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EL 2761 AND EL 3460

NUCKULLA HILL

**ANNUAL AND FINAL REPORTS TO LICENCE
EXPIRY/SURRENDER FOR THE PERIOD
19/10/2002 TO 28/11/2008**

Submitted by
Equinox Resources Ltd
2009

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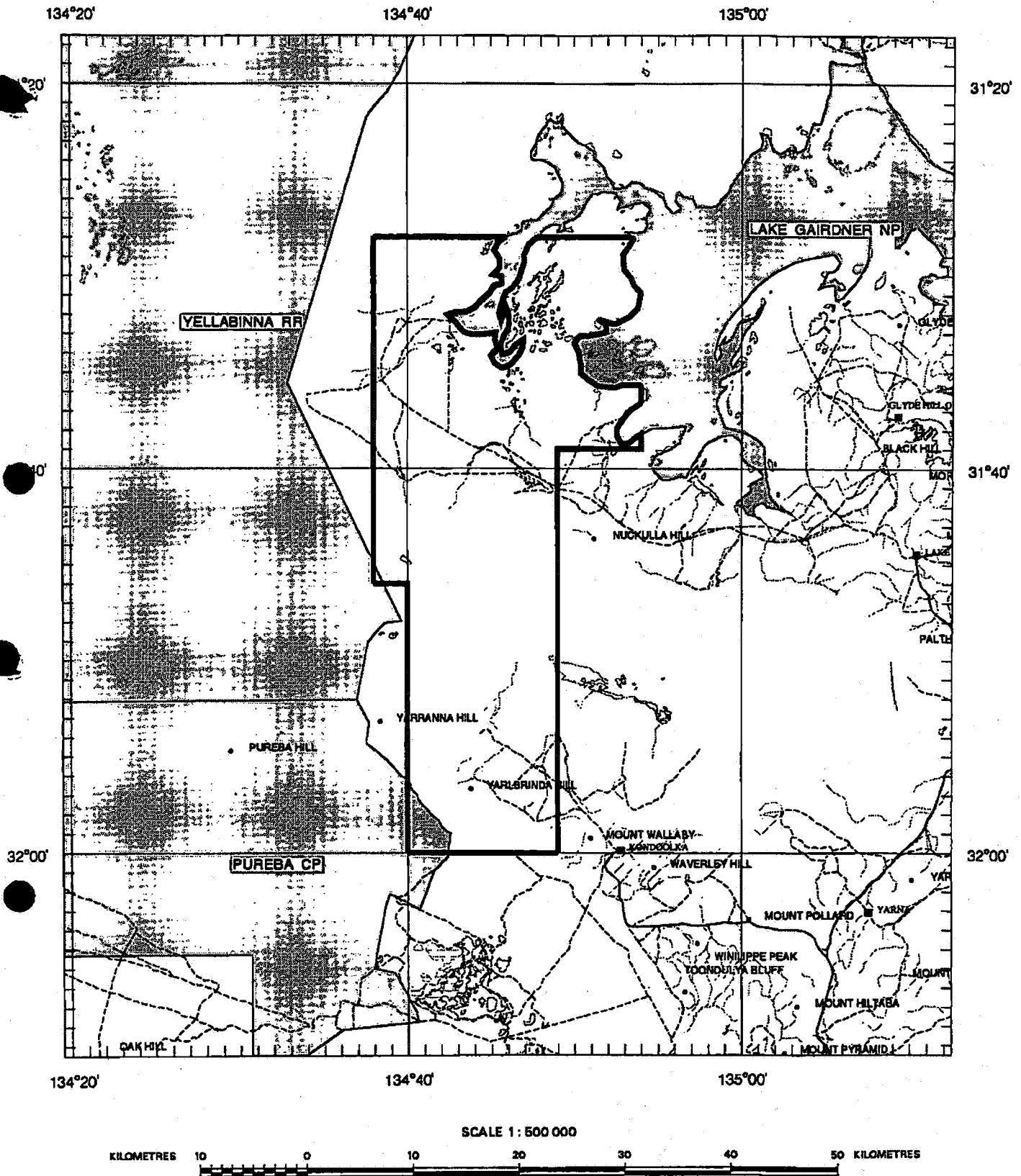
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Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



APPLICANT : EQUINOX RESOURCES LTD

FILE REF : 161/99

TYPE : MINERAL ONLY

AREA : 1029 km² (approx.)

1:250000 MAPSHEETS : CHILDARA

LOCALITY : NUCKULLA HILL AREA - Approximately 120 km northeast of Ceduna

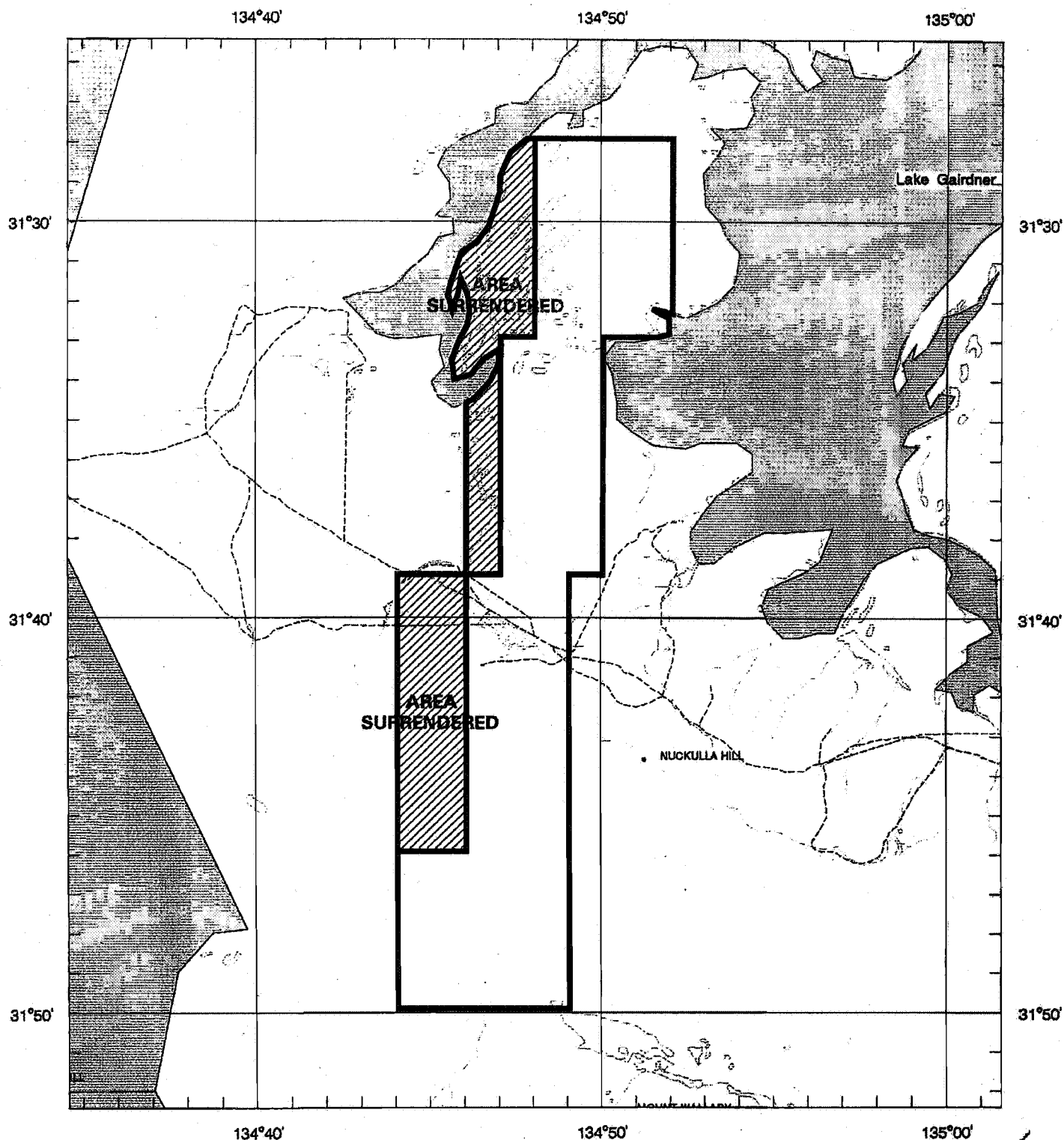
DATE GRANTED : 19 October 2000

DATE EXPIRED : 18 October 2002

EL No : 2761

2003
2004

SCHEDULE A



SCALE 1: 250 000
 KILOMETRES 5 0 5 10 15 20 25 KILOMETRES
 LICENCE GRANTED IN : DATUM AGD86



APPLICANT : EQUINOX RESOURCES LTD

FILE REF : 647/05

TYPE : MINERAL ONLY

AREA : 230 km² (approx.)

1:250000 MAPSHEETS : CHILDARA

LOCALITY : NUCKULLA HILL AREA - Approximately 120 km northeast of Ceduna

DATE GRANTED : 29-Nov-2005

DATE EXPIRED : 28-Nov-2007

EL NO : ~~3460~~

EXPIRED



28 May 2004

Mr. George Kwitco
Mineral Resources Group
Primary Industries and Resources SA
GPO Box 1971
Adelaide SA 5001

**EQUINOX
RESOURCES
LIMITED**
ABN 11 060 581 777

Dear George,

Re: EL 2761, Annual Technical Report, 19th October 2002 – 18th October 2003

No field work was undertaken on Nukulla Hill EL 2761 during the reporting period.

Initial discussions have begun in regard to establishing a joint venture(s) in regard to exploration for IOGC and/or base metals.

Because we haven't undertaken any field activities in the year to 18 October 2003 there is nothing new to include in an annual technical report. We therefore seek to wave the requirement to produce a detailed technical report for the year ending 18 October 2003.

Yours sincerely
Equinox Resources Limited


John Fitzgerald
Tenement Manager



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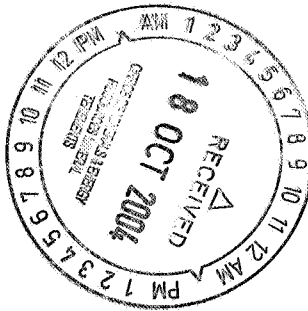
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**EQUINOX
RESOURCES
LIMITED**

ACN060 581 777

Mr George Kwitko
Mineral Exploration Division
Department of Primary Industries and Resources, SA
GPO Box 1671
Adelaide SA 5001

18 October 2004

Dear George,

**Annual Technical Report, EL 2761
Period end: 18 October 2004**

During the anniversary year 19 Oct 2003 -18 October 2004, no new field work was undertaken on EL2761, Nuckulla Hill.

Review work of pre-existing company generated data was undertaken in order to ensure that the area had been adequately explored by geochemical methods. Geochemist Richard Carver, principal of "GCXplore," reviewed geochemical work by Equinox over the period 1995-1997 to establish whether the Company had addressed all targets generated from calcrete and soil sampling. His work established that there were serious issues in merging the two datasets, as the level of detection in the soils was much lower than in calcrete. Likewise, metal responses in the calcrete depended very much on the level of CaO, which swamped the real trends in the data when the calcium level was very high, leading to a bias in anomaly detection. However, his analysis of the data did not indicate that any major target had been overlooked.

The balance of the year was spent endeavouring to identify a remote data acquisition method that could generate targets from a comparable yet different avenue to the geochemistry. Equinox observed that gold mineralisation was present in rocks that also contained common sulphide (5%) suggested that this relationship could be used to explore with an AEM system along the Yarlbinda Shear Zone and fault splays off it. Discussions were held with Fugro Airborne Surveys to participate in a group data acquisition program for air magnetics/AEM in the Gawler. Equinox appeared to be the sole party interested, which resulted in likely survey costs of \$150,000. The potential for success in the use of a remote geophysical tool appeared good, but the Company did not elect to proceed.

At this time, a Joint Venture covering EL2761 was entered into with Minotaur Resources subsidiary, Minotaur Operations ("Minops"), during August 2004. Minotaur, as the earning party, has taken responsibility for future expenditure to earn their equity. Their proposed program, which has been initiated already, comprises coverage of the EL with gravity, data manipulation and drilling of

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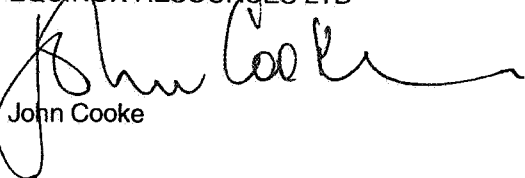




resultant IOCG targets so indicated. The AEM program and costing were forwarded to Minotaur.

As Equinox has not undertaken field activities over the past anniversary year, there is nothing new to include in an annual technical report. We therefore seek to waive the requirement to produce a detailed technical report for the year ending 18 October 2004. The geochemical review report by GCXplore report is here appended.

Yours sincerely
EQUINOX RESOURCES LTD



John Cooke

Encl: "REPORT ON THE GEOCHEMISTRY OF CALCRETE AND SOIL SAMPLES FROM
NUCKULLA HILL S.A", RICHARD CARVER, 2004



GCXplore Pty Ltd

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**REPORT ON THE GEOCHEMISTRY OF
CALCRETE AND SOIL SAMPLES FROM
NUCKULLA HILL S.A**

**BY
RICHARD CARVER**

FOR

EQUINOX RESOURCES LIMITED

25TH MAY 2004

Introduction

Geochemical data from two data sets has been evaluated. The first of these contains a mixture of near surface and auger soil and calcrete samples. These are generally very rich in Ca but a wide range of Ca contents are present in the samples. The analytical method for these is by a robust aqua regia digest.

The second data set are soils which have been subjected to a weak cyanide digest. This digest will be robust for Au but is would be expected that there may be issues with some of the other elements due to PH and other fluctuations in the digest solution.

The objectives for the first data set were to look at the relationship between Ca and the other variables in some detail to generate potential normalisation of the data in order to extract more information from the data set.

For the cyanide soil data set the objective was to examine the behaviour of the assay variables and determine which in addition to gold may be useful.

Soils and Auger Samples – Aqua Regia Digest

These data were contained in the spreadsheets Calc98 and Nuck_Calcrete_02. Calc98 also contained most of the data from Nuck_Calcrete_02. A single table was created which contained all the data from the two sheets.

The data were cleaned to the extent that all values were made to be numeric (< converted to – ve signs) and X to – detection limit for the variables concerned).

The percentile statistics for the data were then examined

VARIABLE	NO	SATMAX	VALUE	P10	P25	P50	P75	P90	P97_5	CONTRAST	CONT75_25	PCT_BD
Ag (ppm)	3698	1.20	-0.10	-0.10	-0.10	0.20	0.30	0.50	5.00	2.00	57	
As (ppm)	2193	35.00	-5.00	-5.00	1.00	9.00	12.00	17.00	17.00	1.80	49	
Au (ppb)	4406	358.00	-1.00	-0.10	1.00	3.00	6.00	21.00	21.00	30.00	25	
Au (ppm)	4593	358.00	-1.00	0.00	1.00	3.00	5.00	20.00	20.00		23	
Ca (%)	4329	45.11	5.50	9.86	20.27	27.60	31.45	35.30	1.74	2.80	0	
Co (ppm)	1802	20.70	2.50	3.30	4.00	5.00	5.50	6.50	1.63	1.52	0	
Cr (ppm)	599	46.00	3.00	6.00	8.00	11.00	13.00	19.00	2.38	1.83	2	
Cu (ppm)	3798	82.00	5.00	6.70	8.60	10.90	14.40	25.50	2.97	1.63	0	
Ni (ppm)	3698	48.10	3.10	4.00	5.00	6.20	7.70	10.00	2.00	1.55	0	
Pb (ppm)	3698	70.00	1.00	1.70	2.50	3.50	5.00	7.70	3.08	2.06	4	
Zn (ppm)	3698	124.10	3.30	4.70	6.70	9.10	12.30	17.50	2.61	1.94	0	
Bi (ppm)	65	1.00	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	1.00	1.00	98	
Cd (ppm)	65		-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	1.00	1.00	100	
Fe (ppm)	65	12,400.00	1,750.00	2,140.00	2,690.00	3,530.00	5,780.00	7,385.00	2.75	1.65	0	
Mn (ppm)	65	156.50	34.00	42.50	51.50	71.50	94.00	147.50	2.86	1.68	0	
Mo (ppm)	1015	5.00	-1.00	-1.00	-1.00	-1.00	1.00	2.00	2.00	1.00	81	
Sb (ppm)	65	2.00	-2.00	-2.00	-2.00	-2.00	-2.00	2.00	1.00	1.00	93	
U (ppm)	112	1.55	0.26	0.31	0.45	0.57	0.86	1.05	2.33	1.84	0	

The tabulation shows these data. The column labelled contrast is the ratio of the 97.5%ile/50%ile and the following column is the ratio of the 75%ile/25%ile. The last column shows the percentage of the data below the detection limit.

On a numerical basis we have Au, Ca, Ni, Cu, Pb, Zn and Ag which are available for most of the samples. Mo, Co, Cr and As on about 25-40 % of the samples and Bi, Cd, Mn, Fe, Sb and U on a small number of samples. On the basis of the detection limits it is noted that:

- Bi, Cd Sb will provide no information as all data are below or at the detection limit.
- Mo may have some outliers. Most values are below the detection limit but the maximum value is 5x the detection limit.
- Ag and As are compromised by large numbers of samples below the detection limit but outliers are present.

For the main assay group of element apart from gold the contrasts are low. Contrasts of > 4 would be regarded as reasonable and above 8 as high. For the main trace elements the values lie in the 2.5-3.5 range indicating that the detection of strong spatial patterns in the data are unlikely. Additionally on a numerical basis the values are low and subdued with 97.5%iles of Cu (25.5ppm) Pb (7.7ppm) Zn (17.5 ppm) and Ni (10ppm). The maximum values indicate outliers to about 3x the 97.5%ile. These in the context of this data set are obviously anomalous but not very compelling in a global context. We are able to examine the relationship between Ca and these variables but the data are insufficient to document the relationship between iron and these variables. Ca at the levels present would be expected to act as a dilutant to these variables and iron as a controlling variable. The limited iron data available suggest the soils have low iron contents but control by iron on the chemistry of these elements can be evident with samples with iron contents around the 1% level as .75% to 1.5% Fe still a factor of 2.

The affect of Ca is large. If it is considered that the Ca is present as CaCO₃ then at the 20% Ca (50%ile) about 50% of the sample is CaCO₃.

Relationship between Ca and the Main Assay Variables

The target sample media in this area is carbonate rich soils because of the known relationship between gold and carbonates. This is an association by process rather than a scavenging/chemical association in the case of Fe and Mn.

To look at the relationships between the elements we can first look at the correlation matrix which will give us a statistical view.

Correlations above .2 and below -.2 are tabulated below. A full listing is contained in CALCRETE_CORRELATIONS.XLS. There is redundancy in the table with pairs being repeated in both directions. Au-Ca is not in the table. The correlation is .11 (low but significant) It is not higher because we are looking at a truncated population because of the bias of the sampling towards Ca rich materials. The other higher correlations can be grouped as such.

Ni Cu Zn Pb +ve

Ca vs Co Cu +ve

Ag vs Ni Co Pb -ve

The first of these should be related to Fe on which we have insufficient data. If this could be taken into account the contrasts for these variables would be further reduced.

The Ca – Cu association is not clear. It may be similar to the Au – Ca association but is probably more complex. It may be lithological/soil type rather than evapo-transpiration.

Ag (As) are showing –ve correlation with the lithophile (Ni-Cu-Co-Zn) suite suggesting that they are inversely correlated with iron in these soils.

V1	V2	COR
Ag (ppm)	Ni (ppm)	-0.38
Ag (ppm)	Pb (ppm)	-0.24
As (ppm)	Co (ppm)	-0.30
Ca (%)	Co (ppm)	0.23
Ca (%)	Cu (ppm)	0.38
Co (ppm)	As (ppm)	-0.30
Co (ppm)	Ca (%)	0.23
Cu (ppm)	Zn (ppm)	0.33
Cu (ppm)	Ca (%)	0.38
Cu (ppm)	Ni (ppm)	0.40
Ni (ppm)	Ag (ppm)	-0.38
Ni (ppm)	Pb (ppm)	0.27
Ni (ppm)	Cu (ppm)	0.40
Ni (ppm)	Zn (ppm)	0.47
Pb (ppm)	Ag (ppm)	-0.24
Pb (ppm)	Ni (ppm)	0.27
Pb (ppm)	Zn (ppm)	0.33
Zn (ppm)	Cu (ppm)	0.33
Zn (ppm)	Pb (ppm)	0.33
Zn (ppm)	Ni (ppm)	0.47

To study the relationship between Ca and the other variables the data set was partitioned into 2% Ca bins followed by the calculation of percentile statistics based on these bins. The mean values of various metals in the bins are also calculated but are less robust than the median (50%ile) as measure of the metals vs Ca content.

These values have been calculated in the table

CALCRETE_STATISTICS_BY_CA2. The following excerpt from this tabulation shows the relationship between Au and Ca. The column SMOOTH50 has been created to smooth any variations and to counter any excessive factors which could create artefacts during the subsequent normalisation. In this instance the P50 values flatten to 2 ppb at higher Ca contents this is used as the nominal content to normalise the data to. The factors for the other bins are created by dividing the smoothed values into 2 resulting in the values in the N_30_Ca column. At the peak at very low Ca values we are multiplying the assay value by 3.33. If we consider 8ppb as reasonable low threshold a low Ca sample will need 3 ppb to exceed this threshold. This means we are not potentially raising detection limit values to the threshold (1 goes to 3.3 ppb). A second variant is also

included in the final data file which is slightly more aggressive with a maximum factor of 4.

Au vs Ca and Normalisation Factors

Calcium	MEAN	SMOOTH50	N_30_Ca	P50	P75	P97_5	CONTRAST	PCT_BD
0	0.32	0.60	3.33	0.20	0.50	2.00	10.00	35
2	0.14	0.70	2.86	0.20	1.00	2.00	10.00	39
4	0.51	0.80	2.50	0.40	1.00	2.00	5.00	35
6	0.48	0.90	2.22	0.30	1.00	4.00	13.33	45
8	1.23	1.00	2.00	0.60	1.00	13.00	21.67	42
10	1.82	1.10	1.82	1.00	1.00	15.00	15.00	38
12	1.53	1.20	1.67	0.80	1.00	15.00	18.75	38
14	1.77	1.30	1.54	1.00	1.10	9.00	9.00	37
16	2.02	1.40	1.43	1.00	2.00	19.00	19.00	34
18	3.46	1.50	1.33	1.00	2.00	18.00	18.00	21
20	3.24	1.60	1.25	2.00	3.00	20.00	10.00	16
22	4.57	1.70	1.18	2.00	3.00	14.00	7.00	15
24	3.26	1.80	1.11	2.00	3.00	13.00	6.50	16
26	4.78	1.90	1.05	2.00	4.00	29.00	14.50	10
28	5.33	2.00	1.00	2.00	4.00	32.00	16.00	13
30	4.37	2.00	1.00	2.00	4.00	33.00	16.50	11
32	8.14	2.00	1.00	2.00	4.00	70.00	35.00	15
34	4.45	2.00	1.00	2.00	4.00	11.00	5.50	10
36	9.15	2.00	1.00	2.00	3.10	34.00	17.00	10
38	9.49	2.00	1.00	4.00	10.00	45.00	11.25	9
40	9.00	2.00	1.00	2.00	2.00	15.00	7.50	0
42	6.60	2.00	1.00					20
44	3.50	2.00	1.00					0
46	7.00	2.00	1.00					0

The mean values would result in an over aggressive normalisation even if you smoothed the range from .5 to 6 ppb it have a maximum factor of 12. The mean values are influenced by both outliers bolstering the mean and depression of the mean at low values by in this instance the below detection limit values being –ve.

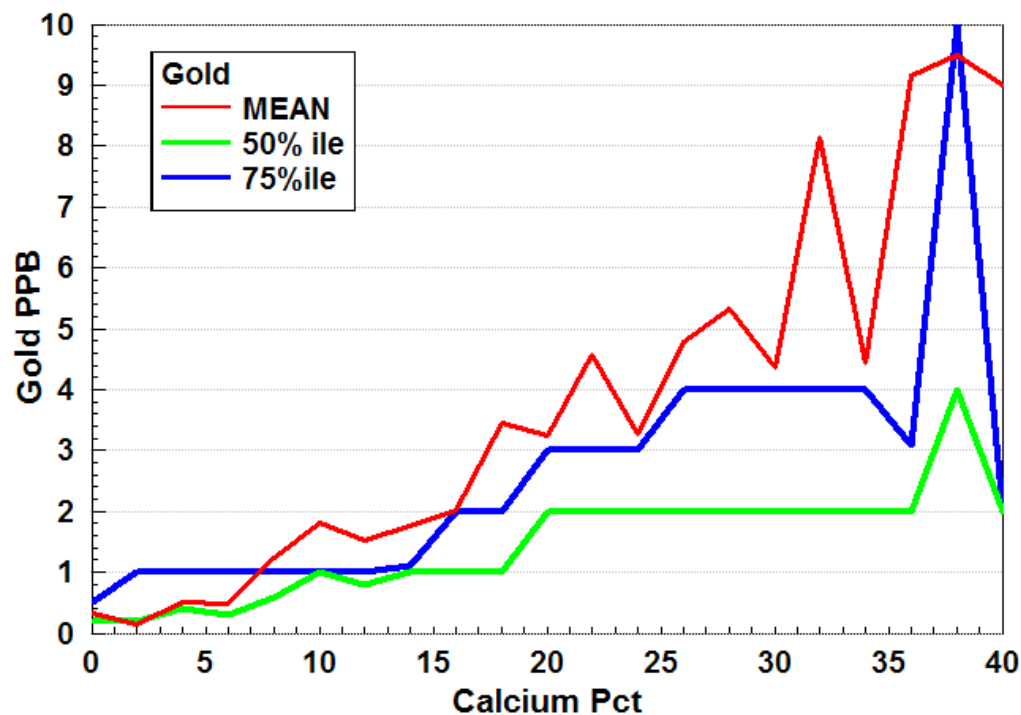
For comparison the relationship between Ca and Ni is tabulated below. The normalisation factors show minimal variation and ascend rather than descend because it is dilution which is occurring. The other elements show variations on this but are similar to the Ni.

Ni vs Ca and Normalisation Factors

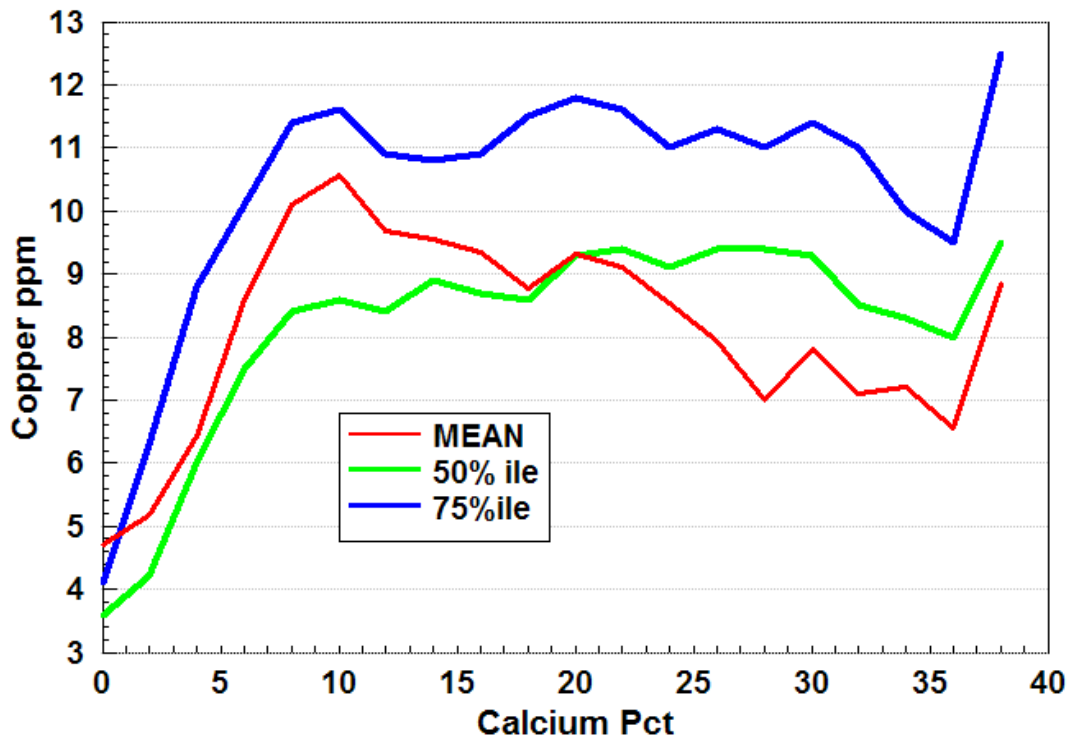
Calcium	VARIABLE	MAX_VALUE	MEAN	SMOOTH50	N_30_Ca	P50	P75	P90
0	Ni	48.10	5.55	5.50	0.82	4.70	6.00	7.70
2	Ni	11.00	5.20	5.50	0.82	5.30	6.90	8.00
4	Ni	14.00	5.36	5.50	0.82	5.30	6.70	8.50
6	Ni	13.00	5.51	5.50	0.82	5.50	7.10	8.80
8	Ni	15.00	5.57	5.50	0.82	5.50	6.80	8.00
10	Ni	11.00	5.45	5.50	0.82	5.50	6.50	7.80
12	Ni	22.00	5.39	5.50	0.82	5.50	6.40	7.70
14	Ni	13.00	5.22	5.50	0.82	5.50	6.50	7.50
16	Ni	13.00	5.28	5.00	0.90	5.50	6.60	7.50
18	Ni	15.00	4.77	5.00	0.90	5.20	6.40	7.60
20	Ni	15.00	4.95	5.00	0.90	5.00	6.50	8.30
22	Ni	14.00	4.49	4.50	1.00	4.50	5.90	7.20
24	Ni	12.20	3.92	4.50	1.00	4.40	5.20	6.30
26	Ni	15.00	3.68	4.50	1.00	4.50	5.50	6.80
28	Ni	16.00	3.19	4.50	1.00	4.50	5.50	7.50
30	Ni	13.00	3.47	4.50	1.00	4.50	6.00	7.00
32	Ni	14.00	3.36	4.50	1.00	4.50	5.50	6.50
34	Ni	13.00	3.48	4.50	1.00	4.50	5.00	6.50
36	Ni	7.00	3.28	4.50	1.00	4.50	5.00	5.50
38	Ni	7.80	4.29	4.50	1.00	5.00	5.50	6.50
40	Ni	9.50	4.96	4.50	1.00			
42	Ni	4.50	2.28	4.50	1.00			
44	Ni	5.50	5.25	4.50	1.00			
46	Ni	6.30	6.30	4.50	1.00			

These data can be shown graphically as well.

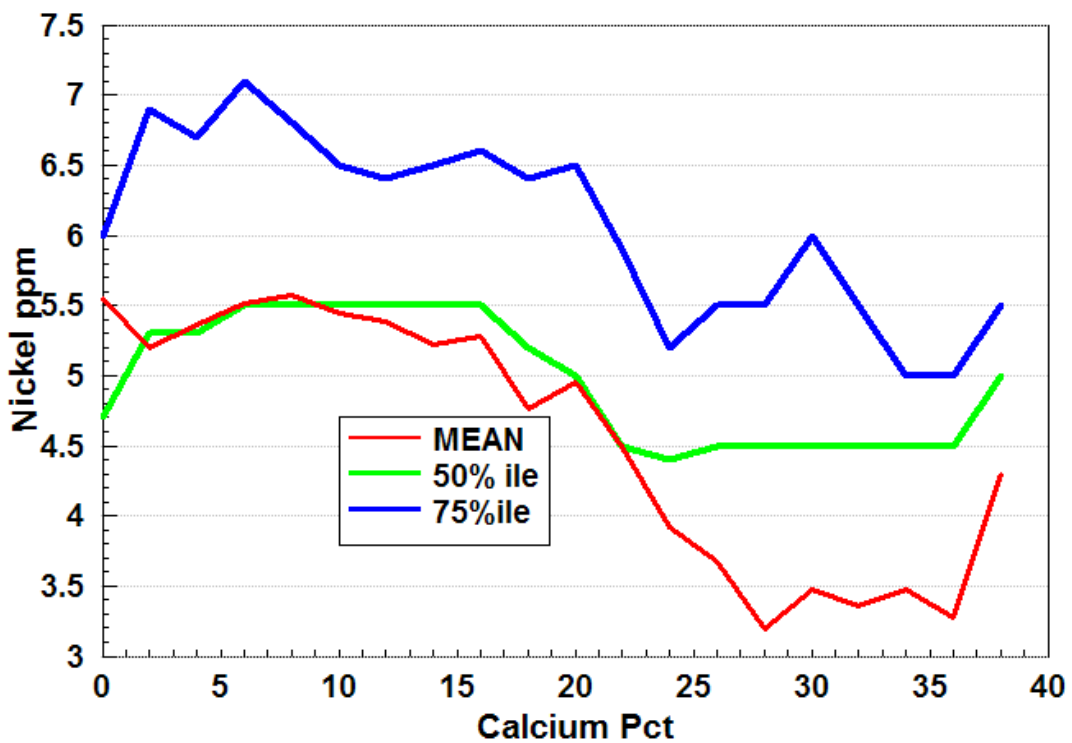
Gold Vs Calcium (2% Bins)



Copper Vs Calcium (2% Bins)



Nickel Vs Calcium (2% Bins)



The relationship between Ca and Cu is most complex. The Cu values start low then peak and then drop off at higher values due to dilution kicking in.

The Ni plot shows evidence for the peak at very low Ca values as well. This is interpreted as samples with very low Ca levels being very aeolian sand dominated. The iron and clay contents of these samples will be low and thus the metal contents will be low. The metal values then plateau in normal soils with modest Ca contents and then drop off as dilution becomes a significant factor at high Ca contents.

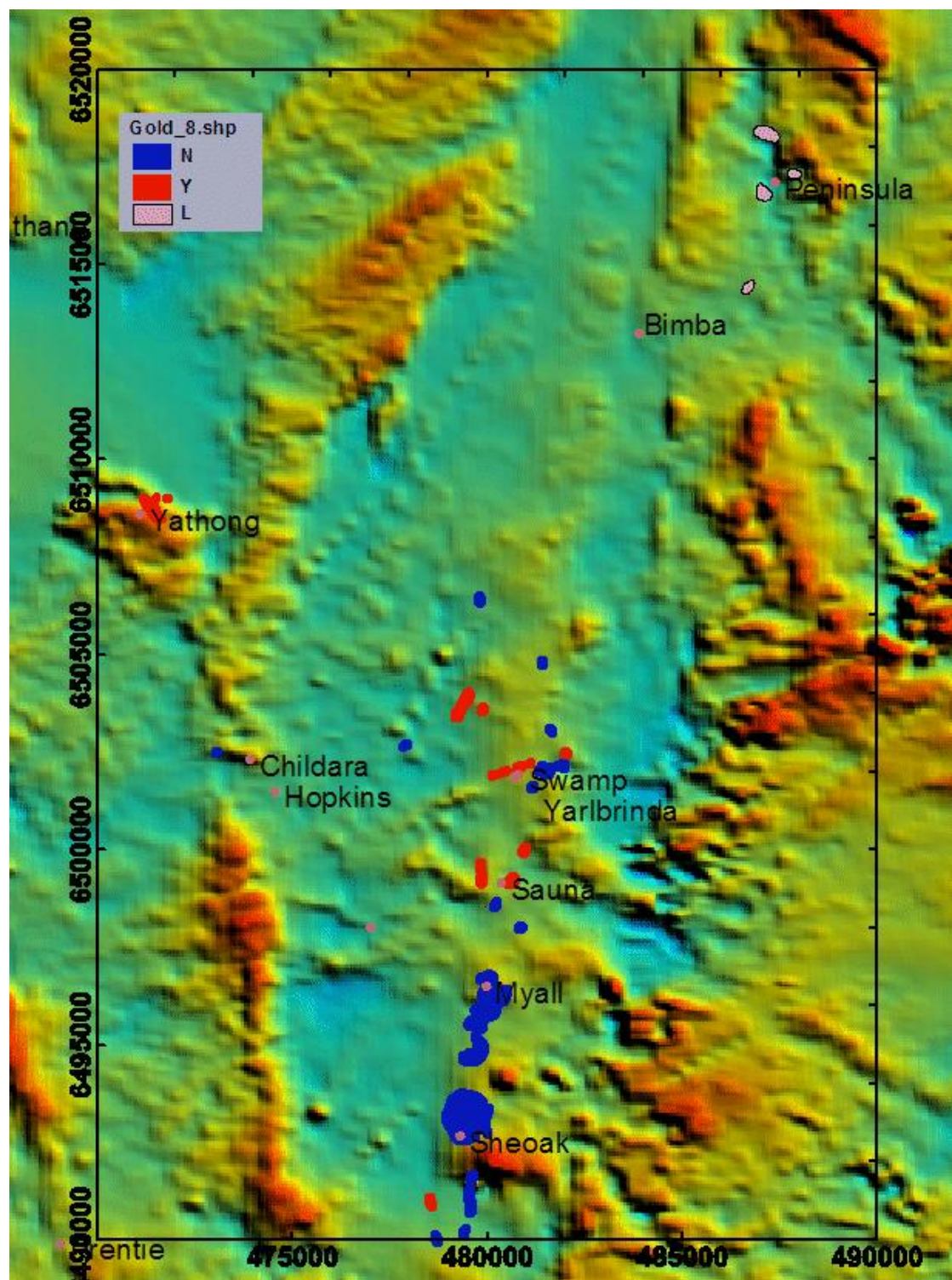
Effect of Normalisation

The effect of the normalisation in the case of Ca should be visible in these data but will be minimal in the low contrast metal data.

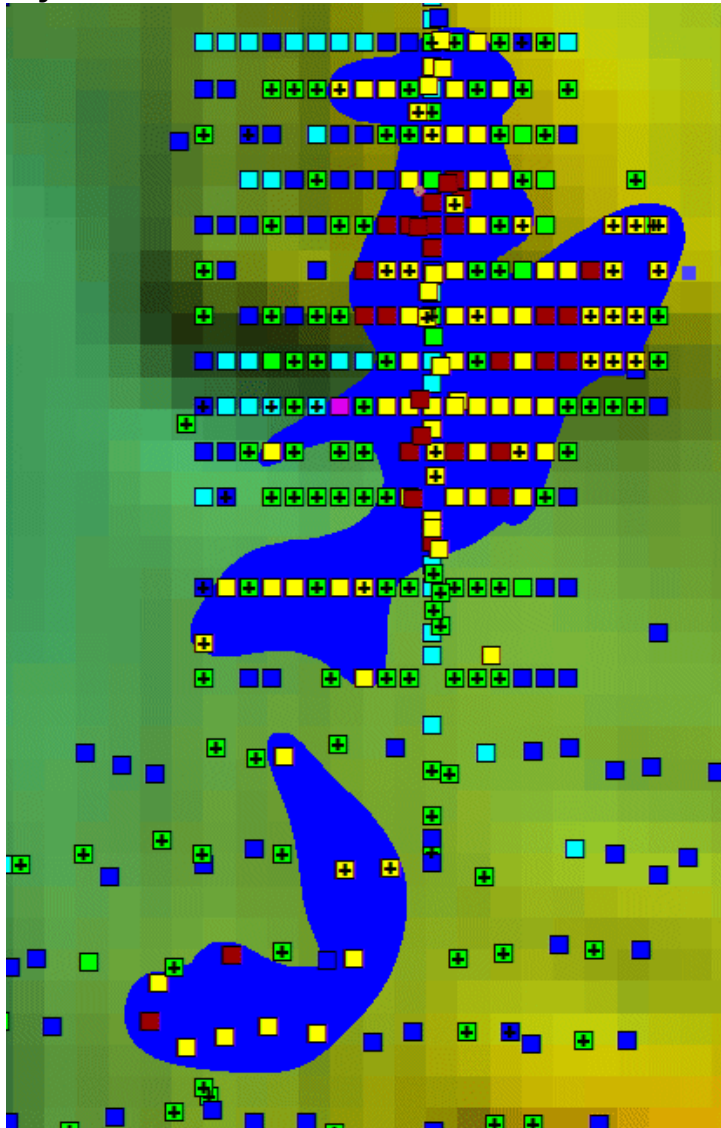
For gold within the survey areas with > 8 ppb Au were highlighted on the basis of the normalised data. These were then checked against the non normalised data and classified as:

- Y new features from the normalisation
- N old features
- L a series of weaker features from the normalisation in the Bimba – Peninsula area. In this area there were no samples which exceeded that threshold. A number of samples with a more precise method .1 ppb increments with values around 2 were enhanced to levels just below 8. Other lower resolution with 2 ppb (1ppb) increment values were ignored.

Most of the Y type responses were in the Sauna to Swamp zone where sections of the elevated background (3-7 ppb) have been elevated above the threshold by the normalisation. The interpreted polygons are contained in GOLD_8.SHP and are displayed on the diagram on the following page which as government TMI as a background.



Myall Area Detail



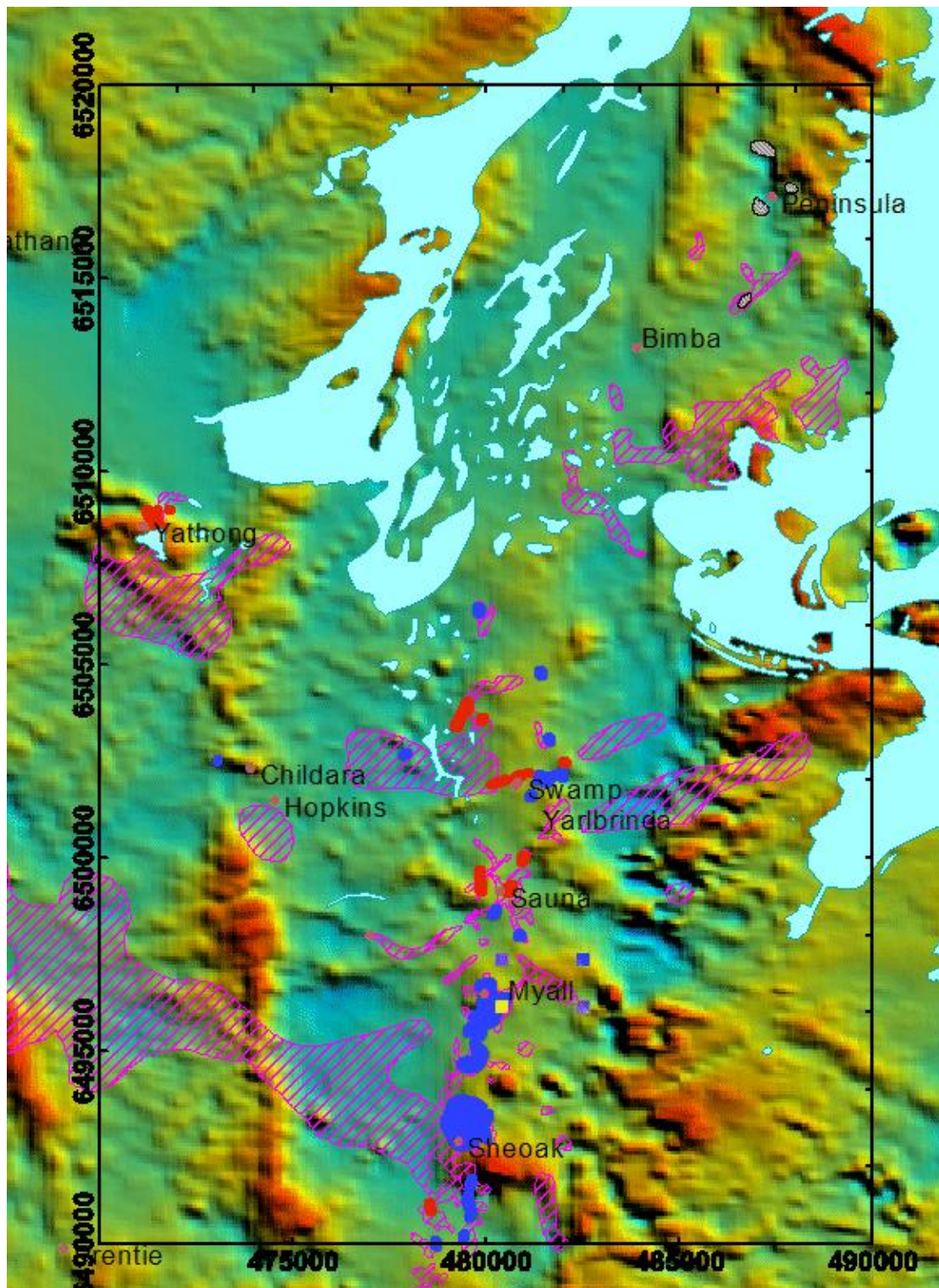
At Myall the diagram above shows the effect of the normalisation in the areas of major anomalism. The anomaly depicted in blue based on the 8 ppb threshold has been extended and contains less internal “drop outs” due to the normalisation. (The sites with the black cross have Au in the 2-7 ppb range on the basis of the un-normalised data).

In summary for gold the normalisation has improved the data simplifying some of the existing anomalies and highlighting areas within already elevated background for further attention.

Other Elements

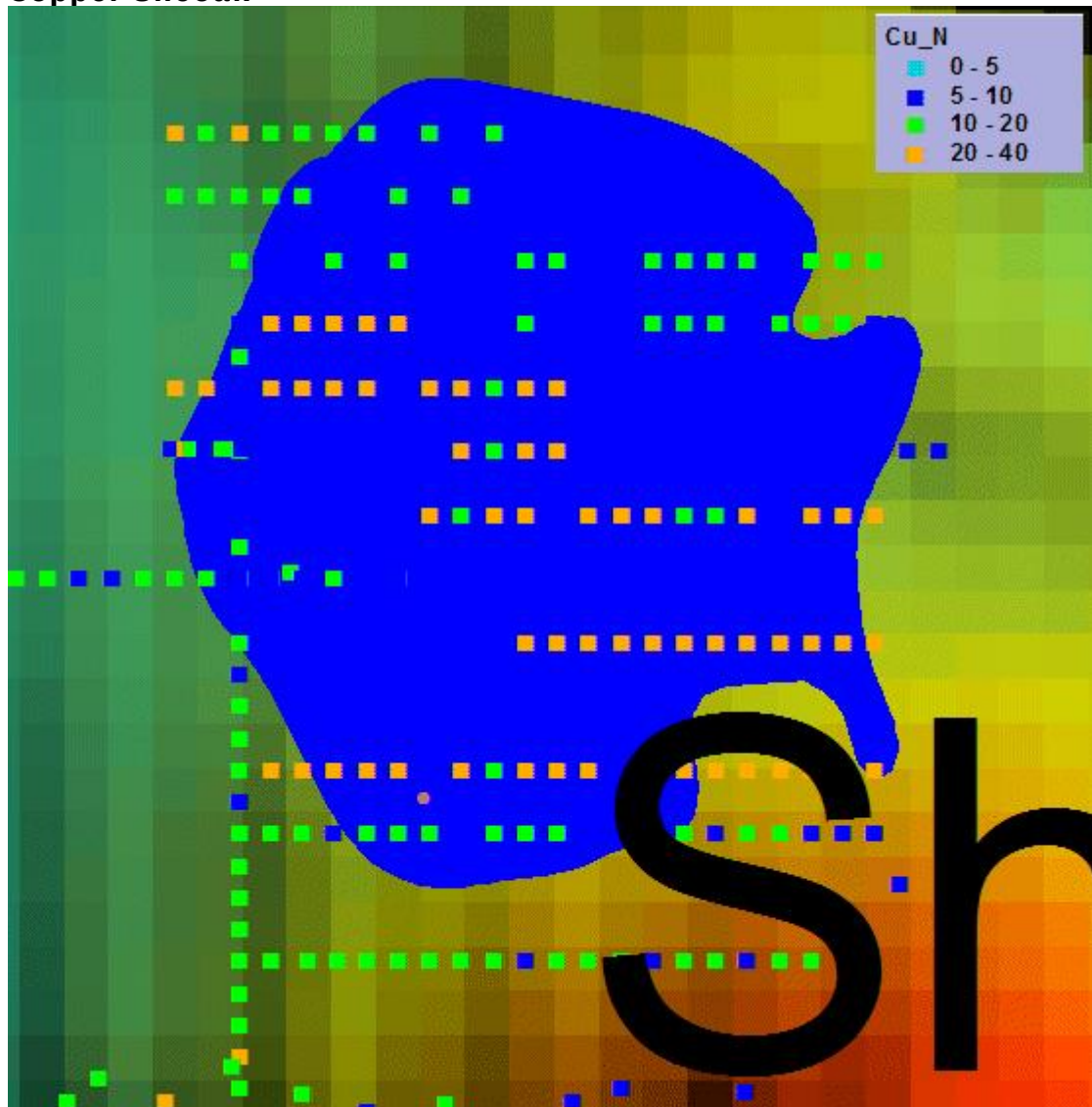
The normalised data for Ni Cu Pb Zn and Au were investigated with principal component analysis. This did nothing to highlight new features. The gold not surprisingly dominated one factor and the Ni Cu and Zn had high loadings on the second dominant factor which would be expected from the discussion on the correlations above. The spatial distribution of the individual elements was quickly examined and Ni Cu and Zn were

similar. A plot of the combination of the 3 was made show the distribution pattern.



The total (normalised) Cu+Ni+Zn above 25 ppm is shown as magenta cross hatch on the above plot. Some of the pattern may be related to subtle features in areas of sub-crop but the broad patterns are most likely to relate to different soil types with low but variable Fe contents.

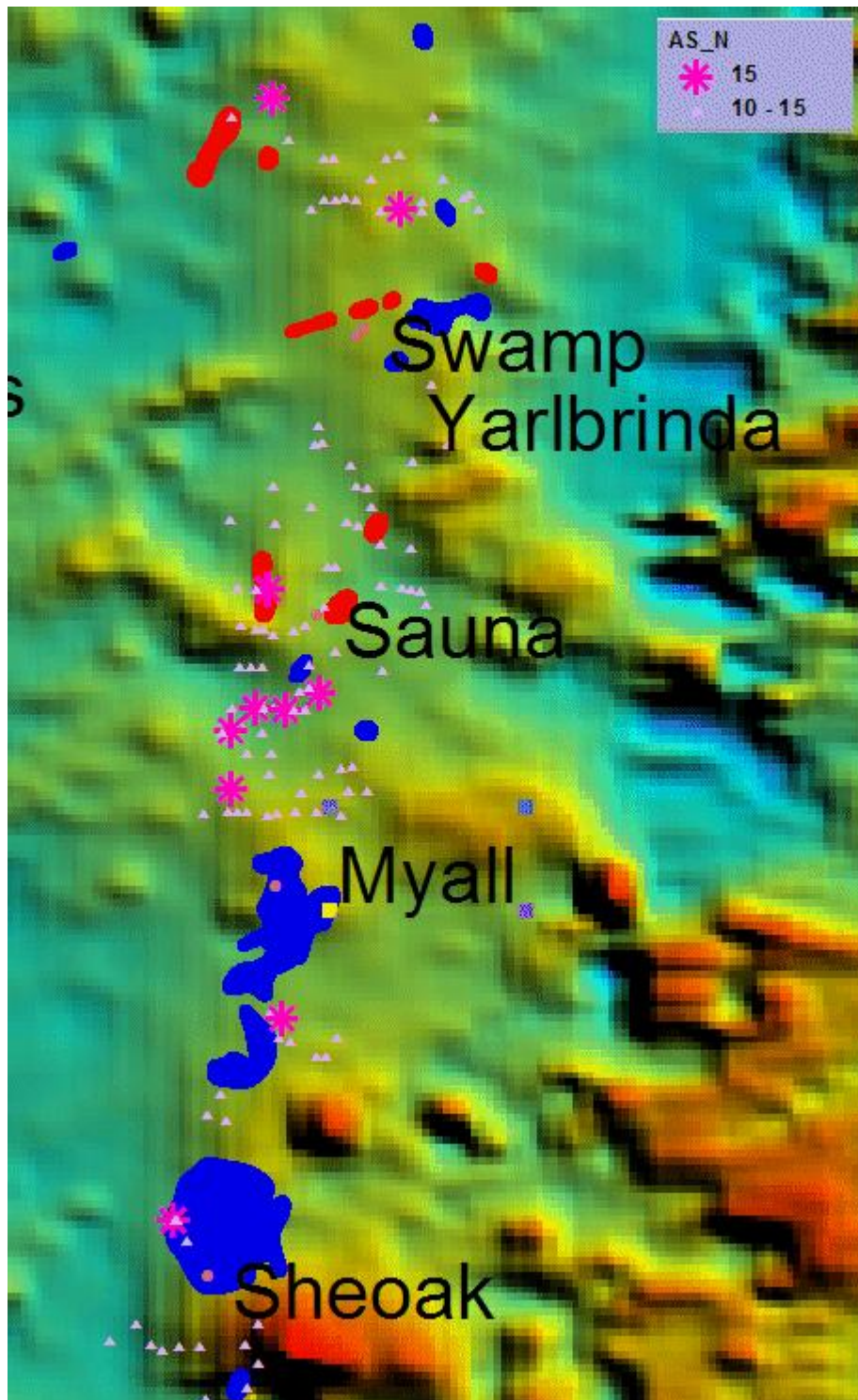
Copper Sheoak



The distribution of copper at Sheoak with values >20ppm coincident with the >8 ppb gold response suggests an association with Cu at this prospect. There is some association also at Myall. The association is probably lithological rather than sulphide related. This correlation with some areas of higher gold also explains why there is a statistical correlation with the Au and the Ca.

Arsenic

Arsenic is available on about 40% of the samples. It's distribution is erratic. Higher values (>15ppm) are scattered over the main north south trend of prospects and show no correlation with Au. The image below shows the distribution north of Myall where the largest concentration of higher responses occurs.



Lead

In the Pureba area the lead values are significantly higher than in the rest of the surveyed area. (20-70 ppm vs < 20 ppm)

Silver

Higher Ag values .8 – 1.2 ppm occur associated with Au at Sheoak and Swamp. In 8 other scattered samples they are not associated with gold or other elements.

Zinc

At Myall a single 81 ppm Zn outlier is associated with the gold anomaly

Nickel-Copper-Zinc-Cobalt-Gold

At a single site between Swamp and Bimba the peak contents for Ni (48) Cu (50) Co (20) and Zn (124) all occur in the one sample. The associated gold content is 4ppb (normalised to 16ppb)

Cyanide Digest Soils

There are 1186 cyanide digest soils. Of these 1149 have been assayed for a broad element suite.

Cyanide Digest Statistics

VARIABLE	NO_SAMP	MAX_VAL	P25	P50	P75	P90	P97_5	CONTRAST	CONT75_25	PCT_1
Au(ppb)	1185	3.7	.1	.2	.4	.7	1.3	5.7	3.7	7
Pt	1150	.8	.0	.1	.2	.3	.4	5.4	17.0	24
Pd	1120	1.5	.1	.3	.5	.7	1.0	3.8	3.9	10
Cu(ppb)	1185	4100.0	305.0	744.0	1300.0	1700.0	2100.0	2.8	4.3	0
Pb	1149	260.0	-1.0	3.0	9.0	26.0	55.0	18.3	9.0	33
Zn	1149	3000.0	59.0	94.0	140.0	208.0	395.0	4.2	2.4	1
Ag	1149	125.0	2.9	5.2	11.0	20.0	36.0	6.9	3.9	0
As	1149	401.0	2.0	4.0	7.0	14.0	66.0	16.5	3.5	8
Ni	1149	789.0	74.0	119.0	194.0	270.0	342.0	2.9	2.6	1
U	1149	99.0	-1.0	-1.0	-1.0	2.0	10.0	10.0	1.0	83
Co	1149	241.0	10.0	16.0	26.0	43.0	73.0	4.6	2.6	0
Cd	1149	15.0	-1.0	2.0	2.0	4.0	6.0	3.0	2.0	28
Bi	1149	2.0	-.1	-.1	.2	.3	.6	6.0	2.0	50
Mo	1149	144.0	-1.0	1.0	3.0	6.0	12.0	12.0	3.0	39
Sb	1149	3.0	-1.0	-1.0	-1.0	-1.0	-1.0	1.0	1.0	98
Tl	1119	2.0	-1.0	-1.0	-1.0	-1.0	-1.0	1.0	1.0	98
Se	1149	138.0	5.0	9.0	14.0	23.0	41.0	4.6	2.8	2
Te	1149	3.0	-1.0	-1.0	-1.0	-1.0	1.0	1.0	1.0	96
Ce	1149	1800.0	1.0	5.0	16.0	56.0	137.0	27.4	16.0	20
La	1149	548.0	-1.0	3.0	10.0	28.0	57.0	19.0	10.0	27
Nb	1149	17.0	-1.0	-1.0	-1.0	2.0	5.0	5.0	1.0	75
Nd	1149	781.0	1.0	3.0	12.0	38.0	87.0	29.0	12.0	23
W	1149	62.0	-1.0	-1.0	-1.0	1.0	2.0	2.0	1.0	89
Y	1149	681.0	-1.0	2.0	7.0	24.0	67.0	33.5	7.0	32
Zr	1149	197.0	-1.0	4.0	13.0	32.0	93.0	23.3	13.0	25
Ca(%)	1150	13.5	.1	1.1	3.0	5.0	7.5	6.8	35.7	0
Ca_p5	1152	135.0	1.0	11.0	30.0	50.0	75.0	6.8	30.0	0
Cr(ppm)	1118	53.0	5.0	9.0	13.0	15.0	19.0	2.1	2.6	0
Fe(ppm)	1149	23500.0	3500.0	5900.0	9100.0	11400.0	14900.0	2.5	2.6	0
Fe_1000	1152	23.0	3.0	5.0	9.0	11.0	14.0	2.8	3.0	0

The values using this digest are recorded in ppb except for Cr Fe (ppm) and Ca (pct).

Sb Tl Te W Nb are subject to detection limit problems.

U Mo have detection limit problems but appear to have some outliers

Bi Cd have detection limit problems and low contrast for a partial digest.

A group of elements Zr Y Nd La Ce show very high contrast combined with a significant proportion of the values below the detection limit. This suggests a there is a problem with these variables in this poorly buffered leach. This may be an issue with Pb and Arsenic as well.

Correlations

The correlations are very strong with the major groups being:

- Ce-La-Y (>.8).....-Pb-Co-Cr (>.4) This grouping is suggested by the nature of the statistics.
- Fe-Cr (>.8)..... Ni-Cu

Other significant correlations in the .25-.40 range are to:

- Fe-Ca
- Ca-Au
- Au-Ag
- Mo-As
- Cr-Ag
- Pt-Pd

These suggest an interaction between the iron and calcium related groups. It should be remembered that iron and calcium values generated by this alkaline leach may not be strongly related to the total contents of these metals in the soils. The strongest –ve correlation is between Zr and Ca suggesting a strong separation between the first and the third (multiple) groups.

The use of the cyanide leach created a data set with high metal variability from soils which are known to have minimal variations in all elements apart from Au based on the aqua regia digest discussed above.

Varimax Principal Component Analysis

This statistical treatment of the data was used to reduce the number of variables to allow for more ready examination of the spatial distribution of the element groups. WRFAC software written by A. Miesch was used for this purpose. The element list used for this purpose was Au Ag As Pt Pd Mo Se Cu Pb Zn Ni Cr Ca Fe La Ce Nd Y Zr.

Principal Component Processing

The eigen values are a measure of the amount of variation in the data set explained by each of the factors. By convention values above 1 are considered significant but lower ranked factors may contain information about mineralisation as this would usually be a minor component of the data set.

Eigen Values

1	5.9446
2	4.0842
3	1.8570
4	1.1432
5	1.0224
6	.8001
7	.7385
8	.6716
9	.6581
10	.5559

Varimax Factor Loadings

Table : cyn1_VXS_ID.dbf											
	VARIABLE	VX_01	VX_02	VX_03	VX_04	VX_05	VX_06	VX_07	VX_08	VX_09	VX_10
1	Au(ppb)	0.07	0.29	0.06	0.03	0.02	0.92	-0.06	-0.04	0.09	0.02
2	Pt	0.12	-0.04	0.96	0.04	0.07	0.05	0.07	0.04	0.06	0.15
3	Pd	0.33	0.03	0.20	0.03	0.02	0.05	0.24	0.07	-0.03	0.82
4	Cu(ppb)	0.04	0.72	-0.03	-0.13	0.07	0.34	0.18	-0.01	0.13	-0.01
5	Pb	0.63	-0.07	0.22	-0.03	0.06	0.03	0.48	0.13	-0.15	-0.10
6	Zn	0.19	0.01	0.06	0.11	0.87	0.01	0.23	0.17	-0.03	-0.06
7	Ag	0.02	0.53	-0.03	-0.13	0.59	0.03	-0.13	-0.15	0.17	0.30
8	As	0.03	0.14	0.00	0.96	0.06	0.02	0.07	0.08	0.12	0.02
9	Ni	0.04	0.78	0.10	0.10	0.08	-0.04	0.07	0.23	0.10	0.06
10	Co	0.31	-0.03	0.06	0.11	0.12	-0.04	0.08	0.89	0.00	0.07
11	Mo	-0.07	0.12	0.06	0.10	0.20	-0.04	0.80	0.07	0.22	0.27
12	Se	-0.18	0.23	0.07	0.15	0.00	0.10	0.19	-0.04	0.88	0.02
13	Ce	0.96	-0.01	-0.01	-0.01	0.04	0.01	-0.06	0.10	-0.06	0.04
14	La	0.96	0.05	0.04	0.03	0.02	-0.03	-0.00	0.07	-0.06	0.07
15	Nd	0.96	0.04	0.05	0.02	0.05	-0.02	-0.06	0.10	-0.00	0.08
16	Y	0.95	0.05	0.03	0.02	0.10	-0.02	-0.08	0.08	0.02	0.05
17	Zr	0.89	-0.07	0.03	-0.03	0.03	0.09	0.08	0.04	-0.13	0.09
18	Ca(%)	-0.51	0.46	-0.10	-0.01	0.04	0.12	-0.20	0.08	0.43	-0.21
19	Cr(ppm)	0.02	0.90	-0.03	0.11	-0.02	0.09	-0.01	-0.12	0.08	-0.01
20	Fe(ppm)	-0.04	0.93	-0.07	0.12	0.02	0.10	-0.05	-0.09	-0.00	-0.05

The loadings for all ten factors are listed in the table.

Nature of the factors

VX_01 Zr-Y-La-Ce-Pb-Co (-ve Ca) – rare earth grouping

VX_02 Fe-Cr-Ni-Ag-Cu (w Au) – iron lithological group + Au

VX_03 Pt

VX_04 As

VX_05 Zn-Ag-wMo

VX_06 Au-wCu

VX_07 Mo-Pb-wZn-wPd

VX_08 Co-wNi mafic ?

VX_09 Se-Ca-wMo – related to gypsum? – near lakes

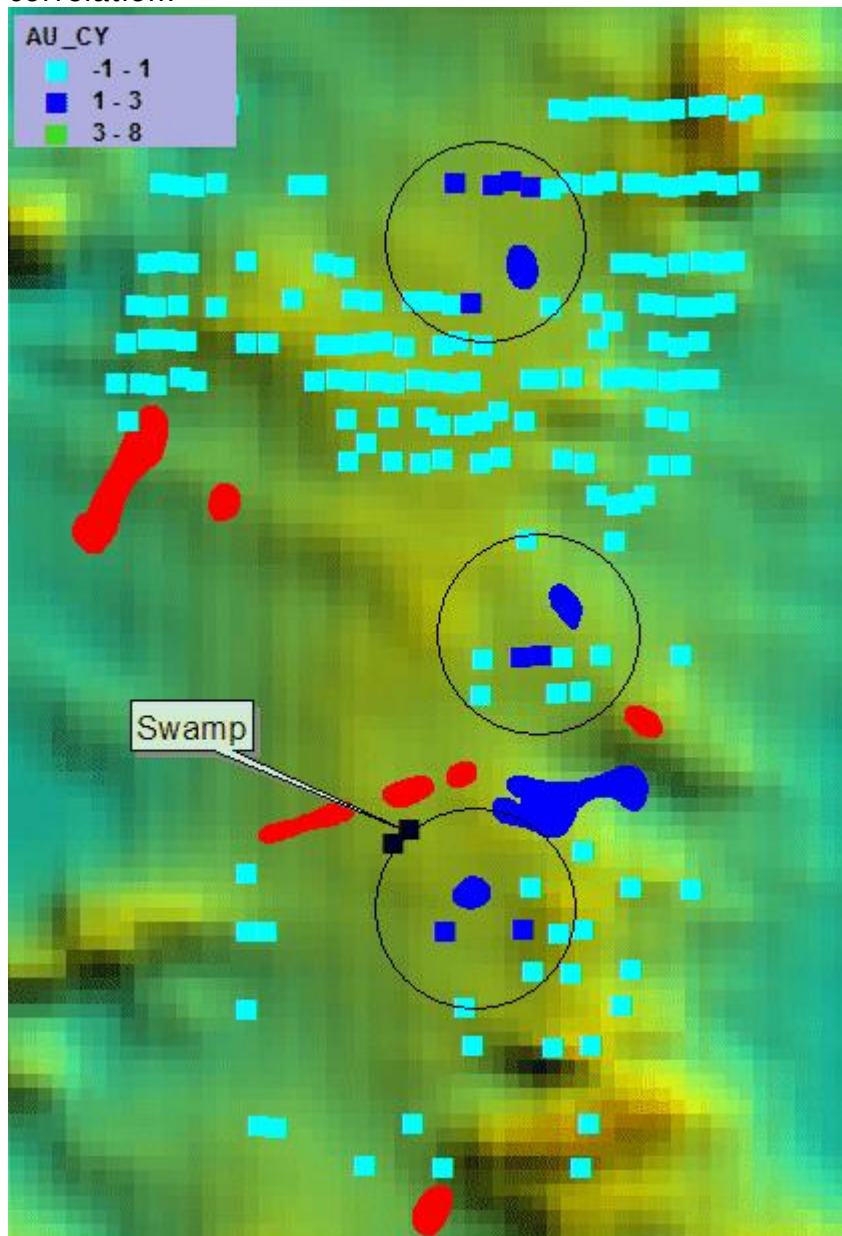
VX_10 Pd-wMo

From the eigen values the first two are dominant. Most of the other factors are dominated by a single element.

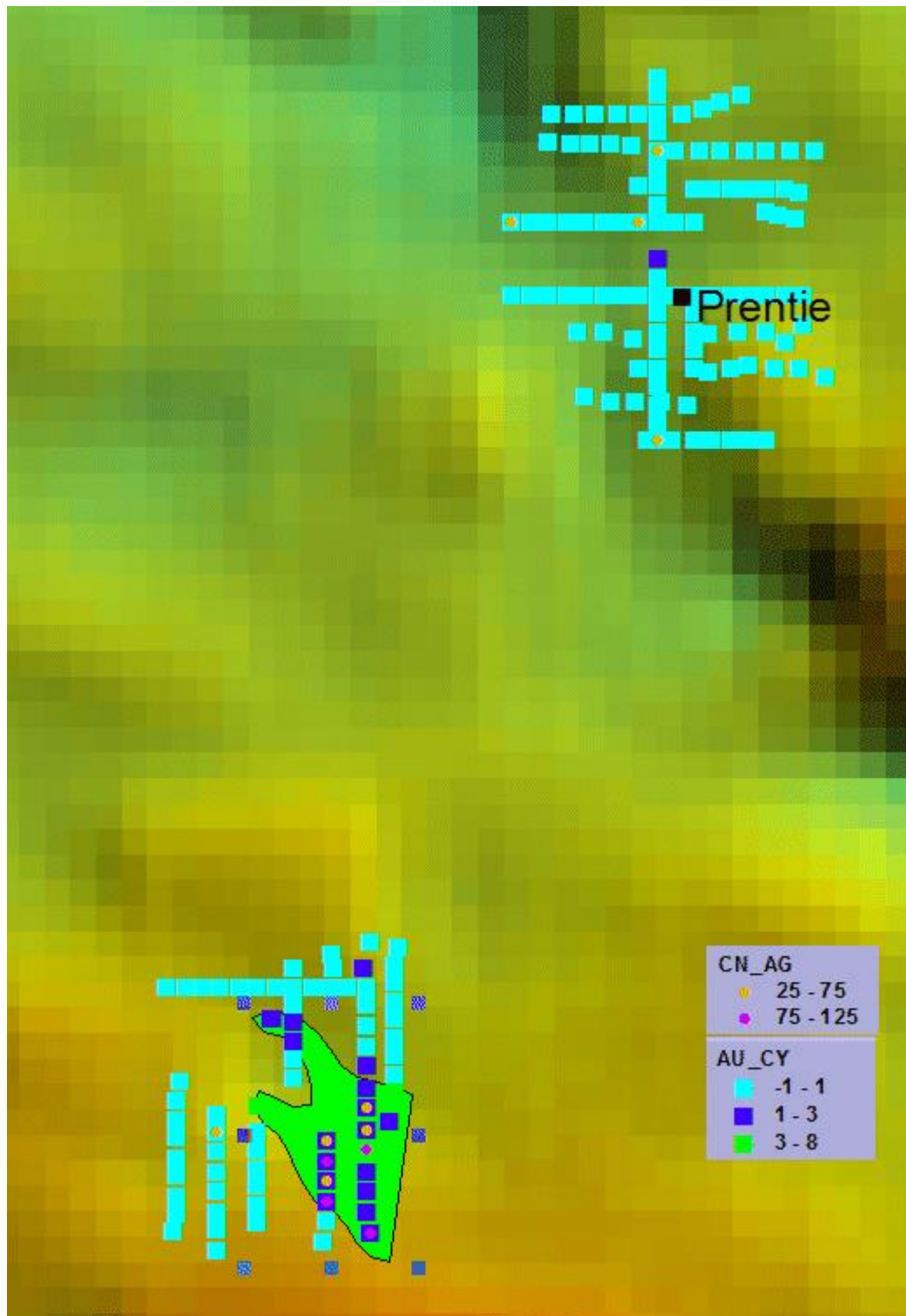
Results

Au

There are few elevated values for gold. In the Swamp area the cyanide soils can be compared with other data. They show good spatial correlation.



The image shows in the areas highlighted by the circles the cyanide gold results are elevated close to some of the features defined on the basis of the aqua regia data. Level comparisons are difficult but often cyanide gold levels are .3 to .5 of those obtained from aqua regia.

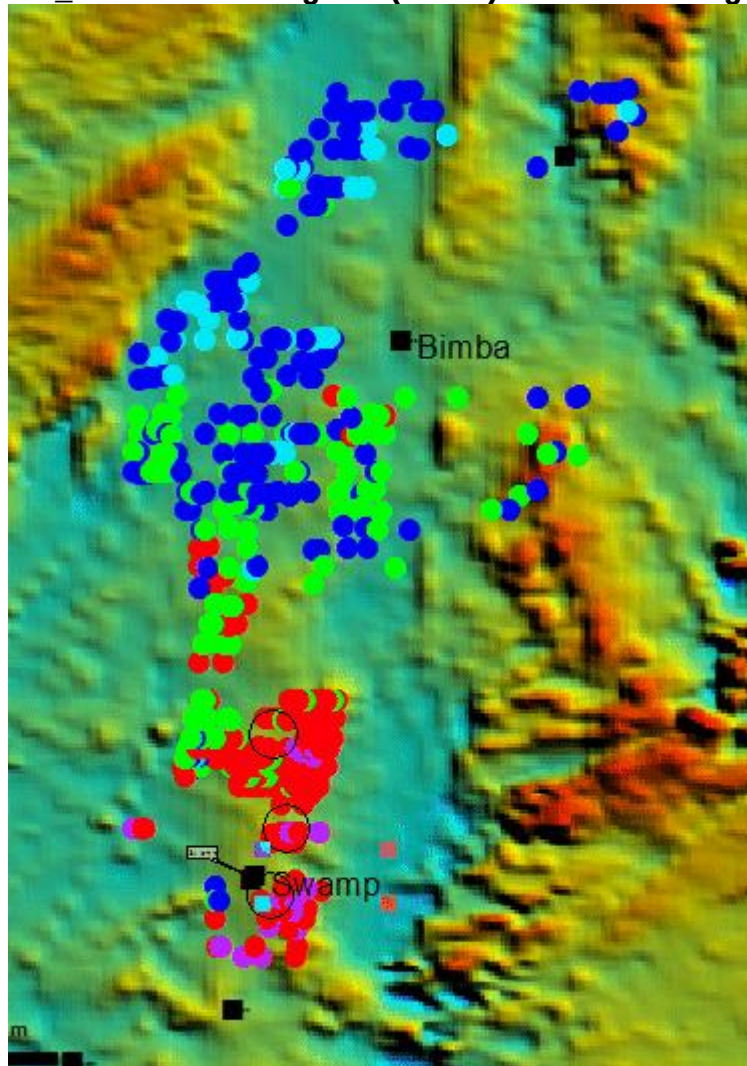


At Prentie S the cyanide data defined a Au-Ag anomaly in an area not covered previously by the aqua regia digest soils and calcretes.

VX_01 Zr-Y-La-Ce-Pb-Co (-ve Ca) – rare earth grouping

The distribution of values of this factor are complex. There is a clear association of high values associated with low Ca values. The situation is however more complex and some higher values are associated with more elevated Ca values. In these instances the Ca is associated with Se. This would appear to relate to buffering problems in the digest due to subtle PH variations in the soil. The Se would suggest a component of gypsum in soils. The rare earth group are therefore going into solution when the Ca content of the leachate is low or the PH is lowered by the presence of SO₄ (Se) ions. This is an off - on process with values for the dependent variable oscillating between below detection limit and high values in adjacent samples.

VX_02 Fe-Cr-Ni-Ag-Cu (w Au) – iron lithological group



This factor is again most likely to be reacting to soil changes rather than underlying lithology. Values for the factor are high near Swamp and decrease going towards the north where there is increasing influence from salt lakes.

Other Factors

All give erratic distributions of high and low values. There is no correlation with the known gold responses and they provide no focus to the exploration process.

The factors mirror the distribution of the individual elements which are erratic as well.

Outliers

15 samples have been selected as outliers because of extreme values for one or a number of variables. These include 2 of the samples from the Prentie S.

It is unlikely that any of the others are significant as many are As-Mo associated with elevated Se. In the Coober Pedy area Mo anomalies were commonly associated with gypsum bearing (based on aqua regia Ca and S) samples rather than bedrock features.

These samples are flagged in the CYANIDE_SOILS.SHP file and can be checked for geological context.

SUMMARY

Work on the aqua regia digest soils determined the effect of calcrete on the assay contents of Au and the other assay variables. The data have been normalised according to these parameters.

For gold this highlights some additional features mainly in the area N of Myall. The process has lifted a number of samples above an 8 ppb threshold level. The process is constrained by two factors:

- Calcrete soils have a high broad gold background just above the detection limit in prospective areas.
- The maximum normalising factor used was 4 for very low calcium soils. Higher factors are not possible with 1 ppb detection limit data as 2ppb (just above the detection limit) becomes 8 on a normalised basis.

For the other elements the major feature is dilution of the signature as the Ca content of the samples rises to extreme levels. The normalisation factors are very close to unity. Statistically the variations can be seen in the high quality data for these elements but the normalisation has little affect because the range of values for these elements are very constrained. The Cu Ni and Zn data are highly correlated and the patterns of a combination of these 3 variables suggest soil type changes (subtle changes in Fe content) are the major control of variations in these metals.

The cyanide digest is robust for gold and silver. Cyanide Au values correlate with aqua regia Au features in the Swamp area. The cyanide data have defined an Au-Ag anomaly in the S Prentie area.

The data for the other elements is problematical. The cyanide leach is poorly buffered and the distribution patterns for individual elements and factors scores is very erratic. There is also evidence for batch affects in

the data (low sample numbers 1-2 vs 20-30 thousands) S of Sheoak. This problem occurred with this digest in the Coober Pedy area where two sets of data collected under different soil moisture conditions gave different results (2-5x) for elements such as Cu.

The aqua regia digest is more robust. I would recommend that Fe and Mn are always included in the assay suite so that their control on variables such as Ni Cu Co Cr Zn Pb and As can be accessed.

In conclusion this study has quantified the relationships between Ca and other variables allowing the data to be normalised. This has highlighted some subtle features but not had a dramatic affect on the interpretation of the data.

Richard Carver

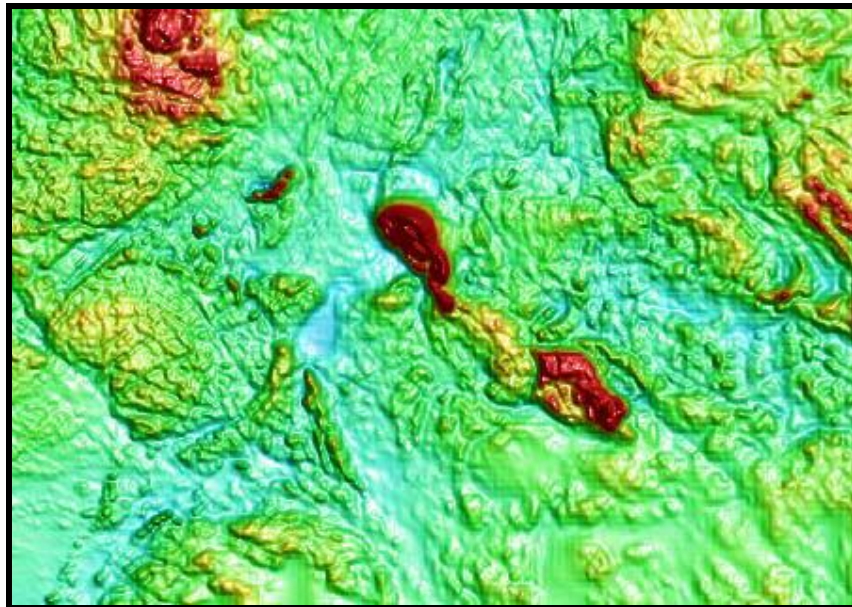
May 2004

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ANNUAL TECHNICAL REPORT

**EL 2761 NUCKULLA HILL,
SOUTH AUSTRALIA**

FOR YEAR ENDING 18th OCTOBER 2005



R.B. Flint

June 2006

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ANNUAL TECHNICAL REPORT

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FOR YEAR ENDING 18th OCTOBER 2005

**R.B. Flint
(Senior Geologist)**

June 2006

SUMMARY

- The southern portion of the Yarlbirinda Shear Zone was the target for three exploratory RC drillholes by Minotaur Exploration with funding assistance from PIRSA through a Plan for Accelerated Exploration (PACE project DPY-46).
- Exploration strategy was to assess if IOCG-style mineralisation, similar in character to Olympic Dam and Prominent Hill deposits, might also be present proximal to the Yarlbirinda Shear Zone.
- Gravity anomalies with amplitudes of 2–5 mGals are present adjacent to the Myall and Sheoak gold prospects within the Yarlbirinda Shear Zone.
- Drilling intersected coarse-grained granite, leucogranite, pegmatite, silica-rich mylonite, diorite and gabbro, all variably deformed, and all represent Palaeoproterozoic Tunkillia or St Peter Suite lithologies.
- The presence of gabbro adequately accounts for the modest gravity anomalies.
- No anomalous assay values were recorded and potential for hematite-rich IOCG-style mineralisation adjacent to the Myall and Sheoak gold prospects has been downgraded.

MAP REFERENCE: 1:250 000:

MAP REFERENCE: 1:100 000:

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Meelera (5835) and Childara (5834)

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INTRODUCTION

EL 2761 (Nuckulla Hill) (renewed as EL 3460) is situated near the western margin of the Gawler Ranges on the central portion of the Gawler Craton, central South Australia (Figure 1). Licensee for the tenement is Equinox Resources Ltd and the tenement is subject to a joint venture with Minotaur Exploration Ltd as operator.

Rock exposures of Mesoproterozoic Gawler Range Volcanics and Hiltaba Granite occur extensively within the Gawler Ranges, but to the west and encompassing a significant portion of EL 2761, exposures are limited (Blissett, 1980; Blissett, 1985; Blissett et al, 1993) (Figure 2). However, concealed beneath a thin veneer of Cainozoic sediments is the N–S Yarlbirinda Shear Zone along which are several prospects containing quartz-vein hosted gold mineralisation (Tunkillia, Myall and Sheoak). Further north along the shear zone is the Tunkillia Prospect where Helix Resources have defined a total JORC resource for the Tunkillia Prospect of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). At all these localities, gold is believed to be associated with hydrothermal fluids emanating from a Hiltaba Suite pluton or batholith.

These gold occurrences are located within the Central Gawler Gold Province, a term applied to a significant number of Mesoproterozoic gold-only prospects in the central Gawler Craton in comparison to the eastern Gawler Craton where mineralised systems are hematite-rich and polymetallic (gold, copper, uranium and rare earths) or abbreviated to IOCG-style deposits (Fe oxide copper–gold). Examples of these deposits include Olympic Dam and Prominent Hill.

The difference in mineralisation styles may be real and reflect regional fundamental variations in source fluids and hydrothermal solutions or alternatively the difference may only be apparent and reflect the lack of mineral exploration in the Central Gawler Gold Province for IOCG-style deposits.

During late 2004, Minotaur Resources Ltd successfully applied for a grant from Primary Industries and Resources of South Australia (PIRSA) through its Plan for Accelerated Exploration (PACE) to drill test two gravity anomalies in close proximity to the Yarlbirinda Shear Zone in order to investigate whether hematite-rich breccia pipes and subvolcanic

complexes similar in style to typical Mesoproterozoic IOCG deposits of the eastern Gawler Craton occur. This report not only summarises the geological and geophysical results arising from this drilling program but also incorporates other gravity surveys conducted further north on the tenement.

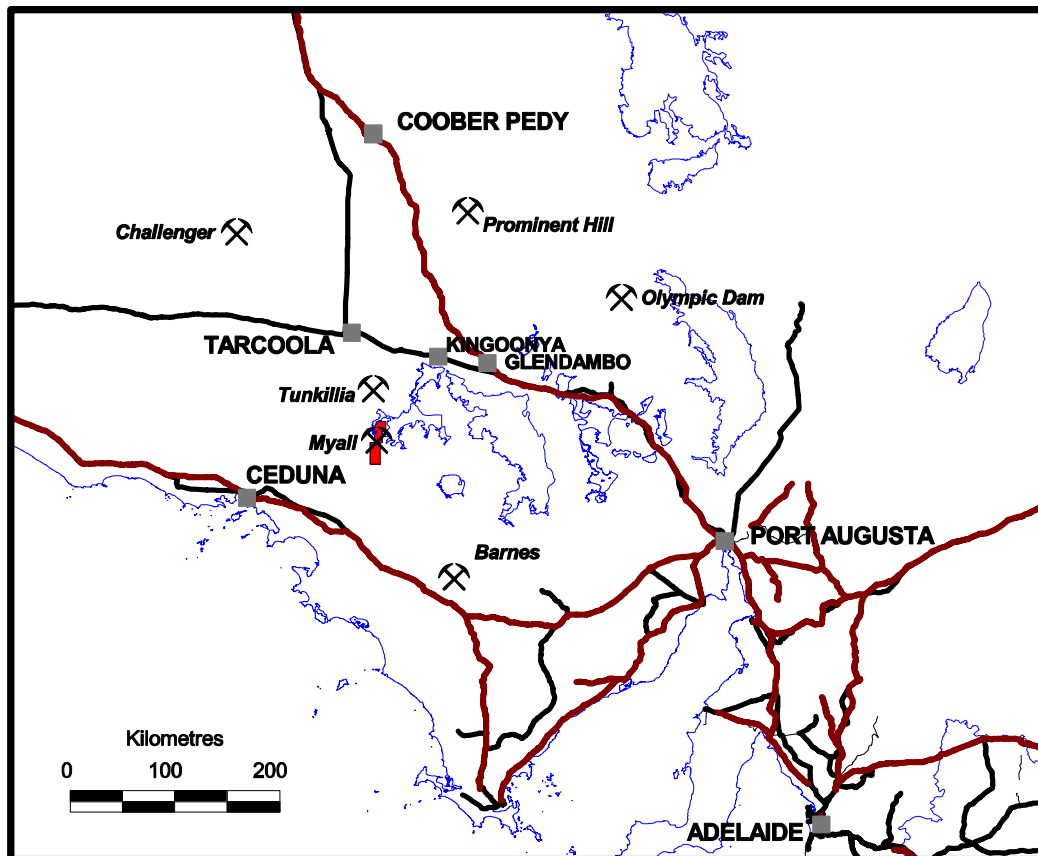


Figure 1: Location plan for EL 2761, South Australia

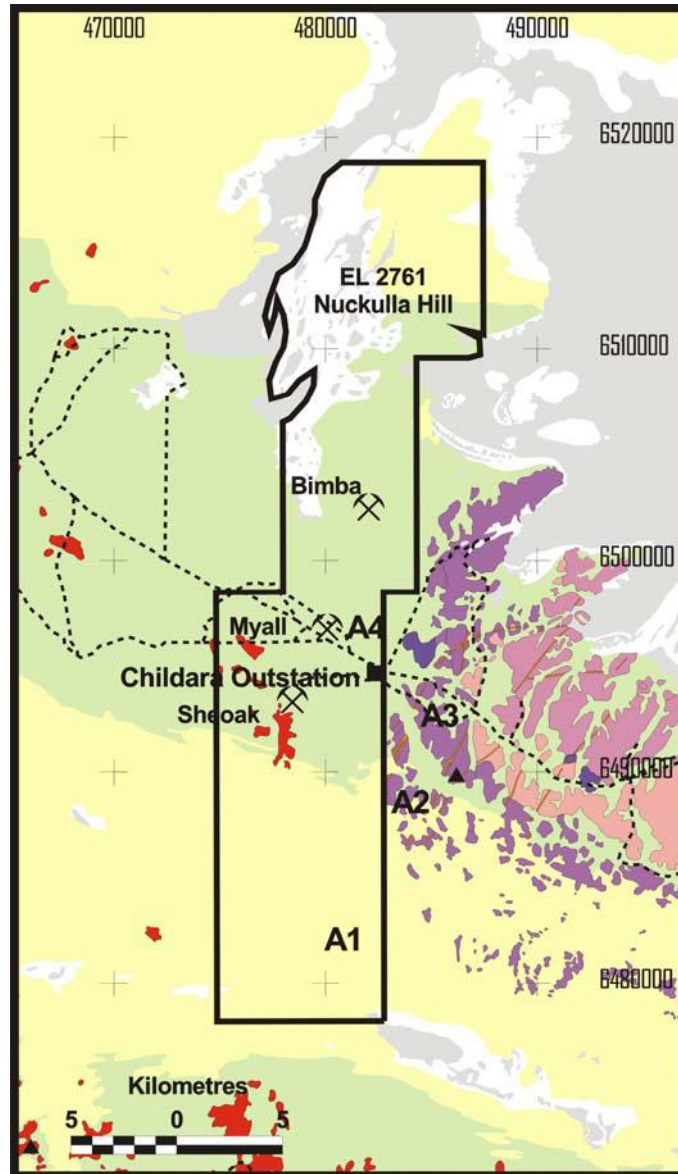


Figure 2: Outcrop geology of the Nuckulla Hill area, after Blissett (1980), and location of gravity anomalies (A1–A4). EL 2761 (Nuckulla Hill) (renewed as EL 3460)

REGIONAL GEOLOGY AND TECTONICS

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, granitoids emplaced include the Tunkillia Suite (~1690 Ma) and St Peter Suite (~1620 Ma), and were probably synorogenic with associated deformation during late stages of the Kimban and Kararan Orogenies. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and N-trending Yarlbirinda Shear Zone. The Yarlbirinda Shear Zone (west of the Gawler Ranges) and Yerda Shear Zone are up to several kilometres wide with ductile shearing and deformation probably occurring before ~1600 Ma and before Mesoproterozoic anorogenic magmatism (Figure 3) (Daly et al., 1998).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu-Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralisation at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993). Displacements along NE- and NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.

REGIONAL MINERALISATION

Quartz-vein hosted gold mineralisation is known from several prospects along the Yarlbirinda Shear Zone (Tunkillia, Myall and Sheoak) and also further north at the historical Glenloth and Tarcoola Goldfields. At all these localities, gold is believed to be associated with hydrothermal fluids emanating from a Hiltaba Suite pluton or batholith.

Helix Resources have defined a total JORC resource for the Tunkillia Prospect of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). Host rocks within the Yarlbirinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone

comprising sericite and chlorite, with mineralisation most likely related to fluids emanating from a Hiltaba Suite granite and preferentially focused along the Yarlbirinda Shear Zone.

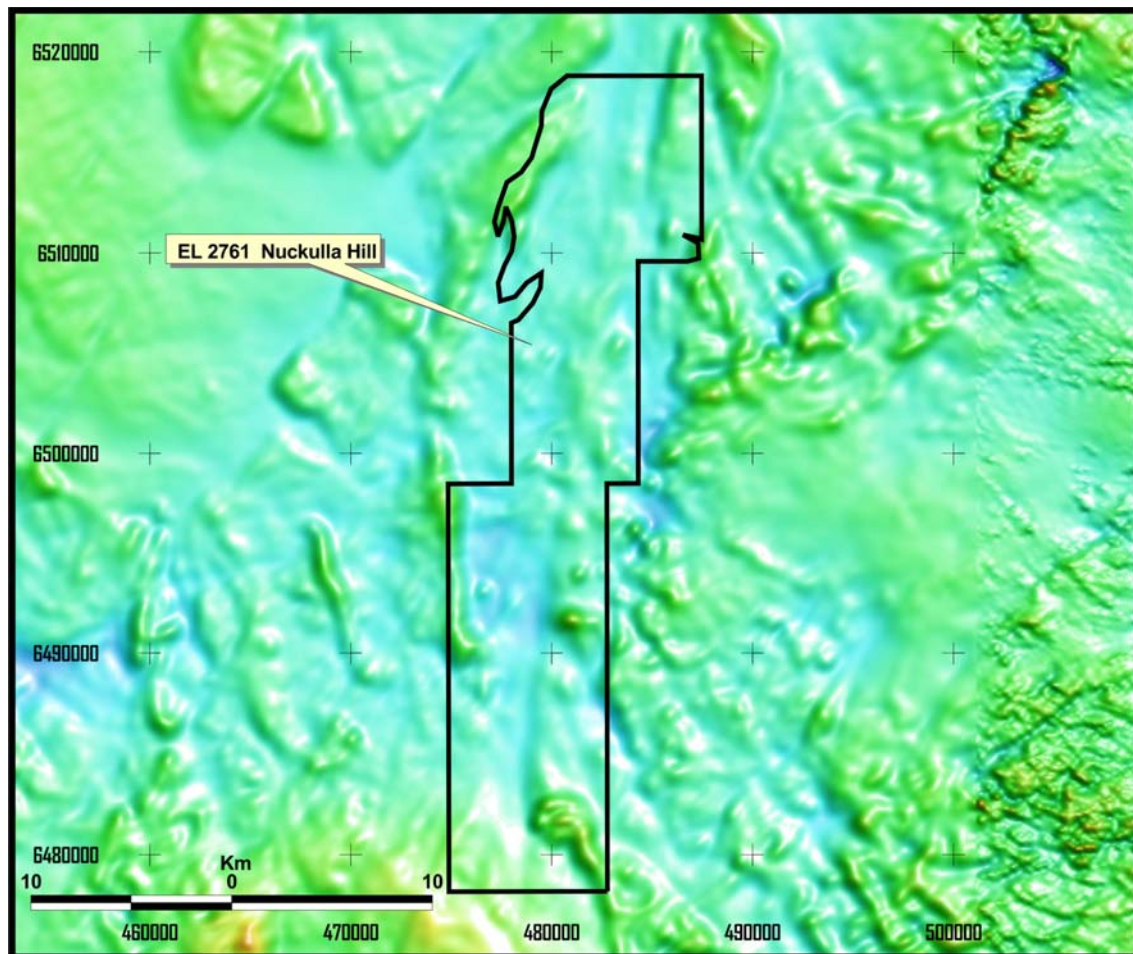


Figure 3: TMI image for EL 2761 (PIRSA data)

Other prospects further south along the Yarlbirinda Shear Zone include Myall, Sheoak and Bimba Prospects discovered by Equinox Resources during 1995–1997. Initial calcrete sampling was successful and subsequent exploration included RAB, RC and diamond drilling programs, encountering significant anomalous gold. Intercepts included 7 m at 3.1 g/t Au (52-59 m in NHAC26) and 22 m at 1.1 g/t Au (113-135 m in NHRC-1) at the Sheoak Prospect (Parker, 2003).

Near the southwest Gawler Ranges (SE of the Yarlbirinda Shear Zone), gold mineralisation at the Barnes and White Tank prospects discovered by Adelaide Resources Ltd is spatially near

Hiltaba Suite granitoids though hosted within Tunkillia Suite granodiorite. Significant gold intersections include 12 m at 3.38 g/t (RCBN123), 6 m at 4.40 g/t (RCBN51), 8 m at 2.97 g/t (RHBN50) and 2 m at 67.6 g/t (RCBN129) (Barnes Prospect) and 17 m at 3.47 g/t Au (White Tank) (Drown, 2003).

GRAVITY SURVEYS

Haines Surveys Pty Ltd conducted gravity surveys within EL 2761 in 2003, 2004 and March, May and June 2005 resulting in a total of 1443 stations. Infill surveys were conducted in Areas 1–7 (Figure 4) and all data merged to produce regional Bouguer, residual and first vertical derivative gravity images (Figures 5–7).

Area 1 consisted of 21 regional gravity stations in a regular grid comprising 3 E–W trending lines and station intervals of 1 km. The lines of regular length were bounded in the west by 478000E, in the east by 484000E, in the south by 6501000N and in the north by 6505000N (GDA94 zone 53). The line lengths are 6 km (Figure 4).

Area 2 consisted of 265 regional gravity stations in a regular grid comprising 23 E–W trending lines and station intervals of 400 m. The lines of irregular length were bounded in the west by 477600E, in the east by 483200E, in the south by 6509800N and in the north by 6518600N (GDA94 zone 53). The line lengths are 5.6 km and 3.6 km (Figure 4).

Area 3 consisted of 64 regional gravity stations in a regular grid comprising 8 E–W trending lines coincident and station intervals of 400 m. The lines of regular length were bounded in the west by 484800E, in the east by 487600E, in the south by 6509400N and in the north by 6512200N (GDA94 zone 53). The line lengths are 2.8 km (Figure 4).

Area 4 consisted of 273 regional gravity stations in a regular grid comprising 13 E–W trending lines coincident and station intervals of 200 m. The lines of regular length were bounded in the west by 480000E, in the east by 484000E, in the south by 6505000N and in the north by 6509800N. The line lengths are 4 km (Figure 4).

Area 5 consisted of 152 regional gravity stations in a regular grid comprising 8 E–W trending lines with station intervals of 200 m along lines 400 m apart (Figure 4).

Area 6 consisted of 49 regional gravity station in a regular grid comprising 7 E–W trending lines with station intervals of 200 m along lines 400 m apart (Figure 4).

Area 7 consisted of 100 regional gravity stations in a regular grid comprising 10 E–W trending lines with station intervals of 400 m along lines 400 m apart (Figure 4).

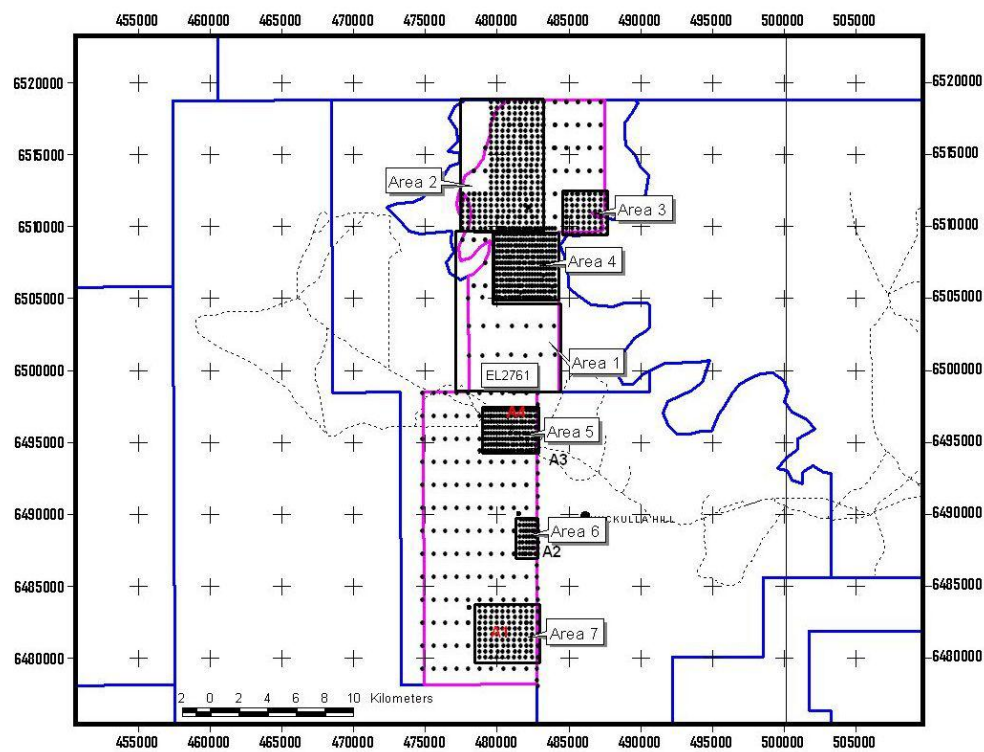


Figure 4: Gravity stations for EL 2761 Nuckulla Hill

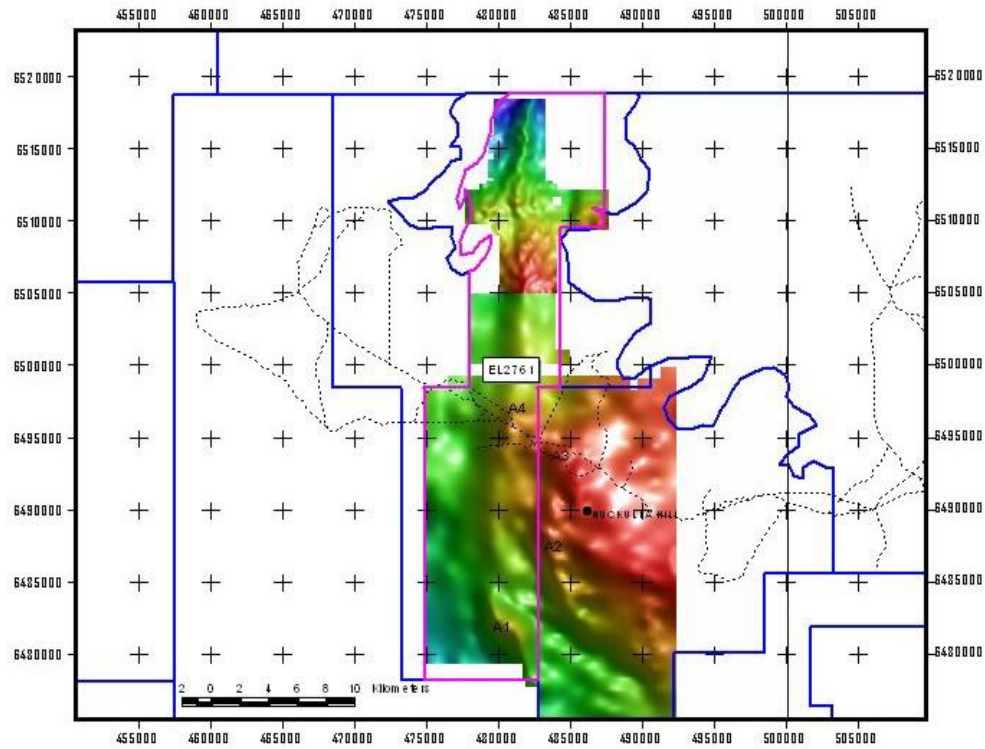


Figure 5: Bouguer gravity image for EL2761 Nuckulla Hill

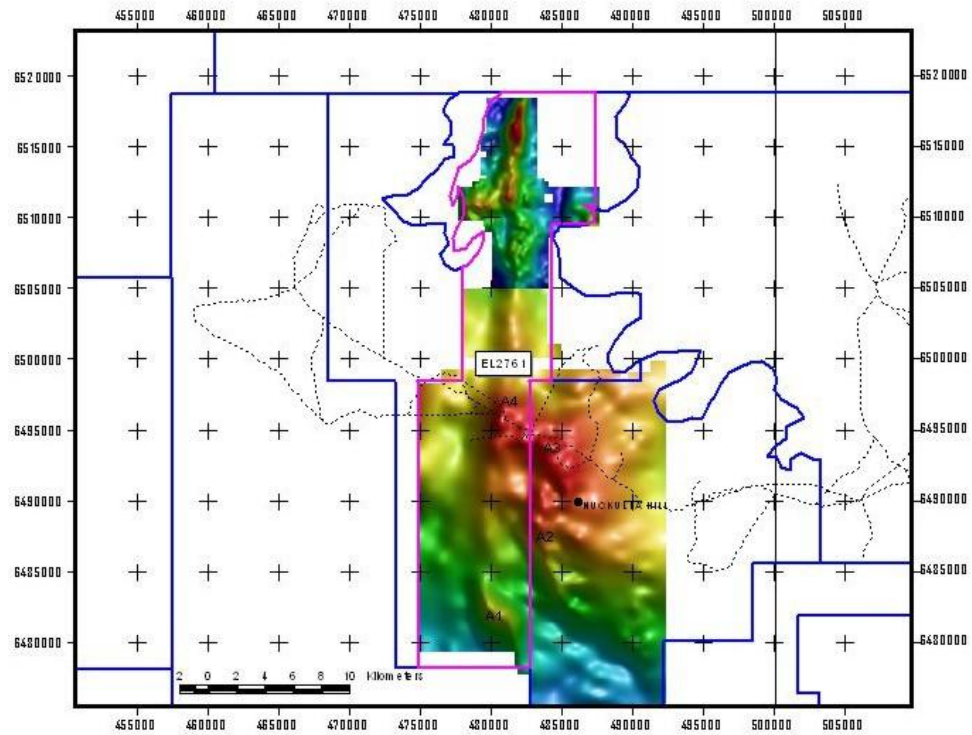


Figure 6: Residual gravity image for EL2761 Nuckulla Hill

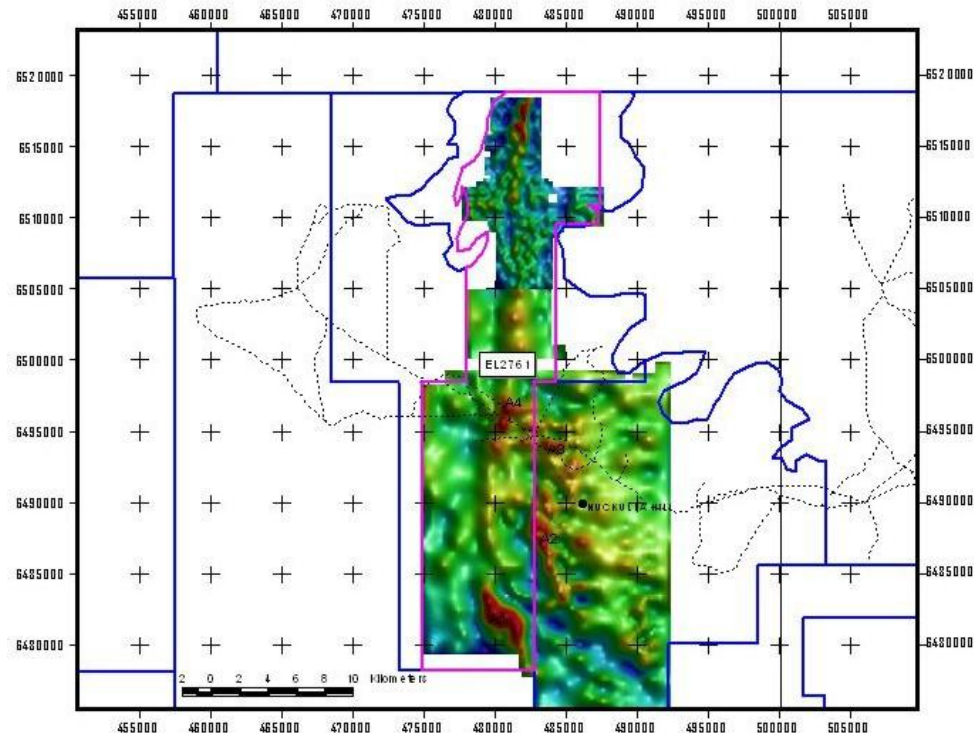


Figure 7: First vertical derivative gravity image for EL2761 Nuckulla Hill

GRAVITY DATA AND INTERPRETATION (SOUTHERN EL 2761)

Located east of the Yarlbirinda Shear Zone are four positive residual gravity anomalies (Figures 5–9). The southernmost anomaly (A1) has the greatest amplitude of ~5 mGals, and is coincident with a significant aeromagnetic anomaly. It was previously drill tested by Equinox Resources with mafic–ultramafic lithologies intersected and a 3 m interval of gabbro within NHAC 234 assayed 700 ppm Ni and 550 ppm Cr. Emplacement age for the gabbro is not known.

Anomalies A2 and A3 are coincident with lower Gawler Range Volcanic strata exposed near Nuckulla Hill and also weak aeromagnetic anomalies. Both anomalies have approximate dimensions of 4 x 2 km and amplitudes of 2 mGals (Figures 5-9). Field checking of exposures near Anomaly A2 revealed only fresh porphyritic dacite whereas spoil from a well near Anomaly A3 was of weathered andesite though exposed lithologies are porphyritic rhyodacite–dacite of the Mangaroongah Dacite. The possible presence of an andesite-rich underlying unit could account for the weak positive geophysical anomalies.

The northernmost anomaly (A4) is immediately adjacent to both the eastern margin of the Yarlbirinda Shear Zone and the Myall Au prospect and in a zone of no basement exposure. The anomaly is ~2.5 km in diameter with an amplitude of 3 mGals, and had not previously been drill tested (Figures 5–9).

The 3D inversion of the gravity data indicated modest density variations of 0.117 g/cc³ in comparison with gravity models over known IOCG deposits, however it is consistent with the low-amplitude anomaly represented in the Bouguer gravity data (Figure 8).

Two 2D gravity models over the gravity anomaly obtained depths to interpreted modelled target bodies ranging from 130 to 150 m. Densities of 2.85 g/cc³ were used for all modelled bodies.

Considering the proximity of the gravity anomaly to the Myall Prospect, it was considered possible that gold-only mineralisation within the Yarlbirinda Shear Zone might represent peripheral mineralisation to a nearby hematite-dominated Cu+Au IOCG-style ore body.

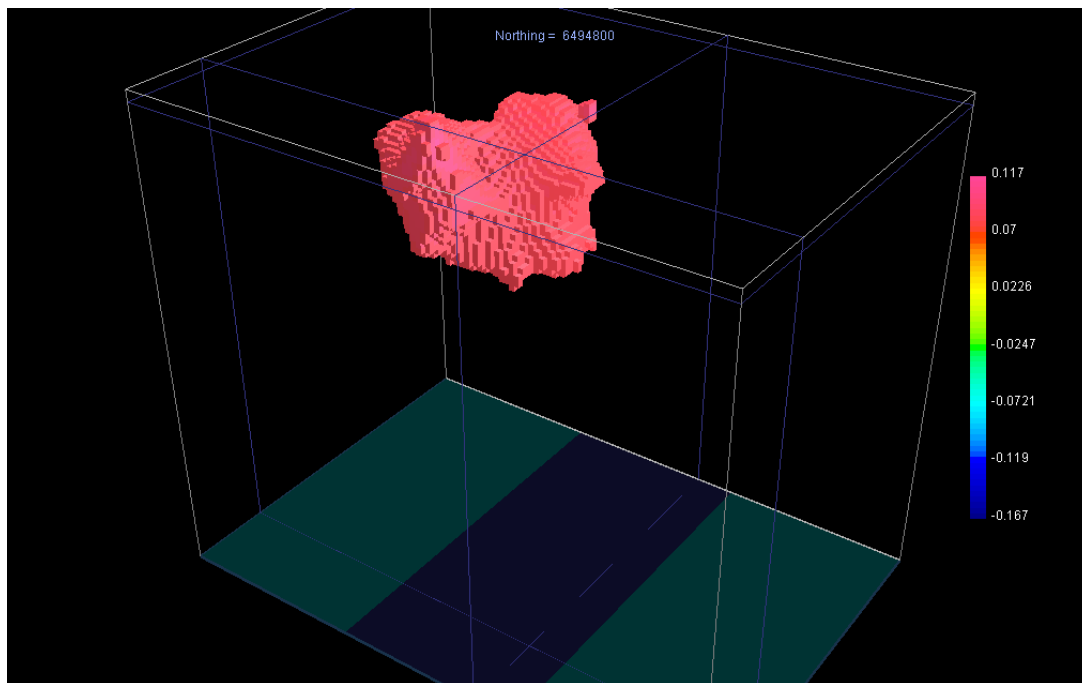


Figure 8: 3D Inversion model of gravity anomaly A4

DRILLHOLE SITE INFORMATION

Considering the proximity of gravity anomaly A4 to the Myall Prospect, it was considered possible that the anomaly might indicate the presence of a hematite-dominated Cu+Au IOCG-style ore body with peripheral gold-only mineralisation within the Yarlbirinda Shear Zone at the Myall Prospect. Three inclined RC drillholes targeted this gravity anomaly in order to precisely ascertain the lithological nature and alteration styles present within basement lithologies (Figure 9) (Table 1).

HOLE_ID	TYPE	DEPTH (m)	mE	mN	ORIENTATION
NK05R001	RC	279	480900	6496400	60° to 270°
NK05R002	RC	258	480380	6495600	60° to 270°
NK05R003	RC	230	480600	6495600	60° to 270°

Table 1: Drillhole coordinate data, orientation and depth data for drillholes

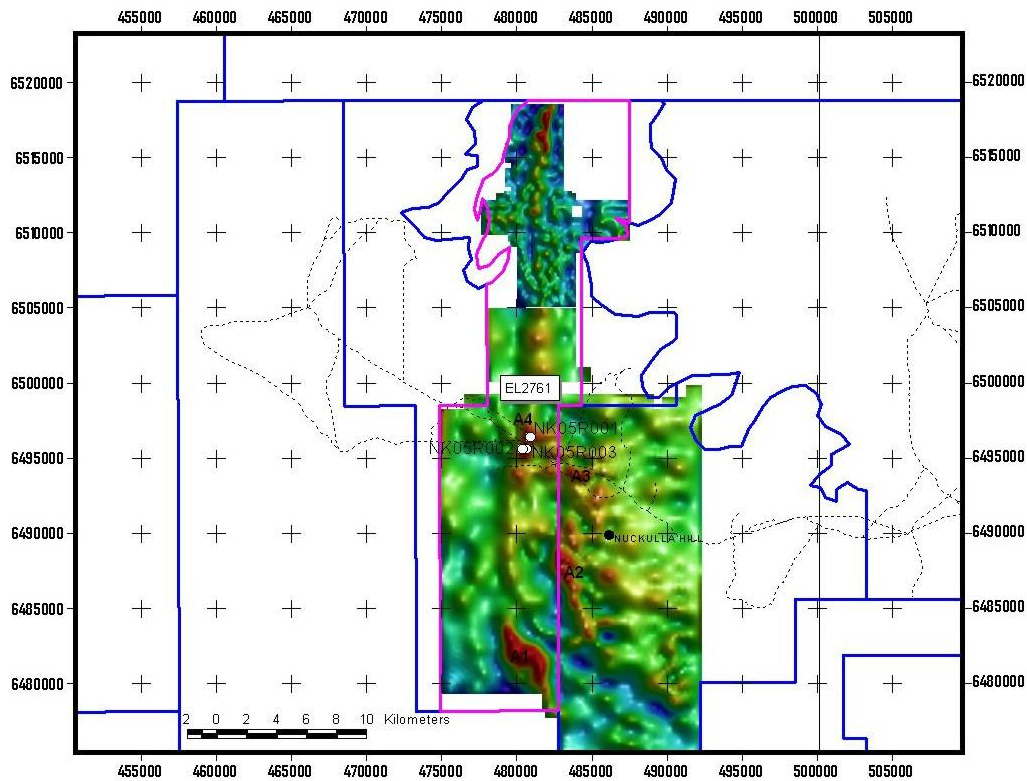


Figure 9: Drillhole and gravity anomalies locations (A1 – A4)

Field locations for the drillholes were determined using a hand-held GPS unit in the GDA94 (Zone 53) coordinate system (Table 1). Drilling was undertaken by Frank Walsh Drilling in June 2005. Representative chip samples for all basement lithologies are in the process of being transferred to PIRSA's Core Library in Adelaide for permanent storage.

DRILLHOLE GEOLOGY

Cover sediments in vicinity of the drill holes are very thin, less than 4 m thick, and comprises Quaternary clay impregnated with calcrete.

Basement lithologies intersected in the drillholes are all assigned stratigraphically to either the Palaeoproterozoic Tunkillia Suite or St Peter Suite. All lithologies commonly display a variable development of a ductile tectonic fabric from very weak (massive to foliated) through moderate (gneiss and mylonite) to intense (ultramylonite) and indicate that lithologies and associated deformation predate the Mesoproterozoic Gawler Range Volcanics and Hiltaba Suite granitoids.

The dominant lithologies are coarse-grained granite (consisting of quartz, feldspar and biotite), leucogranite (quartz and feldspar), pegmatite (quartz and feldspar), silica-rich mylonite, diorite and gabbro (Tables 2–4) (Appendix A). Granitoids exhibit moderate to high alteration with coarse epidote being particularly common and with lesser sericite. Diorite is strongly altered to a mixture of actinolite, chlorite, albite, epidote and iron oxide. Gabbro is also highly altered, as exemplified by primary coarse plagioclase that is now albitic and unusually red in drill chips. Mafic minerals are now predominantly actinolite, chlorite and epidote with rare apatite. Coarser, less altered varieties contain titanomagnetite resulting in elevated magnetic susceptibilities of $5\text{--}40 \times 10^{-4}$ CGS units.

The dominant alteration phase for both mafic and felsic lithologies is epidote which is coarse grained and a bright apple-green colour. Veins present also contain epidote along with calcite, chlorite, adularia and quartz. Sericitic alteration also occurs but is not as common as epidote alteration. Minor pyrite is present and rare trace chalcopyrite was observed in thin sections.

NK05R001		
Depth from	Depth to	Lithology
0	2	Quaternary clay and calcrete
2	48	Very weathered basement comprising yellow-brown saprolitic clay
48	71	Dark green, grey, pink, coarse-grained granite to adamellite
71	98	Pinkish, coarse-grained, quartz+feldspar+biotite granite with weak mylonitic foliation and widespread epidote
98	100	Leucocratic pegmatoid
100	111	Pinkish grey, mylonitised, coarse-grained granite with widespread epidote
111	112	Ultramylonite
112	114	Pinkish grey, mylonitised, coarse-grained granite with widespread epidote
114	115	Ultramylonite
115	118	Pinkish grey, mylonitised coarse-grained granite
118	123	Leucogranite rich in quartz and feldspar and containing minor sericite bands
123	124	Pinkish grey, medium-grained, mylonitised granite
124	126	Pink leucogranite containing sericite-rich bands
126	127	Pinkish, coarse-grained, quartz+feldspar+biotite granite
127	133	Pink leucogranite containing minor sericite
133	139	Pinkish, coarse-grained, quartz+feldspar+biotite granite with widespread epidote alteration
139	142	Pink leucogranite
142	143	Pinkish grey, coarse-grained, quartz+feldspar+biotite granite
143	145	Pink leucogranite
145	150	Greenish grey, fine-grained, granite (quartz+feldspar+biotite) with widespread epidote alteration
150	152	Predominantly pink leucogranite
152	160	Pinkish grey, medium- to coarse-grained, mylonitised granite ranging from quartz+feldspar rich phases to matrix rich (quartz+biotite+ feldspar) phases with moderate epidote alteration
160	165	Pink, medium-grained leucogranite with sericite bands
165	167	Pinkish grey, coarse-grained, mylonitised, quartz+feldspar+biotite granite with some sericite alteration
167	168	Pink, coarse-grained, leucogranite to pegmatoid
168	178	Pinkish grey, coarse-grained, mylonitised, quartz+feldspar+biotite granite with moderate sericite and epidote alteration
178	186	Grey, fine-grained, magnetite-bearing gabbro with small feldspar phenocrysts and widespread epidote alteration
186	187	Pinkish grey, medium-grained, mylonitised granite
187	188	Pale grey, fine-grained, mica-rich shear zone
188	189	Pinkish grey, coarse-grained granite
189	190	Pale grey, fine-grained, mica-rich mylonite
190	197	Pinkish grey, coarse-grained, mylonitised, quartz+feldspar+biotite granite with moderate sericite and epidote alteration
197	203	Pale grey, fine-grained, mica-rich mylonite with minor calcite veins
203	205	Pinkish grey, medium- to coarse-grained, mylonitised, quartz+feldspar+biotite granite with moderate epidote alteration
205	212	Grey, mylonitised granite grading to mica-rich mylonite
212	279	Grey to pinkish grey, magnetite-bearing gabbro characterised by low feldspar content (5-25%), actinolite/chlorite, magnetite. Strong pervasive late alteration of epidote, silica, calcite and minor pyrite
Petrology samples at 227-228m, 248-249m and 275-276m		

Table 2: Lithologies in drill hole NK05R001

NK05R002		
Depth from	Depth to	Lithology
0	4	Quaternary clay and calcrete
4	46	Very weathered basement comprising yellow-brown saprolitic clay
46	81	Greenish grey to pinkish grey, mylonitised, granite to granodiorite
81	135	Mylonite to ultramylonite (early phase) containing widespread (>50%) epidote alteration (with minor silica, calcite and pyrite) as distinct later phase event
135	147	Grey ?diorite with trace disseminated pyrite and widespread chlorite alteration and rare yellow ?apatite
147	155	Mylonite to ultramylonite (early phase) containing widespread (>50%) sericite and epidote alteration (with minor silica, calcite and pyrite) as distinct later phase event
155	156	Quartz vein with widespread trace pyrite
156	164	Magnetite-bearing gabbro characterised by brick-red feldspar (<2mm) (60%) in matrix of quartz, actinolite/chlorite and magnetite with moderate epidote alteration and trace pyrite
164	199	Greenish grey ?diorite and locally felsic pegmatoid veins with pervasive epidote and silica alteration with trace pyrite and yellow ?apatite
199	208	Greenish pink, medium- to coarse-grained gabbro with high epidote alteration (30-35%) containing trace pyrite
208	210	Quartz-rich zone with minor feldspar, sericite and chlorite
210	227	Granite to gneissic granite; pinkish green-grey, coarse-grained, quartz-rich, coarse-grained biotite
227	233	Fine-grained, dark greenish grey, quartz-veined ?diorite with moderate mylonitic fabric and trace pyrite and rare veins of calcite+fluorite
233	237	Ultramylonite; siliceous with strong mylonitic fabric
237	258	Pale greenish grey, mylonitised granite to quartz-rich gneiss with patchy epidote alteration Petrology samples at 112-113m, 136-137m, 158-159m, 186-187m and 201-202m

Table 3: Lithologies in drill hole NK05R002

NK05R003		
Depth from	Depth to	Lithology
0	2	Quaternary clay and calcrete
2	44	Very weathered basement comprising yellow-brown saprolitic clay
44	96	Granite grading from fine-grained to coarse-grained, pinkish green grey to red, comprising quartz+feldspar+biotite and locally mylonitised
96	113	Dark grey to red-grey, magnetite-bearing gabbro with tabular red feldspar crystals (<1mm) (<30%) in fine-grained matrix rich in quartz and chlorite and trace disseminated pyrite. Minor epidote + pyrite veins
113	153	Medium- to coarse-grained, red to dark greenish grey mylonitised granite with <60% K-feldspar, graphic feldspar+quartz and biotite with sericite + trace pyrite alteration (5%)
153	155	Dark grey, fine-grained ?diorite (plagioclase+?hornblende) with common veins of dolomite
155	159	Dark greenish grey, fine- to medium-grained, mylonitised granite with <30% K-feldspar, mafic-rich and with moderate epidote alteration
159	161	Greenish red, coarse-grained, weakly mylonitised granite
161	177	Dark greenish grey, fine- to medium-grained, mylonitised granite with moderate sericite and epidote alteration (locally 10-20%)
177	182	Coarse-grained, greenish pink granite with moderate sericite/epidote alteration both patchy and concentrated within discrete bands (5-15%)

182	188	Pink-green-grey, medium-grained, weakly mylonitised granite with quartz+biotite rich matrix
188	190	Coarse-grained, greenish pink granite with moderate sericite/epidote alteration both patchy and concentrated within discrete bands
190	197	Dark greenish grey, fine- to medium-grained, mylonitised granite with patchy sericite/epidote alteration (5-12%)
197	200	Pink, coarse-grained leucogranite
200	230	Dark greenish grey, fine- to medium-grained, mafic-rich, mylonitised granite with low-moderate epidote alteration (3-15%) and rare calcite veins
Petrology sample at 110-111m		

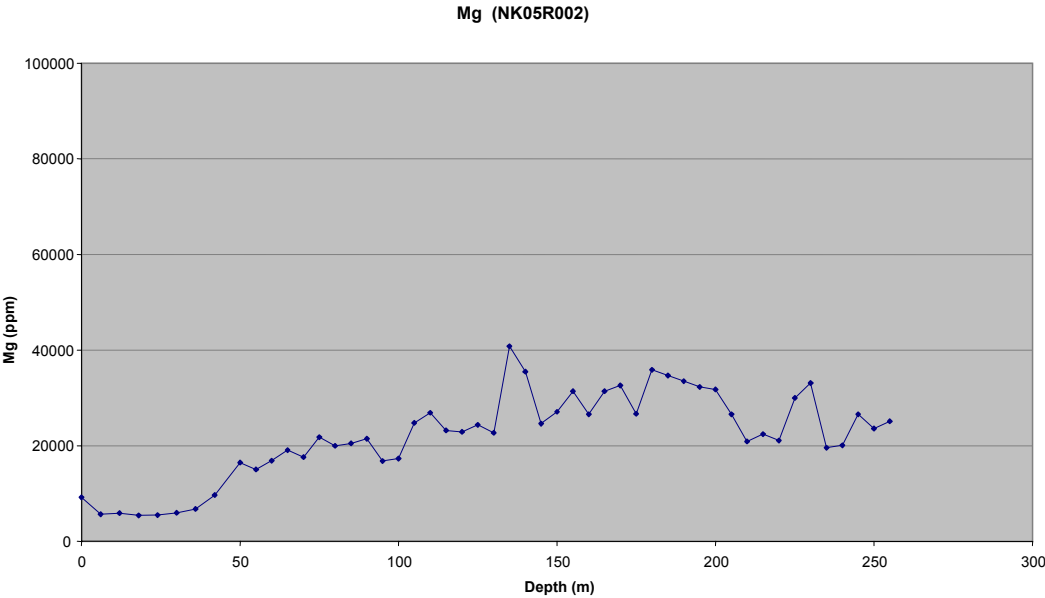
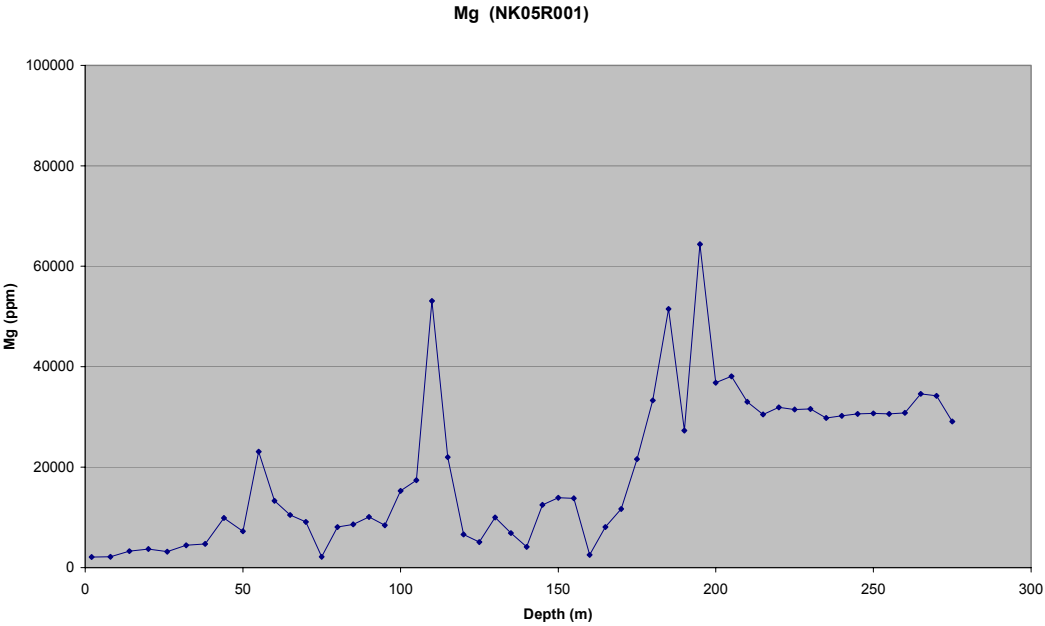
Table 4: Lithologies in drill hole NK05R003

GEOCHEMISTRY

Geochemical analyses have been undertaken on all units within the three drillholes. Cover sediments and highly weathered crystalline basement were sampled over 6 m intervals whereas fresh crystalline basement was sampled over 5 m intervals. Elements analysed were Ag, As, Au, Ba, Bi, Ca, Ce, Co, Cr, Cs, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sr, Ti, U, Y and Zn, and a complete tabulation of all analytical data is presented in Appendix B.

No significant Au or base metal assay values were obtained. Gold values are consistently low and only one value exceeded 0.01 ppm — maximum value was 0.03 ppm Au at 215–220 m in NK05R001. Silver values are all low and none exceeded 1 ppm. Highest Cu assay was a low 210 ppm at 255–260 m in NK05R001.

Plots of Fe and Mg values versus depth reveal significant variations that are broadly consistent with lithological variations between felsic granitoids–leucogranite and mafic intrusives of diorite–gabbro (Figures 10–11).



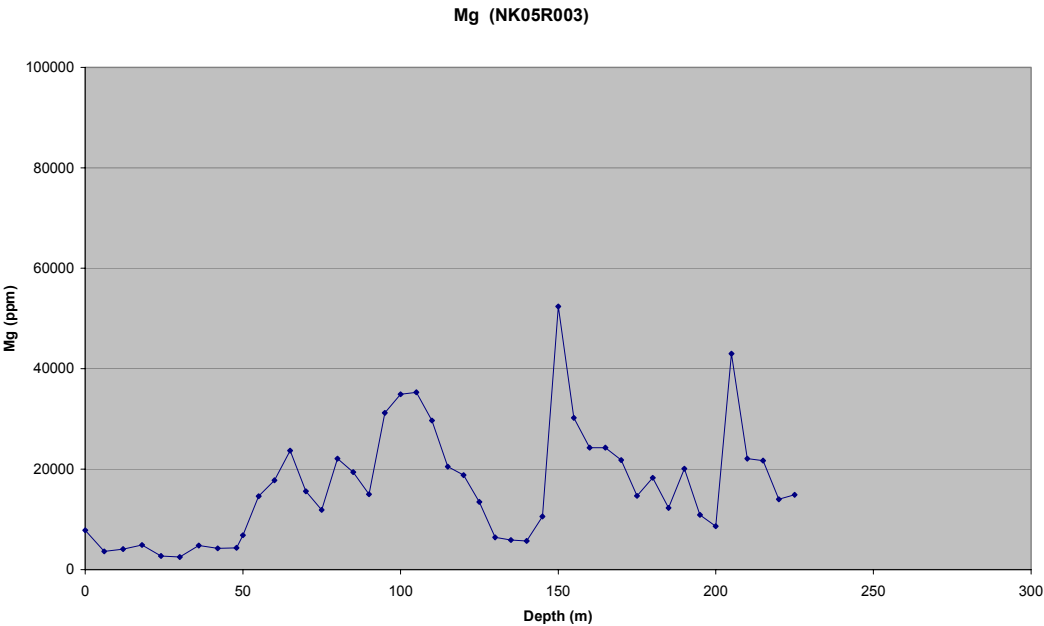
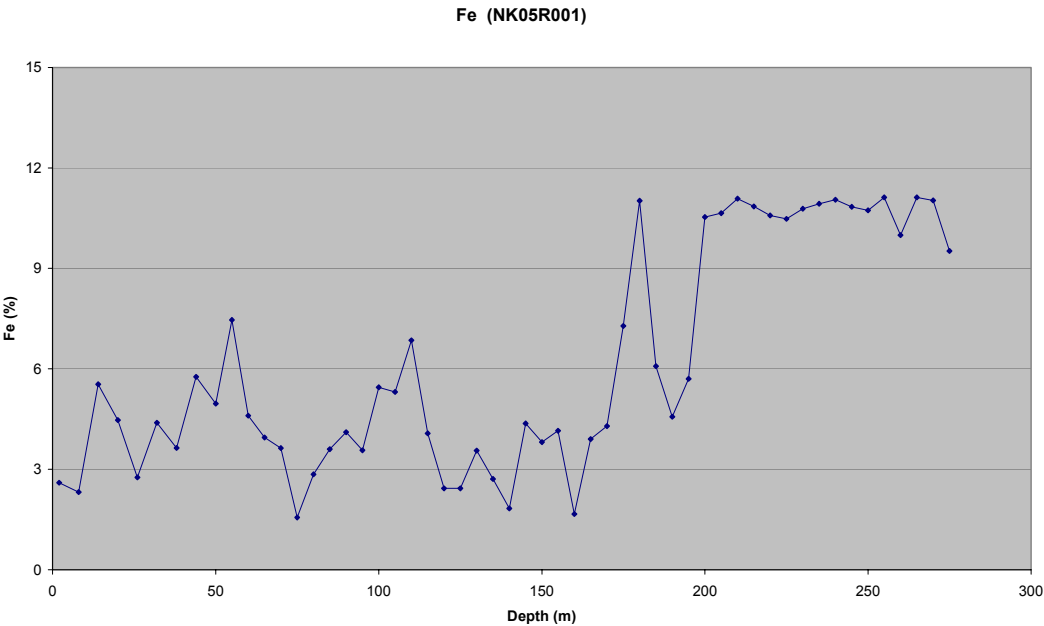


Figure 10: Magnesium values for drillholes NK05R001–NK05R003



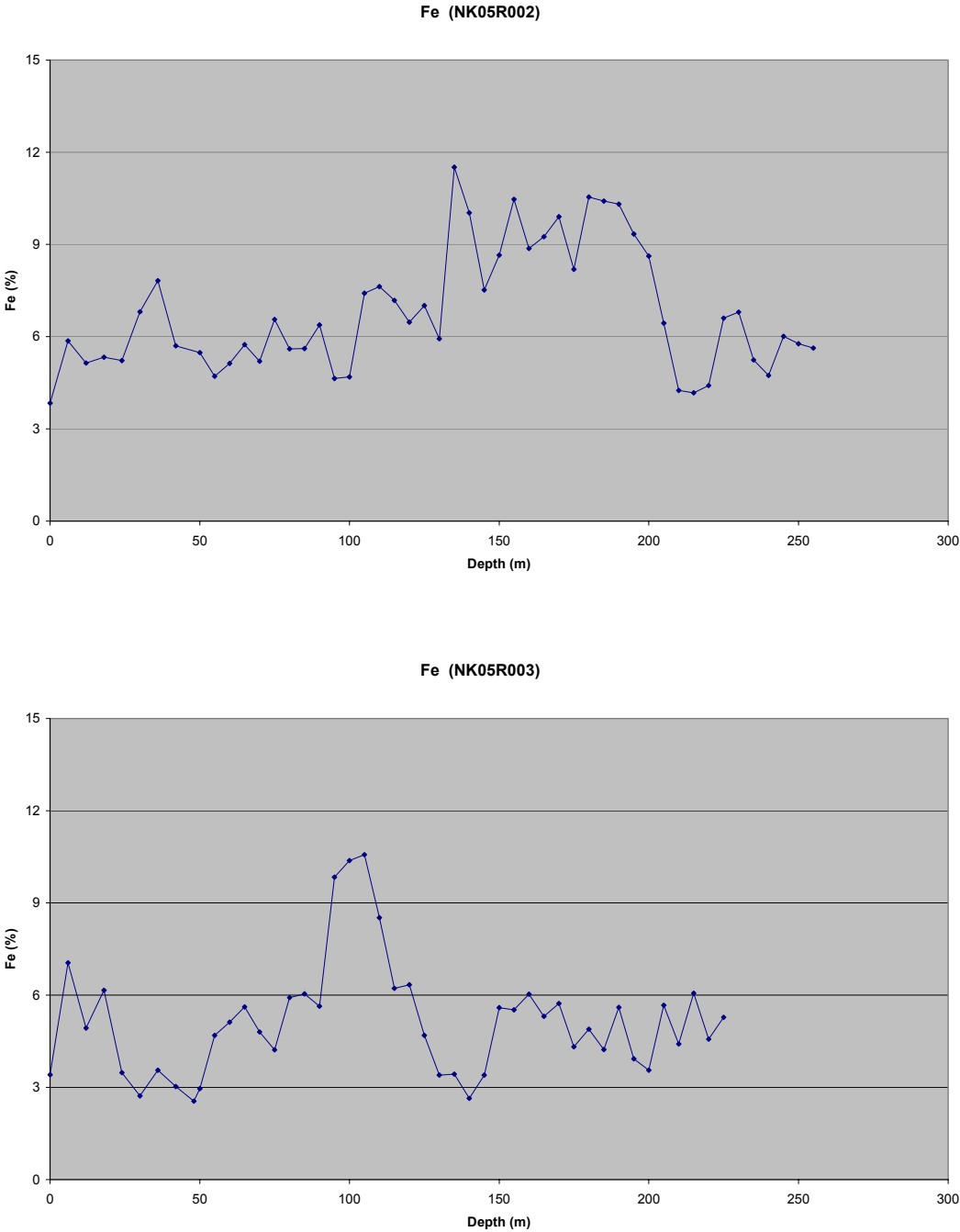
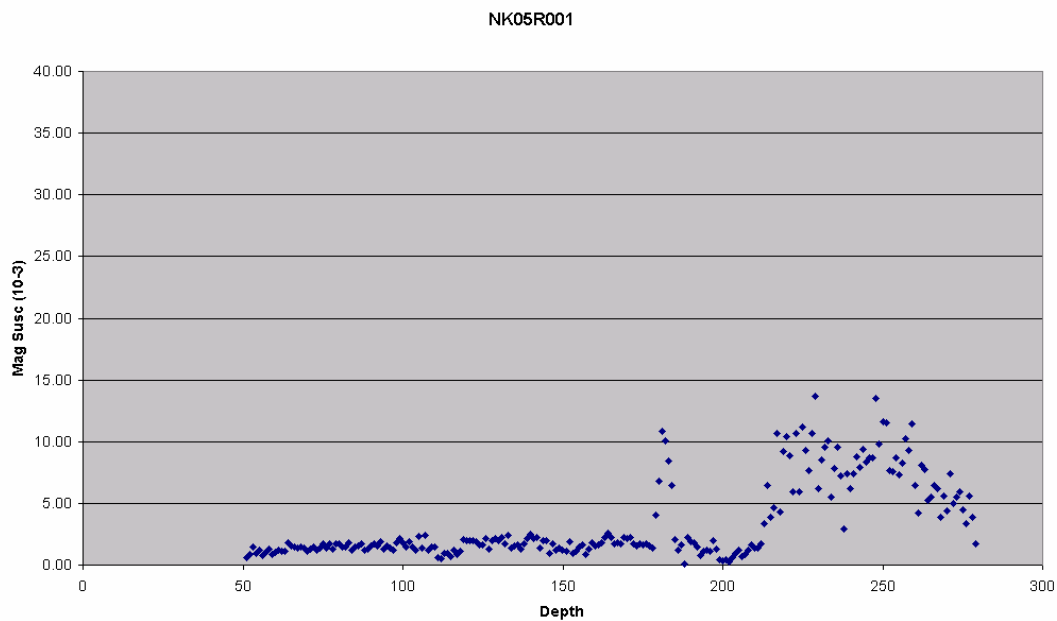


Figure 11: Iron values for drillholes NK05R001–NK05R003

PETROPHYSICAL RESULTS

Magnetic susceptibilities were determined on every 1 m interval. Values are uniformly low except for diorite–gabbro where less altered, coarse-grained varieties containing titanomagnetite have elevated magnetic susceptibilities of $5\text{--}40 \times 10^{-4}$ CGS units (Figure 12).

Measurements of specific gravity on the RC drill chips have not been determined. However, the mafic lithologies intersected in the drillholes are consistent with modelled densities of 2.85 and are believed to adequately account for the modest amplitudes (2–3 mGals) for the various positive gravity anomalies.



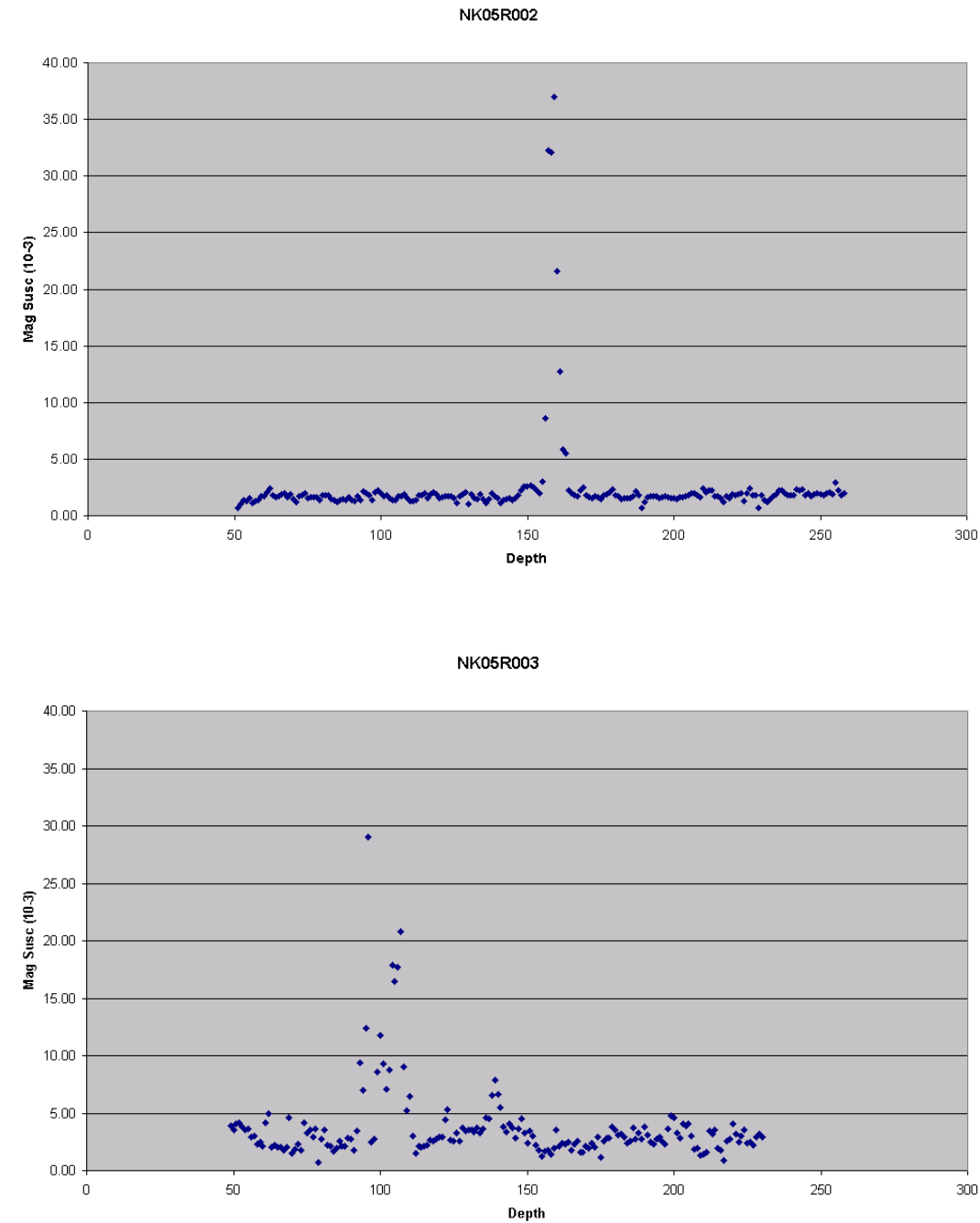


Figure 12: Magnetic susceptibility values within drillholes NK05R001–NK05R003

DRILLING CONCLUSIONS

Gravity surveys by Minotaur Resources (now Minotaur Exploration) in the Nuckulla Hill area of the western Gawler Ranges and the southern portion of the Yarlbirinda Shear Zone had defined four gravity anomalies of modest amplitudes of 2–5 mGals. These anomalies occur within the Central Gawler Gold Province, a region containing a significant number of Mesoproterozoic gold-only prospects. In contrast, the eastern Gawler Craton contains mineralised systems that are hematite-rich and polymetallic (gold, copper, uranium and rare earths). These differences in mineralisation styles may be real and reflect regional fundamental variations in source fluids and hydrothermal solutions or alternatively the difference may only be apparent and reflect the lack of mineral exploration in the Central Gawler Gold Province for IOCG-style deposits.

During late 2004, Minotaur Resources Ltd successfully applied for a grant from PIRSA through the PACE programme to drill test two gravity anomalies in close proximity to the Yarlbirinda Shear Zone and the Myall Prospect in order to ascertain if any are related to hematite-rich breccia pipes and subvolcanic complexes similar in style to typical Mesoproterozoic IOCG deposits of the eastern Gawler Craton.

Lithologies intersected in the three drillholes are all assigned stratigraphically to either the Palaeoproterozoic Tunkillia Suite or St Peter Suite. Dominant lithologies are coarse-grained granite, leucogranite, pegmatite, silica-rich mylonite, diorite and gabbro. Granitoids exhibit moderate to high alteration with coarse epidote being particularly common and with lesser sericite. Diorite is strongly altered to a mixture of actinolite, chlorite, albite, epidote and iron oxide. Gabbro is also highly altered, and primary coarse plagioclase is now albitic and unusually red in drill chips. Mafic minerals are now predominantly actinolite, chlorite and epidote with rare apatite.

No anomalous gold or base metal mineralisation was intersected and Au and Cu values are consistently very low.

Mafic lithologies intersected in the drillholes are consistent with modelled densities of 2.85 and are believed to adequately account for the modest amplitudes (2–3 mGals) for the various positive gravity anomalies.

All lithologies commonly display a variable development of a ductile tectonic fabric from very weak (massive to foliated) through moderate (gneiss and mylonite) to intense (ultramylonite) and indicate that lithologies and associated deformation predate the Mesoproterozoic Gawler Range Volcanics and Hiltaba Suite granitoids.

This drilling program has revealed that positive gravity anomalies proximal to the Au-only Myall and Sheoak Prospects of the southern Yarlbirinda Shear Zone are caused by Palaeoproterozoic mafic gabbros and not Mesoproterozoic, hematite-dominated, IOCG-style deposits. Due to financial assistance from PIRSA, exploration and drill testing of these anomalies were accelerated and this assistance was greatly appreciated.

GRAVITY DATA AND INTERPRETATION (NORTHERN EL 2761)

The Bouguer gravity image reveals a general decrease in amplitude northwards for tenement EL 2761. Superimposed on this trend, and evident in the Bouguer, residual and 1VD gravity imagery, is a N–S linear anomaly running along the Yarlbirinda Shear Zone for ~25 km. This linear gravity feature appears to thicken and become more prominent northwards, either increasing in density and/or decreasing in depth. In some areas, the amplitude of this linear anomaly is 2–3 mGals, however, the northern anomaly has a 4 mGal response (Figure 13).

In the south, the linear gravity anomaly is east of the shear zone, but northwards its northern extent is situated immediately west of the Yarlbirinda Shear Zone and in a zone of relative magnetic quiescence.

The source unit causing this linear gravity anomaly is considered to be a non-magnetic mafic intrusive (gabbro/dolerite) possibly emplaced prior to ductile deformation along the Yarlbirinda Shear Zone. Proximity of the possible intrusive immediately adjacent to the zone of maximum shearing may have resulted in it being a very favourable chemical trap for mobile Au-rich fluids within the structural conduit.

Further geophysical modeling of this linear gravity anomaly is continuing.

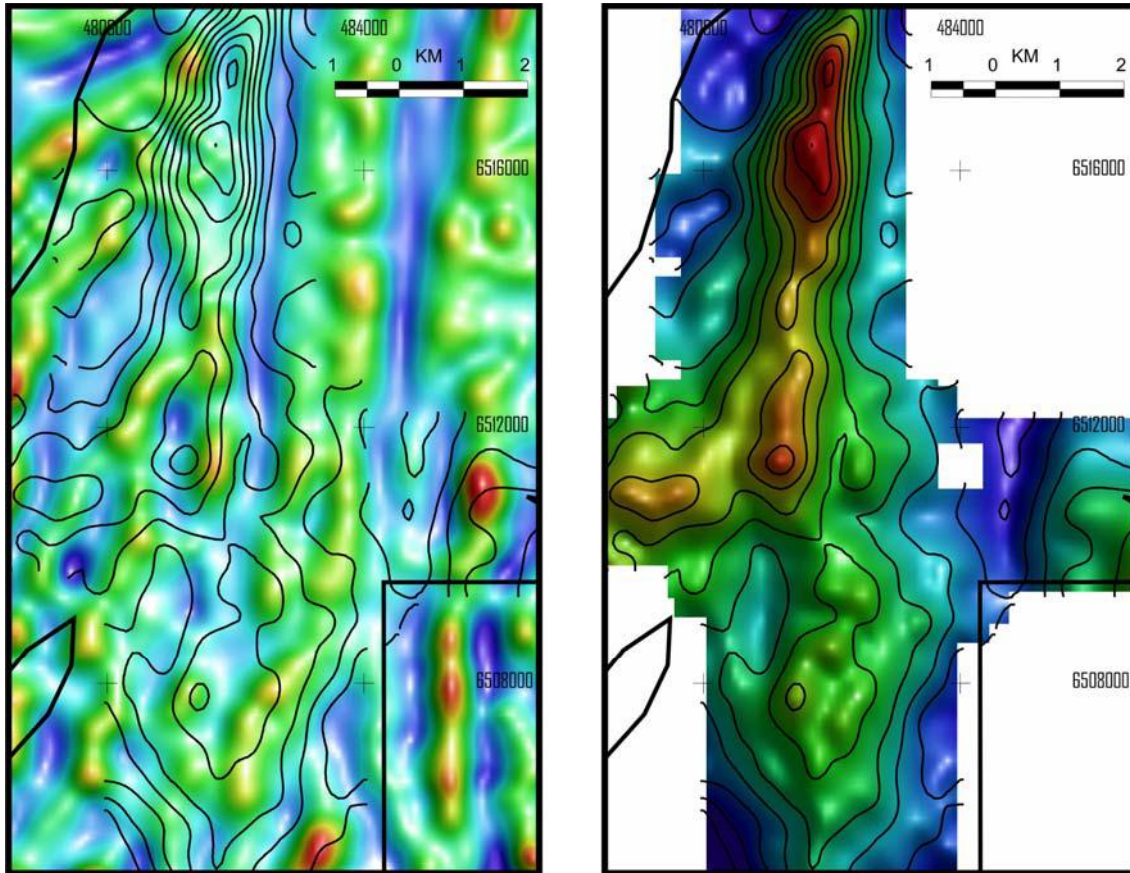


Figure 13: Residual gravity image and contours (right) and residual gravity contours superimposed on TMI-RTP-cnorm image (left) for northern portion of EL2761

EXPENDITURE

EL 2761 Nuckulla Hill			
Expenditure item	6 month period ending 18 th Apr 2005 A\$	6 month period ending 18 th Oct 2005 A\$	Year Total A\$
Application/fees/rental	1075.00	1717.16	2792.16
Assays			
Camp hire/maintenance			
Clearance/Native title	137.00	87.00	224.00
Communications		554.41	554.41
Computing, maps, data	774.00	429.00	1203
Drilling		28702.59	28702.59
Environment/Rehabilitation			
Field work	773.00	1006.96	1779.96
Geological consulting	484.00		484.00
Geophysics consulting			
Geophysics expenses	21578.00	25569.22	47147.22
Hire plant/Equipment			
Management overheads	4569.70	10418.57	14988.27
Petrology			
Postage/Freight			
Salaries, contractors, super, workcover	18799.00	41894.24	60693.24
Travel / Parking		10.09	10.09
Vehicle expenses	2077.00	4215.08	6292.08
Vehicle hire			
TOTAL	50,266.70	114,604.32	\$164,871.02

Table 5: Summary of exploration expenditure for EL 2761 (Nuckulla Hill) for the year ending 18th October 2005.

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APPENDIX A
PETROLOGICAL DESCRIPTIONS

MINERALOGICAL REPORT No. 8703
by Alan C. Purvis, PhD.

July 28th, 2005

TO : Mr Richard Flint
Minotaur Exploration
247 Greenhill Road
DULWICH SA 5065

YOUR REFERENCE : Letter from Richard Flint dated 15/6/05

MATERIAL : NUCKULLA HILL drill chip samples

IDENTIFICATION : NK05R001, 02 and 03, various depths.
Nine samples in all.

WORK REQUESTED : Thin section preparation, description and report
with comments and interpretations as specified

SAMPLES & SECTIONS : Returned to you with this report

DIGITAL COPY : Enclosed with hard copy of this report

PONTIFEX & ASSOCIATES PTY. LTD.

SUMMARY COMMENTS

The nine samples described in this report are from three drillholes in the Nuckulla Hill area in the southwest Gawler Ranges, in and adjacent to the Yarlbinda Shear Zone in the vicinity of Childara outstation of Lake Everard station. These chips were mounted in epoxy before being made into polished thin sections.

The letter accompanying the samples suggests that they range from diorite to granite with significant sericite alteration as well as some shearing and mylonitic deformation. The thin sections indicate gabbro to dolerite, possible anorthosite and possible mafic diorite with sericite as a very minor component in one sample (metamorphosed fractionated gabbro or mafic diorite). Some of the chips are foliated or fractured and fragmented, but no mylonite was seen. The main minerals are albite (partly reddish), actinolite, epidote, chlorite, fresh or altered opaque oxide and apatite, with veins containing epidote, carbonate, chlorite, adularia and quartz in various proportions, rarely with fibrous amphibole.

In drillhole NK05R001 there is some fresh opaque oxide, partly reduced to skeletons of ilmenite in iron-rich chlorite, partly with residual titanomagnetite and partly altered to anatase. In the other drillholes (NK05R002 and 003) the oxides are mostly leucoxene and anatase, rarely with microcrystalline pyrite, but magnetite is present in NK05R002, 158-159 m as fractured and fragmented grains in addition to leucoxene-anatase aggregates. This sample may have been a mafic diorite and could have had a primary magnetite-sphene assemblage as well as abundant apatite.

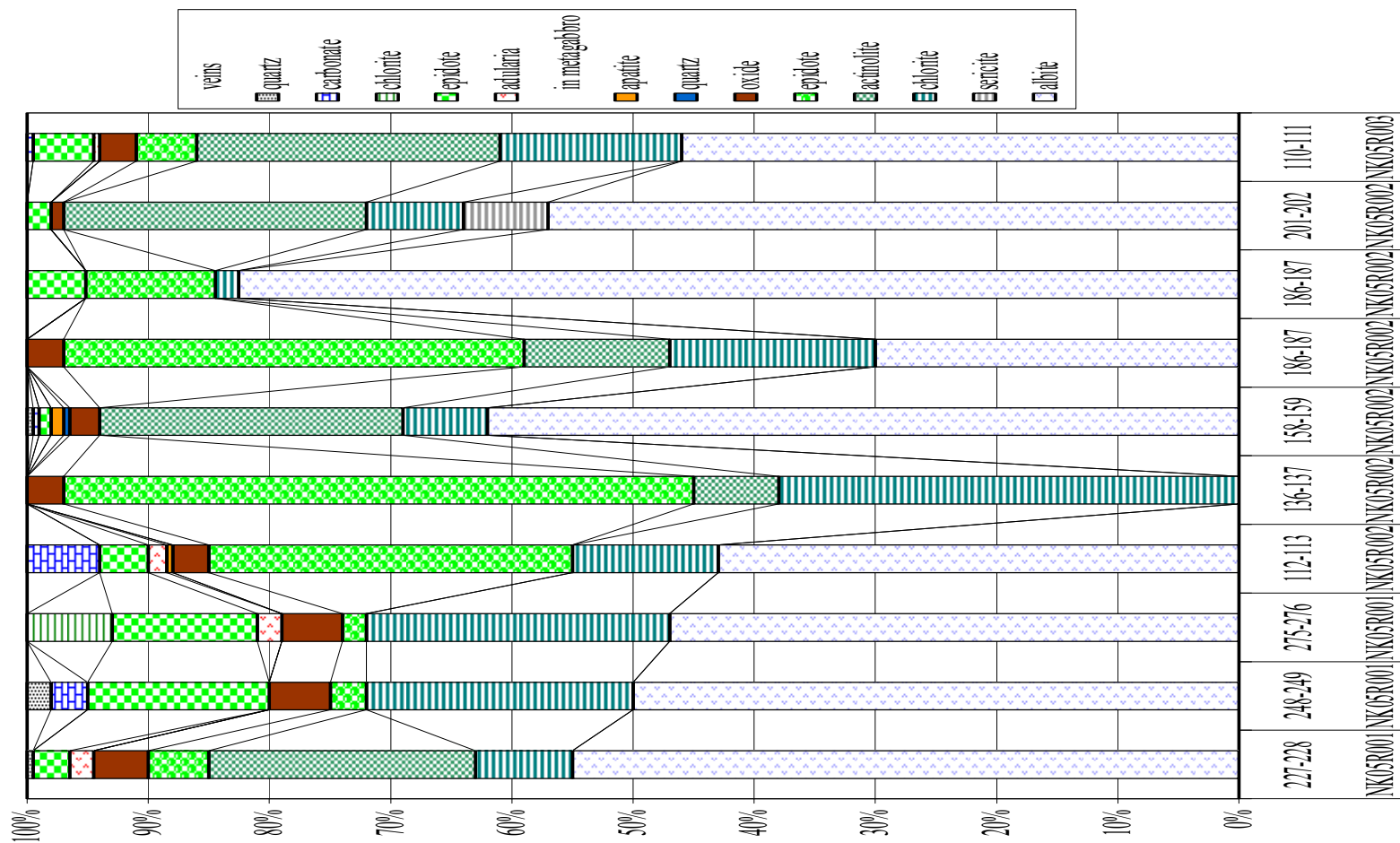
Sulphides are rare, but there is trace chalcopyrite to 0.1mm grain size in NK05R001 at 248-249 and 275-276 m and in NK05R003 at 110-111 m. Very rare chalcopyrite also occurs in NK05R002 at 186-187 m in plagioclase-rich chips. Several other samples contain trace pyrite, but this is always rare and fine-grained.

The mineral abundances in each sample are listed in Table 1 and illustrated in Fig 1.

Table 1:Mineral abundances in samples described in Report No 8703

Drillhole	NK05R001	NK05R001	NK05R001	NK05R002	NK05R002	NK05R002	NK05R002	NK05R002	NK05R002	NK05R003
Depth	227-228	248-249	275-276	112-113	136-137	158-159	186-187	186-187	201-202	110-111
Lithology	Gabbro	Gabbro	Gabbro	Gabbro	Mafic schist	Gabbro/diorite	Gabbro	Anorthosite?	Gabbro	Dolerite
Minerals										
Rock forming										
Albite	55	50	47	43		62	30	85	57	46
Sericite									7	
Chlorite	8	22	25	12	38	7	17	2	8	15
Actinolite	22				7	25	12		25	25
Epidote	5	3	2	30	52		38	8		5
Oxide	4.5	5	5	3	3	3	3		1	3
Quartz						0.5				
Apatite				0.5		1				
Veins										
Adularia	2		2	1.5		0.5				
Epidote	3	15	12	4		1		5	2	5
Chlorite			7							
Carbonate		3		6						1
Quartz	0.5	2								
	100	100	100	100	100	100	100	100	100	100
Notes	red albite	red albite			red albite	rare hornblende			red albite	
Sulphide		chalcopyrite	chalcopyrite				chalcopyrite			chalcopyrite

Fig 1: Mineral abundances in samples described in Report No 8703.



INDIVIDUAL DESCRIPTIONS

**NK05R001, 227-228m Albite-actinolite-chlorite-epidote metagabbro with veins
filled with adularia and later epidote veins**

There is abundant reddish albite in this sample, replacing plagioclase laths to 3 or 4mm long with actinolite and/or chlorite replacing ophitic pyroxene to 5mm in grain size. One chip has a zone of shearing and brecciation, with abundant actinolite and chlorite. Minor epidote is present as well as abundant partly skeletal opaque oxide, as seen in gabbros and dolerites. Early veins contain adularia accompanied by epidote and/or chlorite, with later veins mostly filled with epidote $\pm$ chlorite. The chips represent metamorphosed gabbro with low-temperature veins.

**NK05R001, 248-249m Albite-chlorite metagabbro with epidote-rich veins
containing quartz and/or carbonate: rare chalcopyrite**

The chips interstitial are again composed of metagabbro with abundant reddish albitised plagioclase to 3mm in grain size, partly fractured and fragmented, with interstitial chlorite and disseminated opaque oxide. Some areas seem to have been flooded by epidote $\pm$ quartz or epidote + carbonate, and epidote veins are common, as well as quartz-rich veins and separate carbonate veins. There is rare chalcopyrite to 0.1mm.

**NK05R001, 275-276m Partly foliated albite-chlorite metagabbro with areas
flooded and veined by epidote $\pm$ chlorite as well as adularia
veins $\pm$ epidote: rare chalcopyrite is present**

These chips are again metagabbros with clouded albitised plagioclase to 3mm in grain size as well as abundant chlorite and opaque oxide. Some of the chlorite is foliated and some of the plagioclase has been fractured and fragmented, but shearing is more obvious in areas flooded and veined by epidote $\pm$ chlorite. There are also lenses and veins of adularia, accompanied by microcrystalline epidote. There is rare chalcopyrite to 0.1mm.

NK05R002, 112-113m Metagabbro, partly fractured and fragmented and partly foliated, partly flooded by epidote and/or carbonate, with epidote to carbonate-rich veins and adularia-epidote veins

Chips of metagabbro are abundant in this sample as well as abundant veined and flooded chips. Some chips have foliated chlorite but no mylonitic textures are evident. The metagabbro has albitised plagioclase to 3mm in grain size, some of which is bent, fractured and fragmented or recrystallised and cut by veins of epidote. Chlorite and opaque oxide are also abundant as well as granular to prismatic apatite. Some chips have been flooded by material ranging from epidote-rich to carbonate-rich. There are also veins of adularia, usually with minor epidote.

NK05R002, 136-137m Epidote-chlorite-actinolite schists (mafic) with opaque oxide and granular apatite

The chips in this thin section lack feldspar and are largely composed of epidote and chlorite with minor pale tremolite-actinolite as foliated aggregates of fibrous to prismatic material. The epidote is granular but the chlorite is partly foliated. Opaque oxide is disseminated as well as sparse grains of apatite to 2mm long. These chips may be classified as epidote-chlorite-actinolite schist of mafic origin with opaque oxide and apatite. The apatite may be of hydrothermal origin.

NK05R002, 158-159m Metamorphosed fractionated gabbro or mafic diorite with albite, actinolite, epidote, chlorite, quartz, oxides, sericite and apatite

These chips represent relatively plagioclase-rich gabbros with actinolite after mostly granular pyroxene as well as rare hornblende. Plagioclase to 3mm in grain size has been largely altered to pale albite with very minor sericite, but reddish albite is seen in some chips. The chips with reddish albite also tend to have interstitial chlorite, some of which is foliated, as well as or instead of actinolite, but some chips with pale albite contain granular epidote. Granular, rather than skeletal opaque oxide is disseminated, as well as very minor possibly late magmatic quartz and abundant granular to prismatic apatite, suggesting a fractionated gabbro or a mafic diorite. Leucoxene in this sample may have replaced sphene. Some of the opaque oxide has been fractured and fragmented and veined by chlorite. Veins include epidote ± chlorite and quartz-carbonate veins.

NK05R002, 186-187m

- 1. Variously albite, epidote, chlorite and oxide-rich mafic chips with rare quartz-carbonate veins**
- 2. Plagioclase-rich chips with granular and microcrystalline plagioclase as well as epidote, carbonate and adularia (partly in veins)**

About eight of the chips in this thin section are composed largely of plagioclase, partly granular and partly microcrystalline and recrystallised. These may have been identified as being pegmatoidal, but may have been plagioclase-rich layers or veins in metagabbro. Some of these chips contain minor to abundant granular to prismatic epidote, and veins contain carbonate and/or adularia. The mafic chips are variously rich in partly reddish albite (to 3mm in grain size), with various proportions of epidote, chlorite, actinolite and opaque oxide. Some of these more mafic chips are foliated. Unfortunately, there are no composite chips in this thin section, so that the relationship between the two lithologies is uncertain (e.g. whether the plagioclase-rich chips represent layers or veins).

NK05R002, 201-202m

Metagabbro with mostly granular red albite and various combinations of epidote, amphibole, chlorite and opaque oxide. Veins contain adularia, quartz, amphibole and epidote

Reddish albite has replaced granular or bladed plagioclase in this sample, usually with patches and veins of epidote and/or chlorite. Amphibole has replaced granular or coarse-grained ophitic pyroxene to 10mm or more in grain size, with amphibole apparently replaced by foliated chlorite in one chip. Opaque oxide is uncommon compared to the previous samples. Some chips have been flooded by epidote and/or chlorite and there are veins variously containing adularia, quartz, fibrous amphibole and epidote. This sample is altered metagabbro.

NK05R003, 110-111m

Metadolerite with reddish albite, actinolite, chlorite, epidote and leucoxene

These chips have a doleritic texture with reddish albitised plagioclase less than 1.5mm in grain size, always bladed and subhedral. Interstitial areas are mostly actinolite and/or chlorite but epidote is disseminated and also occurs in veins. Oxide is disseminated. Some chips seem to have been flooded by epidote or chlorite. Narrow adularia veins occur as well as veins with epidote and/or carbonate.

APPENDIX B DRILLHOLE ASSAY DATA

	Element	Au	Ba	Ca	Ce	Cr	Fe	K	La	Mg	Mn	Mo	Na	P	Sr	Ti	U	Y	
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
	Method	FA1	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	
	Detection	0.01	1	50	1	5	0.01	50	1	50	20	2	50	100	5	50	0.5	5	
NK05R001	m	m																	
NK50001	2	8	<0.01	450	4410	30	89	2.6	5870	24	2130	355	9	5470	270	65	6360	3.5	6
NK50002	8	14	<0.01	1260	4730	58	68	2.32	19200	51	2150	250	4	14300	180	190	7010	1.5	5
NK50003	14	20	<0.01	1720	4290	156	97	5.54	22400	95	3270	125	4	13800	240	215	4580	1.5	15
NK50004	20	26	<0.01	1520	10600	220	37	4.47	23500	157	3720	235	<2	17900	580	455	4170	1.5	34
NK50005	26	32	--	1950	3860	175	20	2.76	30900	87	3170	235	2	27900	570	780	2510	2	38
NK50006	32	38	<0.01	1620	3660	118	14	4.39	30800	56	4460	720	3	30300	1570	620	4300	6	43
NK50007	38	44	<0.01	1800	9200	112	19	3.64	32000	62	4720	1070	<2	30000	1450	650	3480	4	56
NK50008	44	50	<0.01	1430	22300	91	25	5.76	25500	50	9870	1540	3	28800	1850	540	5510	2.5	38
NK50009	50	55	<0.01	1330	20200	78	60	4.96	27000	44	7240	1090	3	28600	760	430	2970	1.5	17
NK50010	55	60	<0.01	1060	48600	77	20	7.46	17500	37	23100	1830	2	20400	1940	650	6960	1	24
NK50011	60	65	<0.01	1320	33600	68	30	4.6	22200	37	13300	1220	<2	25000	1030	570	3780	1.5	18
NK50012	65	70	<0.01	1620	29300	114	19	3.95	27200	63	10500	1020	<2	26800	1060	510	3880	1.5	19
NK50013	70	75	<0.01	1830	26600	90	16	3.63	33200	50	9120	860	12	23200	870	530	3580	1.5	17
NK50014	75	80	<0.01	2310	11500	76	13	1.56	47000	51	2170	290	<2	17700	230	325	1320	1	<5
NK50015	80	85	<0.01	1860	22700	68	17	2.85	35200	43	8070	640	2	20200	530	440	2490	1	7
NK50016	85	90	<0.01	1810	27700	108	13	3.6	34100	64	8610	840	2	25100	940	425	3520	1.5	15
NK50017	90	95	<0.01	1800	28900	89	20	4.11	29200	49	10100	990	2	25800	1000	580	3890	1	22
NK50018	95	100	<0.01	1330	26900	97	15	3.57	29300	52	8440	880	<2	26200	890	490	3200	1.5	20
NK50019	100	105	<0.01	1500	39000	75	20	5.45	23000	43	15300	1410	2	25600	1680	590	5190	1	22
NK50020	105	110	<0.01	1550	39100	53	20	5.31	17900	30	17400	1290	<2	25500	1470	720	4800	1	16
NK50021	110	115	<0.01	790	58500	59	750	6.85	8950	34	53100	1670	<2	15500	1160	580	4550	1	16
NK50022	115	120	<0.01	1410	30300	68	230	4.07	20800	39	22000	1020	2	24400	840	455	3160	1	13

NK50023	120	125	<0.01	2110	22100	72	20	2.43	28600	42	6610	650	2	28600	500	420	1940	1	10
NK50024	125	130	<0.01	2160	18000	84	15	2.43	30600	52	5090	670	2	31200	460	460	1990	1	13
NK50025	130	135	<0.01	1720	26300	72	22	3.56	29200	40	10000	990	<2	28100	880	410	3220	1.5	15
NK50026	135	140	<0.01	1960	20900	79	16	2.71	26500	47	6880	690	3	34200	670	450	2250	1	10
NK50027	140	145	<0.01	980	13500	34	20	1.83	32600	22	4130	465	<2	30600	350	310	1260	1	9
NK50028	145	150	<0.01	1830	31400	88	15	4.37	23700	50	12500	1140	<2	26900	1160	540	4190	1	16
NK50029	150	155	<0.01	1780	31200	79	49	3.81	23900	46	13900	900	<2	30700	920	570	3320	1	13
NK50030	155	160	<0.01	1730	32800	77	26	4.15	28700	45	13800	970	3	25100	1010	590	3780	1	13
NK50031	160	165	<0.01	1180	12900	44	18	1.66	35700	27	2550	400	5	27000	200	335	1140	1.5	9
NK50032	165	170	<0.01	1320	26200	83	17	3.9	34100	47	8080	800	<2	25400	950	470	3570	2	18
NK50033	170	175	<0.01	1330	33100	94	56	4.29	29000	52	11700	870	2	24200	1050	530	4320	1	21
NK50034	175	180	<0.01	1140	43700	82	71	7.28	17200	43	21600	1410	2	28000	1630	570	7450	1	29
NK50035	180	185	<0.01	650	53100	57	73	11.02	10000	27	33300	2260	3	21500	1950	610	12100	0.5	32
NK50036	185	190	<0.01	1090	47700	53	670	6.08	13800	31	51500	1390	2	21000	900	510	3760	0.5	15
NK50037	190	195	<0.01	1210	31800	63	255	4.57	16200	36	27300	1020	2	28600	1020	455	3580	2	17
NK50038	195	200	<0.01	530	54400	52	950	7.65	8280	29	67100	1920	<2	14600	840	385	4570	11	18
NK50039	200	205	<0.01	800	55700	48	54	10.53	12400	25	36800	2060	<2	19900	1620	550	10800	0.5	31
NK50040	205	210	<0.01	600	47400	49	44	10.65	10200	25	38100	2140	<2	22100	1680	455	10700	1	32
NK50041	210	215	<0.01	900	55800	51	44	11.08	11700	25	33000	2140	<2	17500	1840	560	11700	1	35
NK50042	215	220	<0.01	960	52200	52	42	10.85	14600	27	30500	2160	<2	21100	1760	510	11700	1	34
NK50043	220	225	<0.01	940	46700	49	39	10.58	15200	24	31900	2010	<2	24400	1600	435	10900	1	31
NK50044	225	230	<0.01	900	49000	46	44	10.48	15200	24	31500	1910	<2	25100	1680	440	10500	0.5	31
NK50045	230	235	<0.01	860	52400	50	39	10.78	13300	26	31600	1920	<2	24400	1770	445	10900	1	33
NK50046	235	240	<0.01	820	56300	54	41	10.93	13100	27	29800	1940	4	23200	1810	470	11500	1	35
NK50047	240	245	<0.01	760	57600	55	42	11.05	11800	28	30200	1990	<2	21600	1790	475	11800	1	35
NK50048	245	250	<0.01	830	53400	50	42	10.84	12500	25	30600	1840	<2	23500	1790	460	11200	0.5	32
NK50049	250	255	<0.01	860	55100	49	41	10.73	13400	25	30700	1770	<2	22700	1620	520	11100	1	32
NK50050	255	260	<0.01	395	67900	54	42	11.12	5010	27	30600	1870	<2	20600	1940	590	12100	1	37
NK50051	260	265	<0.01	740	58700	40	45	9.99	10900	20	30800	1630	5	23800	1050	570	9830	0.5	25
NK50052	265	270	<0.01	750	63600	54	44	11.12	11200	27	34600	1960	4	20300	1620	560	11400	1	34
NK50053	270	275	<0.01	760	63300	52	43	11.03	11100	25	34200	1920	7	21000	1530	560	11300	1	32
NK50054	275	279	<0.01	880	64600	58	69	9.52	9610	31	29100	1760	4	21700	1490	620	10200	1.5	30

	Element	Au	Ba	Ca	Ce	Cr	Fe	K	La	Mg	Mn	Mo	Na	P	Sr	Ti	U	Y	
	Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
	Method	FA1	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	
	Detection	0.01	1	50	1	5	0.01	50	1	50	20	2	50	100	5	50	0.5	5	
NK05R002																			
NK50055	0	6	<0.01	450	90000	26	45	3.84	9430	16	9200	155	8	5260	170	250	2370	4.5	12
NK50056	6	12	<0.01	580	5000	13	60	5.86	41300	11	5670	110	5	10600	120	185	2950	2	<5
NK50057	12	18	<0.01	580	10900	84	47	5.14	45700	66	5880	155	4	14400	340	450	2930	1.5	<5
NK50058	18	24	<0.01	560	6350	90	39	5.33	39300	51	5400	200	9	13500	450	400	2810	1.5	5
NK50059	24	30	<0.01	570	7840	85	32	5.22	40200	41	5490	690	8	13700	310	455	3080	3.5	24
NK50060	30	36	<0.01	510	12500	60	36	6.81	41000	28	5950	900	8	15100	680	385	3030	3.5	21
NK50061	36	42	<0.01	510	33900	27	49	7.82	37600	13	6770	550	4	19400	760	425	3390	2.5	23
NK50062	42	48	<0.01	580	48100	20	43	5.7	40700	11	9670	510	3	18400	620	485	3130	3	15
NK50064	50	55	<0.01	465	62700	18	30	5.48	33700	10	16500	720	<2	18700	290	580	3600	3	10
NK50065	55	60	<0.01	570	64100	16	32	4.71	38600	9	15000	700	<2	16400	300	500	3130	1	7
NK50066	60	65	<0.01	550	63600	16	31	5.13	36900	9	16900	760	<2	16900	480	610	3510	1	7
NK50067	65	70	<0.01	550	62100	17	29	5.74	39700	9	19100	810	<2	13800	350	550	4020	0.5	7
NK50068	70	75	<0.01	485	67900	13	31	5.2	45100	8	17600	790	<2	11500	510	500	3620	0.5	7
NK50069	75	80	<0.01	385	73100	12	28	6.56	34400	7	21800	920	<2	11400	410	490	4890	<0.5	6
NK50070	80	85	<0.01	580	71500	14	32	5.6	42500	8	20000	1020	<2	15600	240	540	3840	<0.5	7
NK50071	85	90	<0.01	530	78000	13	23	5.61	31000	7	20500	1100	<2	16700	300	530	4090	<0.5	7
NK50072	90	95	<0.01	490	82200	13	21	6.38	28500	6	21500	930	9	15300	200	630	4970	1	6
NK50073	95	100	<0.01	385	78300	15	35	4.64	37400	7	16800	730	3	13300	290	590	3370	<0.5	<5
NK50074	100	105	<0.01	475	77400	13	37	4.69	41400	6	17300	750	3	12400	480	530	3370	<0.5	<5
NK50075	105	110	<0.01	325	87500	14	29	7.41	19700	7	24800	960	3	14600	330	660	5380	0.5	6
NK50076	110	115	<0.01	500	86900	12	27	7.63	26700	6	26900	1080	<2	14000	490	600	5800	<0.5	5
NK50077	115	120	<0.01	540	81500	12	17	7.18	30600	6	23200	1070	<2	13000	360	570	6010	0.5	6
NK50078	120	125	<0.01	590	73300	15	27	6.47	34700	7	22900	960	<2	15100	320	540	5140	1	6
NK50079	125	130	<0.01	640	80700	13	27	7.01	29800	6	24400	1080	<2	13300	420	640	5200	0.5	6
NK50080	130	135	<0.01	640	75100	17	37	5.93	29600	8	22700	970	2	20000	420	590	4630	1	6
NK50081	135	140	<0.01	186	87300	18	68	11.51	7100	9	40800	1630	<2	9400	750	990	10100	<0.5	11

NK50082	140	145	<0.01	435	66200	49	52	10.03	10400	22	35500	1700	3	18900	1510	560	10700	1.5	26
NK50083	145	150	<0.01	540	67800	53	31	7.52	15500	27	24600	1400	5	24800	2160	680	7200	1	18
NK50084	150	155	<0.01	440	66200	61	9	8.65	13700	26	27100	1460	<2	25900	4720	700	9730	0.5	20
NK50085	155	160	<0.01	570	64300	54	<5	10.47	16400	23	31400	1800	<2	15500	3120	860	10600	0.5	22
NK50086	160	165	<0.01	465	69700	66	13	8.87	12200	31	26600	1590	<2	25900	4200	800	8010	1	23
NK50087	165	170	<0.01	490	94000	18	49	9.25	18000	8	31400	1410	<2	11000	3040	750	7690	0.5	10
NK50088	170	175	<0.01	500	97100	15	59	9.9	15700	7	32600	1320	<2	7120	170	910	7920	1	6
NK50089	175	180	<0.01	580	86000	15	47	8.19	24500	7	26700	1040	<2	11300	420	700	6130	0.5	6
NK50090	180	185	0.04	425	92300	10	64	10.54	16400	5	35900	1250	<2	5210	180	760	8050	<0.5	<5
NK50091	185	190	<0.01	485	88200	14	64	10.41	16400	7	34700	1260	3	5070	230	650	8030	0.5	5
NK50092	190	195	<0.01	570	73700	12	58	10.31	27400	6	33500	1250	3	5830	400	540	8790	1	6
NK50093	195	200	<0.01	460	90900	15	48	9.34	17500	8	32300	1280	3	10500	350	650	7320	1	7
NK50094	200	205	<0.01	540	85500	18	67	8.62	18400	8	31800	1170	<2	12200	440	770	6460	0.5	7
NK50095	205	210	<0.01	630	79800	15	64	6.44	31900	7	26600	990	<2	11500	410	710	5080	0.5	6
NK50096	210	215	<0.01	640	72400	19	69	4.25	45100	9	20900	800	2	11700	790	540	2890	0.5	6
NK50097	215	220	0.03	540	76400	17	83	4.17	38000	9	22400	800	<2	13400	630	610	2740	0.5	5
NK50098	220	225	<0.01	690	77500	17	84	4.41	39700	8	21100	840	<2	13600	790	490	2700	<0.5	5
NK50099	225	230	<0.01	560	76500	18	106	6.6	24600	9	30000	1020	6	17900	580	570	4320	1	7
NK50100	230	235	<0.01	465	82000	15	106	6.8	28100	7	33100	1040	<2	11300	640	520	3920	0.5	<5
NK50101	235	240	<0.01	620	82000	16	52	5.24	40500	8	19600	870	<2	9860	460	435	3510	1	5
NK50102	240	245	<0.01	660	77600	13	59	4.74	43200	7	20100	810	<2	10000	230	475	3100	0.5	<5
NK50103	245	250	<0.01	600	87600	16	71	6.01	31900	8	26600	990	<2	10200	510	500	4180	0.5	6
NK50104	250	255	<0.01	570	90100	12	55	5.77	29500	6	23600	970	<2	10200	300	520	4070	<0.5	<5
NK50105	255	258	<0.01	405	86600	11	65	5.63	27500	6	25100	940	<2	13200	180	770	3670	<0.5	<5
NK50106	155	156	<0.01	475	54200	53	8	9.04	10000	22	27200	1280	12	10500	5210	490	9030	0.5	21

Element	Au	Ba	Ca	Ce	Cr	Fe	K	La	Mg	Mn	Mo	Na	P	Sr	Ti	U	Y
Units	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Method	FA1	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4	IC4
Detection	0.01	1	50	1	5	0.01	50	1	50	20	2	50	100	5	50	0.5	5

NK05R003

NK50107	0	6	<0.01	630	102000	21	47	3.41	9510	13	7820	85	3	6980	<100	270	3410	2	9
NK50108	6	12	<0.01	1600	2330	67	59	7.05	23700	36	3650	160	5	21400	580	370	5230	1.5	7
NK50109	12	18	<0.01	1400	3720	139	54	4.93	30300	76	4110	170	4	12200	950	880	4680	1.5	7
NK50110	18	24	<0.01	1010	3390	168	50	6.16	17600	83	4900	280	3	23200	1560	1060	5460	2	16
NK50111	24	30	<0.01	1360	2560	116	19	3.48	30200	63	2730	200	<2	29400	690	465	3040	1.5	14
NK50112	30	36	<0.01	1580	3840	118	18	2.72	37300	60	2500	170	<2	25400	860	510	2490	2	22
NK50113	36	42	<0.01	1240	6070	96	21	3.56	28700	49	4810	270	2	23800	1290	440	3440	2	37
NK50114	42	48	<0.01	1320	9000	97	19	3.03	36300	51	4230	370	<2	26000	680	335	2710	2	36
NK50115	48	50	<0.01	1610	11900	116	14	2.55	40300	61	4350	520	3	28000	500	265	2450	1.5	25
NK50116	50	55	<0.01	1350	16400	95	23	2.96	37100	49	6840	590	2	23700	720	315	2860	1.5	20
NK50117	55	60	<0.01	1390	31000	84	39	4.69	24500	45	14600	1110	<2	26500	1160	460	4310	1.5	21
NK50118	60	65	0.01	1420	38200	104	49	5.12	18800	57	17800	1090	<2	29600	920	610	4550	2.5	20
NK50119	65	70	<0.01	860	43500	68	80	5.62	16000	38	23700	1140	<2	30200	940	580	4590	1.5	15
NK50120	70	75	<0.01	1200	35100	90	43	4.8	19300	46	15600	1070	3	29800	1060	520	4390	1.5	22
NK50121	75	80	<0.01	1500	30800	90	28	4.22	25200	45	11900	990	<2	28800	1010	465	4230	1.5	23
NK50122	80	85	<0.01	990	47100	60	57	5.92	16700	32	22100	1290	2	28500	1340	630	5350	1.5	17
NK50123	85	90	<0.01	990	43900	70	41	6.04	15100	33	19400	1370	<2	26400	1880	560	6040	2	24
NK50124	90	95	<0.01	980	36300	86	29	5.64	18100	43	15000	1200	2	29200	1640	520	5370	1.5	26
NK50125	95	100	<0.01	700	55400	63	54	9.84	12500	29	31200	1860	<2	22600	1810	520	10000	1	29
NK50126	100	105	<0.01	740	52600	47	55	10.38	12600	21	34900	1620	<2	23100	1420	510	10600	1	28
NK50127	105	110	<0.01	810	49900	44	55	10.57	13800	21	35300	1880	9	22000	1590	450	11200	0.5	29
NK50128	110	115	<0.01	880	53700	68	51	8.52	13600	33	29700	1660	<2	26000	2080	590	8890	1	28
NK50129	115	120	<0.01	1380	45000	91	45	6.22	18200	42	20500	1360	<2	26200	1770	650	6340	1	27
NK50130	120	125	<0.01	1520	42900	105	38	6.34	18900	51	18800	1410	<2	26300	1920	690	6490	1.5	29
NK50131	125	130	<0.01	1540	35400	108	29	4.69	23200	57	13500	1070	<2	30300	1030	580	4590	1.5	23
NK50132	130	135	<0.01	1910	20700	132	11	3.4	29600	71	6420	770	<2	31200	790	405	3560	2	24
NK50133	135	140	<0.01	1920	19500	120	12	3.43	32800	64	5880	700	<2	30600	670	415	3380	2	30
NK50134	140	145	<0.01	1920	17300	89	15	2.64	31600	49	5720	590	<2	29500	560	365	2550	1.5	20
NK50135	145	150	<0.01	1790	23100	82	38	3.4	29700	44	10600	710	3	27800	730	405	3090	2	16
NK50136	150	155	<0.01	1170	47700	55	420	5.59	12800	28	52400	1330	<2	20300	1040	570	3790	2	16
NK50137	155	160	<0.01	1330	45400	57	187	5.52	18300	31	30200	1270	<2	26600	1290	680	3940	1	14

NK50138	160	165	<0.01	980	48900	56	76	6.03	17800	27	24300	1300	3	22200	900	750	4840	1.5	19
NK50139	165	170	<0.01	1180	42700	66	126	5.31	16700	35	24300	1180	2	29400	1320	660	3990	1.5	15
NK50140	170	175	<0.01	1030	42200	84	78	5.73	17400	41	21800	1280	3	24400	1120	650	4520	1.5	26
NK50141	175	180	<0.01	980	37600	67	48	4.32	18200	36	14700	940	<2	24100	880	440	3790	1.5	16
NK50142	180	185	<0.01	1560	38300	75	52	4.89	22700	42	18300	1060	<2	25700	970	630	4220	1.5	16
NK50143	185	190	<0.01	1360	32400	85	28	4.23	18400	44	12300	940	3	31400	1070	540	4020	1	17
NK50144	190	195	<0.01	1130	43500	67	43	5.6	19200	36	20100	1250	4	25800	1290	630	5030	1.5	21
NK50145	195	200	<0.01	1150	28700	86	26	3.93	22400	51	10900	850	<2	28000	840	475	3270	1.5	21
NK50146	200	205	<0.01	1500	27500	80	17	3.56	29400	49	8660	800	<2	29300	930	360	3620	1.5	21
NK50147	205	210	<0.01	1060	48000	61	640	5.67	18600	37	43000	1330	<2	21500	1080	620	3610	10	14
NK50148	210	215	<0.01	1460	36900	87	192	4.41	21000	55	22100	950	<2	28600	930	550	3630	1.5	16
NK50149	215	220	<0.01	1260	39200	66	147	6.06	19600	39	21700	1220	<2	25700	1260	480	4520	1.5	21
NK50150	220	225	<0.01	1620	34500	87	49	4.57	25500	51	14000	1000	<2	28400	1150	465	4330	1.5	21
NK50151	225	230	<0.01	1550	37900	98	26	5.28	23300	58	14900	1100	<2	29600	1500	510	5190	1	23

	Element		Ag	As	Bi	Co	Cu	Ni	Pb	S	Sb	Zn
	Units		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	Method		MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1
	Detection		1	10	25	10	0.001	10	10	50	20	10
NK05R001												
NK50001	2	8	1	15	<25	<10	0.006	20	95	650	<20	500
NK50002	8	14	<1	10	<25	<10	0.004	15	60	450	<20	240
NK50003	14	20	<1	20	<25	<10	0.004	20	25	650	<20	65
NK50004	20	26	<1	15	<25	10	0.003	25	15	500	<20	90
NK50005	26	32	<1	10	<25	<10	0.002	10	20	300	<20	50
NK50006	32	38	<1	<10	<25	15	0.004	20	20	400	<20	85
NK50007	38	44	<1	<10	<25	20	0.003	20	20	450	<20	80
NK50008	44	50	<1	10	<25	25	0.003	25	15	300	<20	125
NK50009	50	55	<1	15	<25	<10	0.008	30	120	200	<20	600
NK50010	55	60	<1	15	<25	30	0.003	<10	35	50	<20	180
NK50011	60	65	<1	15	<25	15	0.002	<10	20	<50	<20	100
NK50012	65	70	<1	15	<25	10	0.003	<10	20	100	<20	90
NK50013	70	75	<1	<10	<25	<10	0.003	<10	20	100	<20	80
NK50014	75	80	<1	<10	<25	<10	<0.001	<10	10	50	<20	25
NK50015	80	85	<1	<10	<25	10	0.002	<10	10	50	<20	55
NK50016	85	90	<1	10	<25	10	0.002	<10	15	100	<20	80
NK50017	90	95	<1	<10	<25	15	0.003	<10	10	100	<20	85
NK50018	95	100	<1	10	<25	15	<0.001	<10	15	<50	<20	75
NK50019	100	105	<1	10	<25	20	0.002	<10	15	<50	<20	110
NK50020	105	110	<1	<10	<25	15	0.002	<10	10	<50	<20	100
NK50021	110	115	<1	<10	<25	40	0.003	280	15	<50	<20	145
NK50022	115	120	<1	10	<25	20	0.002	85	<10	<50	<20	95
NK50023	120	125	<1	<10	<25	<10	0.003	<10	15	<50	<20	50
NK50024	125	130	<1	15	<25	<10	0.003	<10	10	50	<20	40
NK50025	130	135	<1	<10	<25	10	0.004	<10	15	50	<20	65
NK50026	135	140	<1	<10	<25	<10	0.002	<10	<10	<50	<20	50
NK50027	140	145	<1	<10	<25	<10	0.002	<10	10	<50	<20	30
NK50028	145	150	<1	<10	<25	15	0.003	<10	<10	100	<20	75
NK50029	150	155	<1	15	<25	15	0.002	15	20	50	<20	65
NK50030	155	160	<1	<10	<25	15	0.003	10	20	<50	<20	70
NK50031	160	165	<1	<10	<25	<10	0.004	<10	15	<50	<20	25
NK50032	165	170	<1	10	<25	<10	0.004	<10	20	50	<20	60
NK50033	170	175	<1	<10	<25	15	0.003	15	15	<50	<20	70
NK50034	175	180	<1	10	<25	35	0.007	35	20	100	<20	105
NK50035	180	185	<1	<10	<25	60	0.014	75	25	150	<20	130
NK50036	185	190	<1	<10	<25	35	0.004	230	30	<50	<20	90
NK50037	190	195	<1	10	<25	20	0.004	100	15	50	<20	75
NK50038	195	200	<1	<10	<25	50	<0.001	370	15	<50	<20	120
NK50039	200	205	<1	15	<25	60	0.011	105	15	50	<20	120
NK50040	205	210	<1	10	<25	65	0.013	100	50	50	<20	135
NK50041	210	215	<1	10	<25	55	0.013	70	20	100	<20	120
NK50042	215	220	<1	<10	<25	50	0.015	60	100	100	<20	125
NK50043	220	225	<1	<10	<25	60	0.013	70	145	100	<20	130
NK50044	225	230	<1	15	<25	60	0.013	75	90	100	<20	130

NK50045	230	235	<1	<10	<25	60	0.013	75	45	100	<20	135
NK50046	235	240	<1	<10	<25	65	0.013	65	35	100	<20	150
NK50047	240	245	<1	<10	<25	60	0.014	65	25	150	<20	150
NK50048	245	250	<1	<10	<25	65	0.013	70	35	100	<20	135
NK50049	250	255	<1	<10	<25	60	0.013	75	25	100	<20	140
NK50050	255	260	<1	<10	<25	60	0.021	70	25	100	<20	150
NK50051	260	265	<1	<10	<25	60	0.011	80	25	<50	<20	130
NK50052	265	270	<1	10	<25	65	0.011	90	50	100	<20	150
NK50053	270	275	<1	15	<25	65	0.012	90	60	100	<20	155
NK50054	275	279	<1	<10	<25	55	0.013	75	35	100	<20	130

	Element	Ag	As	Bi	Co	Cu	Ni	Pb	S	Sb	Zn	
	Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
	Method	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	
	Detection	1	10	25	10	0.001	10	10	50	20	10	
NK05R002												
NK50055	0	6	<1	10	<25	<10	0.003	15	20	1100	<20	30
NK50056	6	12	<1	<10	<25	10	0.006	15	10	700	<20	30
NK50057	12	18	<1	15	<25	10	0.004	10	55	1000	<20	25
NK50058	18	24	<1	20	<25	20	0.004	15	15	1100	<20	40
NK50059	24	30	<1	10	<25	25	0.003	15	20	1050	<20	40
NK50060	30	36	<1	15	<25	25	0.004	15	15	1000	<20	50
NK50061	36	42	<1	15	<25	20	0.004	10	15	900	<20	55
NK50062	42	48	<1	<10	<25	20	0.003	10	10	1100	<20	50
NK50064	50	55	<1	15	<25	25	0.004	10	25	550	<20	70
NK50065	55	60	<1	15	<25	15	0.004	10	55	600	<20	80
NK50066	60	65	<1	10	<25	25	0.004	10	75	150	<20	80
NK50067	65	70	<1	10	<25	25	0.006	10	105	150	<20	90
NK50068	70	75	<1	<10	<25	25	0.007	10	50	150	<20	70
NK50069	75	80	<1	20	<25	30	0.009	<10	30	250	<20	80
NK50070	80	85	<1	10	<25	20	0.003	<10	20	600	<20	65
NK50071	85	90	<1	20	<25	20	0.002	<10	15	150	<20	75
NK50072	90	95	<1	<10	<25	25	0.006	<10	15	150	<20	70
NK50073	95	100	<1	15	<25	25	0.004	<10	30	<50	<20	65
NK50074	100	105	<1	15	<25	20	0.003	<10	15	50	<20	60
NK50075	105	110	<1	<10	<25	35	0.004	20	15	100	<20	95
NK50076	110	115	<1	15	<25	35	0.008	15	10	100	<20	85
NK50077	115	120	<1	10	<25	35	0.02	<10	240	350	<20	135
NK50078	120	125	<1	<10	<25	30	0.005	10	15	200	<20	85
NK50079	125	130	<1	<10	<25	30	0.007	10	75	200	<20	110
NK50080	130	135	1	<10	<25	25	0.009	15	100	100	<20	85
NK50081	135	140	<1	<10	<25	60	0.014	45	30	250	<20	105
NK50082	140	145	<1	10	<25	50	0.01	75	35	200	<20	105
NK50083	145	150	<1	15	<25	30	0.008	25	55	450	<20	80
NK50084	150	155	<1	<10	<25	30	0.007	<10	25	50	<20	90
NK50085	155	160	<1	10	<25	40	0.011	<10	15	150	<20	95
NK50086	160	165	<1	<10	<25	25	0.005	<10	25	50	<20	100
NK50087	165	170	<1	15	<25	35	0.004	<10	20	<50	<20	90
NK50088	170	175	<1	15	<25	45	0.005	25	15	<50	<20	80

NK50089	175	180	<1	<10	<25	35	0.004	20	30	<50	<20	75
NK50090	180	185	<1	<10	<25	55	0.008	20	15	100	<20	85
NK50091	185	190	<1	<10	<25	55	0.009	20	15	100	<20	70
NK50092	190	195	<1	<10	<25	55	0.017	35	<10	150	<20	95
NK50093	195	200	<1	15	<25	50	0.012	25	20	100	<20	95
NK50094	200	205	<1	<10	<25	45	0.008	25	15	50	<20	90
NK50095	205	210	<1	<10	<25	35	0.007	20	20	50	<20	85
NK50096	210	215	<1	<10	<25	20	0.002	15	15	<50	<20	65
NK50097	215	220	<1	<10	<25	20	0.002	15	15	<50	<20	70
NK50098	220	225	<1	<10	<25	25	<0.001	20	20	100	<20	80
NK50099	225	230	<1	10	<25	35	0.005	20	20	700	<20	100
NK50100	230	235	<1	<10	<25	40	0.003	30	15	<50	<20	100
NK50101	235	240	<1	<10	<25	25	0.003	15	20	<50	<20	75
NK50102	240	245	<1	<10	<25	25	0.004	15	<10	<50	<20	70
NK50103	245	250	<1	<10	<25	30	0.004	20	25	<50	<20	80
NK50104	250	255	<1	15	<25	30	0.002	15	15	<50	<20	90
NK50105	255	258	<1	<10	<25	30	0.002	15	10	<50	<20	90
NK50106	155	156	<1	20	<25	65	0.026	<10	25	400	<20	100

	Element		Ag	As	Bi	Co	Cu	Ni	Pb	S	Sb	Zn
	Units		ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	Method		MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1	MET1
	Detection		1	10	25	10	0.001	10	10	50	20	10
NK05R003												
NK50107	0	6	<1	<10	<25	<10	0.003	10	15	750	<20	25
NK50108	6	12	<1	15	<25	<10	0.002	20	10	600	<20	45
NK50109	12	18	<1	15	<25	<10	0.003	15	<10	900	<20	40
NK50110	18	24	<1	10	<25	10	0.003	15	<10	1200	<20	60
NK50111	24	30	<1	10	<25	<10	0.003	<10	<10	800	<20	50
NK50112	30	36	<1	<10	<25	<10	0.001	<10	<10	700	<20	35
NK50113	36	42	<1	<10	<25	10	0.001	15	<10	750	<20	70
NK50114	42	48	<1	<10	<25	<10	0.002	10	10	350	<20	55
NK50115	48	50	<1	<10	<25	<10	0.001	<10	10	250	<20	40
NK50116	50	55	<1	10	<25	<10	0.001	10	15	50	<20	50
NK50117	55	60	<1	15	<25	15	0.002	20	20	150	<20	80
NK50118	60	65	<1	<10	<25	20	0.003	25	15	150	<20	75
NK50119	65	70	<1	15	<25	25	0.002	30	15	250	<20	85
NK50120	70	75	<1	10	<25	20	0.002	20	15	100	<20	80
NK50121	75	80	<1	<10	<25	15	0.002	15	10	100	<20	75
NK50122	80	85	<1	<10	<25	25	0.002	20	20	50	<20	90
NK50123	85	90	<1	<10	<25	25	0.001	20	15	50	<20	105
NK50124	90	95	<1	<10	<25	15	0.001	15	25	300	<20	100
NK50125	95	100	<1	<10	<25	50	0.011	75	45	200	<20	125
NK50126	100	105	<1	<10	<25	55	0.015	85	<10	250	<20	125
NK50127	105	110	<1	<10	<25	60	0.014	90	10	200	<20	130
NK50128	110	115	<1	<10	<25	45	0.007	65	10	100	<20	120
NK50129	115	120	<1	<10	<25	25	0.001	20	15	<50	<20	100
NK50130	120	125	<1	<10	<25	25	0.002	30	<10	150	<20	100
NK50131	125	130	<1	<10	<25	15	<0.001	15	15	50	<20	80

NK50132	130	135	<1	<10	<25	<10	0.002	<10	15	150	<20	55
NK50133	135	140	<1	<10	<25	<10	<0.001	<10	15	100	<20	55
NK50134	140	145	<1	<10	<25	<10	0.001	<10	20	50	<20	50
NK50135	145	150	<1	15	<25	10	0.003	20	20	350	<20	55
NK50136	150	155	<1	10	<25	35	0.002	280	30	<50	<20	85
NK50137	155	160	<1	<10	<25	25	0.002	75	25	<50	<20	80
NK50138	160	165	<1	<10	<25	25	0.001	30	35	100	<20	100
NK50139	165	170	<1	<10	<25	25	0.002	50	25	<50	<20	100
NK50140	170	175	<1	<10	<25	20	0.003	30	20	<50	<20	90
NK50141	175	180	<1	<10	<25	15	0.007	15	20	250	<20	80
NK50142	180	185	<1	<10	<25	20	0.002	20	15	100	<20	75
NK50143	185	190	<1	10	<25	10	0.002	10	35	50	<20	70
NK50144	190	195	<1	<10	<25	25	0.001	25	15	<50	<20	95
NK50145	195	200	<1	<10	<25	15	0.003	10	10	50	<20	65
NK50146	200	205	<1	<10	<25	<10	0.002	<10	20	100	<20	50
NK50147	205	210	<1	<10	<25	30	<0.001	120	10	50	<20	90
NK50148	210	215	<1	<10	<25	15	0.004	45	15	100	<20	75
NK50149	215	220	<1	<10	<25	95	0.004	50	15	50	<20	100
NK50150	220	225	<1	15	<25	15	<0.001	15	10	<50	<20	75
NK50151	225	230	<1	<10	<25	15	0.002	<10	15	<50	<20	85

HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS



JOB 0503

LABYRINTH – (NUCKULLA/LAKE EVERARD) GRAVITY SURVEY

MINOTAUR RESOURCES LTD.

March 2004

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Introduction

A detail GPS gravity survey designated as Nuckulla_Lake Everard Gravity Survey has been carried out near Nuckulla Hill and is approximately 30km West of Lake Everard Station in South Australia. The survey was conducted over 9 days from 20th March 2005 to 28th March 2005 on behalf of Minotaur Exploration Ltd.

The proposed detail gravity survey was comprised of 5 areas.

Area 1 consisted of 184 detail gravity stations in a regular grid comprising 8 E-W trending lines coincident with GDA94 with station intervals of 200 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 479200E, in the east by 483600E, in the south by 6494400N and in the north by 6497200N. The line lengths are 4400 metres. The completed detail gravity survey comprised of 184 detail gravity stations in 8 lines. All proposed and infill gravity stations were completed. Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

Area 2 consisted of 42 detail gravity stations in a regular grid comprising 2 N-S trending lines coincident with GDA94 with station intervals of 200 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 485600E, in the east by 486000E, in the south by 6490400N and in the north by 6495000N. The line lengths are 4600 metres. The completed detail gravity survey comprised of 42 detail gravity stations in 8 lines.

Area 3 consisted of 98 detail gravity stations in a regular grid comprising 7 E-W trending lines coincident with GDA94 with station intervals of 200 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 481600E, in the east by 484600E, in the south by 6487200N and in the north by 6489600N. The line lengths are 3000 metres. The completed detail gravity survey comprised of 98 detail gravity stations in 7 lines.

Area 4 consisted of 90 detail gravity stations in a regular grid comprising 10 E-W trending lines coincident with GDA94 with station intervals of 400 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 478800E, in the east by 482400E, in the south by 6480000N and in the north by 6836000N. The line lengths are 3600 metres. The completed detail gravity survey comprised of 90 detail gravity stations in 10 lines.

Area 5 consisted of 91 detail gravity stations in a regular grid comprising 9 E-W trending lines coincident with GDA94 with station intervals of 800 metres. The lines of irregular length were bounded in the west by GDA94 Zone 53 477600E, in the east by 487200E, in the south by 6505800N and in the north by 6518600N. The line lengths ranged from 4800 metres to 9600 metres. The completed detail gravity survey comprised of 91 detail gravity stations in 9 lines.

All proposed and infill gravity stations were completed. Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

There were 55 observations repeated for quality control purposes, giving a repeat percentage of 10.9%.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc.

Figure 1 shows the location of the survey area.

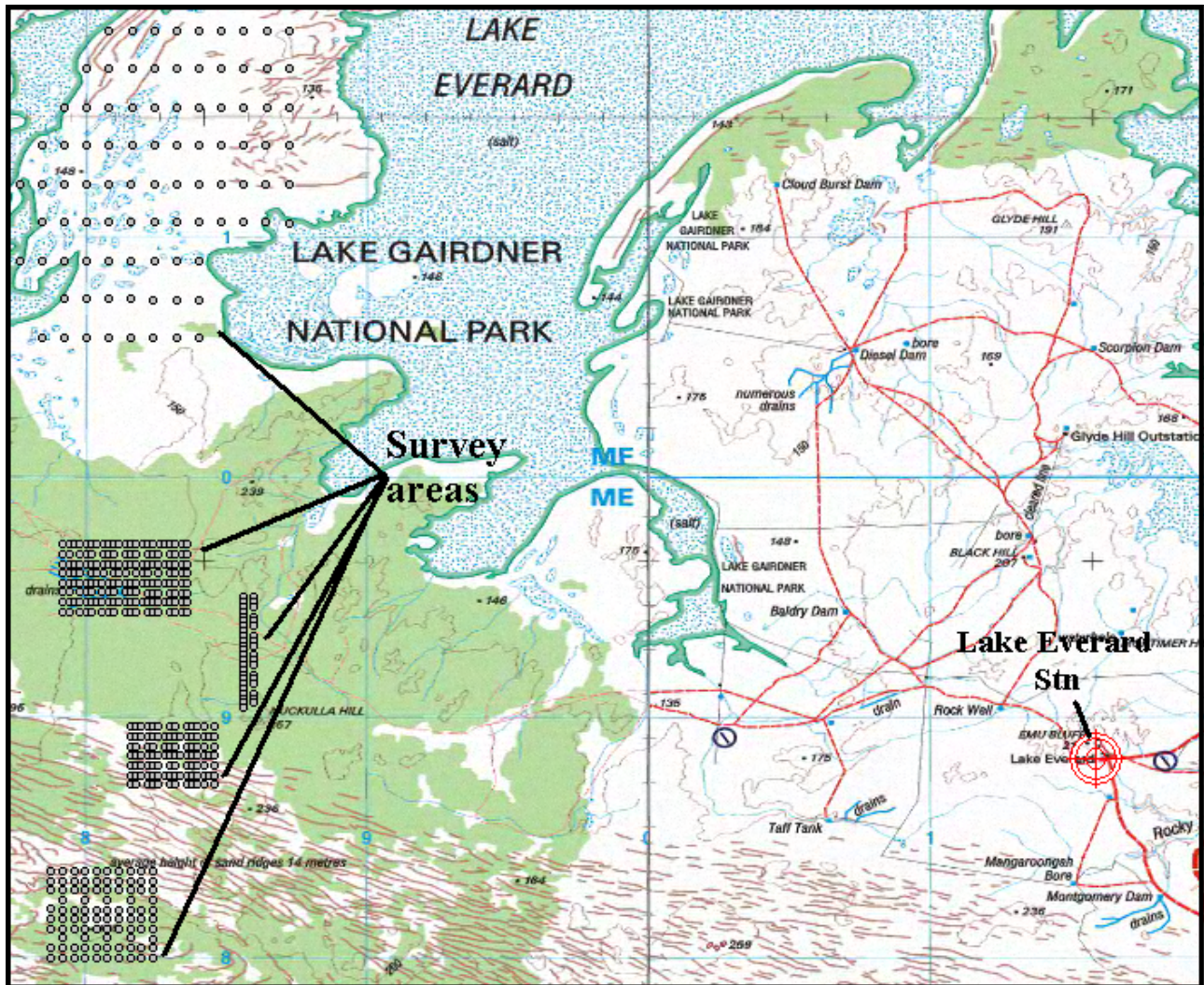


Figure 1. Location Diagram

Survey and Gravity Datum

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)
 Map Grid of Australia 1994 (MGA94)
 Zone 53

Vertical Datum: Australian Height Datum (AHD)

Gravity Datum: Isogal 1984 / IGSN 71

Survey and Gravity Base Stations

3 base stations were established in the survey area. They were placed on hills throughout the project to provide good VHF radio coverage for the RTK system. The bases were designated as 2005.0303, 2005.0304 and 2005.0305. The actual bases were marked with a short star picket driven flush with the natural surface. The bases are witnessed by a long star picket within 0.3m of the ground mark standing about 1m tall. Two aluminum tags are attached with the inscription "Haines Surveys" and "Gravity 2005.0303".

Sub-bases were located within 5 minutes drive of the main bases to provide a backup base station to the main base in case loop ties to the main base were poor. They are not marked but the approximate coordinates (± 10 m) listed in the table define their location.

Survey Control

Horizontal control has been established from survey mark HS 2004.4101 using the Static GPS technique.

Since GDA94 and WGS84 (Global Positioning System Datum) are virtually equivalent the GDA94 values can be directly input into the GPS processing software for all calculations.

Vertical control has been established from survey mark HS 2004.4101 using the Static GPS technique. The Australian Height Datum (AHD) height for this mark has been held fixed and the GDA94 height has been determined using the AUSGEOID98 gravimetric geoid.

Gravity Control

Gravity control for base station 2005.0303, 2005.0304 and 2005.0305 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using A-B-A ties from HS 2004.4101. The values for HS 2004.4101 were attained from a previous Haines survey (see 0401_Labyrinth report July 2004). A-B-A ties were made over several days to within 0.01 milligals.

Survey And Gravity Control Values

Control information (***WGS84 heights have been derived using AusGeoid98:***):

NUCKULLA/LAKE EVERARD 2005 SURVEY/GRAVITY CONTROL

Station	GDA94 (WGS84)			MGA Zone 53		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mgal
2003.3705	-31 43 40.62290	134 56 22.43150	158.223	494274.734	6489716.673	160.960	979424.542
2004.4101	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	979428.858
2005.0303	-31 41 29.98088	134 50 17.13361	153.816	484656.021	6493729.100	156.999	979423.130
2005.0304	-31 47 03.93930	134 46 04.02560	145.281	478014.851	6483435.010	149.034	979421.004
2005.0305	-31 31 58.79180	134 48 44.09800	125.230	482176.646	6511310.811	128.399	979403.436

GPS Observations and Processing

Carrier phase GPS data has been collected using *Trimble 4000* series Geodetic receivers.

Measurements for post processed observations have been made using Static techniques with baselines processed to double difference fixed solutions resulting in horizontal and vertical precision of approximately 2 cm.

Static baseline processing has been completed using Trimble GPSurvey version 2.30 software.

Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques giving horizontal and vertical precisions of at least 5 cm.

RTK processing has been completed using Trimble TDC1 firmware and RTK processing using Trimble Geomatics Office Version 1.01 software.

Gravity Observations

Gravity measurements have been made using a *Scintrex CG3 Autograv* instrument. Instrument number 908474 was used in this project.

Readings of 120 seconds were taken at base station. Readings of 40 seconds were taken at all other gravity survey points. Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

The CG5 instrument applies an instrument drift correction to its final gravity reading. Any residual drifts between base station readings are corrected by the gravity post processing software. The instrument also applies Earth Tide Correction to its final gravity reading at each station. The instrument calibration constants are contained in the daily gravity data files.

Point Numbering and Marking

An 8 digit point number is used to identify each gravity station. The first 4 digits indicate the line number. The second 4 digits indicate the station number

The 8 digit West-East line point numbers are constructed from the planned GDA coordinates for each gravity station using

Line No = (MGA N – 6000000) / 100	Stn No = (MGA E /100)
eg. Planned gravity station GDA coordinates	
6489600.000N	484600.000E
Line No = 4896	Station No = 4846
ie, Pt No = 48964846	

The 8 digit North-South line point numbers are constructed from the planned GDA coordinates for each gravity station using

Line No = (MGA E /100)	Stn No = (MGA N – 6000000) / 100
eg. Planned gravity station GDA coordinates	
486000.000E	6495000.000N
Line No = 4860	Station No = 4950
ie, Pt No = 48604950	

The gravity stations have not been marked in the field.

Gravity Processing

The gravity values for this survey are related to the *Australian Gravity Base Station Network* using the *Isogal84 (IGSN 71)* values at known Gravity Stations as provided by DMR.

Note that all gravity values shown in these surveys are expressed in units of milligals.

The field gravity observations have been processed using standard formulae and constants to produce a Bouguer Anomaly for each gravity station.

The meter reading as recorded in the raw Scintrex data file is corrected for instrument tilts, meter drift and Earth Tide. Post processing corrections are detailed below.

Drift

The residual drift between base station readings is calculated for each station reading proportionately by time. This is the drift value shown in the processing output.

$$\text{Drift} = [(t_1 - t_n) ((b_2 - b_1) / (t_2 - t_1))]$$

- t_n = time of meter reading at each station
- b_1 = base meter reading prior to station reading
- t_1 = time of base reading b_1
- b_2 = base meter reading after station reading
- t_2 = time of base reading b_2

Obs mgal

This is the observed gravity value in milligals.

$$\text{Obs} = b_g + (r_n - \text{drift}) - b_1$$

- b_g = base stn gravity value (Isogal84)
- r_n = meter reading at each station as shown in the CG3 .dat file
- drift = residual drift correction as shown above
- b_1 = base meter reading prior to station reading

Anom

This is the difference between the observed gravity and the theoretical gravity value at each station. The theoretical value is calculated using the *1967 International Gravity Formula*.

$$\text{Anom} = \text{Obs} - g_{th}$$

Obs = observed gravity as explained above

$$g_{th} = 978031.8 (1 + 0.0053024 \sin^2\phi - 0.0000059 \sin^2 2\phi)$$

ϕ = WGS84 Latitude

Freeair corn

The freeair correction is calculated using

$$\text{Freeair corn} = 0.3086 H$$

H = height above sea level (AHD height)

Bouguer corn

$$\text{Bouguer corn} = -0.04191 \rho H$$

ρ = density (2.67 g/cc used for this survey)

H = height above sea level (AHD height)

Bouguer Anom

$$\text{Bouguer Anom} = \text{Anom} + \text{Freeair corn} + \text{Bouguer corn}$$

Results Formats

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included in the Appendix of this report. Results are also supplied in digital form on Compact Disc with the following of files being supplied in a separate sub directory called Processed Data.

ALLCSV.CSV REPEATS.REP

Field gravity observation files with the extension .DAT and .DC and summarised GPS baseline solution files with extension .GPS are also supplied in a separate subdirectory named Raw Data.

A digital copy of this report is also on the compact disc in the root Directory

ALLCSV.CSV Format

This is a Comma Separated Variable format file. This format facilitates data import into spreadsheet and database software. Each record (line) contains the following data fields:

Pt Number, Line No, Station No, Date, Day Number, Local Time, WGS Latitude, WGS Longitude, WGS Height, MGA East, MGA North, AHD Height, Meter reading, Meter reading standard deviation, Earth Tide Correction, drift correction, corrected meter reading, gravity difference (mgal) from base, observed gravity (mgals), gravity anomaly, free-air correction, Bouguer correction (2.67), Bouguer anomaly

***.DAT**

These are the raw data files from the *Scintrex* CG3 gravimeter. There is a separate file for each day's data for each field party. The files are identified by the Julian day number (001 = Jan 1st) with the prefix G. eg. G142 = day 142 (21st May).

***.DC**

These are the GPS Real Time Kinematic Data Collector files. They are ASCII format files containing the GPS vectors from the base station. The data is structured in a Trimble format (DC file Version 4).

***.GPS**

These are the GPS solution summaries for all post processed Fast Static baselines with a separate file for each day's solutions. Each record (line) contains the following data fields:

Station, Solution Type, GPS Time, WGS84 Latitude, WGS84 Longitude, WGS84 Height, WGS84 dX, WGS84 dY, WGS84 dZ, Wgs84 dH, Baseline Distance, Solution Reference Variance, Solution RMSE, Rover Antenna Height, Baseline Standard Deviation , Solution Variance Ratio, Observation Count/Rejects, Observation Start time, Observation Finish time

Production Log**Labyrinth - Nuckulla/Lake Everard Production log**

Date	Day#	Obs	Repeats	Comments
20-Mar-05	79	73	10	Commence Area 3,surv/grav control
21-Mar-05	80	74	9	Complete Area 3,Commence Area 1
22-Mar-05	81	113	5	Continue Area 1
23-Mar-05	82	47	22	CompleteArea 1,Complete Area 2
24-Mar-05	83	55	2	Commence Area 4,surv/grav control,dunes
25-Mar-05	84	35	2	Complete Area 4,dunes
26-Mar-05	85	34	1	Commence Regional,surv/grav control
27-Mar-05	86	37	1	Continue Regional
28-Mar-05	87	20	3	Complete survey
	Total	488	55	

Repeat Observation Results

Pt #	Day	E	N	H	G	Bouguer
86009360	D295	485,999.318	6,493,599.770	144.561	979,425.217	-4.894
86009360	D 82	485,999.768	6,493,598.953	144.418	979,425.275	-4.865
		-0.450	+0.817	+0.143	-0.058	-0.029
86009440	D295	485,996.309	6,494,405.172	143.868	979,424.626	-5.034
86009440	D 82	485,995.301	6,494,404.748	143.775	979,424.644	-5.035
		+1.008	+0.424	+0.093	-0.018	+0.001
86009200	D296	485,997.081	6,491,998.236	161.762	979,423.647	-4.248
86009200	D 82	485,996.654	6,491,997.265	161.676	979,423.619	-4.293
		+0.427	+0.971	+0.086	+0.028	+0.045
86009280	D296	485,997.019	6,492,797.565	151.169	979,425.256	-4.140
86009280	D 82	485,995.884	6,492,800.191	151.075	979,425.242	-4.170
		+1.135	-2.626	+0.094	+0.014	+0.030
86009120	D296	486,000.467	6,491,200.039	182.682	979,420.027	-4.334
86009120	D 82	485,997.509	6,491,199.588	182.575	979,419.984	-4.399
		+2.958	+0.451	+0.107	+0.043	+0.065
86009040	D296	486,001.061	6,490,402.749	226.723	979,411.408	-4.872
86009040	D 82	486,000.554	6,490,404.457	226.595	979,411.382	-4.922
		+0.507	-1.708	+0.128	+0.026	+0.050
85209120	D195	485,198.289	6,491,202.804	178.115	979,420.570	-4.687
85209120	D 82	485,198.112	6,491,203.171	177.980	979,420.547	-4.736
		+0.177	-0.367	+0.135	+0.023	+0.049
85209280	D195	485,198.417	6,492,798.357	157.634	979,423.756	-4.367
85209280	D 82	485,196.691	6,492,798.880	157.452	979,423.795	-4.363
		+1.726	-0.523	+0.182	-0.039	-0.004
85209440	D195	485,196.649	6,494,402.489	139.005	979,425.506	-5.112
85209440	D 82	485,194.683	6,494,404.309	138.912	979,425.500	-5.135
		+1.966	-1.820	+0.093	+0.006	+0.023
96807960	D197	479,599.394	6,496,803.592	155.324	979,415.391	-10.261
96807960	D 81	479,595.029	6,496,803.901	155.284	979,415.416	-10.244
		+4.365	-0.309	+0.040	-0.025	-0.017
96808280	D295	482,799.368	6,496,796.902	146.524	979,419.522	-7.870
96808280	D 81	482,796.730	6,496,798.559	146.460	979,419.553	-7.851
		+2.638	-1.657	+0.064	-0.031	-0.019
96008280	D295	482,796.370	6,495,997.919	137.537	979,422.831	-6.911
96008280	D 81	482,795.828	6,495,999.215	137.456	979,422.847	-6.910
		+0.542	-1.296	+0.081	-0.016	-0.001

95208120	D197	481,196.954	6,495,205.336	137.723	979,422.924	-7.357
95208120	D 81	481,194.579	6,495,206.830	137.673	979,422.912	-7.378
		+2.375	-1.494	+0.050	+0.012	+0.021
88008280	D 79	482,799.093	6,487,998.768	161.090	979,424.343	-6.596
88008280	D299	482,804.808	6,488,000.936	161.430	979,424.307	-6.564
		-5.715	-2.168	-0.340	+0.036	-0.032
95208280	D295	482,793.239	6,495,196.573	132.560	979,425.189	-6.116
95208280	D 80	482,791.376	6,495,196.081	132.393	979,425.172	-6.166
		+1.863	+0.492	+0.167	+0.017	+0.050
95208260	D 80	482,599.903	6,495,196.578	132.604	979,425.032	-6.264
95208260	D 81	482,599.922	6,495,196.538	132.602	979,425.018	-6.278
		-0.019	+0.040	+0.002	+0.014	+0.014
95207920	D 81	479,198.509	6,495,200.549	157.444	979,415.781	-10.621
95207920	D 82	479,198.467	6,495,200.454	157.429	979,415.738	-10.667
		+0.042	+0.095	+0.015	+0.043	+0.046
95607920	D 81	479,200.721	6,495,600.327	157.896	979,415.240	-10.782
95607920	D 82	479,200.849	6,495,600.274	157.869	979,415.221	-10.807
		-0.128	+0.053	+0.027	+0.019	+0.025
96007920	D 81	479,195.660	6,495,999.936	160.104	979,414.597	-10.700
96007920	D 82	479,195.622	6,495,999.961	159.930	979,414.607	-10.724
		+0.038	-0.025	+0.174	-0.010	+0.024
96407920	D 81	479,198.226	6,496,403.055	160.164	979,414.305	-10.686
96407920	D 82	479,198.340	6,496,403.072	160.098	979,414.276	-10.728
		-0.114	-0.017	+0.066	+0.029	+0.042
97208260	D 81	482,596.846	6,497,201.127	148.899	979,418.218	-8.413
97208260	D 82	482,596.777	6,497,200.907	148.873	979,418.266	-8.370
		+0.069	+0.220	+0.026	-0.048	-0.043
86009360	D295	485,999.318	6,493,599.770	144.561	979,425.217	-4.894
86009360	D 82	485,999.768	6,493,598.953	144.418	979,425.275	-4.865
		-0.450	+0.817	+0.143	-0.058	-0.029
86009440	D295	485,996.309	6,494,405.172	143.868	979,424.626	-5.034
86009440	D 82	485,995.301	6,494,404.748	143.775	979,424.644	-5.035
		+1.008	+0.424	+0.093	-0.018	+0.001
86009200	D296	485,997.081	6,491,998.236	161.762	979,423.647	-4.248
86009200	D 82	485,996.654	6,491,997.265	161.676	979,423.619	-4.293
		+0.427	+0.971	+0.086	+0.028	+0.045
86009280	D296	485,997.019	6,492,797.565	151.169	979,425.256	-4.140
86009280	D 82	485,995.884	6,492,800.191	151.075	979,425.242	-4.170
		+1.135	-2.626	+0.094	+0.014	+0.030

86009120	D296	486,000.467	6,491,200.039	182.682	979,420.027	-4.334
86009120	D 82	485,997.509	6,491,199.588	182.575	979,419.984	-4.399
		+2.958	+0.451	+0.107	+0.043	+0.065
86009040	D296	486,001.061	6,490,402.749	226.723	979,411.408	-4.872
86009040	D 82	486,000.554	6,490,404.457	226.595	979,411.382	-4.922
		+0.507	-1.708	+0.128	+0.026	+0.050
85209120	D195	485,198.289	6,491,202.804	178.115	979,420.570	-4.687
85209120	D 82	485,198.112	6,491,203.171	177.980	979,420.547	-4.736
		+0.177	-0.367	+0.135	+0.023	+0.049
85209280	D195	485,198.417	6,492,798.357	157.634	979,423.756	-4.367
85209280	D 82	485,196.691	6,492,798.880	157.452	979,423.795	-4.363
		+1.726	-0.523	+0.182	-0.039	-0.004
85209440	D195	485,196.649	6,494,402.489	139.005	979,425.506	-5.112
85209440	D 82	485,194.683	6,494,404.309	138.912	979,425.500	-5.135
		+1.966	-1.820	+0.093	+0.006	+0.023
88008280	D 79	482,799.093	6,487,998.768	161.090	979,424.343	-6.596
88008280	D299	482,804.808	6,488,000.936	161.430	979,424.307	-6.564
		-5.715	-2.168	-0.340	+0.036	-0.032
88008320	D 79	483,196.880	6,487,996.186	172.640	979,422.353	-6.317
88008320	D 80	483,197.078	6,487,996.208	172.665	979,422.332	-6.333
		-0.198	-0.022	-0.025	+0.021	+0.016
87208200	D197	481,992.349	6,487,200.758	142.251	979,425.161	-10.065
87208200	D 80	481,991.813	6,487,198.906	142.170	979,425.184	-10.059
		+0.536	+1.852	+0.081	-0.023	-0.006
88008280	D 79	482,799.093	6,487,998.768	161.090	979,424.343	-6.596
88008280	D299	482,804.808	6,488,000.936	161.430	979,424.307	-6.564
		-5.715	-2.168	-0.340	+0.036	-0.032
88008280	D 79	482,799.093	6,487,998.768	161.090	979,424.318	-6.621
		+0.000	+0.000	+0.000	+0.025	+0.025
88808280	D 79	482,801.356	6,488,801.191	210.840	979,414.024	-6.544
88808280	D 79	482,801.356	6,488,801.191	210.840	979,414.010	-6.558
		+0.000	+0.000	+0.000	+0.014	+0.014
87208440	D298	484,400.225	6,487,203.404	195.388	979,417.778	-6.997
87208440	D 80	484,399.571	6,487,201.187	195.308	979,417.774	-7.018
		+0.654	+2.217	+0.080	+0.004	+0.021
87208280	D299	482,795.218	6,487,199.587	165.707	979,422.636	-7.978
87208280	D 80	482,801.931	6,487,192.921	166.176	979,422.588	-7.938
		-6.713	+6.666	-0.469	+0.048	-0.040

88808440 D298 484,398.706 6,488,801.003 162.479 979,424.608 -5.475
 88808440 D 79 484,396.917 6,488,799.644 162.214 979,424.644 -5.492
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88008440 D298 484,392.401 6,488,001.660 185.253 979,420.263 -5.923
 88008440 D 79 484,392.587 6,488,001.640 185.180 979,420.302 -5.898
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 89608280 D299 482,771.493 6,489,604.610 161.375 979,423.460 -6.252
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 89608280 D 79 482,770.803 6,489,604.590 161.185 979,423.484 -6.265
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89608440 D298 484,398.807 6,489,598.690 151.612 979,426.603 -5.036
 89608440 D 79 484,399.114 6,489,596.399 151.599 979,426.633 -5.010
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88008340 D199 483,391.241 6,487,999.634 178.486 979,421.824 -5.693
 88008340 D 79 483,389.679 6,488,001.578 178.499 979,421.827 -5.686
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89608340 D199 483,400.762 6,489,599.242 161.331 979,423.896 -5.829
 89608340 D 79 483,402.496 6,489,602.087 161.097 979,423.878 -5.891
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87608460 D 79 484,599.930 6,487,601.348 194.393 979,418.473 -6.207
 87608460 D 80 484,599.888 6,487,601.117 194.330 979,418.468 -6.225
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89208380 D 79 483,798.380 6,489,200.615 166.412 979,423.780 -5.237
 89208380 D 80 483,798.543 6,489,200.678 166.407 979,423.758 -5.260
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89208420 D 79 484,197.235 6,489,200.847 156.996 979,425.761 -5.108
 89208420 D 80 484,197.208 6,489,200.892 156.998 979,425.786 -5.083
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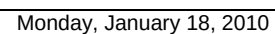
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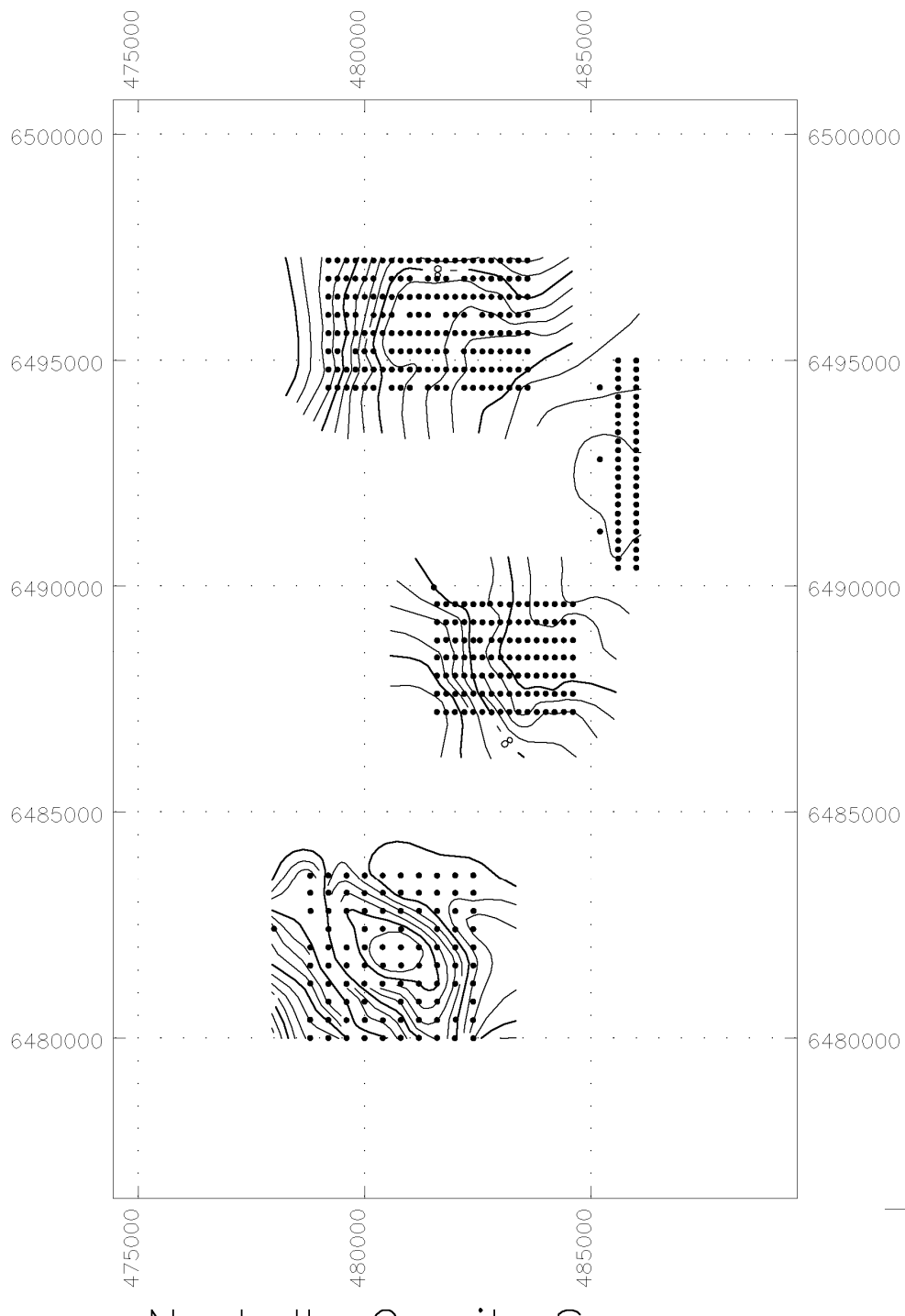
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 82408040 D 83 480,398.979 6,482,405.530 142.028 979,429.031 -9.735
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82408200	D197	481,999.043	6,482,393.523	152.596	979,424.242	-12.456
82408200	D 83	482,000.822	6,482,393.172	152.557	979,424.212	-12.494
		-1.779	+0.351	+0.039	+0.030	+0.038
81607880	D 83	478,800.505	6,481,599.077	122.899	979,428.309	-14.806
81607880	D 84	478,800.521	6,481,599.048	122.865	979,428.281	-14.841
		-0.016	+0.029	+0.034	+0.028	+0.035
82007880	D 83	478,801.578	6,481,997.820	125.348	979,428.032	-14.310
82007880	D 84	478,801.653	6,481,997.805	125.337	979,428.063	-14.282
		-0.075	+0.015	+0.011	-0.031	-0.028
51544840	D 85	483,995.628	6,515,405.855	131.253	979,394.937	-21.928
51544840	D 86	483,994.138	6,515,400.631	131.381	979,394.939	-21.905
		+1.490	+5.224	-0.128	-0.002	-0.023
51704816	D 85	481,599.580	6,516,999.233	134.731	979,393.446	-21.576
51704816	D 87	481,599.529	6,516,999.249	134.726	979,393.480	-21.543
		+0.051	-0.016	+0.005	-0.034	-0.033
51704840	D 85	484,001.608	6,516,999.485	132.148	979,391.686	-23.846
51704840	D 85	484,001.608	6,516,999.485	132.148	979,391.675	-23.857
		+0.000	+0.000	+0.000	+0.011	+0.011
50904816	D 86	481,602.564	6,509,000.887	128.388	979,406.771	-15.308
50904816	D 87	481,602.637	6,509,000.949	128.393	979,406.740	-15.338
		-0.073	-0.062	-0.005	+0.031	+0.030
51224816	D 87	481,569.540	6,512,200.688	128.429	979,402.695	-17.051
51224816	D 87	481,597.974	6,512,203.639	126.849	979,403.003	-17.052
		-28.434	-2.951	+1.580	-0.308	+0.001

Plots

Nuckulla	
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Lake Everard	
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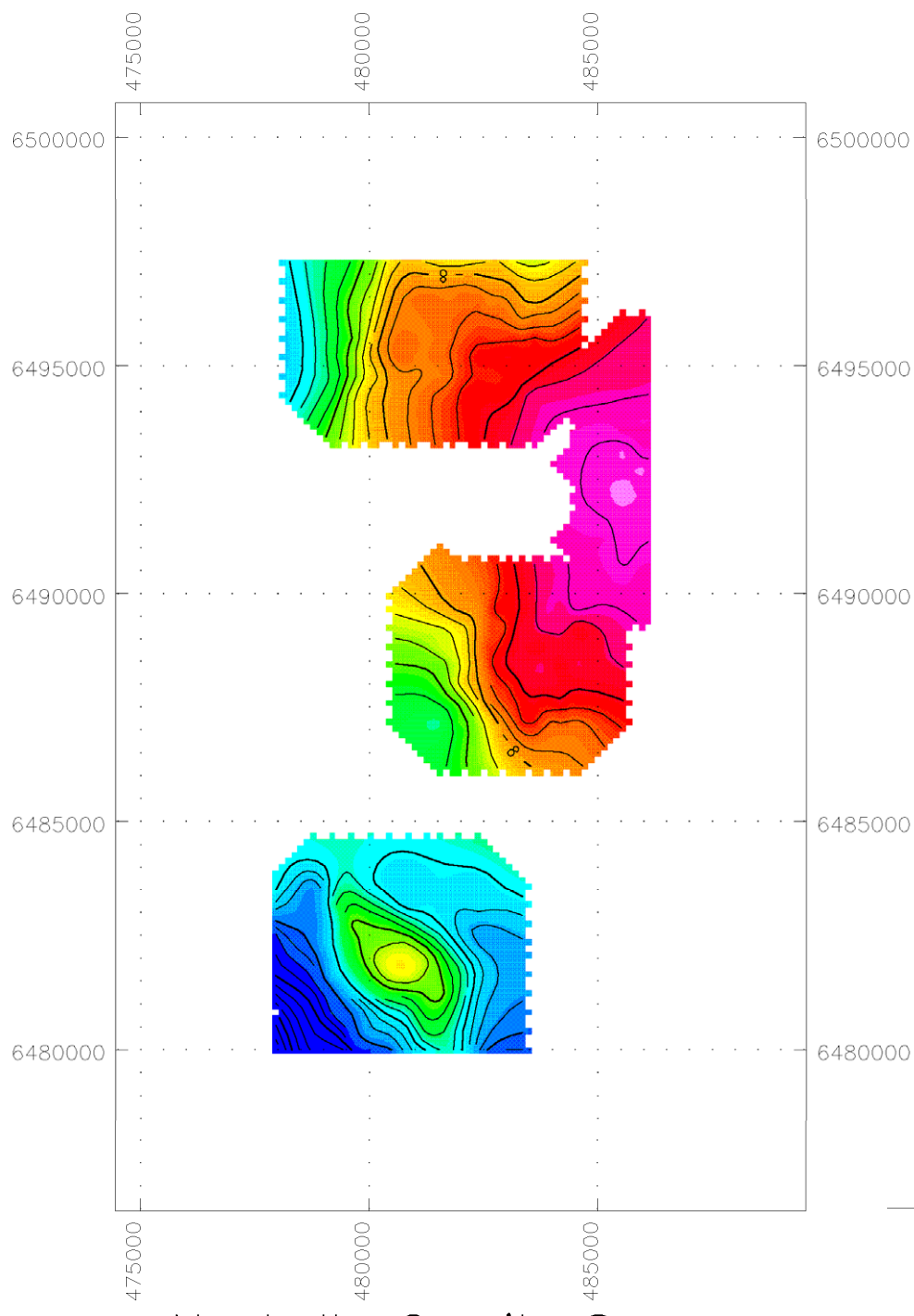


Nuckulla Gravity Survey

Bouguer anomaly contours (mGals) and zoned colour image

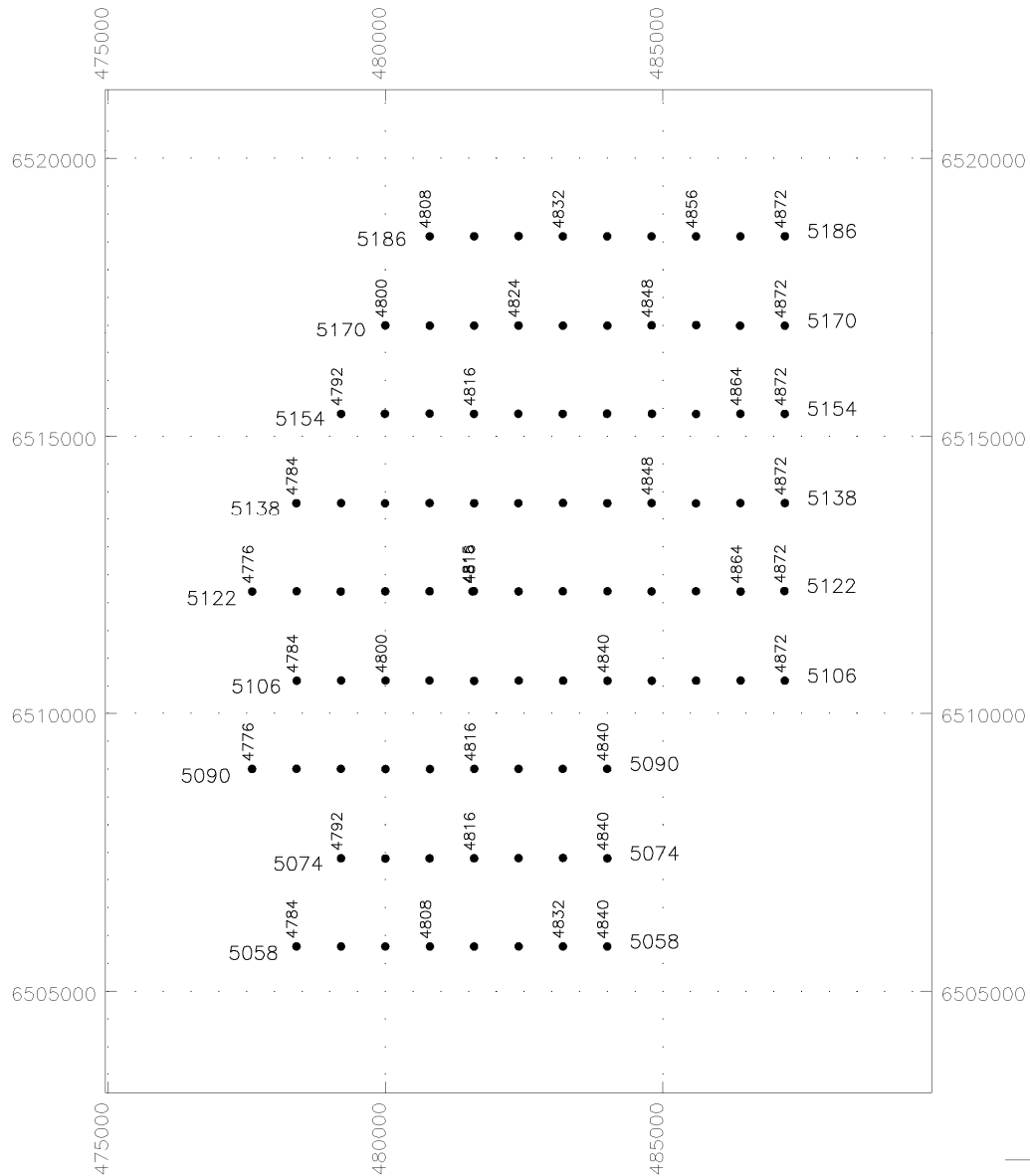
Haines Surveys Pty. Ltd. March 2005





Nuckulla Gravity Survey
Bouguer anomaly contours (mGals) and zoned colour image
Haines Surveys Pty. Ltd. March 2005

2500 0 2500 5000
(metres)

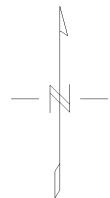


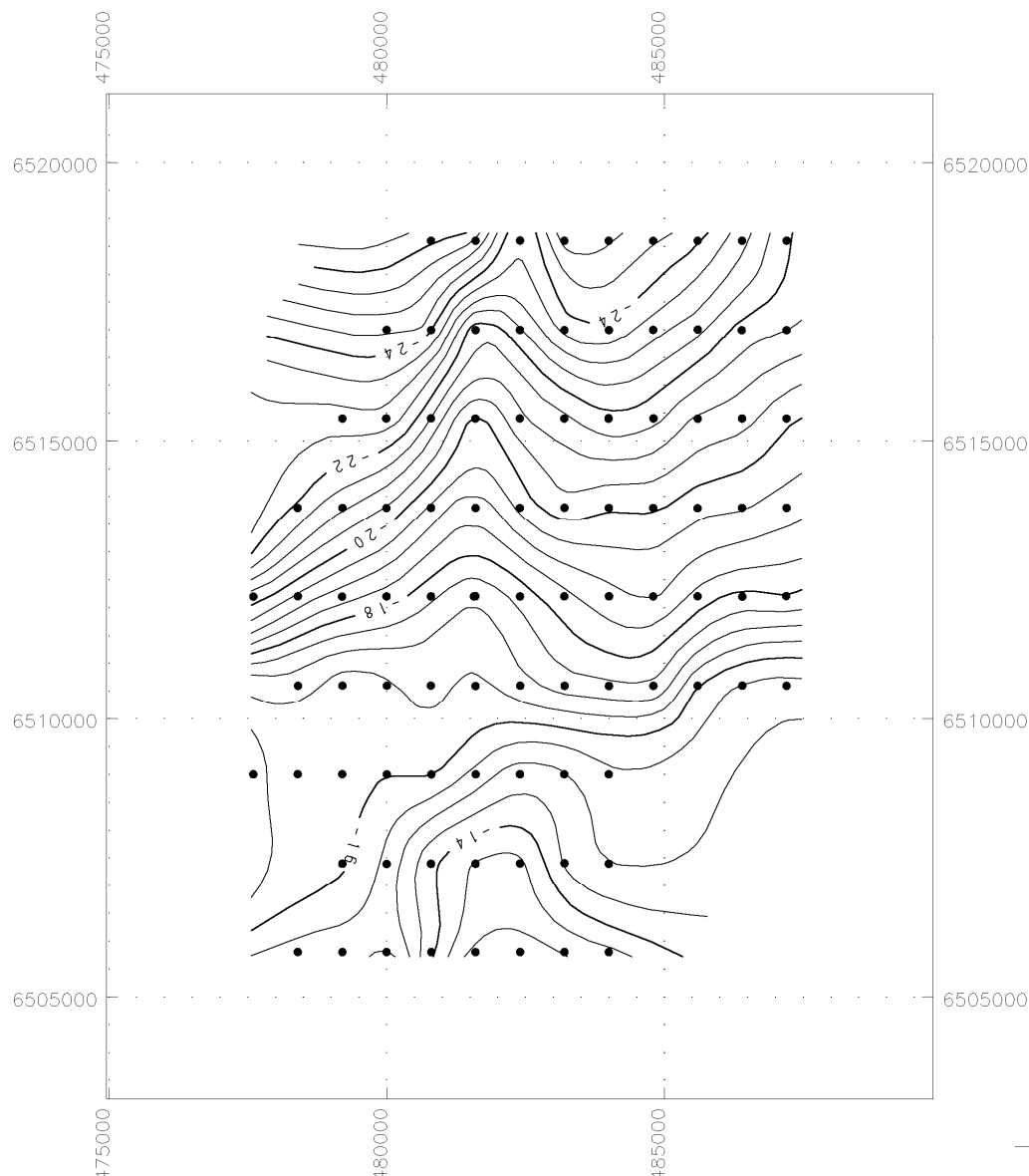
Lake Everard Regional Gravity Survey

Station locations

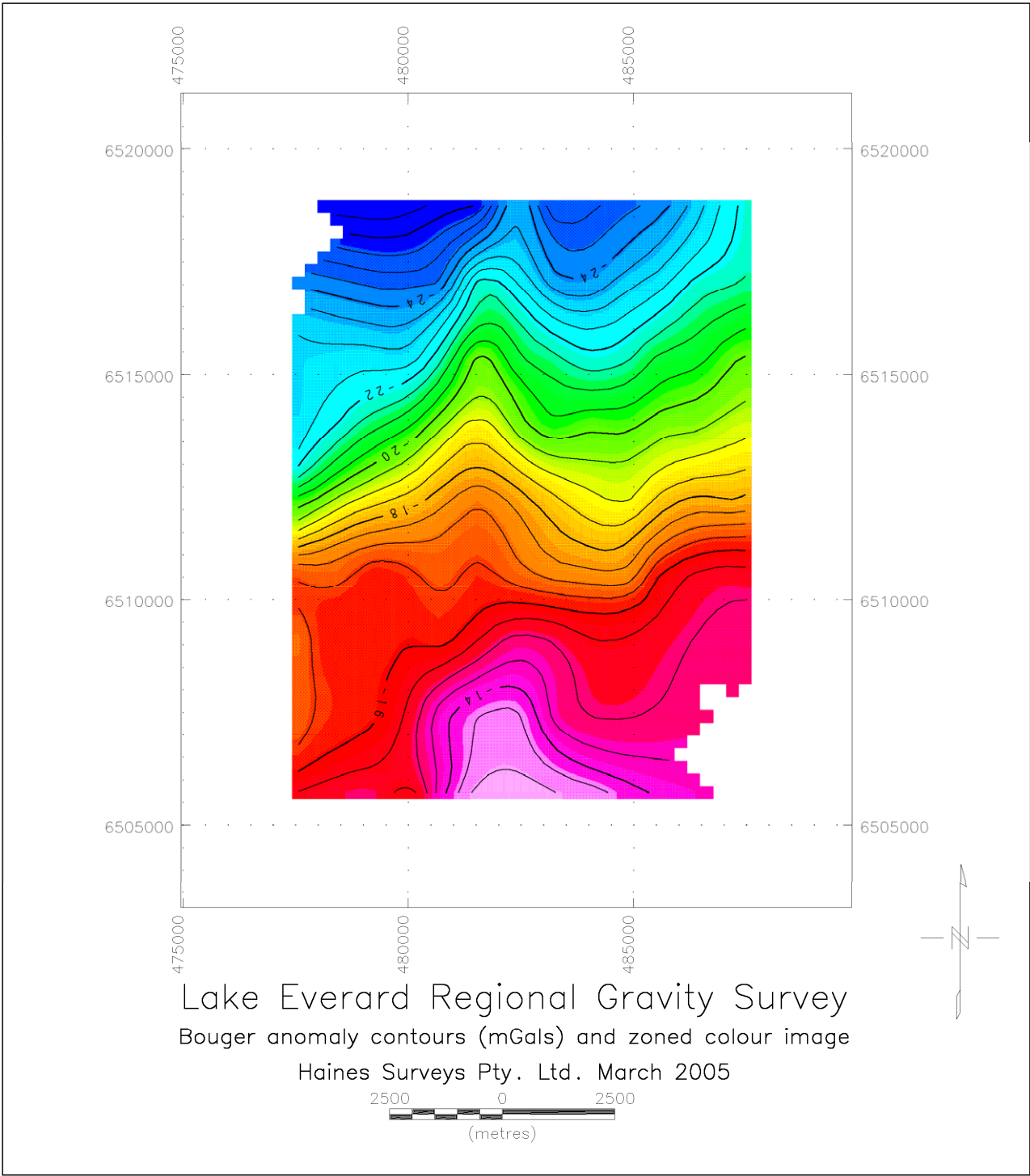
Haines Surveys Pty. Ltd. March 2005

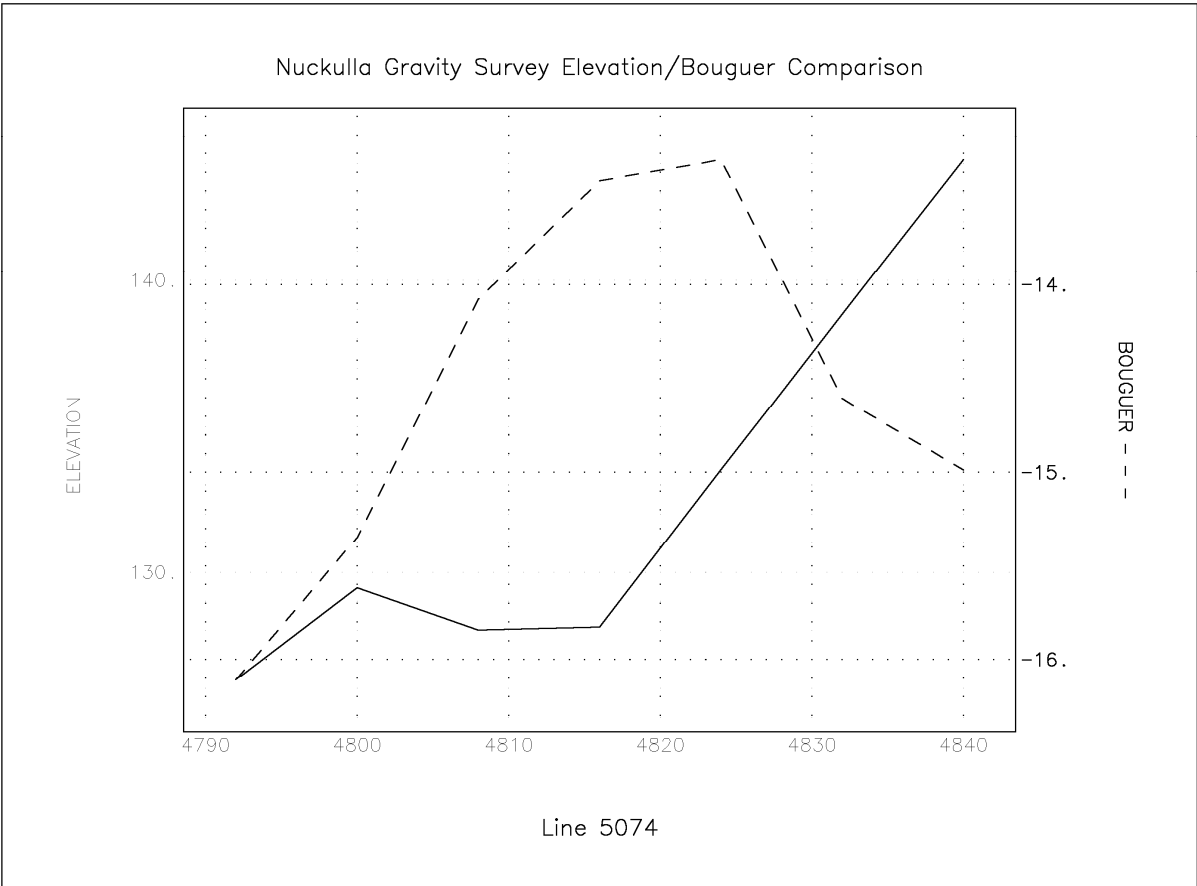
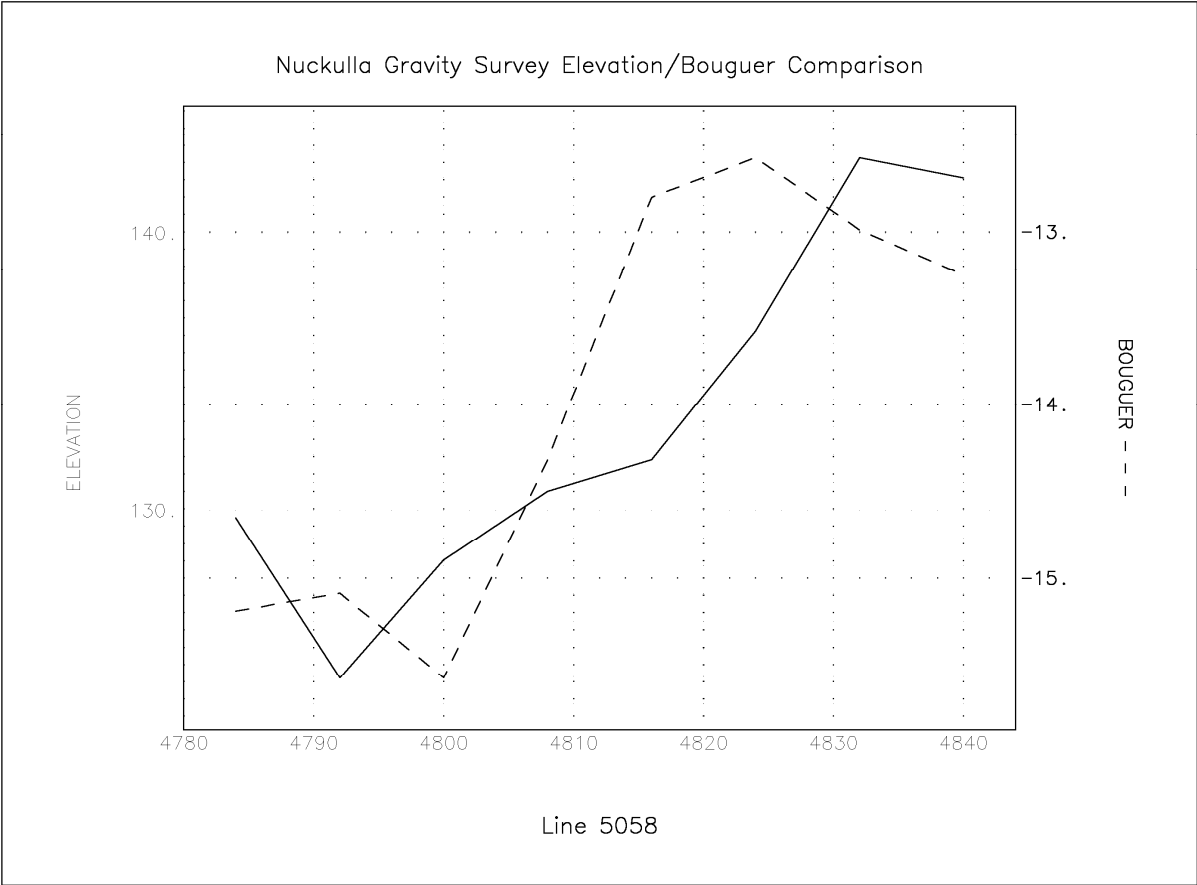
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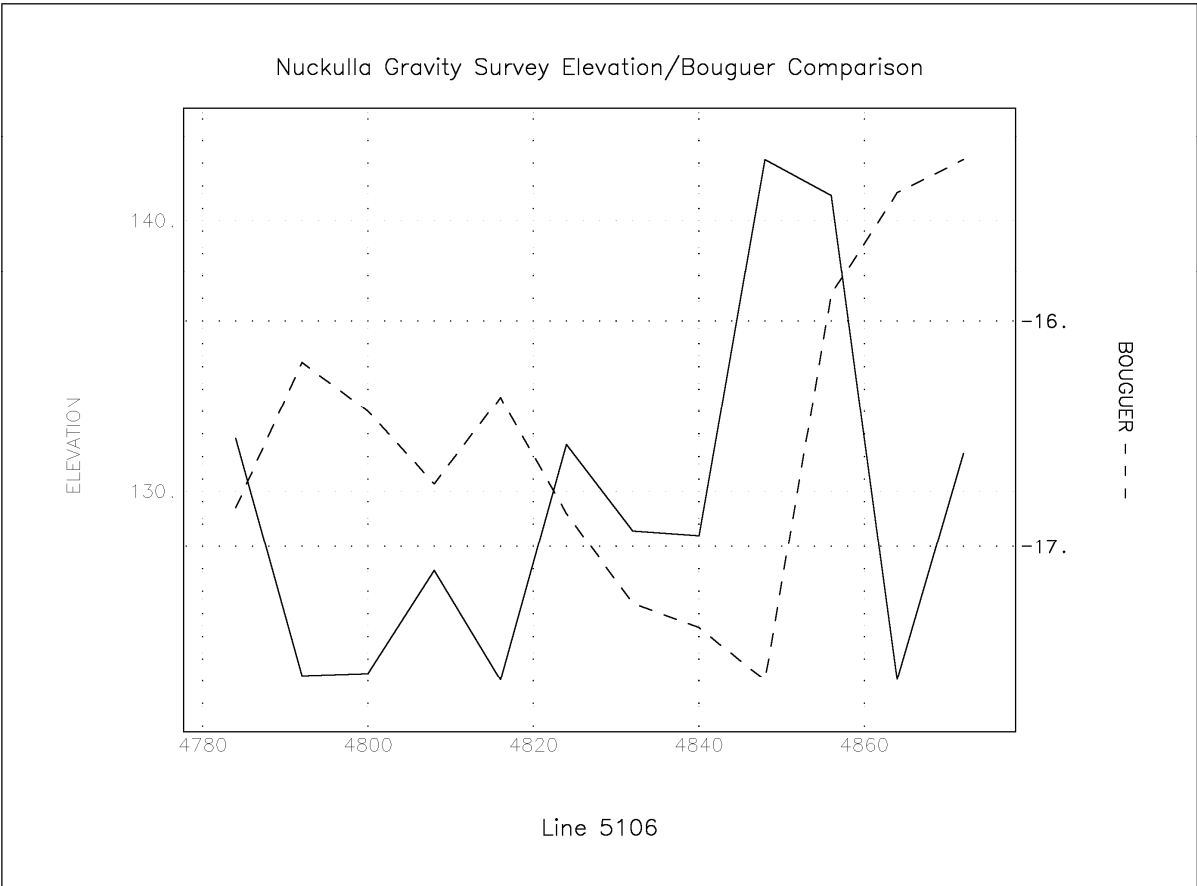
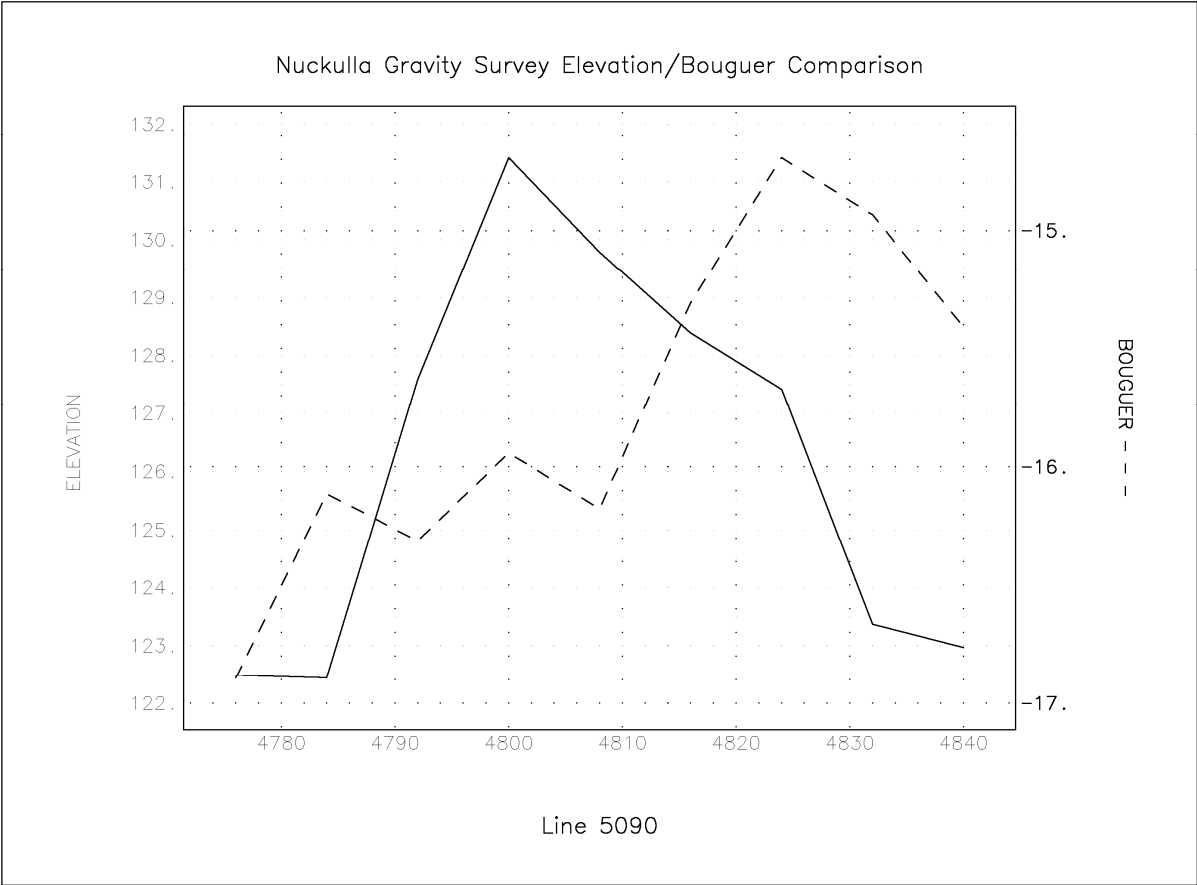


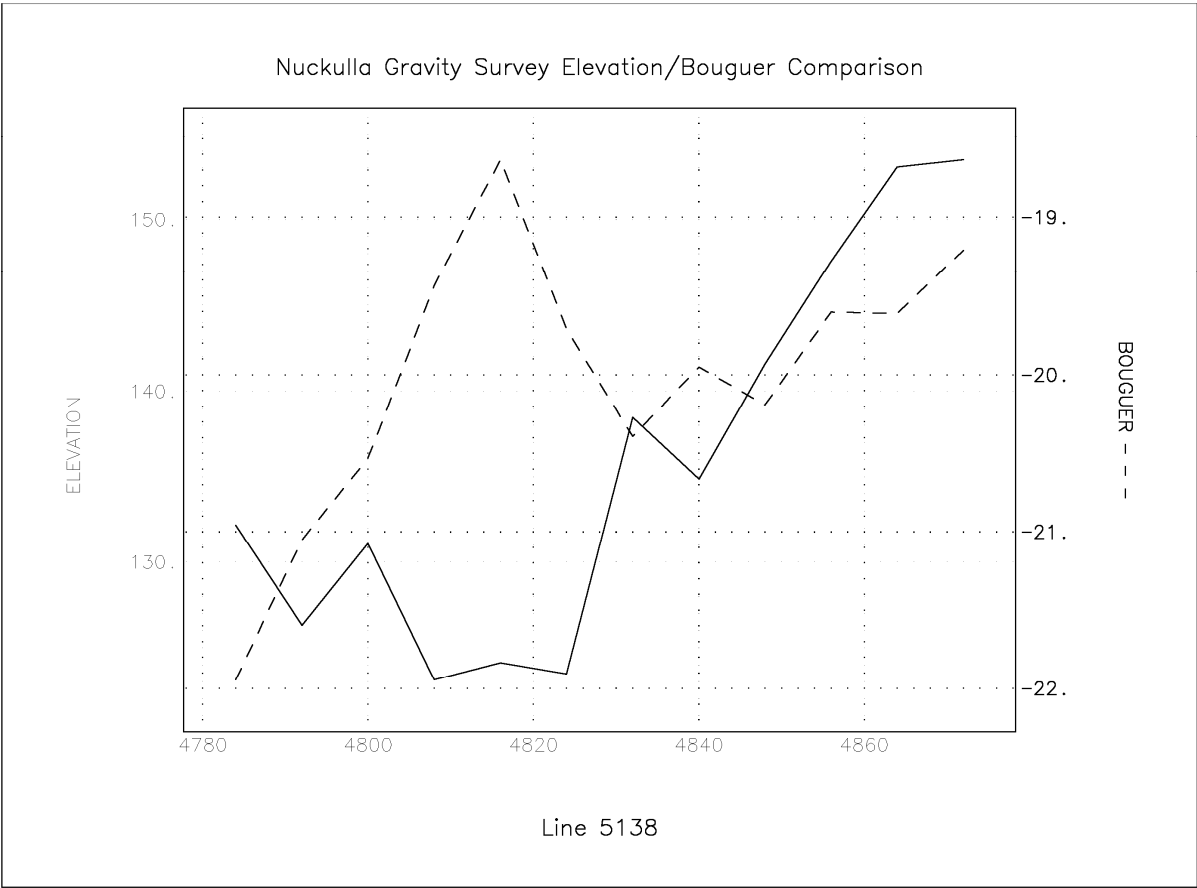
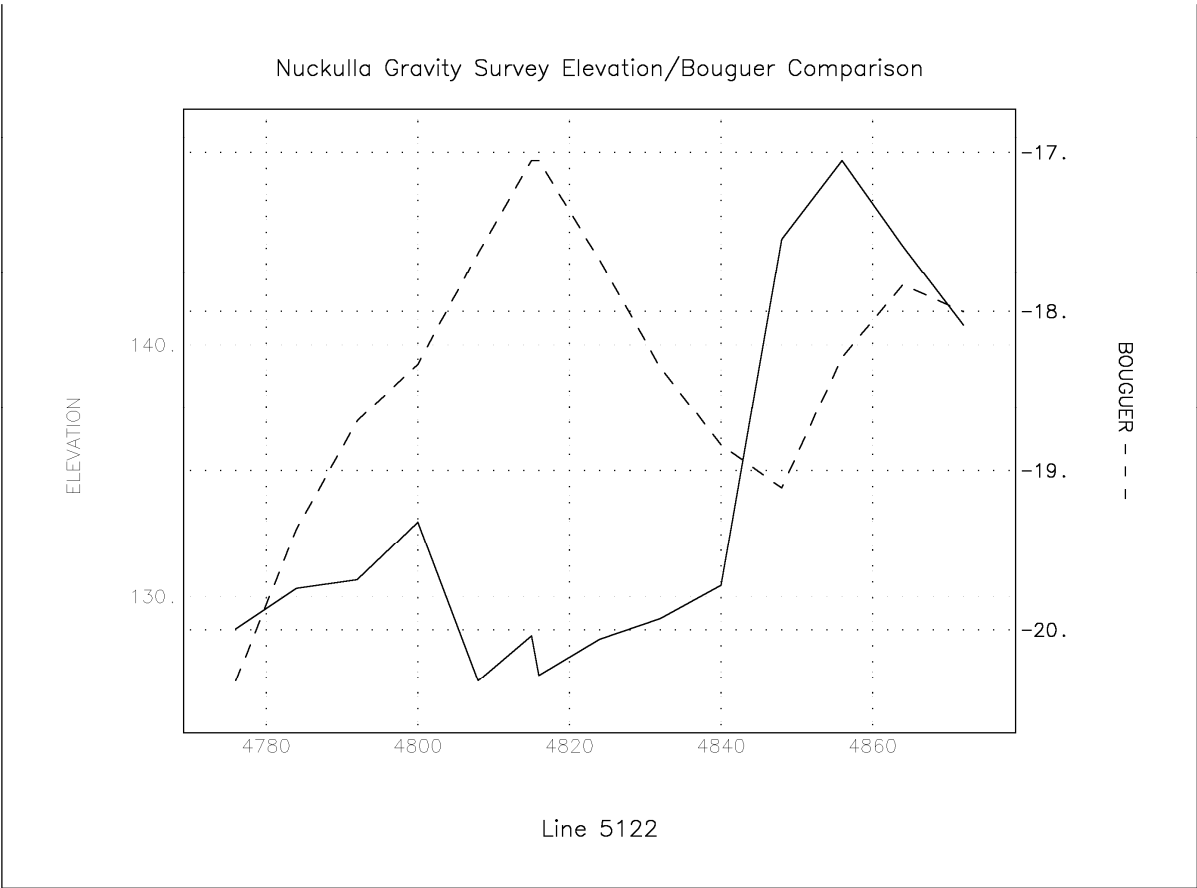


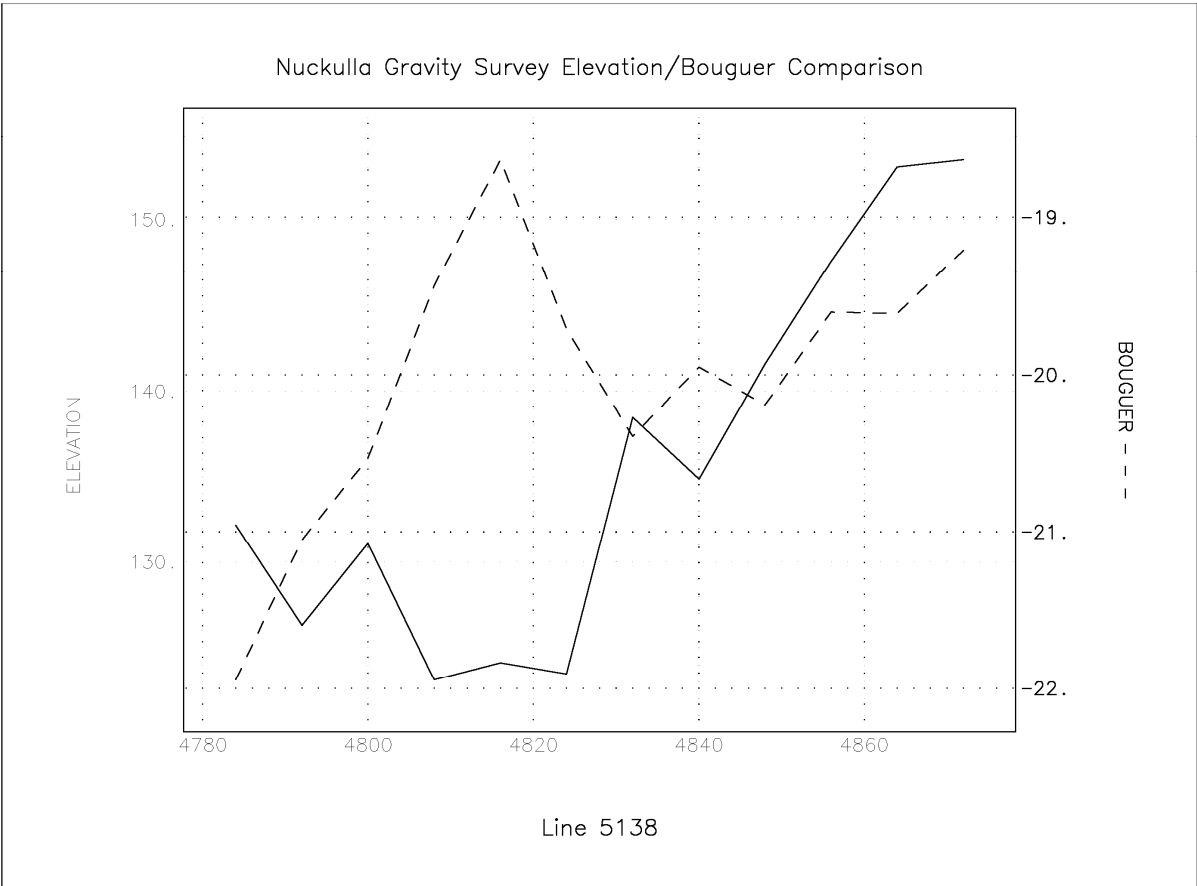
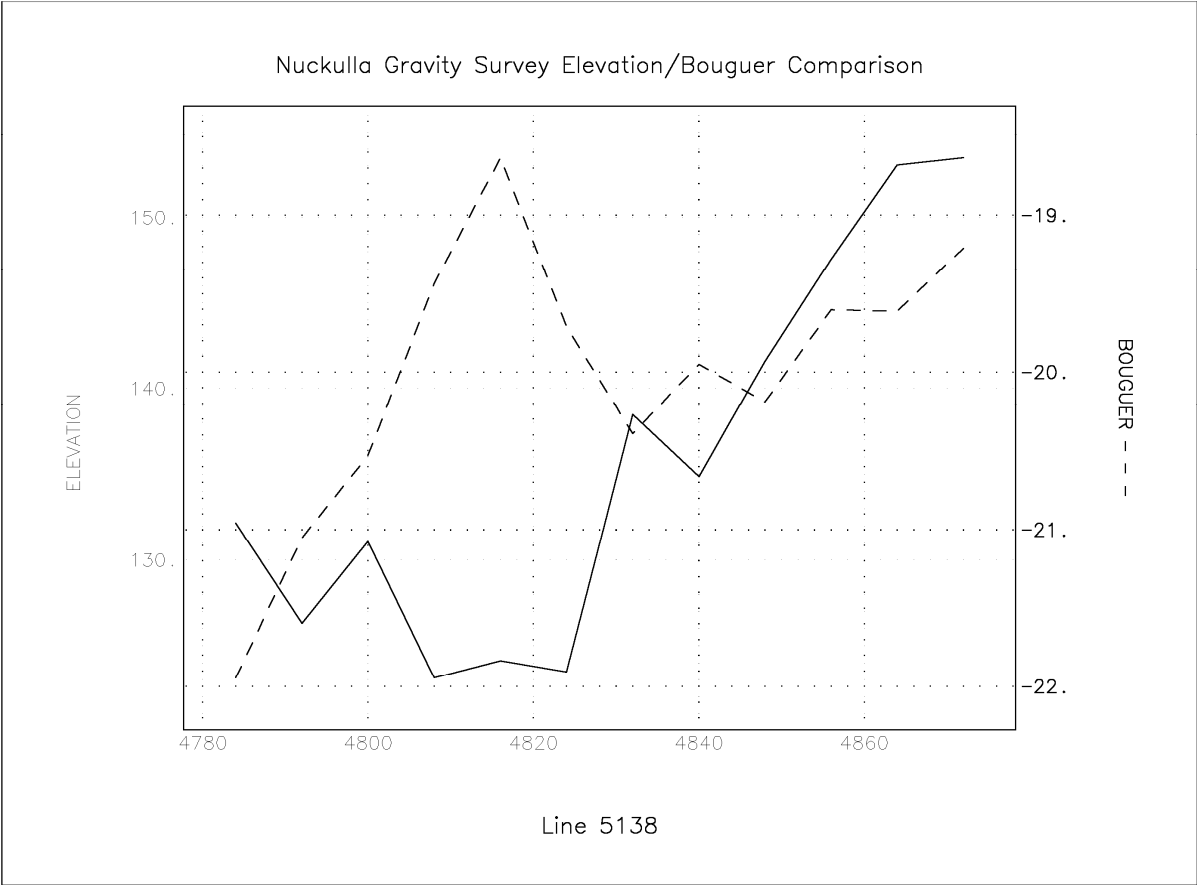
Lake Everard Regional Gravity Survey
Station locations and Bouguer anomaly contours (mGals)
Haines Surveys Pty. Ltd. March 2005

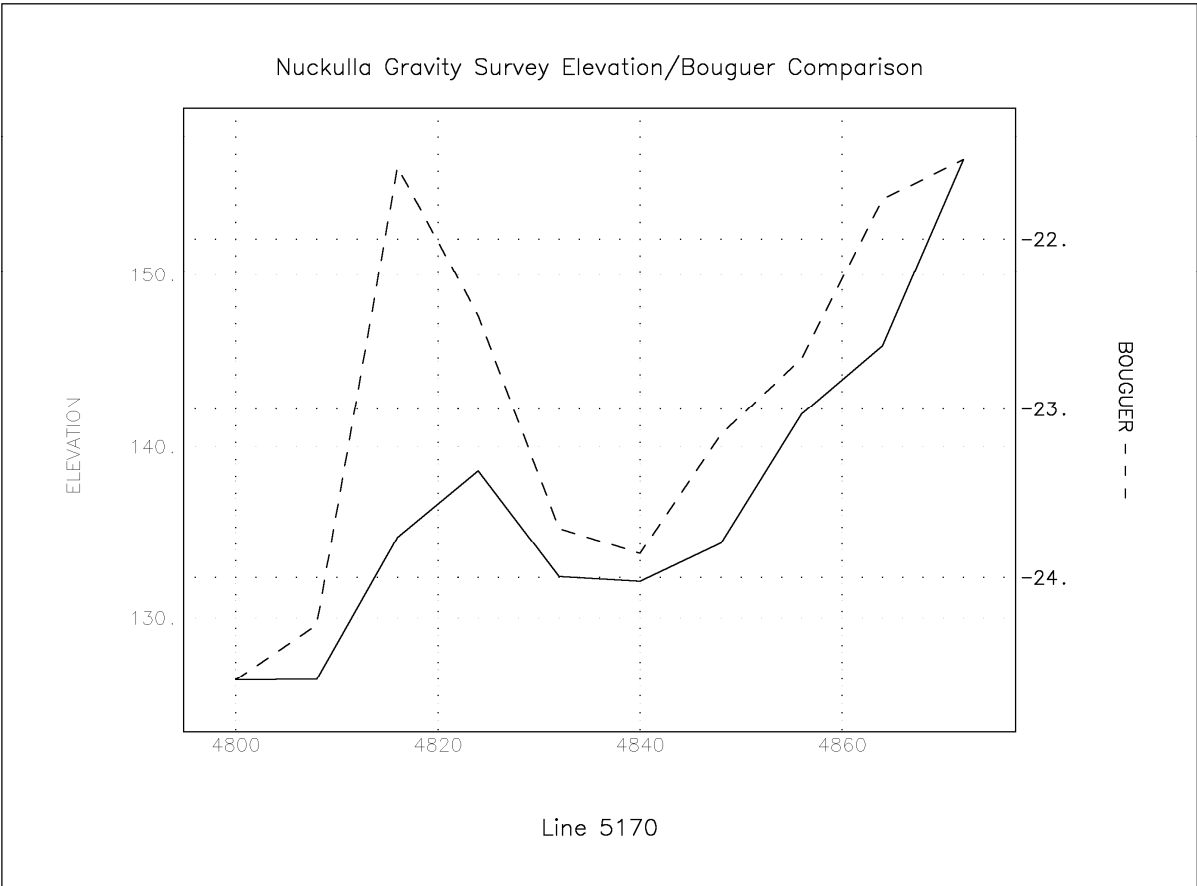
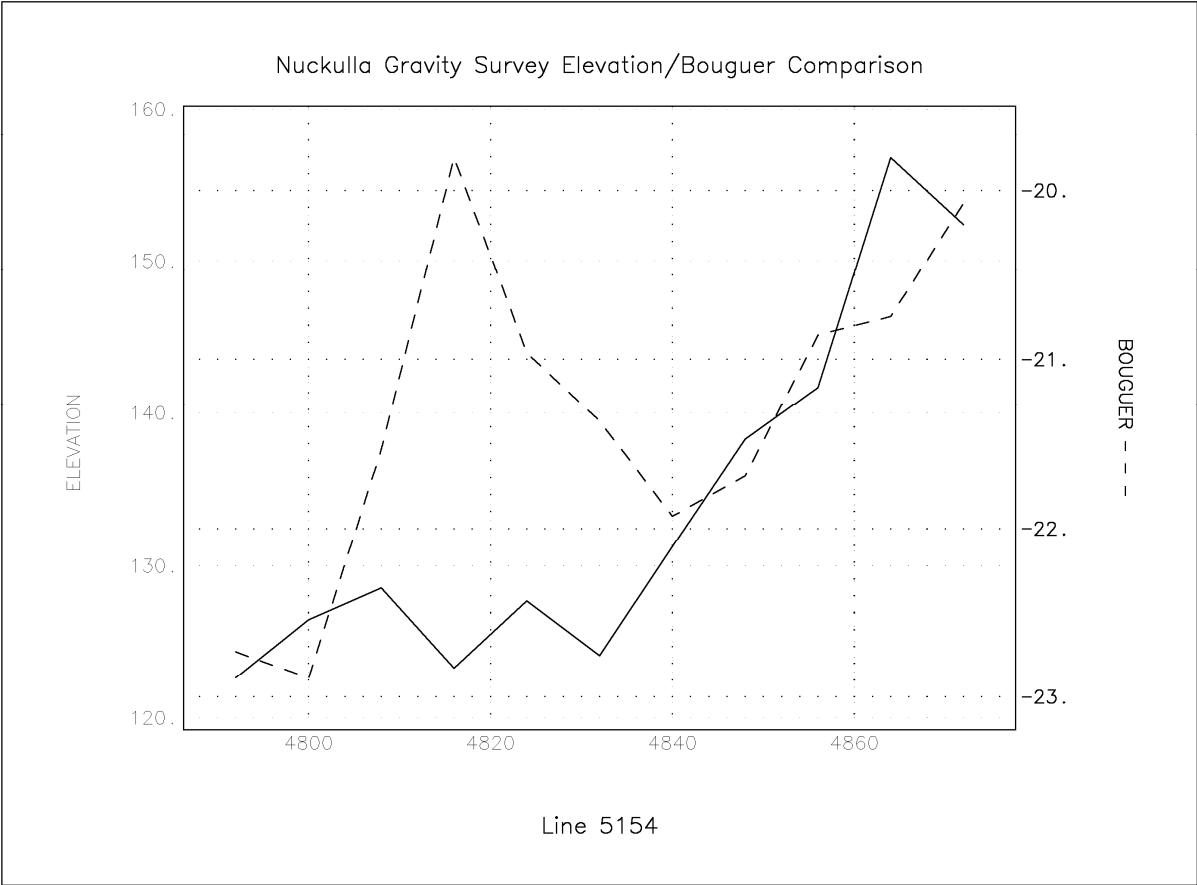


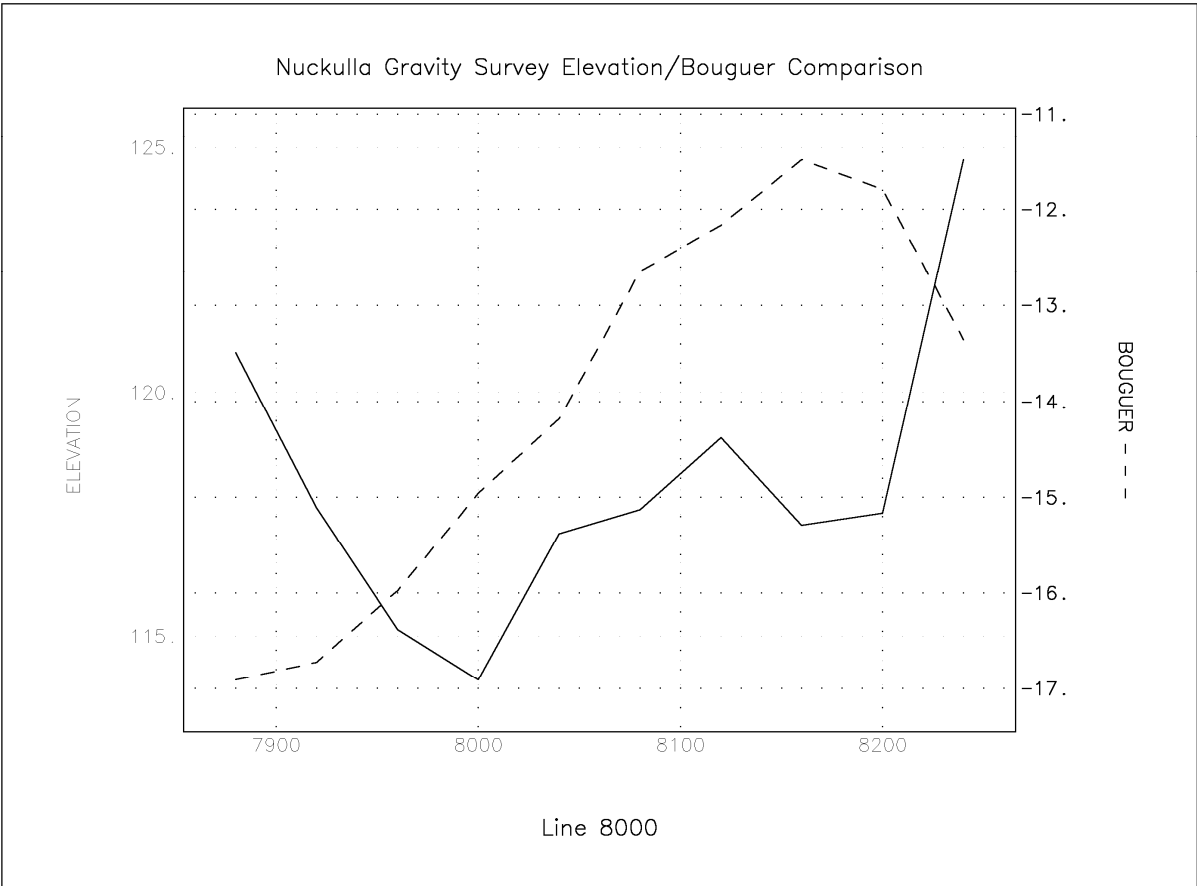
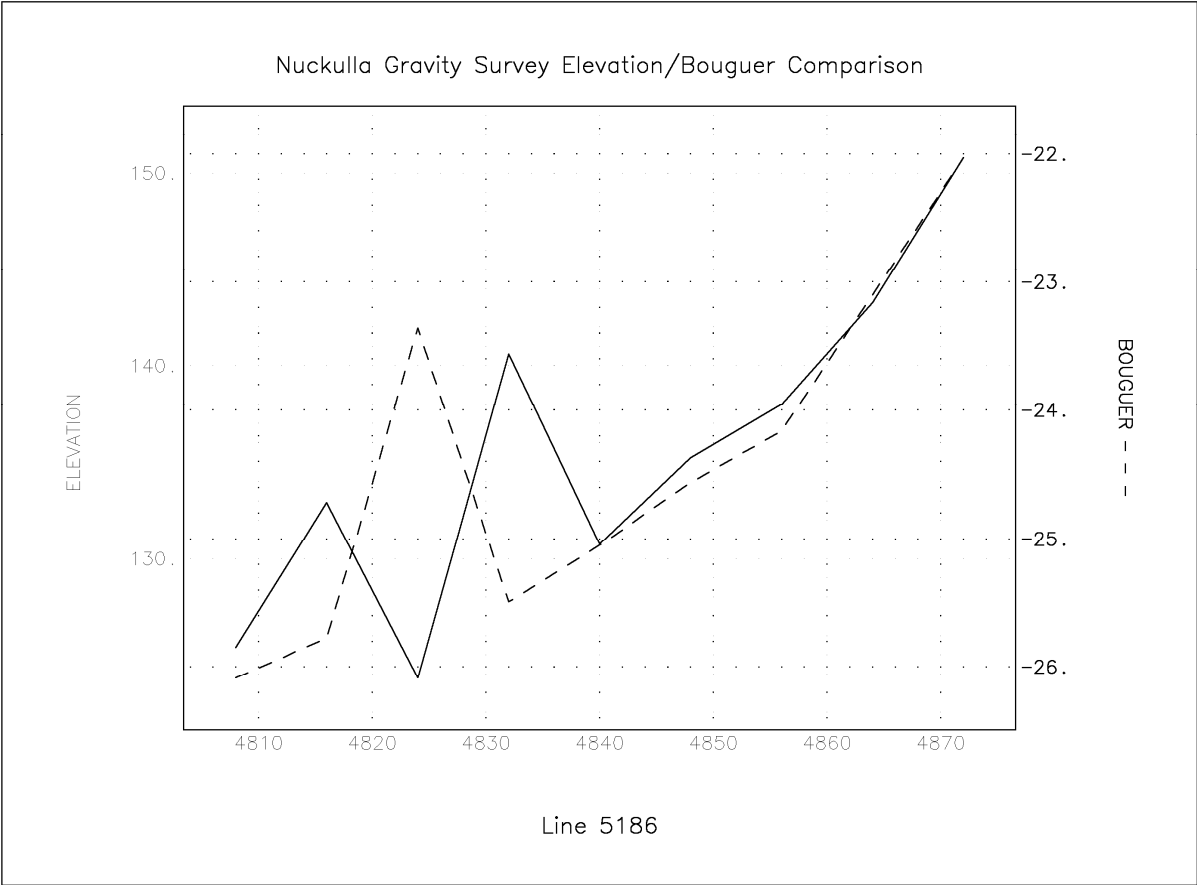


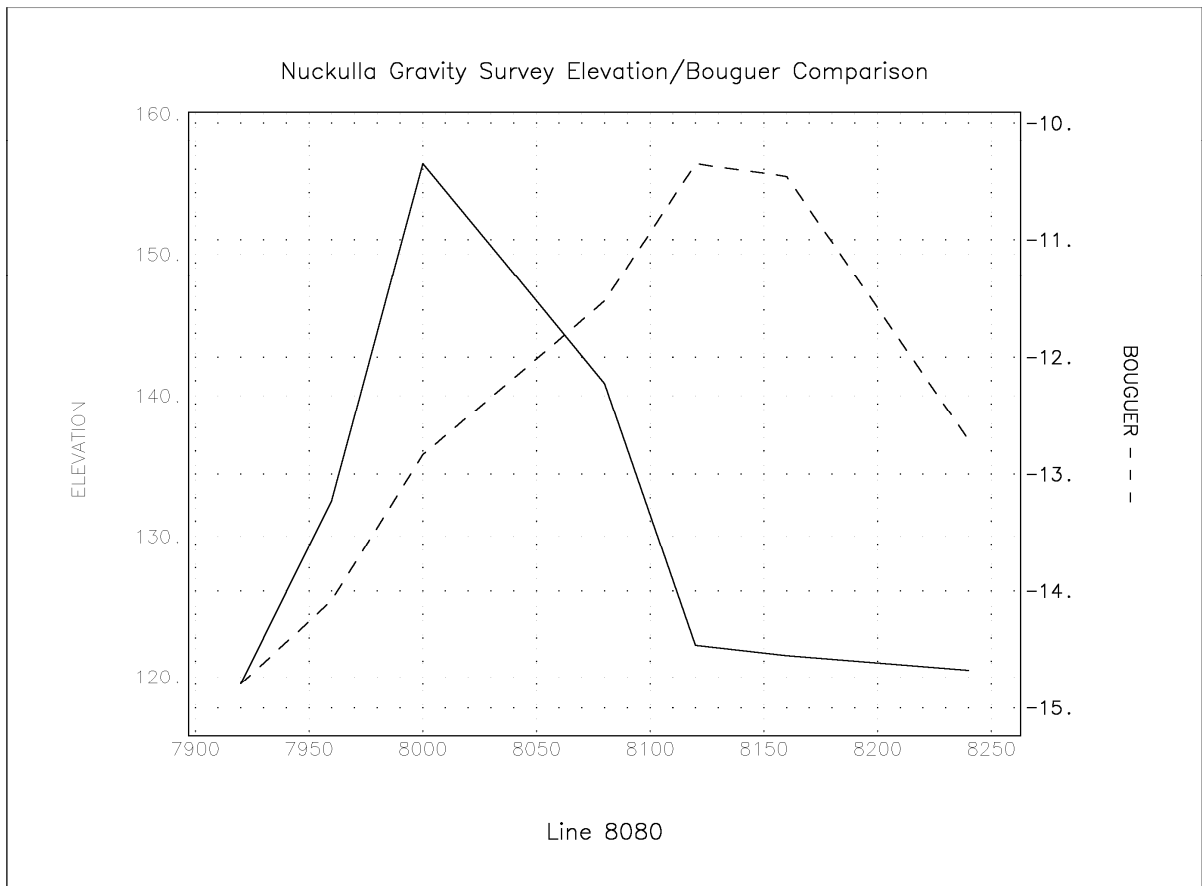
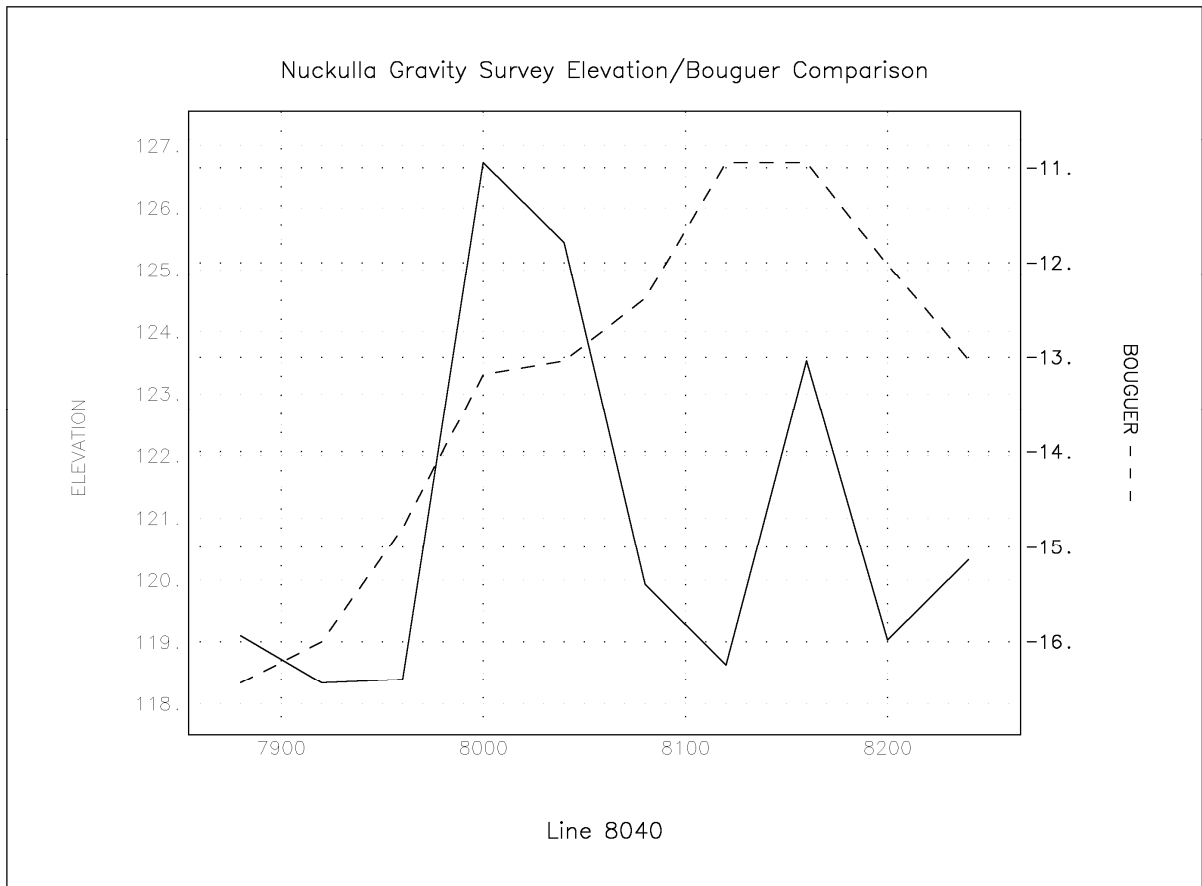


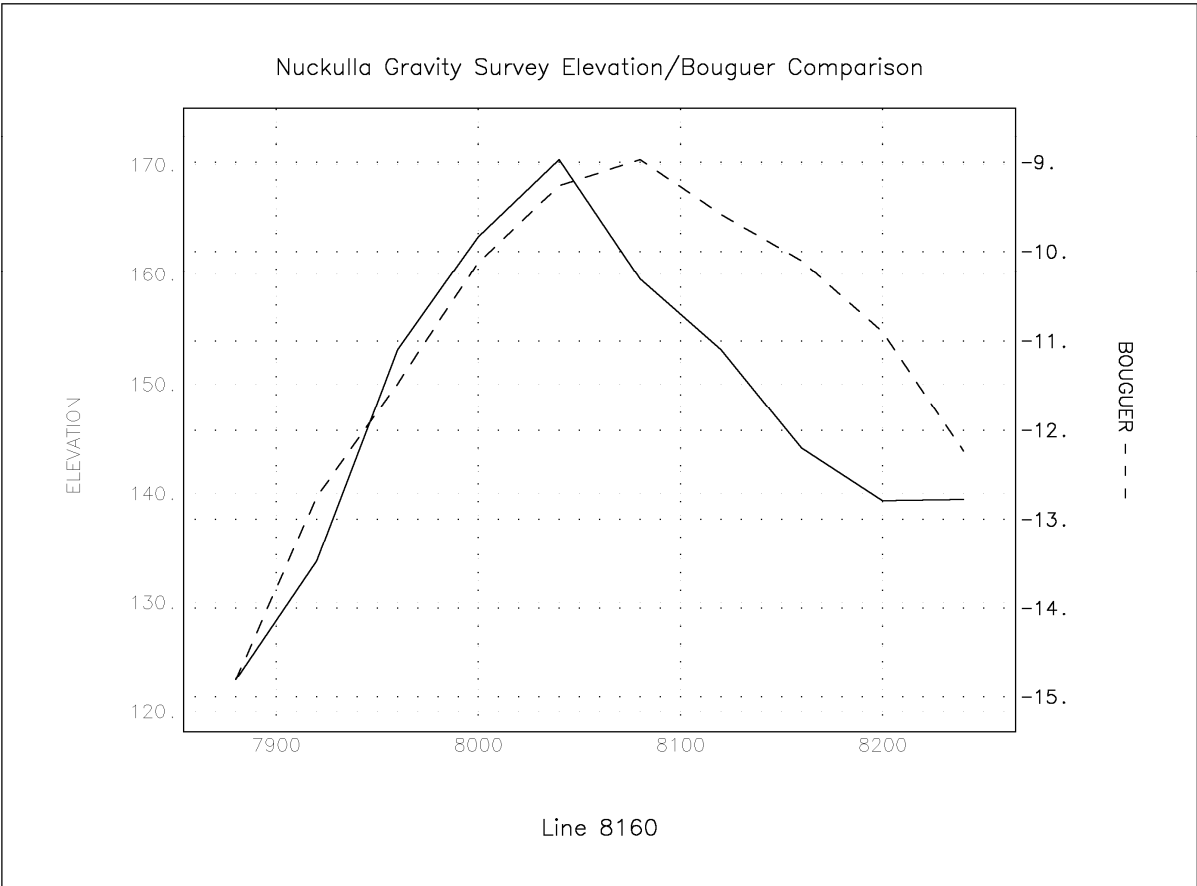
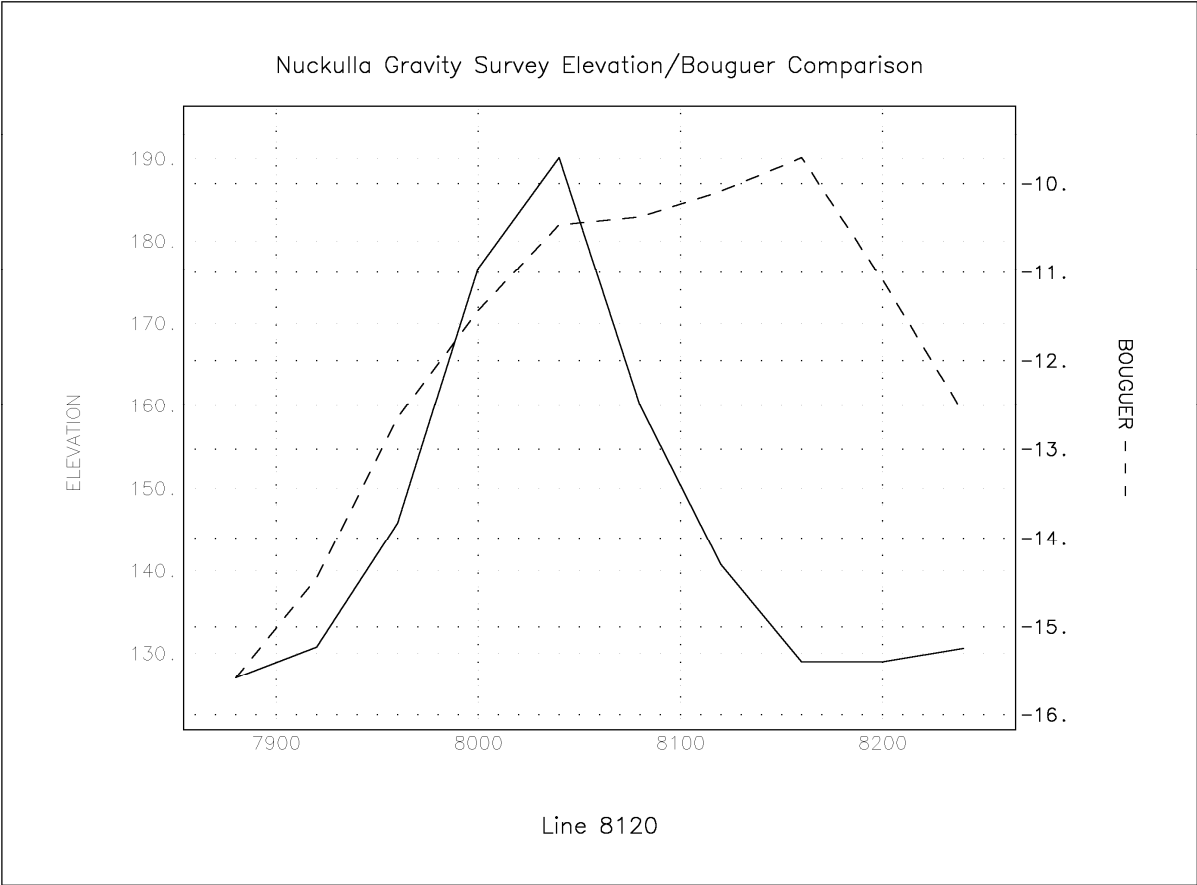


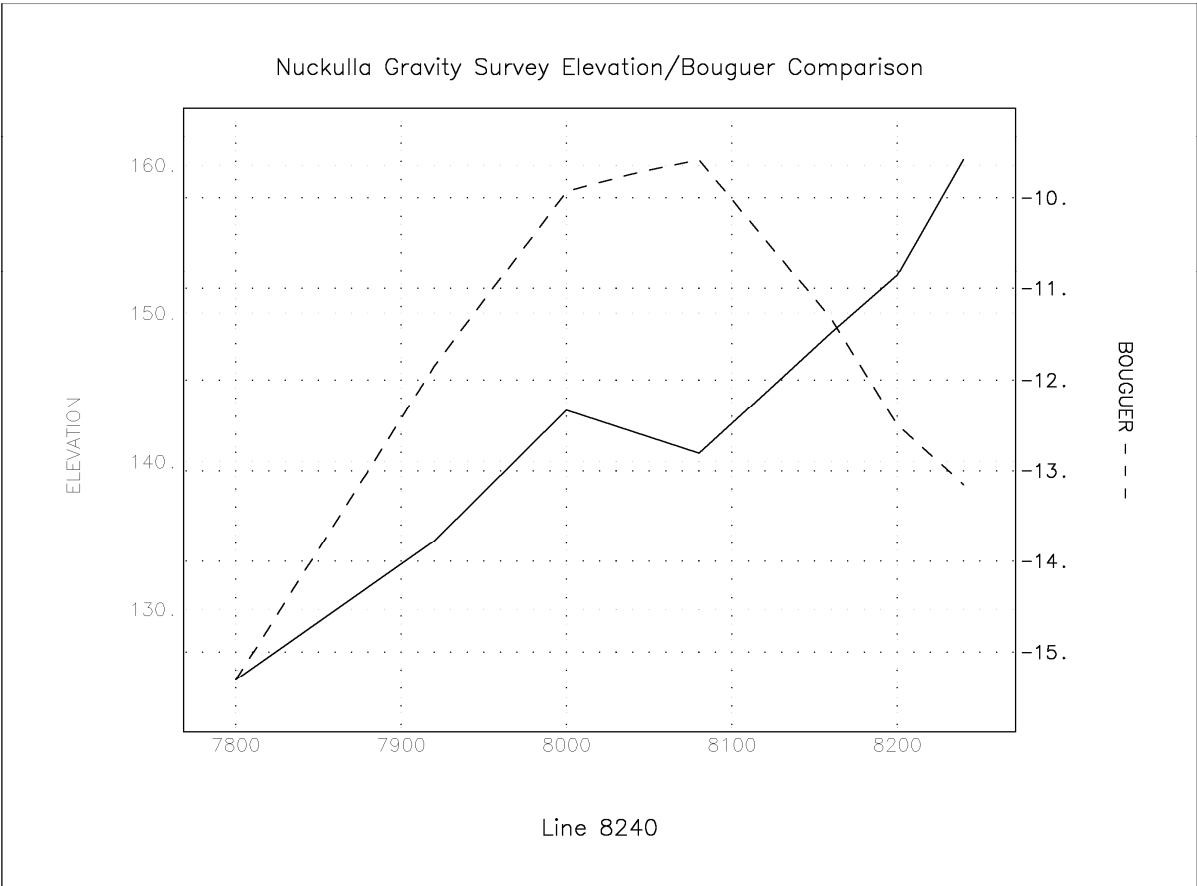
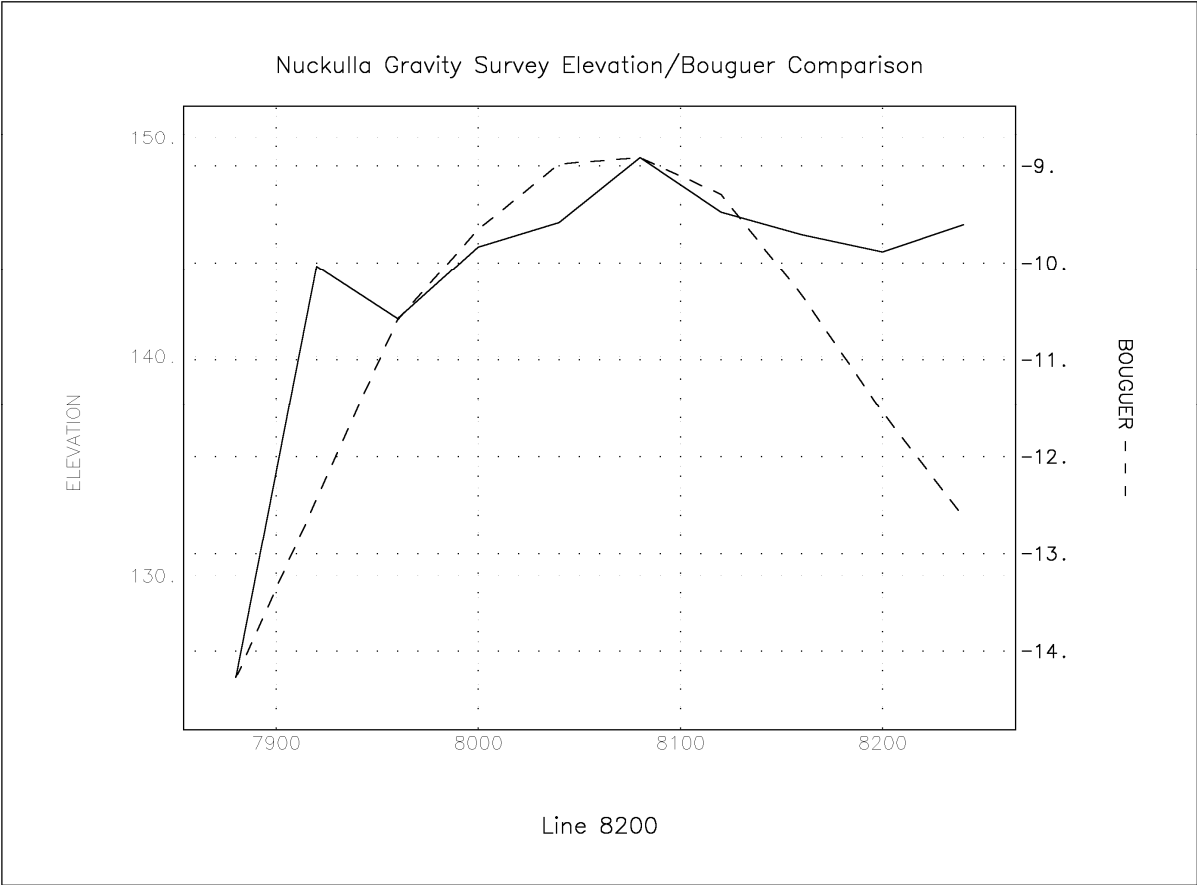


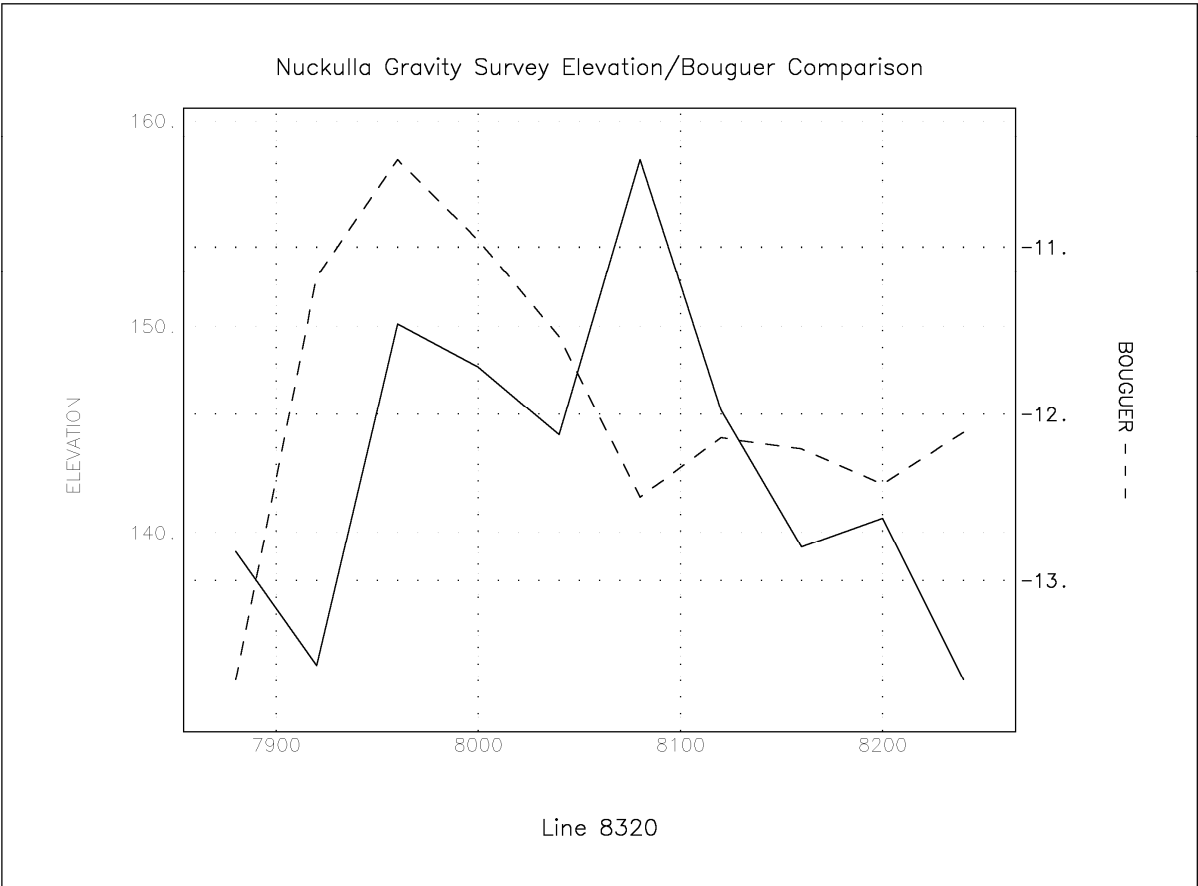
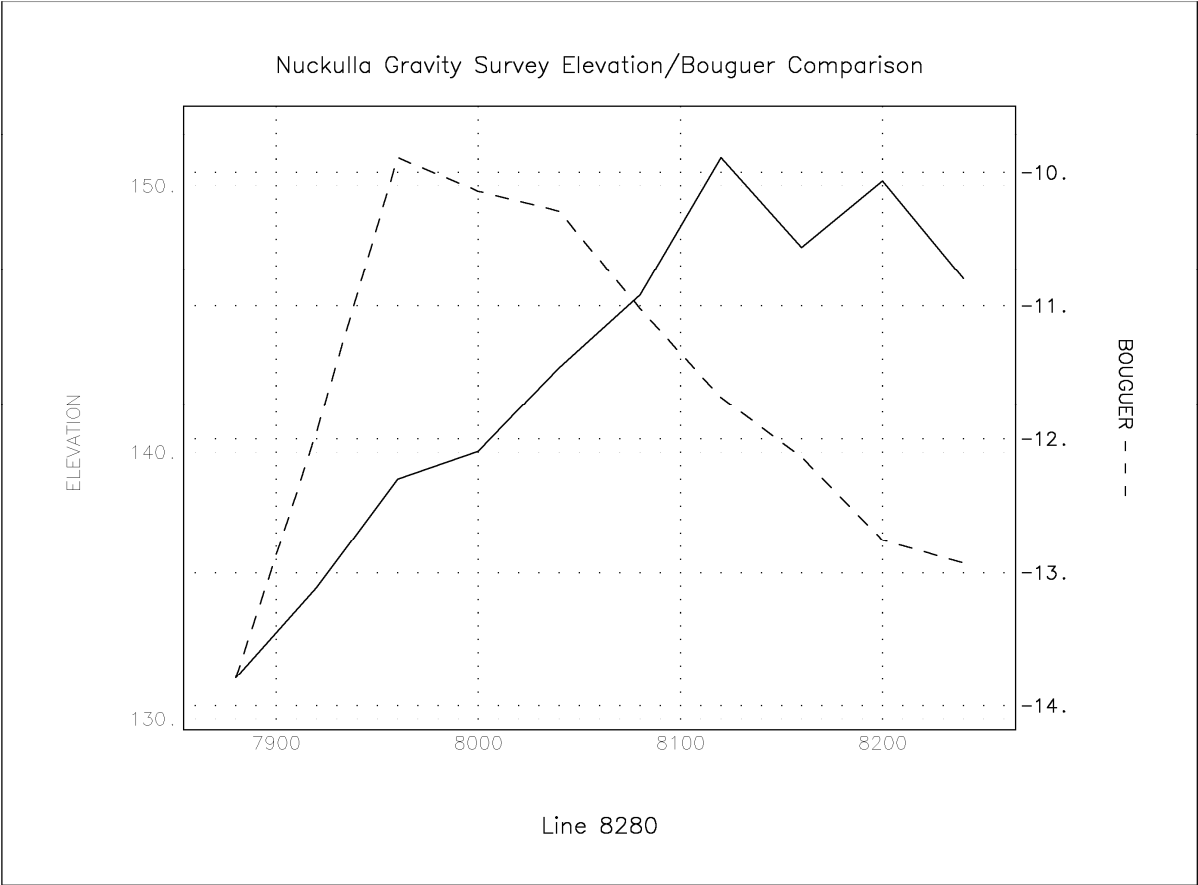


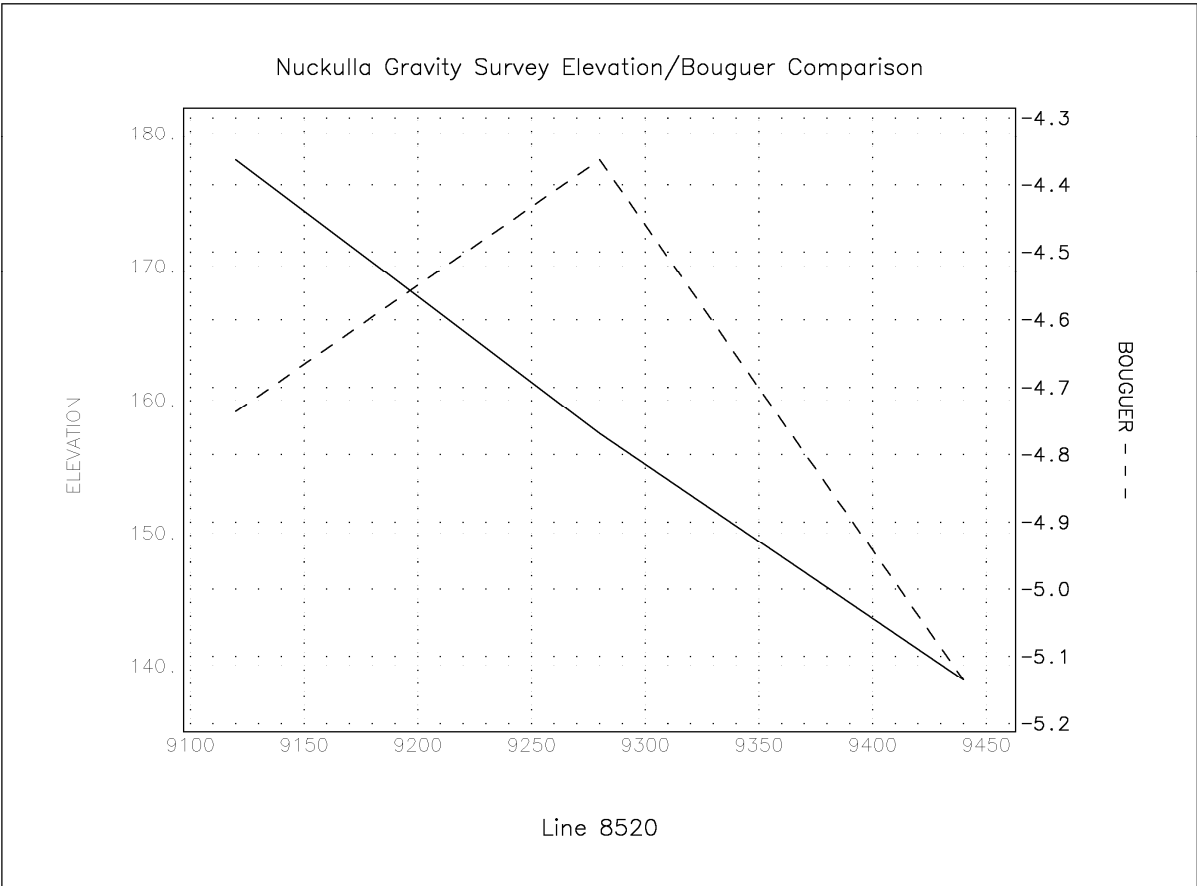
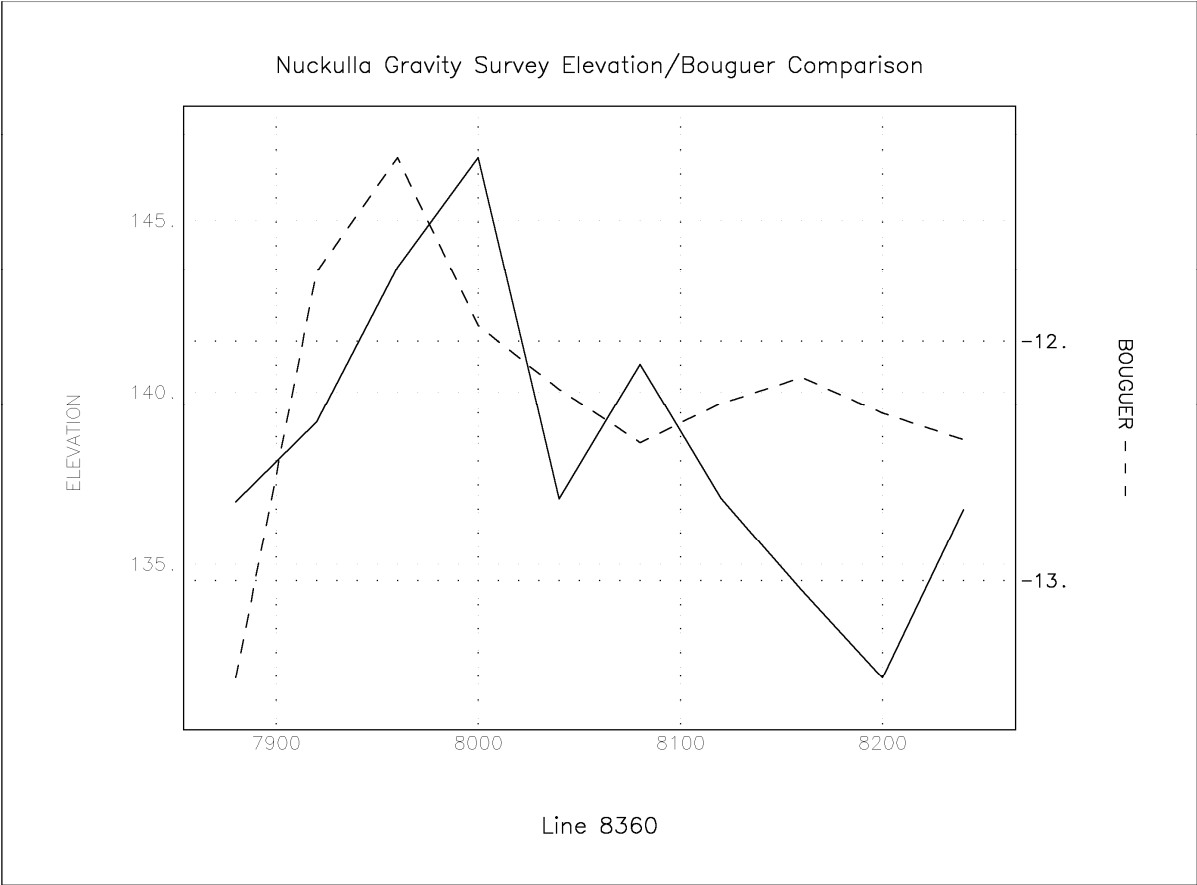


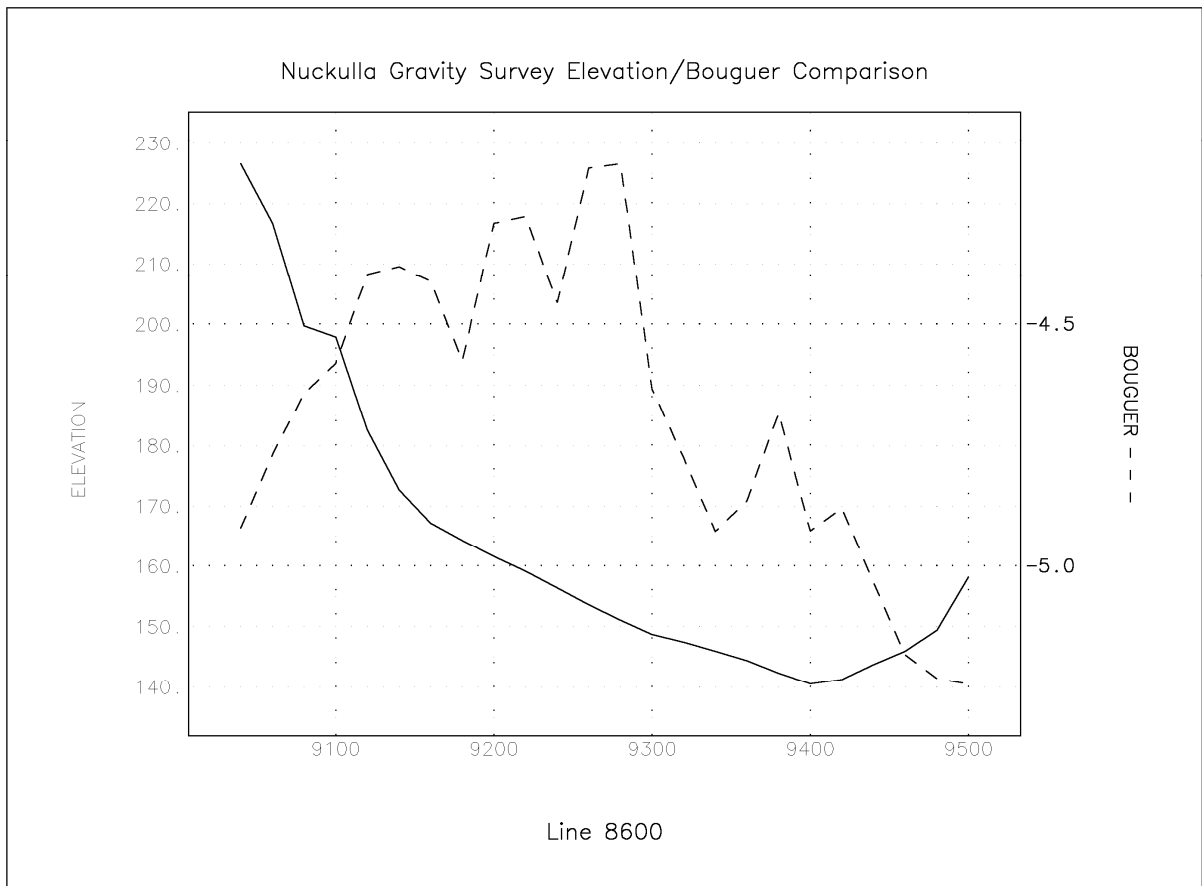
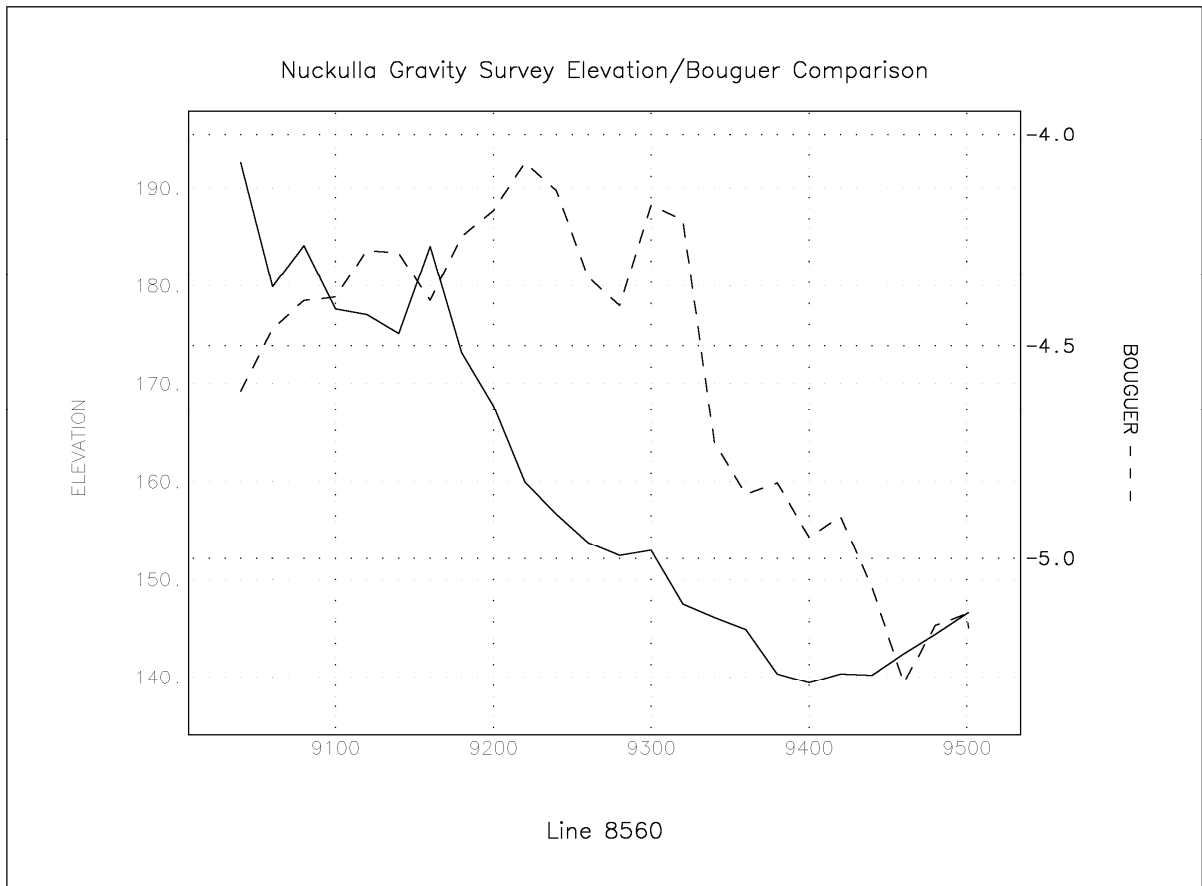


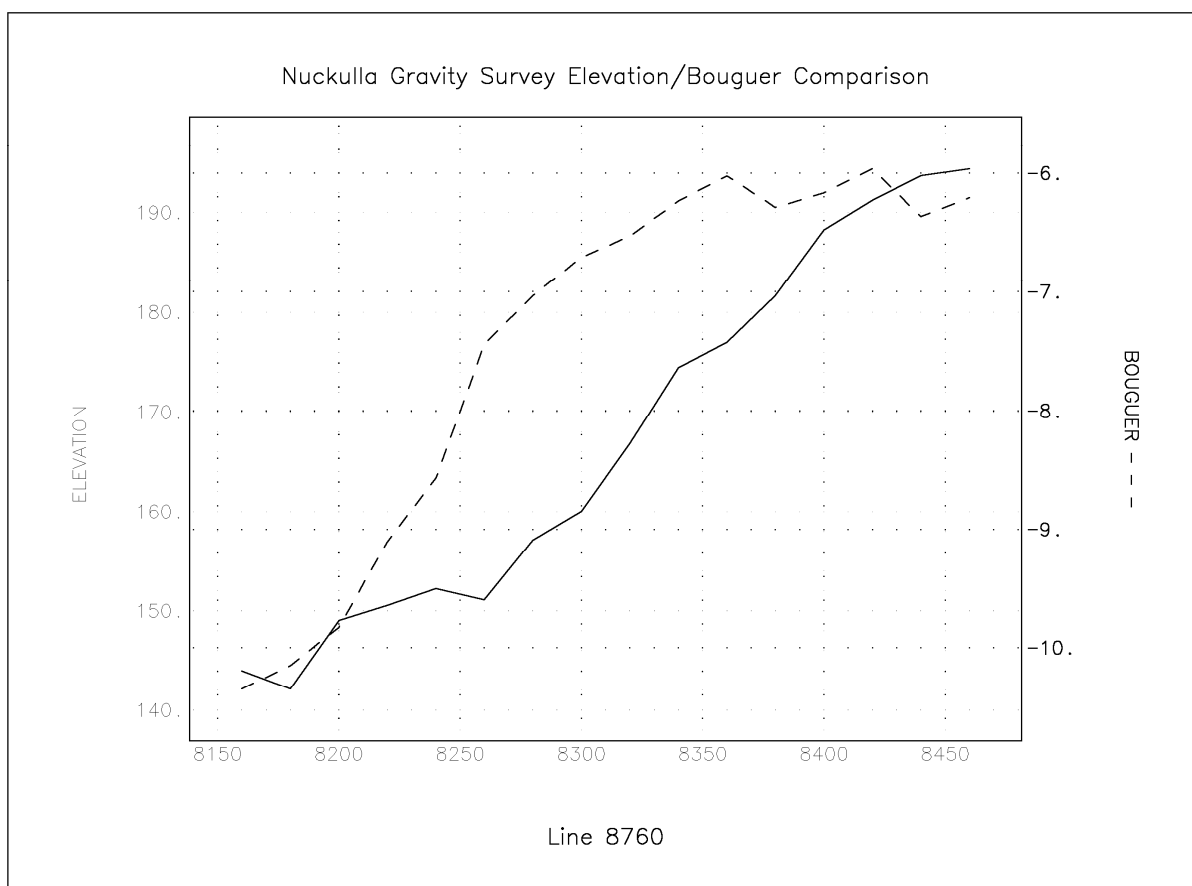
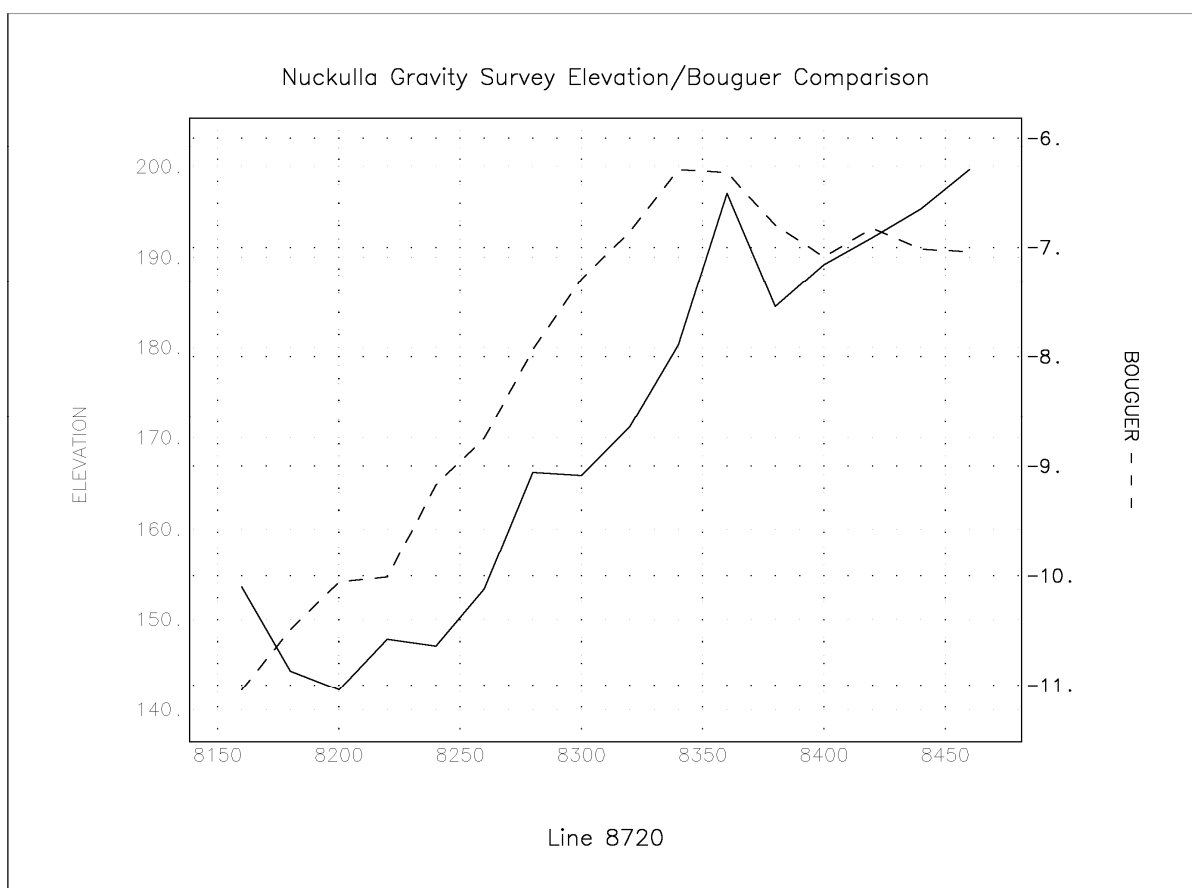


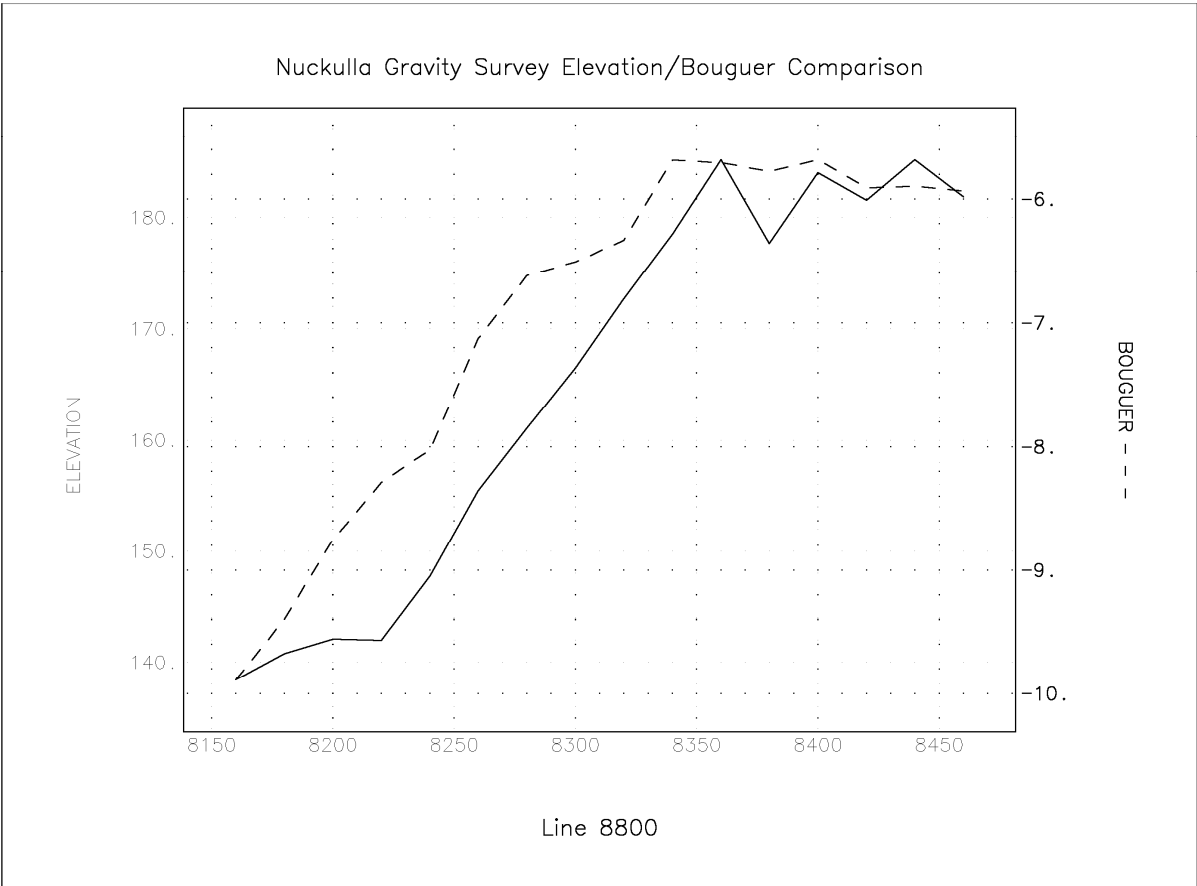
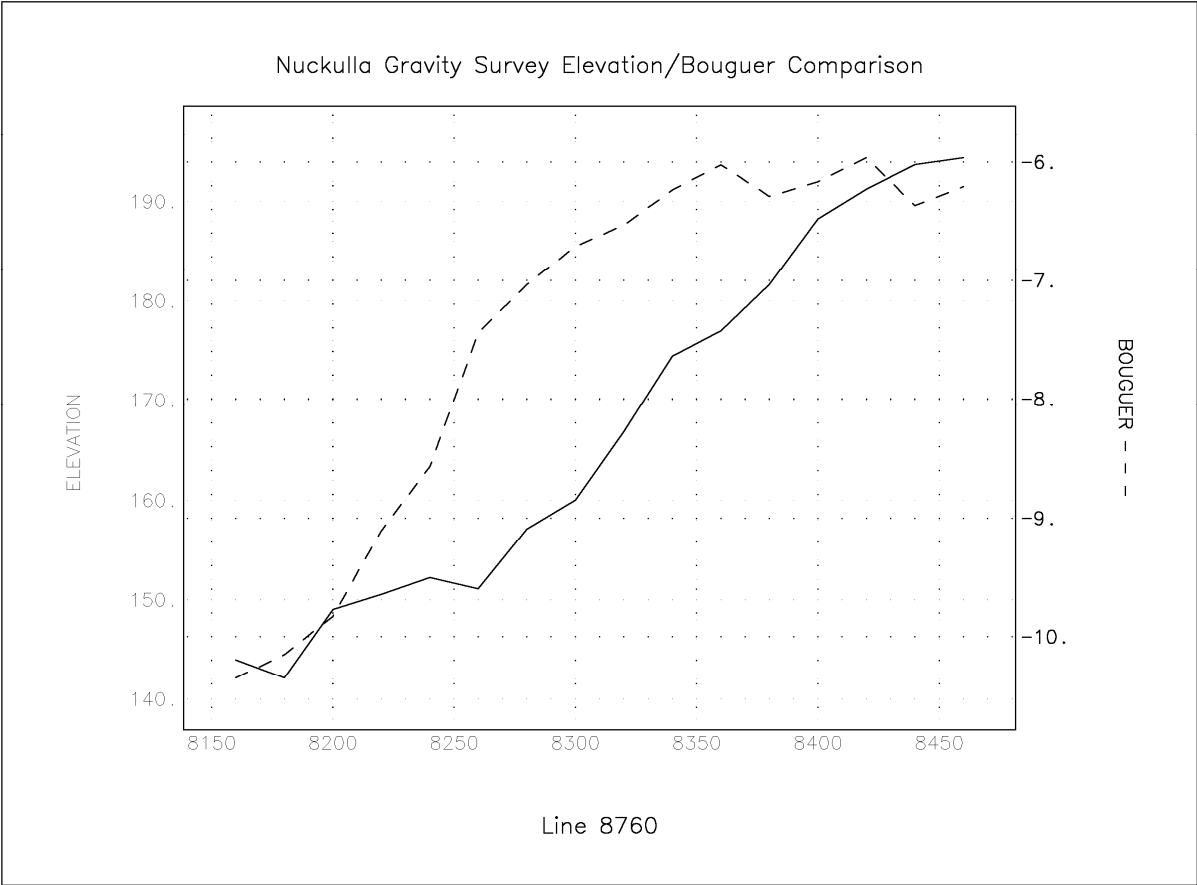


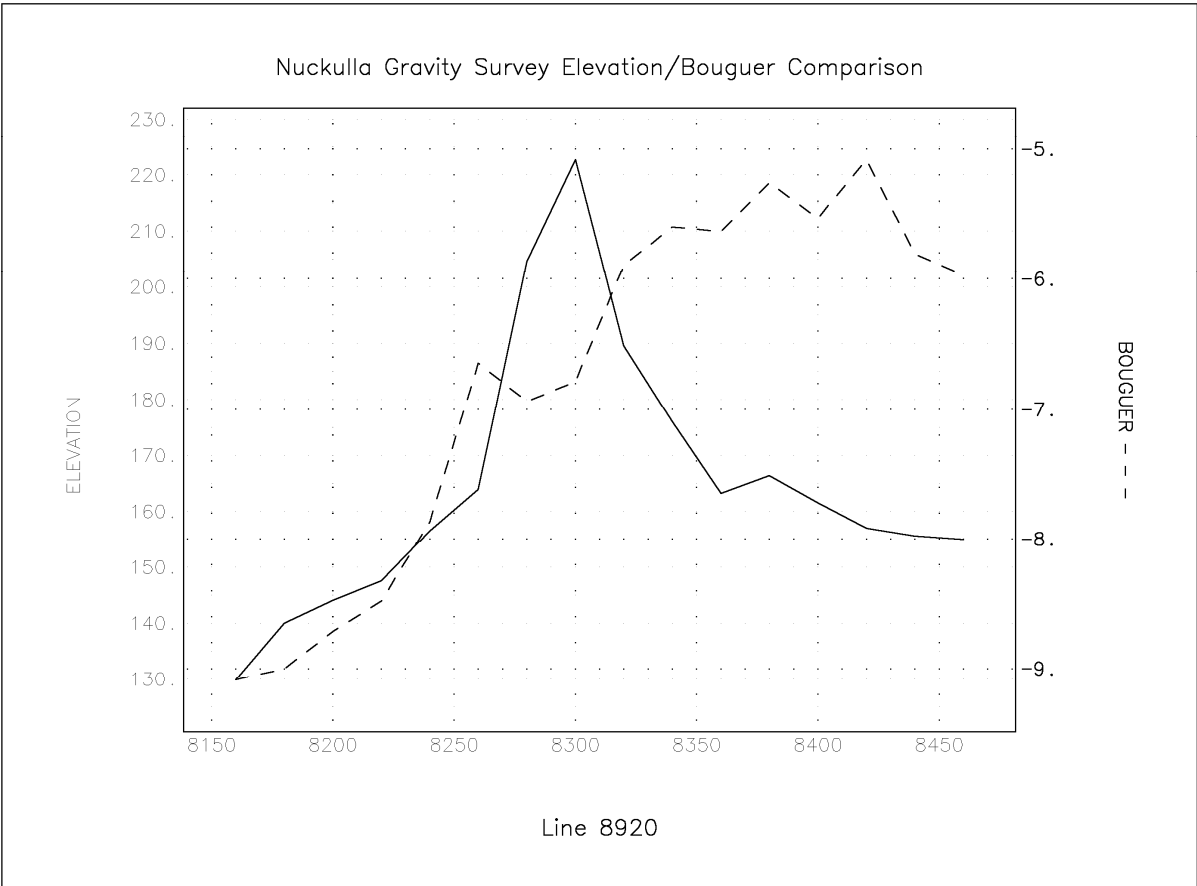
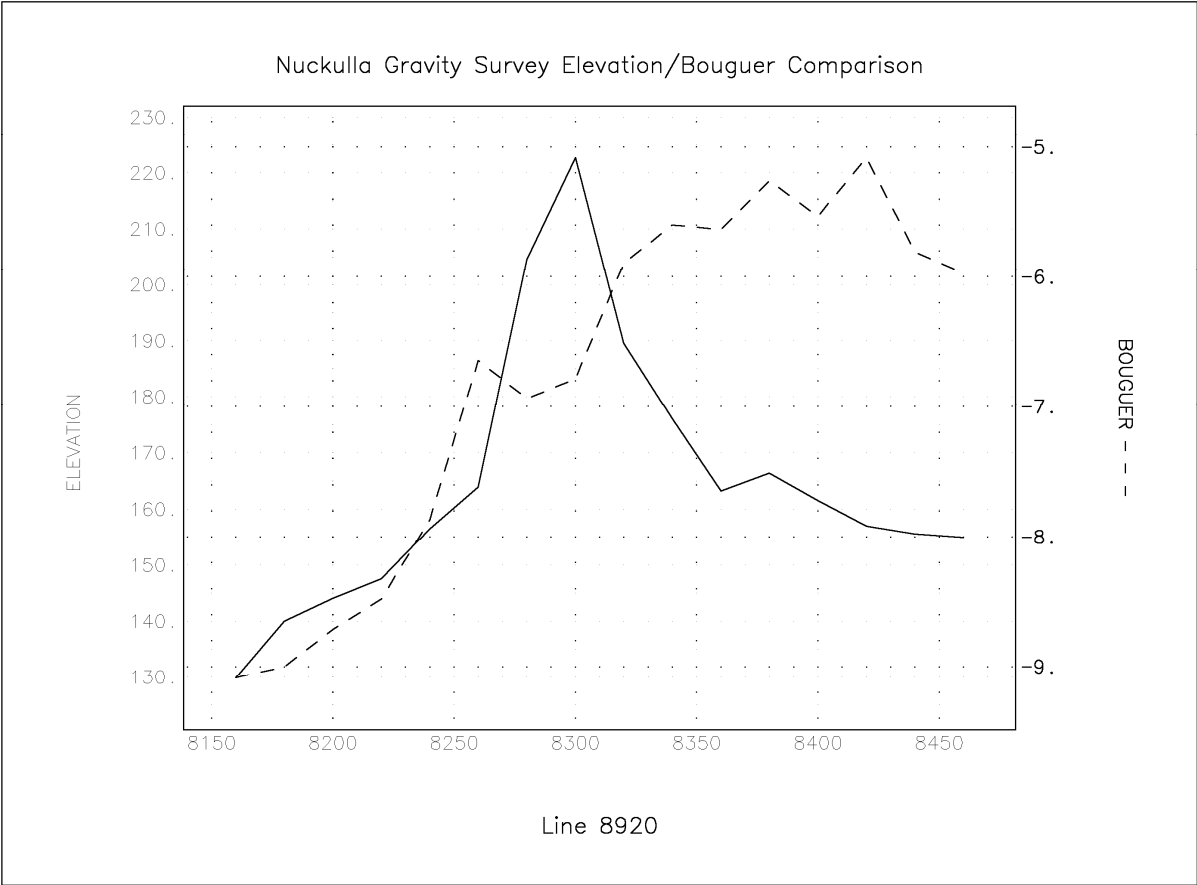


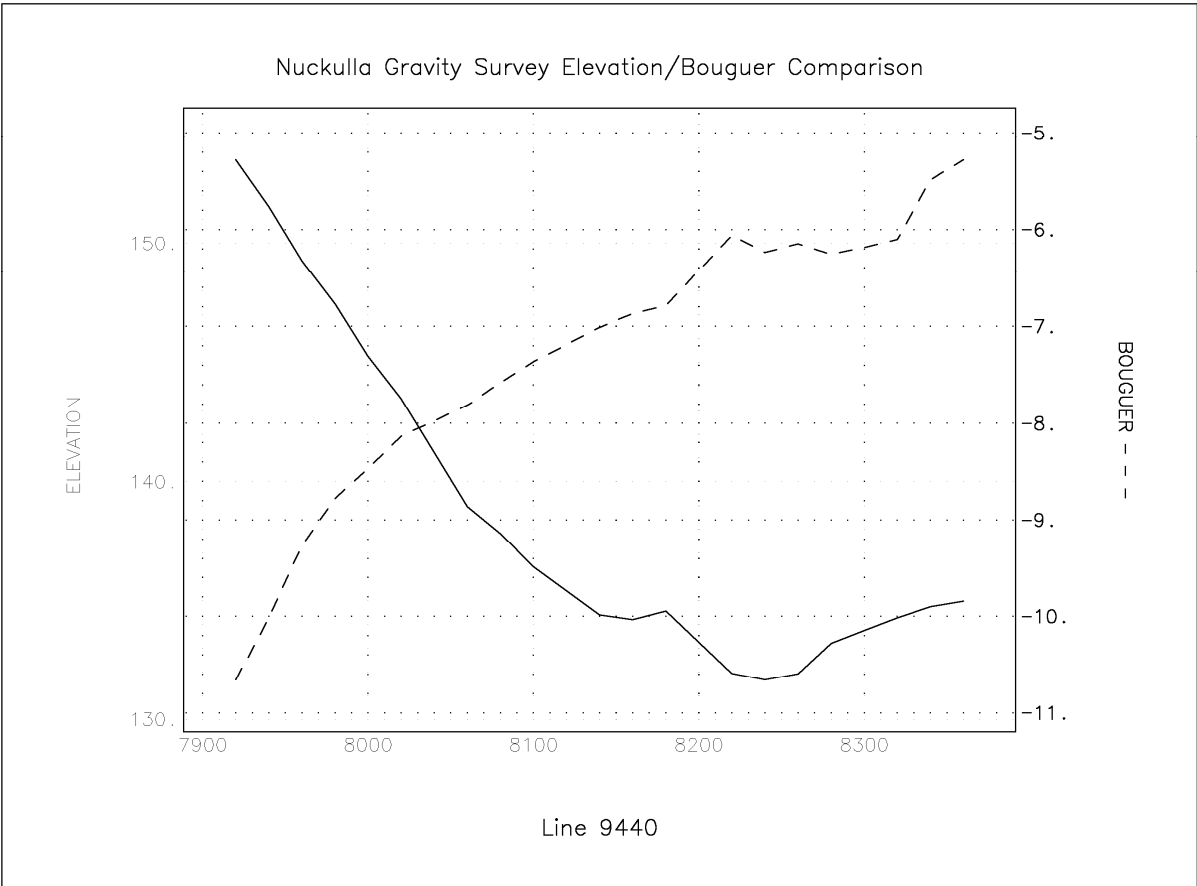
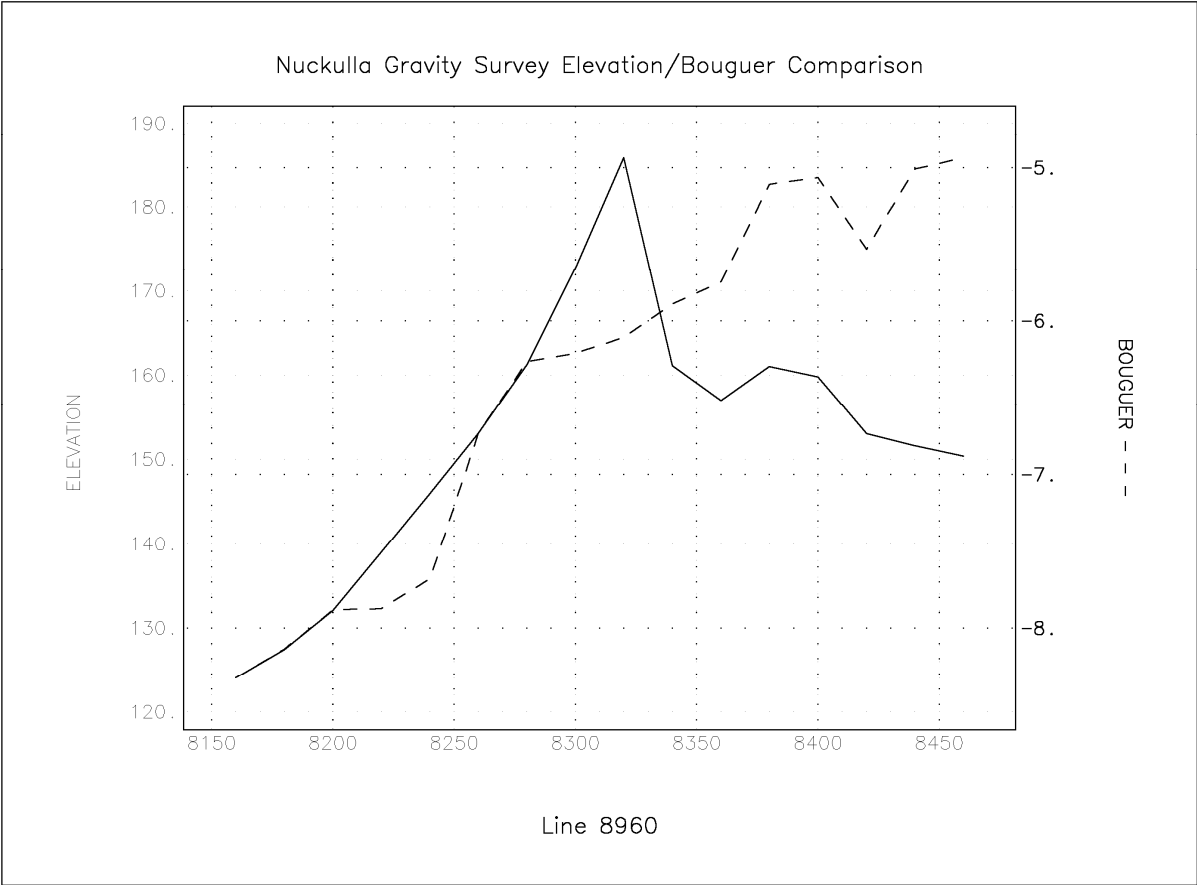


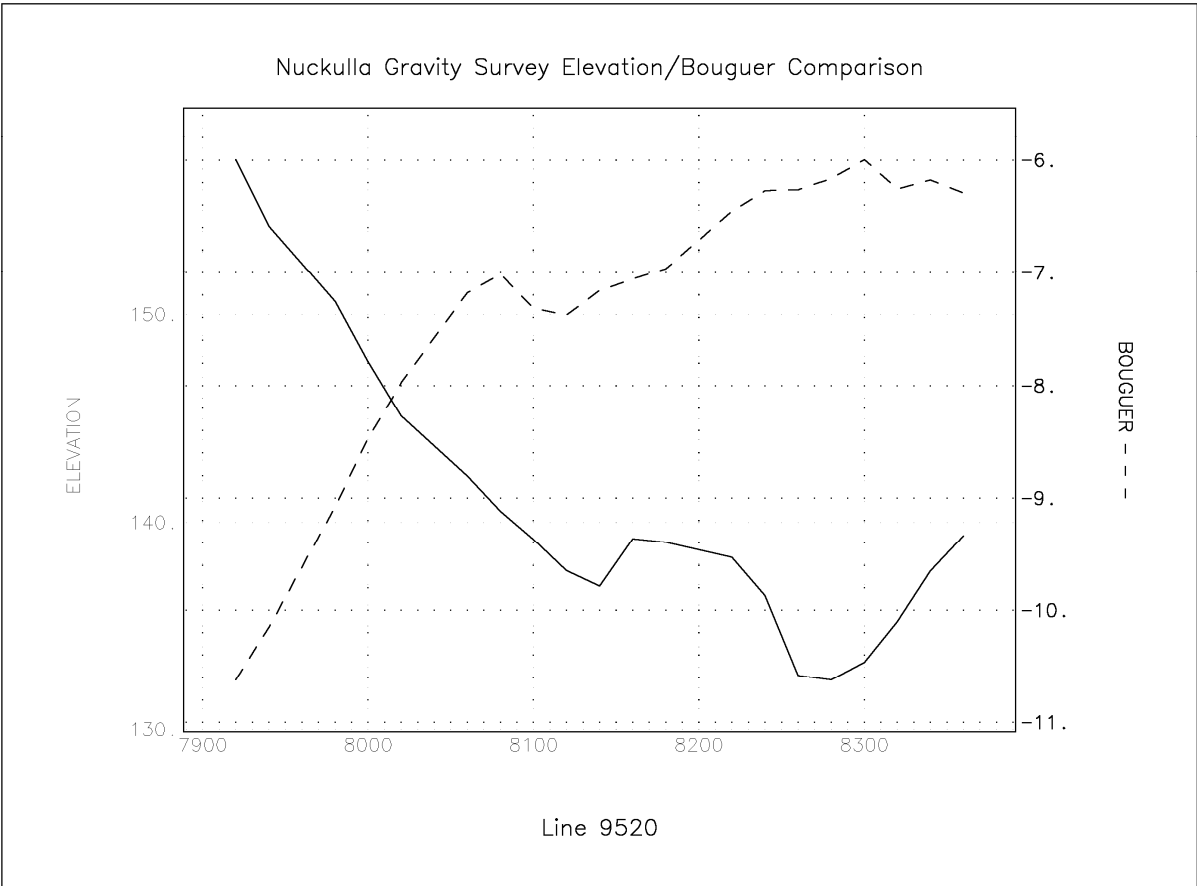
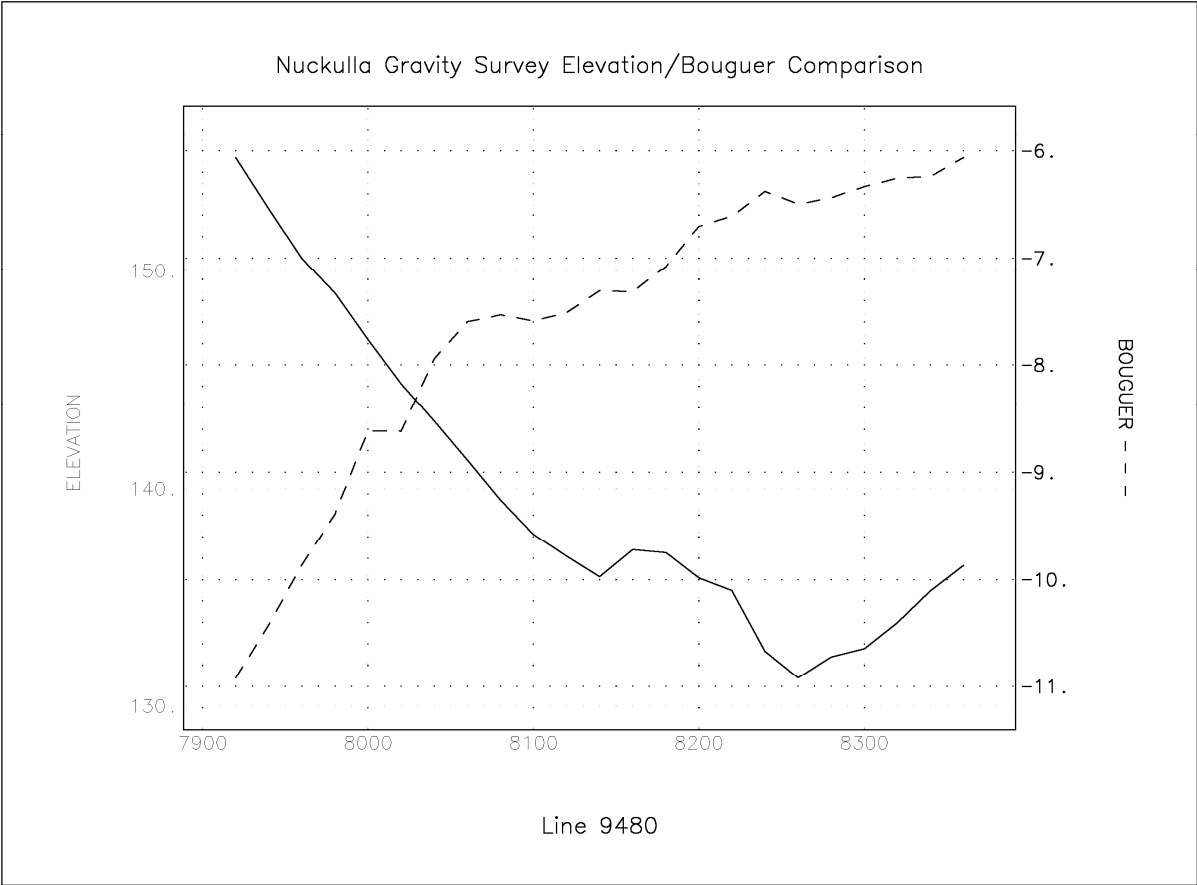


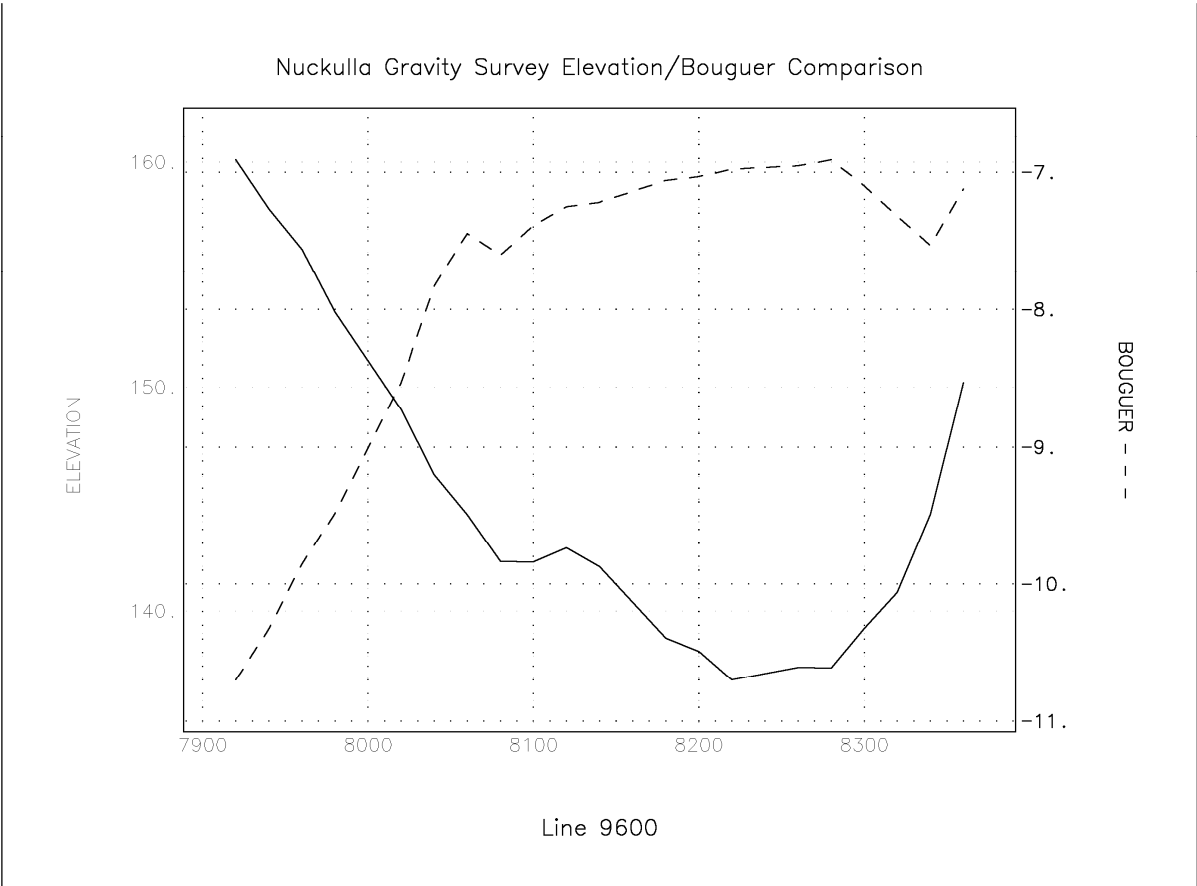
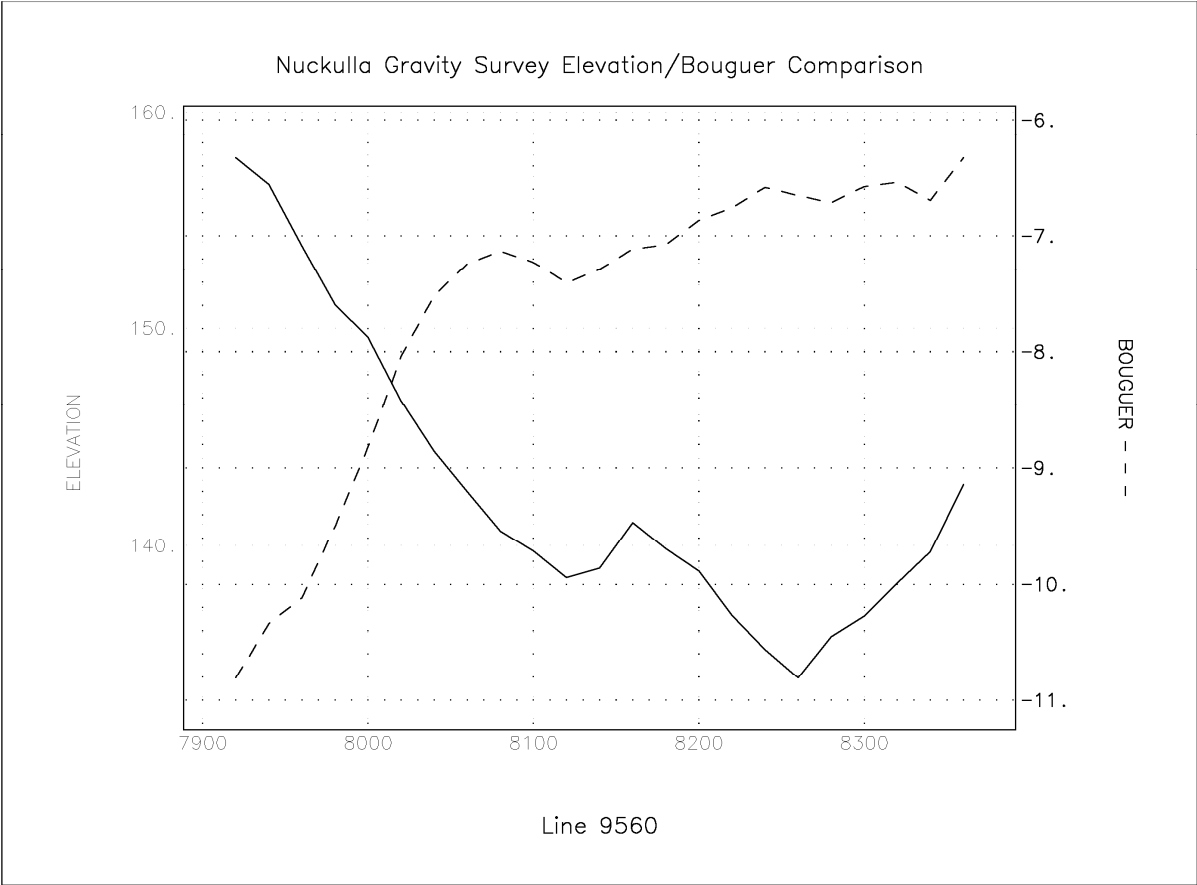


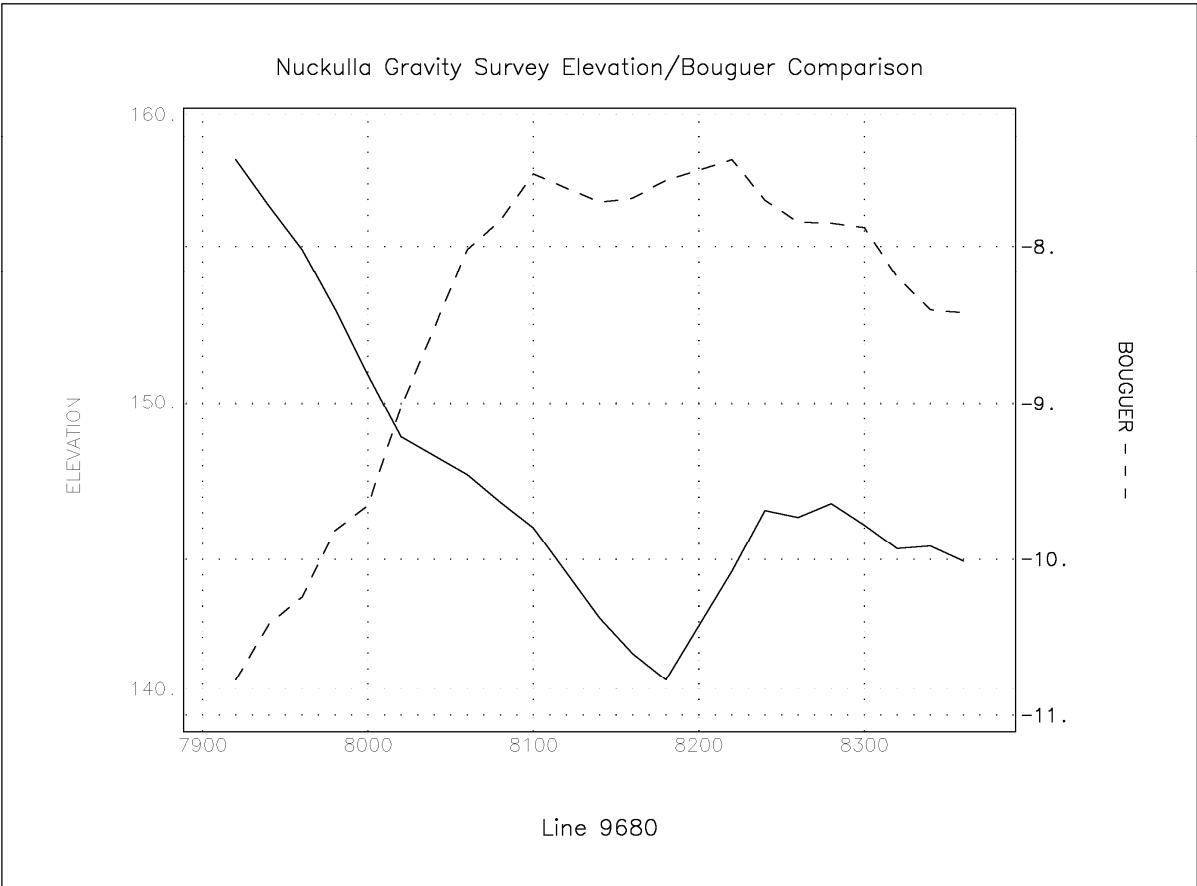
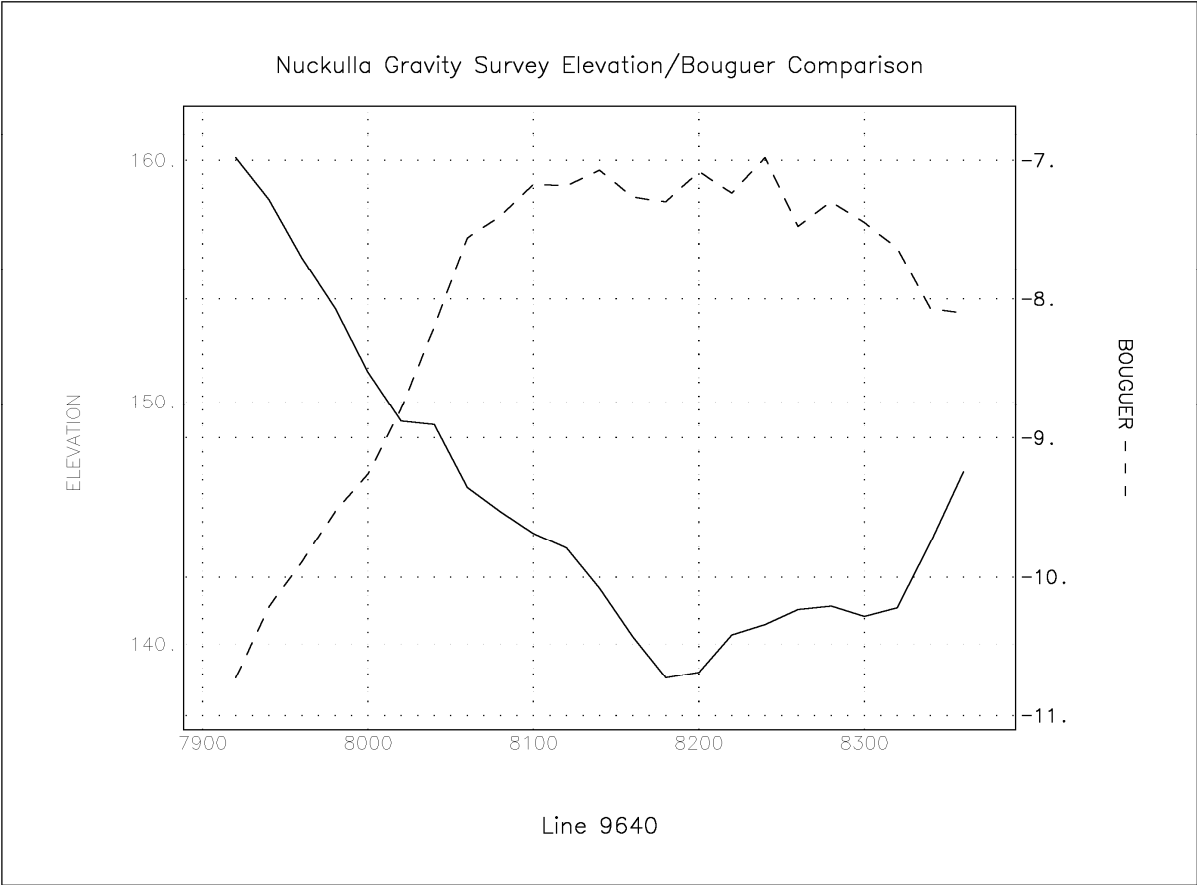


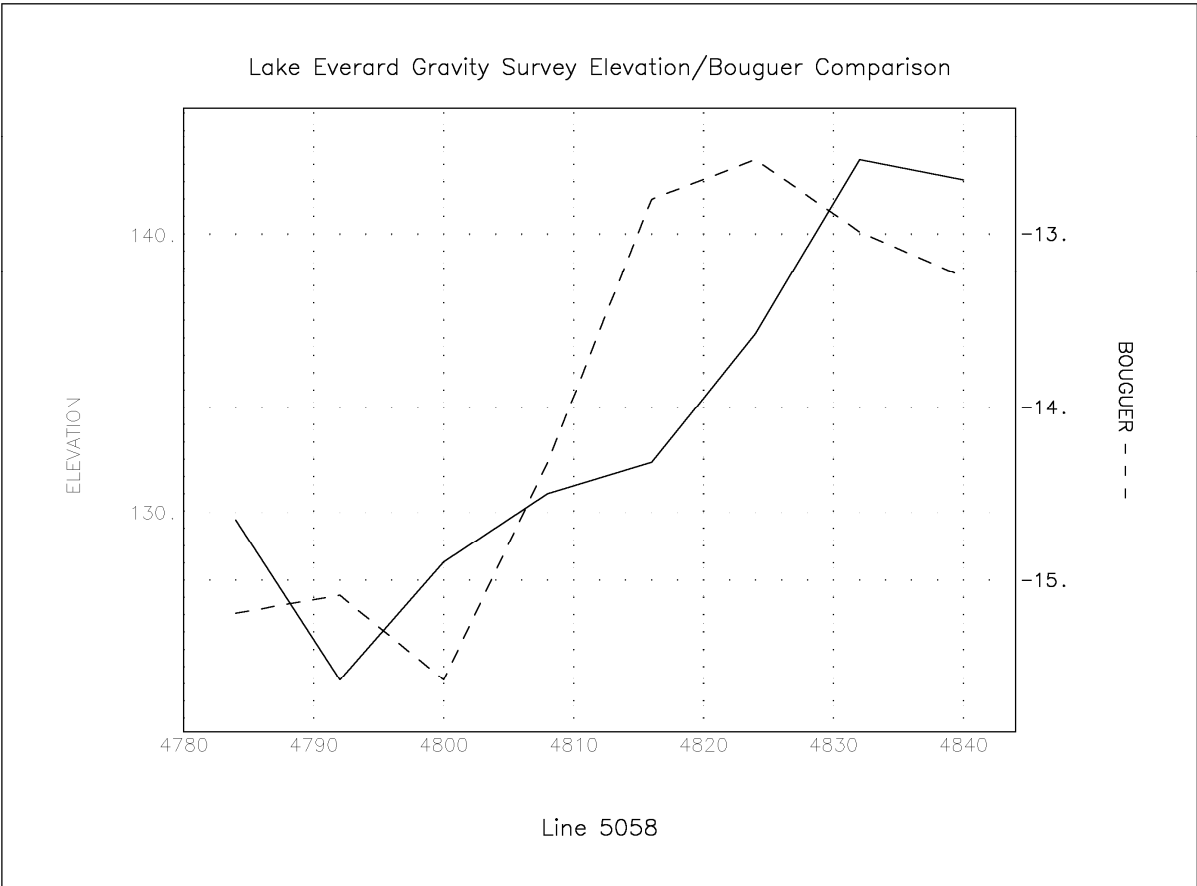
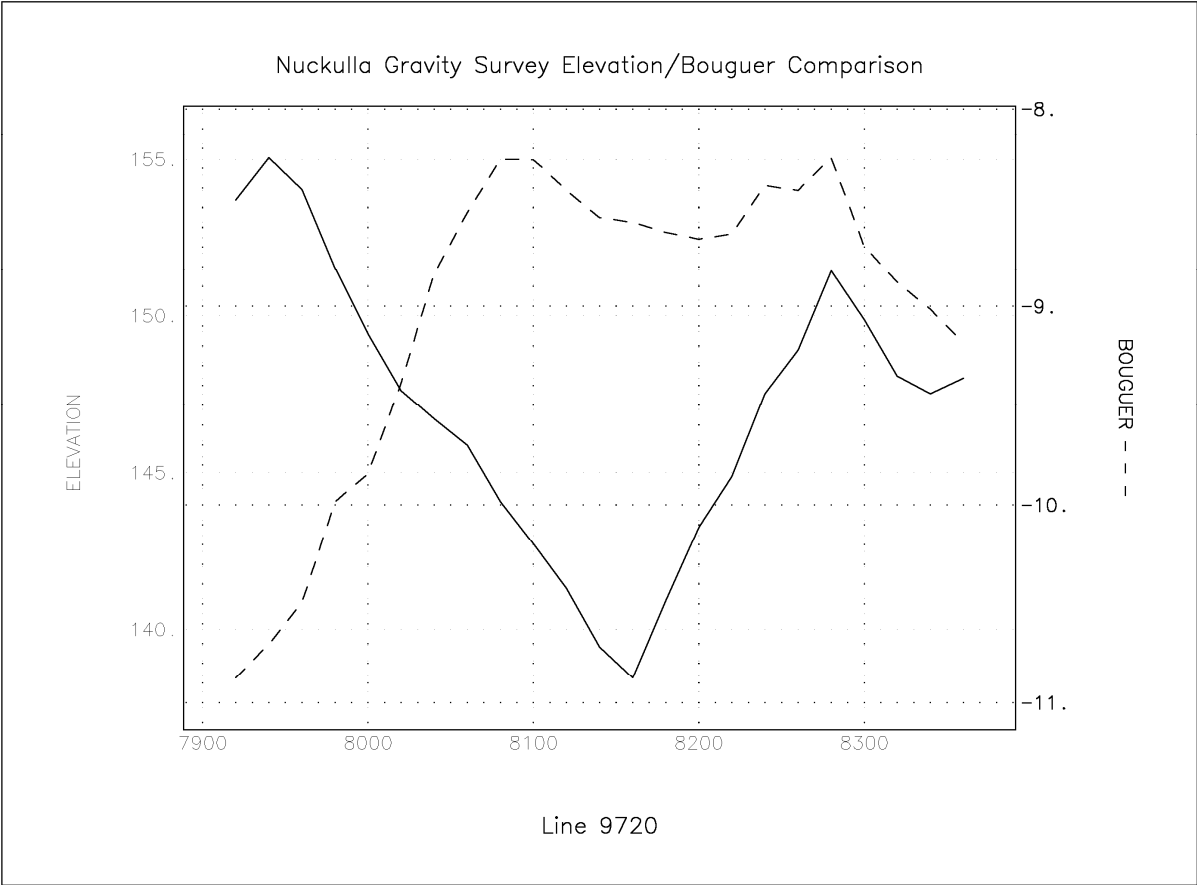


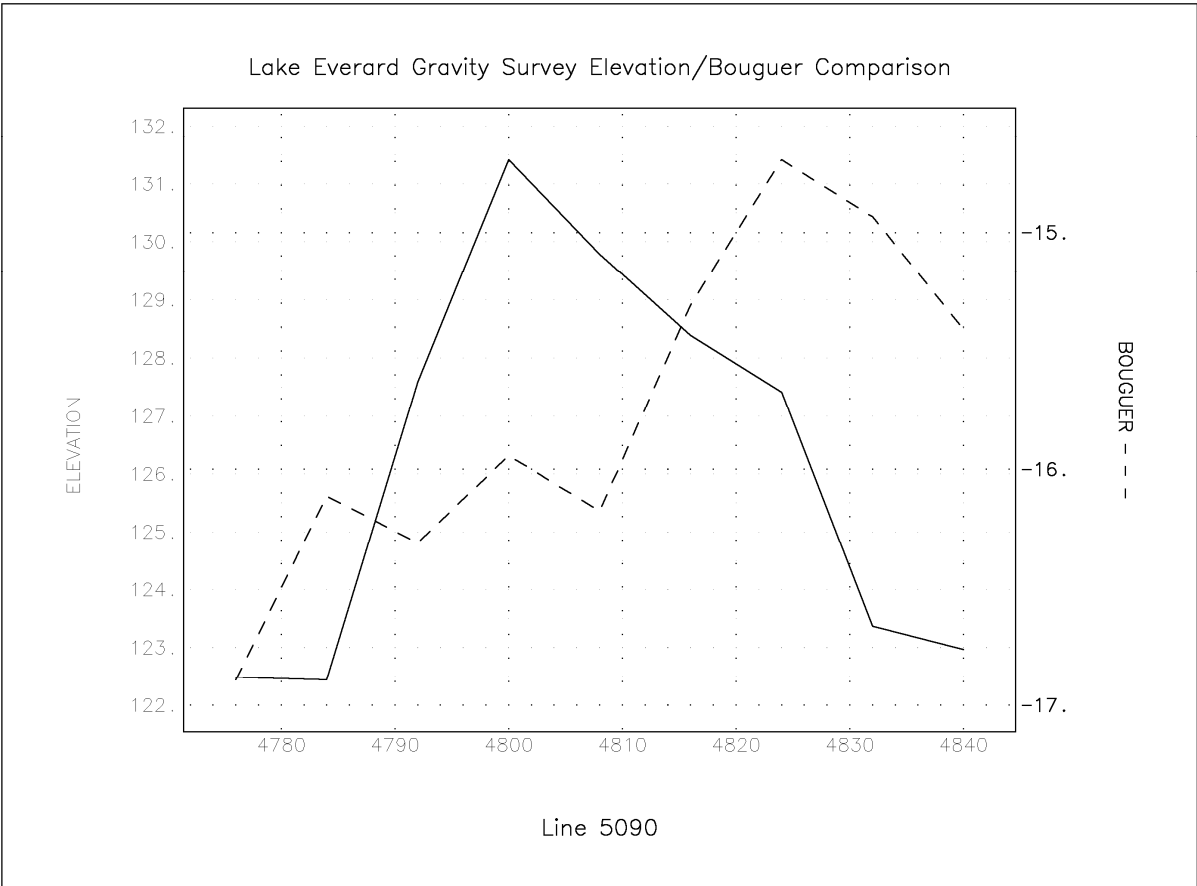
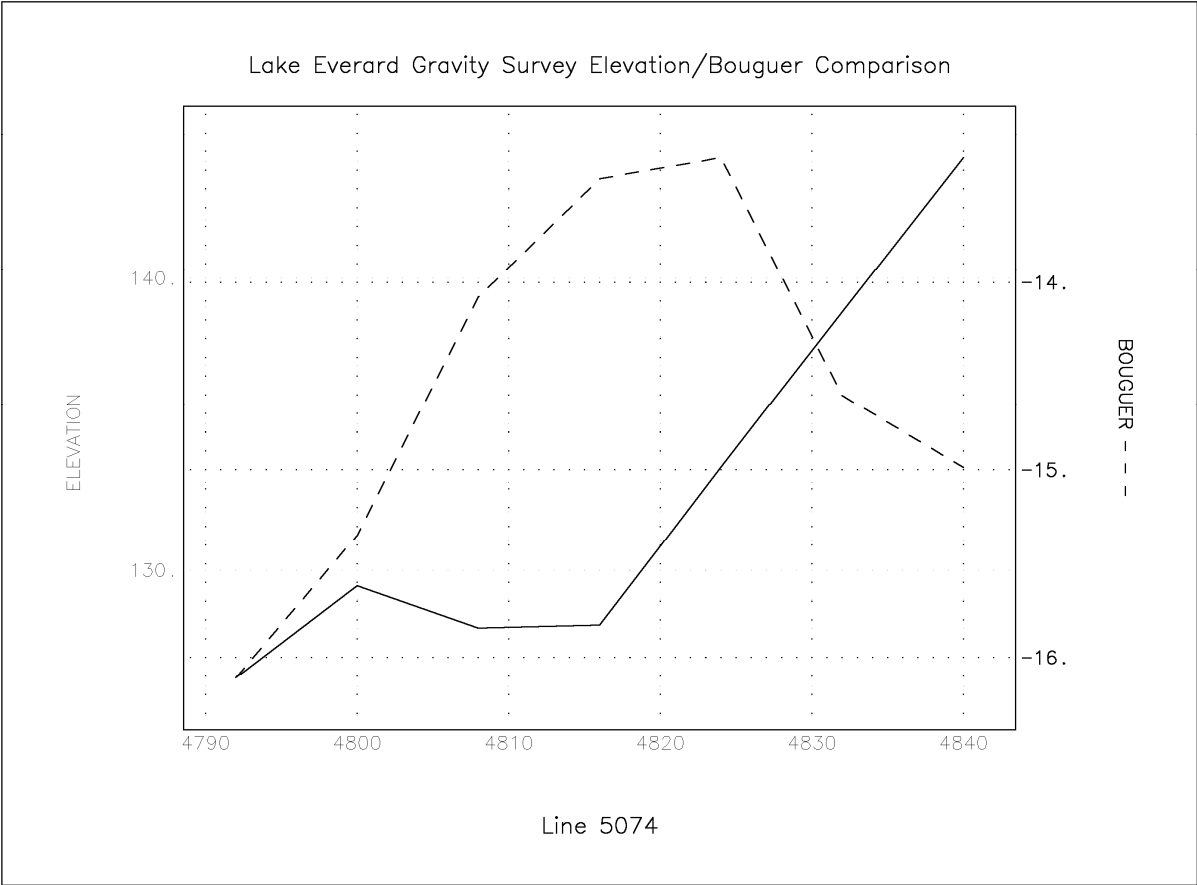


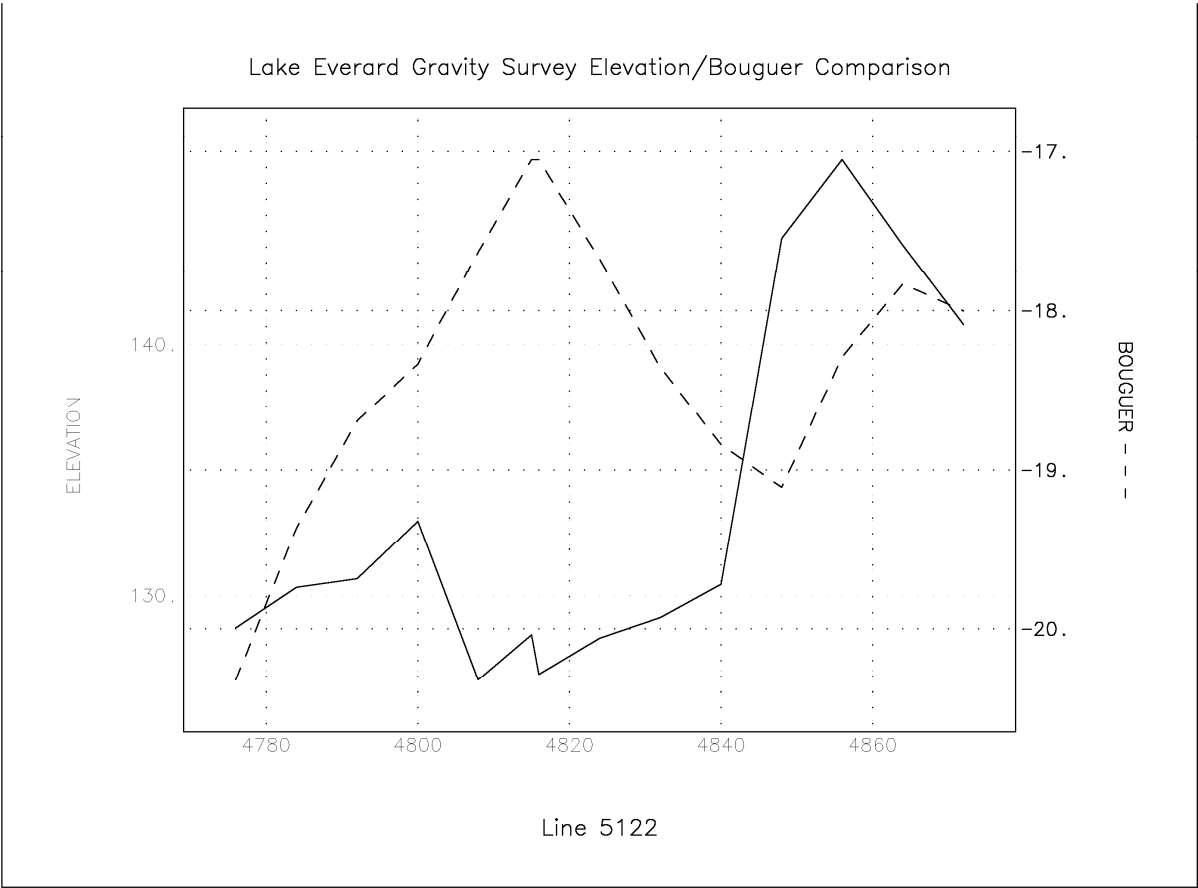
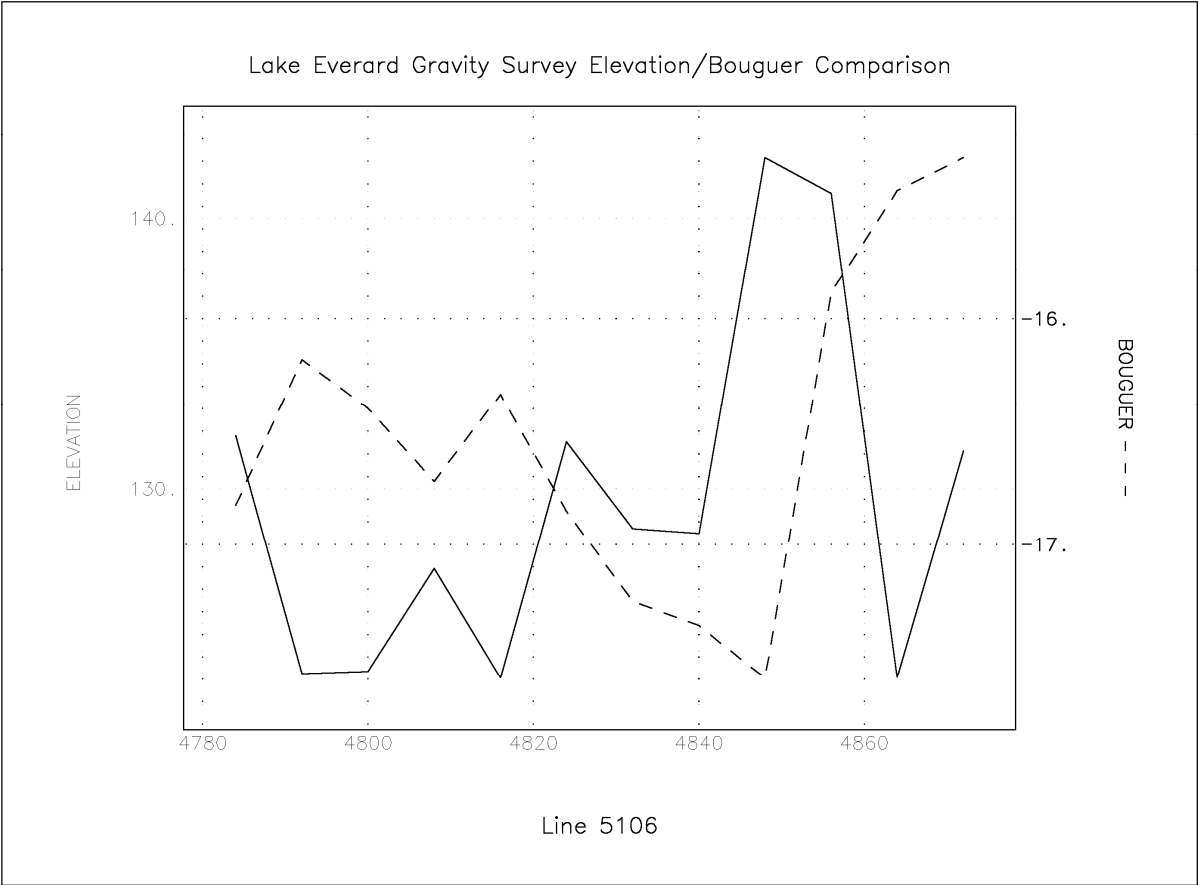


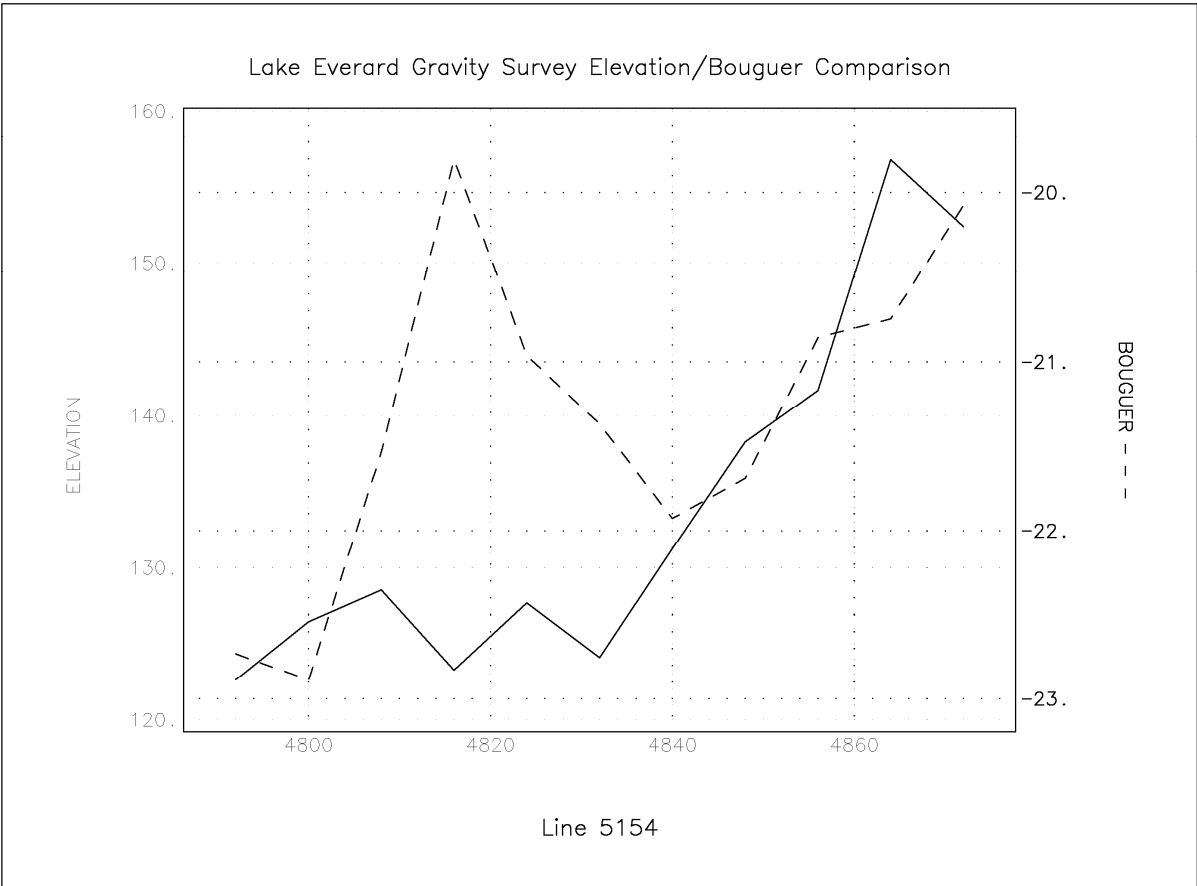
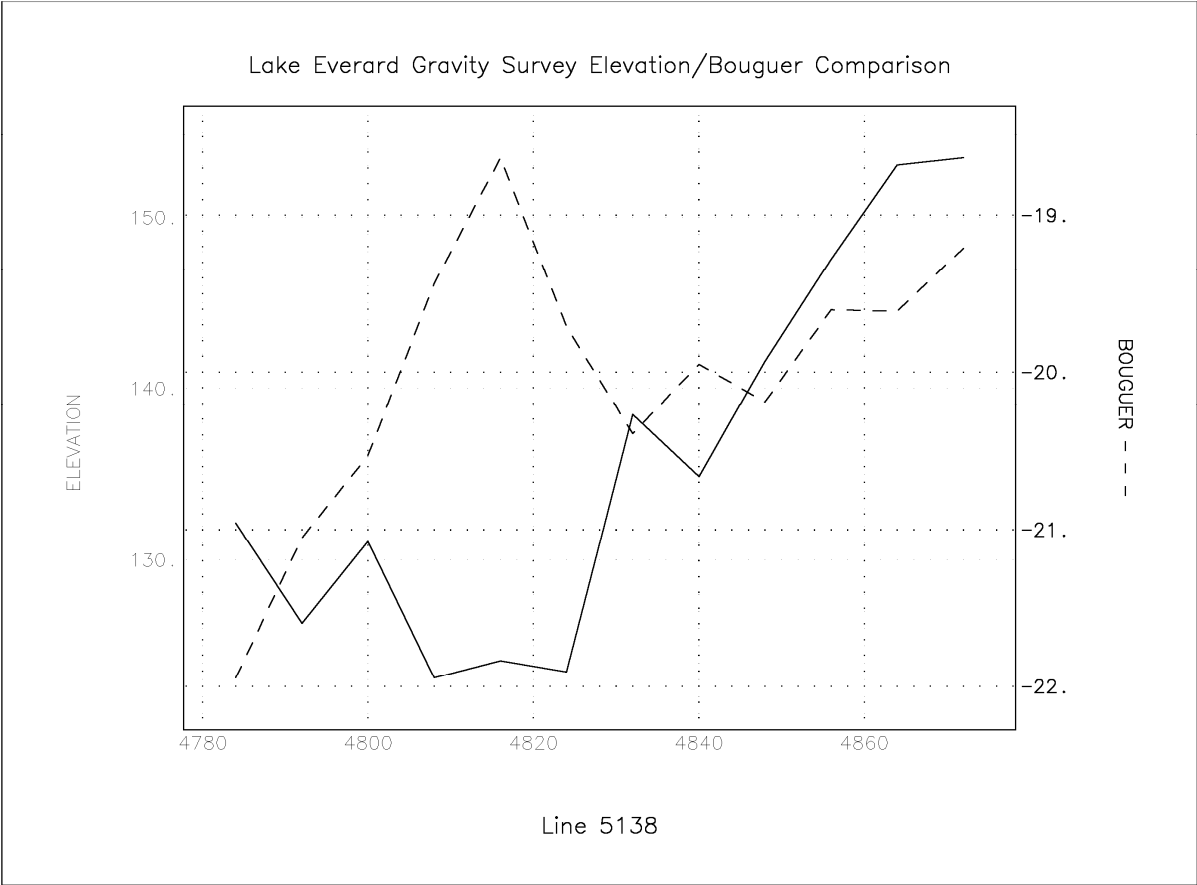


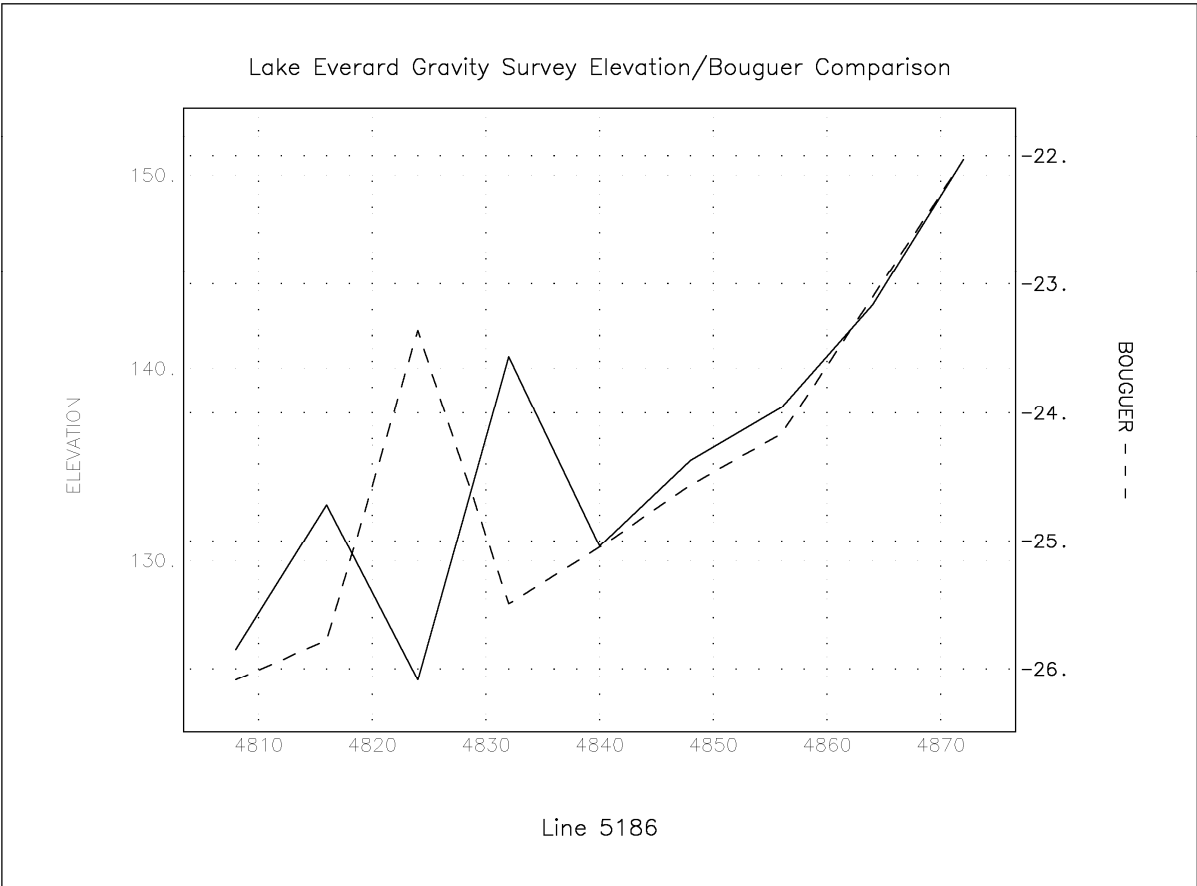
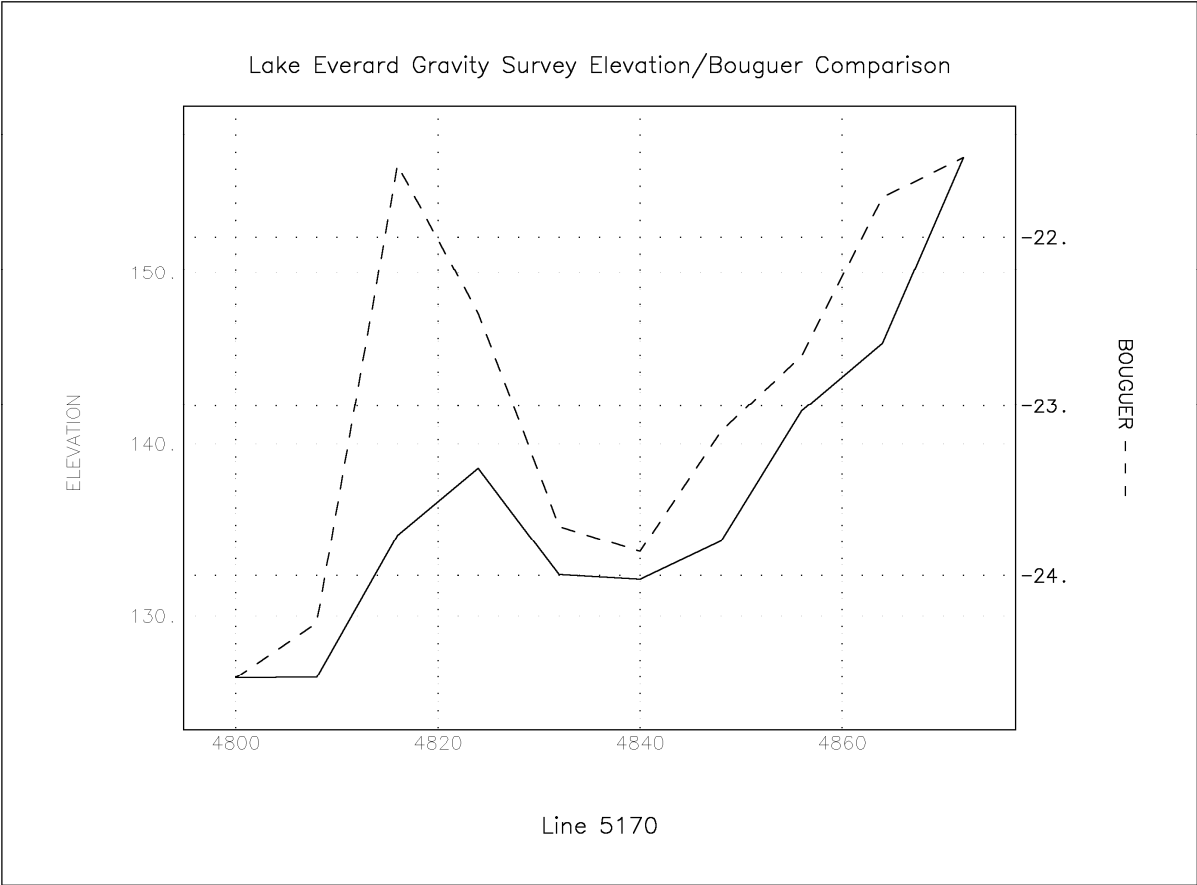












GRAVITY PROCESSING RESULTS

COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
E	N	x	y		meter	mgal		corn	corn	anom	(AHD)
(2.67)											
D80											
484656.0	6493729.1	0	303	+0.000	3439.345	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.011	3439.345	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	+0.258	3439.356	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.001	3439.098	979423.130	-35.321	48.450	-17.568	-4.439	156.999
479200.9	6494400.2	9440	7920	+0.140	3433.327	979417.101	-40.854	47.371	-17.177	-10.659	153.504
479400.0	6494400.3	9440	7940	+0.137	3434.359	979418.133	-39.822	46.764	-16.957	-10.015	151.537
479602.1	6494402.4	9440	7960	+0.133	3435.557	979419.331	-38.623	46.057	-16.701	-9.266	149.246
479798.0	6494396.8	9440	7980	+0.130	3436.403	979420.177	-37.781	45.502	-16.499	-8.778	147.447
479999.7	6494398.7	9440	8000	+0.126	3437.138	979420.912	-37.045	44.832	-16.256	-8.469	145.274
480196.8	6494399.4	9440	8020	+0.122	3437.821	979421.595	-36.362	44.286	-16.058	-8.134	143.506
480599.3	6494397.7	9440	8060	+0.119	3439.039	979422.813	-35.145	42.881	-15.549	-7.813	138.954
480798.5	6494398.3	9440	8080	+0.115	3439.498	979423.272	-34.686	42.529	-15.421	-7.578	137.814
480999.8	6494398.5	9440	8100	+0.111	3439.986	979423.760	-34.198	42.100	-15.265	-7.364	136.421
481399.8	6494402.1	9440	8140	+0.108	3440.733	979424.507	-33.449	41.477	-15.040	-7.012	134.403
481600.0	6494399.3	9440	8160	+0.105	3440.919	979424.693	-33.266	41.412	-15.016	-6.870	134.194
481795.9	6494398.1	9440	8180	+0.102	3440.928	979424.702	-33.258	41.524	-15.057	-6.790	134.557
482198.8	6494399.0	9440	8220	+0.098	3442.173	979425.947	-32.013	40.715	-14.763	-6.061	131.934
482396.2	6494396.4	9440	8240	+0.094	3442.054	979425.828	-32.134	40.631	-14.733	-6.236	131.663
482599.0	6494398.5	9440	8260	+0.091	3442.089	979425.863	-32.097	40.709	-14.761	-6.150	131.915
482798.6	6494401.6	9440	8280	+0.087	3441.728	979425.502	-32.456	41.107	-14.905	-6.255	133.204
482996.1	6494395.5	9440	8300	+0.083	3441.696	979425.470	-32.493	41.274	-14.966	-6.185	133.747
483197.5	6494399.4	9440	8320	+0.080	3441.670	979425.444	-32.516	41.434	-15.024	-6.106	134.266
483396.3	6494398.4	9440	8340	+0.077	3442.197	979425.971	-31.991	41.581	-15.077	-5.487	134.740
483598.7	6494400.5	9440	8360	+0.073	3442.356	979426.130	-31.830	41.654	-15.104	-5.280	134.976
479200.8	6494798.8	9480	7920	+0.145	3432.444	979416.218	-41.446	47.893	-17.366	-10.919	155.196
479398.1	6494796.8	9480	7940	+0.149	3433.409	979417.183	-40.483	47.167	-17.103	-10.419	152.843
479601.0	6494796.4	9480	7960	+0.152	3434.416	979418.190	-39.477	46.463	-16.848	-9.861	150.560
479798.2	6494800.3	9480	7980	+0.156	3435.203	979418.977	-38.687	45.970	-16.669	-9.386	148.964
480000.8	6494802.2	9480	8000	+0.159	3436.388	979420.162	-37.501	45.318	-16.432	-8.616	146.850
480198.6	6494798.8	9480	8020	+0.163	3436.787	979420.561	-37.105	44.689	-16.205	-8.620	144.813
480400.4	6494799.9	9480	8040	+0.167	3437.804	979421.578	-36.087	44.158	-16.012	-7.941	143.090
480600.3	6494798.9	9480	8060	+0.170	3438.501	979422.275	-35.391	43.605	-15.811	-7.598	141.298
480799.4	6494802.0	9480	8080	+0.173	3438.923	979422.697	-34.967	43.041	-15.607	-7.533	139.471
481001.3	6494800.0	9480	8100	+0.177	3439.173	979422.947	-34.719	42.563	-15.433	-7.590	137.922
481198.6	6494799.4	9480	8120	+0.180	3439.452	979423.226	-34.441	42.248	-15.319	-7.512	136.903
481397.5	6494800.0	9480	8140	+0.183	3439.847	979423.621	-34.045	41.953	-15.212	-7.305	135.947
481600.0	6494801.8	9480	8160	+0.187	3439.586	979423.360	-34.305	42.342	-15.353	-7.317	137.206
481799.6	6494799.4	9480	8180	+0.190	3439.852	979423.626	-34.041	42.299	-15.338	-7.080	137.069
482003.1	6494795.5	9480	8200	+0.193	3440.462	979424.236	-33.434	41.939	-15.207	-6.703	135.901
482197.5	6494798.6	9480	8220	+0.197	3440.671	979424.445	-33.223	41.758	-15.142	-6.607	135.314
482397.3	6494798.4	9480	8240	+0.200	3441.447	979425.221	-32.448	40.901	-14.831	-6.378	132.538
482602.3	6494797.3	9480	8260	+0.204	3441.573	979425.347	-32.323	40.519	-14.692	-6.496	131.300
482800.8	6494800.2	9480	8280	+0.207	3441.438	979425.212	-32.456	40.820	-14.802	-6.437	132.276
482998.3	6494800.5	9480	8300	+0.211	3441.469	979425.243	-32.425	40.935	-14.843	-6.333	132.649
483198.1	6494796.9	9480	8320	+0.214	3441.317	979425.091	-32.580	41.301	-14.976	-6.255	133.832
483397.9	6494795.9	9480	8340	+0.217	3441.047	979424.821	-32.851	41.751	-15.139	-6.239	135.293
483602.2	6494798.5	9480	8360	+0.220	3440.989	979424.763	-32.907	42.113	-15.271	-6.064	136.466
482599.9	6495196.6	9520	8260	+0.244	3441.258	979425.032	-32.347	40.922	-14.838	-6.264	132.604
482791.4	6495196.1	9520	8280	+0.238	3441.398	979425.172	-32.208	40.856	-14.815	-6.166	132.393
482999.7	6495196.9	9520	8300	+0.234	3441.399	979425.173	-32.206	41.118	-14.910	-5.998	133.240
483197.1	6495198.0	9520	8320	+0.231	3440.752	979424.526	-32.853	41.725	-15.130	-6.258	135.206
483399.6	6495200.0	9520	8340	+0.228	3440.349	979424.123	-33.255	42.480	-15.403	-6.178	137.653
483597.1	6495199.9	9520	8360	+0.225	3439.900	979423.674	-33.704	43.006	-15.594	-6.292	139.358
D81											
484656.0	6493729.1	0	303	+0.000	3438.017	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	+0.004	3438.017	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.983	3438.013	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.002	3438.996	979423.130	-35.321	48.450	-17.568	-4.439	156.999
479198.5	6495200.5	9520	7920	-0.175	3430.664	979415.781	-41.591	48.587	-17.618	-10.621	157.444
479400.7	6495203.5	9520	7940	-0.169	3431.759	979416.876	-40.494	47.602	-17.261	-10.152	154.252
479799.0	6495201.1	9520	7980	-0.162	3433.548	979418.665	-38.707	46.480	-16.854	-9.081	150.617
479998.4	6495201.9	9520	8000	-0.155	3434.720	979419.837	-37.535	45.599	-16.534	-8.470	147.760
480197.3	6495204.1	9520	8020	-0.149	3435.728	979420.845	-36.525	44.792	-16.242	-7.975	145.145
480598.8	6495204.0	9520	8060	-0.141	3437.098	979422.215	-35.156	43.890	-15.915	-7.181	142.223
480797.3	6495201.5	9520	8080	-0.134	3437.596	979422.713	-34.660	43.367	-15.725	-7.018	140.529
480997.3	6495201.1	9520	8100	-0.128	3437.562	979422.679	-34.695	42.950	-15.574	-7.319	139.176
481194.6	6495206.8	9520	8120	-0.122	3437.795	979422.912	-34.458	42.486	-15.406	-7.378	137.673
481397.7	6495202.5	9520	8140	-0.115	3438.162	979423.279	-34.094	42.256	-15.322	-7.161	136.927
481598.9	6495196.8	9520	8160	-0.109	3437.821	979422.938	-34.440	42.959	-15.577	-7.058	139.205
481798.4	6495199.0	9520	8180	-0.102	3437.942	979423.059	-34.317	42.909	-15.559	-6.968	139.043
482194.8	6495200.8	9520	8220	-0.094	3438.597	979423.714	-33.662	42.685	-15.478	-6.454	138.319
482398.4	6495199.6	9520	8240	-0.088	3439.142	979424.259	-33.118	42.113	-15.271	-6.275	136.466
482599.9	6495196.5	9520	8260	-0.082	3439.901	979425.018	-32.361	40.921	-14.838	-6.278	132.602
479200.7	6495600.3	9560	7920	-0.183	3430.123	979415.240	-41.840	48.727	-17.669	-10.782	157.896
479398.5	6495598.2	9560	7940	-0.188	3430.814	979415.931	-41.151	48.342	-17.529	-10.338	156.648
479597.3	6495602.3	9560	7960	-0.195	3431.596	979416.713	-40.367	47.460	-17.209	-10.116	153.790
479799.1	6495599.3	9560	7980	-0.203	3432.750	979417.867	-39.215	46.621	-16.905	-9.499	151.071

479998.0	6495601.1	9560	8000	-0.210	3433.716	979418.833	-38.248	46.164	-16.739	-8.823	149.593
480195.2	6495601.9	9560	8020	-0.216	3435.079	979420.196	-36.885	45.255	-16.410	-8.040	146.645
480397.6	6495602.5	9560	8040	-0.222	3436.060	979421.177	-35.903	44.535	-16.149	-7.517	144.314
480598.7	6495600.6	9560	8060	-0.228	3436.698	979421.815	-35.267	43.968	-15.943	-7.242	142.477
480801.4	6495600.1	9560	8080	-0.234	3437.162	979422.279	-34.804	43.410	-15.741	-7.134	140.668
480997.2	6495602.2	9560	8100	-0.239	3437.246	979422.363	-34.719	43.128	-15.639	-7.229	139.755
481201.1	6495600.7	9560	8120	-0.245	3437.311	979422.428	-34.655	42.748	-15.500	-7.408	138.521
481398.1	6495599.3	9560	8140	-0.251	3437.344	979422.461	-34.623	42.882	-15.549	-7.290	138.956
481598.3	6495601.7	9560	8160	-0.256	3437.106	979422.223	-34.860	43.530	-15.784	-7.114	141.057
481799.8	6495601.1	9560	8180	-0.262	3437.379	979422.496	-34.587	43.160	-15.650	-7.078	139.856
481997.0	6495600.8	9560	8200	-0.267	3437.797	979422.914	-34.170	42.835	-15.532	-6.867	138.805
482197.5	6495600.5	9560	8220	-0.273	3438.304	979423.421	-33.663	42.211	-15.306	-6.759	136.781
482398.9	6495599.4	9560	8240	-0.279	3438.794	979423.911	-33.174	41.719	-15.127	-6.583	135.187
482598.4	6495600.5	9560	8260	-0.294	3438.979	979424.096	-32.989	41.316	-14.981	-6.654	133.883
482797.5	6495602.4	9560	8280	-0.300	3438.542	979423.659	-33.425	41.904	-15.195	-6.715	135.787
482998.7	6495601.7	9560	8300	-0.309	3438.492	979423.609	-33.476	42.203	-15.303	-6.576	136.755
483193.0	6495601.2	9560	8320	-0.315	3438.234	979423.351	-33.734	42.665	-15.470	-6.540	138.253
483397.3	6495600.8	9560	8340	-0.321	3437.791	979422.908	-34.178	43.116	-15.634	-6.695	139.716
483595.9	6495602.3	9560	8360	-0.327	3437.547	979422.664	-34.421	44.072	-15.981	-6.329	142.812
479195.7	6495999.9	9600	7920	-0.474	3429.480	979414.597	-42.192	49.408	-17.916	-10.700	160.104
479399.7	6496002.6	9600	7940	-0.468	3430.282	979415.399	-41.389	48.734	-17.671	-10.326	157.921
479596.2	6496001.9	9600	7960	-0.462	3431.109	979416.226	-40.563	48.178	-17.469	-9.854	156.117
479799.2	6496001.6	9600	7980	-0.456	3432.035	979417.152	-39.637	47.310	-17.155	-9.482	153.304
480198.0	6495998.6	9600	8020	-0.449	3433.835	979418.952	-37.840	45.986	-16.675	-8.529	149.014
480398.8	6495998.4	9600	8040	-0.444	3435.110	979420.227	-36.565	45.082	-16.347	-7.830	146.085
480598.8	6496000.3	9600	8060	-0.438	3435.846	979420.963	-35.828	44.529	-16.146	-7.446	144.292
480999.0	6496000.7	9600	8080	-0.431	3436.098	979421.215	-35.576	43.886	-15.913	-7.604	142.209
480999.0	6496000.7	9600	8100	-0.419	3436.316	979421.433	-35.358	43.880	-15.911	-7.389	142.192
481195.8	6496004.7	9600	8120	-0.413	3436.328	979421.445	-35.344	44.072	-15.981	-7.252	142.814
481398.0	6496000.4	9600	8140	-0.407	3436.529	979421.646	-35.146	43.815	-15.888	-7.219	141.980
481798.0	6496003.4	9600	8180	-0.397	3437.313	979422.430	-34.360	42.829	-15.530	-7.061	138.786
481996.6	6496003.8	9600	8200	-0.390	3437.457	979422.574	-34.216	42.647	-15.464	-7.033	138.194
482196.6	6495999.7	9600	8220	-0.376	3437.766	979422.883	-33.911	42.254	-15.322	-6.978	136.922
482598.4	6496000.3	9600	8260	-0.367	3437.677	979422.794	-34.000	42.429	-15.385	-6.955	137.490
482795.8	6495999.2	9600	8280	-0.360	3437.730	979422.847	-33.948	42.419	-15.381	-6.910	137.456
482998.1	6496000.8	9600	8300	-0.354	3437.191	979422.308	-34.486	42.966	-15.580	-7.100	139.228
483195.6	6495998.6	9600	8320	-0.348	3436.654	979421.771	-35.025	43.460	-15.759	-7.323	140.830
483392.9	6496004.0	9600	8340	-0.343	3435.756	979420.873	-35.919	44.534	-16.148	-7.533	144.311
483597.5	6496005.2	9600	8360	-0.337	3435.009	979420.126	-36.665	46.350	-16.807	-7.122	150.193
479198.2	6496403.1	9640	7920	-0.486	3429.188	979414.305	-42.191	49.427	-17.922	-10.686	160.164
479399.2	6496403.2	9640	7940	-0.495	3430.011	979415.128	-41.368	48.875	-17.722	-10.215	158.377
479598.5	6496401.3	9640	7960	-0.500	3430.815	979415.932	-40.566	48.128	-17.451	-9.889	155.956
479797.7	6496400.3	9640	7980	-0.507	3431.587	979416.704	-39.795	47.484	-17.218	-9.529	153.868
479999.7	6496399.6	9640	8000	-0.513	3432.375	979417.492	-39.007	46.670	-16.923	-9.260	151.231
480197.3	6496402.3	9640	8020	-0.520	3433.242	979418.359	-38.139	46.043	-16.695	-8.791	149.199
480398.4	6496402.7	9640	8040	-0.525	3433.861	979418.978	-37.520	45.998	-16.679	-8.201	149.054
480599.8	6496399.0	9640	8060	-0.531	3435.015	979420.132	-36.369	45.202	-16.390	-7.557	146.473
480798.7	6496400.8	9640	8080	-0.536	3435.369	979420.486	-36.014	44.891	-16.278	-7.400	145.466
480997.4	6496395.5	9640	8100	-0.542	3435.778	979420.895	-35.609	44.615	-16.178	-7.171	144.572
481199.9	6496404.8	9640	8120	-0.550	3435.878	979420.995	-35.502	44.432	-16.111	-7.182	143.979
481395.5	6496402.3	9640	8140	-0.556	3436.322	979421.439	-35.060	43.913	-15.923	-7.071	142.296
481599.5	6496404.0	9640	8160	-0.563	3436.521	979421.638	-34.860	43.296	-15.699	-7.264	140.297
481797.0	6496399.6	9640	8180	-0.569	3436.827	979421.944	-34.558	42.768	-15.508	-7.298	138.587
481997.5	6496400.1	9640	8200	-0.575	3436.997	979422.114	-34.388	42.840	-15.534	-7.081	138.822
482199.8	6496402.5	9640	8220	-0.582	3436.538	979421.655	-34.845	43.319	-15.708	-7.234	140.372
482399.2	6496400.4	9640	8240	-0.596	3436.707	979421.824	-34.678	43.453	-15.756	-6.981	140.806
482597.4	6496403.2	9640	8260	-0.602	3436.091	979421.208	-35.292	43.643	-15.825	-7.474	141.422
482798.5	6496399.3	9640	8280	-0.608	3436.244	979421.361	-35.142	43.685	-15.840	-7.298	141.559
482999.7	6496399.2	9640	8300	-0.615	3436.177	979421.294	-35.210	43.555	-15.793	-7.447	141.139
483197.7	6496400.2	9640	8320	-0.621	3435.922	979421.039	-35.464	43.663	-15.832	-7.633	141.488
483398.3	6496398.6	9640	8340	-0.627	3434.957	979420.074	-36.430	44.495	-16.134	-8.069	144.184
483598.0	6496400.4	9640	8360	-0.632	3434.347	979419.464	-37.039	45.396	-16.461	-8.104	147.104
479199.1	6496800.4	9680	7920	-0.804	3429.160	979414.277	-41.929	48.880	-17.724	-10.773	158.393
479398.4	6496802.1	9680	7940	-0.798	3429.830	979414.947	-41.258	48.388	-17.546	-10.416	156.797
479595.0	6496803.9	9680	7960	-0.790	3430.299	979415.416	-40.788	47.921	-17.376	-10.244	155.284
479795.6	6496802.0	9680	7980	-0.782	3431.140	979416.257	-39.949	47.279	-17.143	-9.814	153.204
479998.4	6496799.6	9680	8000	-0.775	3431.749	979416.866	-39.342	46.578	-16.889	-9.654	150.933
480194.9	6496801.6	9680	8020	-0.766	3432.806	979417.923	-38.284	45.912	-16.648	-9.020	148.776
480598.3	6496800.4	9680	8060	-0.755	3434.065	979419.182	-37.026	45.508	-16.501	-8.020	147.466
480796.5	6496802.2	9680	8080	-0.749	3434.440	979419.557	-36.650	45.212	-16.394	-7.832	146.508
480996.6	6496802.8	9680	8100	-0.742	3434.911	979420.028	-36.179	44.936	-16.294	-7.537	145.613
481396.8	6496802.4	9680	8140	-0.732	3435.350	979420.467	-35.741	43.967	-15.942	-7.717	142.471
481599.3	6496799.6	9680	8160	-0.724	3435.621	979420.738	-35.472	43.583	-15.803	-7.692	141.229
481797.1	6496801.0	9680	8180	-0.716	3435.914	979421.031	-35.178	43.302	-15.701	-7.578	140.316
482201.1	6496801.0	9680	8220	-0.708	3435.304	979420.421	-35.789	44.466	-16.124	-7.446	144.091
482396.8	6496802.8	9680	8240	-0.689	3434.626	979419.743	-36.466	45.123	-16.362	-7.705	146.218
482598.2	6496802.7	9680	8260	-0.682	3434.532	979419.649	-36.560	45.051	-16.336	-7.845	145.986
482796.7	6496798.6	9680	8280	-0.676	3434.436	979419.553	-36.660	45.198	-16.389	-7.851	146.460
482997.2	6496804.8	9680	8300	-0.669	3434.552	979419.669	-36.539	44.967	-16.305	-7.878	145.712
483196.1	6496798.6	9680	8320	-0.663	3434.398	979419.515	-36.698	44.713	-16.213	-8.198	144.889
483395.6	6496801.3	9680	8340	-0.656	3434.171	979419.288	-36.923	44.740	-16.223	-8.406	144.976
483595.1	6496798.6	9680	8360	-0.646	3434.258	979419.375	-36.838	44.578	-16.164	-8.425	144.452
479200.2	6497200.0	9720	7920	-0.813	3429.692	979414.809	-41.106	47.431	-17.199	-10.874	153.697

479399.0	6497204.1	9720	7940	-0.821	3429.594	979414.711	-41.202	47.848	-17.350	-10.703	155.050
479598.8	6497200.2	9720	7960	-0.827	3430.005	979415.122	-40.794	47.537	-17.237	-10.494	154.040
479798.0	6497202.3	9720	7980	-0.838	3431.011	979416.128	-39.787	46.759	-16.955	-9.983	151.519
479996.7	6497203.1	9720	8000	-0.846	3431.561	979416.678	-39.236	46.113	-16.721	-9.844	149.425
480199.0	6497201.8	9720	8020	-0.852	3432.376	979417.493	-38.422	45.553	-16.518	-9.387	147.613
480399.2	6497202.0	9720	8040	-0.860	3433.109	979418.226	-37.690	45.273	-16.416	-8.833	146.704
480598.6	6497200.1	9720	8060	-0.867	3433.585	979418.702	-37.215	45.012	-16.322	-8.525	145.860
480798.4	6497202.1	9720	8080	-0.873	3434.201	979419.318	-36.598	44.462	-16.122	-8.258	144.076
480998.3	6497199.2	9720	8100	-0.879	3434.464	979419.581	-36.338	44.051	-15.973	-8.259	142.746
481195.6	6497201.7	9720	8120	-0.885	3434.590	979419.707	-36.210	43.609	-15.813	-8.414	141.313
481399.2	6497201.0	9720	8140	-0.893	3434.820	979419.937	-35.981	43.033	-15.604	-8.551	139.447
481598.5	6497201.1	9720	8160	-0.900	3434.994	979420.111	-35.807	42.726	-15.493	-8.574	138.450
481794.0	6497199.2	9720	8180	-0.906	3434.455	979419.572	-36.347	43.491	-15.770	-8.626	140.931
481998.9	6497202.2	9720	8200	-0.915	3433.958	979419.075	-36.843	44.217	-16.033	-8.659	143.282
482198.3	6497202.1	9720	8220	-0.922	3433.672	979418.789	-37.129	44.708	-16.211	-8.632	144.873
482396.3	6497202.7	9720	8240	-0.929	3433.395	979418.512	-37.406	45.524	-16.507	-8.389	147.519
482596.8	6497201.1	9720	8260	-0.942	3433.101	979418.218	-37.701	45.950	-16.662	-8.413	148.899

D82

484656.0	6493729.1	0	303	+0.000	3439.123	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.010	3439.123	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.048	3439.133	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.002	3439.181	979423.130	-35.321	48.450	-17.568	-4.439	156.999
479198.5	6495200.5	9520	7920	-0.005	3431.741	979415.738	-41.634	48.583	-17.616	-10.667	157.429
479200.8	6495600.3	9560	7920	-0.005	3431.224	979415.221	-41.859	48.718	-17.665	-10.807	157.869
479195.6	6496000.0	9600	7920	-0.006	3430.610	979414.607	-42.182	49.354	-17.896	-10.724	159.930
479198.3	6496403.1	9640	7920	-0.007	3430.279	979414.276	-42.220	49.406	-17.915	-10.728	160.098
482596.8	6497200.9	9720	8260	-0.010	3434.269	979418.266	-37.653	45.942	-16.659	-8.370	148.873
482794.9	6497200.2	9720	8280	-0.011	3433.887	979417.884	-38.036	46.733	-16.945	-8.249	151.434
482997.5	6497197.1	9720	8300	-0.011	3433.750	979417.747	-38.176	46.250	-16.770	-8.696	149.870
483195.4	6497197.3	9720	8320	-0.012	3433.920	979417.917	-38.006	45.697	-16.570	-8.878	148.079
483397.1	6497202.7	9720	8340	-0.013	3433.890	979417.887	-38.032	45.525	-16.507	-9.015	147.520
483595.1	6497202.3	9720	8360	-0.013	3433.622	979417.619	-38.300	45.676	-16.562	-9.187	148.010

D82

484656.0	6493729.1	0	303	+0.000	3439.123	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.010	3439.123	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.048	3439.133	979423.130	-35.321	48.450	-17.568	-4.439	156.999
484656.0	6493729.1	0	303	-0.002	3439.181	979423.130	-35.321	48.450	-17.568	-4.439	156.999
485198.1	6491203.2	8520	9120	-0.031	3436.550	979420.547	-39.745	54.925	-19.916	-4.736	177.980
485196.7	6492798.9	8520	9280	-0.026	3439.798	979423.795	-35.334	48.590	-17.619	-4.363	157.452
485194.7	6494404.3	8520	9440	-0.020	3441.503	979425.500	-32.459	42.868	-15.544	-5.135	138.912
485599.5	6490404.6	8560	9040	-0.033	3434.386	979418.383	-42.491	59.438	-21.552	-4.606	192.604
485601.8	6490603.0	8560	9060	-0.032	3436.879	979420.876	-39.854	55.527	-20.134	-4.461	179.932
485595.8	6490804.0	8560	9080	-0.032	3435.974	979419.971	-40.612	56.823	-20.604	-4.393	184.132
485601.0	6491000.6	8560	9100	-0.031	3437.119	979421.116	-39.324	54.814	-19.876	-4.385	177.623
485601.5	6491200.7	8560	9120	-0.030	3437.196	979421.193	-39.101	54.639	-19.812	-4.274	177.055
485599.3	6491400.8	8560	9140	-0.029	3437.423	979421.420	-38.728	54.043	-19.596	-4.281	175.123
485591.0	6491598.4	8560	9160	-0.029	3435.406	979419.403	-40.601	56.807	-20.598	-4.393	184.079
485595.9	6491802.4	8560	9180	-0.028	3437.553	979421.550	-38.306	53.443	-19.379	-4.241	173.179
485597.7	6491998.7	8560	9200	-0.028	3438.547	979422.544	-37.168	51.753	-18.766	-4.181	167.702
485598.8	6492199.5	8560	9220	-0.027	3440.043	979424.040	-35.526	49.354	-17.896	-4.068	159.929
485598.9	6492401.2	8560	9240	-0.027	3440.468	979424.465	-34.954	48.353	-17.533	-4.134	156.685
485600.2	6492600.5	8560	9260	-0.026	3440.694	979424.691	-34.583	47.451	-17.206	-4.338	153.762
485599.6	6492797.3	8560	9280	-0.025	3440.737	979424.734	-34.397	47.053	-17.062	-4.405	152.472
485599.6	6492998.5	8560	9300	-0.025	3440.726	979424.723	-34.261	47.211	-17.119	-4.168	152.986
485598.7	6493200.9	8560	9320	-0.024	3441.626	979425.623	-33.213	45.513	-16.503	-4.203	147.483
485593.1	6493397.7	8560	9340	-0.024	3441.232	979425.229	-33.464	45.084	-16.348	-4.728	146.093
485599.4	6493598.5	8560	9360	-0.022	3441.201	979425.198	-33.349	44.713	-16.213	-4.849	144.891
485596.0	6493795.5	8560	9380	-0.021	3441.975	979425.972	-32.431	43.314	-15.706	-4.823	140.355
485598.1	6494003.5	8560	9400	-0.021	3441.883	979425.880	-32.372	43.021	-15.600	-4.950	139.407
485597.1	6494195.9	8560	9420	-0.020	3441.608	979425.605	-32.506	43.310	-15.704	-4.901	140.342
485599.9	6494397.4	8560	9440	-0.019	3441.317	979425.314	-32.651	43.271	-15.690	-5.070	140.217
485596.3	6494599.2	8560	9460	-0.019	3440.517	979424.514	-33.304	43.943	-15.934	-5.294	142.395
485597.7	6494802.2	8560	9480	-0.018	3440.115	979424.112	-33.558	44.556	-16.156	-5.158	144.380
485599.4	6494998.1	8560	9500	-0.017	3439.577	979423.574	-33.953	45.219	-16.396	-5.131	146.528
485599.5	6494998.1	8560	9501	-0.046	3439.534	979423.531	-33.996	45.235	-16.402	-5.164	146.580
486000.6	6490404.5	8600	9040	-0.034	3427.385	979411.382	-49.493	69.927	-25.356	-4.922	226.595
485996.6	6490604.9	8600	9060	-0.035	3429.321	979413.318	-47.411	66.898	-24.258	-4.770	216.779
485996.7	6490799.9	8600	9080	-0.035	3432.645	979416.642	-43.945	61.659	-22.358	-4.644	199.801
486000.5	6491000.4	8600	9100	-0.036	3432.926	979416.923	-43.518	61.087	-22.151	-4.581	197.950
485997.5	6491199.6	8600	9120	-0.036	3435.987	979419.984	-40.311	56.343	-20.430	-4.399	182.575
485998.3	6491402.0	8600	9140	-0.037	3437.797	979421.794	-38.354	53.296	-19.325	-4.383	172.703
485999.9	6491604.4	8600	9160	-0.037	3438.704	979422.701	-37.299	51.595	-18.709	-4.413	167.190
486001.2	6491798.9	8600	9180	-0.038	3438.958	979422.955	-36.904	50.717	-18.390	-4.577	164.344
485996.7	6491997.3	8600	9200	-0.039	3439.622	979423.619	-36.095	49.893	-18.091	-4.293	161.676
485997.4	6492203.8	8600	9220	-0.039	3439.969	979423.966	-35.597	49.136	-17.817	-4.279	159.221
486002.1	6492400.1	8600	9240	-0.039	3440.195	979424.192	-35.228	48.277	-17.505	-4.457	156.439
486000.0	6492603.3	8600	9260	-0.040	3440.867	979424.864	-34.408	47.426	-17.197	-4.179	153.682
485995.9	6492800.2	8600	9280	-0.040	3441.245	979425.242	-33.887	46.622	-16.905	-4.170	151.075
485994.3	6493000.3	8600	9300	-0.041	3441.088	979425.085	-33.898	45.912	-16.648	-4.634	148.775
485995.8	6493197.7	8600	9320	-0.041	3441.061	979425.058	-33.781	45.503	-16.500	-4.777	147.451
485998.6	6493399.6	8600	9340	-0.042	3441.061	979425.058	-33.634	45.035	-16.330	-4.929	145.934
485999.8	6493599.0	8600	9360	-0.042	3441.278	979425.275	-33.272	44.567	-16.160	-4.865	144.418
485999.4	6493799.1	8600	9380	-0.043	3441.724	979425.721	-32.680	43.923	-15.927	-4.684	142.330

485997.1	6494000.0	8600	9400	-0.043	3441.686	979425.683	-32.571	43.369	-15.726	-4.928	140.534
486000.6	6494200.1	8600	9420	-0.044	3441.443	979425.440	-32.669	43.597	-15.808	-4.881	141.272
485995.3	6494404.7	8600	9440	-0.044	3440.647	979424.644	-33.316	44.369	-16.088	-5.035	143.775
485999.9	6494597.9	8600	9460	-0.044	3439.930	979423.927	-33.892	45.038	-16.331	-5.185	145.943
485999.5	6494800.7	8600	9480	-0.045	3439.041	979423.038	-34.633	46.124	-16.725	-5.234	149.462
485998.8	6494997.2	8600	9500	-0.045	3437.163	979421.160	-36.368	48.829	-17.706	-5.245	158.227
D79											
481527.0	6489969.7	0	4101	+0.000	3444.949	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481527.0	6489969.7	0	4101	+0.005	3444.949	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481527.0	6489969.7	0	4101	-0.266	3444.944	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481527.0	6489969.7	0	4101	-0.001	3445.210	979428.858	-32.329	38.193	-13.849	-7.985	123.762
484599.9	6487601.3	8760	8460	-0.253	3434.559	979418.473	-44.444	59.990	-21.753	-6.207	194.393
481597.5	6487999.3	8800	8160	-0.209	3441.597	979425.511	-37.113	42.708	-15.486	-9.890	138.394
481798.1	6488001.0	8800	8180	-0.212	3441.625	979425.539	-37.084	43.434	-15.749	-9.399	140.744
481999.2	6488001.4	8800	8200	-0.214	3442.003	979425.917	-36.706	43.851	-15.901	-8.755	142.097
482199.5	6488001.8	8800	8220	-0.216	3442.492	979426.406	-36.216	43.813	-15.887	-8.290	141.972
482399.1	6487987.4	8800	8240	-0.218	3441.635	979425.549	-37.084	45.590	-16.531	-8.026	147.731
482596.4	6488000.2	8800	8260	-0.221	3441.005	979424.919	-37.705	47.977	-17.397	-7.125	155.466
482799.1	6487998.8	8800	8280	-0.225	3440.404	979424.318	-38.308	49.712	-18.026	-6.621	161.090
483000.8	6488002.5	8800	8300	-0.228	3439.448	979423.362	-39.261	51.383	-18.632	-6.510	166.502
483389.7	6488001.6	8800	8340	-0.234	3437.913	979421.827	-40.797	55.085	-19.974	-5.686	178.499
483596.6	6488002.0	8800	8360	-0.237	3436.578	979420.492	-42.132	57.148	-20.722	-5.706	185.184
483797.7	6487999.8	8800	8380	-0.239	3437.987	979421.901	-40.725	54.827	-19.880	-5.778	177.663
483996.9	6488002.2	8800	8400	-0.242	3436.832	979420.746	-41.878	56.787	-20.591	-5.683	184.015
484198.8	6488000.9	8800	8420	-0.244	3437.093	979421.007	-41.619	56.023	-20.314	-5.910	181.539
484392.6	6488001.6	8800	8440	-0.247	3436.388	979420.302	-42.323	57.147	-20.722	-5.898	185.180
484597.6	6487999.2	8800	8460	-0.250	3437.009	979420.923	-41.704	56.116	-20.348	-5.936	181.842
481598.3	6488400.9	8840	8160	-0.205	3440.965	979424.879	-37.452	43.471	-15.763	-9.744	140.864
481802.6	6488400.7	8840	8180	-0.203	3441.124	979425.038	-37.293	43.834	-15.894	-9.353	142.041
482000.4	6488402.4	8840	8200	-0.200	3440.196	979424.110	-38.220	45.822	-16.615	-9.013	148.483
482200.9	6488402.1	8840	8220	-0.197	3439.396	979423.310	-39.021	47.771	-17.322	-8.572	154.799
482400.6	6488400.6	8840	8240	-0.195	3439.543	979423.457	-38.875	48.780	-17.688	-7.783	158.069
482600.7	6488402.3	8840	8260	-0.192	3438.788	979422.702	-39.629	51.661	-18.733	-6.700	167.405
482796.5	6488399.4	8840	8280	-0.178	3435.713	979419.627	-42.706	57.292	-20.774	-6.189	185.652
483001.4	6488404.1	8840	8300	-0.175	3435.489	979419.403	-42.927	57.932	-21.006	-6.002	187.725
483200.3	6488399.9	8840	8320	-0.173	3436.760	979420.674	-41.659	56.504	-20.489	-5.644	183.099
483399.8	6488396.9	8840	8340	-0.171	3435.899	979419.813	-42.523	57.703	-20.923	-5.743	186.984
483596.7	6488401.7	8840	8360	-0.168	3437.161	979421.075	-41.258	55.999	-20.306	-5.564	181.463
483801.0	6488400.5	8840	8380	-0.166	3438.875	979422.789	-39.545	53.523	-19.408	-5.430	173.437
483998.7	6488398.2	8840	8400	-0.164	3438.833	979422.747	-39.589	53.103	-19.255	-5.741	172.077
484198.7	6488399.8	8840	8420	-0.162	3437.965	979421.879	-40.456	53.621	-19.443	-6.278	173.757
484397.1	6488401.8	8840	8440	-0.160	3439.283	979423.197	-39.136	52.585	-19.068	-5.619	170.400
484598.3	6488398.7	8840	8460	-0.158	3439.262	979423.176	-39.160	52.784	-19.140	-5.516	171.042
481601.1	6488796.0	8880	8160	-0.109	3442.775	979426.689	-35.354	41.090	-14.899	-9.163	133.149
481800.1	6488807.5	8880	8180	-0.117	3442.079	979425.993	-36.041	42.411	-15.378	-9.009	137.429
482002.2	6488797.0	8880	8200	-0.119	3440.735	979424.649	-37.394	44.676	-16.200	-8.917	144.769
482201.4	6488799.7	8880	8220	-0.121	3440.432	979424.346	-37.695	45.968	-16.668	-8.395	148.956
482400.5	6488799.1	8880	8240	-0.123	3439.336	979423.250	-38.791	49.134	-17.816	-7.474	159.216
482544.8	6488799.6	8880	8260	-0.126	3438.044	979421.958	-40.083	52.331	-18.976	-6.728	169.576
482801.4	6488801.2	8880	8280	-0.130	3430.096	979414.010	-48.030	65.065	-23.593	-6.558	210.840
482998.2	6488799.7	8880	8300	-0.133	3435.428	979419.342	-42.700	57.563	-20.873	-6.009	186.531
483202.7	6488800.4	8880	8320	-0.136	3438.278	979422.192	-39.849	53.383	-19.357	-5.824	172.983
483397.7	6488796.7	8880	8340	-0.139	3438.749	979422.663	-39.381	52.689	-19.105	-5.798	170.734
483600.0	6488801.5	8880	8360	-0.141	3437.804	979421.718	-40.323	53.944	-19.560	-5.940	174.801
483800.2	6488800.4	8880	8380	-0.144	3432.802	979416.716	-45.326	61.612	-22.341	-6.055	199.650
483999.7	6488795.7	8880	8400	-0.148	3439.672	979423.586	-38.460	51.582	-18.704	-5.581	167.149
484197.3	6488798.5	8880	8420	-0.150	3440.566	979424.480	-37.564	49.844	-18.074	-5.794	161.516
484396.9	6488799.6	8880	8440	-0.153	3440.730	979424.644	-37.399	50.059	-18.152	-5.492	162.214
484601.0	6488801.1	8880	8460	-0.155	3440.949	979424.863	-37.180	49.399	-17.912	-5.693	160.075
481598.7	6489201.1	8920	8160	-0.105	3443.204	979427.118	-34.629	40.071	-14.530	-9.088	129.848
481800.2	6489198.1	8920	8180	-0.103	3441.290	979425.204	-36.546	43.214	-15.670	-9.001	140.033
481999.3	6489200.1	8920	8200	-0.100	3440.784	979424.698	-37.051	44.456	-16.120	-8.714	144.057
482199.9	6489201.6	8920	8220	-0.098	3440.327	979424.241	-37.507	45.537	-16.512	-8.482	147.560
482399.3	6489200.9	8920	8240	-0.096	3439.170	979423.084	-38.664	48.318	-17.520	-7.866	156.573
482600.8	6489198.1	8920	8260	-0.093	3438.945	979422.859	-38.892	50.591	-18.344	-6.645	163.936
482801.5	6489187.8	8920	8280	-0.088	3430.672	979414.586	-47.172	63.123	-22.889	-6.938	204.547
482994.3	6489200.5	8920	8300	-0.083	3427.242	979411.156	-50.593	68.726	-24.920	-6.788	222.702
483197.9	6489201.2	8920	8320	-0.080	3434.661	979418.575	-43.174	58.489	-21.208	-5.894	189.529
483401.4	6489201.6	8920	8340	-0.078	3437.621	979421.535	-40.214	54.307	-19.692	-5.599	175.977
483596.5	6489199.5	8920	8360	-0.075	3440.100	979424.014	-37.737	50.366	-18.263	-5.634	163.209
483798.4	6489200.6	8920	8380	-0.073	3439.866	979423.780	-37.970	51.355	-18.621	-5.237	166.412
483999.7	6489201.1	8920	8400	-0.071	3440.521	979424.435	-37.315	49.863	-18.080	-5.533	161.577
484197.2	6489200.8	8920	8420	-0.069	3441.847	979425.761	-35.990	48.449	-17.568	-5.108	156.996
484397.9	6489201.3	8920	8440	-0.067	3441.413	979425.327	-36.423	48.033	-17.417	-5.807	155.648
484601.1	6489200.0	8920	8460	-0.065	3441.370	979425.284	-36.468	47.845	-17.349	-5.971	155.040
481600.0	6489600.7	8960	8160	-0.024	3444.818	979428.732	-32.724	38.277	-13.879	-8.326	124.034
481800.7	6489598.7	8960	8180	-0.027	3444.343	979428.257	-33.201	39.322	-14.258	-8.137	127.420
481998.6	6489600.8	8960	8200	-0.029	3443.677	979427.591	-33.865	40.765	-14.782	-7.882	132.097
482200.2	6489600.3	8960	8220	-0.033	3442.331	979426.245	-35.212	42.891	-15.552	-7.873	138.986
482401.4	6489594.5	8960	8240	-0.035	3441.154	979425.068	-36.393	45.048	-16.334	-7.680	145.974
482600.0	6489600.8	8960	8260	-0.038	3440.715	979424.629	-36.828	47.213	-17.120	-6.735	152.992
482770.8	6489604.6	8960	8280	-0.040	3439.570	979423.484	-37.971	49.742	-18.037	-6.265	161.185
482997.6	6489599.3	8960	8300	-0.043	3437.362	979421.276	-40.183	53.298	-19.326	-6.211	172.709

483200.4	6489590.6	8960	8320	-0.046	3434.890	979418.804	-42.661	57.347	-20.794	-6.108	185.830
483402.5	6489602.1	8960	8340	-0.049	3439.964	979423.878	-37.579	49.715	-18.027	-5.891	161.097
483600.0	6489600.4	8960	8360	-0.052	3440.928	979424.842	-36.617	48.432	-17.562	-5.746	156.942
483798.1	6489601.3	8960	8380	-0.054	3440.770	979424.684	-36.774	49.679	-18.014	-5.109	160.983
483999.0	6489601.8	8960	8400	-0.056	3441.054	979424.968	-36.490	49.303	-17.878	-5.064	159.764
484196.5	6489599.6	8960	8420	-0.058	3441.902	979425.816	-35.644	47.209	-17.118	-5.553	152.977
484399.1	6489596.4	8960	8440	-0.060	3442.719	979426.633	-34.829	46.783	-16.964	-5.010	151.599
484598.7	6489598.7	8960	8460	-0.062	3443.036	979426.950	-34.511	46.399	-16.825	-4.936	150.354
D80											
481527.0	6489969.7	0	4101	+0.000	3445.123	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481527.0	6489969.7	0	4101	-0.002	3445.123	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481527.0	6489969.7	0	4101	-0.128	3445.125	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481527.0	6489969.7	0	4101	-0.010	3445.253	979428.858	-32.329	38.193	-13.849	-7.985	123.762
481595.7	6487200.3	8720	8160	-0.056	3438.227	979421.960	-41.246	47.386	-17.182	-11.043	153.550
481798.3	6487192.4	8720	8180	-0.058	3440.612	979424.345	-38.867	44.521	-16.143	-10.490	144.267
481991.8	6487198.9	8720	8200	-0.060	3441.451	979425.184	-38.024	43.874	-15.909	-10.059	142.170
482202.8	6487196.6	8720	8220	-0.062	3440.392	979424.125	-39.085	45.611	-16.539	-10.012	147.800
482397.3	6487203.0	8720	8240	-0.063	3441.381	979425.114	-38.091	45.368	-16.451	-9.174	147.012
482598.8	6487201.8	8720	8260	-0.065	3440.574	979424.307	-38.900	47.307	-17.154	-8.747	153.294
482801.9	6487192.9	8720	8280	-0.067	3438.855	979422.588	-40.625	51.282	-18.595	-7.938	166.176
483000.4	6487203.6	8720	8300	-0.069	3439.563	979423.296	-39.910	51.172	-18.555	-7.293	165.821
483196.4	6487202.5	8720	8320	-0.071	3438.947	979422.680	-40.527	52.822	-19.154	-6.858	171.167
483396.1	6487199.2	8720	8340	-0.073	3437.722	979421.455	-41.754	55.633	-20.173	-6.294	180.274
483599.1	6487202.7	8720	8360	-0.075	3434.403	979418.136	-45.071	60.797	-22.045	-6.320	197.008
483803.8	6487196.8	8720	8380	-0.077	3436.387	979420.120	-43.092	56.939	-20.647	-6.799	184.509
484001.5	6487199.0	8720	8400	-0.079	3435.178	979418.911	-44.299	58.382	-21.169	-7.087	189.182
484193.4	6487196.7	8720	8420	-0.080	3434.850	979418.583	-44.629	59.307	-21.505	-6.827	192.180
484399.6	6487201.2	8720	8440	-0.083	3434.041	979417.774	-45.435	60.272	-21.855	-7.018	195.308
484598.4	6487201.4	8720	8460	-0.085	3433.168	979416.901	-46.308	61.608	-22.339	-7.039	199.637
481598.0	6487603.4	8760	8160	-0.051	3440.513	979424.246	-38.666	44.427	-16.109	-10.349	143.962
481803.3	6487602.3	8760	8180	-0.049	3441.070	979424.803	-38.110	43.864	-15.905	-10.152	142.139
482003.5	6487599.6	8760	8200	-0.047	3440.039	979423.772	-39.144	45.993	-16.677	-9.828	149.039
482198.6	6487598.4	8760	8220	-0.046	3440.464	979424.197	-38.720	46.462	-16.847	-9.105	150.558
482401.3	6487606.2	8760	8240	-0.044	3440.668	979424.401	-38.510	46.973	-17.033	-8.570	152.213
482597.1	6487599.7	8760	8260	-0.042	3442.022	979425.755	-37.161	46.628	-16.907	-7.441	151.094
482800.1	6487600.5	8760	8280	-0.040	3441.243	979424.976	-37.940	48.488	-17.582	-7.034	157.123
482998.6	6487602.5	8760	8300	-0.039	3440.995	979424.728	-38.187	49.384	-17.907	-6.710	160.026
483198.8	6487595.1	8760	8320	-0.037	3439.843	979423.576	-39.344	51.480	-18.667	-6.531	166.818
483397.8	6487595.7	8760	8340	-0.035	3438.636	979422.369	-40.551	53.836	-19.521	-6.236	174.452
483599.1	6487598.8	8760	8360	-0.033	3438.346	979422.079	-40.839	54.622	-19.806	-6.024	176.998
483796.6	6487602.4	8760	8380	-0.031	3437.170	979420.903	-42.013	56.045	-20.322	-6.290	181.611
483997.9	6487602.9	8760	8400	-0.030	3435.983	979419.716	-43.200	58.100	-21.067	-6.167	188.270
484197.2	6487596.2	8760	8420	-0.028	3435.603	979419.336	-43.585	59.022	-21.402	-5.964	191.258
484399.7	6487600.4	8760	8440	-0.025	3434.712	979418.445	-44.473	59.783	-21.678	-6.367	193.724
484599.9	6487601.1	8760	8460	-0.023	3434.735	979418.468	-44.450	59.970	-21.745	-6.225	194.330
483197.1	6487996.2	8800	8320	-0.092	3438.599	979422.332	-40.296	53.284	-19.321	-6.333	172.665
483798.5	6489200.7	8920	8380	-0.014	3440.025	979423.758	-37.992	51.353	-18.621	-5.260	166.407
484197.2	6489200.9	8920	8420	-0.018	3442.053	979425.786	-35.965	48.450	-17.568	-5.083	156.998
484196.5	6489599.9	8960	8420	-0.010	3442.100	979425.833	-35.627	47.218	-17.122	-5.530	153.008
D83											
478014.9	6483435.0	0	304	+0.000	3437.319	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478014.9	6483435.0	0	304	+0.001	3437.319	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478014.9	6483435.0	0	304	-0.011	3437.318	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478014.9	6483435.0	0	304	+0.010	3437.329	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478800.5	6481599.1	8160	7880	-0.010	3444.623	979428.309	-38.980	37.927	-13.752	-14.806	122.899
479203.0	6481598.2	8160	7920	-0.010	3444.544	979428.230	-39.061	41.284	-14.970	-12.747	133.777
479603.7	6481601.0	8160	7960	-0.010	3442.007	979425.693	-41.596	47.253	-17.134	-11.478	153.119
480000.0	6481601.2	8160	8000	-0.010	3441.333	979425.019	-42.271	50.436	-18.288	-10.123	163.434
480402.7	6481600.0	8160	8040	-0.010	3440.809	979424.495	-42.796	52.609	-19.076	-9.264	170.475
480804.0	6481601.6	8160	8080	-0.010	3443.250	979426.936	-40.355	49.235	-17.853	-8.972	159.543
481203.0	6481599.3	8160	8120	-0.010	3443.905	979427.591	-39.702	47.256	-17.135	-9.581	153.130
481600.7	6481606.8	8160	8160	-0.010	3445.143	979428.829	-38.459	44.483	-16.130	-10.106	144.144
482003.8	6481599.3	8160	8200	-0.009	3445.299	979428.985	-38.309	42.996	-15.590	-10.904	139.325
482398.3	6481599.8	8160	8240	-0.009	3443.943	979427.629	-39.665	43.039	-15.606	-12.232	139.465
478801.6	6481997.8	8200	7880	-0.008	3444.346	979428.032	-38.966	38.682	-14.026	-14.310	125.348
479200.9	6481999.0	8200	7920	-0.008	3442.532	979426.218	-40.780	44.474	-16.127	-12.432	144.116
479601.9	6481997.1	8200	7960	-0.008	3444.847	979428.533	-38.467	43.734	-15.858	-10.591	141.719
480003.3	6481997.3	8200	8000	-0.008	3445.139	979428.825	-38.176	44.749	-16.226	-9.653	145.005
480398.5	6482002.8	8200	8040	-0.009	3445.588	979429.274	-37.723	45.093	-16.351	-8.981	146.122
480801.3	6481999.3	8200	8080	-0.009	3445.077	979428.763	-38.237	46.002	-16.681	-8.916	149.068
481200.5	6481999.7	8200	8120	-0.009	3445.189	979428.875	-38.125	45.236	-16.403	-9.293	146.583
481598.6	6481999.6	8200	8160	-0.009	3444.346	979428.032	-38.969	44.926	-16.290	-10.334	145.579
482002.8	6481997.8	8200	8200	-0.009	3443.290	979426.976	-40.027	44.680	-16.201	-11.548	144.782
482401.6	6481997.5	8200	8240	-0.009	3441.978	979425.664	-41.340	45.061	-16.339	-12.618	146.019
478000.5	6482406.1	8240	7800	-0.008	3443.073	979426.759	-39.940	38.643	-14.012	-15.309	125.220
479201.6	6482400.0	8240	7920	-0.008	3444.686	979428.372	-38.334	41.549	-15.066	-11.850	134.638
480000.7	6482400.8	8240	8000	-0.007	3444.866	979428.552	-38.154	44.282	-16.057	-9.929	143.493
480399.0	6482405.5	8240	8040	-0.007	3445.345	979429.031	-37.672	43.830	-15.893	-9.735	142.028
480804.1	6482398.5	8240	8080	-0.007	3445.790	979429.476	-37.233	43.383	-15.731	-9.581	140.580
481599.8	6482402.1	8240	8160	-0.007	3442.441	979426.127	-40.580	45.888	-16.639	-11.331	148.697
482000.8	6482393.2	8240	8200	-0.007	3440.526	979424.212	-42.502	47.079	-17.071	-12.494	152.557
482397.3	6482401.7	8240	8240	-0.007	3438.325	979422.011	-44.698	49.492	-17.946	-13.152	160.375
478804.9	6482797.9	8280	7880	-0.005	3443.063	979426.749	-39.665	40.595	-14.720	-13.790	131.546

479202.5	6482798.7	8280	7920	-0.006	3444.243	979427.929	-38.485	41.641	-15.099	-11.944	134.934
479601.4	6482799.3	8280	7960	-0.006	3445.499	979429.185	-37.230	42.894	-15.554	-9.889	138.997
479999.9	6482798.9	8280	8000	-0.006	3445.046	979428.732	-37.683	43.212	-15.669	-10.140	140.026
480400.9	6482802.3	8280	8040	-0.006	3444.277	979427.963	-38.451	44.182	-16.021	-10.289	143.169
480799.1	6482799.2	8280	8080	-0.006	3443.008	979426.694	-39.722	45.025	-16.326	-11.023	145.902
481200.1	6482799.8	8280	8120	-0.006	3441.330	979425.016	-41.400	46.614	-16.902	-11.689	151.050
481600.7	6482800.7	8280	8160	-0.006	3441.541	979425.227	-41.189	45.580	-16.527	-12.137	147.698
482001.7	6482796.8	8280	8200	-0.006	3440.440	979424.126	-42.294	46.345	-16.805	-12.754	150.178
482405.7	6482798.5	8280	8240	-0.007	3440.986	979424.672	-41.747	45.215	-16.395	-12.928	146.515
478801.2	6483199.0	8320	7880	-0.005	3441.485	979425.171	-40.951	42.916	-15.562	-13.596	139.067
479202.6	6483199.4	8320	7920	-0.005	3444.991	979428.677	-37.445	41.207	-14.942	-11.180	133.528
479604.1	6483202.0	8320	7960	-0.005	3442.431	979426.117	-40.004	46.323	-16.797	-10.477	150.108
479997.3	6483196.0	8320	8000	-0.005	3442.361	979426.047	-40.079	45.686	-16.566	-10.959	148.043
480400.8	6483198.2	8320	8040	-0.005	3442.428	979426.114	-40.011	44.673	-16.198	-11.537	144.759
480800.5	6483204.7	8320	8080	-0.004	3438.842	979422.528	-43.592	48.785	-17.690	-12.497	158.084
481199.5	6483198.3	8320	8120	-0.004	3441.590	979425.276	-40.850	45.039	-16.331	-12.142	145.946
481599.5	6483201.0	8320	8160	-0.004	3442.829	979426.515	-39.609	42.988	-15.588	-12.209	139.299
482000.0	6483196.6	8320	8200	-0.004	3442.346	979426.032	-40.096	43.421	-15.745	-12.419	140.704
482403.6	6483198.2	8320	8240	-0.004	3444.206	979427.892	-38.235	40.989	-14.863	-12.109	132.824
478798.5	6483596.0	8360	7880	-0.003	3441.827	979425.513	-40.319	42.222	-15.310	-13.407	136.817
479199.3	6483600.7	8360	7920	-0.003	3443.069	979426.755	-39.074	42.932	-15.567	-11.710	139.118
479598.3	6483599.1	8360	7960	-0.003	3442.659	979426.345	-39.486	44.327	-16.073	-11.232	143.639
480001.1	6483599.0	8360	8000	-0.003	3441.332	979425.018	-40.813	45.307	-16.429	-11.935	146.816
480399.0	6483598.6	8360	8040	-0.003	3443.018	979426.704	-39.128	42.246	-15.319	-12.201	136.896
480798.5	6483600.5	8360	8080	-0.003	3442.027	979425.713	-40.119	43.450	-15.755	-12.424	140.797
481199.8	6483601.0	8360	8120	-0.003	3442.953	979426.639	-39.193	42.251	-15.320	-12.262	136.912
481600.3	6483597.7	8360	8160	-0.003	3443.591	979427.277	-38.558	41.429	-15.022	-12.151	134.248
481998.2	6483601.2	8360	8200	-0.004	3443.942	979427.628	-38.205	40.638	-14.736	-12.302	131.686
482398.7	6483602.0	8360	8240	-0.004	3442.867	979426.553	-39.280	42.152	-15.284	-12.412	136.590

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478014.9	6483435.0	0	304	+0.000	3437.432	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478014.9	6483435.0	0	304	+0.009	3437.432	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478014.9	6483435.0	0	304	+0.227	3437.423	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478014.9	6483435.0	0	304	-0.003	3437.196	979421.004	-44.944	45.992	-16.677	-15.629	149.034
478797.0	6480001.9	8000	7880	+0.208	3444.203	979427.784	-40.672	37.281	-13.518	-16.909	120.807
479199.1	6480002.4	8000	7920	+0.204	3445.012	979428.593	-39.863	36.302	-13.163	-16.724	117.633
479601.4	6480001.4	8000	7960	+0.200	3446.250	979429.831	-38.626	35.532	-12.884	-15.978	115.138
479997.5	6480000.1	8000	8000	+0.197	3447.477	979431.058	-37.401	35.212	-12.768	-14.957	114.103
480400.4	6480001.3	8000	8040	+0.192	3447.664	979431.245	-37.213	36.138	-13.104	-14.179	117.104
480794.1	6480005.8	8000	8080	+0.189	3449.097	979432.678	-35.778	36.290	-13.159	-12.647	117.594
481198.6	6480005.5	8000	8120	+0.185	3449.288	979432.869	-35.587	36.744	-13.324	-12.167	119.068
481597.8	6480005.3	8000	8160	+0.174	3450.324	979433.905	-34.552	36.192	-13.123	-11.483	117.278
481993.8	6479997.2	8000	8200	+0.170	3449.974	979433.555	-34.908	36.269	-13.151	-11.791	117.526
482400.8	6479995.8	8000	8240	+0.167	3446.988	979430.569	-37.896	38.497	-13.959	-13.358	124.748
478795.4	6480404.2	8040	7880	+0.121	3444.713	979428.294	-39.868	36.756	-13.328	-16.439	119.107
479197.0	6480398.3	8040	7920	+0.125	3445.306	979428.887	-39.280	36.520	-13.242	-16.002	118.340
479597.6	6480396.2	8040	7960	+0.128	3446.499	979430.080	-38.089	36.538	-13.249	-14.800	118.398
480004.2	6480399.1	8040	8000	+0.131	3446.475	979430.056	-38.111	39.109	-14.181	-13.184	126.729
480401.2	6480394.3	8040	8040	+0.134	3446.875	979430.456	-37.715	38.713	-14.037	-13.040	125.447
480799.9	6480397.4	8040	8080	+0.137	3448.618	979432.199	-35.971	37.011	-13.420	-12.380	119.933
481200.0	6480397.4	8040	8120	+0.149	3450.310	979433.891	-34.279	36.610	-13.275	-10.944	118.632
481599.2	6480397.7	8040	8160	+0.152	3449.346	979432.927	-35.243	38.122	-13.823	-10.945	123.532
482009.6	6480406.5	8040	8200	+0.157	3449.149	979432.730	-35.435	36.735	-13.320	-12.020	119.039
482396.0	6480394.8	8040	8240	+0.160	3447.901	979431.482	-36.692	37.134	-13.465	-13.023	120.329
479202.4	6480802.5	8080	7920	+0.117	3445.990	979429.571	-38.301	36.877	-13.372	-14.795	119.498
479599.9	6480796.5	8080	7960	+0.114	3444.144	979427.725	-40.152	40.901	-14.831	-14.081	132.538
479997.2	6480800.3	8080	8000	+0.110	3440.694	979424.275	-43.599	48.268	-17.502	-12.834	156.410
480798.2	6480800.6	8080	8080	+0.106	3445.064	979428.645	-39.230	43.466	-15.761	-11.525	140.849
481197.3	6480804.4	8080	8120	+0.103	3449.895	979433.476	-34.397	37.724	-13.679	-10.352	122.241
481603.6	6480803.8	8080	8160	+0.100	3449.930	979433.511	-34.363	37.499	-13.597	-10.461	121.514
482395.9	6480804.9	8080	8240	+0.095	3447.892	979431.473	-36.401	37.177	-13.481	-12.705	120.471
478802.8	6481202.7	8120	7880	+0.065	3443.439	979427.020	-40.559	39.187	-14.209	-15.581	126.984
479200.8	6481194.9	8120	7920	+0.068	3443.834	979427.415	-40.170	40.351	-14.632	-14.451	130.756
479599.5	6481195.4	8120	7960	+0.071	3442.673	979426.254	-41.331	45.002	-16.318	-12.647	145.826
479995.4	6481199.8	8120	8000	+0.074	3437.817	979421.398	-46.185	54.520	-19.769	-11.434	176.670
480394.4	6481197.7	8120	8040	+0.077	3436.146	979419.727	-47.858	58.668	-21.273	-10.463	190.109
480798.8	6481201.6	8120	8080	+0.080	3442.155	979425.736	-41.847	49.380	-17.906	-10.372	160.014
481198.4	6481199.4	8120	8120	+0.083	3446.238	979429.819	-37.766	43.426	-15.746	-10.086	140.719
481596.5	6481199.0	8120	8160	+0.086	3448.922	979432.503	-35.083	39.810	-14.435	-9.708	129.001
481998.0	6481197.8	8120	8200	+0.089	3447.542	979431.123	-36.464	39.806	-14.434	-11.092	128.989
482394.7	6481202.2	8120	8240	+0.091	3445.716	979429.297	-38.287	40.307	-14.615	-12.596	130.612
478800.5	6481599.0	8160	7880	+0.060	3444.700	979428.281	-39.008	37.916	-13.749	-14.841	122.865
478801.7	6481997.8	8200	7880	+0.219	3444.482	979428.063	-38.935	38.679	-14.025	-14.282	125.337

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482176.6	6511310.8	0	305	+0.000	3419.792	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.001	3419.792	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.548	3419.793	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.009	3419.245	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482401.0	6512199.4	5122	4824	+0.512	3418.455	979402.098	-42.912	39.591	-14.356	-17.677	128.291
483198.6	6512201.6	5122	4832	+0.525	3417.616	979401.259	-43.750	39.845	-14.448	-18.353	129.114
482397.2	6513798.7	5138	4824	+0.482	3416.211	979399.854	-43.994	38.097	-13.814	-19.711	123.452
483200.7	6513801.5	5138	4832	+0.468	3412.576	979396.219	-47.628	42.728	-15.493	-20.393	138.458
484000.2	6513799.0	5138	4840	+0.455	3413.727	979397.370	-46.480	41.620	-15.092	-19.951	134.868

484798.4	6513799.3	5138	4848	+0.438	3412.168	979395.811	-48.039	43.691	-15.842	-20.191	141.577
485597.0	6513793.8	5138	4856	+0.425	3411.579	979395.222	-48.633	45.543	-16.514	-19.604	147.579
486397.6	6513799.9	5138	4864	+0.414	3410.486	979394.129	-49.723	47.239	-17.129	-19.613	153.074
487200.8	6513799.8	5138	4872	+0.400	3410.808	979394.451	-49.401	47.366	-17.175	-19.210	153.487
483995.6	6515405.9	5154	4840	+0.328	3411.294	979394.937	-47.746	40.505	-14.687	-21.928	131.253
484803.1	6515402.0	5154	4848	+0.338	3410.156	979393.799	-48.888	42.669	-15.472	-21.690	138.267
485599.9	6515396.0	5154	4856	+0.351	3410.325	979393.968	-48.724	43.719	-15.853	-20.857	141.669
486399.0	6515400.4	5154	4864	+0.367	3407.461	979391.104	-51.585	48.380	-17.543	-20.748	156.771
487198.5	6515400.0	5154	4872	+0.380	3408.996	979392.639	-50.051	47.028	-17.053	-20.076	152.392
480000.1	6517002.5	5170	4800	+0.110	3408.411	979392.054	-49.465	39.001	-14.142	-24.605	126.382
480800.8	6516998.3	5170	4808	+0.096	3408.736	979392.379	-49.144	39.009	-14.145	-24.280	126.406
481599.6	6516999.2	5170	4816	+0.083	3409.803	979393.446	-48.077	41.578	-15.076	-21.576	134.731
483199.6	6516998.6	5170	4832	+0.060	3408.128	979391.771	-49.755	40.864	-14.818	-23.708	132.418
484001.6	6516999.5	5170	4840	+0.049	3408.043	979391.686	-49.840	40.781	-14.787	-23.846	132.148
484001.6	6516999.5	5170	4840	+0.309	3408.032	979391.675	-49.851	40.781	-14.787	-23.857	132.148
484799.4	6517003.2	5170	4848	+0.297	3408.298	979391.941	-49.583	41.468	-15.036	-23.152	134.373
485601.2	6517009.0	5170	4856	+0.287	3407.260	979390.903	-50.618	43.794	-15.880	-22.703	141.913
486392.3	6516996.7	5170	4864	+0.275	3407.427	979391.070	-50.460	45.019	-16.324	-21.765	145.882
487199.7	6516996.5	5170	4872	+0.253	3405.534	979389.177	-52.354	48.356	-17.534	-21.532	156.696
480798.6	6518599.1	5186	4808	+0.128	3405.967	979389.610	-50.751	38.694	-14.031	-26.087	125.387
481600.6	6518600.6	5186	4816	+0.139	3404.801	979388.444	-51.917	41.013	-14.872	-25.775	132.901
482401.2	6518603.4	5186	4824	+0.151	3409.006	979392.649	-47.711	38.203	-13.853	-23.360	123.796
483199.5	6518599.0	5186	4832	+0.164	3403.573	979387.216	-53.148	43.387	-15.732	-25.493	140.594
483998.1	6518599.3	5186	4840	+0.176	3405.954	979389.597	-50.768	40.349	-14.631	-25.050	130.748
484797.4	6518597.1	5186	4848	+0.192	3405.566	979389.209	-51.158	41.723	-15.129	-24.564	135.201
485599.7	6518598.4	5186	4856	+0.205	3405.418	979389.061	-51.306	42.583	-15.441	-24.164	137.987
486399.2	6518598.4	5186	4864	+0.216	3405.444	979389.087	-51.281	44.207	-16.030	-23.103	143.251
487200.9	6518601.1	5186	4872	+0.229	3405.031	979388.674	-51.693	46.535	-16.874	-22.031	150.794

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482176.6	6511310.8	0	305	+0.000	3419.375	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.005	3419.375	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.268	3419.380	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.007	3419.648	979403.436	-42.219	39.624	-14.368	-16.963	128.399
481602.6	6509000.9	5090	4816	-0.234	3422.715	979406.771	-40.562	39.621	-14.367	-15.308	128.388
482399.7	6509001.2	5090	4824	-0.241	3423.522	979407.578	-39.756	39.321	-14.258	-14.693	127.416
483196.7	6509000.7	5090	4832	-0.246	3424.080	979408.136	-39.199	38.071	-13.805	-14.933	123.367
483997.7	6509000.7	5090	4840	-0.251	3423.684	979407.740	-39.596	37.948	-13.760	-15.409	122.967
478404.8	6510599.3	5106	4784	-0.110	3419.331	979403.387	-42.780	40.717	-14.764	-16.827	131.942
479202.7	6510601.9	5106	4792	-0.105	3421.703	979405.759	-40.407	38.009	-13.782	-16.181	123.165
480003.5	6510601.5	5106	4800	-0.100	3421.472	979405.528	-40.640	38.030	-13.790	-16.399	123.235
480795.7	6510602.3	5106	4808	-0.096	3420.401	979404.457	-41.711	39.207	-14.217	-16.721	127.049
481599.1	6510596.8	5106	4816	-0.091	3421.587	979405.643	-40.530	37.957	-13.763	-16.337	122.997
482403.5	6510600.9	5106	4824	-0.086	3419.353	979403.409	-42.762	40.647	-14.739	-16.854	131.714
483202.8	6510600.0	5106	4832	-0.081	3419.581	979403.637	-42.536	39.665	-14.383	-17.253	128.533
484002.2	6510598.0	5106	4840	-0.075	3419.512	979403.568	-42.607	39.608	-14.362	-17.361	128.347
484801.9	6510599.1	5106	4848	-0.070	3416.547	979400.603	-45.572	43.894	-15.916	-17.594	142.237
485600.1	6510600.4	5106	4856	-0.064	3418.517	979402.573	-43.602	43.488	-15.769	-15.883	140.920
486401.9	6510602.1	5106	4864	-0.059	3422.490	979406.546	-39.629	37.965	-13.766	-15.430	123.022
487198.9	6510600.1	5106	4872	-0.054	3420.994	979405.050	-41.127	40.545	-14.702	-15.284	131.383
477600.1	6512197.7	5122	4776	-0.117	3415.308	979399.364	-45.640	39.719	-14.402	-20.323	128.708
478400.8	6512202.6	5122	4784	-0.122	3415.945	979400.001	-45.001	40.219	-14.583	-19.366	130.326
479197.2	6512197.9	5122	4792	-0.132	3416.559	979400.615	-44.392	40.320	-14.620	-18.692	130.654
479998.3	6512200.5	5122	4800	-0.138	3416.463	979400.519	-44.487	41.032	-14.878	-18.333	132.962
480798.4	6512201.1	5122	4808	-0.143	3418.412	979402.468	-42.539	39.078	-14.170	-17.630	126.630
484002.7	6512202.0	5122	4840	-0.021	3416.458	979400.514	-44.496	40.253	-14.596	-18.839	130.439
484797.7	6512199.6	5122	4848	-0.028	3413.481	979397.537	-47.476	44.504	-16.137	-19.109	144.212
485597.9	6512202.0	5122	4856	-0.034	3413.687	979397.743	-47.269	45.467	-16.487	-18.288	147.334
486402.7	6512198.2	5122	4864	-0.040	3414.815	979398.871	-46.144	44.417	-16.106	-17.833	143.931
487192.1	6512207.2	5122	4872	-0.047	3415.258	979399.314	-45.695	43.447	-15.754	-18.002	140.789
478396.6	6513798.6	5138	4784	-0.176	3411.843	979395.899	-47.944	40.788	-14.790	-21.945	132.172
479202.9	6513799.4	5138	4792	-0.171	3413.895	979397.951	-45.892	38.975	-14.132	-21.050	126.295
479994.8	6513796.0	5138	4800	-0.165	3413.475	979397.531	-46.316	40.456	-14.669	-20.530	131.095
480798.5	6513800.5	5138	4808	-0.159	3416.138	979400.194	-43.651	37.991	-13.776	-19.436	123.106
479202.1	6515399.3	5154	4792	-0.183	3411.772	979395.828	-46.853	37.843	-13.722	-22.732	122.629
479991.4	6515401.5	5154	4800	-0.187	3410.868	979394.924	-47.757	39.019	-14.148	-22.887	126.438
480798.0	6515403.8	5154	4808	-0.194	3411.805	979395.861	-46.820	39.669	-14.384	-21.535	128.546
482396.6	6515400.8	5154	4824	-0.204	3412.547	979396.603	-46.082	39.409	-14.290	-20.963	127.702
483197.3	6515400.2	5154	4832	-0.210	3412.853	979396.909	-45.777	38.295	-13.886	-21.368	124.094
483994.1	6515400.6	5154	4840	-0.217	3410.883	979394.939	-47.748	40.544	-14.701	-21.905	131.381

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482176.6	6511310.8	0	305	+0.000	3419.911	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.003	3419.911	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.450	3419.908	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.010	3420.358	979403.436	-42.219	39.624	-14.368	-16.963	128.399
478398.3	6505803.3	5058	4784	-0.292	3425.416	979408.944	-40.709	40.034	-14.517	-15.192	129.729
479201.5	6505800.5	5058	4792	-0.267	3426.661	979410.189	-39.468	38.250	-13.870	-15.087	123.948
479998.2	6505801.7	5058	4800	-0.258	3425.333	979408.861	-40.796	39.563	-14.346	-15.578	128.203
480802.2	6505800.4	5058	4808	-0.249	3426.110	979409.638	-40.021	40.328	-14.623	-14.316	130.681
481598.5	6505799.3	5058	4816	-0.240	3427.405	979410.933	-38.728	40.677	-14.749	-12.801	131.810
482402.4	6505802.4	5058	4824	-0.227	3426.719	979410.247	-39.413	42.109	-15.269	-12.573	136.451
483200.1	6505802.5	5058	4832	-0.217	3425.072	979408.600	-41.060	44.041	-15.970	-12.989	142.713
483999.3	6505800.3	5058	4840	-0.206	3424.959	979408.487	-41.176	43.814	-15.887	-13.249	141.977
479201.0	6507399.1	5074	4792	-0.116	3424.013	979407.541	-40.953	38.976	-14.133	-16.110	126.300

480000.7	6507395.7	5074	4800	-0.127	3424.157	979407.685	-40.813	39.951	-14.486	-15.348	129.458
480798.2	6507396.8	5074	4808	-0.137	3425.710	979409.238	-39.260	39.506	-14.325	-14.079	128.016
481599.2	6507398.6	5074	4816	-0.146	3426.323	979409.851	-38.647	39.538	-14.337	-13.446	128.120
482400.0	6507402.8	5074	4824	-0.156	3425.369	979408.897	-39.599	41.206	-14.942	-13.334	133.526
483200.7	6507405.9	5074	4832	-0.167	3423.056	979406.584	-41.911	42.841	-15.534	-14.604	138.824
484000.1	6507398.0	5074	4840	-0.187	3421.635	979405.163	-43.338	44.478	-16.128	-14.988	144.129
477598.8	6509000.2	5090	4776	-0.105	3422.815	979406.343	-40.985	37.798	-13.706	-16.893	122.481
478398.6	6509003.4	5090	4784	-0.097	3423.602	979407.130	-40.197	37.784	-13.701	-16.113	122.438
479199.2	6509003.1	5090	4792	-0.086	3422.391	979405.919	-41.409	39.374	-14.277	-16.312	127.590
480002.1	6508998.6	5090	4800	-0.075	3422.014	979405.542	-41.791	40.554	-14.705	-15.942	131.413
480803.7	6508998.9	5090	4808	-0.065	3422.100	979405.628	-41.706	40.051	-14.523	-16.177	129.782
481602.6	6509000.9	5090	4816	-0.055	3423.212	979406.740	-40.593	39.622	-14.367	-15.338	128.393
481569.5	6512200.7	5122	4815	-0.350	3419.167	979402.695	-42.313	39.633	-14.371	-17.051	128.429
481598.0	6512203.6	5122	4816	-0.345	3419.475	979403.003	-42.003	39.146	-14.194	-17.052	126.849
481600.6	6513798.7	5138	4816	-0.371	3417.272	979400.800	-43.047	38.300	-13.888	-18.635	124.109
481597.3	6515399.7	5154	4816	-0.380	3415.099	979398.627	-44.058	38.047	-13.796	-19.806	123.290
481599.5	6516999.2	5170	4816	-0.393	3409.952	979393.480	-48.043	41.576	-15.076	-21.543	134.726
482399.5	6517000.6	5170	4824	-0.405	3408.280	979391.808	-49.715	42.770	-15.509	-22.454	138.593

HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS



JOB 0526

NUCKULLA (Infill) GRAVITY SURVEY

MINOTAUR RESOURCES LTD.

May 2004

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Introduction

A regional GPS gravity survey designated as Nuckulla Gravity Survey has been carried out near Nuckulla Hill and is approximately 30km NW of Lake Everard Station in South Australia. The survey was conducted over 5 days from 28th May 2005 to 1st June 2005 on behalf of Minotaur Exploration Ltd.

The proposed detail gravity survey was comprised of 4 areas.

Area 1 consisted of 21 regional gravity stations in a regular grid comprising 3 E-W trending lines coincident with GDA94 with station intervals of 1000 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 478000E, in the east by 48400E, in the south by 6501000N and in the north by 6505000N. The line lengths are 6000 metres. The completed detail gravity survey comprised of 21 regional gravity stations in 3 lines. All proposed gravity stations were completed. Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

Area 2 consisted of 265 regional gravity stations in a regular grid comprising 23 E-W trending lines coincident with GDA94 with station intervals of 400 metres. The lines of irregular length were bounded in the west by GDA94 Zone 53 477600E, in the east by 483200E, in the south by 6509800N and in the north by 6518600N. The line lengths are 5600 metres and 3600 metres. The completed regional gravity survey comprised of 265 detail gravity stations in 23 lines.

Area 3 consisted of 64 regional gravity stations in a regular grid comprising 8 E-W trending lines coincident with GDA94 with station intervals of 400 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 484800E, in the east by 487600E, in the south by 6509400N and in the north by 6512200N. The line lengths are 2800 metres. The completed detail gravity survey comprised of 64 regional gravity stations in 8 lines.

Area 4 consisted of 273 regional gravity stations in a regular grid comprising 13 E-W trending lines coincident with GDA94 with station intervals of 200 metres. The lines of regular length were bounded in the west by GDA94 Zone 53 480000E, in the east by 484000E, in the south by 6505000N and in the north by 6509800N. The line lengths are 4000 metres. The completed regional gravity survey comprised of 273 regional gravity stations in 13 lines.

All proposed gravity stations were completed. Note; some of the stations may have been slightly offset from their planned position due to vegetation and terrain.

There were 28 observations repeated for quality control purposes, giving a repeat percentage of 4.6%.

The Bouguer anomaly processing has been performed using a country rock density of 2.67 g/cc.

Figure 1 shows the location of the survey area.

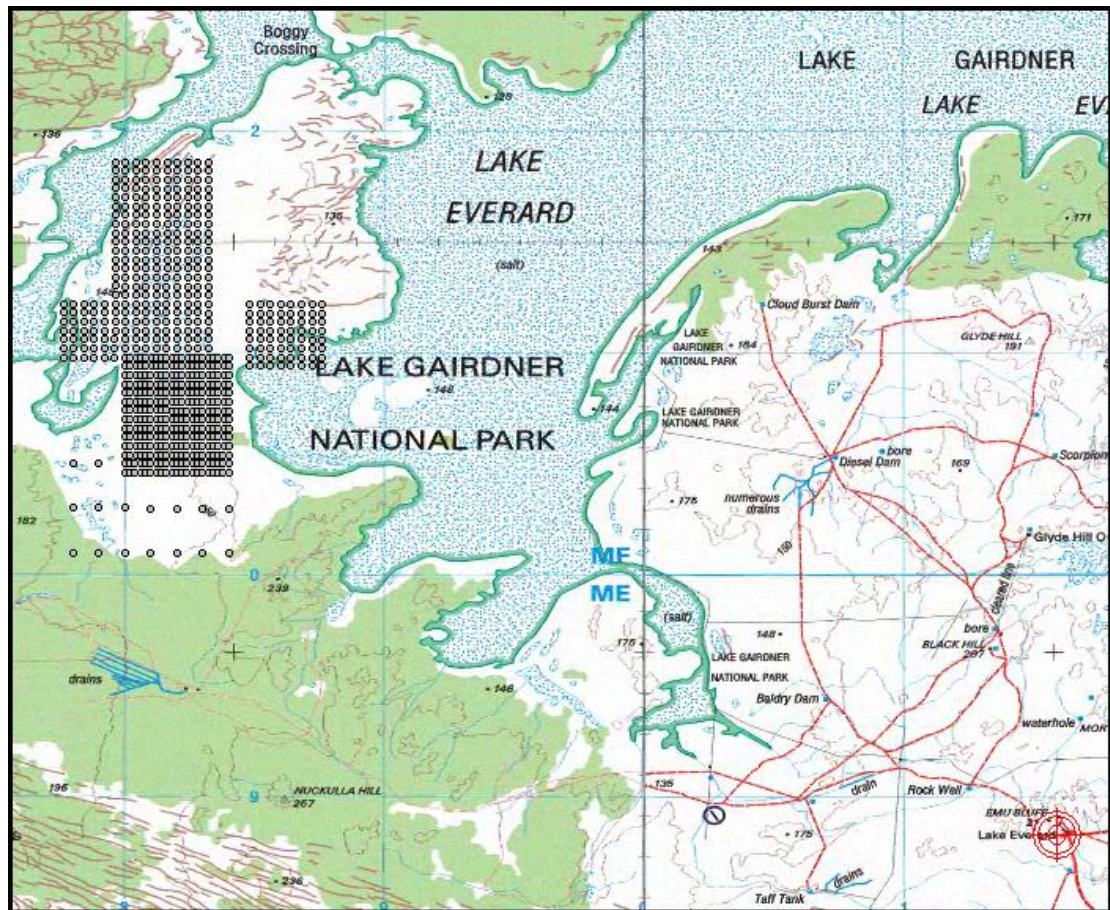


Figure 1. Location Diagram

Survey and Gravity Datum

Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)
 Map Grid of Australia 1994 (MGA94)
 Zone 53
 Vertical Datum: Australian Height Datum (AHD)
 Gravity Datum: Isogal 1984 / IGSN 71

Survey and Gravity Base Stations

A base station was previously established in the survey area. It was placed on a hill to provide good VHF radio coverage for the RTK system. The base was designated as 2005.0305. The actual base is marked with a short star picket driven flush with the natural surface. The base is witnessed by a long star picket within 0.3m of the ground mark standing about 1m tall. Two aluminum tags are attached with the inscription "Haines Surveys" and "Gravity 2005.0305".

Sub-bases were located within 5 minutes drive of the main bases to provide a backup base station to the main base in case loop ties to the main base were poor. They are not marked but the approximate coordinates (+/- 10m) listed in the table define their location.

Survey Control

Horizontal control has been established from survey mark HS 2005.0305 using the Static GPS technique.

Since GDA94 and WGS84 (Global Positioning System Datum) are virtually equivalent the GDA94 values can be directly input into the GPS processing software for all calculations.

Vertical control has been established from survey mark HS 2005.0305 using the Static GPS technique. The Australian Height Datum (AHD) height for this mark has been held fixed and the GDA94 height has been determined using the AUSGEOID98 gravimetric geoid.

Gravity Control

Gravity control for base station 2005.0305 was established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using A-B-A ties from HS 2004.4101. The values for HS 2004.4101 were attained from a previous Haines survey (see 0401_Labyrinth report July 2004). A-B-A ties were made over several days to within 0.01 milligals.

Survey And Gravity Control Values

Control information (***WGS84 heights have been derived using AusGeoid98***):

NUCKULLA 2005 SURVEY/GRAVITY CONTROL

Station	GDA94 (WGS84)			MGA Zone 53		AHD	Isogal84
	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mgal
2005.0305	-31 31 58.79180	134 48 44.09800	125.230	482176.646	6511310.811	128.399	979403.436
2004.4101	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	979428.858

GPS Observations and Processing

Carrier phase GPS data has been collected using *Trimble 4000* series Geodetic receivers.

Measurements for post processed observations have been made using Static techniques with baselines processed to double difference fixed solutions resulting in horizontal and vertical precision of approximately 2 cm.

Static baseline processing has been completed using Trimble GPSurvey version 2.30 software.

Measurements for detail gravity observations have been made using Real Time Kinematic (RTK) techniques giving horizontal and vertical precisions of at least 5 cm.

RTK processing has been completed using Trimble TDC1 firmware and RTK processing using Trimble Geomatics Office Version 1.01 software.

Gravity Observations

Gravity measurements have been made using a *Scintrex CG3 Autograv* instrument. Instrument numbers 601307 and 908474 were used in this project.

Readings of 120 seconds were taken at base station. Readings of 40 seconds were taken at all other gravity survey points. Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

The CG3 instrument applies an instrument drift correction to its final gravity reading. Any residual drifts between base station readings are corrected by the gravity post processing software. The instrument also applies Earth Tide Correction to its final gravity reading at each station. The instrument calibration constants are contained in the daily gravity data files.

Point Numbering and Marking

An 8 digit point number is used to identify each gravity station. The first 4 digits indicate the line number. The second 4 digits indicate the station number

The 8 digit West-East line point numbers are constructed from the planned GDA coordinates for each gravity station using

$$\text{Line No} = (\text{MGA N} - 6000000) / 100$$

$$\text{Stn No} = (\text{MGA E} - 400000) / 10$$

eg. Planned gravity station GDA coordinates

6489600.000N

484600.000E

Line No = 4896

Station No = 8460

ie, Pt No = 48968460

The gravity stations have not been marked in the field.

Gravity Processing

The gravity values for this survey are related to the *Australian Gravity Base Station Network* using the *Isogal84 (IGSN 71)* values at known Gravity Stations as provided by *DMR*.

Note that all gravity values shown in these surveys are expressed in units of milligals.

The field gravity observations have been processed using standard formulae and constants to produce a Bouguer Anomaly for each gravity station.

The meter reading as recorded in the raw Scintrex data file is corrected for instrument tilts, meter drift and Earth Tide. Post processing corrections are detailed below.

Drift

The residual drift between base station readings is calculated for each station reading proportionately by time. This is the drift value shown in the processing output.

$$\text{Drift} = [(t_1 - t_n) ((b_2 - b_1) / (t_2 - t_1))]$$

- t_n = time of meter reading at each station
 b_1 = base meter reading prior to station reading
 t_1 = time of base reading b_1
 b_2 = base meter reading after station reading
 t_2 = time of base reading b_2

Obs mgal

This is the observed gravity value in milligals.

$$\text{Obs} = b_g + (r_n - \text{drift}) - b_1$$

- b_g = base stn gravity value (Isogal84)
 r_n = meter reading at each station as shown in the CG3 .dat file
 drift = residual drift correction as shown above
 b_1 = base meter reading prior to station reading

Anom

This is the difference between the observed gravity and the theoretical gravity value at each station. The theoretical value is calculated using the *1967 International Gravity Formula*.

$$\text{Anom} = \text{Obs} - g_{th}$$

$$\begin{aligned}
 \text{Obs} &= \text{observed gravity as explained above} \\
 g_{th} &= 978031.8 (1 + 0.0053024 \sin^2 \phi - 0.0000059 \sin^2 2\phi) \\
 \phi &= \text{WGS84 Latitude}
 \end{aligned}$$

Freeair corrn

The freeair correction is calculated using

$$\begin{aligned}
 \text{Freeair corrn} &= 0.3086 H \\
 H &= \text{height above sea level (AHD height)}
 \end{aligned}$$

Bouguer corrn

$$\begin{aligned}
 \text{Bouguer corrn} &= -0.04191 \rho H \\
 \rho &= \text{density (2.67 g/cc used for this survey)} \\
 H &= \text{height above sea level (AHD height)}
 \end{aligned}$$

Bouguer Anom

$$\text{Bouguer Anom} = \text{Anom} + \text{Freeair corrn} + \text{Bouguer corrn}$$

Results Formats

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included in the Appendix of this report. Results are also supplied in digital form on Compact Disc with the following of files being supplied in a separate sub directory called Processed Data.

ALLCSV.CSV REPEATS.REP

Field gravity observation files with the extension .DAT and .DC and summarised GPS baseline solution files with extension .GPS are also supplied in a separate subdirectory named Raw Data.

A digital copy of this report is also on the compact disc in the root Directory

ALLCSV.CSV Format

This is a Comma Separated Variable format file. This format facilitates data import into spreadsheet and database software. Each record (line) contains the following data fields:

Pt Number, Line No, Station No, Date, Day Number, Local Time, WGS Latitude, WGS Longitude, WGS Height, MGA East, MGA North, AHD Height, Meter reading, Meter reading standard deviation, Earth Tide Correction, drift correction, corrected meter reading, gravity difference (mgal) from base, observed gravity (mgals), gravity anomaly, free-air correction, Bouguer correction (2.67), Bouguer anomaly

***.DAT**

These are the raw data files from the *Scintrex* CG3 gravimeter. There is a separate file for each day's data for each field party. The files are identified by the Julian day number (001 = Jan 1st) with the prefix G. eg. G142 = day 142 (21st May).

***.DC**

These are the GPS Real Time Kinematic Data Collector files. They are ASCII format files containing the GPS vectors from the base station. The data is structured in a Trimble format (DC file Version 4).

***.GPS**

These are the GPS solution summaries for all post processed Fast Static baselines with a separate file for each day's solutions. Each record (line) contains the following data fields:

Station, Solution Type, GPS Time, WGS84 Latitude, WGS84 Longitude, WGS84 Height, WGS84 dX, WGS84 dY, WGS84 dZ, Wgs84 dH, Baseline Distance, Solution Reference Variance, Solution RMSE, Rover Antenna Height, Baseline Standard Deviation , Solution Variance Ratio, Observation Count/Rejects, Observation Start time, Observation Finish time

Production Log**Nuckulla Production log**

Date	Day#	Obs	Repeats	Comments
28-May-05	148	79	0	Commence survey,dunes,salt lakes
29-May-05	149	107	6	dunes,salt lakes
30-May-05	150	103	6	dunes,salt lakes
31-May-05	151	157	8	dunes,salt lakes
1-Jun-05	152	163	8	Complete survey
	Total	609	28	

Repeat Observation Results

Pt #	Day	E	N	H	G	Bouguer
51544840	D 85	483,995.628	6,515,405.855	131.253	979,394.937	-21.928
51544840	D 86	483,994.138	6,515,400.631	131.381	979,394.939	-21.905
		+1.490	+5.224	-0.128	-0.002	-0.023
51708000	D 85	480,000.096	6,517,002.503	126.382	979,392.054	-24.605
51708000	D152	480,000.070	6,517,002.483	126.480	979,392.069	-24.571
		+0.026	+0.020	-0.098	-0.015	-0.034
51704816	D 85	481,599.580	6,516,999.233	134.731	979,393.446	-21.576
51704816	D 87	481,599.529	6,516,999.249	134.726	979,393.480	-21.543
		+0.051	-0.016	+0.005	-0.034	-0.033
51704840	D 85	484,001.608	6,516,999.485	132.148	979,391.686	-23.846
51704840	D 85	484,001.608	6,516,999.485	132.148	979,391.675	-23.857
		+0.000	+0.000	+0.000	+0.011	+0.011
51868080	D 85	480,798.648	6,518,599.069	125.387	979,389.610	-26.087
51868080	D152	480,798.647	6,518,599.042	125.460	979,389.640	-26.043
		+0.001	+0.027	-0.073	-0.030	-0.044
51868240	D 85	482,401.167	6,518,603.400	123.796	979,392.649	-23.360
51868240	D152	482,401.171	6,518,603.349	123.883	979,392.632	-23.360
		-0.004	+0.051	-0.087	+0.017	+0.000
51868320	D 85	483,199.546	6,518,598.963	140.594	979,387.216	-25.493
51868320	D152	483,199.495	6,518,599.044	140.678	979,387.187	-25.506
		+0.051	-0.081	-0.084	+0.029	+0.013
51068560	D 86	485,600.095	6,510,600.408	140.920	979,402.573	-15.883
51068560	D151	485,600.098	6,510,600.370	141.011	979,402.593	-15.845
		-0.003	+0.038	-0.091	-0.020	-0.038

51228640	D 86	486,402.711	6,512,198.229	143.931	979,398.871	-17.833
51228640	D151	486,402.792	6,512,198.335	144.047	979,398.869	-17.812
		-0.081	-0.106	-0.116	+0.002	-0.021
50588080	D 87	480,802.218	6,505,800.407	130.681	979,409.938	-13.976
50588080	D148	480,804.919	6,505,807.825	130.824	979,409.929	-13.991
		-2.701	-7.418	-0.143	+0.009	+0.015
50588080	D149	480,802.390	6,505,800.395	130.761	979,409.952	-13.986
		-0.172	+0.012	-0.080	-0.014	+0.010
50508000	D148	479,997.698	6,505,003.914	127.475	979,410.175	-14.988
50508000	D149	479,998.083	6,505,003.989	127.467	979,410.209	-14.955
		-0.385	-0.075	+0.008	-0.034	-0.033
50508020	D148	480,191.967	6,505,001.977	128.528	979,410.022	-14.935
50508020	D149	480,191.064	6,505,001.601	128.515	979,410.037	-14.923
		+0.903	+0.376	+0.013	-0.015	-0.012
50588000	D148	479,994.732	6,505,797.936	128.096	979,409.277	-15.186
50588000	D149	479,994.645	6,505,797.987	128.067	979,409.251	-15.218
		+0.087	-0.051	+0.029	+0.026	+0.032
50748060	D149	480,598.671	6,507,398.819	129.261	979,408.904	-14.167
50748060	D150	480,598.562	6,507,399.138	129.267	979,408.927	-14.142
		+0.109	-0.319	-0.006	-0.023	-0.025
50788080	D149	480,803.730	6,507,792.335	127.866	979,408.789	-14.270
50788080	D150	480,803.941	6,507,792.357	127.874	979,408.817	-14.241
		-0.211	-0.022	-0.008	-0.028	-0.029
50828380	D149	483,798.395	6,508,203.101	136.051	979,405.980	-15.174
50828380	D150	483,797.345	6,508,202.550	136.038	979,405.953	-15.204
		+1.050	+0.551	+0.013	+0.027	+0.030
50828400	D149	484,003.941	6,508,203.396	137.818	979,405.458	-15.349
50828400	D150	484,002.979	6,508,204.739	137.747	979,405.438	-15.382
		+0.962	-1.343	+0.071	+0.020	+0.033
50948120	D150	481,199.195	6,509,394.170	129.276	979,405.420	-16.198
50948120	D151	481,199.416	6,509,394.297	129.194	979,405.442	-16.192
		-0.221	-0.127	+0.082	-0.022	-0.006
50948140	D150	481,399.173	6,509,403.223	128.664	979,405.867	-15.865
50948140	D151	481,399.286	6,509,403.201	128.680	979,405.875	-15.854
		-0.113	+0.022	-0.016	-0.008	-0.011
50988000	D150	480,002.260	6,509,794.357	127.187	979,405.571	-16.166
50988000	D151	480,002.180	6,509,793.787	127.121	979,405.547	-16.203
		+0.080	+0.570	+0.066	+0.024	+0.037

```

50988040 D150 480,397.353 6,509,799.372 130.669 979,404.546 -16.503
50988040 D151 480,396.848 6,509,799.219 130.707 979,404.509 -16.532
          +0.505      +0.153 -0.038   +0.037 +0.029

51148200 D151 481,998.312 6,511,399.500 126.948 979,403.433 -17.187
51148200 D152 481,998.395 6,511,399.523 126.921 979,403.399 -17.226
          -0.083      -0.023 +0.027   +0.034 +0.039

51188200 D151 481,999.718 6,511,797.239 129.543 979,402.398 -17.422
51188200 D152 481,999.606 6,511,797.198 129.531 979,402.416 -17.407
          +0.112      +0.041 +0.012   -0.018 -0.015

51228120 D151 481,198.221 6,512,192.448 123.684 979,404.166 -16.519
51228120 D152 481,198.120 6,512,192.523 123.675 979,404.205 -16.481
          +0.101      -0.075 +0.009   -0.039 -0.038

51228240 D151 482,395.517 6,512,200.836 128.465 979,402.128 -17.612
51228240 D152 482,395.567 6,512,200.896 128.430 979,402.121 -17.626
          -0.050      -0.060 +0.035   +0.007 +0.014

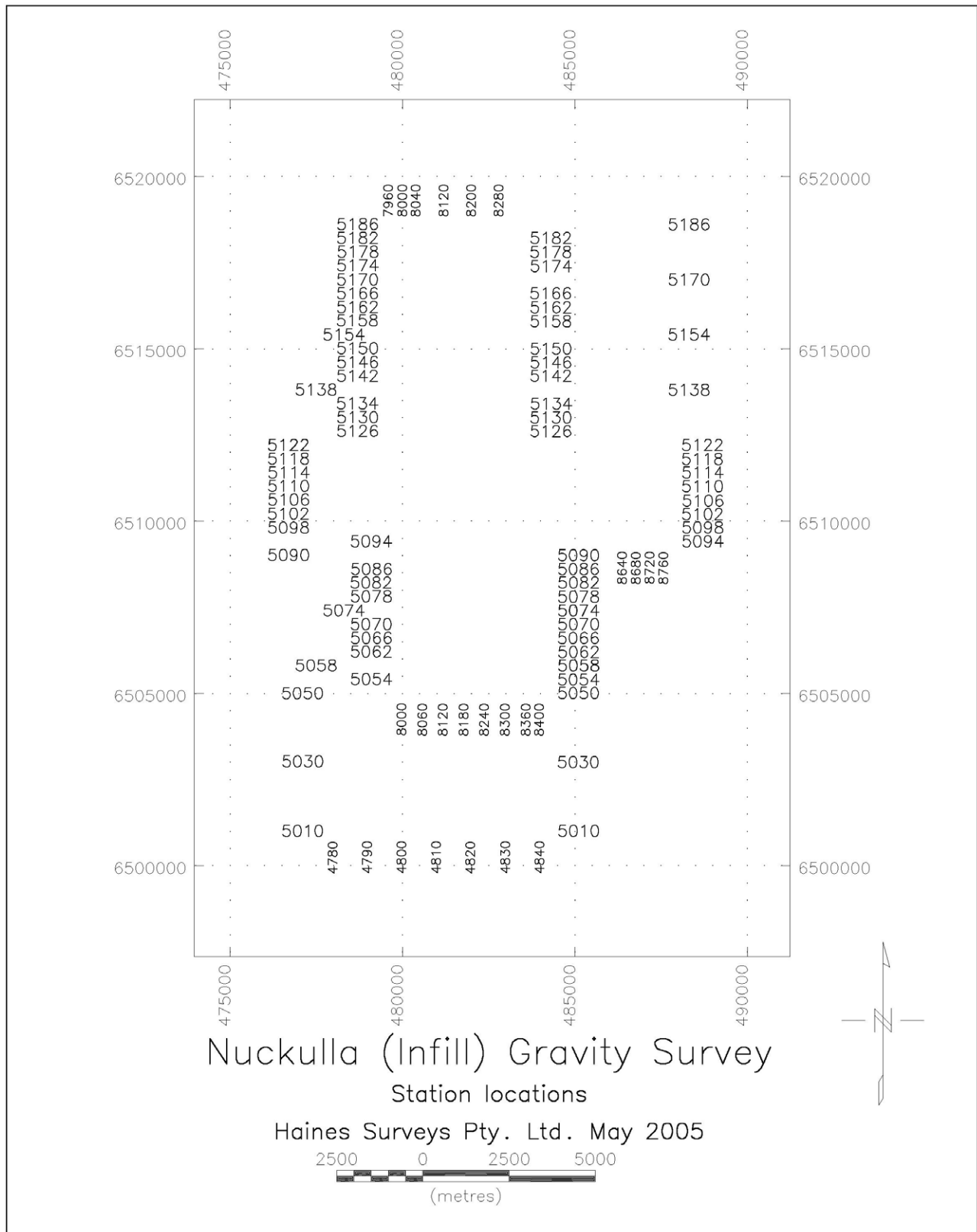
51268120 D151 481,200.286 6,512,595.624 126.465 979,402.628 -17.217
51268120 D152 481,200.368 6,512,595.558 126.439 979,402.633 -17.217
          -0.082      +0.066 +0.026   -0.005 +0.000

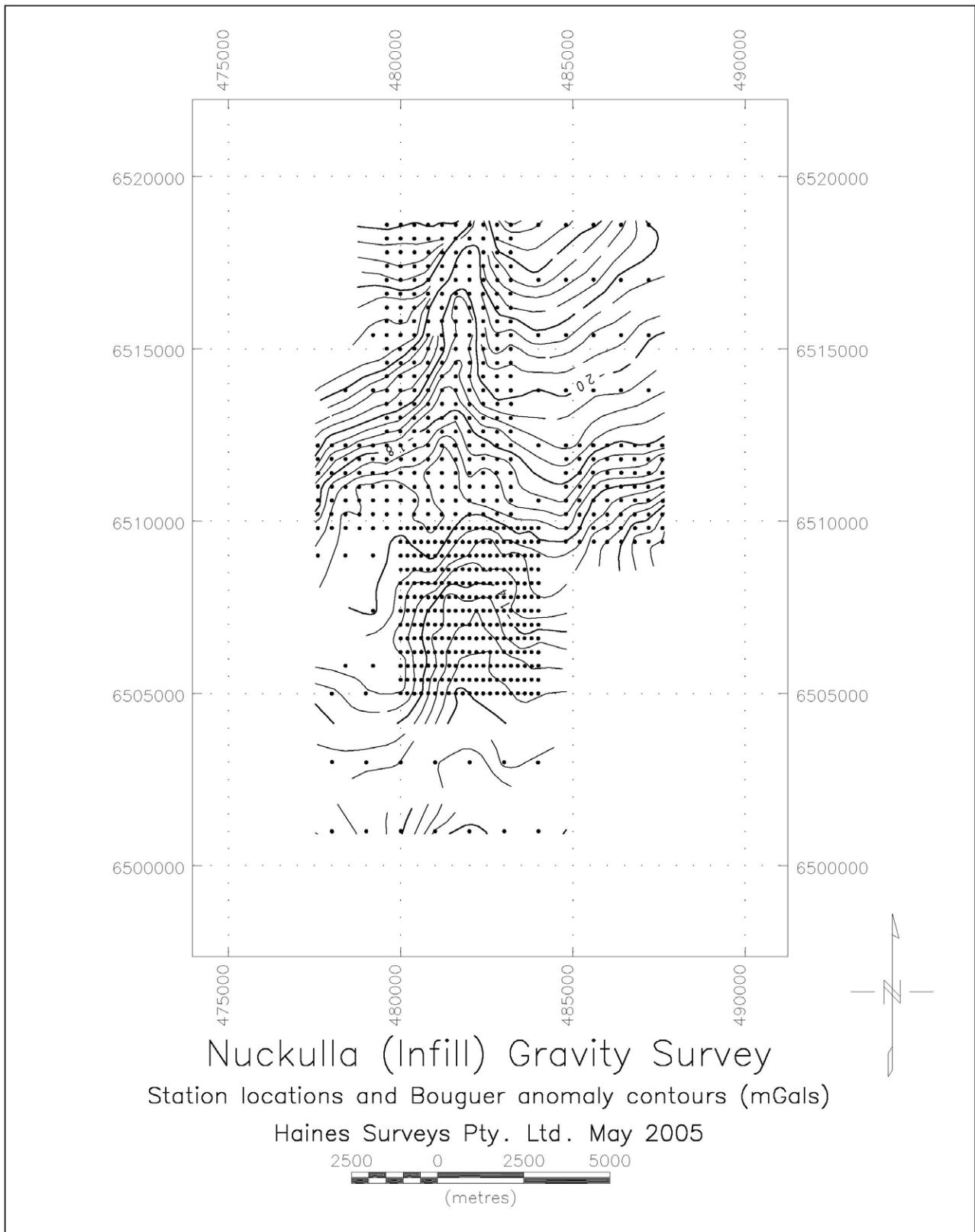
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          +0.000      +0.000 +0.000   +0.005 +0.005

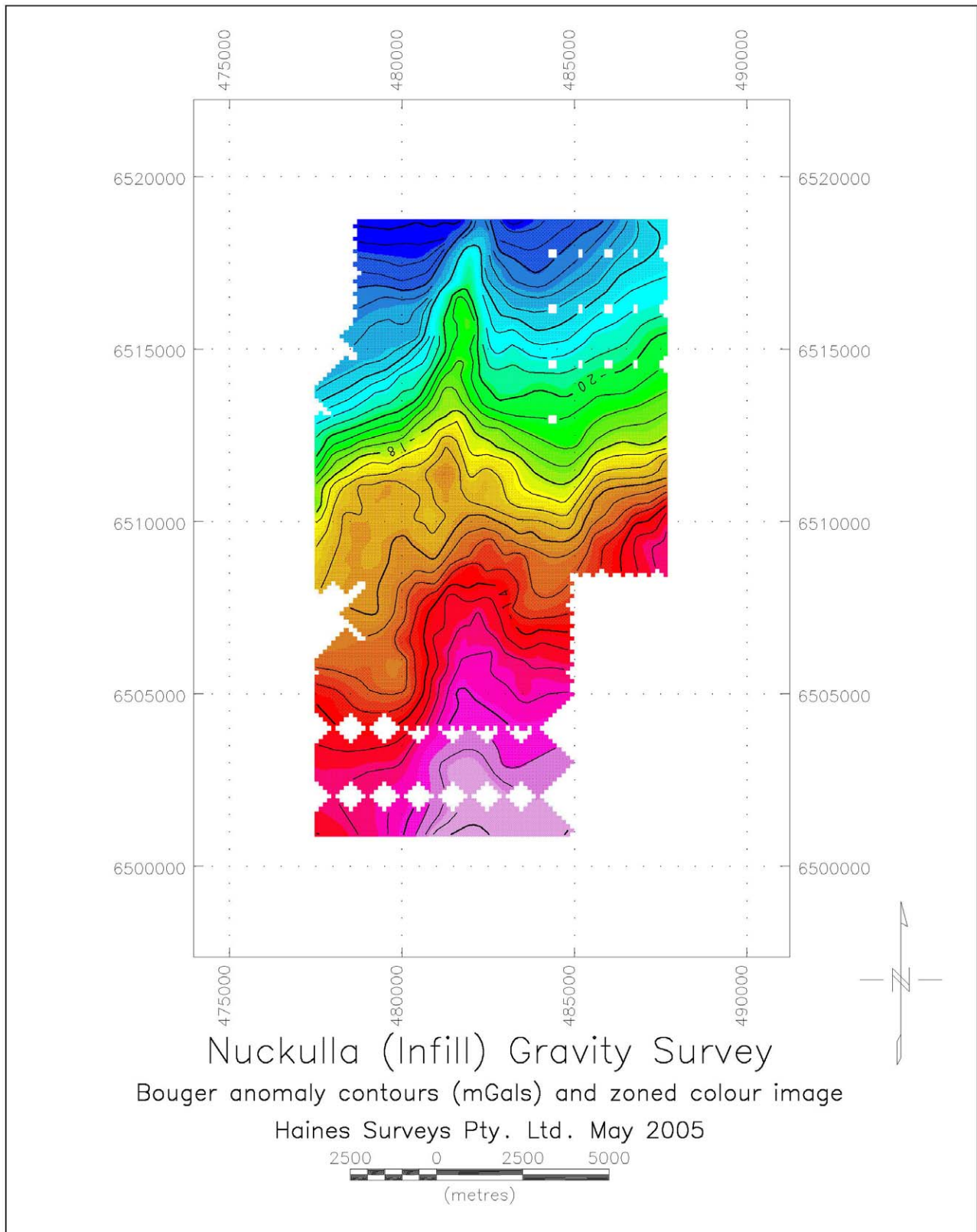
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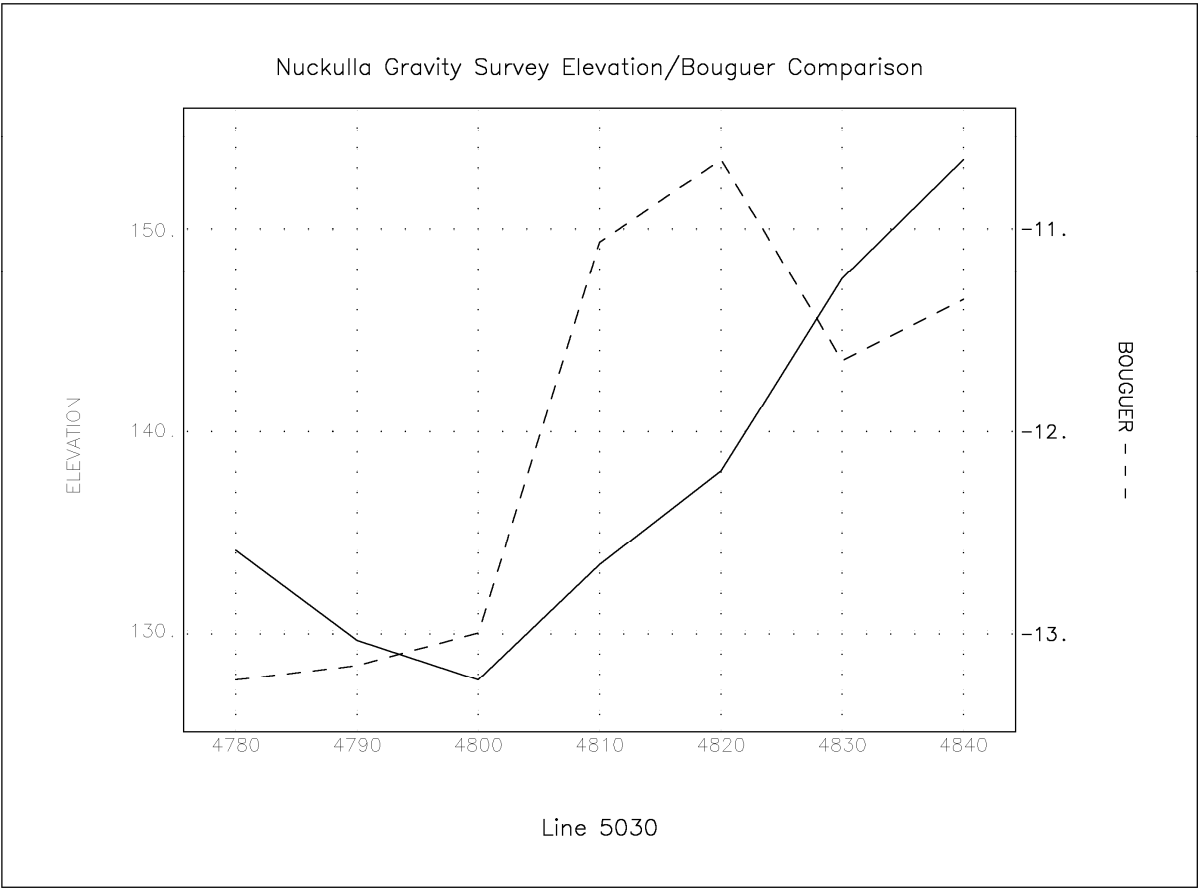
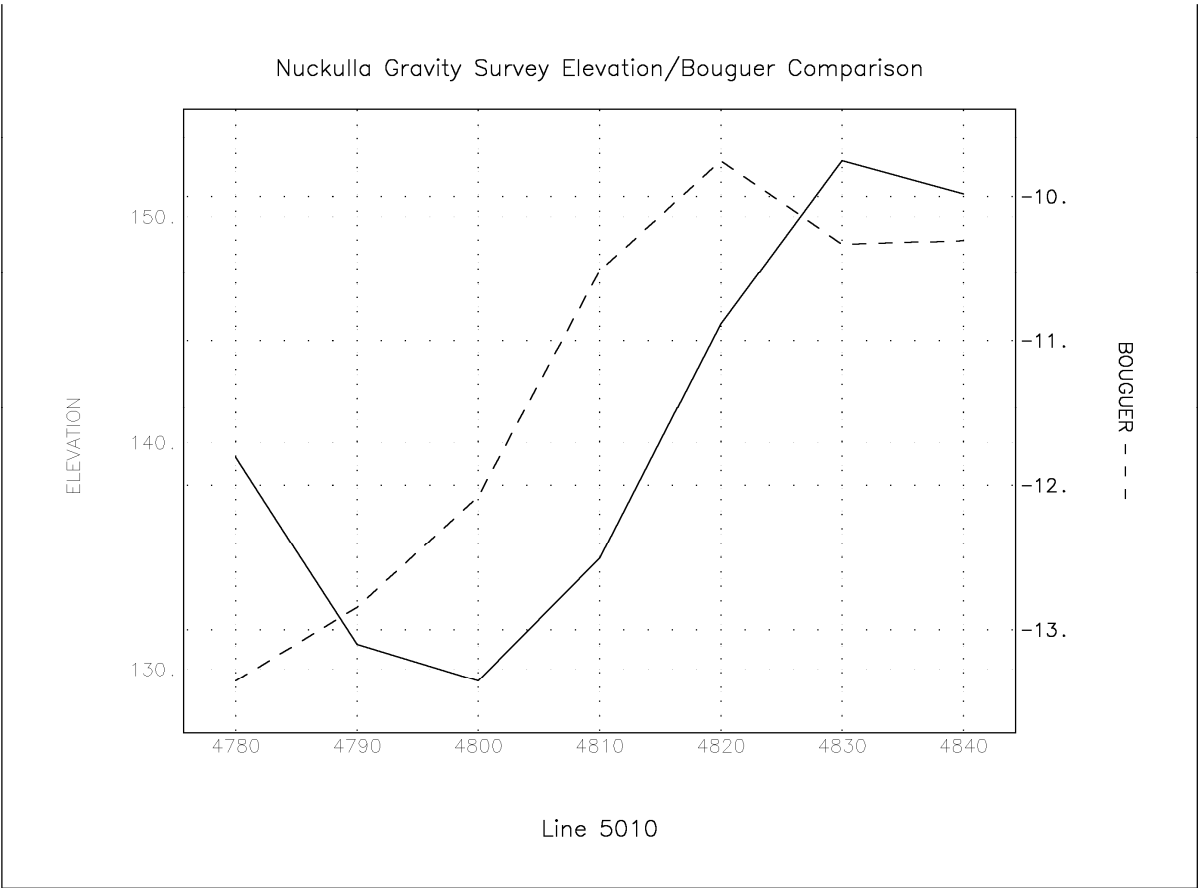
Plots

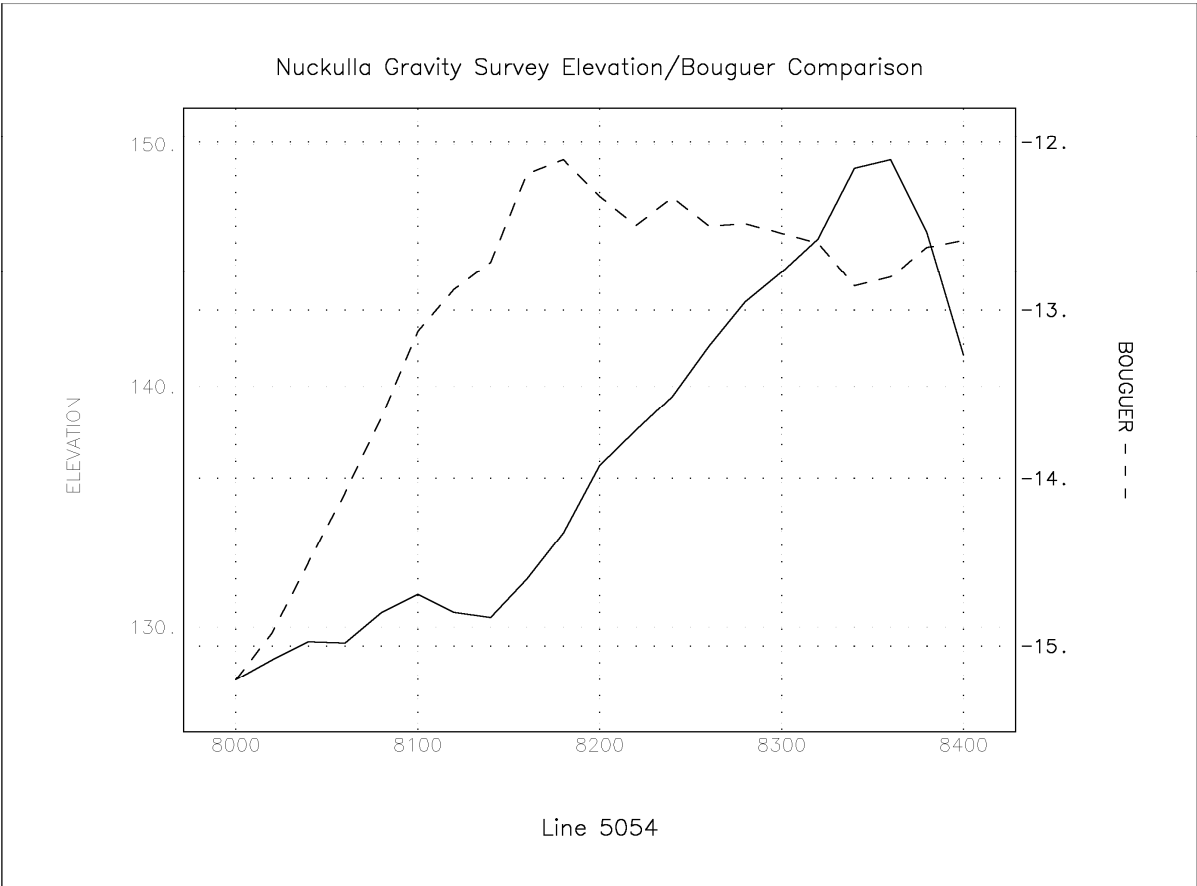
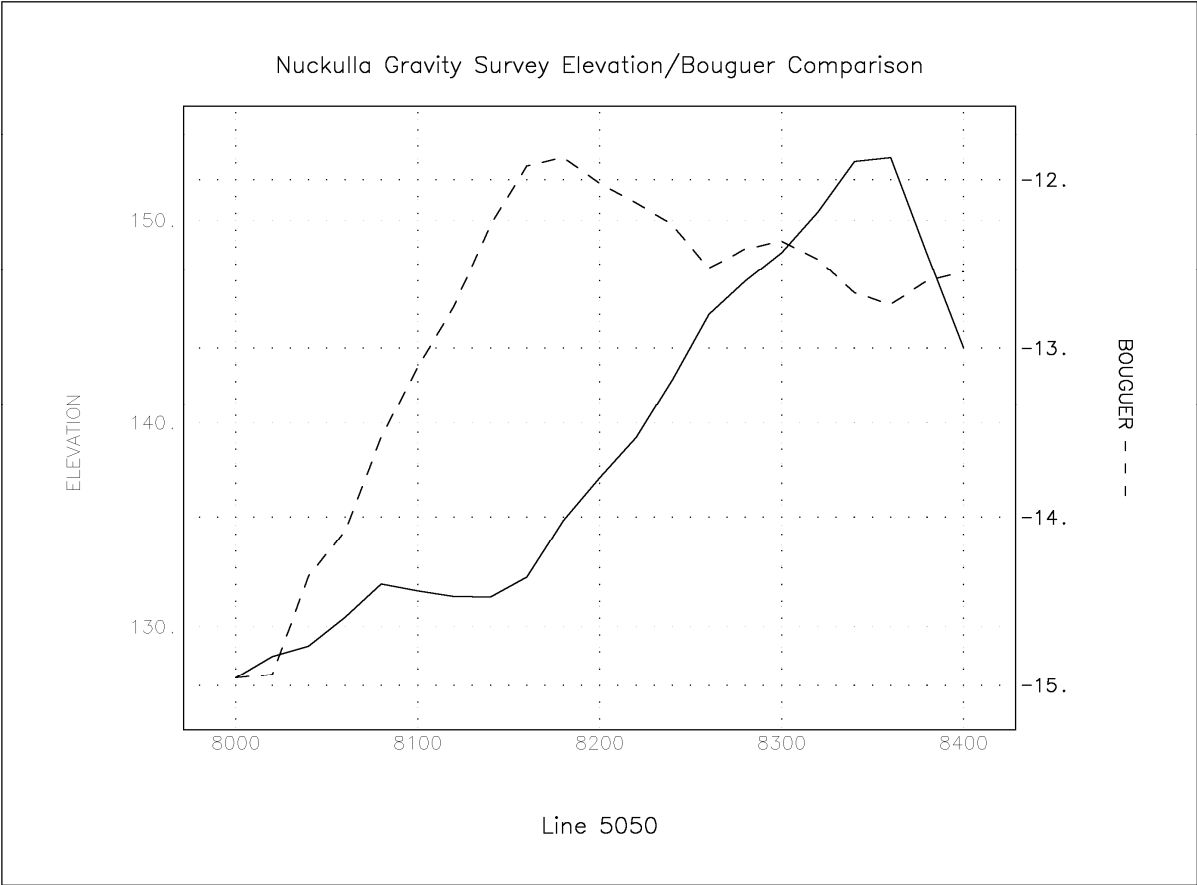
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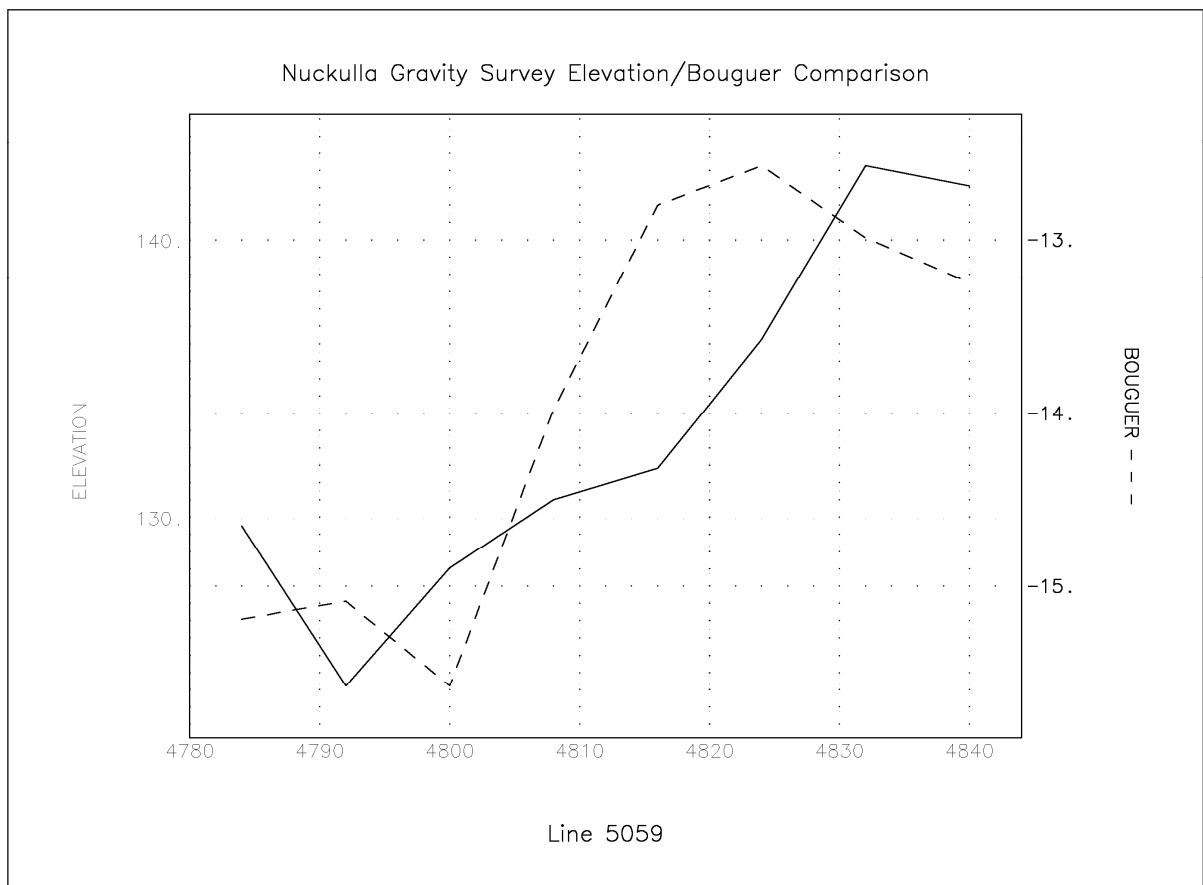
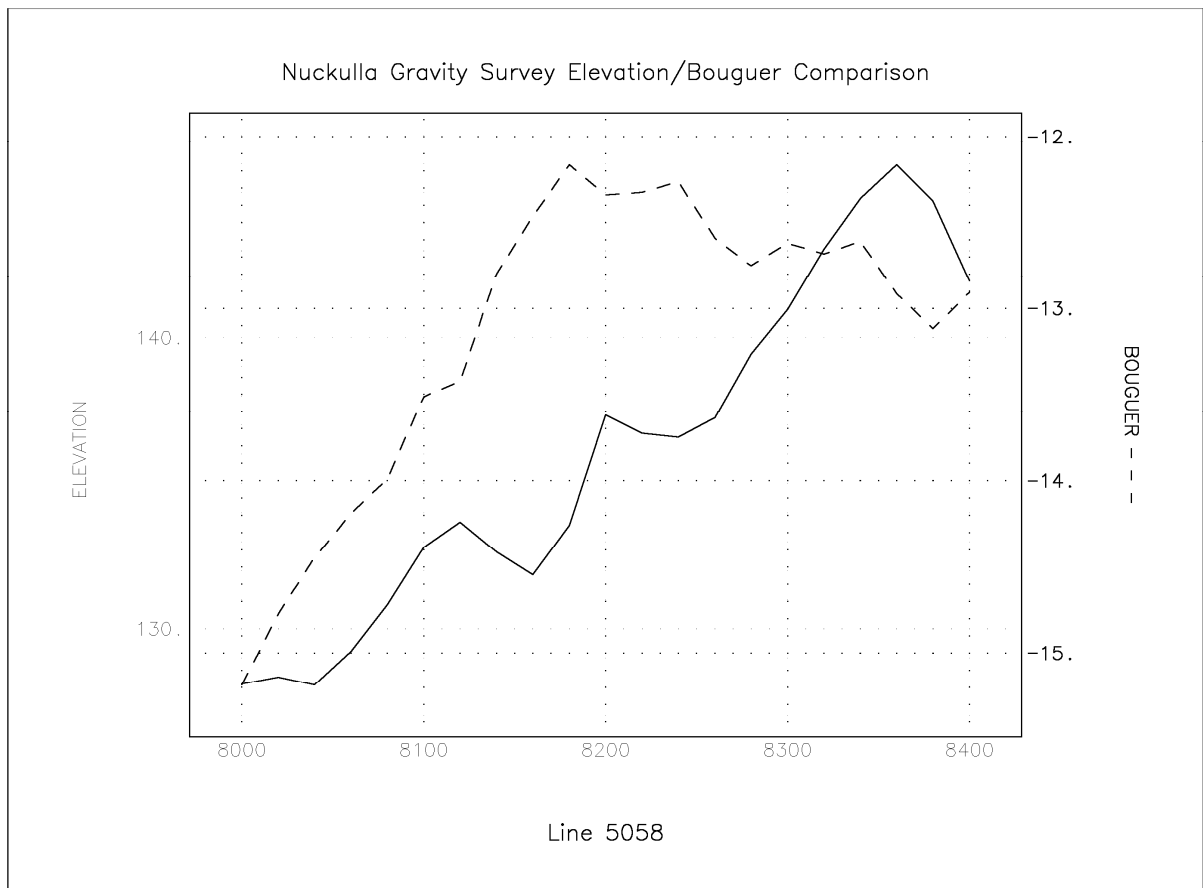


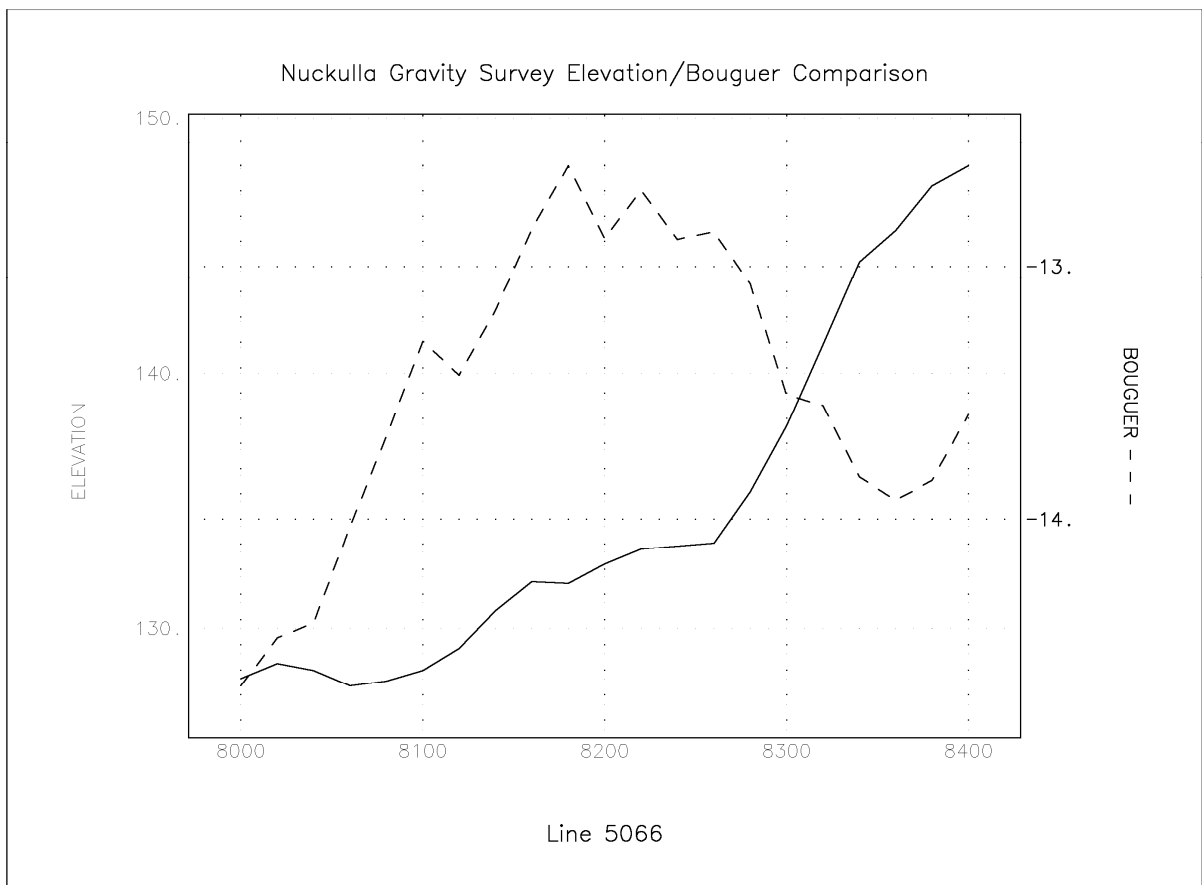
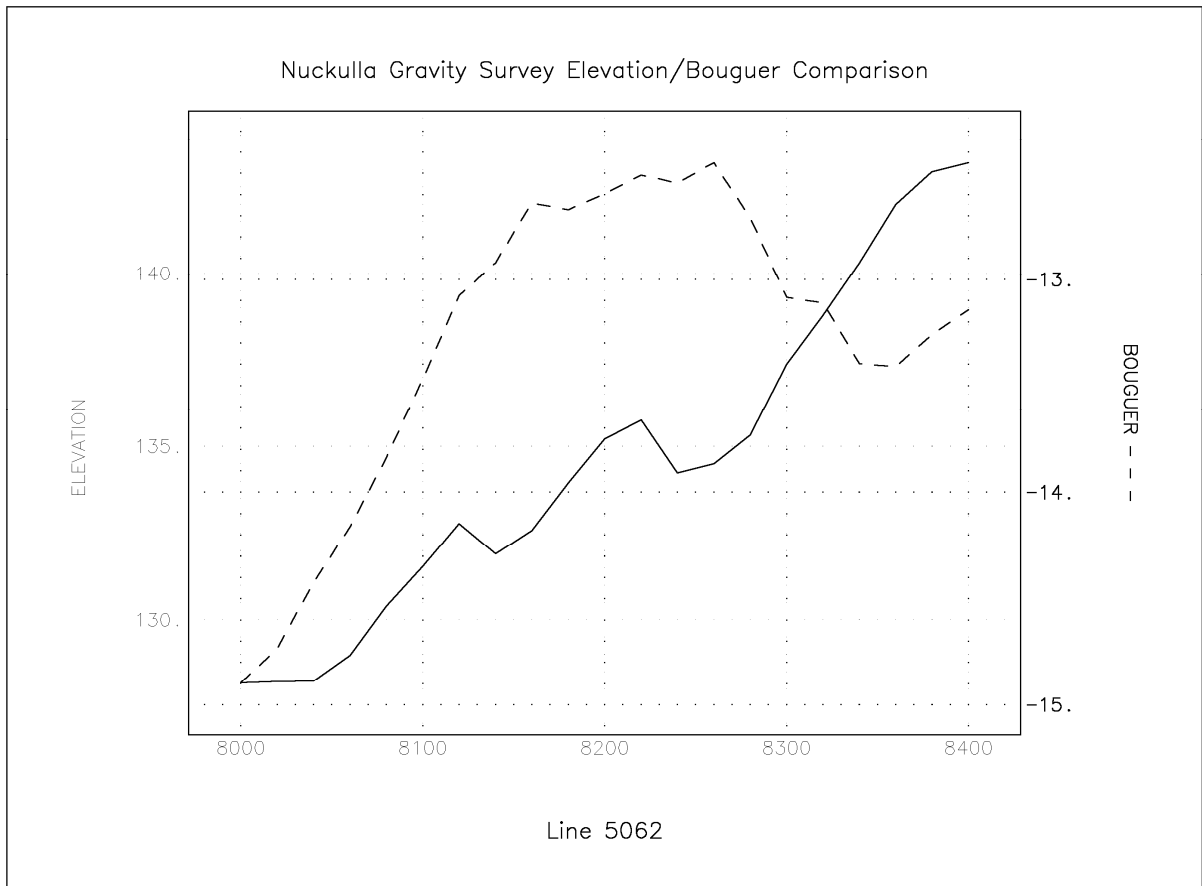


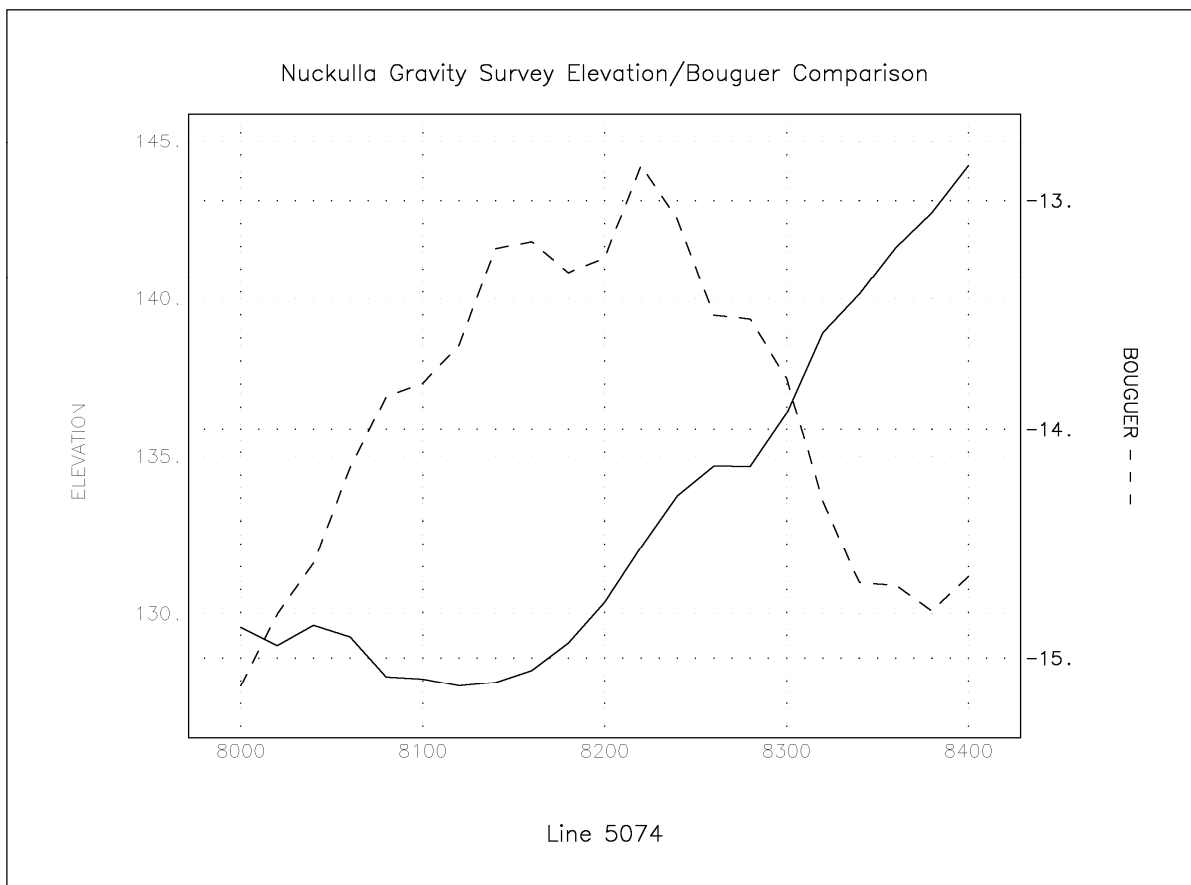
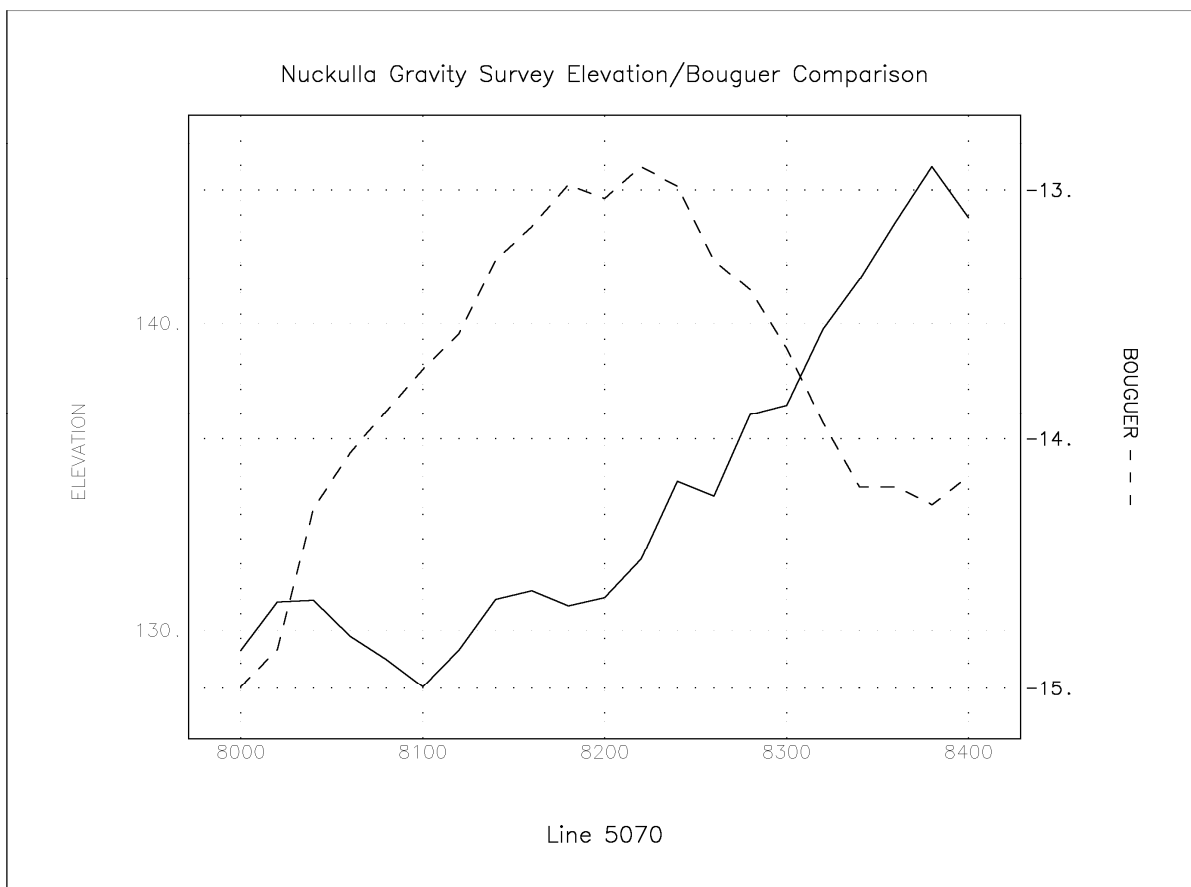


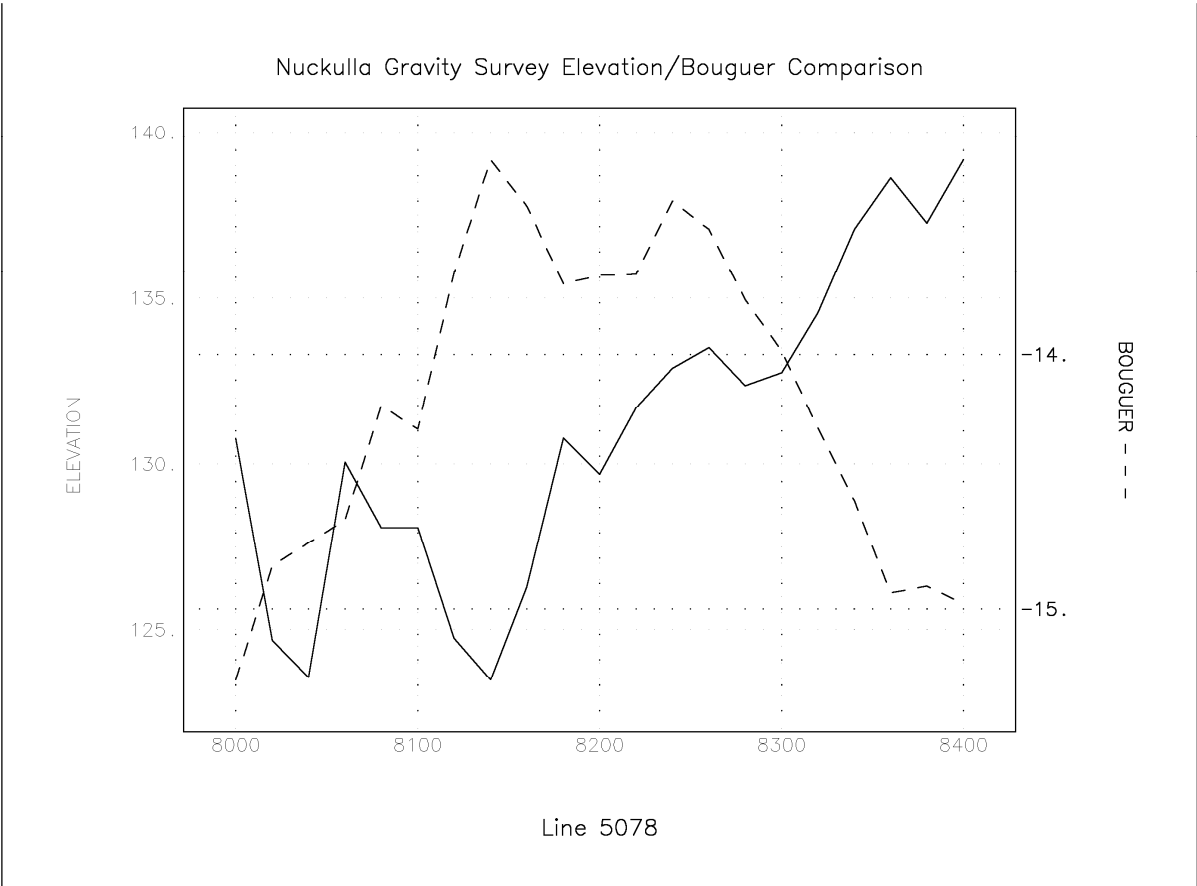
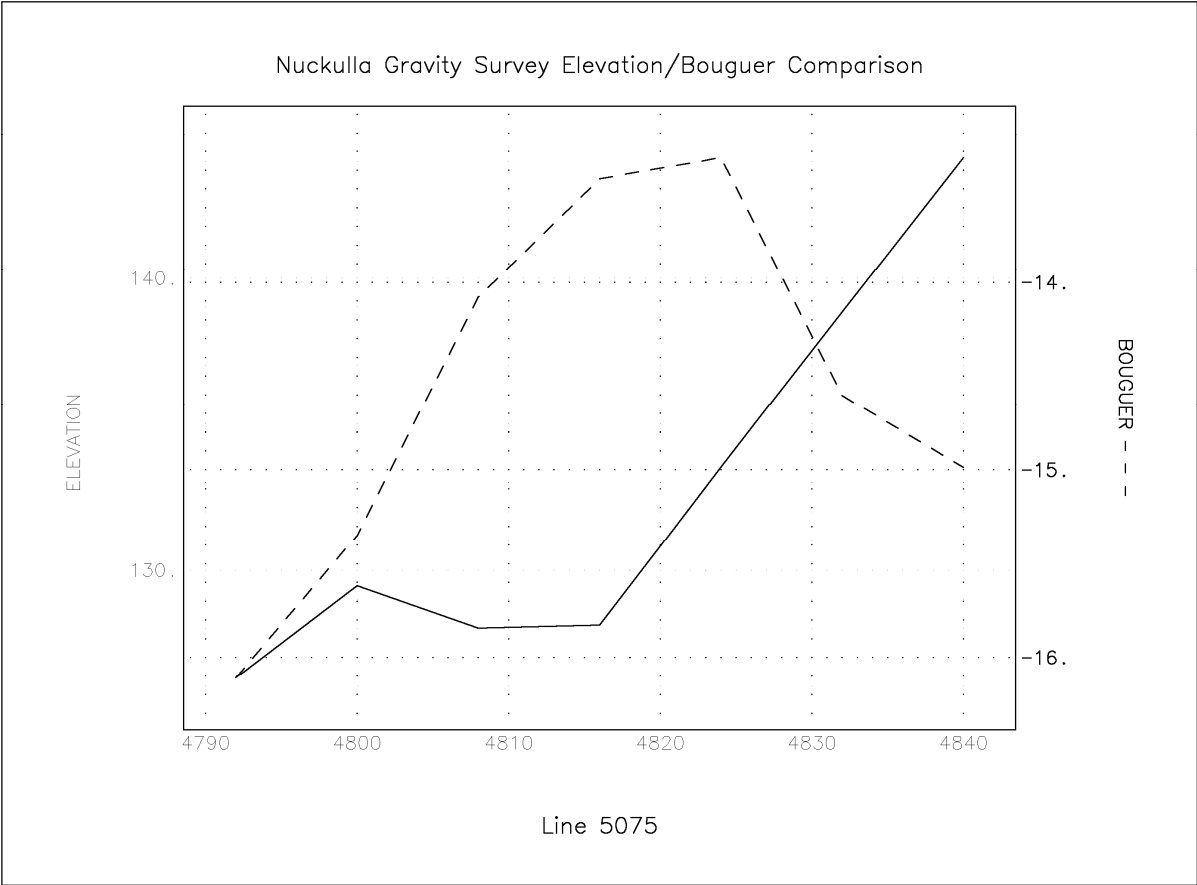


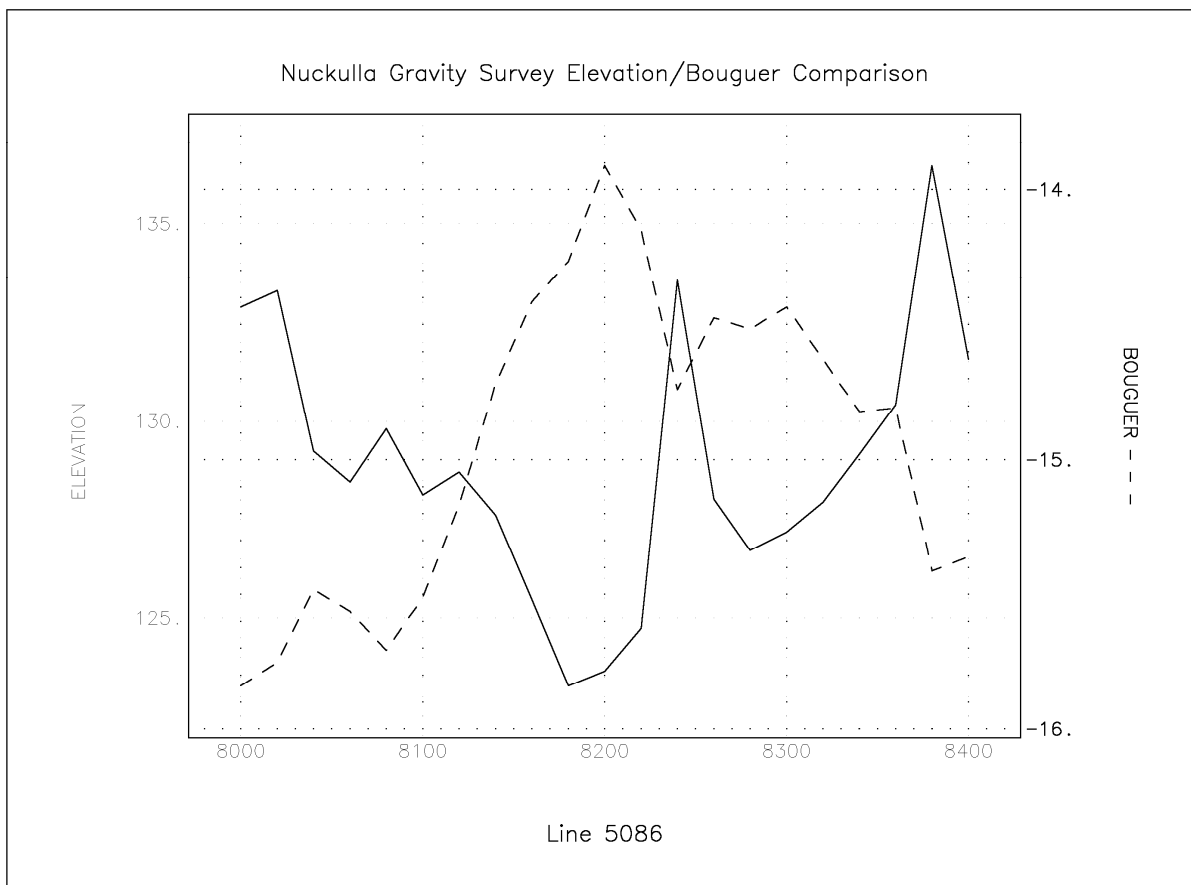
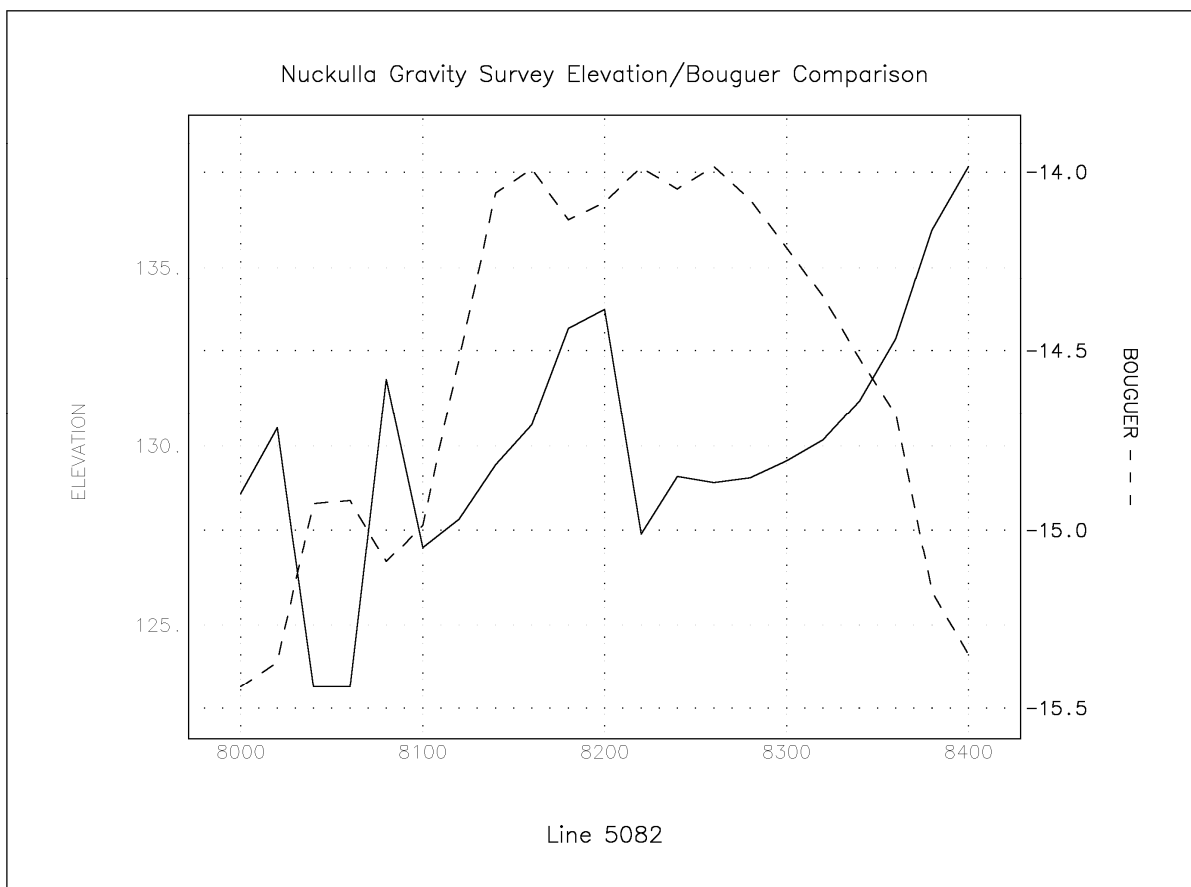


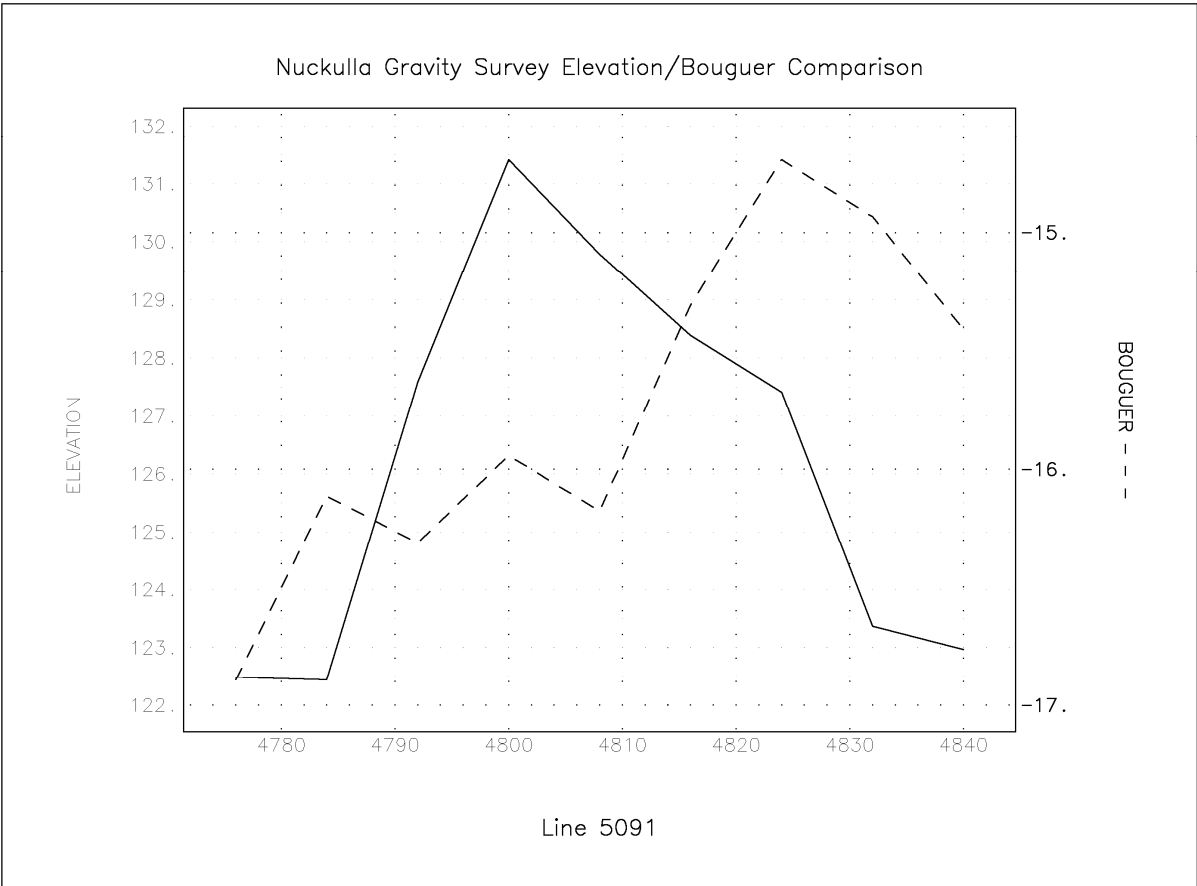
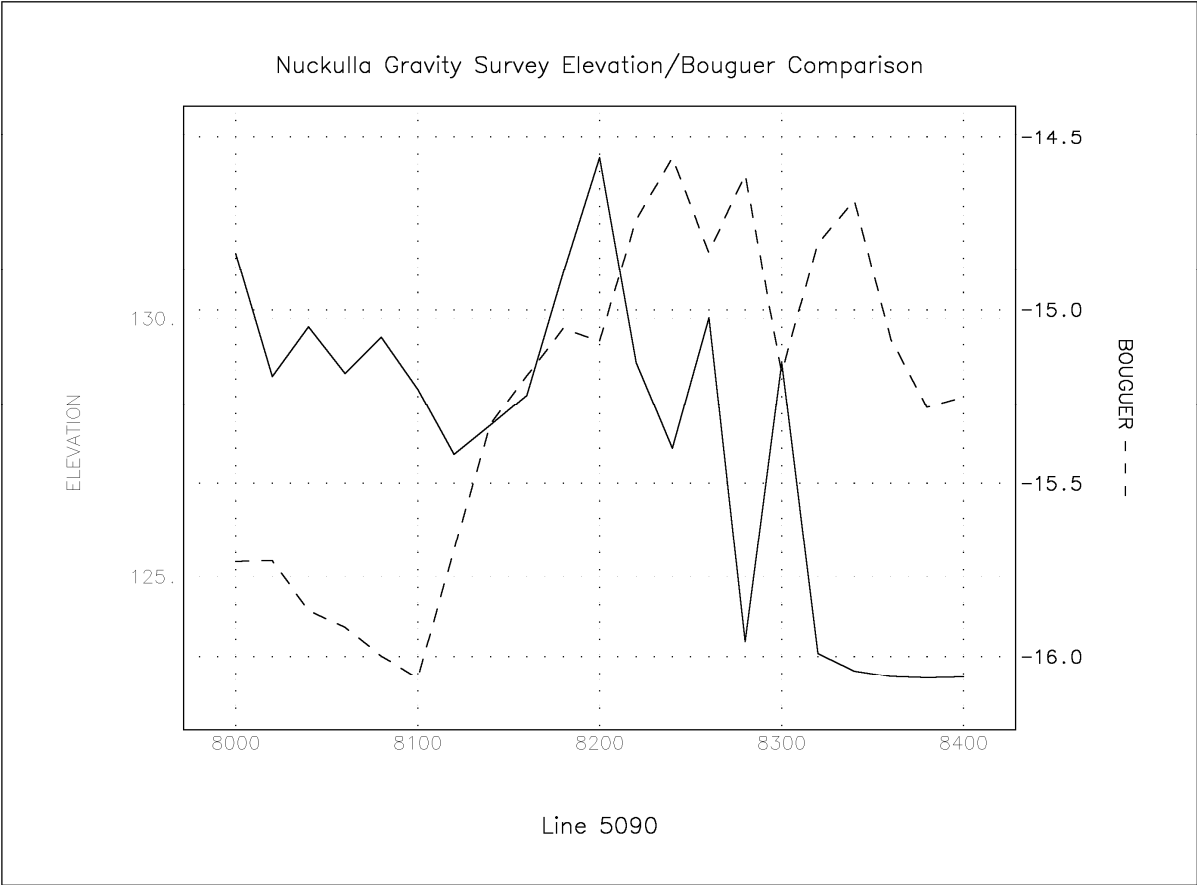


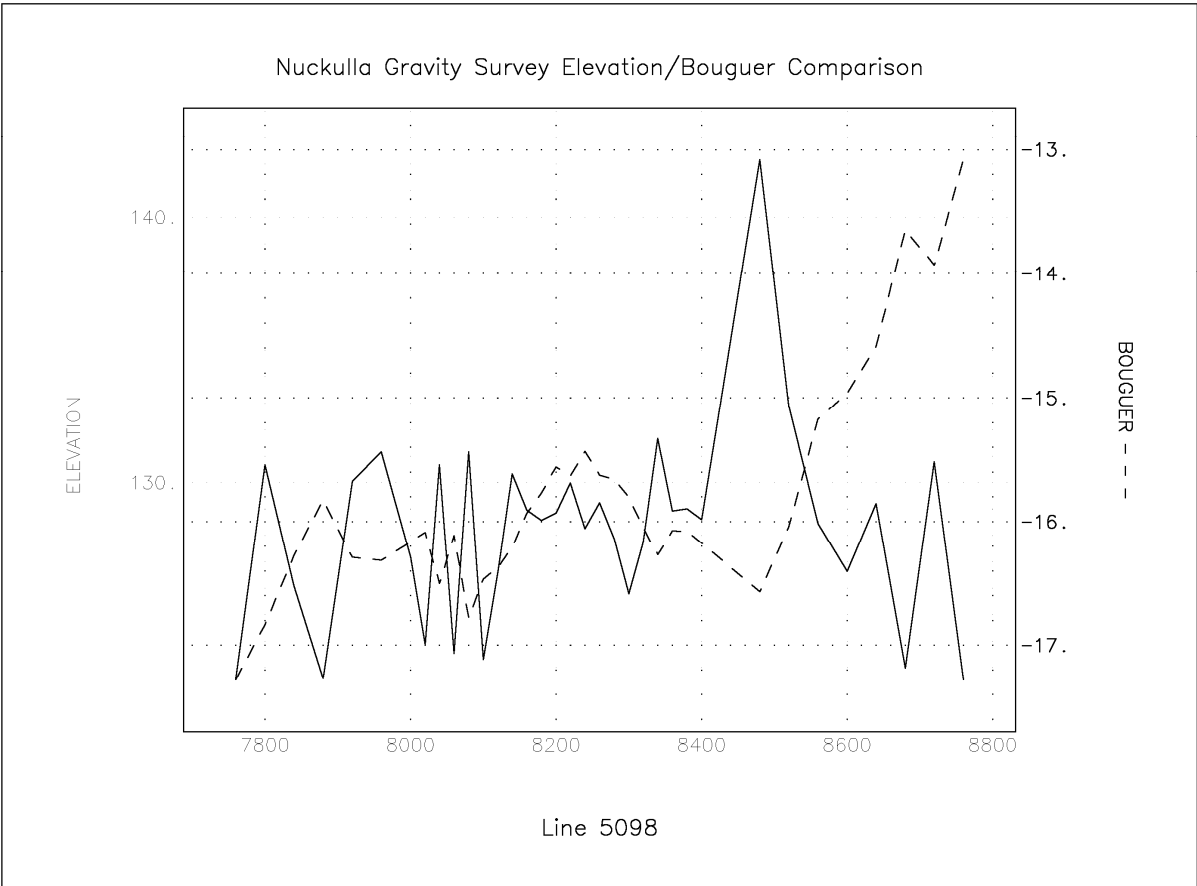
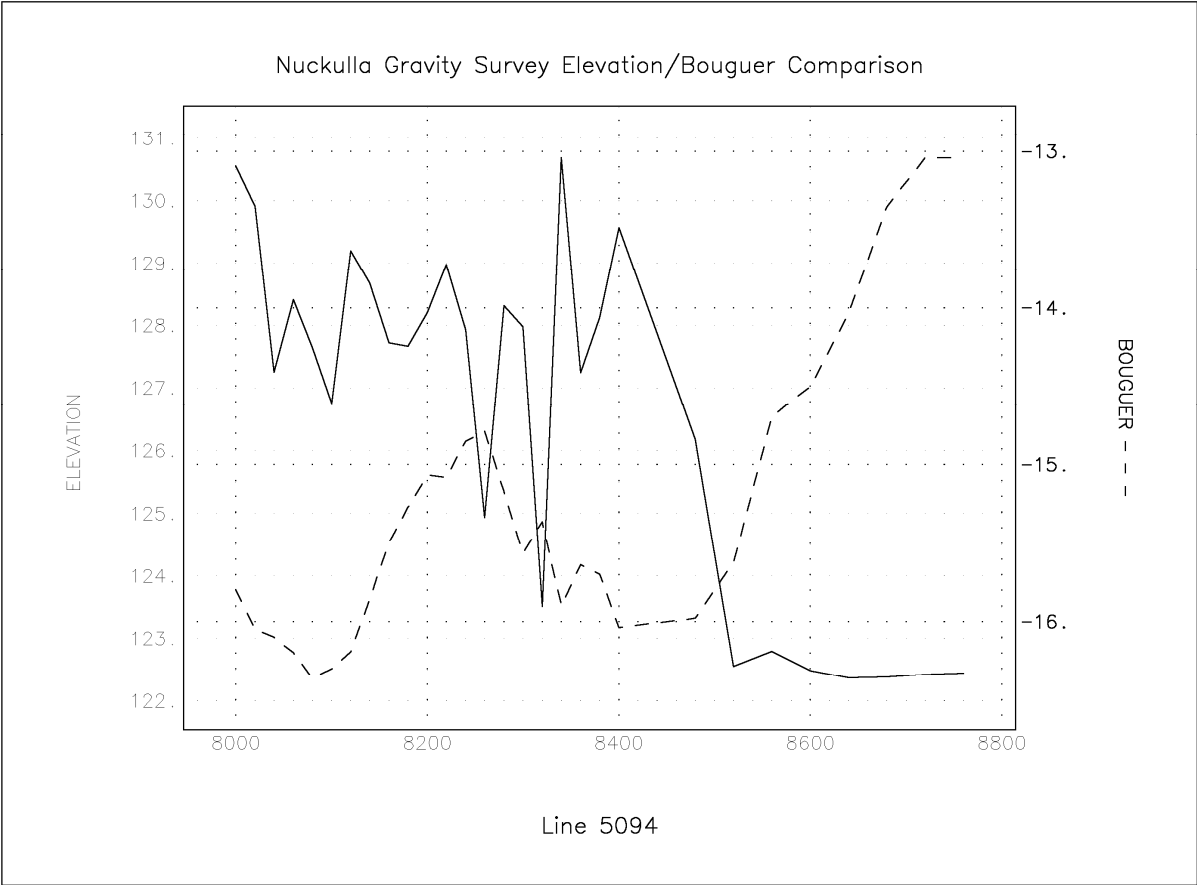


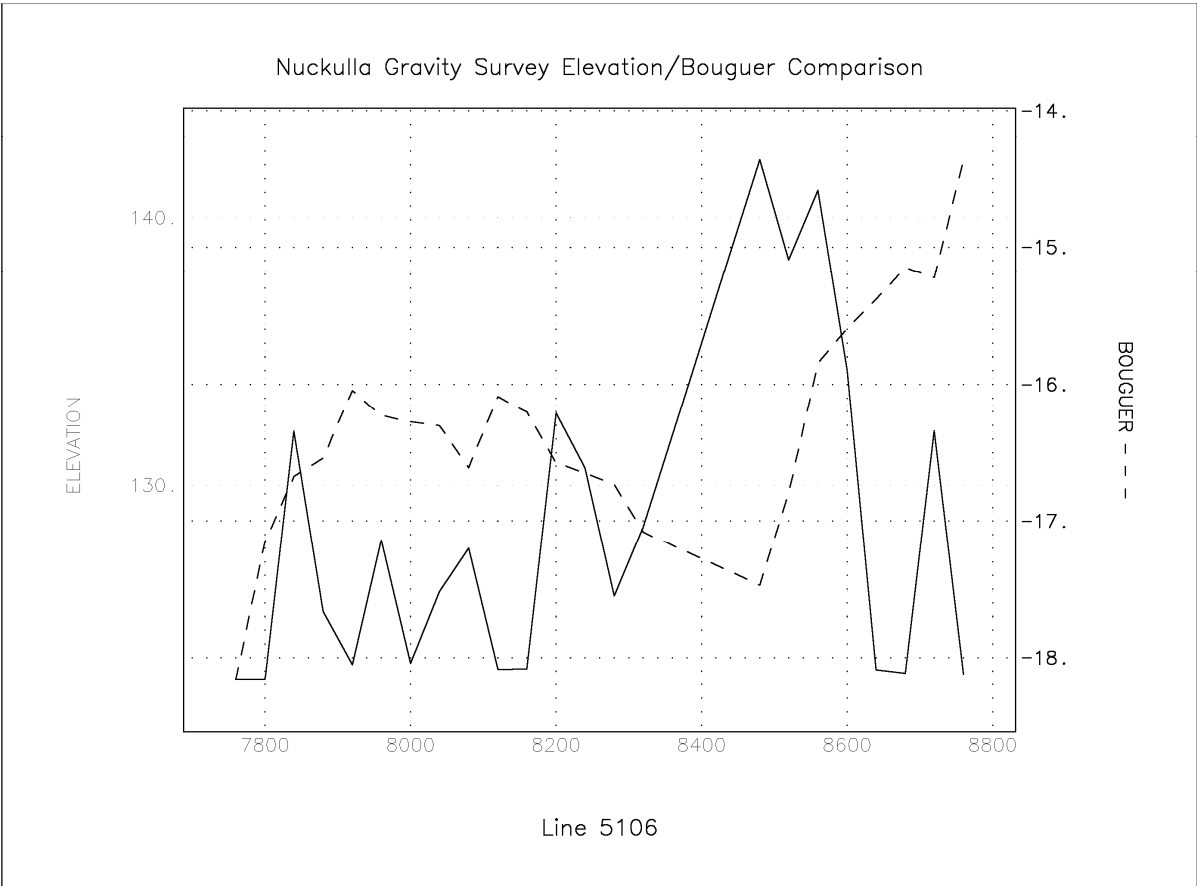
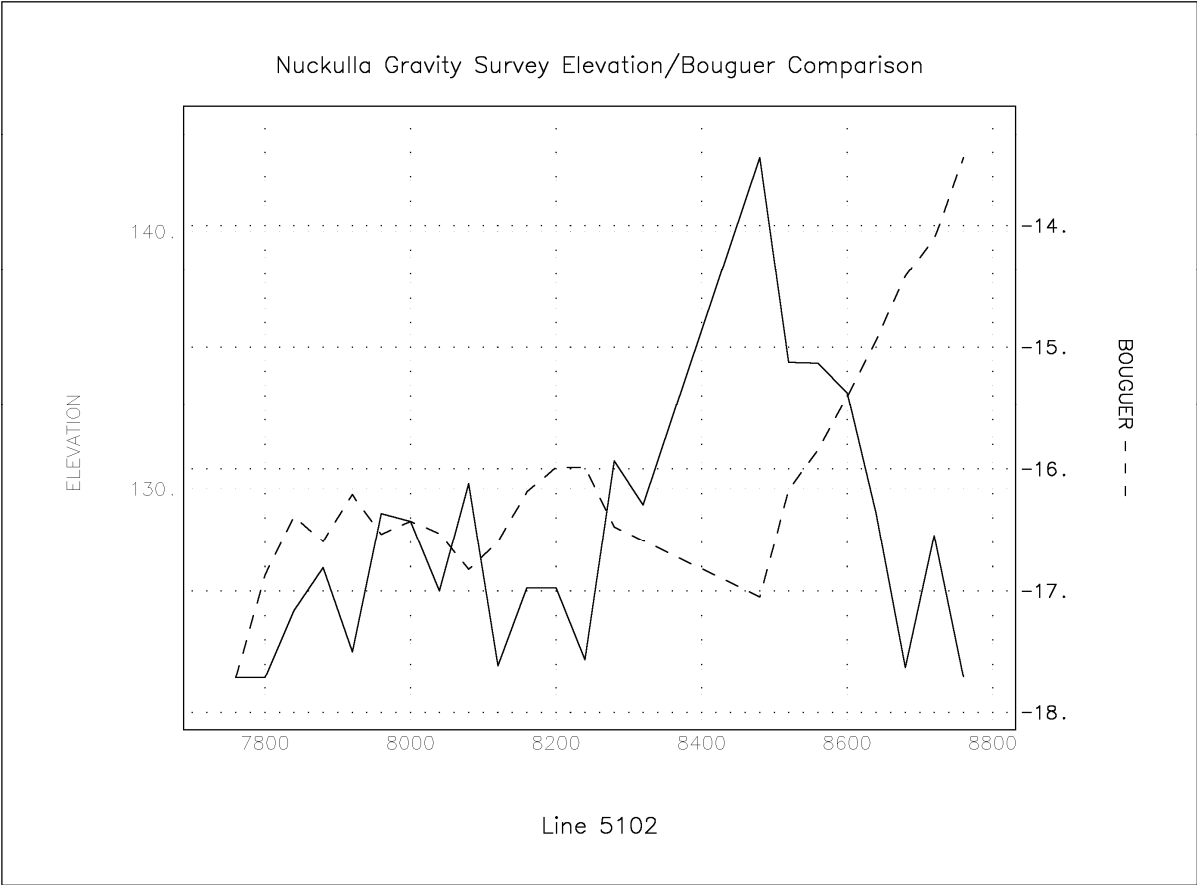


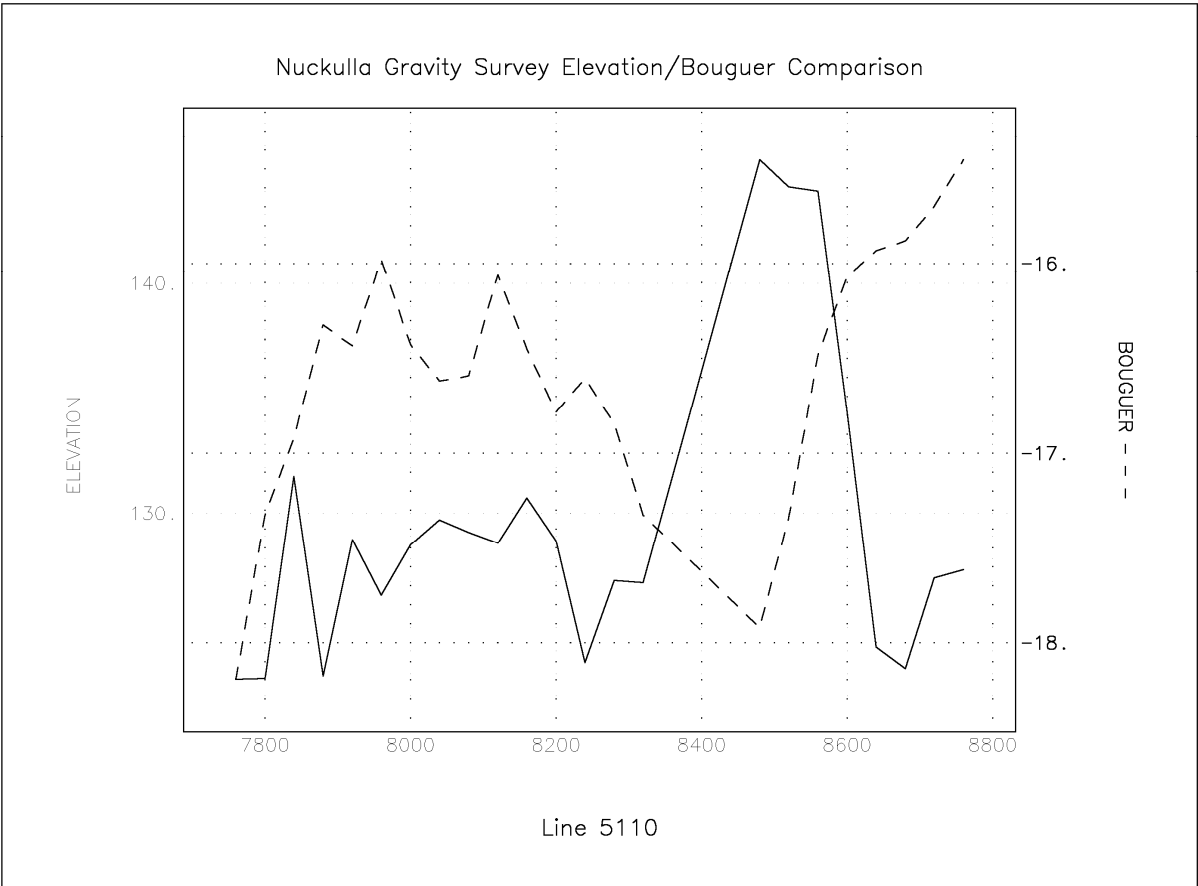
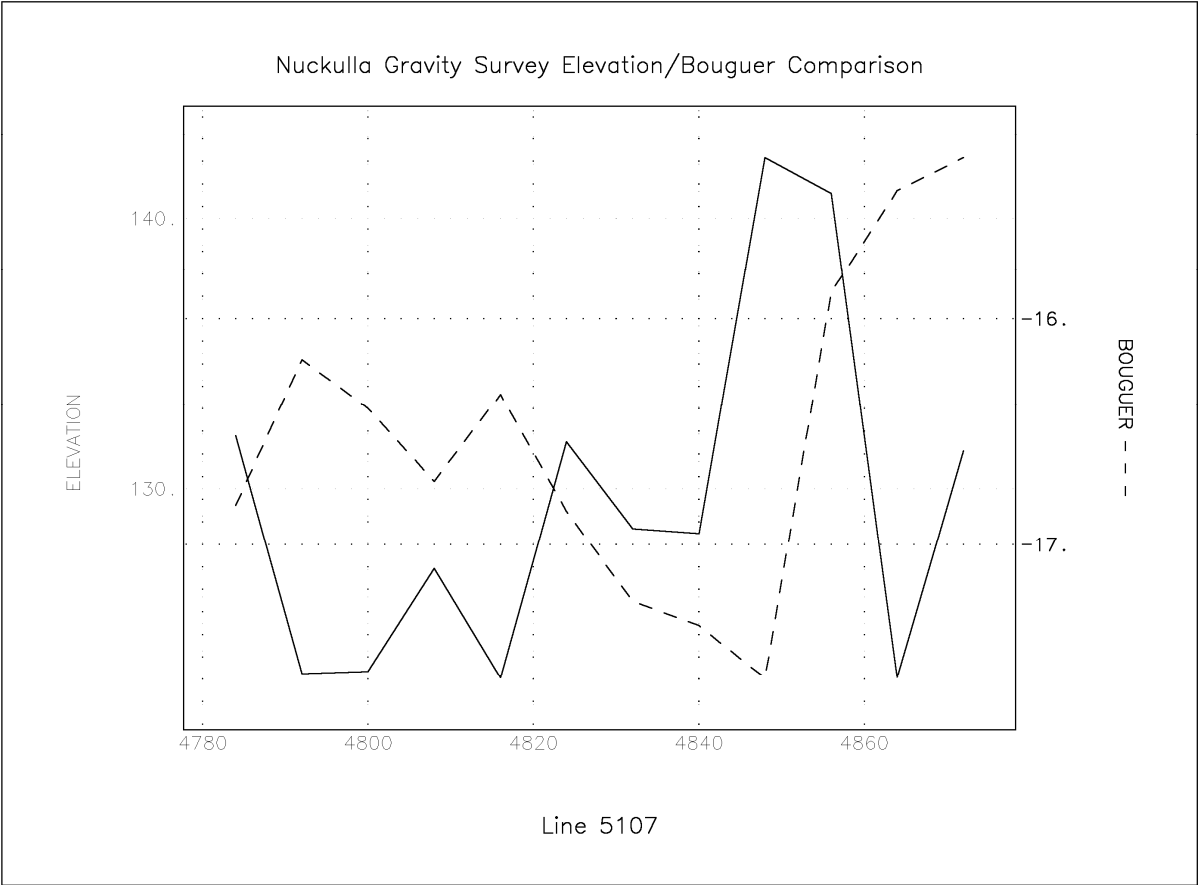


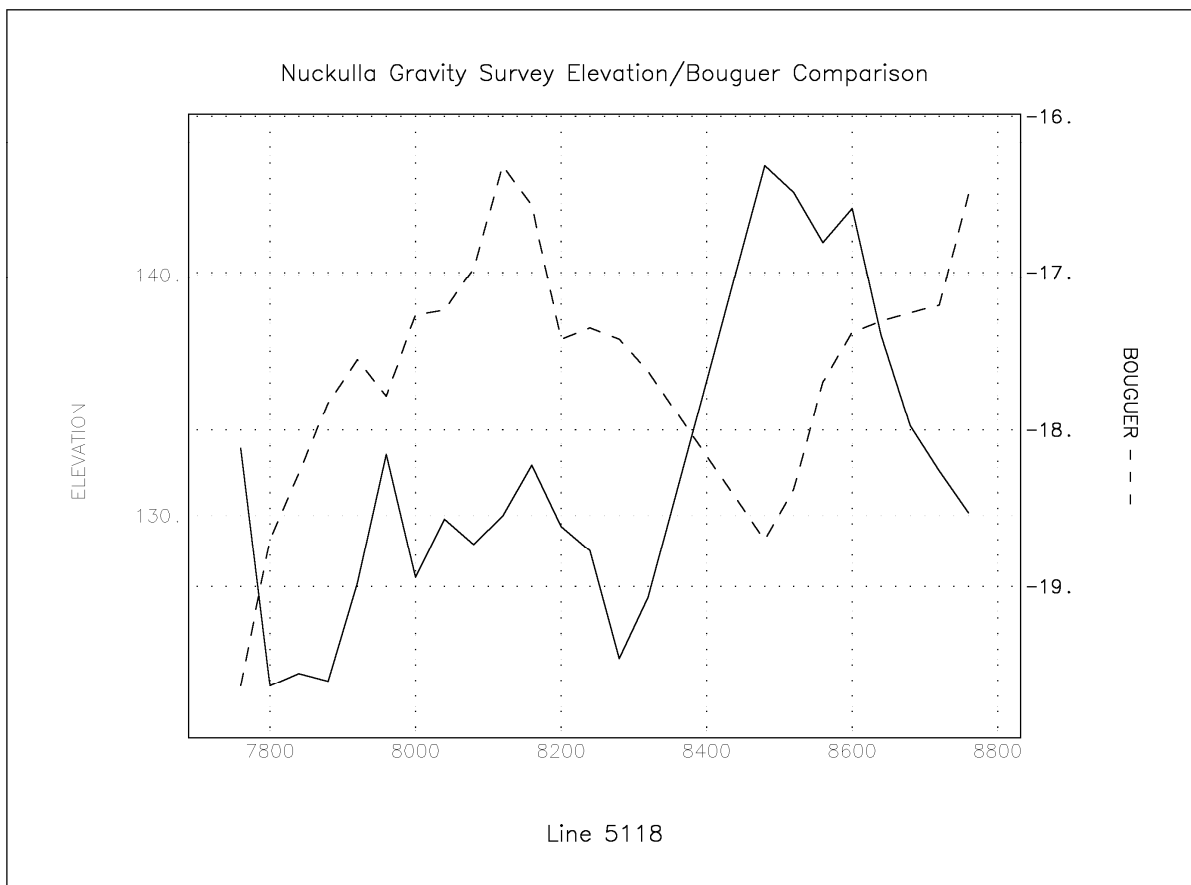
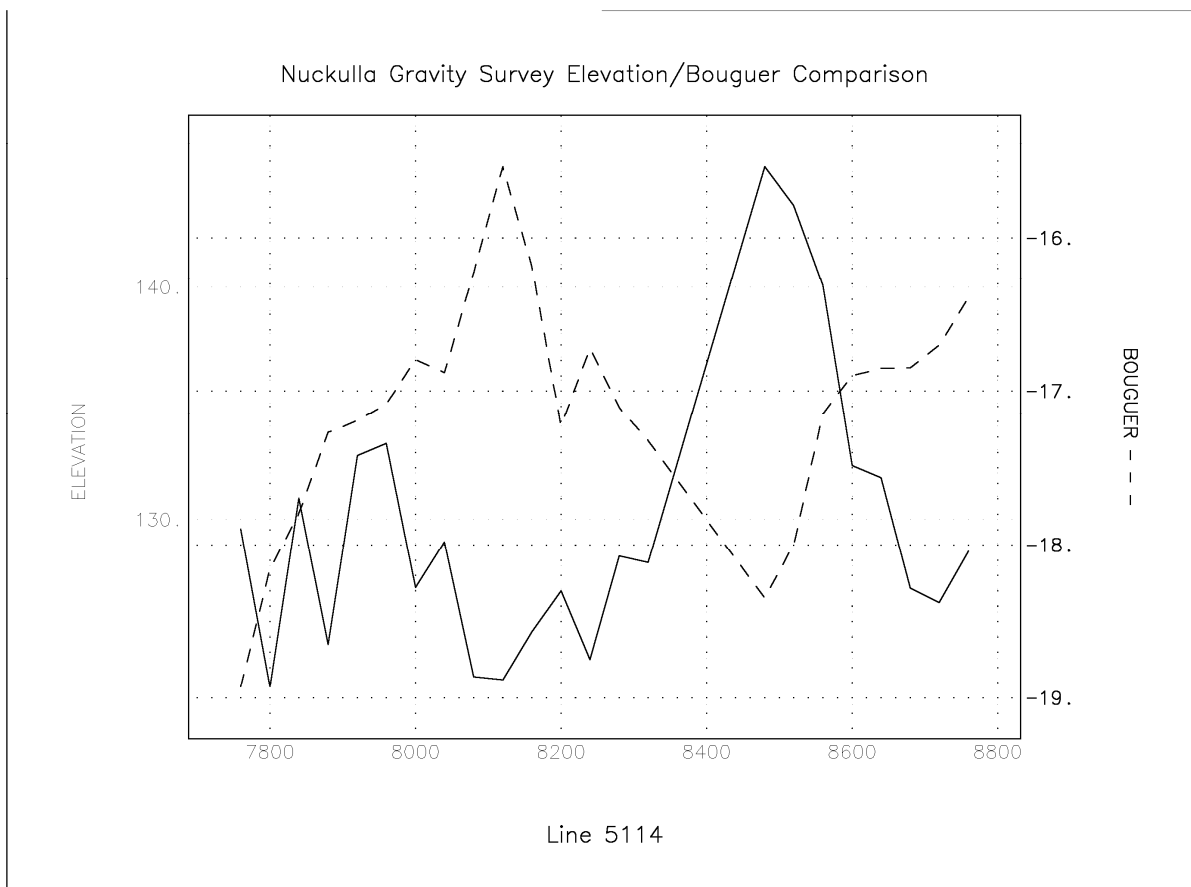


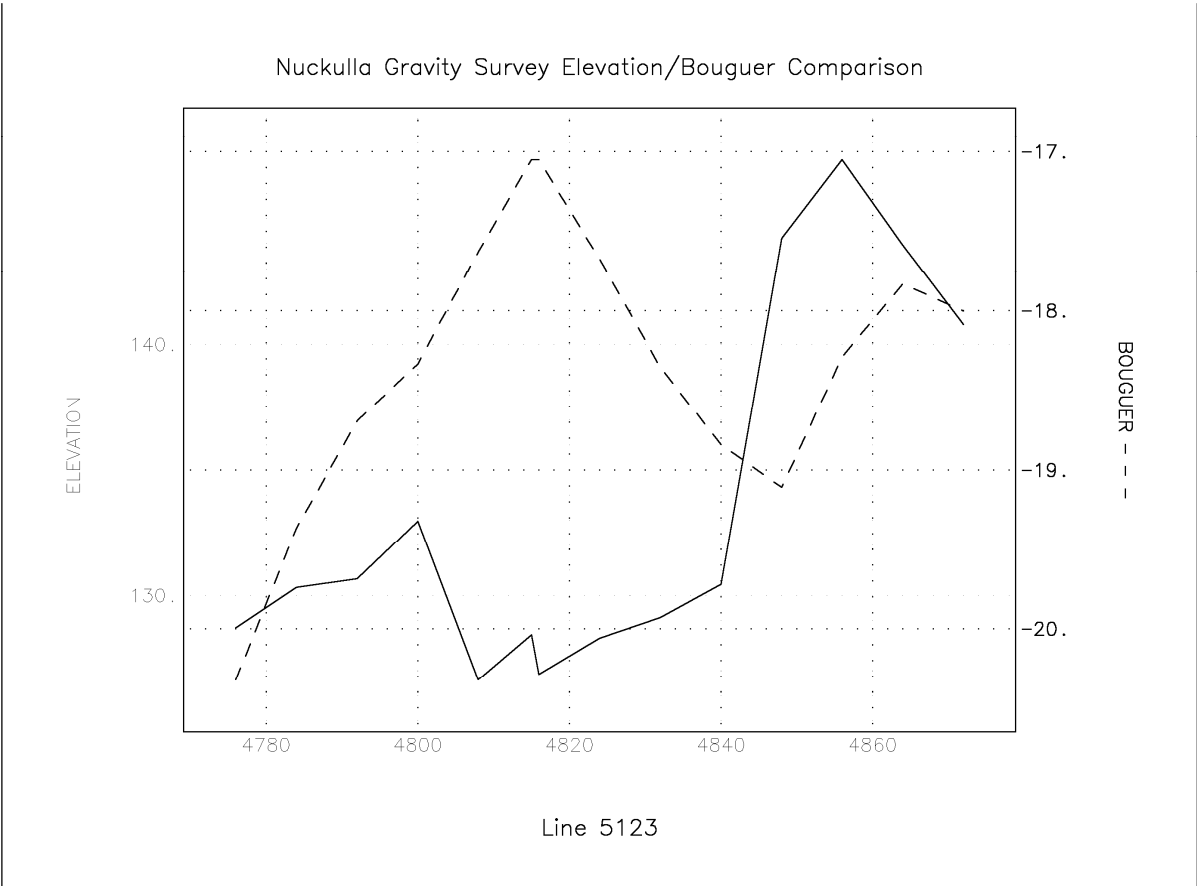
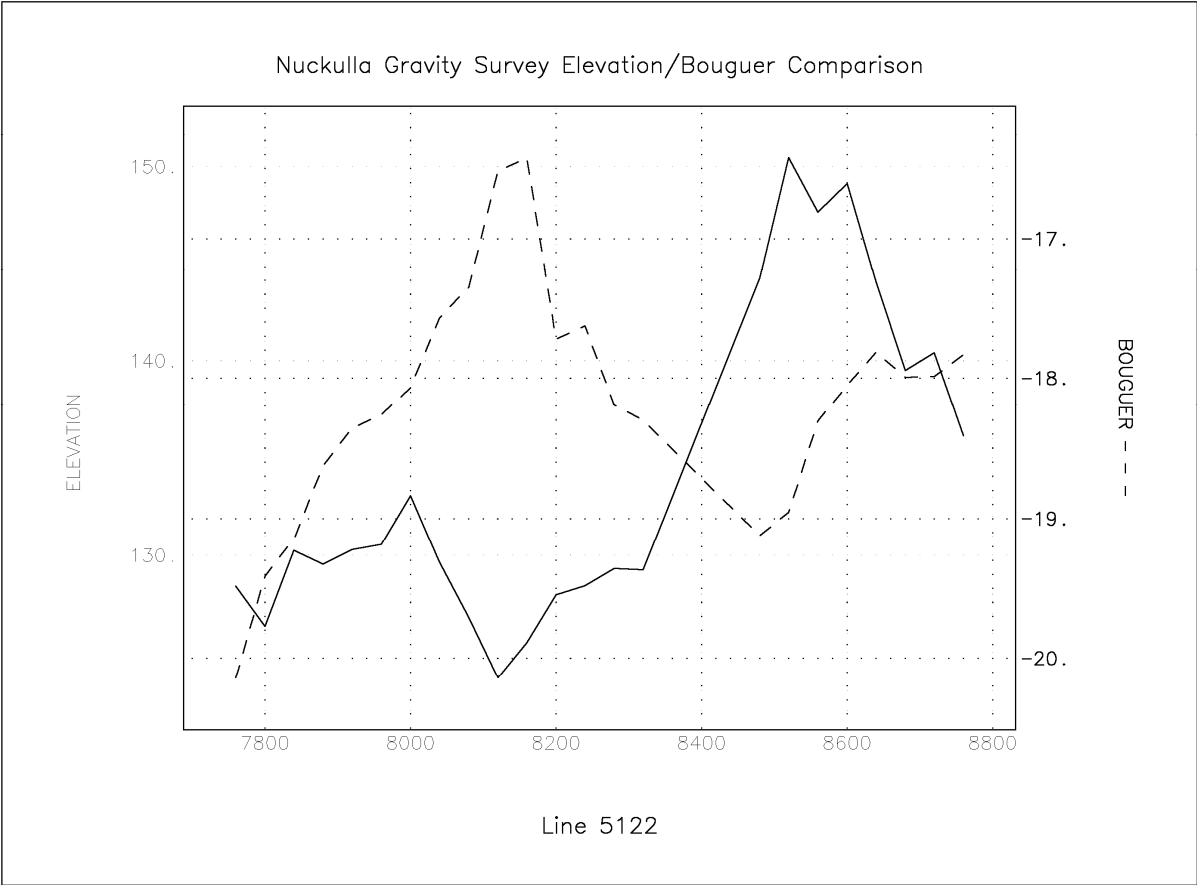


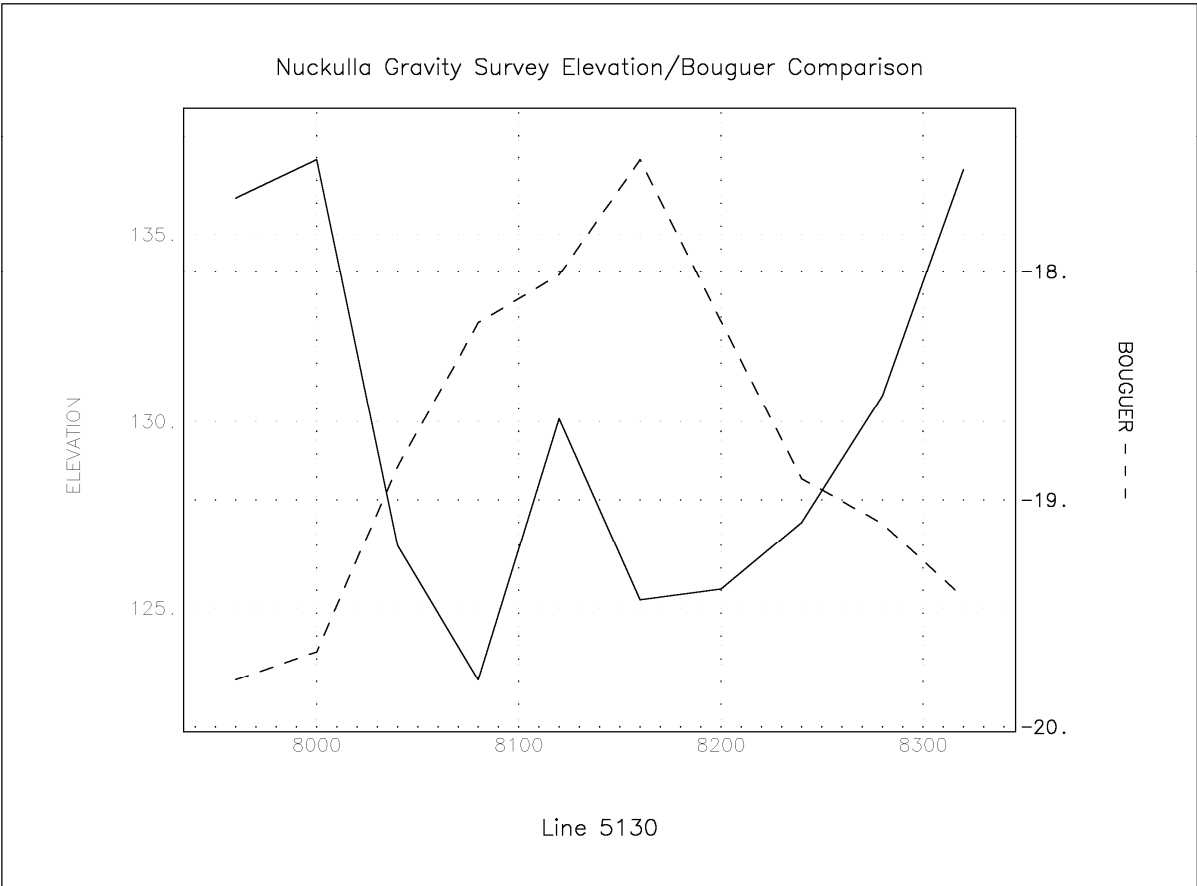
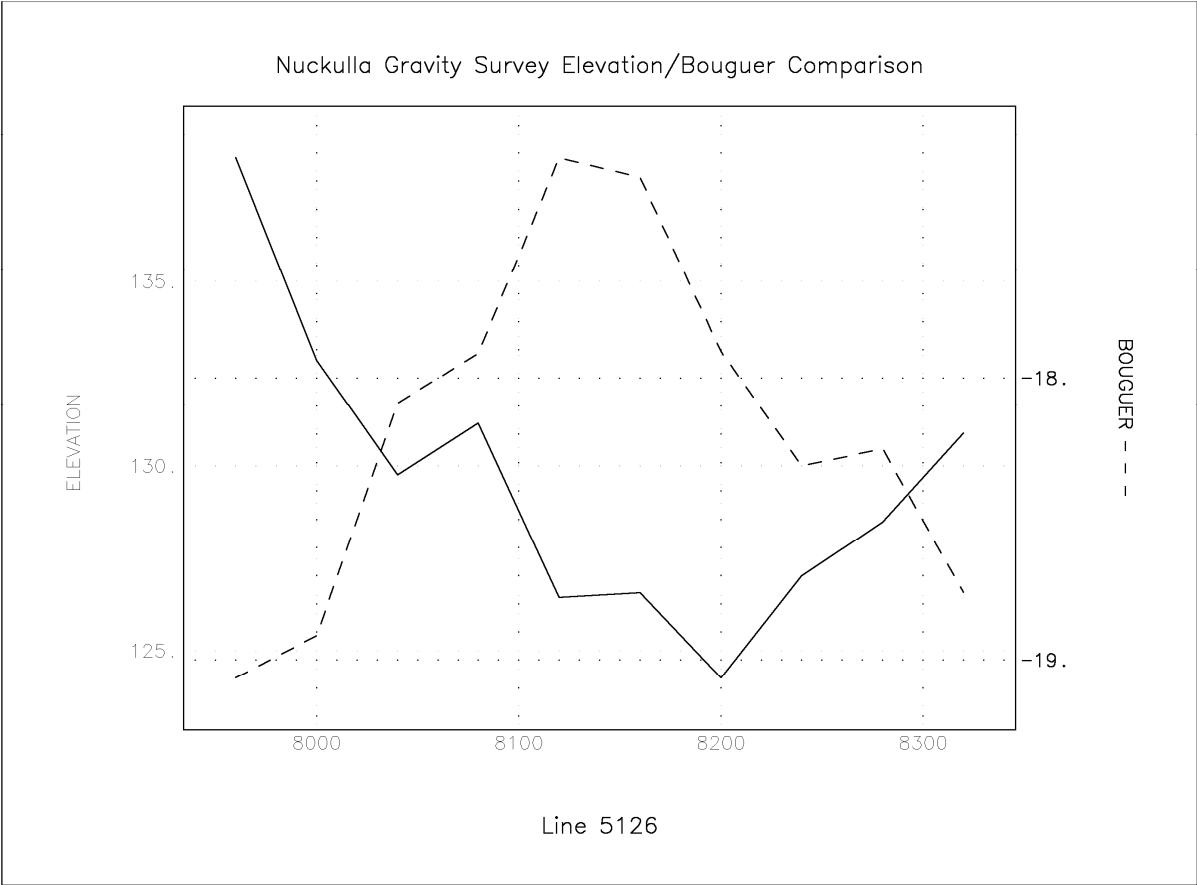


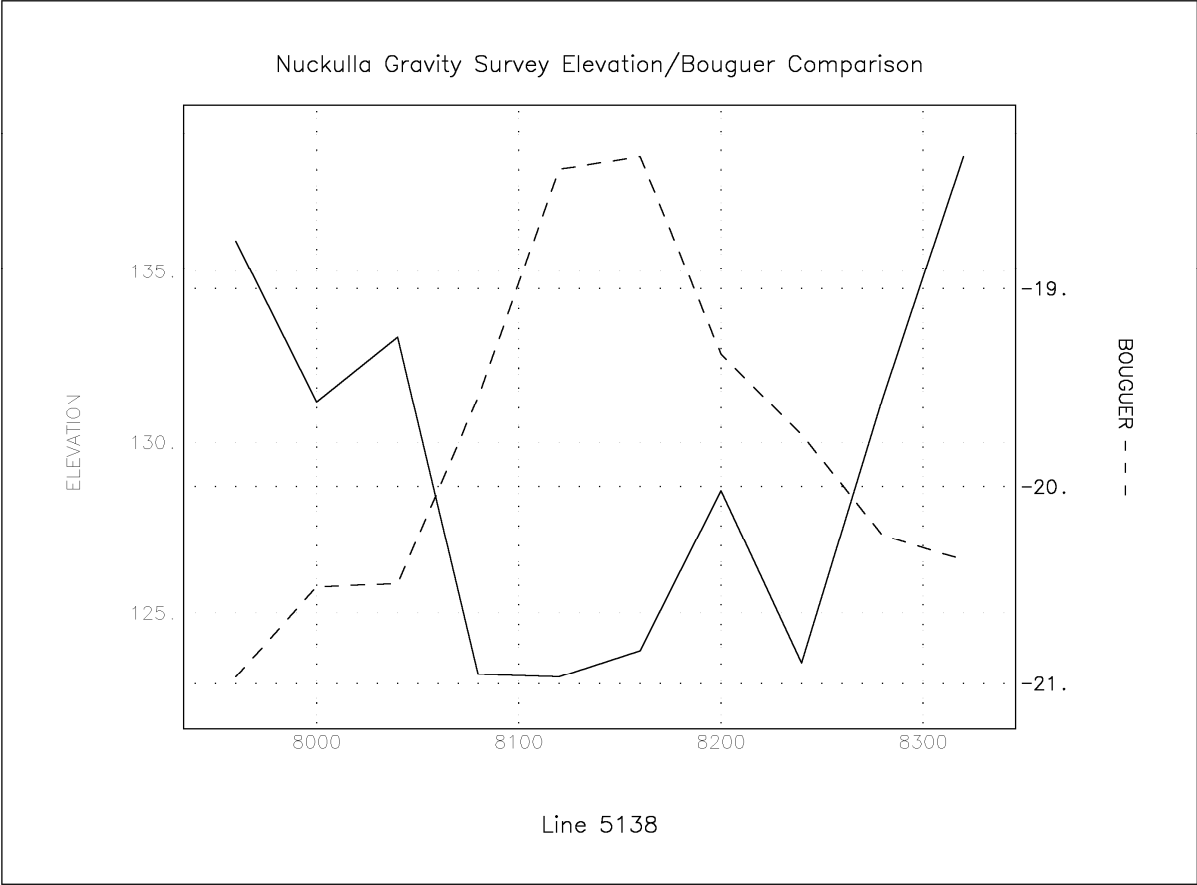
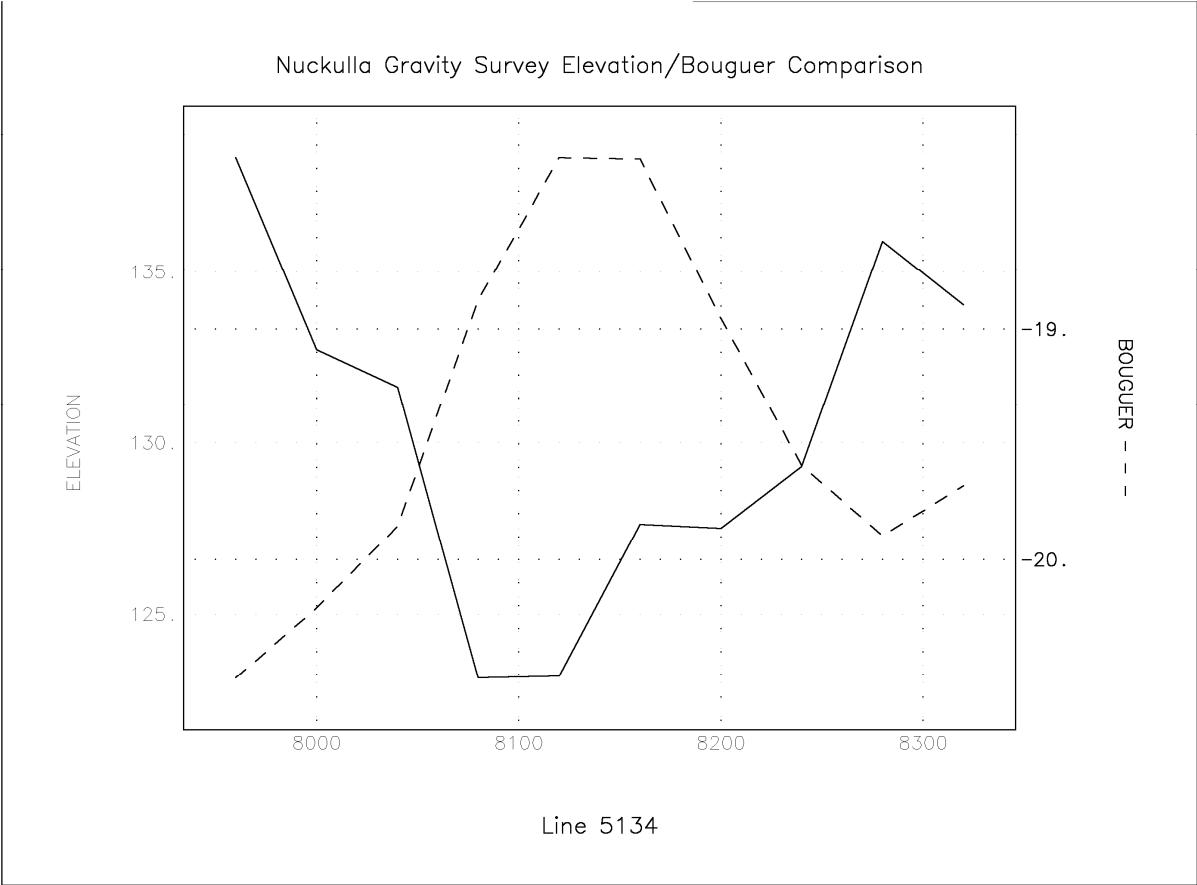


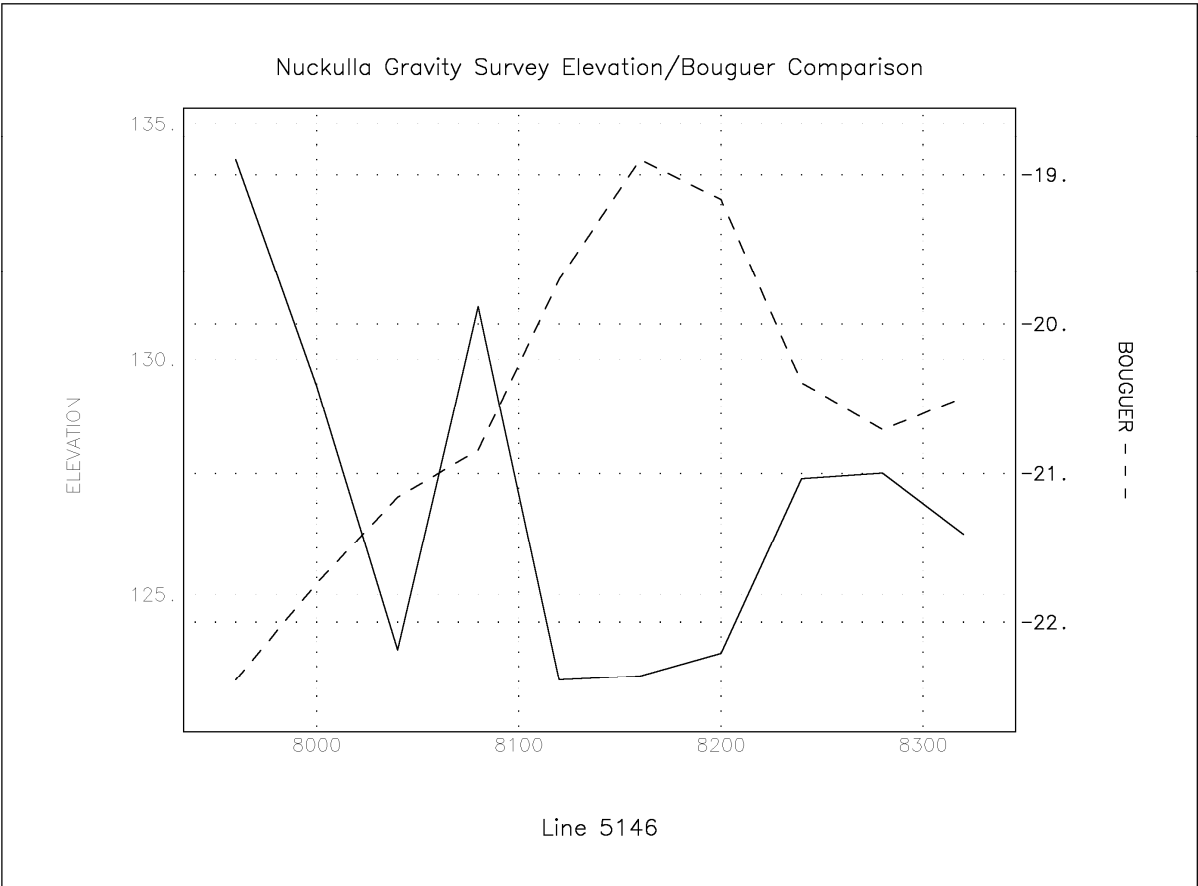
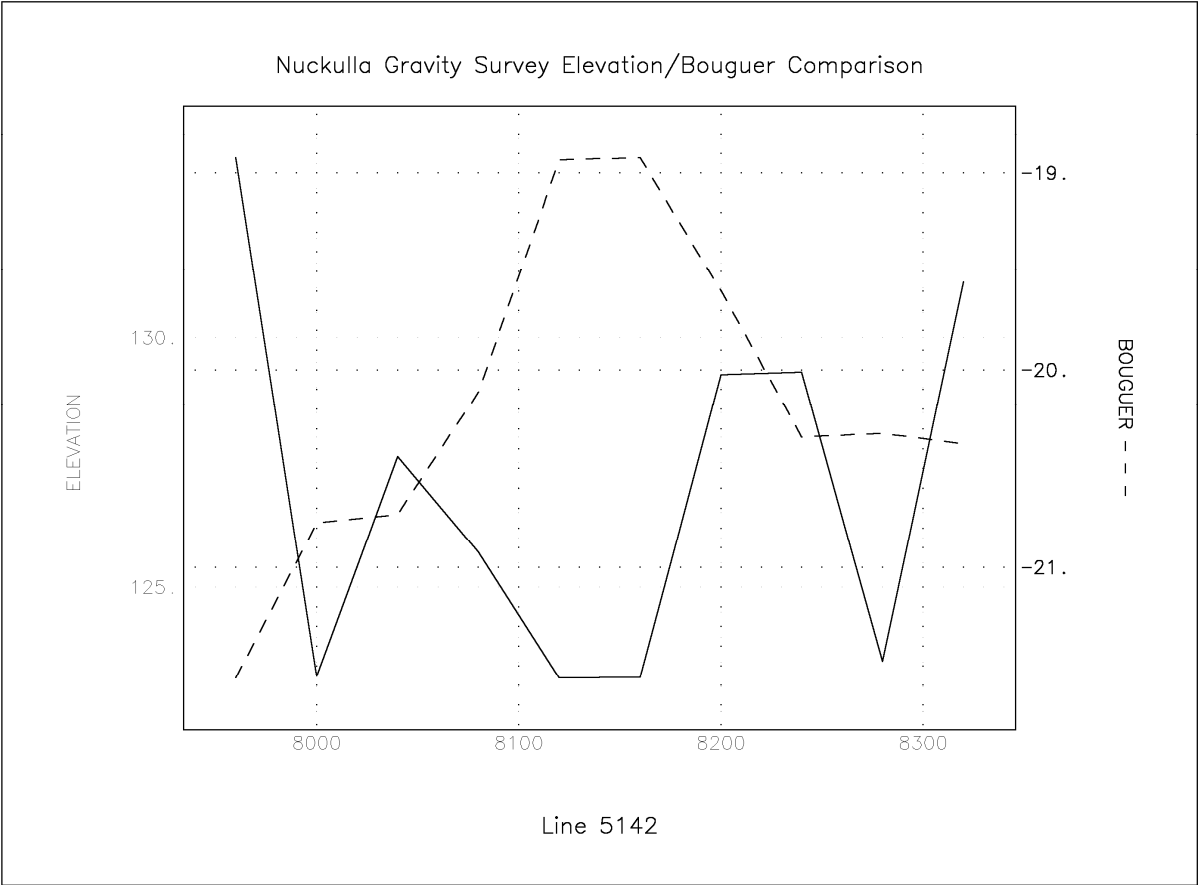


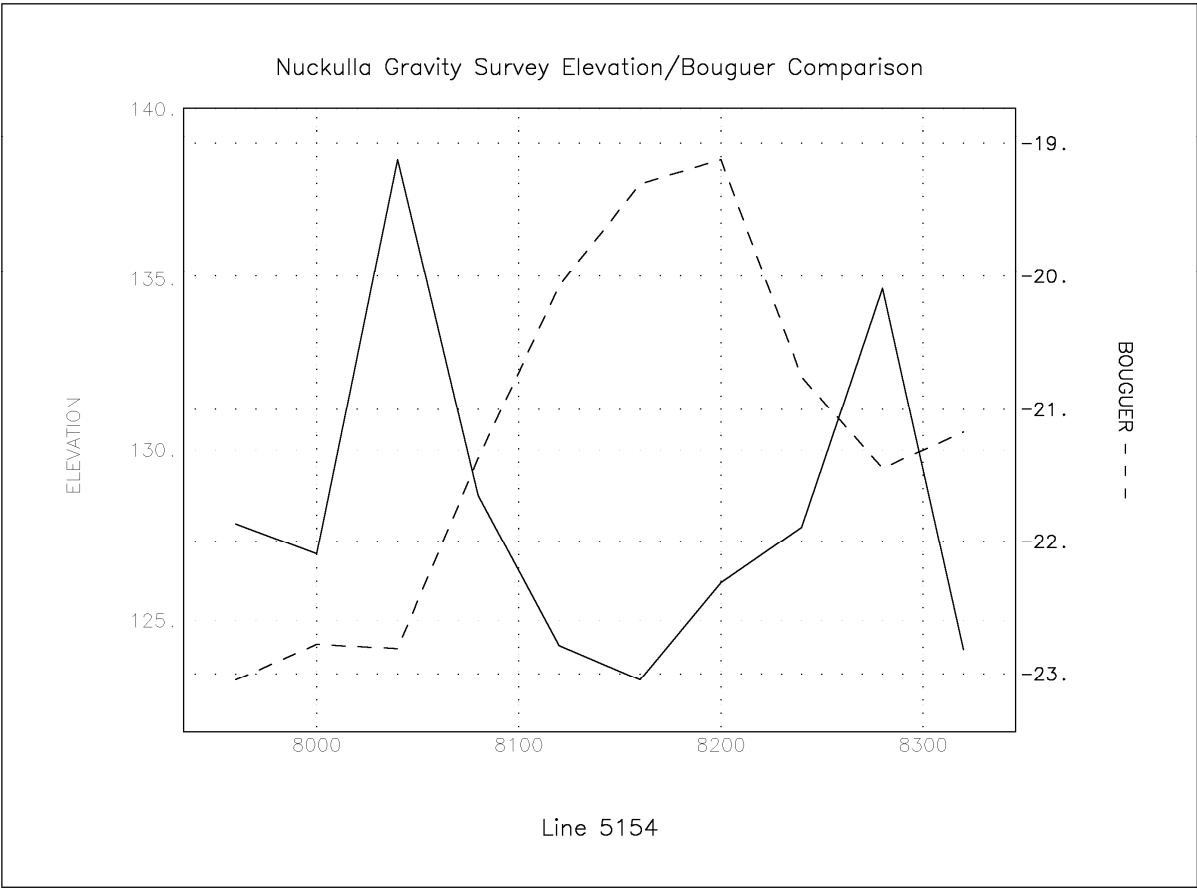
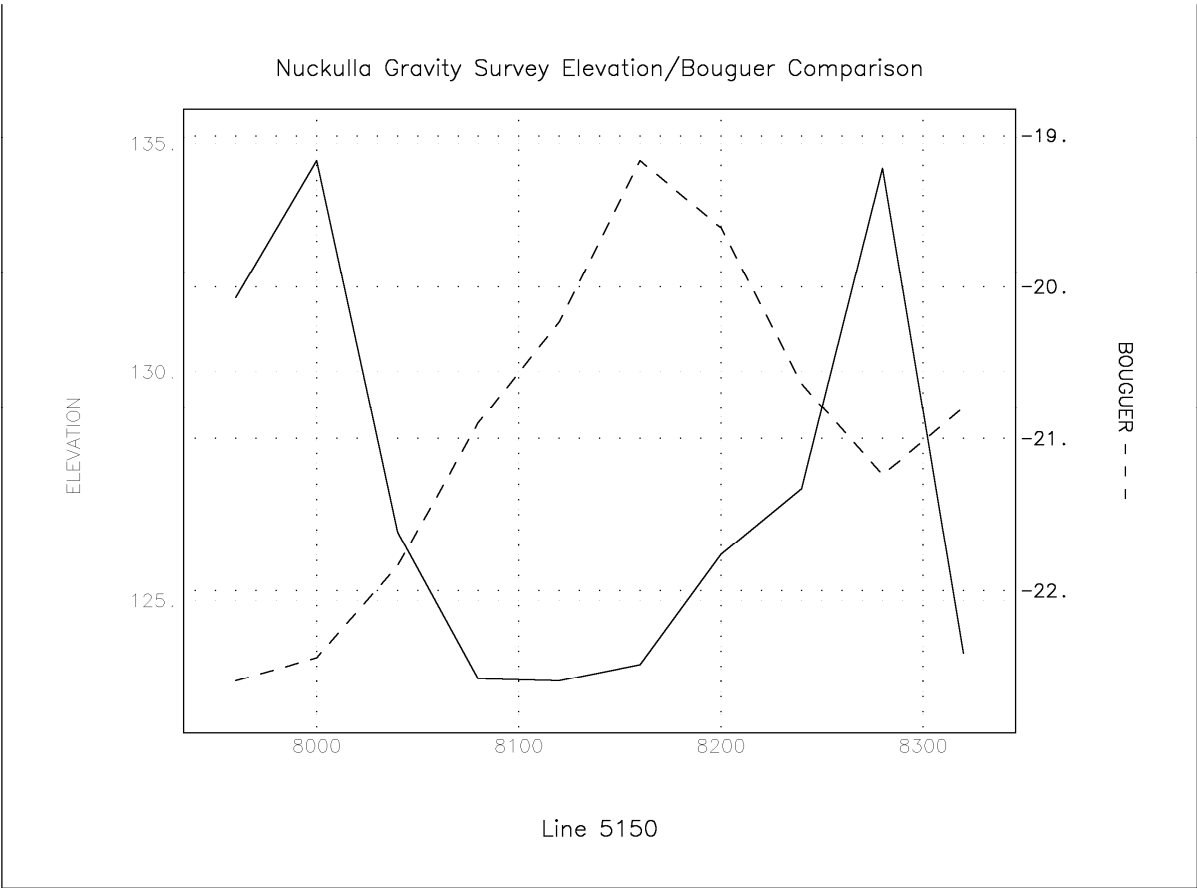


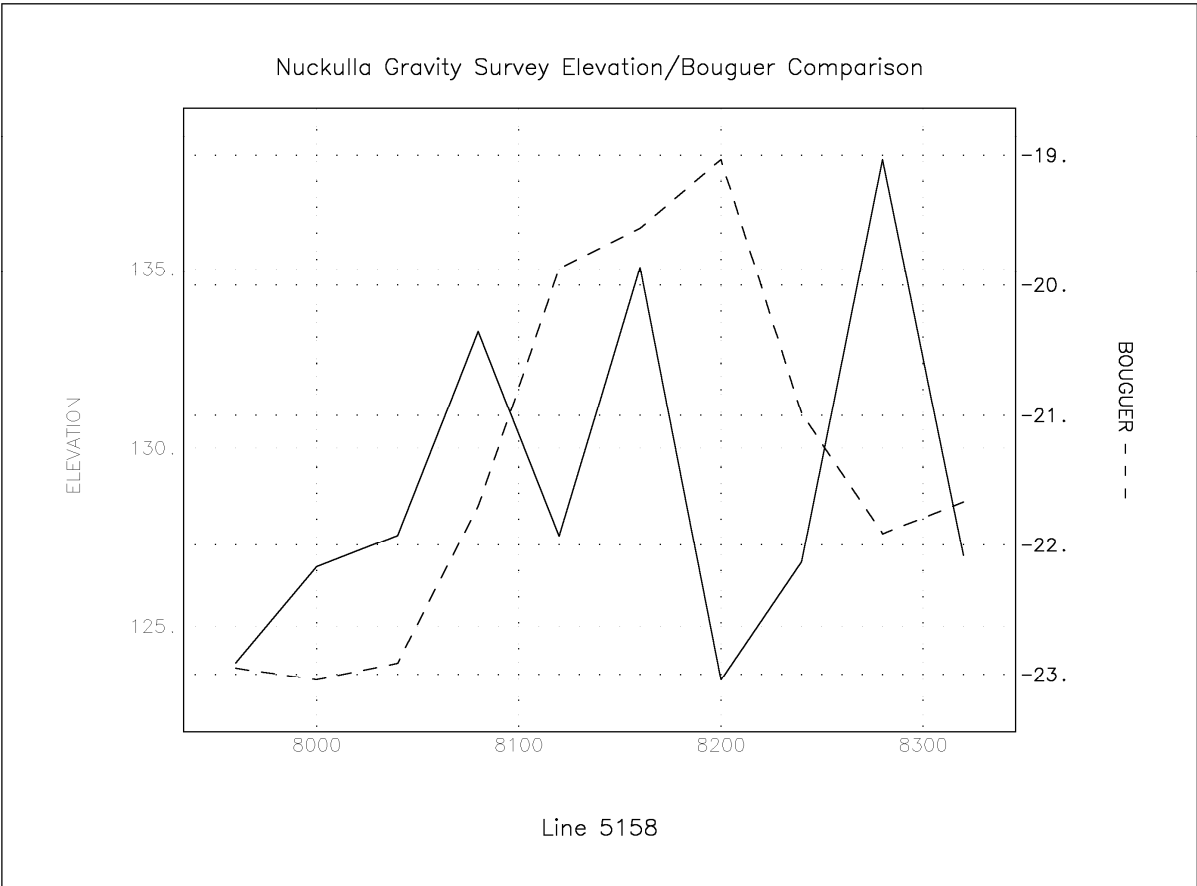
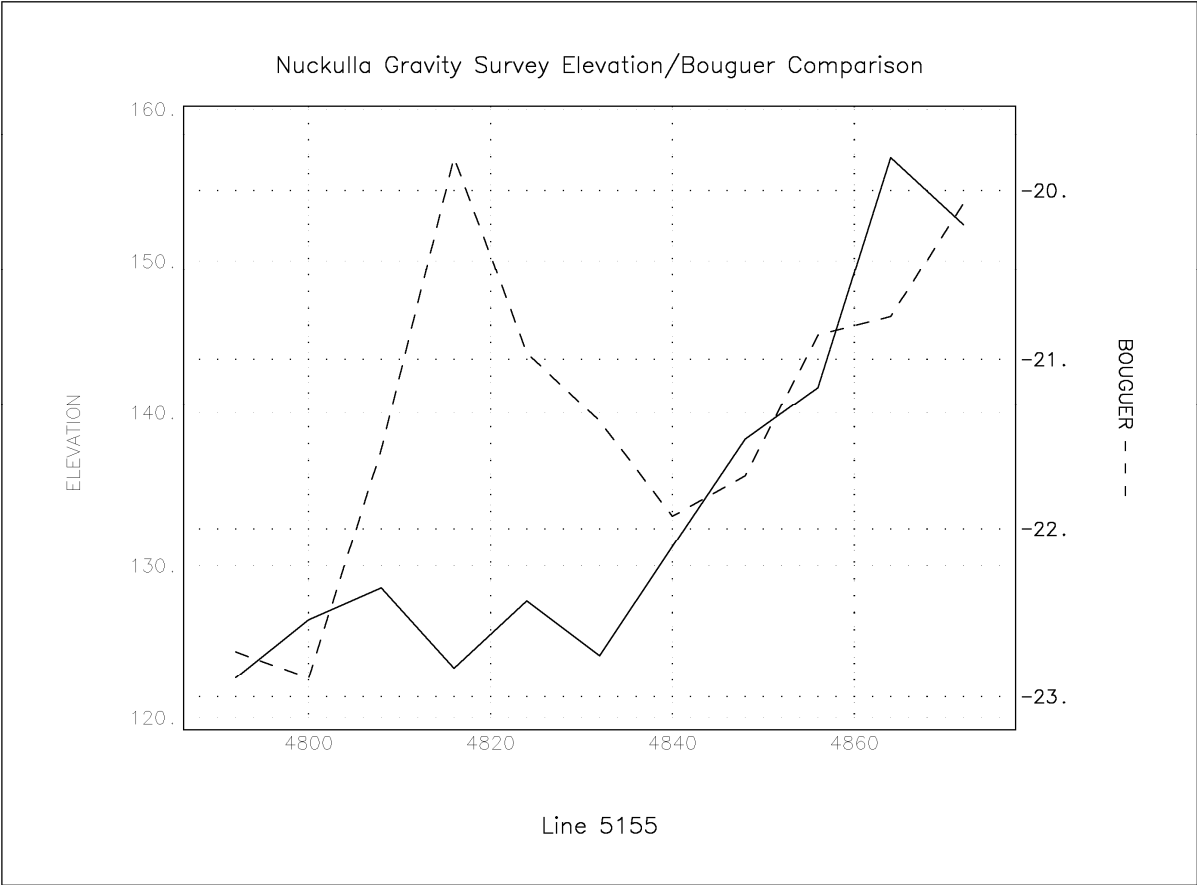


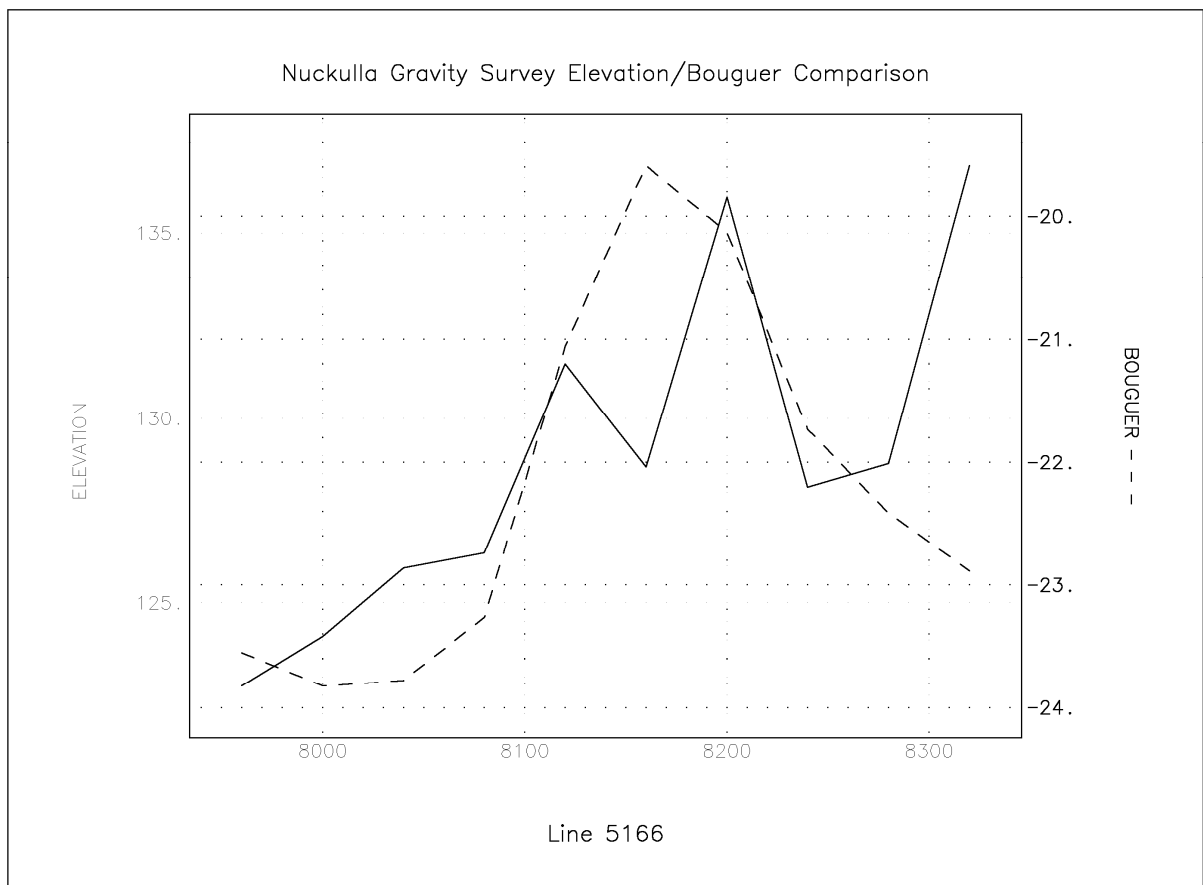
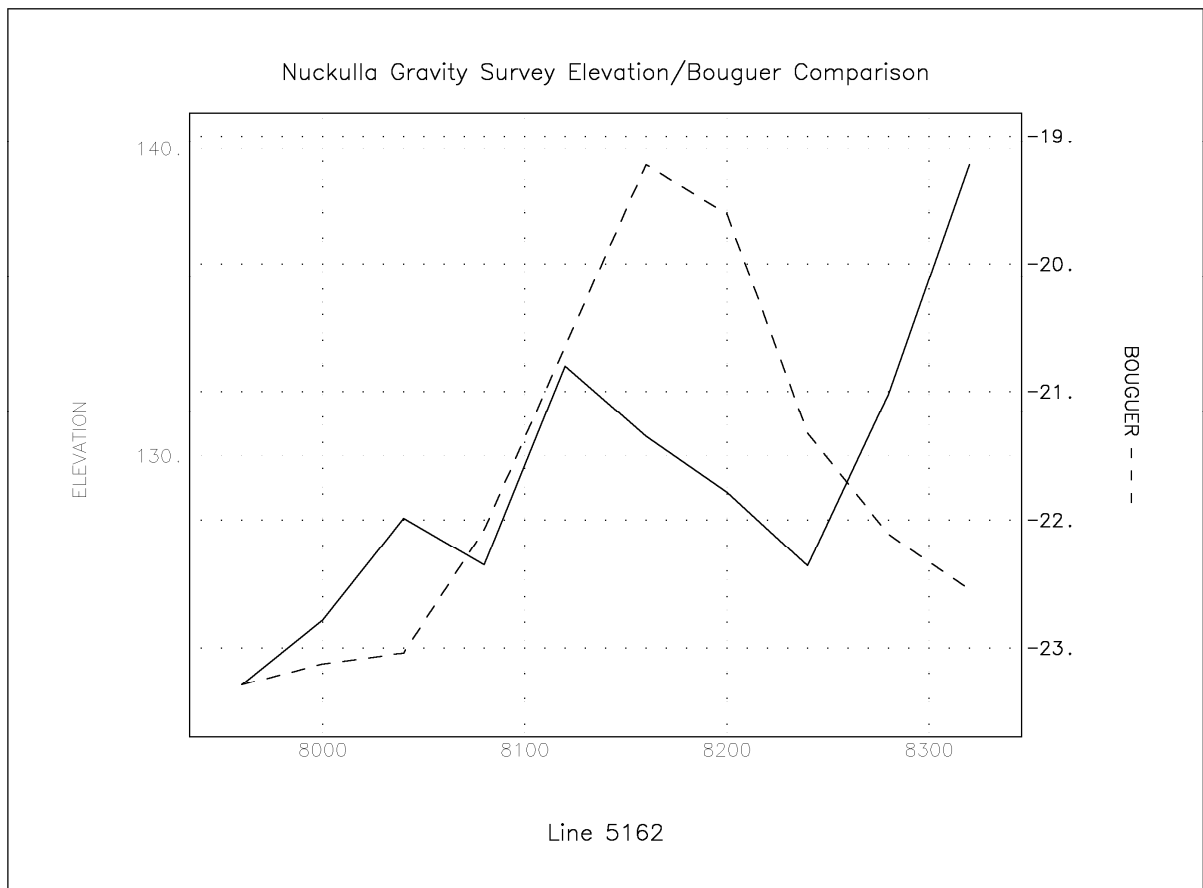


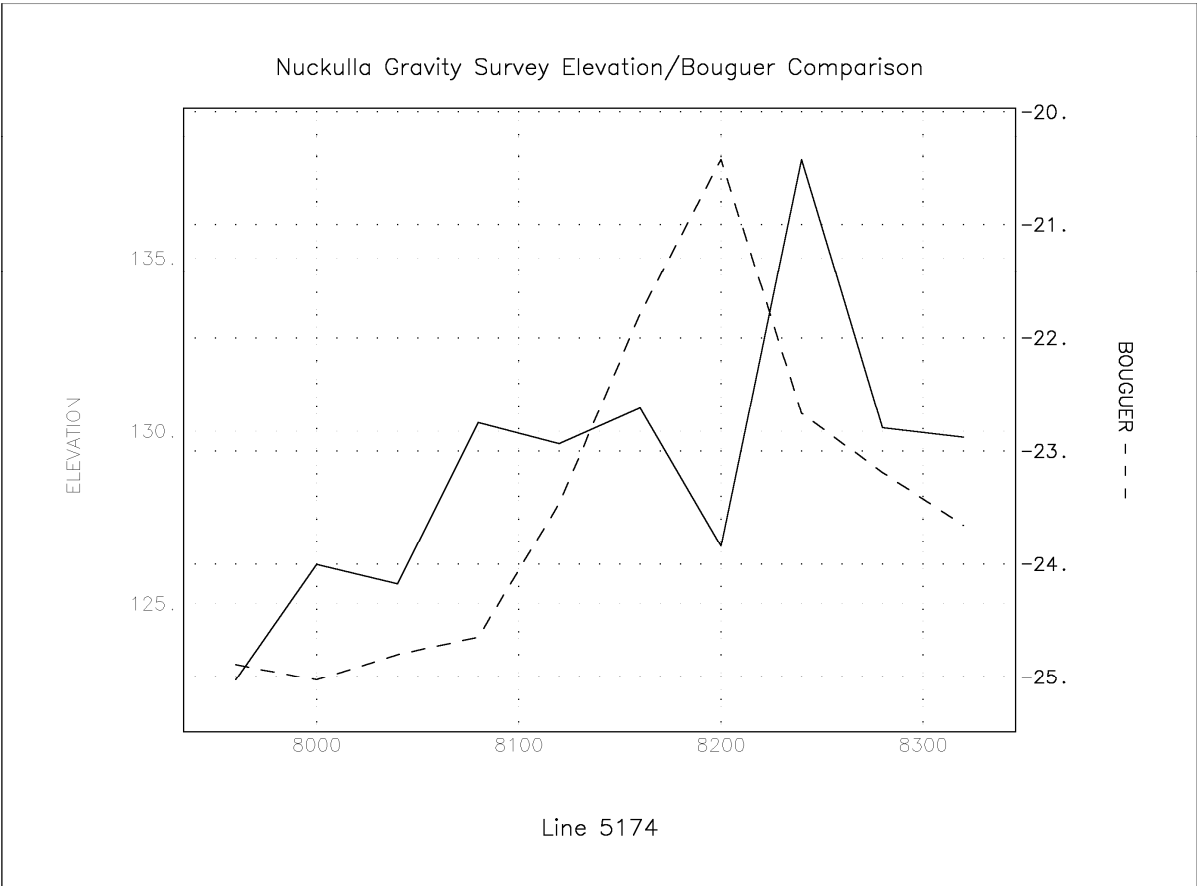
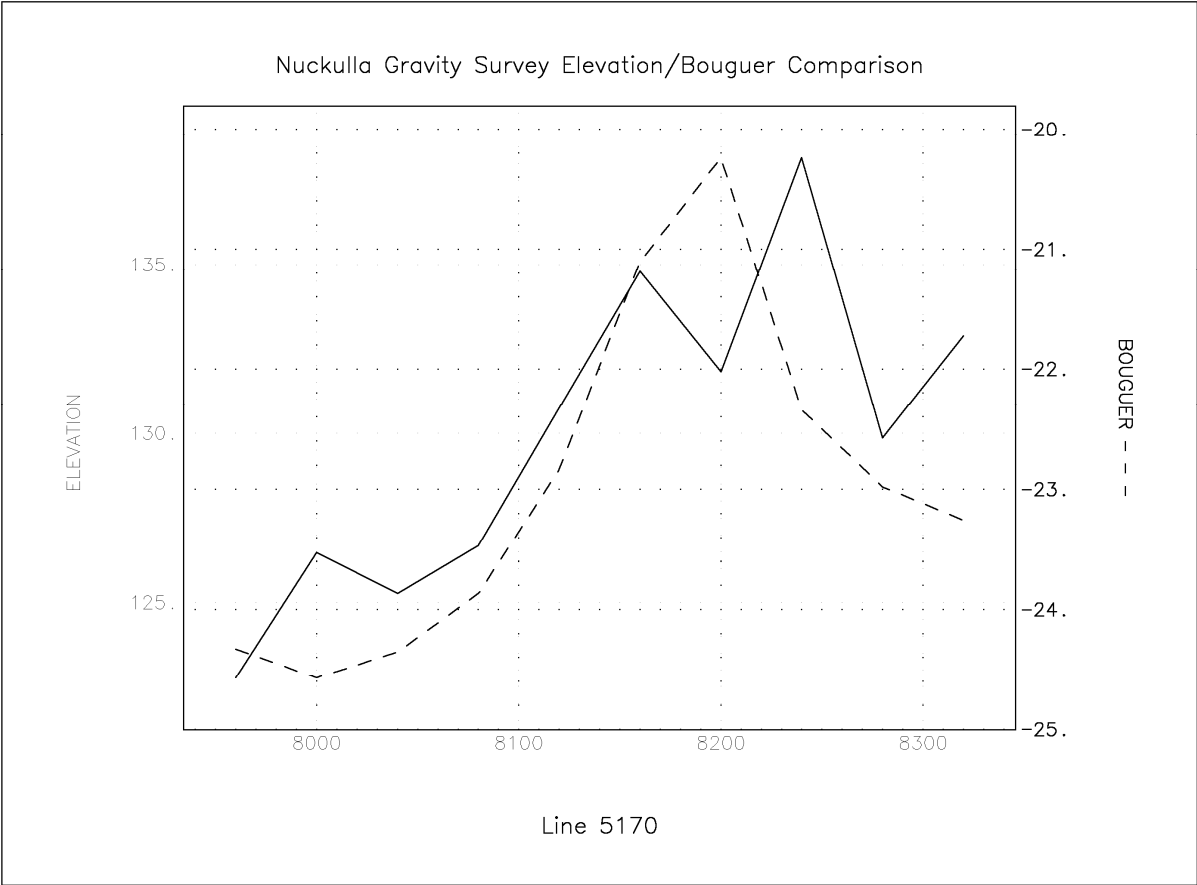


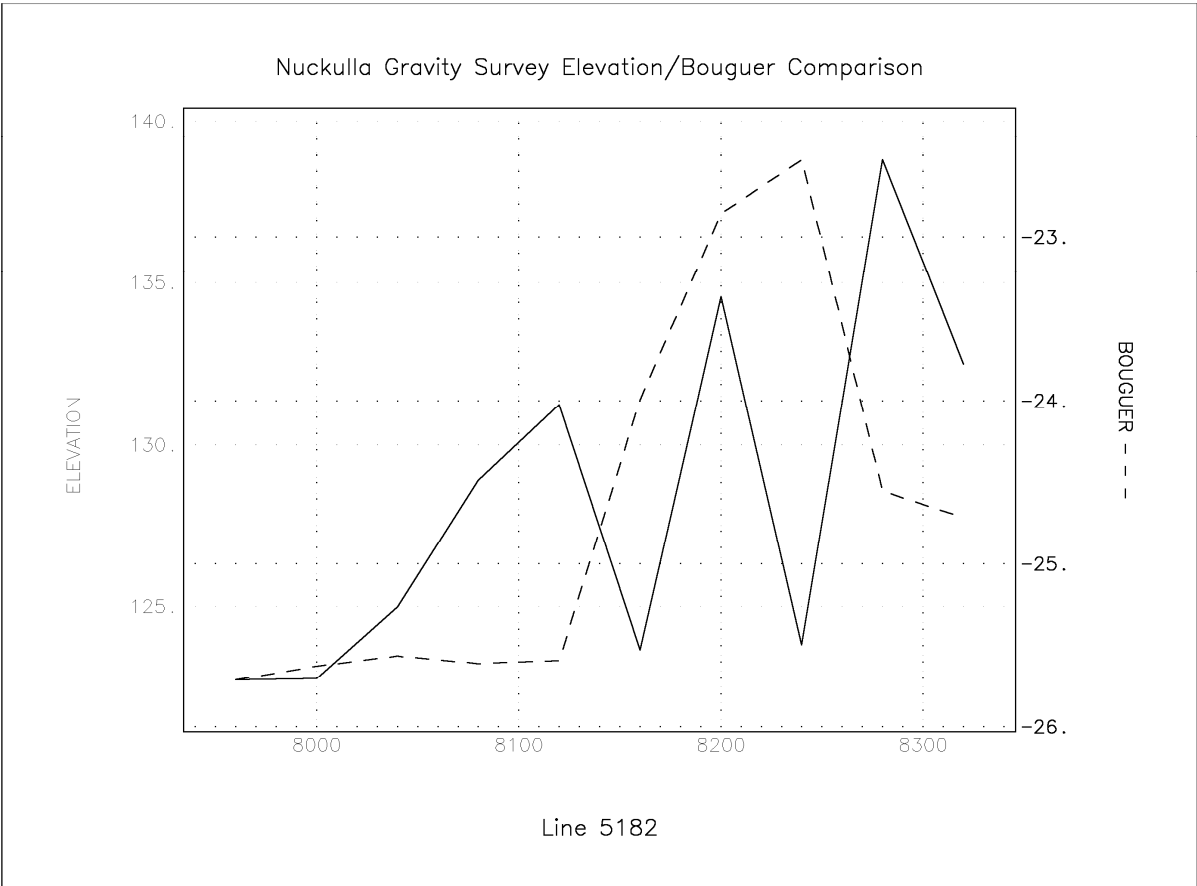
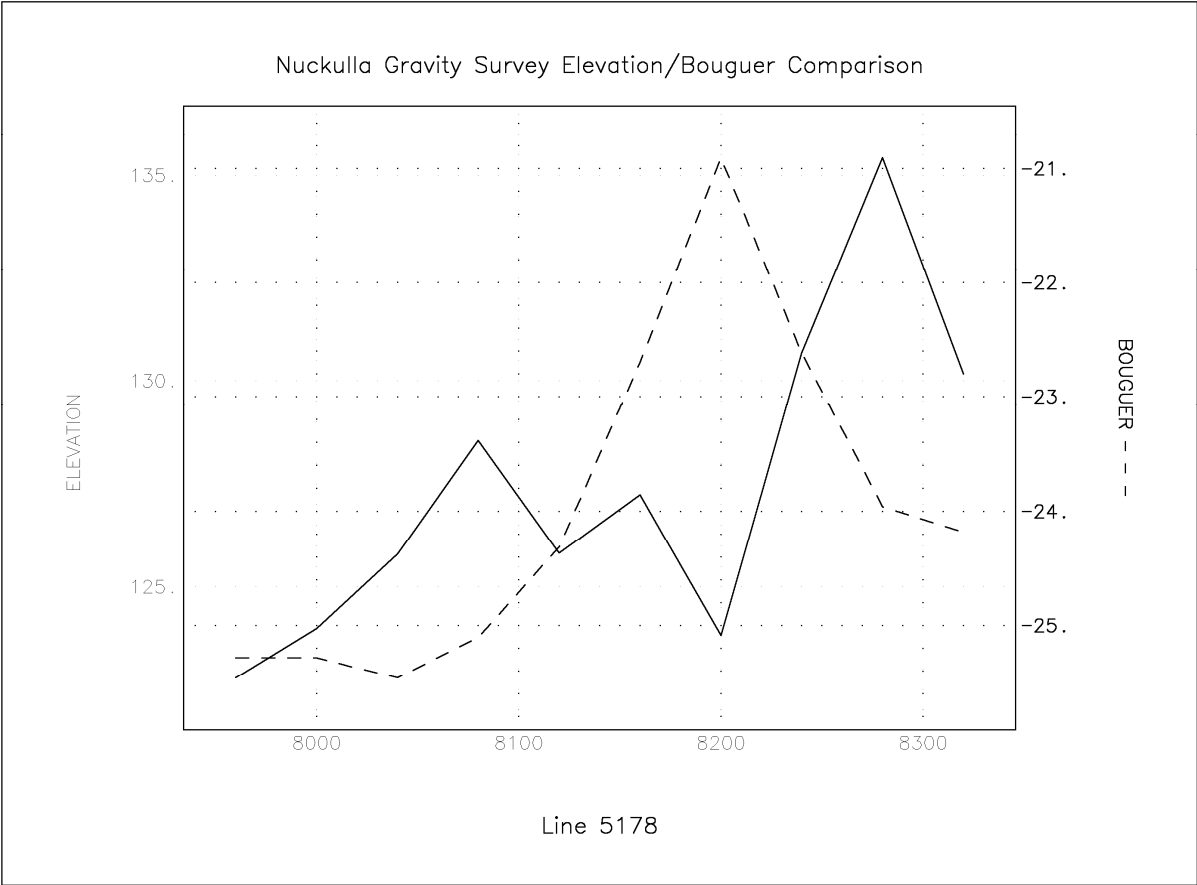


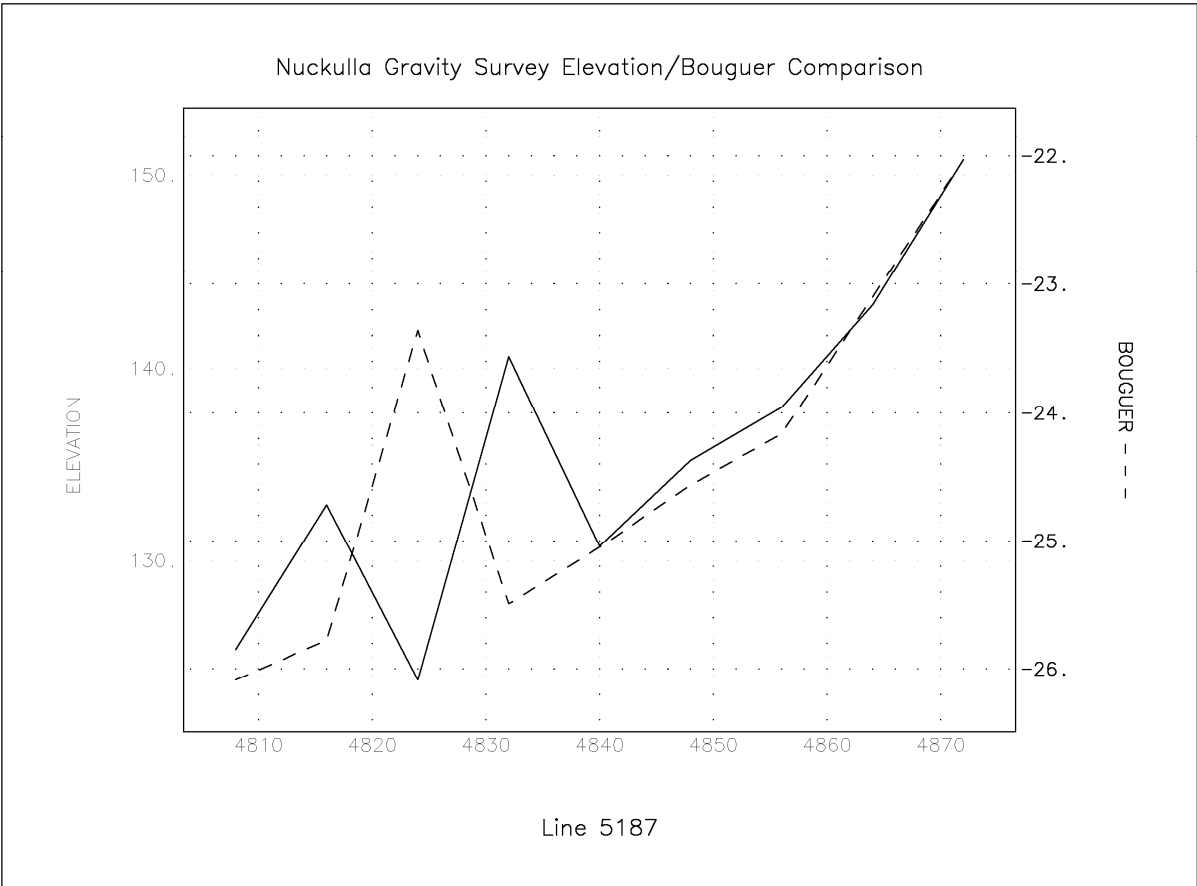
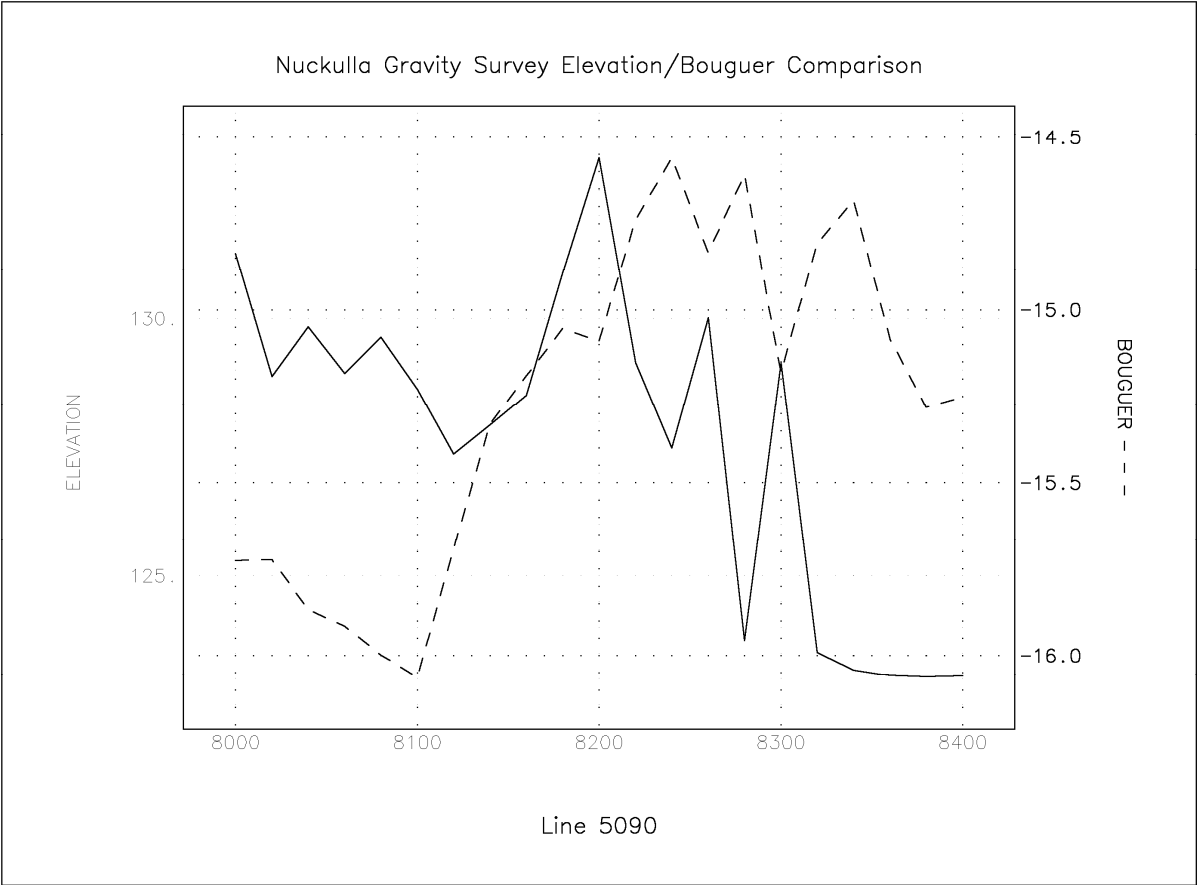












GRAVITY PROCESSING RESULTS

	COORDS		GRID		drift	corr'd	obs	anom	freeair	bouguer	bouguer	height
	E	N	x	y		meter	mgal		corn	corn	anom	(AHD)
D85										(2.67)		
482176.6	6511310.8	0	305	+0.000	3419.792	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482176.6	6511310.8	0	305	-0.001	3419.792	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482176.6	6511310.8	0	305	+0.548	3419.793	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482176.6	6511310.8	0	305	-0.009	3419.245	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482401.0	6512199.4	5122	4824	+0.512	3418.455	979402.098	-42.912	39.591	-14.356	-17.677	128.291	
483198.6	6512201.6	5122	4832	+0.525	3417.616	979401.259	-43.750	39.845	-14.448	-18.353	129.114	
482397.2	6513798.7	5138	4824	+0.482	3416.211	979399.854	-43.994	38.097	-13.814	-19.711	123.452	
483200.7	6513801.5	5138	4832	+0.468	3412.576	979396.219	-47.628	42.728	-15.493	-20.393	138.458	
484000.2	6513799.0	5138	4840	+0.455	3413.727	979397.370	-46.480	41.620	-15.092	-19.951	134.868	
484798.4	6513799.3	5138	4848	+0.438	3412.168	979395.811	-48.039	43.691	-15.842	-20.191	141.577	
485597.0	6513793.8	5138	4856	+0.425	3411.579	979395.222	-48.633	45.543	-16.514	-19.604	147.579	
486397.6	6513799.9	5138	4864	+0.414	3410.486	979394.129	-49.723	47.239	-17.129	-19.613	153.074	
487200.8	6513799.8	5138	4872	+0.400	3410.808	979394.451	-49.401	47.366	-17.175	-19.210	153.487	
483995.6	6515405.9	5154	4840	+0.328	3411.294	979394.937	-47.746	40.505	-14.687	-21.928	131.253	
484803.1	6515402.0	5154	4848	+0.338	3410.156	979393.799	-48.888	42.669	-15.472	-21.690	138.267	
485599.9	6515396.0	5154	4856	+0.351	3410.325	979393.968	-48.724	43.719	-15.853	-20.857	141.669	
486399.0	6515400.4	5154	4864	+0.367	3407.461	979391.104	-51.585	48.380	-17.543	-20.748	156.771	
487198.5	6515400.0	5154	4872	+0.380	3408.996	979392.639	-50.051	47.028	-17.053	-20.076	152.392	
480000.1	6517002.5	5170	4800	+0.110	3408.411	979392.054	-49.465	39.001	-14.142	-24.605	126.382	
480800.8	6516998.3	5170	4808	+0.096	3408.736	979392.379	-49.144	39.009	-14.145	-24.280	126.406	
481599.6	6516999.2	5170	4816	+0.083	3409.803	979393.446	-48.077	41.578	-15.076	-21.576	134.731	
483199.6	6516998.6	5170	4832	+0.060	3408.128	979391.771	-49.755	40.864	-14.818	-23.708	132.418	
484001.6	6516999.5	5170	4840	+0.049	3408.043	979391.686	-49.840	40.781	-14.787	-23.846	132.148	
484001.6	6516999.5	5170	4840	+0.309	3408.032	979391.675	-49.851	40.781	-14.787	-23.857	132.148	
484799.4	6517003.2	5170	4848	+0.297	3408.298	979391.941	-49.583	41.468	-15.036	-23.152	134.373	
485601.2	6517009.0	5170	4856	+0.287	3407.260	979390.903	-50.618	43.794	-15.880	-22.703	141.913	
486392.3	6516996.7	5170	4864	+0.275	3407.427	979391.070	-50.460	45.019	-16.324	-21.765	145.882	
487199.7	6516996.5	5170	4872	+0.253	3405.534	979389.177	-52.354	48.356	-17.534	-21.532	156.696	
480798.6	6518599.1	5186	4808	+0.128	3405.967	979389.610	-50.751	38.694	-14.031	-26.087	125.387	
481600.6	6518600.6	5186	4816	+0.139	3404.801	979388.444	-51.917	41.013	-14.872	-25.775	132.901	
482401.2	6518603.4	5186	4824	+0.151	3409.006	979392.649	-47.711	38.203	-13.853	-23.360	123.796	
483199.5	6518599.0	5186	4832	+0.164	3403.573	979387.216	-53.148	43.387	-15.732	-25.493	140.594	
483998.1	6518599.3	5186	4840	+0.176	3405.954	979389.597	-50.768	40.349	-14.631	-25.050	130.748	
484797.4	6518597.1	5186	4848	+0.192	3405.566	979389.209	-51.158	41.723	-15.129	-24.564	135.201	
485599.7	6518598.4	5186	4856	+0.205	3405.418	979389.061	-51.306	42.583	-15.441	-24.164	137.987	
486399.2	6518598.4	5186	4864	+0.216	3405.444	979389.087	-51.281	44.207	-16.030	-23.103	143.251	
487200.9	6518601.1	5186	4872	+0.229	3405.031	979388.674	-51.693	46.535	-16.874	-22.031	150.794	
D86												
482176.6	6511310.8	0	305	+0.000	3419.375	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482176.6	6511310.8	0	305	-0.005	3419.375	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482176.6	6511310.8	0	305	-0.268	3419.380	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
482176.6	6511310.8	0	305	+0.007	3419.648	979403.436	-42.219	39.624	-14.368	-16.963	128.399	
481602.2	6509000.9	5090	4816	-0.234	3422.715	979406.771	-40.562	39.621	-14.367	-15.308	128.388	
482399.7	6509001.2	5090	4824	-0.241	3423.522	979407.578	-39.756	39.321	-14.258	-14.693	127.416	
483196.7	6509000.7	5090	4832	-0.246	3424.080	979408.136	-39.199	38.071	-13.805	-14.933	123.367	
483997.7	6509000.7	5090	4840	-0.251	3423.684	979407.740	-39.596	37.948	-13.760	-15.409	122.967	
478404.8	6510599.3	5106	4784	-0.110	3419.331	979403.387	-42.780	40.717	-14.764	-16.827	131.942	
479202.7	6510601.9	5106	4792	-0.105	3421.703	979405.759	-40.407	38.009	-13.782	-16.181	123.165	
480003.5	6510601.5	5106	4800	-0.100	3421.472	979405.528	-40.640	38.030	-13.790	-16.399	123.235	
480795.7	6510602.3	5106	4808	-0.096	3420.401	979404.457	-41.711	39.207	-14.217	-16.721	127.049	
481599.1	6510596.8	5106	4816	-0.091	3421.587	979405.643	-40.530	37.957	-13.763	-16.337	122.997	
482403.5	6510600.9	5106	4824	-0.086	3419.353	979403.409	-42.762	40.647	-14.739	-16.854	131.714	
483202.8	6510600.0	5106	4832	-0.081	3419.581	979403.637	-42.536	39.665	-14.383	-17.253	128.533	
484002.2	6510598.0	5106	4840	-0.075	3419.512	979403.568	-42.607	39.608	-14.362	-17.361	128.347	
484801.9	6510599.1	5106	4848	-0.070	3416.547	979400.603	-45.572	43.894	-15.916	-17.594	142.237	
485600.1	6510600.4	5106	4856	-0.064	3418.517	979402.573	-43.602	43.488	-15.769	-15.883	140.920	
486401.9	6510602.1	5106	4864	-0.059	3422.490	979406.546	-39.629	37.965	-13.766	-15.430	123.022	
487198.9	6510600.1	5106	4872	-0.054	3420.994	979405.050	-41.127	40.545	-14.702	-15.284	131.383	
477600.1	6512197.7	5122	4776	-0.117	3415.308	979399.364	-45.640	39.719	-14.402	-20.323	128.708	
478400.8	6512202.6	5122	4784	-0.122	3415.945	979400.001	-45.001	40.219	-14.583	-19.366	130.326	
479197.2	6512197.9	5122	4792	-0.132	3416.559	979400.615	-44.392	40.320	-14.620	-18.692	130.654	
479998.3	6512200.5	5122	4800	-0.138	3416.463	979400.519	-44.487	41.032	-14.878	-18.333	132.962	
480798.4	6512201.1	5122	4808	-0.143	3418.412	979402.468	-42.539	39.078	-14.170	-17.630	126.630	
484002.7	6512202.0	5122	4840	-0.021	3416.458	979400.514	-44.496	40.253	-14.596	-18.839	130.439	
484797.7	6512199.6	5122	4848	-0.028	3413.481	979397.537	-47.476	44.504	-16.137	-19.109	144.212	
485597.9	6512202.0	5122	4856	-0.034	3413.687	979397.743	-47.269	45.467	-16.487	-18.288	147.334	
486402.7	6512198.2	5122	4864	-0.040	3414.815	979398.871	-46.144	44.417	-16.106	-17.833	143.931	
487192.1	6512207.2	5122	4872	-0.047	3415.258	979399.314	-45.695	43.447	-15.754	-18.002	140.789	
478396.6	6513798.6	5138	4784	-0.176	3411.843	979395.899	-47.944	40.788	-14.790	-21.945	132.172	
479202.9	6513799.4	5138	4792	-0.171	3413.895	979397.951	-45.892	38.975	-14.132	-21.050	126.295	
479994.8	6513796.0	5138	4800	-0.165	3413.475	979397.531	-46.316	40.456	-14.669	-20.530	131.095	
480798.5	6513800.5	5138	4808	-0.159	3416.138	979400.194	-43.651	37.991	-13.776	-19.436	123.106	
479202.1	6515399.3	5154	4792	-0.183	3411.772	979395.828	-46.853	37.843	-13.722	-22.732	122.629	
479991.4	6515401.5	5154	4800	-0.187	3410.868	979394.924	-47.757	39.019	-14.148	-22.887	126.438	
480798.0	6											

483994.1 6515400.6 5154 4840 -0.217 3410.883 979394.939 -47.748 40.544 -14.701 -21.905 131.381

D87

482176.6 6511310.8 0 305 +0.000 3419.911 979403.436 -42.219 39.624 -14.368 -16.963 128.399

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482176.6 6511310.8 0 305 -0.450 3419.908 979403.436 -42.219 39.624 -14.368 -16.963 128.399

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D148

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481802.7 6504999.7 5050 8180 -0.111 4065.262 979411.774 -38.469 41.731 -15.132 -11.870 135.226

482002.6 6505001.9 5050 8200 -0.112 4064.699 979411.211 -39.030 42.372 -15.364 -12.022 137.304

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480796.5 6505402.8 5054 8080 -0.161 4064.112 979410.624 -39.324 40.300 -14.613 -13.637 130.589

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481599.6	6505393.6	5054	8160	-0.152	4065.292	979411.804	-38.152	40.730	-14.769	-12.191	131.983
481805.7	6505403.7	5054	8180	-0.151	4064.991	979411.503	-38.446	41.325	-14.985	-12.105	133.911
481997.2	6505399.4	5054	8200	-0.149	4064.226	979410.738	-39.214	42.188	-15.298	-12.324	136.708
482197.8	6505399.3	5054	8220	-0.147	4063.764	979410.276	-39.676	42.643	-15.462	-12.496	138.181
482397.0	6505395.4	5054	8240	-0.146	4063.660	979410.172	-39.784	43.073	-15.618	-12.329	139.574
482595.1	6505400.4	5054	8260	-0.144	4063.076	979409.588	-40.364	43.717	-15.852	-12.499	141.663
482798.2	6505401.2	5054	8280	-0.142	4062.732	979409.244	-40.708	44.279	-16.056	-12.484	143.485
482998.4	6505404.7	5054	8300	-0.141	4062.429	979408.941	-41.009	44.659	-16.193	-12.543	144.714
483203.0	6505399.1	5054	8320	-0.139	4062.106	979408.618	-41.336	45.084	-16.348	-12.600	146.092
483395.8	6505394.8	5054	8340	-0.138	4061.275	979407.787	-42.170	45.988	-16.676	-12.857	149.023
483596.3	6505397.3	5054	8360	-0.136	4061.258	979407.770	-42.186	46.096	-16.715	-12.804	149.372
483802.9	6505405.5	5054	8380	-0.134	4062.025	979408.537	-41.413	45.162	-16.376	-12.627	146.345
483995.6	6505395.3	5054	8400	-0.132	4063.068	979409.580	-40.378	43.603	-15.811	-12.585	141.293
479994.7	6505797.9	5058	8000	-0.174	4062.765	979409.277	-40.383	39.530	-14.334	-15.186	128.096
480207.8	6505796.2	5058	8020	-0.177	4063.133	979409.645	-40.016	39.602	-14.360	-14.774	128.327
480405.6	6505798.4	5058	8040	-0.179	4063.512	979410.024	-39.636	39.521	-14.330	-14.446	128.064
480606.8	6505797.0	5058	8060	-0.181	4063.542	979410.054	-39.607	39.878	-14.460	-14.189	129.222
480804.9	6505807.8	5058	8080	-0.183	4063.417	979409.929	-39.725	40.372	-14.639	-13.991	130.824
481205.7	6505809.0	5058	8120	-0.188	4063.425	979409.937	-39.716	41.248	-14.957	-13.425	133.663
481411.9	6505805.0	5058	8140	-0.190	4064.254	979410.766	-38.890	40.934	-14.843	-12.799	132.644
481602.3	6505795.9	5058	8160	-0.193	4064.749	979411.261	-38.402	40.693	-14.755	-12.465	131.863
481796.8	6505800.0	5058	8180	-0.195	4064.710	979411.222	-38.439	41.220	-14.947	-12.165	133.572
482008.3	6505795.6	5058	8200	-0.197	4063.800	979410.312	-39.352	42.378	-15.366	-12.341	137.323
482206.0	6505803.1	5058	8220	-0.200	4063.934	979410.446	-39.213	42.186	-15.297	-12.324	136.702
482404.7	6505802.2	5058	8240	-0.202	4064.020	979410.532	-39.128	42.146	-15.282	-12.264	136.572
482607.3	6505795.9	5058	8260	-0.204	4063.567	979410.079	-39.585	42.353	-15.357	-12.590	137.243
482801.4	6505803.5	5058	8280	-0.206	4062.969	979409.481	-40.178	43.031	-15.603	-12.751	139.438
483004.6	6505799.4	5058	8300	-0.208	4062.800	979409.312	-40.350	43.506	-15.775	-12.620	140.977
483210.0	6505801.9	5058	8320	-0.210	4062.328	979408.840	-40.821	44.145	-16.007	-12.683	143.048
483399.5	6505799.9	5058	8340	-0.212	4062.058	979408.570	-41.092	44.685	-16.203	-12.610	144.799
483605.9	6505795.7	5058	8360	-0.214	4061.529	979408.041	-41.625	45.042	-16.332	-12.915	145.956
483807.4	6505790.9	5058	8380	-0.217	4061.574	979408.086	-41.584	44.657	-16.193	-13.119	144.709
484004.8	6505803.6	5058	8400	-0.219	4062.319	979408.831	-40.830	43.807	-15.885	-12.907	141.954
D149											
482176.6	6511310.8	0	305	+0.000	4057.013	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.002	4057.013	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.108	4057.011	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.003	4057.119	979403.436	-42.219	39.624	-14.368	-16.963	128.399
479998.1	6505004.0	5050	8000	-0.102	4063.784	979410.209	-40.028	39.336	-14.264	-14.955	127.467
480191.1	6505001.6	5050	8020	-0.103	4063.612	979410.037	-40.202	39.660	-14.381	-14.923	128.515
479994.6	6505798.0	5058	8000	-0.004	4062.826	979409.251	-40.409	39.521	-14.331	-15.218	128.067
480802.4	6505800.4	5058	8080	-0.010	4063.527	979409.952	-39.707	40.353	-14.632	-13.986	130.761
481007.9	6505800.3	5058	8100	-0.011	4063.598	979410.023	-39.636	40.984	-14.861	-13.513	132.805
479995.5	6506200.0	5062	8000	-0.005	4062.834	979409.259	-40.108	39.554	-14.342	-14.897	128.171
480202.7	6506201.8	5062	8020	-0.006	4062.987	979409.412	-39.954	39.567	-14.347	-14.735	128.213
480400.6	6506198.4	5062	8040	-0.007	4063.298	979409.723	-39.646	39.570	-14.348	-14.424	128.224
480602.6	6506204.6	5062	8060	-0.008	4063.410	979409.835	-39.530	39.801	-14.432	-14.161	128.974
480801.8	6506201.1	5062	8080	-0.009	4063.455	979409.880	-39.487	40.237	-14.590	-13.840	130.387
480999.2	6506198.3	5062	8100	-0.013	4063.600	979410.025	-39.345	40.596	-14.720	-13.469	131.549
481198.9	6506197.5	5062	8120	-0.013	4063.750	979410.175	-39.196	40.976	-14.858	-13.078	132.779
481402.9	6506204.8	5062	8140	-0.014	4064.075	979410.500	-38.866	40.706	-14.760	-12.920	131.906
481598.9	6506200.7	5062	8160	-0.015	4064.225	979410.650	-38.719	40.914	-14.836	-12.640	132.581
481799.5	6506207.7	5062	8180	-0.016	4063.920	979410.345	-39.019	41.335	-14.988	-12.672	133.945
481999.4	6506201.0	5062	8200	-0.017	4063.751	979410.176	-39.193	41.726	-15.130	-12.597	135.211
482201.1	6506198.3	5062	8220	-0.017	4063.734	979410.159	-39.212	41.894	-15.191	-12.509	135.756
482398.3	6506201.9	5062	8240	-0.018	4063.994	979410.419	-38.950	41.425	-15.021	-12.546	134.235
482601.2	6506199.7	5062	8260	-0.019	4064.038	979410.463	-38.908	41.507	-15.051	-12.451	134.501
482797.3	6506200.5	5062	8280	-0.019	4063.622	979410.047	-39.324	41.757	-15.141	-12.708	135.312
483000.6	6506204.3	5062	8300	-0.020	4062.837	979409.262	-40.106	42.393	-15.372	-13.085	137.373
483195.9	6506198.1	5062	8320	-0.021	4062.539	979408.964	-40.409	42.827	-15.529	-13.111	138.779
483396.4	6506201.5	5062	8340	-0.022	4061.949	979408.374	-40.997	43.300	-15.701	-13.397	140.311
483599.4	6506201.1	5062	8360	-0.022	4061.606	979408.031	-41.340	43.818	-15.889	-13.411	141.990
483800.3	6506202.7	5062	8380	-0.023	4061.569	979407.994	-41.376	44.111	-15.995	-13.260	142.940
484000.2	6506194.4	5062	8400	-0.024	4061.641	979408.066	-41.310	44.190	-16.024	-13.144	143.196
480001.2	6506596.4	5066	8000	-0.040	4062.808	979409.233	-39.846	39.508	-14.326	-14.664	128.024
480199.4	6506595.7	5066	8020	-0.039	4062.882	979409.307	-39.773	39.692	-14.393	-14.473	128.621
480401.5	6506599.5	5066	8040	-0.038	4062.992	979409.417	-39.660	39.608	-14.362	-14.414	128.348
480599.4	6506606.5	5066	8060	-0.037	4063.491	979409.916	-39.156	39.419	-14.294	-14.031	127.735
480795.6	6506597.8	5066	8080	-0.037	4063.819	979410.244	-38.835	39.478	-14.315	-13.672	127.925
480999.7	6506601.4	5066	8100	-0.036	4064.111	979410.536	-38.541	39.607	-14.362	-13.296	128.343
481200.4	6506605.6	5066	8120	-0.035	4063.805	979410.230	-38.844	39.873	-14.458	-13.429	129.207
481401.5	6506602.7	5066	8140	-0.035	4063.772	979410.197	-38.879	40.329	-14.623	-13.174	130.683
481600.0	6506599.5	5066	8160	-0.034	4063.875	979410.300	-38.779	40.678	-14.750	-12.851	131.816
481801.9	6506604.0	5066	8180	-0.033	4064.132	979410.557	-38.519	40.662	-14.744	-12.601	131.762
482001.0	6506603.5	5066	8200	-0.033	4063.696	979410.121	-38.955	40.895	-14.829	-12.889	132.517
482199.7	6506593.0	5066	8220	-0.032	4063.781	979410.206	-38.878	41.074	-14.894	-12.698	133.098
482399.3	6506605.2	5066	8240	-0.031	4063.552	979409.977	-39.099	41.114	-14.908	-12.893	133.226
482604.8	6506600.3	5066	8260	-0.030	4063.564	979409.989	-39.091	41.150	-14.921	-12.862	133.345
482798.7	6506602.2	5066	8280	-0.030	4062.960	979409.385	-39.693	41.769	-15.146	-13.070	135.349
483000.5	6506601.5	5066	8300	-0.029	4062.013	979408.438	-40.641	42.570	-15.436	-13.507	137.945
483198.9	6506589.5	5066	8320	-0.028	4061.358	979407.783	-41.305	43.546	-15.790	-13.549	141.108
483401.0	6506598.3	5066	8340	-0.027	4060.430	979406.855	-42.227	44.546	-16.153	-13.833	144.350
483596.9	6506600.6	5066	8360	-0.027	4060.093	979406.518	-42.562	44.928	-16.291	-13.926	145.586

483800.3	6506598.9	5066	8380	-0.026	4059.833	979406.258	-42.824	45.464	-16.485	-13.846	147.322
483993.1	6506596.7	5066	8400	-0.025	4059.941	979406.366	-42.718	45.707	-16.573	-13.585	148.110
479994.7	6506995.8	5070	8000	-0.041	4061.929	979408.354	-40.435	39.911	-14.472	-14.995	129.330
480199.8	6506998.1	5070	8020	-0.041	4061.766	979408.191	-40.596	40.401	-14.649	-14.845	130.916
480400.4	6506999.7	5070	8040	-0.042	4062.322	979408.747	-40.039	40.418	-14.656	-14.277	130.973
480594.7	6506993.8	5070	8060	-0.043	4062.779	979409.204	-39.587	40.054	-14.524	-14.057	129.793
480796.8	6507008.0	5070	8080	-0.044	4063.084	979409.509	-39.272	39.823	-14.440	-13.889	129.044
480999.8	6507000.9	5070	8100	-0.044	4063.435	979409.860	-38.926	39.544	-14.339	-13.721	128.139
481198.2	6506999.4	5070	8120	-0.045	4063.344	979409.769	-39.019	39.915	-14.473	-13.577	129.343
481401.6	6506992.5	5070	8140	-0.046	4063.318	979409.743	-39.050	40.427	-14.659	-13.282	131.002
481599.2	6506995.3	5070	8160	-0.046	4063.399	979409.824	-38.967	40.510	-14.689	-13.146	131.270
481798.6	6507001.6	5070	8180	-0.047	4063.657	979410.082	-38.705	40.362	-14.635	-12.978	130.791
482002.7	6507001.6	5070	8200	-0.048	4063.551	979409.976	-38.811	40.442	-14.664	-13.034	131.049
482204.4	6507006.5	5070	8220	-0.048	4063.426	979409.851	-38.933	40.833	-14.806	-12.906	132.316
482398.4	6507002.5	5070	8240	-0.049	4062.852	979409.277	-39.510	41.615	-15.090	-12.985	134.850
482599.6	6506995.5	5070	8260	-0.050	4062.655	979409.080	-39.712	41.468	-15.036	-13.281	134.374
482802.4	6506999.7	5070	8280	-0.050	4062.010	979408.435	-40.354	42.285	-15.333	-13.402	137.022
482998.3	6507003.3	5070	8300	-0.051	4061.714	979408.139	-40.648	42.377	-15.366	-13.637	137.319
483200.4	6506998.9	5070	8320	-0.052	4060.932	979407.357	-41.433	43.142	-15.643	-13.935	139.799
483401.4	6506999.2	5070	8340	-0.052	4060.354	979406.779	-42.011	43.645	-15.826	-14.192	141.429
483598.4	6506994.8	5070	8360	-0.053	4059.986	979406.411	-42.383	44.229	-16.038	-14.191	143.322
483801.4	6506996.9	5070	8380	-0.054	4059.561	979405.986	-42.807	44.783	-16.238	-14.262	145.116
483998.8	6507001.1	5070	8400	-0.054	4059.998	979406.423	-42.367	44.271	-16.053	-14.149	143.458
480005.7	6507394.3	5074	8000	-0.071	4061.466	979407.891	-40.608	39.983	-14.498	-15.123	129.561
480206.1	6507406.5	5074	8020	-0.070	4061.887	979408.312	-40.178	39.803	-14.433	-14.808	128.978
480398.7	6507405.9	5074	8040	-0.069	4061.984	979408.409	-40.082	40.003	-14.505	-14.585	129.626
480598.7	6507398.8	5074	8060	-0.068	4062.479	979408.904	-39.592	39.890	-14.464	-14.167	129.261
480801.9	6507395.0	5074	8080	-0.066	4063.045	979409.470	-39.029	39.495	-14.321	-13.855	127.982
480998.6	6507406.9	5074	8100	-0.066	4063.109	979409.534	-38.957	39.474	-14.313	-13.796	127.913
481198.3	6507398.6	5074	8120	-0.065	4063.323	979409.748	-38.749	39.406	-14.289	-13.632	127.694
481398.3	6507399.5	5074	8140	-0.064	4063.725	979410.150	-38.347	39.439	-14.301	-13.209	127.799
481598.3	6507398.9	5074	8160	-0.063	4063.677	979410.102	-38.396	39.560	-14.345	-13.180	128.192
481805.2	6507402.3	5074	8180	-0.063	4063.368	979409.793	-38.702	39.830	-14.442	-13.315	129.066
481997.2	6507402.3	5074	8200	-0.062	4063.182	979409.607	-38.889	40.225	-14.586	-13.250	130.346
482199.6	6507394.8	5074	8220	-0.062	4063.241	979409.666	-38.835	40.772	-14.784	-12.848	132.119
482406.0	6507399.5	5074	8240	-0.061	4062.684	979409.109	-39.389	41.272	-14.965	-13.083	133.740
482595.2	6507398.5	5074	8260	-0.060	4062.078	979408.503	-39.996	41.566	-15.072	-13.502	134.692
482798.3	6507399.8	5074	8280	-0.059	4062.066	979408.491	-40.008	41.560	-15.070	-13.518	134.672
482998.7	6507402.6	5074	8300	-0.059	4061.474	979407.899	-40.598	42.083	-15.259	-13.775	136.366
483199.6	6507399.6	5074	8320	-0.058	4060.434	979406.859	-41.640	42.870	-15.545	-14.315	138.917
483401.8	6507400.9	5074	8340	-0.057	4059.839	979406.264	-42.234	43.244	-15.681	-14.671	140.131
483595.6	6507400.9	5074	8360	-0.057	4059.536	979405.961	-42.538	43.702	-15.846	-14.682	141.613
483796.3	6507400.5	5074	8380	-0.056	4059.208	979405.633	-42.866	44.041	-15.969	-14.795	142.712
483996.0	6507396.8	5074	8400	-0.055	4059.067	979405.492	-43.010	44.503	-16.137	-14.644	144.208
479997.2	6507799.7	5078	8000	-0.073	4060.778	979407.203	-41.001	40.355	-14.633	-15.279	130.768
480199.5	6507800.9	5078	8020	-0.075	4062.426	979408.851	-39.353	38.472	-13.950	-14.831	124.666
480407.5	6507801.8	5078	8040	-0.076	4062.736	979409.161	-39.042	38.127	-13.825	-14.740	123.548
480603.6	6507799.8	5078	8060	-0.076	4061.546	979407.971	-40.234	40.136	-14.553	-14.652	130.057
480803.7	6507792.3	5078	8080	-0.077	4062.364	979408.789	-39.422	39.459	-14.308	-14.270	127.866
480998.1	6507793.1	5078	8100	-0.079	4062.300	979408.725	-39.485	39.524	-14.331	-14.293	128.074
481199.4	6507802.2	5078	8120	-0.080	4063.561	979409.986	-38.218	38.495	-13.958	-13.682	124.740
481406.8	6507796.6	5078	8140	-0.080	4064.258	979410.683	-37.525	38.104	-13.817	-13.238	123.475
481602.6	6507806.7	5078	8160	-0.081	4063.516	979409.941	-38.260	38.971	-14.131	-13.420	126.282
481797.6	6507803.4	5078	8180	-0.082	4062.328	979408.753	-39.451	40.361	-14.635	-13.725	130.787
482001.9	6507795.9	5078	8200	-0.083	4062.582	979409.007	-39.203	40.023	-14.512	-13.692	129.692
482197.1	6507790.5	5078	8220	-0.084	4062.195	979408.620	-39.594	40.644	-14.738	-13.688	131.703
482397.9	6507795.6	5078	8240	-0.085	4061.852	979408.277	-39.933	41.628	-15.094	-13.400	132.892
482597.5	6507797.9	5078	8260	-0.086	4062.011	979408.436	-39.773	41.204	-14.941	-13.510	133.518
482800.4	6507802.0	5078	8280	-0.088	4061.957	979408.382	-39.824	40.849	-14.812	-13.787	132.369
482997.8	6507796.6	5078	8300	-0.089	4061.686	979408.111	-40.099	40.970	-14.856	-13.985	132.762
483200.2	6507798.4	5078	8320	-0.090	4061.027	979407.452	-40.757	41.525	-15.057	-14.290	134.558
483405.3	6507796.3	5078	8340	-0.091	4060.249	979406.674	-41.537	42.301	-15.339	-14.574	137.074
483602.9	6507803.8	5078	8360	-0.092	4059.576	979406.001	-42.205	42.780	-15.512	-14.937	138.626
483802.1	6507805.0	5078	8380	-0.093	4059.872	979406.297	-41.908	42.357	-15.359	-14.910	137.254
483998.2	6507797.8	5078	8400	-0.094	4059.430	979405.855	-42.356	42.948	-15.573	-14.981	139.169
483798.4	6508203.1	5082	8380	-0.097	4059.555	979405.980	-41.936	41.985	-15.224	-15.174	136.051
484003.9	6508203.4	5082	8400	-0.095	4059.033	979405.458	-42.458	42.531	-15.422	-15.349	137.818
D150											
482176.6	6511310.8	0	305	+0.000	4057.215	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.007	4057.215	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.271	4057.208	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.000	4056.937	979403.436	-42.219	39.624	-14.368	-16.963	128.399
480598.6	6507399.1	5074	8060	+0.242	4062.699	979408.927	-39.569	39.892	-14.465	-14.142	129.267
480803.9	6507792.4	5078	8080	+0.239	4062.589	979408.817	-39.394	39.462	-14.309	-14.241	127.874
479991.1	6508199.0	5082	8000	+0.110	4060.935	979407.163	-40.751	39.709	-14.399	-15.440	128.675
480199.5	6508194.6	5082	8020	+0.113	4060.651	979406.879	-41.038	40.271	-14.603	-15.370	130.497
480398.8	6508203.2	5082	8040	+0.116	4062.511	979408.739	-39.172	38.040	-13.793	-14.926	123.266
480608.1	6508202.6	5082	8060	+0.119	4062.518	979408.746	-39.166	38.042	-13.794	-14.918	123.272
480799.0	6508199.3	5082	8080	+0.122	4060.661	979406.889	-41.026	40.692	-14.755	-15.089	131.860
481005.5	6508201.7	5082	8100	+0.011	4061.680	979407.908	-40.005	39.251	-14.232	-14.987	127.189
481194.0	6508205.9	5082	8120	+0.015	4061.988	979408.216	-39.694	39.490	-14.319	-14.524	127.964
481405.2	6508204.7	5082	8140	+0.018	4062.156	979408.384	-39.528	39.958	-14.489	-14.059	129.481
481607.1	6508194.8	5082	8160	+0.020	4062.013	979408.241	-39.678	40.299	-14.613	-13.991	130.588

481804.1	6508202.5	5082	8180	+0.023	4061.336	979407.564	-40.350	41.131	-14.914	-14.133	133.283
482002.5	6508193.6	5082	8200	+0.025	4061.286	979407.514	-40.407	41.297	-14.974	-14.084	133.820
482194.6	6508200.7	5082	8220	+0.027	4062.609	979408.837	-39.078	39.365	-14.274	-13.987	127.560
482407.1	6508195.2	5082	8240	+0.030	4062.240	979408.468	-39.452	39.857	-14.452	-14.047	129.155
482599.6	6508198.8	5082	8260	+0.032	4062.333	979408.561	-39.356	39.804	-14.433	-13.985	128.984
482801.9	6508196.6	5082	8280	+0.035	4062.217	979408.445	-39.474	39.846	-14.448	-14.077	129.119
483003.3	6508199.7	5082	8300	+0.037	4061.988	979408.216	-39.701	39.991	-14.501	-14.211	129.589
483195.7	6508210.5	5082	8320	+0.040	4061.729	979407.957	-39.953	40.169	-14.565	-14.349	130.164
483401.6	6508201.0	5082	8340	+0.042	4061.347	979407.575	-40.342	40.508	-14.688	-14.522	131.264
483601.6	6508191.1	5082	8360	+0.044	4060.858	979407.086	-40.838	41.042	-14.882	-14.678	132.994
483797.3	6508202.6	5082	8380	+0.046	4059.725	979405.953	-41.963	41.981	-15.223	-15.204	136.038
484003.0	6508204.7	5082	8400	+0.049	4059.210	979405.438	-42.477	42.509	-15.414	-15.382	137.747
480004.6	6508595.3	5086	8000	+0.106	4059.419	979405.647	-41.979	41.008	-14.870	-15.840	132.885
480193.7	6508598.0	5086	8020	+0.103	4059.425	979405.653	-41.971	41.135	-14.916	-15.752	133.296
480396.1	6508604.5	5086	8040	+0.100	4060.489	979406.717	-40.903	39.883	-14.462	-15.482	129.237
480594.9	6508605.7	5086	8060	+0.098	4060.560	979406.788	-40.831	39.641	-14.374	-15.564	128.454
480798.2	6508598.9	5086	8080	+0.096	4060.156	979406.384	-41.240	40.059	-14.526	-15.707	129.809
480992.9	6508590.8	5086	8100	+0.093	4060.688	979406.916	-40.714	39.540	-14.337	-15.512	128.126
481201.0	6508602.8	5086	8120	+0.090	4060.909	979407.137	-40.485	39.719	-14.402	-15.168	128.708
481390.0	6508597.3	5086	8140	+0.087	4061.577	979407.805	-39.821	39.382	-14.280	-14.719	127.616
481597.3	6508596.6	5086	8160	+0.085	4062.302	979408.530	-39.097	38.719	-14.040	-14.417	125.467
481797.7	6508606.8	5086	8180	+0.083	4062.879	979409.107	-38.513	38.041	-13.794	-14.266	123.270
481995.9	6508598.5	5086	8200	+0.080	4063.166	979409.394	-38.232	38.155	-13.835	-13.912	123.640
482203.3	6508600.9	5086	8220	+0.078	4062.713	979408.941	-38.684	38.494	-13.958	-14.148	124.736
482405.2	6508601.0	5086	8240	+0.075	4060.385	979406.613	-41.012	41.217	-14.945	-14.740	133.561
482603.0	6508601.0	5086	8260	+0.072	4061.741	979407.969	-39.656	39.507	-14.325	-14.475	128.019
482789.6	6508608.0	5086	8280	+0.070	4061.949	979408.177	-39.443	39.105	-14.180	-14.518	126.717
482996.5	6508598.3	5086	8300	+0.068	4061.948	979408.176	-39.451	39.248	-14.231	-14.435	127.180
483193.4	6508605.3	5086	8320	+0.065	4061.602	979407.830	-39.793	39.481	-14.316	-14.628	127.935
483394.5	6508604.8	5086	8340	+0.062	4061.168	979407.396	-40.227	39.860	-14.453	-14.821	129.164
483599.5	6508598.8	5086	8360	+0.060	4060.938	979407.166	-40.462	40.247	-14.594	-14.808	130.418
483798.4	6508608.8	5086	8380	+0.057	4059.137	979405.365	-42.256	42.114	-15.271	-15.413	136.467
483995.7	6508600.0	5086	8400	+0.053	4060.159	979406.387	-41.240	40.603	-14.723	-15.360	131.571
479996.3	6508995.3	5090	8000	+0.142	4059.561	979405.789	-41.546	40.508	-14.688	-15.726	131.264
480198.4	6508998.4	5090	8020	+0.140	4060.031	979406.259	-41.074	39.773	-14.422	-15.723	128.881
480398.4	6508999.6	5090	8040	+0.138	4059.697	979405.925	-41.407	40.069	-14.529	-15.868	129.841
480596.1	6508995.0	5090	8060	+0.136	4059.831	979406.059	-41.277	39.790	-14.428	-15.915	128.936
480795.4	6509000.0	5090	8080	+0.134	4059.607	979405.835	-41.498	40.007	-14.507	-15.998	129.639
481005.8	6508991.5	5090	8100	+0.131	4059.748	979405.976	-41.363	39.695	-14.394	-16.062	128.629
481197.5	6508988.6	5090	8120	+0.128	4060.370	979406.598	-40.744	39.306	-14.252	-15.690	127.368
481397.9	6508995.1	5090	8140	+0.152	4060.615	979406.843	-40.494	39.479	-14.315	-15.330	127.930
481603.2	6509000.7	5090	8160	+0.154	4060.637	979406.865	-40.468	39.658	-14.380	-15.190	128.509
481801.4	6508993.7	5090	8180	+0.156	4060.308	979406.536	-40.803	40.397	-14.648	-15.054	130.903
482002.6	6508994.4	5090	8200	+0.158	4059.835	979406.063	-41.275	41.081	-14.896	-15.090	133.122
482199.8	6509002.5	5090	8220	+0.160	4060.963	979407.191	-40.142	39.854	-14.451	-14.739	129.143
482401.6	6508994.2	5090	8240	+0.162	4061.474	979407.702	-39.637	39.342	-14.266	-14.560	127.486
482597.1	6508999.8	5090	8260	+0.163	4060.700	979406.928	-40.407	40.122	-14.548	-14.833	130.013
482798.7	6508999.0	5090	8280	+0.165	4062.159	979408.387	-38.949	38.189	-13.847	-14.608	123.749
482998.5	6508999.4	5090	8300	+0.167	4060.525	979406.753	-40.583	39.854	-14.451	-15.180	129.144
483200.3	6509000.0	5090	8320	+0.169	4062.005	979408.233	-39.103	38.116	-13.821	-14.808	123.513
483400.2	6508999.2	5090	8340	+0.171	4062.199	979408.427	-38.909	38.009	-13.782	-14.683	123.167
483605.8	6508999.9	5090	8360	+0.173	4061.818	979408.046	-39.290	37.976	-13.770	-15.084	123.060
483801.2	6508998.0	5090	8380	+0.175	4061.627	979407.855	-39.483	37.969	-13.768	-15.282	123.036
483997.5	6509001.2	5090	8400	+0.177	4061.652	979407.880	-39.456	37.974	-13.769	-15.252	123.051
479994.7	6509403.8	5094	8000	+0.218	4059.333	979405.561	-41.477	40.289	-14.609	-15.797	130.555
480196.6	6509398.7	5094	8020	+0.216	4059.213	979405.441	-41.601	40.089	-14.536	-16.049	129.905
480405.1	6509398.0	5094	8040	+0.214	4059.685	979405.913	-41.130	39.270	-14.239	-16.099	127.252
480598.0	6509399.3	5094	8060	+0.213	4059.358	979405.586	-41.456	39.628	-14.369	-16.198	128.411
480799.9	6509397.7	5094	8080	+0.211	4059.348	979405.576	-41.468	39.391	-14.283	-16.360	127.645
481000.2	6509399.2	5094	8100	+0.209	4059.581	979405.809	-41.234	39.115	-14.183	-16.302	126.751
481199.2	6509394.2	5094	8120	+0.207	4059.192	979405.420	-41.627	39.895	-14.466	-16.198	129.276
481600.6	6509400.3	5094	8160	+0.203	4060.197	979406.425	-40.618	39.416	-14.292	-15.494	127.725
481399.2	6509403.2	5094	8140	+0.205	4059.639	979405.867	-41.173	39.706	-14.397	-15.865	128.664
481801.9	6509397.8	5094	8180	+0.201	4060.436	979406.664	-40.381	39.397	-14.286	-15.269	127.665
481993.5	6509394.5	5094	8200	+0.199	4060.535	979406.763	-40.285	39.564	-14.346	-15.067	128.204
482195.1	6509400.0	5094	8220	+0.197	4060.366	979406.594	-40.450	39.802	-14.432	-15.080	128.975
482403.0	6509400.3	5094	8240	+0.195	4060.800	979407.028	-40.016	39.480	-14.315	-14.852	127.931
482597.4	6509394.6	5094	8260	+0.193	4061.454	979407.682	-39.366	38.556	-13.981	-14.791	124.938
482799.8	6509401.0	5094	8280	+0.191	4060.406	979406.634	-40.410	39.598	-14.358	-15.170	128.315
482998.8	6509400.7	5094	8300	+0.189	4060.081	979406.309	-40.735	39.494	-14.321	-15.562	127.977
483199.3	6509400.6	5094	8320	+0.187	4061.159	979407.387	-39.658	38.116	-13.821	-15.362	123.514
483390.6	6509402.4	5094	8340	+0.186	4059.211	979405.439	-41.604	40.329	-14.624	-15.899	130.685
483597.8	6509398.6	5094	8360	+0.184	4060.151	979406.379	-40.668	39.269	-14.239	-15.637	127.250
483797.9	6509406.8	5094	8380	+0.182	4059.913	979406.141	-40.900	39.539	-14.337	-15.697	128.125
483999.9	6509401.3	5094	8400	+0.180	4059.293	979405.521	-41.524	39.986	-14.499	-16.037	129.572
480002.3	6509794.4	5098	8000	+0.220	4059.343	979405.571	-41.183	39.250	-14.232	-16.166	127.187
480198.6	6509799.9	5098	8020	+0.222	4060.069	979406.297	-40.453	38.226	-13.861	-16.089	123.868
480397.4	6509799.4	5098	8040	+0.224	4058.318	979404.546	-42.205	40.324	-14.622	-16.503	130.669
480600.0	6509798.3	5098	8060	+0.226	4060.114	979406.342	-40.410	38.123	-13.824	-16.111	123.535
480803.1	6509799.1	5098	8080	+0.228	4057.945	979404.173	-42.579	40.476	-14.677	-16.780	131.161
481001.2	6509800.8	5098	8100	+0.230	4059.800	979406.028	-40.723	38.057	-13.800	-16.465	123.322
481197.7	6509802.1	5098	8120	+0.232	4059.243	979405.471	-41.279	39.075	-14.169	-16.373	126.619
481399.6	6509801.1	5098	8140	+0.234	4058.679	979404.907	-41.844	40.220	-14.584	-16.208	130.330

481593.2	6509799.7	5098	8160	+0.236	4059.229	979405.457	-41.296	39.796	-14.430	-15.930	128.955
481800.1	6509799.2	5098	8180	+0.246	4059.470	979405.698	-41.055	39.675	-14.386	-15.767	128.563
481999.3	6509797.4	5098	8200	+0.248	4059.622	979405.850	-40.905	39.762	-14.418	-15.560	128.847
482199.8	6509794.3	5098	8220	+0.250	4059.334	979405.562	-41.195	40.115	-14.546	-15.626	129.990
482397.3	6509799.3	5098	8240	+0.252	4059.865	979406.093	-40.661	39.580	-14.352	-15.433	128.256
482598.4	6509798.6	5098	8260	+0.253	4059.482	979405.710	-41.045	39.880	-14.461	-15.625	129.230
482800.6	6509800.2	5098	8280	+0.255	4059.716	979405.944	-40.810	39.459	-14.308	-15.658	127.866
483000.4	6509804.6	5098	8300	+0.257	4059.976	979406.204	-40.547	38.820	-14.076	-15.803	125.794
483201.2	6509794.5	5098	8320	+0.258	4059.359	979405.587	-41.171	39.414	-14.292	-16.049	127.720
483398.8	6509798.2	5098	8340	+0.260	4058.361	979404.589	-42.167	40.629	-14.732	-16.270	131.657
483596.8	6509799.6	5098	8360	+0.262	4059.092	979405.320	-41.435	39.787	-14.427	-16.075	128.929
483798.2	6509796.5	5098	8380	+0.263	4059.075	979405.303	-41.455	39.812	-14.436	-16.079	129.007
483999.0	6509806.6	5098	8400	+0.265	4059.055	979405.283	-41.467	39.684	-14.390	-16.173	128.594

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482176.6	6511310.8	0	305	+0.000	4057.111	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.001	4057.111	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.144	4057.110	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.010	4056.966	979403.436	-42.219	39.624	-14.368	-16.963	128.399
481199.4	6509394.3	5094	8120	+0.142	4059.116	979405.442	-41.605	39.869	-14.457	-16.192	129.194
481399.3	6509403.2	5094	8140	+0.141	4059.549	979405.875	-41.166	39.711	-14.399	-15.854	128.680
477598.1	6509796.1	5098	7760	+0.024	4059.035	979405.361	-41.389	37.822	-13.714	-17.281	122.559
478004.2	6509804.6	5098	7800	+0.026	4057.880	979404.206	-42.538	40.326	-14.622	-16.834	130.674
478404.2	6509806.7	5098	7840	+0.029	4059.339	979405.665	-41.078	38.911	-14.109	-16.276	126.090
478808.0	6509794.0	5098	7880	+0.031	4060.491	979406.817	-39.936	37.827	-13.716	-15.825	122.576
479200.0	6509796.3	5098	7920	+0.033	4058.555	979404.881	-41.871	40.136	-14.553	-16.288	130.057
479601.5	6509804.5	5098	7960	+0.035	4058.310	979404.636	-42.110	40.474	-14.676	-16.313	131.152
480002.2	6509793.8	5098	8000	+0.036	4059.221	979405.547	-41.208	39.230	-14.225	-16.203	127.121
480396.8	6509799.2	5098	8040	+0.037	4058.183	979404.509	-42.242	40.336	-14.626	-16.532	130.707
477593.0	6510203.0	5102	7760	+0.023	4058.288	979404.614	-41.840	37.849	-13.724	-17.715	122.648
477991.8	6510205.2	5102	7800	+0.020	4059.130	979405.456	-40.997	37.851	-13.725	-16.871	122.654
478399.7	6510199.5	5102	7840	+0.019	4059.104	979405.430	-41.027	38.658	-14.017	-16.387	125.268
478802.5	6510196.6	5102	7880	+0.017	4058.573	979404.899	-41.561	39.174	-14.205	-16.592	126.940
479197.6	6510200.4	5102	7920	+0.016	4059.598	979405.924	-40.534	38.164	-13.838	-16.209	123.668
479599.1	6510198.0	5102	7960	+0.014	4058.218	979404.544	-41.916	39.824	-14.440	-16.533	129.047
479990.8	6510202.9	5102	8000	+0.013	4058.381	979404.707	-41.750	39.732	-14.407	-16.426	128.748
480392.1	6510201.7	5102	8040	+0.012	4058.817	979405.143	-41.316	38.892	-14.102	-16.527	126.026
480799.0	6510202.1	5102	8080	+0.010	4057.697	979404.023	-42.436	40.182	-14.570	-16.824	130.209
481193.2	6510195.9	5102	8120	+0.009	4059.319	979405.645	-40.819	38.001	-13.779	-16.597	123.140
481591.9	6510205.6	5102	8160	+0.007	4059.131	979405.457	-41.001	38.930	-14.116	-16.187	126.150
481999.6	6510195.1	5102	8200	+0.042	4059.339	979405.665	-40.801	38.929	-14.116	-15.988	126.147
482402.1	6510198.2	5102	8240	+0.043	4059.884	979406.210	-40.254	38.074	-13.806	-15.986	123.377
482798.9	6510207.8	5102	8280	+0.044	4057.877	979404.203	-42.254	40.452	-14.668	-16.471	131.081
483202.6	6510201.3	5102	8320	+0.046	4058.101	979404.427	-42.036	39.926	-14.477	-16.587	129.377
477603.3	6510609.3	5106	7760	+0.067	4057.532	979403.858	-42.301	37.866	-13.730	-18.165	122.703
478005.1	6510599.8	5106	7800	+0.066	4058.552	979404.878	-41.288	37.865	-13.730	-17.153	122.699
478402.2	6510599.4	5106	7840	+0.064	4057.199	979403.525	-42.642	40.739	-14.772	-16.675	132.013
478794.4	6510602.0	5106	7880	+0.063	4058.658	979404.984	-41.182	38.656	-14.017	-16.542	125.263
479197.6	6510601.6	5106	7920	+0.062	4059.549	979405.875	-40.291	38.043	-13.794	-16.043	123.275
479600.9	6510599.5	5106	7960	+0.060	4058.449	979404.775	-41.394	39.481	-14.316	-16.229	127.936
480000.6	6510601.8	5106	8000	+0.059	4059.308	979405.634	-40.534	38.061	-13.801	-16.274	123.334
480400.2	6510595.9	5106	8040	+0.058	4058.758	979405.084	-41.088	38.888	-14.101	-16.302	126.013
480789.6	6510602.4	5106	8080	+0.056	4058.127	979404.453	-41.715	39.386	-14.281	-16.611	127.627
481207.4	6510594.7	5106	8120	+0.055	4059.545	979405.871	-40.303	37.989	-13.775	-16.089	123.102
481599.3	6510600.5	5106	8160	+0.053	4059.425	979405.751	-40.420	37.994	-13.777	-16.202	123.118
481993.9	6510598.7	5106	8200	+0.051	4057.172	979403.498	-42.674	40.949	-14.848	-16.573	132.694
482403.0	6510590.3	5106	8240	+0.050	4057.506	979403.832	-42.347	40.316	-14.619	-16.650	130.643
482796.2	6510597.6	5106	8280	+0.049	4058.363	979404.689	-41.485	38.834	-14.081	-16.732	125.840
483198.1	6510609.8	5106	8320	+0.047	4057.498	979403.824	-42.342	39.632	-14.371	-17.081	128.425
477598.8	6511004.4	5110	7760	+0.069	4057.210	979403.536	-42.335	37.869	-13.731	-18.198	122.712
478005.5	6511005.4	5110	7800	+0.070	4058.076	979404.402	-41.469	37.879	-13.735	-17.325	122.744
478401.4	6510998.1	5110	7840	+0.071	4056.748	979403.074	-42.803	40.613	-14.727	-16.917	131.605
478795.6	6510995.1	5110	7880	+0.073	4059.054	979405.380	-40.500	37.929	-13.753	-16.324	122.907
479196.4	6511007.3	5110	7920	+0.074	4057.769	979404.095	-41.777	39.759	-14.417	-16.434	128.838
479595.4	6511005.6	5110	7960	+0.076	4058.701	979405.027	-40.847	39.010	-14.145	-15.982	126.408
480007.4	6510997.4	5110	8000	+0.077	4057.830	979404.156	-41.724	39.689	-14.392	-16.426	128.611
480405.5	6510994.1	5110	8040	+0.079	4057.428	979403.754	-42.129	40.025	-14.513	-16.617	129.700
480802.1	6510999.4	5110	8080	+0.080	4057.556	979403.882	-41.998	39.861	-14.454	-16.591	129.166
481199.4	6510996.8	5110	8120	+0.081	4057.491	979403.817	-42.065	40.794	-14.792	-16.063	128.691
481595.9	6510990.9	5110	8160	+0.083	4057.409	979403.735	-42.152	40.324	-14.622	-16.450	130.667
482003.6	6511006.6	5110	8200	+0.084	4057.438	979403.764	-42.112	39.741	-14.410	-16.781	128.779
482397.7	6510999.6	5110	8240	+0.088	4058.662	979404.988	-40.894	38.107	-13.818	-16.604	123.485
482803.5	6510999.9	5110	8280	+0.089	4057.721	979404.047	-41.835	39.209	-14.218	-16.843	127.056
483199.1	6510993.2	5110	8320	+0.090	4057.262	979403.588	-42.299	39.180	-14.207	-17.326	126.960
477606.3	6511398.8	5114	7760	+0.108	4054.842	979401.168	-44.417	39.991	-14.501	-18.927	129.589
477998.5	6511398.9	5114	7800	+0.107	4056.952	979403.278	-42.307	37.888	-13.738	-18.158	122.773
478398.8	6511395.8	5114	7840	+0.106	4055.719	979402.045	-43.543	40.399	-14.649	-17.793	130.912
478801.1	6511403.7	5114	7880	+0.104	4057.476	979403.802	-41.781	38.456	-13.944	-17.270	124.613
479189.7	6511396.4	5114	7920	+0.103	4055.957	979402.283	-43.306	40.965	-14.854	-17.195	132.744
479595.8	6511395.0	5114	7960	+0.102	4055.969	979402.295	-43.296	41.124	-14.912	-17.084	133.259
479999.9	6511397.4	5114	8000	+0.101	4057.475	979403.801	-41.788	39.213	-14.219	-16.794	127.066
480401.1	6511404.0	5114	8040	+0.100	4056.999	979403.325	-42.260	39.820	-14.439	-16.879	129.035
480796.2	6511401.2	5114	8080	+0.098	4058.799	979405.125	-40.463	38.024	-13.787	-16.227	123.213
481199.1	6511399.9	5114	8120	+0.097	4059.514	979405.840	-39.749	37.987	-13.774	-15.536	123.096

481599.4	6511399.6	5114	8160	+0.096	4058.459	979404.785	-40.805	38.625	-14.006	-16.185	125.163
481998.3	6511399.5	5114	8200	+0.095	4057.107	979403.433	-42.157	39.176	-14.205	-17.187	126.948
482395.1	6511399.6	5114	8240	+0.094	4058.160	979404.486	-41.105	38.256	-13.872	-16.721	123.965
482790.5	6511408.4	5114	8280	+0.093	4056.892	979403.218	-42.367	39.629	-14.370	-17.107	128.417
483193.7	6511400.2	5114	8320	+0.092	4056.735	979403.061	-42.530	39.543	-14.339	-17.326	128.138
477595.8	6511801.3	5118	7760	+0.109	4053.212	979399.538	-45.754	40.979	-14.859	-19.635	132.790
477998.2	6511803.6	5118	7800	+0.110	4056.098	979402.424	-42.867	37.920	-13.750	-18.698	122.876
478400.7	6511799.3	5118	7840	+0.111	4056.426	979402.752	-42.543	38.078	-13.807	-18.272	123.390
478797.8	6511801.5	5118	7880	+0.112	4056.932	979403.258	-42.036	37.981	-13.772	-17.827	123.075
479195.4	6511801.6	5118	7920	+0.114	4056.404	979402.730	-42.565	39.243	-14.230	-17.552	127.163
479598.1	6511795.7	5118	7960	+0.115	4055.119	979401.445	-43.854	40.903	-14.832	-17.783	132.544
480009.8	6511796.8	5118	8000	+0.116	4056.644	979402.970	-42.329	39.318	-14.257	-17.268	127.407
480395.3	6511796.6	5118	8040	+0.117	4056.193	979402.519	-42.781	40.072	-14.530	-17.239	129.851
480796.8	6511796.7	5118	8080	+0.118	4056.670	979402.996	-42.304	39.743	-14.411	-16.972	128.786
481197.2	6511799.2	5118	8120	+0.119	4057.084	979403.410	-41.889	40.117	-14.547	-16.318	129.998
481596.8	6511790.2	5118	8160	+0.120	4056.425	979402.751	-42.555	40.763	-14.781	-16.573	132.090
481999.7	6511797.2	5118	8200	+0.121	4056.072	979402.398	-42.904	39.977	-14.496	-17.422	129.543
482398.1	6511812.3	5118	8240	+0.122	4056.335	979402.661	-42.630	39.659	-14.380	-17.352	128.512
482802.2	6511801.3	5118	8280	+0.123	4057.155	979403.481	-41.819	38.276	-13.879	-17.422	124.030
483196.8	6511796.3	5118	8320	+0.124	4056.452	979402.778	-42.526	39.062	-14.164	-17.628	126.579
481198.2	6512192.4	5122	8120	+0.131	4057.840	979404.166	-40.847	38.169	-13.840	-16.519	123.684
481595.4	6512193.3	5122	8160	+0.130	4057.577	979403.903	-41.110	38.733	-14.045	-16.422	125.512
481994.2	6512198.0	5122	8200	+0.129	4055.794	979402.120	-42.890	39.488	-14.319	-17.721	127.959
482395.5	6512200.8	5122	8240	+0.128	4055.802	979402.128	-42.881	39.644	-14.375	-17.612	128.465
482797.3	6512204.7	5122	8280	+0.127	4055.051	979401.377	-43.630	39.907	-14.470	-18.193	129.316
483199.2	6512203.2	5122	8320	+0.126	4054.953	979401.279	-43.729	39.888	-14.464	-18.304	129.256
481200.3	6512595.6	5126	8120	+0.133	4056.302	979402.628	-42.093	39.027	-14.151	-17.217	126.465
481599.6	6512597.8	5126	8160	+0.134	4056.210	979402.536	-42.183	39.060	-14.163	-17.287	126.571
481994.7	6512601.0	5126	8200	+0.135	4056.045	979402.371	-42.347	38.346	-13.904	-17.905	124.258
482396.5	6512604.2	5126	8240	+0.136	4055.091	979401.417	-43.299	39.201	-14.214	-18.312	127.028
482800.4	6512593.6	5126	8280	+0.137	4054.872	979401.198	-43.526	39.653	-14.378	-18.251	128.493
483194.2	6512601.7	5126	8320	+0.138	4053.888	979400.214	-44.505	40.390	-14.645	-18.760	130.880

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482176.6	6511310.8	0	305	+0.000	5039.915	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.000	5039.915	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.095	5039.915	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.000	5040.010	979403.436	-42.219	39.624	-14.368	-16.963	128.399
484794.6	6509408.9	5094	8480	-0.009	5042.721	979406.242	-40.798	38.939	-14.119	-15.979	126.179
485198.3	6509400.7	5094	8520	-0.011	5043.799	979407.320	-39.727	37.820	-13.714	-15.620	122.554
485610.8	6509407.7	5094	8560	-0.012	5044.673	979408.194	-38.848	37.895	-13.741	-14.694	122.798
485995.4	6509399.0	5094	8600	-0.013	5044.932	979408.453	-38.596	37.800	-13.706	-14.502	122.489
486402.2	6509404.3	5094	8640	-0.014	5045.416	979408.937	-38.108	37.763	-13.693	-14.038	122.368
486796.7	6509401.5	5094	8680	-0.015	5046.100	979409.621	-37.427	37.767	-13.694	-13.354	122.381
487198.0	6509407.3	5094	8720	-0.015	5046.400	979409.921	-37.123	37.781	-13.699	-13.042	122.426
487599.0	6509403.3	5094	8760	-0.016	5046.399	979409.920	-37.127	37.786	-13.701	-13.042	122.444
484802.6	6509797.6	5098	8480	-0.026	5038.704	979402.225	-44.533	43.872	-15.908	-16.569	142.166
485200.5	6509801.3	5098	8520	-0.024	5041.046	979404.567	-42.189	41.021	-14.874	-16.042	132.926
485599.7	6509806.6	5098	8560	-0.023	5042.792	979406.313	-40.439	39.641	-14.374	-15.172	128.454
485996.6	6509801.1	5098	8600	-0.022	5043.363	979406.884	-39.872	39.080	-14.171	-14.963	126.637
486395.0	6509800.5	5098	8640	-0.021	5043.239	979406.760	-39.997	39.870	-14.457	-14.584	129.197
486805.0	6509799.1	5098	8680	-0.020	5045.400	979408.921	-37.838	37.953	-13.762	-13.647	122.984
487199.9	6509807.9	5098	8720	-0.019	5043.576	979407.097	-39.656	40.359	-14.634	-13.931	130.782
487600.8	6509802.5	5098	8760	-0.018	5046.052	979409.573	-37.184	37.814	-13.711	-13.082	122.533
484799.7	6510203.1	5102	8480	-0.027	5037.793	979401.314	-45.149	44.088	-15.987	-17.048	142.865
485194.3	6510188.5	5102	8520	-0.029	5040.246	979403.767	-42.707	41.635	-15.097	-16.169	134.916
485607.3	6510194.9	5102	8560	-0.030	5040.570	979404.091	-42.379	41.625	-15.093	-15.847	134.884
485997.1	6510188.9	5102	8600	-0.031	5041.239	979404.760	-41.715	41.268	-14.964	-15.410	133.727
486392.5	6510196.2	5102	8640	-0.032	5042.618	979406.139	-40.331	39.829	-14.442	-14.944	129.064
486792.9	6510195.4	5102	8680	-0.033	5044.327	979407.848	-38.623	37.980	-13.772	-14.415	123.071
487199.7	6510190.9	5102	8720	-0.034	5043.631	979407.152	-39.322	39.559	-14.344	-14.108	128.187
487594.5	6510193.2	5102	8760	-0.035	5045.375	979408.896	-37.577	37.862	-13.729	-13.444	122.690
484797.2	6510599.8	5106	8480	-0.045	5037.220	979400.741	-45.434	43.870	-15.908	-17.471	142.159
485187.4	6510600.4	5106	8520	-0.044	5038.636	979402.157	-44.018	42.716	-15.489	-16.791	138.420
485600.1	6510600.4	5106	8560	-0.043	5039.072	979402.593	-43.582	43.516	-15.779	-15.845	141.011
485995.7	6510601.5	5106	8600	-0.041	5040.644	979404.165	-42.010	41.441	-15.027	-15.595	134.287
486401.9	6510602.0	5106	8640	-0.040	5043.060	979406.581	-39.594	37.983	-13.773	-15.383	123.082
486803.8	6510602.8	5106	8680	-0.039	5043.316	979406.837	-39.338	37.946	-13.760	-15.151	122.963
487190.0	6510609.4	5106	8720	-0.038	5041.452	979404.973	-41.197	40.748	-14.775	-15.225	132.040
487608.4	6510583.3	5106	8760	-0.037	5044.128	979407.649	-38.541	37.933	-13.755	-14.362	122.920
484801.9	6511000.3	5110	8480	-0.046	5035.844	979399.365	-46.519	44.867	-16.269	-17.921	145.388
485204.7	6511002.2	5110	8520	-0.048	5036.657	979400.178	-45.705	44.504	-16.138	-17.338	144.214
485605.4	6510995.6	5110	8560	-0.049	5037.556	979401.077	-44.811	44.446	-16.116	-16.482	144.024
485995.6	6511013.5	5110	8600	-0.051	5039.854	979403.375	-42.501	41.467	-15.036	-16.070	134.372
486396.6	6511001.3	5110	8640	-0.052	5042.008	979405.529	-40.356	38.317	-13.894	-15.933	124.164
486796.2	6511001.8	5110	8680	-0.053	5042.247	979405.768	-40.117	38.024	-13.788	-15.881	123.214
487188.8	6510999.4	5110	8720	-0.054	5041.656	979405.177	-40.710	39.241	-14.229	-15.698	127.159
487594.3	6511003.7	5110	8760	-0.055	5041.825	979405.346	-40.538	39.356	-14.271	-15.453	127.532
484797.5	6511402.3	5114	8480	-0.067	5035.163	979398.684	-46.908	44.811	-16.249	-18.345	145.208
485200.6	6511405.8	5114	8520	-0.065	5035.840	979399.361	-46.229	44.294	-16.061	-17.996	143.531
485586.1	6511410.0	5114	8560	-0.064	5037.366	979400.887	-44.700	43.228	-15.675	-17.147	140.077
486001.2	6511408.2	5114	8600	-0.062	5039.143	979402.664	-42.925	40.830	-14.805	-16.900	132.306
486405.5	6511406.8	5114	8640	-0.061	5039.294	979402.815	-42.775	40.672	-14.748	-16.851	131.794
486799.8	6511399.0	5114	8680	-0.059	5040.241	979403.762	-41.834	39.202	-14.215	-16.847	127.031

487206.7	6511401.6	5114	8720	-0.058	5040.507	979404.028	-41.567	39.013	-14.146	-16.700	126.420
487596.9	6511403.3	5114	8760	-0.057	5040.378	979403.899	-41.695	39.697	-14.394	-16.392	128.637
484812.1	6511798.0	5118	8480	-0.068	5034.647	979398.168	-47.136	44.612	-16.177	-18.701	144.563
485189.2	6511806.3	5118	8520	-0.069	5035.186	979398.707	-46.592	44.268	-16.052	-18.375	143.448
485599.0	6511796.9	5118	8560	-0.070	5036.285	979399.806	-45.500	43.625	-15.819	-17.693	141.365
485994.5	6511799.8	5118	8600	-0.072	5036.318	979399.839	-45.465	44.061	-15.977	-17.381	142.778
486396.2	6511794.9	5118	8640	-0.073	5037.432	979400.953	-44.355	42.435	-15.387	-17.307	137.508
486786.4	6511798.2	5118	8680	-0.074	5038.226	979401.747	-43.559	41.268	-14.964	-17.255	133.727
487190.6	6511793.6	5118	8720	-0.075	5038.645	979402.166	-43.144	40.691	-14.755	-17.207	131.857
487586.3	6511793.3	5118	8760	-0.076	5039.694	979403.215	-42.095	40.153	-14.560	-16.502	130.115
484802.2	6512200.3	5122	8480	-0.088	5033.997	979397.518	-47.494	44.513	-16.141	-19.121	144.242
485196.0	6512199.8	5122	8520	-0.087	5032.943	979396.464	-48.549	46.431	-16.836	-18.954	150.456
485586.8	6512203.8	5122	8560	-0.085	5034.135	979397.656	-47.354	45.571	-16.524	-18.307	147.671
485998.4	6512201.7	5122	8600	-0.084	5034.106	979397.627	-47.385	46.020	-16.687	-18.052	149.126
486402.8	6512198.3	5122	8640	-0.082	5035.348	979398.869	-46.146	44.453	-16.119	-17.812	144.047
486799.8	6512199.9	5122	8680	-0.081	5036.059	979399.580	-45.434	43.050	-15.610	-17.994	139.502
487190.6	6512197.6	5122	8720	-0.080	5035.890	979399.411	-45.605	43.329	-15.711	-17.987	140.406
487592.8	6512198.7	5122	8760	-0.078	5036.887	979400.408	-44.608	42.007	-15.232	-17.833	136.122

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482176.6	6511310.8	0	305	+0.000	4057.118	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.003	4057.118	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.211	4057.115	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	-0.010	4056.904	979403.436	-42.219	39.624	-14.368	-16.963	128.399
481999.6	6511797.2	5118	8200	+0.208	4056.095	979402.416	-42.886	39.973	-14.494	-17.407	129.531
477593.1	6512194.7	5122	7760	+0.033	4053.287	979399.608	-45.399	39.625	-14.368	-20.141	128.404
478005.7	6512199.1	5122	7800	+0.030	4054.415	979400.736	-44.268	38.993	-14.139	-19.414	126.354
478408.1	6512199.9	5122	7840	+0.028	4053.919	979400.240	-44.764	40.197	-14.575	-19.143	130.255
478800.1	6512200.6	5122	7880	+0.027	4054.579	979400.900	-44.104	39.978	-14.496	-18.623	129.546
479201.4	6512196.6	5122	7920	+0.025	4054.699	979401.020	-43.988	40.210	-14.580	-18.358	130.299
479598.0	6512200.3	5122	7960	+0.023	4054.739	979401.060	-43.945	40.291	-14.610	-18.264	130.562
479997.4	6512200.1	5122	8000	+0.021	4054.443	979400.764	-44.242	41.067	-14.891	-18.066	133.076
480401.6	6512204.3	5122	8040	+0.019	4055.609	979401.930	-43.074	40.013	-14.509	-17.570	129.659
480800.4	6512200.9	5122	8080	+0.017	4056.392	979402.713	-42.294	39.132	-14.189	-17.351	126.804
481198.1	6512192.5	5122	8120	+0.015	4057.884	979404.205	-40.808	38.166	-13.839	-16.481	123.675
482395.6	6512200.9	5122	8240	+0.011	4055.800	979402.121	-42.888	39.633	-14.371	-17.626	128.430
479601.5	6512600.4	5126	7960	+0.039	4052.115	979398.436	-46.279	42.697	-15.482	-19.064	138.356
479993.0	6512603.8	5126	8000	+0.041	4053.345	979399.666	-45.047	41.001	-14.867	-18.913	132.860
480394.1	6512608.6	5126	8040	+0.043	4054.774	979401.095	-43.615	40.045	-14.521	-18.090	129.765
480799.4	6512596.3	5126	8080	+0.045	4054.689	979401.010	-43.709	40.473	-14.676	-17.912	131.150
481200.4	6512595.6	5126	8120	+0.047	4056.312	979402.633	-42.088	39.019	-14.148	-17.217	126.439
479601.6	6512999.8	5130	7960	+0.052	4051.565	979397.886	-46.539	41.961	-15.215	-19.793	135.971
479991.5	6513007.9	5130	8000	+0.054	4051.483	979397.804	-46.615	42.276	-15.329	-19.669	136.993
480393.9	6513001.3	5130	8040	+0.056	4054.333	979400.654	-43.771	39.091	-14.174	-18.855	126.671
480799.1	6513001.9	5130	8080	+0.058	4055.671	979401.992	-42.433	37.981	-13.772	-18.224	123.074
481200.0	6512998.3	5130	8120	+0.060	4054.508	979400.829	-43.599	40.140	-14.555	-18.014	130.072
481601.2	6513004.2	5130	8160	+0.062	4055.964	979402.285	-42.139	38.643	-14.012	-17.509	125.219
481997.8	6512995.6	5130	8200	+0.064	4055.204	979401.525	-42.906	38.732	-14.045	-18.218	125.510
482399.0	6512998.9	5130	8240	+0.065	4054.163	979400.484	-43.945	39.282	-14.244	-18.907	127.290
482799.7	6512996.0	5130	8280	+0.067	4053.297	979399.618	-44.814	40.332	-14.625	-19.106	130.693
483195.7	6512995.7	5130	8320	+0.070	4051.787	979398.108	-46.324	42.193	-15.299	-19.431	136.724
479591.2	6513400.3	5134	7960	+0.090	4050.087	979396.408	-47.726	42.691	-15.480	-20.515	138.337
479994.4	6513405.3	5134	8000	+0.088	4051.493	979397.814	-46.317	40.959	-14.852	-20.210	132.726
480399.8	6513398.2	5134	8040	+0.086	4052.070	979398.391	-45.745	40.620	-14.729	-19.855	131.626
480799.8	6513399.8	5134	8080	+0.084	4054.724	979401.045	-43.091	37.999	-13.779	-18.871	123.133
481201.2	6513402.1	5134	8120	+0.083	4055.328	979401.649	-42.486	38.016	-13.785	-18.254	123.189
481601.4	6513397.0	5134	8160	+0.081	4054.453	979400.774	-43.365	39.386	-14.282	-18.260	127.629
481999.5	6513394.2	5134	8200	+0.079	4053.784	979400.105	-44.037	39.351	-14.269	-18.954	127.515
482396.3	6513403.9	5134	8240	+0.077	4052.785	979399.106	-45.029	39.905	-14.470	-19.593	129.311
482808.2	6513403.2	5134	8280	+0.075	4051.188	979397.509	-46.627	41.939	-15.207	-19.895	135.900
483205.0	6513401.5	5134	8320	+0.073	4051.772	979398.093	-46.045	41.364	-14.999	-19.680	134.036
479605.8	6513791.3	5138	7960	+0.092	4049.836	979396.157	-47.693	41.931	-15.204	-20.966	135.874
479992.8	6513797.3	5138	8000	+0.094	4051.210	979397.531	-46.315	40.488	-14.681	-20.508	131.199
480401.7	6513799.0	5138	8040	+0.096	4050.853	979397.174	-46.671	41.069	-14.892	-20.494	133.082
480803.9	6513797.2	5138	8080	+0.099	4053.748	979400.069	-43.778	38.018	-13.786	-19.545	123.196
481201.6	6513800.3	5138	8120	+0.100	4054.910	979401.231	-42.614	37.996	-13.778	-18.396	123.124
481599.4	6513805.0	5138	8160	+0.102	4054.819	979401.140	-42.703	38.235	-13.864	-18.332	123.899
481996.6	6513805.3	5138	8200	+0.104	4052.901	979399.222	-44.621	39.681	-14.389	-19.328	128.585
482400.5	6513799.6	5138	8240	+0.105	4053.487	979399.808	-44.039	38.126	-13.825	-19.738	123.546
482796.9	6513799.2	5138	8280	+0.107	4051.455	979397.776	-46.072	40.517	-14.692	-20.247	131.293
483198.4	6513791.7	5138	8320	+0.109	4049.947	979396.268	-47.586	42.695	-15.481	-20.373	138.351
479599.8	6514204.1	5142	7960	+0.128	4049.385	979395.706	-47.844	41.233	-14.951	-21.562	133.614
479995.5	6514202.3	5142	8000	+0.126	4052.220	979398.541	-45.011	38.024	-13.788	-20.775	123.215
480397.0	6514206.3	5142	8040	+0.124	4051.394	979397.715	-45.835	39.383	-14.280	-20.732	127.618
480799.6	6514198.9	5142	8080	+0.122	4052.393	979398.714	-44.841	38.795	-14.067	-20.114	125.713
481199.0	6514199.7	5142	8120	+0.120	4054.072	979400.393	-43.162	38.013	-13.784	-18.933	123.178
481599.0	6514197.2	5142	8160	+0.119	4054.083	979400.404	-43.154	38.015	-13.784	-18.923	123.185
482002.3	6514201.4	5142	8200	+0.117	4052.212	979398.533	-45.022	39.887	-14.463	-19.598	129.253
482394.6	6514194.7	5142	8240	+0.115	4051.463	979397.784	-45.777	39.906	-14.470	-20.341	129.312
482794.8	6514201.6	5142	8280	+0.113	4052.616	979398.937	-44.619	38.118	-13.822	-20.323	123.520
483194.3	6514207.2	5142	8320	+0.112	4051.064	979397.385	-46.167	40.463	-14.672	-20.377	131.117
479604.0	6514601.7	5146	7960	+0.130	4048.150	979394.471	-48.790	41.420	-15.019	-22.389	134.220
480003.7	6514589.6	5146	8000	+0.134	4049.749	979396.070	-47.201	39.943	-14.484	-21.741	129.433
480393.4	6514605.3	5146	8040	+0.136	4051.422	979397.743	-45.517	38.211	-13.856	-21.161	123.822

480794.2	6514600.3	5146	8080	+0.137	4050.311	979396.632	-46.632	40.459	-14.671	-20.844	131.105
481201.4	6514602.0	5146	8120	+0.140	4053.008	979399.329	-43.934	38.015	-13.784	-19.704	123.184
481600.9	6514599.2	5146	8160	+0.141	4053.798	979400.119	-43.147	38.040	-13.793	-18.900	123.266
482006.8	6514601.3	5146	8200	+0.143	4053.434	979399.755	-43.510	38.190	-13.848	-19.167	123.754
482400.8	6514592.9	5146	8240	+0.145	4051.488	979397.809	-45.462	39.334	-14.263	-20.391	127.460
482801.5	6514593.3	5146	8280	+0.147	4051.147	979397.468	-45.804	39.373	-14.277	-20.708	127.585
483197.2	6514596.5	5146	8320	+0.148	4051.621	979397.942	-45.328	38.971	-14.131	-20.488	126.284
479598.2	6515005.9	5150	7960	+0.170	4048.161	979394.482	-48.486	40.619	-14.728	-22.596	131.622
479985.5	6514994.1	5150	8000	+0.167	4047.732	979394.053	-48.924	41.546	-15.065	-22.443	134.626
480401.1	6515003.8	5150	8040	+0.165	4049.928	979396.249	-46.721	39.039	-14.156	-21.838	126.502
480799.4	6515001.4	5150	8080	+0.163	4051.502	979397.823	-45.150	38.047	-13.796	-20.899	123.288
481197.2	6514997.0	5150	8120	+0.161	4052.182	979398.503	-44.473	38.031	-13.790	-20.233	123.237
481597.5	6514999.7	5150	8160	+0.158	4053.174	979399.495	-43.480	38.141	-13.830	-19.169	123.594
482001.1	6515003.2	5150	8200	+0.156	4052.255	979398.576	-44.397	38.887	-14.101	-19.610	126.012
482403.4	6514997.7	5150	8240	+0.154	4050.946	979397.267	-45.710	39.331	-14.262	-20.641	127.449
482804.1	6514998.5	5150	8280	+0.152	4048.969	979395.290	-47.687	41.494	-15.046	-21.239	134.459
483197.3	6514996.4	5150	8320	+0.150	4051.500	979397.821	-45.158	38.220	-13.859	-20.797	123.850
479595.9	6515402.4	5154	7960	+0.172	4048.167	979394.488	-48.192	39.451	-14.305	-23.046	127.838
479998.4	6515409.5	5154	8000	+0.174	4048.606	979394.927	-47.748	39.179	-14.206	-22.776	126.957
480399.6	6515401.2	5154	8040	+0.176	4046.309	979392.630	-50.052	42.740	-15.498	-22.809	138.498
480801.3	6515405.5	5154	8080	+0.178	4049.678	979395.999	-46.680	39.709	-14.399	-21.370	128.675
481196.9	6515398.0	5154	8120	+0.181	4051.851	979398.172	-44.513	38.345	-13.904	-20.072	124.256
481598.5	6515400.2	5154	8160	+0.183	4052.814	979399.135	-43.549	38.035	-13.792	-19.306	123.250
482003.4	6515398.5	5154	8200	+0.184	4052.436	979398.757	-43.929	38.918	-14.112	-19.123	126.112
482393.3	6515400.2	5154	8240	+0.186	4050.477	979396.798	-45.887	39.421	-14.294	-20.760	127.741
482802.1	6515402.3	5154	8280	+0.188	4048.418	979394.739	-47.945	41.574	-15.075	-21.446	134.718
483200.9	6515400.2	5154	8320	+0.190	4050.770	979397.091	-45.595	38.312	-13.892	-21.175	124.148
482000.3	6515800.8	5158	8200	+0.198	4052.753	979399.074	-43.320	38.108	-13.818	-19.030	123.487
482397.6	6515802.3	5158	8240	+0.196	4050.142	979396.463	-45.930	39.128	-14.188	-20.990	126.793
482804.7	6515798.1	5158	8280	+0.194	4047.007	979393.328	-49.069	42.605	-15.449	-21.912	138.060
483194.0	6515790.5	5158	8320	+0.192	4049.438	979395.759	-46.644	39.184	-14.208	-21.668	126.973

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482176.6	6511310.8	0	305	+0.000	5039.865	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.000	5039.865	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.410	5039.865	979403.436	-42.219	39.624	-14.368	-16.963	128.399
482176.6	6511310.8	0	305	+0.000	5039.455	979403.436	-42.219	39.624	-14.368	-16.963	128.399
481998.4	6511399.5	5114	8200	+0.023	5039.828	979403.399	-42.191	39.168	-14.202	-17.226	126.921
479593.8	6515808.6	5158	7960	+0.365	5031.480	979395.051	-47.334	38.257	-13.872	-22.949	123.970
479999.1	6515800.5	5158	8000	+0.369	5030.864	979394.435	-47.956	39.088	-14.173	-23.042	126.662
480390.0	6515804.4	5158	8040	+0.373	5030.818	979394.389	-48.000	39.362	-14.273	-22.911	127.550
480803.7	6515795.2	5158	8080	+0.381	5030.916	979394.487	-47.909	41.124	-14.912	-21.697	133.260
481198.7	6515807.0	5158	8120	+0.385	5033.860	979397.431	-44.957	39.356	-14.271	-19.872	127.532
481600.8	6515797.9	5158	8160	+0.389	5032.699	979396.270	-46.125	41.675	-15.112	-19.562	135.046
482000.3	6515800.8	5158	8200	+0.393	5035.498	979399.069	-43.325	38.108	-13.818	-19.035	123.487
479600.9	6516199.4	5162	7960	+0.362	5031.132	979394.703	-47.398	37.822	-13.714	-23.291	122.559
480002.0	6516202.5	5162	8000	+0.357	5030.877	979394.448	-47.651	38.477	-13.952	-23.126	124.682
480397.2	6516197.5	5162	8040	+0.353	5030.318	979393.889	-48.215	39.496	-14.321	-23.040	127.985
480800.2	6516200.7	5162	8080	+0.349	5031.579	979395.150	-46.952	39.030	-14.152	-22.074	126.474
481195.8	6516193.3	5162	8120	+0.345	5031.745	979395.316	-46.792	41.020	-14.874	-20.646	132.923
481601.6	6516199.7	5162	8160	+0.341	5033.611	979397.182	-44.922	40.312	-14.617	-19.227	130.628
481997.5	6516198.7	5162	8200	+0.336	5033.581	979397.152	-44.953	39.757	-14.416	-19.612	128.830
482399.7	6516196.6	5162	8240	+0.332	5032.337	979395.908	-46.199	39.020	-14.149	-21.328	126.441
482802.9	6516201.7	5162	8280	+0.329	5030.454	979394.025	-48.079	40.736	-14.771	-22.114	132.002
483195.8	6516193.9	5162	8320	+0.324	5028.559	979392.130	-49.980	43.043	-15.607	-22.545	139.477
479599.7	6516597.9	5166	7960	+0.279	5030.544	979394.115	-47.697	37.882	-13.736	-23.551	122.753
479994.2	6516595.4	5166	8000	+0.282	5030.012	979393.583	-48.231	38.294	-13.886	-23.823	124.090
480396.5	6516588.1	5166	8040	+0.286	5029.696	979393.267	-48.553	38.868	-14.094	-23.779	125.948
480795.0	6516597.5	5166	8080	+0.290	5030.125	979393.696	-48.118	38.992	-14.139	-23.264	126.352
481200.7	6516597.2	5166	8120	+0.295	5031.325	979394.896	-46.918	40.572	-14.712	-21.058	131.471
481605.9	6516600.8	5166	8160	+0.299	5033.339	979396.910	-44.902	39.713	-14.400	-19.590	128.687
481992.2	6516597.6	5166	8200	+0.303	5031.368	979394.939	-46.876	41.961	-15.215	-20.130	135.973
482393.5	6516592.8	5166	8240	+0.307	5031.312	979394.883	-46.936	39.544	-14.339	-21.731	128.139
482794.4	6516597.4	5166	8280	+0.312	5030.502	979394.073	-47.743	39.740	-14.410	-22.413	128.776
483190.0	6516600.1	5166	8320	+0.317	5028.447	979392.018	-49.797	42.222	-15.310	-22.885	136.819
479596.7	6516996.5	5170	7960	+0.276	5029.476	979393.047	-48.476	37.884	-13.737	-24.329	122.760
480000.1	6517002.5	5170	8000	+0.273	5028.498	979392.069	-49.450	39.032	-14.153	-24.571	126.480
480404.1	6517000.2	5170	8040	+0.277	5028.957	979392.528	-48.993	38.655	-14.016	-24.354	125.259
480810.1	6517003.4	5170	8080	+0.261	5029.161	979392.732	-48.787	39.093	-14.175	-23.869	126.679
481195.1	6517010.9	5170	8120	+0.257	5029.392	979392.963	-48.551	40.346	-14.630	-22.835	130.739
481599.0	6516998.7	5170	8160	+0.252	5030.332	979393.903	-47.621	41.597	-15.083	-21.107	134.793
481998.8	6517005.3	5170	8200	+0.249	5031.779	979395.350	-46.169	40.680	-14.751	-20.240	131.822
482405.0	6516999.6	5170	8240	+0.244	5028.434	979392.005	-49.519	42.637	-15.460	-22.342	138.162
482807.1	6516995.7	5170	8280	+0.240	5029.435	979393.006	-48.521	40.072	-14.530	-22.980	129.850
483195.1	6516996.2	5170	8320	+0.235	5028.565	979392.136	-49.391	41.006	-14.869	-23.255	132.876
479604.4	6517407.3	5174	7960	+0.191	5028.611	979392.182	-49.042	37.891	-13.740	-24.890	122.785
479998.2	6517398.6	5174	8000	+0.195	5027.825	979391.396	-49.835	38.922	-14.113	-25.026	126.124
480401.7	6517391.9	5174	8040	+0.199	5028.164	979391.735	-49.502	38.751	-14.051	-24.802	125.569
480799.7	6517396.8	5174	8080	+0.203	5027.398	979390.969	-50.265	40.193	-14.574	-24.646	130.244
481202.5	6517397.7	5174	8120	+0.207	5028.702	979392.273	-48.960	40.004	-14.506	-23.462	129.630
481596.6	6517401.1	5174	8160	+0.211	5030.166	979393.737	-47.494	40.326	-14.622	-21.791	130.673
481994.6	6517400.6	5174	8200	+0.216	5032.316	979395.887	-45.345	39.090	-14.174	-20.429	126.669
482399.0	6517401.5	5174	8240	+0.220	5027.880	979391.451	-49.781	42.539	-15.425	-22.667	137.844
482800.4	6517397.6	5174	8280	+0.224	5028.884	979392.455	-48.780	40.150	-14.558	-23.189	130.103

483198.2	6517392.1	5174	8320	+0.229	5028.479	979392.050	-49.190	40.062	-14.527	-23.655	129.818
479608.5	6517802.4	5178	7960	+0.188	5027.933	979391.504	-49.433	37.890	-13.739	-25.283	122.780
479999.6	6517807.3	5178	8000	+0.185	5027.690	979391.261	-49.674	38.264	-13.875	-25.285	123.991
480400.4	6517804.5	5178	8040	+0.180	5027.160	979390.731	-50.206	38.821	-14.077	-25.462	125.796
480809.8	6517804.2	5178	8080	+0.176	5026.976	979390.547	-50.391	39.671	-14.385	-25.105	128.550
481205.8	6517802.4	5178	8120	+0.172	5028.307	979391.878	-49.062	38.828	-14.079	-24.313	125.819
481608.2	6517798.5	5178	8160	+0.168	5029.648	979393.219	-47.724	39.263	-14.237	-22.698	127.230
482004.1	6517802.1	5178	8200	+0.164	5032.109	979395.680	-45.261	38.210	-13.855	-20.906	123.818
482404.9	6517805.4	5178	8240	+0.161	5029.046	979392.617	-48.322	40.325	-14.622	-22.619	130.670
482803.1	6517800.2	5178	8280	+0.157	5026.772	979390.343	-50.600	41.793	-15.154	-23.961	135.429
483193.2	6517802.2	5178	8320	+0.153	5027.583	979391.154	-49.788	40.171	-14.566	-24.183	130.173
479600.4	6518202.3	5182	7960	+0.095	5027.225	979390.796	-49.851	37.872	-13.733	-25.712	122.723
479998.0	6518201.4	5182	8000	+0.098	5027.303	979390.874	-49.775	37.884	-13.737	-25.627	122.762
480396.9	6518195.7	5182	8040	+0.102	5026.932	979390.503	-50.150	38.572	-13.986	-25.565	124.989
480808.5	6518190.5	5182	8080	+0.106	5026.121	979389.692	-50.965	39.778	-14.424	-25.611	128.899
481202.4	6518196.9	5182	8120	+0.110	5025.675	979389.246	-51.407	40.502	-14.686	-25.592	131.243
481598.5	6518203.5	5182	8160	+0.116	5028.761	979392.332	-48.317	38.160	-13.837	-23.994	123.656
481998.0	6518200.4	5182	8200	+0.120	5027.755	979391.326	-49.326	41.524	-15.057	-22.859	134.556
482401.6	6518201.3	5182	8240	+0.123	5030.198	979393.769	-46.883	38.210	-13.855	-22.528	123.817
482796.2	6518199.5	5182	8280	+0.128	5025.228	979388.799	-51.854	42.831	-15.531	-24.554	138.792
483196.5	6518204.2	5182	8320	+0.147	5026.302	979389.873	-50.778	40.888	-14.826	-24.716	132.495
479601.7	6518601.3	5186	7960	+0.092	5026.467	979390.038	-50.320	37.864	-13.730	-26.185	122.696
480003.0	6518598.3	5186	8000	+0.090	5026.575	979390.146	-50.214	37.875	-13.734	-26.073	122.732
480399.2	6518598.9	5186	8040	+0.087	5026.707	979390.278	-50.083	37.877	-13.734	-25.940	122.739
480798.6	6518599.0	5186	8080	+0.084	5026.069	979389.640	-50.721	38.717	-14.039	-26.043	125.460
481201.3	6518601.5	5186	8120	+0.079	5025.769	979389.340	-51.020	39.427	-14.297	-25.889	127.762
481601.5	6518602.1	5186	8160	+0.075	5024.935	979388.506	-51.854	41.039	-14.881	-25.696	132.985
482004.3	6518599.9	5186	8200	+0.071	5027.991	979391.562	-48.800	38.819	-14.076	-24.057	125.790
482401.2	6518603.3	5186	8240	+0.066	5029.061	979392.632	-47.728	38.230	-13.862	-23.360	123.883
482797.5	6518599.7	5186	8280	+0.063	5026.533	979390.104	-50.259	40.034	-14.517	-24.741	129.729
483199.5	6518599.0	5186	8320	+0.056	5023.616	979387.187	-53.177	43.413	-15.742	-25.506	140.678

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
H1001							degrees_dms	degrees_dms	metres	metres	metres	metres													
D	82809440	8280	9440	22/10/2003	295	9:50:34	-31 41 08.03774	134 49 06.69203	130.077	482800.518	6494401.769	133.352	1177	5245.052	0.01	0.062	0.007	5245.059	-0.663	979425.205	-32.753	41.152	-14.922	-6.523	
D	82809520	8280	9520	22/10/2003	295	10:00:35	-31 40 42.22211	134 49 06.46578	129.294	482793.239	6495196.573	132.56	1177	5245.034	0.008	0.064	0.009	5245.043	-0.647	979425.189	-32.19	40.908	-14.833	-6.116	
D	82809600	8280	9600	22/10/2003	295	10:07:33	-31 40 16.19453	134 49 06.63534	134.281	482796.37	6495997.919	137.537	1177	5242.675	0.013	0.065	0.01	5242.685	1.711	979422.831	-33.965	42.444	-15.39	-6.911	
D	82809680	8280	9680	22/10/2003	295	10:15:11	-31 39 50.24367	134 49 06.79965	143.278	482799.368	6496796.902	146.524	1177	5239.365	0.01	0.065	0.011	5239.376	5.02	979419.522	-36.692	45.217	-16.396	-7.87	
D	82809760	8280	9760	22/10/2003	295	10:45:47	-31 39 24.05705	134 49 06.96917	142.297	482802.492	6497603.143	145.535	1177	5237.624	0.011	0.064	0.015	5237.639	6.757	979417.785	-37.842	44.912	-16.285	-9.215	
D	82809840	8280	9840	22/10/2003	295	10:54:48	-31 38 58.30599	134 49 06.87628	137.448	482798.729	6498395.962	140.678	1177	5237.503	0.009	0.063	0.016	5237.519	6.877	979417.665	-37.384	43.413	-15.742	-9.713	
D	82807760	8280	7760	26/10/2003	299	13:58:37	-31 50 00.22516	134 49 05.81494	104.182	482804.78	6478016.491	107.784	1177	5255.105	0.006	0.185	0.028	5255.133	-11.088	979435.63	-34.281	33.262	-12.061	-13.08	
D	82807840	8280	7840	26/10/2003	299	13:51:56	-31 49 47.93142	134 49 05.51052	109.548	482796.145	6478394.988	113.141	1177	5253.476	0.01	0.186	0.028	5253.504	-9.459	979434.001	-35.634	34.915	-12.66	-13.379	
D	82807920	8280	7920	26/10/2003	299	13:42:29	-31 49 21.80984	134 49 05.48368	112.649	482794.093	6479199.239	116.223	1177	5251.547	0.008	0.187	0.027	5251.574	-7.529	979432.071	-36.976	35.866	-13.005	-14.115	
D	82808000	8280	8000	26/10/2003	299	13:31:37	-31 48 55.69753	134 49 06.47757	117.472	482818.878	6480003.248	121.025	1177	5250.457	0.01	0.187	0.026	5250.483	-6.438	979430.98	-37.48	37.348	-13.543	-13.674	
D	82808080	8280	8080	26/10/2003	299	13:21:48	-31 48 29.90212	134 49 05.71006	115.69	482797.372	6480797.422	119.225	1177	5250.826	0.01	0.186	0.025	5250.851	-6.806	979431.348	-36.532	36.793	-13.341	-13.081	
D	82808160	8280	8160	26/10/2003	299	13:11:51	-31 48 03.95718	134 49 05.83191	140.479	482799.24	6481596.238	143.995	1177	5245.754	0.008	0.184	0.024	5245.778	-1.733	979426.275	-41.022	44.437	-16.113	-12.698	
D	82808240	8280	8240	26/10/2003	299	12:58:58	-31 47 37.65745	134 49 06.09143	147.317	482804.712	6482405.983	150.814	1177	5243.87	0.008	0.18	0.022	5243.892	0.153	979424.389	-42.317	46.541	-16.876	-12.652	
D	82808320	8280	8320	26/10/2003	299	12:50:37	-31 47 11.93471	134 49 06.11307	140.294	482803.958	6483197.952	143.773	1177	5244.947	0.008	0.177	0.021	5244.968	-0.923	979425.465	-40.663	44.368	-16.088	-12.383	
D	82808400	8280	8400	26/10/2003	299	12:32:41	-31 46 46.77024	134 49 06.03737	143.296	482800.673	6483972.727	146.758	1177	5243.718	0.007	0.168	0.02	5243.738	0.307	979424.235	-41.328	45.29	-16.422	-12.46	
D	82808480	8280	8480	26/10/2003	299	12:22:49	-31 46 19.62877	134 49 06.04356	150.301	482799.441	6484808.374	153.743	1177	5242.472	0.006	0.162	0.019	5242.491	1.554	979422.988	-41.965	47.445	-17.204	-11.723	
D	82808560	8280	8560	26/10/2003	299	12:15:31	-31 45 53.91697	134 49 05.85827	153.996	482793.246	6485599.994	157.421	1177	5241.477	0.008	0.157	0.018	5241.495	2.55	979421.992	-42.383	48.58	-17.615	-11.418	
D	82808640	8280	8640	26/10/2003	299	12:08:30	-31 45 27.85337	134 49 06.03770	154.191	482796.626	6486402.461	157.6	1177	5242.451	0.008	0.151	0.017	5242.468	1.577	979422.965	-40.825	48.635	-17.635	-9.825	
D	82808720	8280	8720	26/10/2003	299	11:57:53	-31 45 01.96294	134 49 06.03473	162.313	482795.218	6487199.587	165.707	1177	5242.123	0.008	0.143	0.016	5242.139	1.906	979422.636	-40.572	51.137	-18.543	-7.978	
D	82808800	8280	8800	26/10/2003	299	11:38:49	-31 44 35.93590	134 49 06.45002	158.053	482804.808	6488000.936	161.43	1177	5243.796	0.01	0.126	0.014	5243.81	0.235	979424.307	-38.317	49.817	-18.064	-6.564	
D	82808880	8280	8880	26/10/2003	299	11:25:42	-31 44 09.97692	134 48 56.62203	166.296	482544.876	6488799.737	169.673	1177	5241.553	0.01	0.113	0.013	5241.566	2.479	979422.063	-39.978	52.361	-18.986	-6.603	
D	82808960	8280	8960	26/10/2003	299	11:14:42	-31 43 43.84721	134 49 05.28556	158.026	482771.493	6489604.61	161.375	1177	5242.951	0.012	0.101	0.012	5242.963	1.082	979423.46	-37.994	49.8	-18.058	-6.252	
D	82809040	8280	9040	26/10/2003	299	11:04:56	-31 43 18.00109	134 49 06.43716	137.694	482800.471	6490400.419	141.029	1177	5245.62	0.011	0.09	0.011	5245.631	-1.586	979426.128	-34.746	43.522	-15.781	-7.006	
D	82809120	8280	9120	26/10/2003	299	10:56:57	-31 42 51.98928	134 49 06.61793	132.15	482803.894	6491201.286	135.471	1177	5246.092	0.01	0.082	0.01	5246.102	-2.057	979426.599	-33.692	41.806	-15.159	-7.044	
D	82809200	8280	9200	26/10/2003	299	10:49:05	-31 42 26.06803	134 49 06.50711	131.069	482799.648	6491999.351	134.378	1177	5245.473	0.007	0.073	0.009	5245.482	-1.437	979425.979	-33.73	41.469	-15.037	-7.298	
D	82809280	8280	9280	26/10/2003	299	10:41:17	-31 42 00.15043	134 49 06.62312	129.593	482801.374	6492797.312	132.888	1177	5245.734	0.012	0.064	0.008	5245.742	-1.697	979426.239	-32.888	41.009	-14.87	-6.749	
D	82809360	8280	9360	26/10/2003	299	10:34:22	-31 41 34.27559	134 49 06.67285	128.803	482801.357	6493593.953	132.089	1177	5245.676	0.013	0.056	0.007	5245.683	-1.638	979426.18	-32.367	40.763	-14.781	-6.385	
D	4101	0	4101	12/07/2004	194	10:07:04	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.64	0.068	-0.019	0	3958.64	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	10:09:45	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.635	0.054	-0.02	0.005	3958.64	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	17:15:13	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.61	0.044	0	0.025	3958.635	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	17:17:46	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.6	0.043	0.001	0.01	3958.61	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	10:06:31	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5338.696	0.007	0.106	0	5338.696	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	10:09:07	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5338.696	0.006	0.106	0	5338.696	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	17:35:17	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5338.176	0.008	-0.044	0.52	5338.696	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	12/07/2004	194	17:38:29	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5338.187	0.006	-0.043	-0.011	5338.176	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	14/07/2004	196	9:25:50	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.405	0.062	-0.027	0	3958.405	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	14/07/2004	196	9:29:00	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.4	0.062	-0.026	0.005	3958.405	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	14/07/2004	196	17:05:59	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.375	0.056	-0.049	0.025	3958.4	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	14/07/2004	196	17:09:42	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.37	0.052	-0.048	0.005	3958.375	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	14/07/2004	196	9:25:08	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.963	0.007	-0.027	0	5337.963	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	14/07/2004	196	9:29:27	-31 43 31.91910																		

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MG453(Z53)e	MG453(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	4101	0	4101	15/07/2004	197	17:16:50	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.846	0.009	-0.064	0.039	5337.885		0	979428.858	-32.329	38.193	-13.849	-7.985
D	4101	0	4101	15/07/2004	197	17:20:19	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.847	0.008	-0.063	-0.001	5337.846		0	979428.858	-32.329	38.193	-13.849	-7.985
D	92008120	9200	8120	15/07/2004	197	17:04:05	-31 42 25.97260	134 48 05.61467	126.511	481196.912	6491999.496	129.909	101177	5335.013	0.014	-0.067	-0.08	5334.933		2.87	979425.988	-33.719	40.09	-14.537	-8.166
D	92008200	9200	8200	15/07/2004	197	10:00:10	-31 42 25.91229	134 48 36.13159	124.165	482000.136	6492002.783	127.518	101177	5335.783	0.011	-0.027	-0.006	5335.777		2.026	979426.832	-32.873	39.352	-14.269	-7.79
D	93607480	9360	7480	15/07/2004	197	15:51:47	-31 41 33.45339	134 44 02.74747	145.036	474800.528	6493602.857	148.769	101177	5324.947	0.015	-0.073	-0.068	5324.879		12.924	979415.934	-42.594	45.91	-16.647	-13.331
D	93607560	9360	7560	15/07/2004	197	16:01:01	-31 41 33.78015	134 44 33.09955	153.723	475599.566	6493594.714	157.411	101177	5323.447	0.013	-0.073	-0.069	5323.378		14.425	979414.433	-44.103	48.577	-17.614	-13.14
D	93607640	9360	7640	15/07/2004	197	16:10:13	-31 41 33.60595	134 45 03.52631	162.013	476400.534	6493601.937	165.656	101177	5321.977	0.017	-0.073	-0.071	5321.906		15.897	979412.961	-45.571	51.121	-18.537	-12.986
D	93607720	9360	7720	15/07/2004	197	16:18:02	-31 41 33.69766	134 45 33.83744	176.208	477198.476	6493600.905	179.806	101177	5319.137	0.014	-0.073	-0.072	5319.065		18.738	979410.12	-48.414	55.488	-20.12	-13.046
D	93607800	9360	7800	15/07/2004	197	16:24:52	-31 41 33.82065	134 46 04.31398	179.939	478000.773	6493598.857	183.491	101177	5318.567	0.017	-0.073	-0.073	5318.494		19.309	979409.549	-48.988	56.625	-20.533	-12.895
D	93607880	9360	7880	15/07/2004	197	16:33:04	-31 41 33.79045	134 46 34.55182	161.635	478796.777	6493601.45	165.143	101177	5323.638	0.013	-0.072	-0.075	5323.563		14.24	979414.618	-43.918	50.963	-18.479	-11.434
D	93607960	9360	7960	15/07/2004	197	16:39:52	-31 41 33.85047	134 47 05.02860	143.618	479599.076	6493601.217	147.081	101177	5329.258	0.015	-0.072	-0.076	5329.182		8.621	979420.237	-38.3	45.389	-16.458	-9.369
D	93608040	9360	8040	15/07/2004	197	16:46:44	-31 41 33.89039	134 47 35.47818	135.089	480400.657	6493601.539	138.507	101177	5332.449	0.017	-0.071	-0.077	5332.372		5.431	979423.427	-35.111	42.743	-15.499	-7.867
D	93608120	9360	8120	15/07/2004	197	16:53:51	-31 41 34.05954	134 48 05.75206	129.141	481197.62	6493597.812	132.514	101177	5333.79	0.014	-0.07	-0.079	5333.711		4.092	979424.766	-33.776	40.894	-14.828	-7.711
D	93608200	9360	8200	15/07/2004	197	10:15:20	-31 41 34.01781	134 48 36.26587	126.931	482000.887	6493600.527	130.26	101177	5334.846	0.01	-0.024	-0.009	5334.833		2.966	979425.892	-32.649	40.198	-14.576	-7.027
D	95207480	9520	7480	15/07/2004	197	15:40:04	-31 40 41.63031	134 44 02.82653	150.802	474798.72	6495198.401	154.508	101177	5323.569	0.014	-0.071	-0.066	5323.503		14.3	979414.558	-42.808	47.681	-17.289	-12.416
D	95207560	9520	7560	15/07/2004	197	15:28:28	-31 40 41.67374	134 44 33.27106	161.765	475600.295	6495198.986	165.427	101177	5320.65	0.021	-0.07	-0.064	5320.586		17.217	979411.641	-45.726	51.051	-18.511	-13.186
D	95207640	9520	7640	15/07/2004	197	15:19:18	-31 40 41.64683	134 45 03.67366	177.121	476400.761	6495201.672	180.738	101177	5317.242	0.018	-0.068	-0.062	5317.18		20.623	979408.235	-49.131	55.776	-20.225	-13.58
D	95207720	9520	7720	15/07/2004	197	15:11:30	-31 40 41.83399	134 45 34.00394	175.312	477199.337	6495197.702	178.885	101177	5317.883	0.014	-0.067	-0.061	5317.822		19.981	979408.877	-48.494	55.204	-20.017	-13.307
D	95207800	9520	7800	15/07/2004	197	15:04:26	-31 40 41.84260	134 46 04.43229	172.482	478000.483	6495199.172	176.01	101177	5318.905	0.013	-0.065	-0.059	5318.846		18.957	979409.901	-47.47	54.317	-19.695	-12.849
D	95207880	9520	7880	15/07/2004	197	14:57:34	-31 40 41.88232	134 46 34.82296	159.557	478800.638	6495199.62	163.041	101177	5322.697	0.018	-0.063	-0.058	5322.639		15.164	979413.694	-43.678	50.314	-18.244	-11.607
D	95207960	9520	7960	15/07/2004	197	14:49:47	-31 40 41.89670	134 47 05.16666	149.284	479599.554	6495200.784	152.724	101177	5326.399	0.021	-0.061	-0.057	5326.342		11.461	979417.397	-39.975	47.131	-17.09	-9.934
D	95208040	9520	8040	15/07/2004	197	14:42:15	-31 40 42.04291	134 47 35.47148	140.501	480397.454	6495197.826	143.897	101177	5330.351	0.016	-0.059	-0.056	5330.295		7.508	979421.35	-36.025	44.407	-16.102	-7.721
D	95208120	9520	8120	15/07/2004	197	14:32:33	-31 40 41.84722	134 48 05.83782	134.371	481196.954	6495205.336	137.723	101177	5331.923	0.014	-0.057	-0.054	5331.869		5.934	979422.924	-34.447	42.501	-15.411	-7.357
D	95208200	9520	8200	15/07/2004	197	10:25:48	-31 40 41.99089	134 48 36.33257	135.367	481999.854	6495202.341	138.676	101177	5332.228	0.013	-0.022	-0.011	5332.217		5.586	979423.272	-34.102	42.795	-15.518	-6.825
D	96807480	9680	7480	15/07/2004	197	12:32:50	-31 39 49.52012	134 44 03.01328	152.84	474799.729	6496802.788	156.52	101177	5322.847	0.011	-0.023	-0.033	5322.814		14.989	979413.869	-42.328	48.302	-17.515	-11.541
D	96807560	9680	7560	15/07/2004	197	12:42:05	-31 39 49.62894	134 44 33.51192	164.234	475602.858	6496801.363	167.87	101177	5319.285	0.014	-0.025	-0.035	5319.25		18.553	979410.305	-45.895	51.805	-18.785	-12.875
D	96807640	9680	7640	15/07/2004	197	12:50:50	-31 39 49.63354	134 45 03.80654	159.808	476400.606	6496803.071	163.4	101177	5320.083	0.011	-0.027	-0.036	5320.047		17.756	979411.102	-45.098	50.425	-18.284	-12.957
D	96807720	9680	7720	15/07/2004	197	12:57:36	-31 39 49.70767	134 45 34.26051	155.37	477202.556	6496802.587	158.918	101177	5321.621	0.015	-0.029	-0.037	5321.584		16.219	979412.639	-43.563	49.042	-17.783	-12.303
D	96807800	9680	7800	15/07/2004	197	13:04:50	-31 39 49.77427	134 46 04.57985	152.425	478000.959	6496802.265	155.93	101177	5322.399	0.013	-0.031	-0.039	5322.36		15.443	979413.415	-42.788	48.12	-17.449	-12.117
D	96807880	9680	7880	15/07/2004	197	13:29:48	-31 39 49.84143	134 46 34.89674	158.267	478799.297	6496801.863	161.729	101177	5321.872	0.012	-0.038	-0.043	5321.829		15.974	979412.884	-43.321	49.91	-18.097	-11.509
D	96807960	9680	7960	15/07/2004	197	13:37:45	-31 39 49.83754	134 47 05.28062	151.906	479599.394	6496803.592	155.324	101177	5324.38	0.012	-0.04	-0.044	5324.336		13.467	979415.391	-40.814	47.933	-17.381	-10.261
D	96808040	9680	8040	15/07/2004	197	13:48:12	-31 39 49.85009	134 47 35.67218	144.829	480399.694	6496804.752	148.204	101177	5327.497	0.011	-0.043	-0.046	5327.451		10.352	979418.506	-37.699	45.736	-16.584	-8.547
D	96808120	9680	8120	15/07/2004	197	13:56:04	-31 39 49.92153	134 48 06.11319	140.962	481201.299	6496804.04	144.294	101177	5328.904	0.015	-0.046	-0.048	5328.856		8.947	979419.911	-36.296	44.529	-16.146	-7.913
D	96808200	9680	8200	15/07/2004	197	10:38:15	-31 39 50.11295	134 48 36.51730	139.199	482001.939	6496799.57	142.488	101177	5329.19	0.01	-0.02	-0.013	5329.177		8.626	979420.232	-35.979	43.972	-15.944	-7.951
D	98407480	9840	7480	15/07/2004	197	12:19:46	-31 38 57.75966	134 44 03.22140	156.249	474801.33	6498396.405	159.906	101177	5320.799	0.015	-0.021	-0.031	5320.768		17.035	979411.823	-43.214	49.347	-17.893	-11.76
D	98407560	9840	7560	15/07/2004	197	12:09:25	-31 38 57.67817	134 44 33.49601	148.814	475598.668	6498400.824	152.428	101177	5321.301	0.012	-0.019	-0.029	5321.272		16.531	979412.327	-42.708	47.039	-17.057	-12.726
D	98407640	9840	7640	15/07/2004	197	12:02:25	-31 38 57.84634	134 45 03.87214	148.521	476398.698	6498397.501	152.092	101177	5321.262	0.011	-0.018	-0.028	5321.234		16.569	979412.289	-42.75	46.936	-17.019	-12.833
D	98407720	9840	7720	15/07/2004	197	11:54:20	-31 38 57.80256	134 45 34.34427	141.284	477201.241	6498400.648	144.812	101177	5322.692	0.012	-0.018	-0.026	5322.666		15.137	979413.721	-41.317	44.689	-16.204	-12.832
D	98407800	9840	7800	15/07/2004	197	11:44:52	-31 38 58.03449	134 46 04.68553	140.497	478000.356	6498395.236	143.982	101177	5322.953	0.014	-0.017	-0.025	5322.928		14.875	979413.983	-41.06	44.433	-16.112	-12.739
D	98407880	9840	7880	15/07/2004	197	11:32:06	-31 38 58.01799	134 46 35.04111																	

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MG453(Z53)e	MG453(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	87207880	8720	7880	16/07/2004	198	16:21:22	-31 45 01.71440	134 46 34.05729	138.514	478796.91	6487199.793	142.14	303204	3952.265	0.084	-0.077	0.037	3952.302	5.898	979422.96	-40.243	43.864	-15.905	-12.284	
D	87207960	8720	7960	16/07/2004	198	16:30:18	-31 45 01.86748	134 47 04.50835	140.155	479598.041	6487196.696	143.734	303204	3953.31	0.084	-0.078	0.037	3953.347	4.853	979424.005	-39.201	44.356	-16.084	-10.929	
D	87208040	8720	8040	16/07/2004	198	10:07:35	-31 45 01.70711	134 47 34.90291	136.097	480397.666	6487203.184	139.63	303204	3954.28	0.052	-0.033	0.005	3954.285	3.915	979424.943	-38.26	43.09	-15.625	-10.794	
D	87208120	8720	8120	16/07/2004	198	9:55:10	-31 45 01.77301	134 48 05.28136	146.797	481196.881	6487202.644	150.283	303204	3952.125	0.061	-0.037	0.004	3952.129	6.071	979422.787	-40.417	46.377	-16.817	-10.856	
D	88808120	8880	8120	16/07/2004	198	16:49:29	-31 44 09.96546	134 48 05.50038	129.46	481199.736	6488797.726	132.914	303204	3956.085	0.104	-0.079	0.039	3956.124	2.076	979426.782	-35.259	41.017	-14.873	-9.115	
D	88808200	8880	8200	16/07/2004	198	9:39:24	-31 44 10.02086	134 48 36.00657	141.529	482002.434	6488797.452	144.937	303204	3954.17	0.082	-0.042	0.002	3954.172	4.028	979424.83	-37.212	44.728	-16.218	-8.703	
D	4101	0	4101	16/07/2004	198	9:07:22	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.717	0.007	-0.053	0	5337.717	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	16/07/2004	198	9:09:51	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.707	0.008	-0.053	0.01	5337.717	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	16/07/2004	198	16:39:10	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.651	0.01	-0.079	0.056	5337.707	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101	0	4101	16/07/2004	198	16:43:10	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	101177	5337.641	0.009	-0.079	0.01	5337.651	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	87207480	8720	7480	16/07/2004	198	15:40:53	-31 45 01.53635	134 44 01.98145	133.185	474796.008	6487196.272	137.046	101177	5329.181	0.017	-0.069	0.049	5329.23	8.477	979420.381	-42.818	42.292	-15.335	-15.861	
D	87207560	8720	7560	16/07/2004	198	15:52:29	-31 45 01.63895	134 44 32.49350	139.937	475598.743	6487195.044	143.751	101177	5328.158	0.016	-0.072	0.05	5328.208	9.499	979419.359	-43.842	44.362	-16.086	-15.566	
D	87207640	8720	7640	16/07/2004	198	16:03:30	-31 45 01.46612	134 45 02.86159	149.554	476397.67	6487202.225	153.321	101177	5326.826	0.015	-0.074	0.052	5326.878	10.829	979418.029	-45.168	47.315	-17.157	-15.01	
D	88807480	8880	7480	16/07/2004	198	15:23:02	-31 44 09.33957	134 44 02.03139	140.846	474793.395	6488803.335	144.673	101177	5326.106	0.011	-0.064	0.047	5326.153	11.554	979417.304	-44.723	44.646	-16.189	-16.266	
D	88807560	8880	7560	16/07/2004	198	15:11:06	-31 44 09.54419	134 44 32.60706	153.129	475597.936	6488798.969	156.909	101177	5324.709	0.014	-0.061	0.045	5324.754	12.953	979415.905	-46.126	48.422	-17.558	-15.262	
D	88807640	8880	7640	16/07/2004	198	15:01:18	-31 44 09.67543	134 45 03.03225	171.115	476398.512	6488796.791	174.848	101177	5321.533	0.019	-0.057	0.044	5321.577	16.13	979412.728	-49.306	53.958	-19.565	-14.914	
D	88807720	8880	7720	16/07/2004	198	14:47:03	-31 44 09.66023	134 45 33.54169	157.993	477201.294	6488799.064	161.679	101177	5325.467	0.016	-0.053	0.042	5325.509	12.198	979416.66	-45.374	49.894	-18.092	-13.572	
D	88807800	8880	7800	16/07/2004	198	14:06:04	-31 44 09.95033	134 46 03.98240	153.819	478002.287	6488791.871	157.458	101177	5327.492	0.018	-0.038	0.037	5327.529	10.178	979418.68	-43.36	48.592	-17.62	-12.388	
D	88807880	8880	7880	16/07/2004	198	13:43:22	-31 44 09.82707	134 46 34.30546	139.806	478800.156	6488797.336	143.399	101177	5331.419	0.019	-0.031	0.034	5331.453	6.254	979422.604	-39.434	44.253	-16.046	-11.227	
D	88807960	8880	7960	16/07/2004	198	13:25:47	-31 44 09.68363	134 47 04.63211	134.7	479598.119	6488803.361	138.247	101177	5333.664	0.014	-0.026	0.032	5333.696	4.011	979424.847	-37.187	42.663	-15.47	-9.994	
D	88808040	8880	8040	16/07/2004	198	13:15:26	-31 44 09.98530	134 47 35.10824	142.534	480400.042	6488795.627	146.034	101177	5332.037	0.013	-0.023	0.031	5332.068	5.639	979423.219	-38.822	45.066	-16.341	-10.097	
D	90407480	9040	7480	16/07/2004	198	11:51:13	-31 43 17.28165	134 44 02.35063	148.789	474797.882	6490406.136	152.583	101177	5324.827	0.014	-0.013	0.02	5324.847	12.86	979415.998	-44.86	47.087	-17.074	-14.847	
D	90407560	9040	7560	16/07/2004	198	12:02:05	-31 43 17.34454	134 44 32.81306	153.124	475599.558	6490406.125	156.872	101177	5324.967	0.017	-0.013	0.021	5324.988	12.719	979416.139	-44.721	48.411	-17.554	-13.864	
D	90407640	9040	7640	16/07/2004	198	12:12:17	-31 43 17.48593	134 45 03.20106	164.086	476399.28	6490403.631	167.788	101177	5323.157	0.016	-0.013	0.023	5323.18	14.527	979414.331	-46.532	51.779	-18.775	-13.528	
D	90407720	9040	7720	16/07/2004	198	12:21:49	-31 43 17.58312	134 45 33.58706	175.44	477198.946	6490402.436	179.095	101177	5321.196	0.017	-0.014	0.024	5321.22	16.487	979412.371	-48.494	55.269	-20.041	-13.266	
D	78009040	7800	9040	16/07/2004	198	12:29:46	-31 43 17.68106	134 46 03.77884	168.942	477993.499	6490401.145	172.551	101177	5323.375	0.015	-0.015	0.025	5323.4	14.307	979414.551	-46.316	53.249	-19.308	-12.375	
D	78809040	7880	9040	16/07/2004	198	12:40:48	-31 43 17.68075	134 46 34.36519	144.935	478798.43	6490402.839	148.498	101177	5329.434	0.014	-0.016	0.026	5329.46	8.247	979420.611	-40.256	45.826	-16.617	-11.047	
D	79609040	7960	9040	16/07/2004	198	12:47:51	-31 43 17.67217	134 47 04.76368	130.911	479598.416	6490404.715	134.428	101177	5333.793	0.014	-0.017	0.027	5333.82	3.887	979424.971	-35.896	41.484	-15.042	-9.454	
D	80409040	8040	9040	16/07/2004	198	12:54:28	-31 43 17.81297	134 47 35.05624	132.642	480395.623	6490401.925	136.113	101177	5334.222	0.017	-0.018	0.028	5334.25	3.457	979425.401	-35.469	42.004	-15.231	-8.696	
D	81209040	8120	9040	16/07/2004	198	13:00:52	-31 43 17.84255	134 48 05.47538	120.565	481196.154	6490402.503	123.99	101177	5337.37	0.018	-0.02	0.029	5337.399	0.308	979428.55	-32.321	38.263	-13.874	-7.932	
D	92007480	9200	7480	16/07/2004	198	11:34:40	-31 42 25.36508	134 44 02.57824	136.991	474799.971	6492004.575	140.754	101177	5327.606	0.017	-0.014	0.018	5327.624	10.083	979418.775	-40.918	43.437	-15.75	-13.232	
D	92007560	9200	7560	16/07/2004	198	11:27:00	-31 42 25.42175	134 44 33.04568	147.069	475601.903	6492004.755	150.786	101177	5325.805	0.017	-0.015	0.017	5325.822	11.885	979416.973	-42.721	46.533	-16.873	-13.062	
D	92007640	9200	7640	16/07/2004	198	11:19:00	-31 42 25.46007	134 45 03.26903	160.833	476397.408	6492005.424	164.504	101177	5323.084	0.015	-0.016	0.016	5323.1	14.607	979414.251	-45.444	50.766	-18.408	-13.086	
D	92007720	9200	7720	16/07/2004	198	11:09:09	-31 42 25.56717	134 45 33.80347	177.734	477201.105	6492003.932	181.359	101177	5320.033	0.013	-0.017	0.015	5320.048	17.659	979411.199	-48.499	55.967	-20.294	-12.825	
D	92007800	9200	7800	16/07/2004	198	10:57:58	-31 42 25.85341	134 46 04.32551	182.154	478004.487	6491996.861	185.733	101177	5319.831	0.018	-0.019	0.013	5319.844	17.863	979410.995	-48.709	57.317	-20.783	-12.175	
D	92007880	9200	7880	16/07/2004	198	10:31:32	-31 42 25.80465	134 46 34.65175	151.983	478802.693	6492000.031	155.517	101177	5326.895	0.016	-0.025	0.01	5326.905	10.802	979418.056	-41.647	47.993	-17.402	-11.057	
D	92007960	9200	7960	16/07/2004	198	10:23:07	-31 42 25.82530	134 47 05.04048	138.907	479602.548	6492001.005	142.395	101177	5330.992	0.017	-0.028	0.009	5331.001	6.706	979422.152	-37.552	43.943	-15.934	-9.542	
D	92008040	9200	8040	16/07/2004	198	10:15:05	-31 42 25.76322	134 47 35.27024	131.932	480398.213	6492004.457	135.375	101177	5332.99	0.018	-0.03	0.008	5332.998	4.709	979424.149	-35.553	41.777	-15.148	-8.925	
D	92008120	9200	8120	16/07/2004	198	10:07:59	-31 42 25.97364	134 48 05.64452	126.527	481197.698	6491999.465	129.925	101177	5334.868	0.017	-0.032	0.007	5334.875	2.832	979426.026	-33.681	40.095	-14.539	-8.124	
D	4101	0	4101	17/07/2004	199	10:07:53	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	303204	3958.04	0.088	-0.041	0	3958.04	0	979428.858	-32.329	38.193	-13.849	-7.985	
D	4101																								

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51704840	5170	4840	26/03/2005	85	12:33:09	-31 28 54.11596	134 49 53.63566	129.091	484001.608	6516999.485	132.148	908474	3407.723		0.025	0.08	0.309	3408.032	11.761	979391.675	-49.851	40.781	-14.787	-23.857
D	51704848	5170	4848	26/03/2005	85	12:25:02	-31 28 54.03322	134 50 23.87420	131.36	484799.418	6517003.194	134.373	908474	3408.001		0.028	0.076	0.297	3408.298	11.495	979391.941	-49.583	41.468	-15.036	-23.152
D	51704856	5170	4856	26/03/2005	85	12:18:27	-31 28 53.88313	134 50 54.26150	138.938	485601.155	6517008.953	141.913	908474	3406.973		0.027	0.073	0.287	3407.26	12.533	979390.903	-50.618	43.794	-15.88	-22.703
D	51704864	5170	4864	26/03/2005	85	12:10:28	-31 28 54.31457	134 51 24.24593	142.943	486392.287	6516996.734	145.882	908474	3407.152		0.026	0.068	0.275	3407.427	12.366	979391.07	-50.46	45.019	-16.324	-21.765
D	51704872	5170	4872	26/03/2005	85	11:56:22	-31 28 54.35462	134 51 54.84890	153.794	487199.721	6516996.524	156.696	908474	3405.281		0.021	0.06	0.253	3405.534	14.259	979389.177	-52.354	48.356	-17.534	-21.532
D	51864808	5186	4808	26/03/2005	85	10:33:14	-31 28 01.98311	134 47 52.35089	122.194	480798.648	6518599.069	125.387	908474	3405.839		0.025	-0.002	0.128	3405.967	13.826	979389.61	-50.751	38.694	-14.031	-26.087
D	51864816	5186	4816	26/03/2005	85	10:40:27	-31 28 01.98127	134 48 22.74035	129.746	481600.572	6518600.571	132.901	908474	3404.662		0.026	0.003	0.139	3404.801	14.992	979388.444	-51.917	41.013	-14.872	-25.775
D	51864824	5186	4824	26/03/2005	85	10:48:46	-31 28 01.93427	134 48 53.07950	120.679	482401.167	6518603.4	123.796	908474	3408.855		0.026	0.011	0.151	3409.006	10.787	979392.649	-47.711	38.203	-13.853	-23.36
D	51864832	5186	4832	26/03/2005	85	10:57:14	-31 28 02.12118	134 49 23.33426	137.514	483199.546	6518598.963	140.594	908474	3403.409		0.02	0.017	0.164	3403.573	16.22	979387.216	-53.148	43.387	-15.732	-25.493
D	51864840	5186	4840	26/03/2005	85	11:05:16	-31 28 02.15237	134 49 53.59528	127.706	483998.082	6518599.258	130.748	908474	3405.778		0.025	0.023	0.176	3405.954	13.839	979389.597	-50.768	40.349	-14.631	-25.05
D	51864848	5186	4848	26/03/2005	85	11:15:43	-31 28 02.26019	134 50 23.88437	132.196	484797.362	6518597.135	135.201	908474	3405.374		0.017	0.032	0.192	3405.566	14.227	979389.209	-51.158	41.723	-15.129	-24.564
D	51864856	5186	4856	26/03/2005	85	11:24:24	-31 28 02.25737	134 50 54.28993	135.018	485599.71	6518598.361	137.987	908474	3405.213		0.027	0.038	0.205	3405.418	14.375	979389.061	-51.306	42.583	-15.441	-24.164
D	51864864	5186	4864	26/03/2005	85	11:31:50	-31 28 02.29047	134 51 24.58531	140.319	486399.151	6518598.415	143.251	908474	3405.228		0.033	0.044	0.216	3405.444	14.349	979389.087	-51.281	44.207	-16.03	-23.103
D	51864872	5186	4872	26/03/2005	85	11:40:13	-31 28 02.23642	134 51 54.96670	147.899	487200.859	6518601.094	150.794	908474	3404.802		0.028	0.049	0.229	3405.031	14.762	979388.674	-51.693	46.535	-16.874	-22.031
D	305	0	305	27/03/2005	86	7:47:39	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.375		0.038	-0.087	0	3419.375	0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	27/03/2005	86	7:50:31	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.38		0.038	-0.088	-0.005	3419.375	0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	27/03/2005	86	14:26:23	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.648		0.027	0.076	-0.268	3419.38	0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	27/03/2005	86	14:29:06	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.641		0.03	0.076	0.007	3419.648	0	979403.436	-42.219	39.624	-14.368	-16.963
D	50904816	5090	4816	27/03/2005	86	13:36:51	-31 33 13.78722	134 48 22.17255	125.178	481602.564	6509000.887	128.388	908474	3422.949		0.017	0.073	-0.234	3422.715	-3.335	979406.771	-40.562	39.621	-14.367	-15.308
D	50904824	5090	4824	27/03/2005	86	13:46:14	-31 33 13.82220	134 48 52.40906	124.245	482399.718	6509001.19	127.416	908474	3423.763		0.018	0.075	-0.241	3423.522	-4.142	979407.578	-39.756	39.321	-14.258	-14.693
D	50904832	5090	4832	27/03/2005	86	13:54:26	-31 33 13.88070	134 49 22.63817	120.235	483196.679	6509000.709	123.367	908474	3424.326		0.016	0.076	-0.246	3424.08	-4.7	979408.136	-39.199	38.071	-13.805	-14.933
D	50904840	5090	4840	27/03/2005	86	14:01:06	-31 33 13.92062	134 49 53.02271	119.874	483997.736	6509000.744	122.967	908474	3423.935		0.067	0.077	-0.251	3423.684	-4.304	979407.74	-39.596	37.948	-13.76	-15.409
D	51064784	5106	4784	27/03/2005	86	10:33:33	-31 32 21.67123	134 46 21.00704	128.586	478404.831	6510599.261	131.942	908474	3419.441		0.023	-0.035	-0.11	3419.331	0.049	979403.387	-42.78	40.717	-14.764	-16.827
D	51064792	5106	4792	27/03/2005	86	10:26:02	-31 32 21.63748	134 46 51.26624	119.848	479202.704	6510601.926	123.165	908474	3421.808		0.024	-0.04	-0.105	3421.703	-2.323	979405.759	-40.407	38.009	-13.782	-16.181
D	51064800	5106	4800	27/03/2005	86	10:18:40	-31 32 21.70381	134 47 21.63695	119.957	480003.523	6510601.455	123.235	908474	3421.572		0.019	-0.045	-0.1	3421.472	-2.092	979405.528	-40.64	38.03	-13.79	-16.399
D	51064808	5106	4808	27/03/2005	86	10:11:54	-31 32 21.72442	134 47 51.68094	123.809	480795.724	6510602.314	127.049	908474	3420.497		0.018	-0.049	-0.096	3420.401	-1.021	979404.457	-41.711	39.207	-14.217	-16.721
D	51064816	5106	4816	27/03/2005	86	10:05:17	-31 32 21.95165	134 48 22.14937	119.796	481599.128	6510596.771	122.997	908474	3421.678		0.021	-0.054	-0.091	3421.587	-2.207	979405.643	-40.53	37.957	-13.763	-16.337
D	51064824	5106	4824	27/03/2005	86	9:57:06	-31 32 21.86433	134 48 52.65613	128.552	482403.524	6510600.852	131.714	908474	3419.439		0.022	-0.058	-0.086	3419.353	0.027	979403.409	-42.762	40.647	-14.739	-16.854
D	51064832	5106	4832	27/03/2005	86	9:49:39	-31 32 21.93599	134 49 22.96685	125.41	483202.76	6510599.967	128.533	908474	3419.662		0.021	-0.063	-0.081	3419.581	-0.201	979403.637	-42.536	39.665	-14.383	-17.253
D	51064840	5106	4840	27/03/2005	86	9:41:52	-31 32 22.04220	134 49 53.28683	125.263	484002.241	6510597.958	128.347	908474	3419.587		0.023	-0.067	-0.075	3419.512	-0.132	979403.568	-42.607	39.608	-14.362	-17.361
D	51064848	5106	4848	27/03/2005	86	9:33:35	-31 32 22.04255	134 50 23.61358	139.191	484801.895	6510599.147	142.237	908474	3416.617		0.019	-0.071	-0.07	3416.547	2.833	979400.603	-45.572	43.894	-15.916	-17.594
D	51064856	5106	4856	27/03/2005	86	9:25:30	-31 32 22.03849	134 50 53.88522	137.912	485600.095	6510600.408	140.92	908474	3418.581		0.019	-0.075	-0.064	3418.517	0.863	979402.573	-43.602	43.488	-15.769	-15.883
D	51064864	5106	4864	27/03/2005	86	9:17:24	-31 32 22.01872	134 51 24.29387	120.952	486401.908	6510602.096	123.022	908474	3422.549		0.019	-0.078	-0.059	3422.49	-3.11	979406.546	-39.629	37.965	-13.766	-15.43
D	51064872	5106	4872	27/03/2005	86	9:10:31	-31 32 22.11680	134 51 54.51964	128.45	487198.903	6510600.089	131.383	908474	3421.048		0.023	-0.081	-0.054	3420.994	-1.614	979405.05	-41.127	40.545	-14.702	-15.284
D	51224776	5122	4776	27/03/2005	86	10:42:55	-31 31 29.69725	134 45 50.61708	125.325	477600.062	6512197.71	128.708	908474	3415.425		0.024	-0.028	-0.117	3415.308	4.072	979399.364	-45.64	39.719	-14.402	-20.323
D	51224784	5122	4784	27/03/2005	86	10:51:16	-31 31 29.59269	134 46 20.98182	126.982	478400.836	6512202.623	130.326	908474	3416.067		0.02	-0.022	-0.122	3415.945	3.435	979400.001	-45.001	40.219	-14.583	-19.366
D	51224792	5122	4792	27/03/2005	86	11:06:02	-31 31 29.79866	134 46 51.17811	127.348	479197.188	6512197.905	130.654	908474	3416.691		0.021	-0.011	-0.132	3416.559	2.821	979400.615	-44.392	40.32	-14.62	-18.692
D	51224800	5122	4800	27/03/2005	86	11:13:58	-31 31 29.76468	134 47 21.55407	129.695	479998.262	6512200.522	132.962	908474	3416.601		0.021	-0.005	-0.138	3416.463	2.917	979400.519	-44.487	41.032	-14.878	-18.333
D	51224808	5122	4808	27/03/2005	86	11:21:28	-31 31 29.79399	134 47 51.89573	123.401	480798.436	6512201.127	126.63	908474	3418.555		0.02	0	-0.143	3418.412	0.968	979402.468	-42.539	39.078	-14.17	-17.63
D	51224840	5122	4840	27/03/2005	86	8:21:31	-31 31 29.94202	134 49 53.39742	127.364	484002.69	6512201.99	130.439	908474	3416.479		0.021	-0								

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51704816	5170	4816	28/03/2005	87	13:33:10	-31 28 53.99378	134 48 22.59369	131.563	481599.529	6516999.249	134.726	908474	3410.345	0.021	0.041	-0.393	3409.952	9.956	979393.48	-48.043	41.576	-15.076	-21.543	
D	51704824	5170	4824	28/03/2005	87	13:42:14	-31 28 53.99359	134 48 52.91535	135.468	482399.542	6517000.637	138.593	908474	3408.685	0.024	0.044	-0.405	3408.28	11.628	979391.808	-49.715	42.77	-15.509	-22.454	
D	96807960	9680	7960	15/07/2004	197	13:37:45	-31 39 49.83754	134 47 05.28062	151.906	479599.394	6496803.592	155.324	101177	5324.38	0.012	-0.04	-0.044	5324.336	13.467	979415.391	-40.814	47.933	-17.381	-10.261	
D	96808280	9680	8280	22/10/2003	295	10:15:11	-31 39 50.24367	134 49 06.79965	143.278	482799.368	6496796.902	146.524	1177	5239.365	0.01	0.065	0.011	5239.376	5.02	979419.522	-36.692	45.217	-16.396	-7.87	
D	96808280	9680	8280	22/10/2003	295	10:07:33	-31 40 16.19453	134 49 06.63534	134.281	482796.37	6495997.919	137.537	1177	5242.675	0.013	0.065	0.01	5242.685	1.711	979422.831	-33.965	42.444	-15.39	-6.911	
D	95208120	9520	8120	15/07/2004	197	14:32:33	-31 40 41.84722	134 48 05.83782	134.371	481196.954	6495205.336	137.723	101177	5331.923	0.014	-0.057	-0.054	5331.869	5.934	979422.924	-34.447	42.501	-15.411	-7.357	
D	87208200	8720	8200	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-10.065	
D	88008280	8800	8280	20/03/2005	79	15:33:00	-31 44 36.00600	134 49 06.23269	157.712	482799.093	6487998.768	161.09	908474	3440.629	0.024	-0.025	-0.2	3440.429	4.515	979424.343	-38.283	49.712	-18.026	-6.596	
D	88808280	8880	8280	20/03/2005	79	12:57:17	-31 44 09.94367	134 49 06.36954	207.478	482801.356	6488801.191	210.84	908474	3430.226	0.071	0.06	-0.116	3430.11	14.834	979414.024	-48.016	65.065	-23.593	-6.544	
D	95208280	9520	8280	22/10/2003	295	10:00:35	-31 40 42.22211	134 49 06.46578	129.294	482793.239	6495196.573	132.56	1177	5245.034	0.008	0.064	0.009	5245.043	-0.647	979425.189	-32.19	40.908	-14.833	-6.116	
D	87208280	8720	8280	26/10/2003	299	11:57:53	-31 45 01.96294	134 49 06.03473	162.313	482795.218	6487199.587	165.707	1177	5242.123	0.008	0.143	0.016	5242.139	1.906	979422.636	-40.572	51.137	-18.543	-7.978	
D	82809440	8280	9440	22/10/2003	295	9:50:34	-31 41 08.03774	134 49 06.69203	130.077	482800.518	6494401.769	133.352	1177	5245.052	0.01	0.062	0.007	5245.059	-0.663	979425.205	-32.753	41.152	-14.922	-6.523	
D	82008720	8200	8720	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-10.065	
D	88008280	8800	8280	26/10/2003	299	11:38:49	-31 44 35.93590	134 49 06.45002	158.053	482804.808	6488000.936	161.43	1177	5243.796	0.01	0.126	0.014	5243.81	0.235	979424.307	-38.317	49.817	-18.064	-6.564	
D	89608280	8960	8280	26/10/2003	299	11:14:42	-31 43 08.84721	134 49 05.28556	158.026	482771.493	6489604.61	161.375	1177	5242.951	0.012	0.101	0.012	5242.963	1.082	979423.46	-37.994	49.8	-18.058	-6.252	
D	94407920	9440	7920	21/03/2005	80	14:48:03	-31 41 07.87419	134 46 49.96520	150.031	479200.926	6494400.189	153.504	908474	3433.187	0.072	0.018	0.14	3433.327	6.029	979417.101	-40.854	47.371	-17.177	-10.659	
D	94407940	9440	7940	21/03/2005	80	14:44:29	-31 41 07.88316	134 46 57.52698	148.074	479400.004	6494400.311	151.537	908474	3434.222	0.031	0.021	0.137	3434.359	4.997	979418.133	-39.822	46.764	-16.957	-10.015	
D	94407960	9440	7960	21/03/2005	80	14:40:31	-31 41 07.82994	134 47 05.20430	145.795	479602.12	6494402.351	149.246	908474	3435.424	0.059	0.024	0.133	3435.557	3.799	979419.331	-38.623	46.057	-16.701	-9.266	
D	94407980	9440	7980	21/03/2005	80	14:36:55	-31 41 08.02404	134 47 12.64328	144.006	479797.977	6494396.759	147.447	908474	3436.273	0.081	0.026	0.13	3436.403	2.953	979420.177	-37.781	45.502	-16.499	-8.778	
D	94408000	9440	8000	21/03/2005	80	14:33:41	-31 41 07.97313	134 47 20.30683	141.845	479999.731	6494398.719	145.274	908474	3437.012	0.037	0.028	0.126	3437.138	2.218	979420.912	-37.045	44.832	-16.256	-8.469	
D	94408020	9440	8020	21/03/2005	80	14:29:36	-31 41 07.96433	134 47 27.79061	140.087	480196.754	6494399.369	143.506	908474	3437.699	0.062	0.031	0.122	3437.821	1.535	979421.595	-36.362	44.286	-16.058	-8.134	
D	94408060	9440	8060	21/03/2005	80	14:25:40	-31 41 08.04334	134 47 43.08004	135.558	480599.281	6494397.7	138.954	908474	3438.92	0.031	0.033	0.119	3439.039	0.317	979422.813	-35.145	42.881	-15.549	-7.813	
D	94408080	9440	8080	21/03/2005	80	14:21:51	-31 41 08.03445	134 47 50.64789	134.429	480798.518	6494398.345	137.814	908474	3439.383	0.072	0.036	0.115	3439.498	-0.142	979423.272	-34.686	42.529	-15.421	-7.578	
D	94408100	9440	8100	21/03/2005	80	14:17:56	-31 41 08.04256	134 47 58.29204	133.047	480999.764	6494398.468	136.421	908474	3439.875	0.064	0.038	0.111	3439.986	-0.63	979423.76	-34.198	42.1	-15.265	-7.364	
D	94408140	9440	8140	21/03/2005	80	14:14:28	-31 41 07.94717	134 48 13.48640	131.051	481399.778	6494402.132	134.403	908474	3440.625	0.032	0.041	0.108	3440.733	-1.377	979424.507	-33.449	41.477	-15.04	-7.012	
D	94408160	9440	8160	21/03/2005	80	14:11:23	-31 41 08.05194	134 48 21.09145	130.853	481600.001	6494399.264	134.194	908474	3440.814	0.037	0.043	0.105	3440.919	-1.563	979424.693	-33.266	41.412	-15.016	-6.87	
D	94408180	9440	8180	21/03/2005	80	14:08:19	-31 41 08.10028	134 48 28.53069	131.227	481795.855	6494398.123	134.155	908474	3440.826	0.061	0.045	0.102	3440.928	-1.572	979424.702	-33.258	41.524	-15.057	-6.79	
D	94408220	9440	8220	21/03/2005	80	14:04:18	-31 41 08.09322	134 48 43.83656	128.625	482198.809	6494399.042	131.934	908474	3442.075	0.05	0.047	0.098	3442.173	-2.817	979425.947	-32.013	40.715	-14.763	-6.061	
D	94408240	9440	8240	21/03/2005	80	14:00:35	-31 41 08.18882	134 48 51.33262	128.365	482396.161	6494396.436	131.663	908474	3441.96	0.039	0.05	0.094	3442.054	-2.698	979425.828	-32.134	40.631	-14.733	-6.236	
D	94408260	9440	8260	21/03/2005	80	13:57:06	-31 41 08.13237	134 48 59.03875	128.628	482599.036	6494398.518	131.915	908474	3441.998	0.053	0.052	0.091	3442.089	-2.733	979425.863	-32.097	40.709	-14.761	-6.15	
D	94408280	9440	8280	21/03/2005	80	13:53:16	-31 41 08.04325	134 49 06.61791	129.928	482798.567	6494401.596	133.204	908474	3441.641	0.049	0.054	0.087	3441.728	-2.372	979425.502	-32.456	41.107	-14.905	-6.255	
D	94807920	9480	7920	21/03/2005	80	14:53:20	-31 40 54.92810	134 46 49.99016	151.728	479200.781	6494798.776	155.196	908474	3432.299	0.041	0.015	0.145	3432.444	6.912	979416.218	-41.446	47.893	-17.366	-10.919	
D	94807940	9480	7940	21/03/2005	80	14:56:41	-31 40 55.00527	134 46 57.48574	149.386	479398.128	6494796.795	152.843	908474	3433.26	0.049	0.012	0.149	3433.409	5.947	979417.183	-40.483	47.167	-17.103	-10.419	
D	94807960	9480	7960	21/03/2005	80	15:00:13	-31 40 55.02992	134 47 05.19023	147.115	479600.972	6494796.439	150.56	908474	3434.264	0.043	0.01	0.152	3434.416	4.94	979418.19	-39.477	46.463	-16.848	-9.861	
D	94807980	9480	7980	21/03/2005	80	15:03:52	-31 40 54.91741	134 47 12.68021	145.529	479798.161	6494800.29	148.964	908474	3435.047	0.042	0.007	0.156	3435.203	4.153	979418.977	-38.687	45.97	-16.669	-9.386	
D	94808000	9480	8000	21/03/2005	80	15:07:34	-31 40 54.86893	134 47 20.37593	143.427	480000.77	6494802.176	146.85	908474	3436.229	0.027	0.005	0.159	3436.388	2.968	979420.162	-37.501	45.318	-16.432	-8.616	
D	94808020	9480	8020	21/03/2005	80	15:11:09	-31 40 54.99100	134 47 27.88963	141.401	480198.596	6494798.799	144.813	908474	3436.624	0.038	0.003	0.163	3436.787	2.569	979420.561	-37.105	44.689	-16.205	-8.62	
D	94808040	9480	8040	21/03/2005	80	15:15:26	-31 40 54.96770	134 47 35.55625	139.689	480400.44	6494799.901	143.09	908474	3437.637	0.066	0	0.167	3437.804	1.552	979421.578	-36.087	44.158	-16.012	-7.941	
D	94808060	9480	8060	21/03/2005	80	15:18:23	-31 40 55.01295	134 47 43.14640	137.908	480600.275	6494798.884	141.298	908474	3438.331	0.058	-0.002	0.17	3438.501	0.855	979422.275	-35.391	43.605	-15.811	-7.598	
D	94808080	9480	8080	21/03/2005	80	15:21:42	-31 40 54.92294	134 47 50.70815	136.091	480799.355	6494802.027	139.471	908474	3438.75	0.07	-0.005	0.173	3438.923	0.433	979422.697	-34.967	43.041	-15.607	-7.533	
D	94808100	9480	8100																						

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	95608240	9560	8240	22/03/2005	81	10:29:09	-31 40 29.11779	134 48 51.51414	131.904	482398.893	6495599.367	135.187	908474	3439.073	0.023	0.1	-0.279	3438.794	-0.781	979423.911	-33.174	41.719	-15.127	-6.583	
D	95608260	9560	8260	22/03/2005	81	10:37:34	-31 40 29.09216	134 48 59.09218	130.611	482598.42	6495600.494	133.883	908474	3439.273	0.036	0.103	-0.294	3438.979	-0.966	979424.096	-32.989	41.316	-14.981	-6.654	
D	95608280	9560	8280	22/03/2005	81	10:40:50	-31 40 29.03996	134 49 06.65168	132.526	482797.458	6495602.434	135.787	908474	3438.842	0.036	0.104	-0.3	3438.542	-0.529	979423.659	-33.425	41.904	-15.195	-6.715	
D	96007920	9600	7920	22/03/2005	81	12:18:02	-31 40 15.91416	134 46 49.88741	156.653	479195.66	6495999.936	160.104	908474	3429.954	0.027	0.114	-0.474	3429.48	8.533	979414.597	-42.192	49.408	-17.916	-10.7	
D	96007940	9600	7940	22/03/2005	81	12:14:42	-31 40 15.84148	134 46 57.63604	154.481	479399.684	6496002.582	157.921	908474	3430.75	0.029	0.115	-0.468	3430.282	7.731	979415.399	-41.389	48.734	-17.671	-10.326	
D	96007960	9600	7960	22/03/2005	81	12:11:07	-31 40 15.87743	134 47 05.09781	152.688	479596.161	6496001.864	156.117	908474	3431.571	0.062	0.115	-0.462	3431.109	6.904	979416.226	-40.563	48.178	-17.469	-9.854	
D	96007980	9600	7980	22/03/2005	81	12:07:56	-31 40 15.89809	134 47 12.81001	149.886	479799.232	6496001.627	153.304	908474	3432.491	0.03	0.116	-0.456	3432.035	5.978	979417.152	-39.637	47.31	-17.155	-9.482	
D	96008020	9600	8020	22/03/2005	81	12:04:11	-31 40 16.02247	134 47 27.95300	145.618	480197.968	6495998.569	149.014	908474	3434.284	0.04	0.116	-0.449	3433.835	4.178	979418.952	-37.84	45.986	-16.675	-8.529	
D	96008040	9600	8040	22/03/2005	81	12:01:04	-31 40 16.03940	134 47 35.58130	142.7	480398.829	6495998.43	146.085	908474	3435.554	0.065	0.116	-0.444	3435.11	2.903	979420.227	-36.565	45.082	-16.347	-7.83	
D	96008060	9600	8060	22/03/2005	81	11:57:37	-31 40 15.99101	134 47 43.17708	140.918	480598.829	6496000.297	144.292	908474	3436.284	0.038	0.117	-0.438	3435.846	2.167	979420.963	-35.828	44.529	-16.146	-7.446	
D	96008080	9600	8080	22/03/2005	81	11:54:08	-31 40 16.00295	134 47 58.37418	138.856	480998.984	6496000.672	142.209	908474	3436.529	0.026	0.117	-0.431	3436.098	1.915	979421.215	-35.576	43.886	-15.913	-7.604	
D	96008100	9600	8100	22/03/2005	81	11:47:05	-31 40 16.00313	134 47 58.37434	138.839	480998.988	6496000.666	142.192	908474	3436.735	0.044	0.117	-0.419	3436.316	1.697	979421.433	-35.358	43.88	-15.911	-7.389	
D	96008120	9600	8120	22/03/2005	81	11:43:53	-31 40 15.88313	134 48 05.84786	139.472	481195.765	6496004.721	142.814	908474	3436.741	0.021	0.117	-0.413	3436.328	1.685	979421.445	-35.344	44.072	-15.981	-7.252	
D	96008140	9600	8140	22/03/2005	81	11:40:30	-31 40 16.03675	134 48 13.52950	138.649	481398.038	6496000.357	141.98	908474	3436.936	0.029	0.116	-0.407	3436.529	1.484	979421.646	-35.146	43.815	-15.888	-7.219	
D	96008180	9600	8180	22/03/2005	81	11:35:02	-31 40 15.96190	134 48 28.71875	135.477	481797.981	6496003.373	138.786	908474	3437.71	0.034	0.116	-0.397	3437.313	0.7	979422.43	-34.36	42.829	-15.53	-7.061	
D	96008200	9600	8200	22/03/2005	81	11:31:11	-31 40 15.95797	134 48 36.26258	134.895	481996.616	6496003.841	138.194	908474	3437.847	0.027	0.116	-0.39	3437.457	0.556	979422.574	-34.216	42.647	-15.464	-7.033	
D	96008220	9600	8220	22/03/2005	81	11:22:57	-31 40 16.10426	134 48 43.85602	133.634	482196.566	6495999.683	136.922	908474	3438.142	0.04	0.115	-0.376	3437.766	0.247	979422.883	-33.911	42.254	-15.322	-6.978	
D	96008260	9600	8260	22/03/2005	81	11:18:15	-31 40 16.10678	134 48 59.11599	134.224	482598.374	6496000.289	137.49	908474	3438.044	0.07	0.114	-0.367	3437.677	0.336	979422.794	-34	42.429	-15.385	-6.955	
D	96008280	9600	8280	22/03/2005	81	11:14:24	-31 40 16.15239	134 49 06.61484	134.2	482795.828	6495999.215	137.456	908474	3438.09	0.046	0.113	-0.36	3437.73	0.283	979422.847	-33.948	42.419	-15.381	-6.91	
D	96407920	9640	7920	22/03/2005	81	12:24:51	-31 40 02.82105	134 46 50.01566	156.719	479198.226	6496403.055	160.164	908474	3429.674	0.039	0.113	-0.486	3429.188	8.825	979414.305	-42.191	49.427	-17.922	-10.686	
D	96407940	9640	7940	22/03/2005	81	12:29:24	-31 40 02.83068	134 46 57.64796	154.942	479399.2	6496403.16	158.377	908474	3430.506	0.03	0.112	-0.495	3430.011	8.002	979415.128	-41.368	48.875	-17.722	-10.215	
D	96407960	9640	7960	22/03/2005	81	12:32:32	-31 40 02.90433	134 47 05.21686	152.533	479598.508	6496401.288	155.956	908474	3431.315	0.025	0.112	-0.5	3430.815	7.198	979415.932	-40.566	48.128	-17.451	-9.889	
D	96407980	9640	7980	22/03/2005	81	12:36:10	-31 40 02.94955	134 47 12.78232	150.455	479797.724	6496400.286	153.868	908474	3432.094	0.039	0.111	-0.507	3431.587	6.426	979416.704	-39.795	47.484	-17.218	-9.529	
D	96408000	9640	8000	22/03/2005	81	12:39:52	-31 40 02.98299	134 47 20.45277	147.83	479999.704	6496399.649	151.231	908474	3432.888	0.034	0.11	-0.513	3432.375	5.638	979417.492	-39.007	46.67	-16.923	-9.26	
D	96408020	9640	8020	22/03/2005	81	12:43:29	-31 40 02.90886	134 47 27.95659	145.809	480197.289	6496402.312	149.199	908474	3433.762	0.033	0.109	-0.52	3433.242	4.771	979418.359	-38.139	46.043	-16.695	-8.791	
D	96408040	9640	8040	22/03/2005	81	12:46:23	-31 40 02.90992	134 47 35.59560	145.674	480398.439	6496402.662	149.054	908474	3434.386	0.044	0.108	-0.525	3433.861	4.152	979418.978	-37.52	45.998	-16.679	-8.201	
D	96408060	9640	8060	22/03/2005	81	12:49:49	-31 40 03.03998	134 47 43.24210	143.104	480599.794	6496399.037	146.473	908474	3435.546	0.027	0.107	-0.531	3435.015	2.998	979420.132	-36.369	45.202	-16.39	-7.557	
D	96408080	9640	8080	22/03/2005	81	12:52:41	-31 40 02.99552	134 47 50.79659	142.108	480798.715	6496400.777	145.466	908474	3435.905	0.041	0.106	-0.536	3435.369	2.644	979420.486	-36.014	44.891	-16.278	-7.4	
D	96408100	9640	8100	22/03/2005	81	12:55:57	-31 40 03.17899	134 47 58.34124	141.224	480997.391	6496395.495	144.572	908474	3436.32	0.025	0.104	-0.542	3435.778	2.235	979420.895	-35.609	44.615	-16.178	-7.171	
D	96408120	9640	8120	22/03/2005	81	13:00:23	-31 40 02.88968	134 48 06.03436	140.643	481199.949	6496404.773	143.979	908474	3436.428	0.046	0.103	-0.55	3435.878	2.135	979420.995	-35.502	44.432	-16.111	-7.182	
D	96408140	9640	8140	22/03/2005	81	13:03:45	-31 40 02.98045	134 48 13.46232	138.97	481395.547	6496402.332	142.296	908474	3436.878	0.033	0.101	-0.556	3436.322	1.691	979421.439	-35.06	43.913	-15.923	-7.071	
D	96408160	9640	8160	22/03/2005	81	13:07:52	-31 40 02.93906	134 48 21.20949	136.982	481599.542	6496403.971	140.297	908474	3437.084	0.02	0.1	-0.563	3436.521	1.492	979421.638	-34.86	43.296	-15.699	-7.264	
D	96408180	9640	8180	22/03/2005	81	13:11:06	-31 40 03.09307	134 48 28.70947	135.283	481797.039	6496399.578	138.587	908474	3437.396	0.024	0.099	-0.569	3436.827	1.186	979421.944	-34.558	42.768	-15.508	-7.298	
D	96408200	9640	8200	22/03/2005	81	13:14:21	-31 40 03.08829	134 48 36.32171	135.529	481997.484	6496400.076	138.822	908474	3437.572	0.027	0.097	-0.575	3436.997	1.016	979422.114	-34.388	42.84	-15.534	-7.081	
D	96408220	9640	8220	22/03/2005	81	13:18:18	-31 40 03.02189	134 48 44.00550	137.089	482199.809	6496402.471	140.372	908474	3437.12	0.04	0.095	-0.582	3436.538	1.475	979421.655	-34.845	43.319	-15.708	-7.234	
D	96408240	9640	8240	22/03/2005	81	13:25:57	-31 40 03.09997	134 48 51.57677	137.534	482399.179	6496400.408	140.806	908474	3437.303	0.04	0.091	-0.596	3436.707	1.306	979421.824	-34.678	43.453	-15.756	-6.981	
D	96408260	9640	8260	22/03/2005	81	13:29:14	-31 40 03.01944	134 48 59.10598	138.161	482597.433	6496403.223	141.422	908474	3436.693	0.027	0.09	-0.602	3436.091	1.922	979421.208	-35.292	43.643	-15.825	-7.474	
D	96408280	9640	8280	22/03/2005	81	13:32:45	-31 40 03.15623	134 49 06.74268	138.309	482798.529	6496399.348	141.559	908474	3436.852	0.035	0.088	-0.608	3436.244	1.769	979421.361	-35.142	43.685	-15.84	-7.298	
D	96807920	9680	7920	22/03/2005	81	15:22:22	-31 39 49.91483	134 46 50.07865	154.953	479199.086	6496800.415	158.393	908474	3429.964	0.024	0.013	-0.804	3429.16	8.853	979414.277	-41.929	48.88	-17.724	-10.773	
D	96807940	9680	7940	22/03/2005	81	15:19:05	-31 39 49.87317	134 46 57.64617	153.368	479398.358	6496802.097	156.797	908474	3430.628	0.02	0.015	-0.798	3429.83	8.183	979414.947	-41.258	48.388	-17.546	-10.416	
D	96807960	9680	7960	22/03/2005																					

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	88008280	8800	8280	20/03/2005	79	15:33:00	-31 44 36.00600	134 49 06.23269	157.712	482799.093	6487998.768	161.09	908474	3440.629	0.024	-0.025	-0.2	3440.429	4.515	979424.343	-38.283	49.712	-18.026	-18.026	-6.596
D	88808280	8880	8280	20/03/2005	79	12:57:17	-31 44 09.94367	134 49 06.36954	207.478	482801.356	6488801.191	210.84	908474	3430.226	0.071	0.06	-0.116	3430.11	14.834	979414.024	-48.016	65.065	-23.593	-23.593	-6.544
D	95208280	9520	8280	22/10/2003	295	10:00:35	-31 40 42.22211	134 49 06.46578	129.294	482793.239	6495196.573	132.56	1177	5245.034	0.008	0.064	0.009	5245.043	-0.647	979425.189	-32.19	40.908	-14.833	-14.833	-6.116
D	87208280	8720	8280	26/10/2003	299	11:57:53	-31 45 01.96294	134 49 06.03473	162.313	482795.218	6487199.587	165.707	1177	5242.123	0.008	0.143	0.016	5242.139	1.906	979422.636	-40.572	51.137	-18.543	-18.543	-7.978
D	82809440	8280	9440	22/10/2003	295	9:50:34	-31 41 08.03774	134 49 06.69203	130.077	482800.518	6494401.769	133.352	1177	5245.052	0.01	0.062	0.007	5245.059	-0.663	979425.205	-32.753	41.152	-14.922	-14.922	-6.523
D	82008720	8200	8720	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-15.918	-10.065
D	88008280	8800	8280	26/10/2003	299	11:38:49	-31 44 35.93590	134 49 06.45002	158.053	482804.808	6488000.936	161.43	1177	5243.796	0.01	0.126	0.014	5243.81	0.235	979424.307	-38.317	49.817	-18.064	-18.064	-6.564
D	89608280	8960	8280	26/10/2003	299	11:14:42	-31 43 43.84721	134 49 05.28556	158.026	482771.493	6489604.61	161.375	1177	5242.951	0.012	0.101	0.012	5242.963	1.082	979423.46	-37.994	49.8	-18.058	-18.058	-6.252
D	87208200	8720	8200	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-15.918	-10.065
D	88008280	8800	8280	20/03/2005	79	15:33:00	-31 44 36.00600	134 49 06.23269	157.712	482799.093	6487998.768	161.09	908474	3440.629	0.024	-0.025	-0.2	3440.429	4.515	979424.343	-38.283	49.712	-18.026	-18.026	-6.596
D	88808280	8880	8280	20/03/2005	79	12:57:17	-31 44 09.94367	134 49 06.36954	207.478	482801.356	6488801.191	210.84	908474	3430.226	0.071	0.06	-0.116	3430.11	14.834	979414.024	-48.016	65.065	-23.593	-23.593	-6.544
D	95208280	9520	8280	22/10/2003	295	10:00:35	-31 40 42.22211	134 49 06.46578	129.294	482793.239	6495196.573	132.56	1177	5245.034	0.008	0.064	0.009	5245.043	-0.647	979425.189	-32.19	40.908	-14.833	-14.833	-6.116
D	87208280	8720	8280	26/10/2003	299	11:57:53	-31 45 01.96294	134 49 06.03473	162.313	482795.218	6487199.587	165.707	1177	5242.123	0.008	0.143	0.016	5242.139	1.906	979422.636	-40.572	51.137	-18.543	-18.543	-7.978
D	82809440	8280	9440	22/10/2003	295	9:50:34	-31 41 08.03774	134 49 06.69203	130.077	482800.518	6494401.769	133.352	1177	5245.052	0.01	0.062	0.007	5245.059	-0.663	979425.205	-32.753	41.152	-14.922	-14.922	-6.523
D	82008720	8200	8720	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-15.918	-10.065
D	88008280	8800	8280	26/10/2003	299	11:38:49	-31 44 35.93590	134 49 06.45002	158.053	482804.808	6488000.936	161.43	1177	5243.796	0.01	0.126	0.014	5243.81	0.235	979424.307	-38.317	49.817	-18.064	-18.064	-6.564
D	89608280	8960	8280	26/10/2003	299	11:14:42	-31 43 43.84721	134 49 05.28556	158.026	482771.493	6489604.61	161.375	1177	5242.951	0.012	0.101	0.012	5242.963	1.082	979423.46	-37.994	49.8	-18.058	-18.058	-6.252
D	87208200	8720	8200	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-15.918	-10.065
D	88008280	8800	8280	20/03/2005	79	15:33:00	-31 44 36.00600	134 49 06.23269	157.712	482799.093	6487998.768	161.09	908474	3440.629	0.024	-0.025	-0.2	3440.429	4.515	979424.343	-38.283	49.712	-18.026	-18.026	-6.596
D	88808280	8880	8280	20/03/2005	79	12:57:17	-31 44 09.94367	134 49 06.36954	207.478	482801.356	6488801.191	210.84	908474	3430.226	0.071	0.06	-0.116	3430.11	14.834	979414.024	-48.016	65.065	-23.593	-23.593	-6.544
D	95208280	9520	8280	22/10/2003	295	10:00:35	-31 40 42.22211	134 49 06.46578	129.294	482793.239	6495196.573	132.56	1177	5245.034	0.008	0.064	0.009	5245.043	-0.647	979425.189	-32.19	40.908	-14.833	-14.833	-6.116
D	87208280	8720	8280	26/10/2003	299	11:57:53	-31 45 01.96294	134 49 06.03473	162.313	482795.218	6487199.587	165.707	1177	5242.123	0.008	0.143	0.016	5242.139	1.906	979422.636	-40.572	51.137	-18.543	-18.543	-7.978
D	82809440	8280	9440	22/10/2003	295	9:50:34	-31 41 08.03774	134 49 06.69203	130.077	482800.518	6494401.769	133.352	1177	5245.052	0.01	0.062	0.007	5245.059	-0.663	979425.205	-32.753	41.152	-14.922	-14.922	-6.523
D	82008720	8200	8720	15/07/2004	197	10:21:44	-31 45 01.88036	134 48 35.51736	138.811	481992.349	6487200.758	142.251	303204	3954.575	0.053	-0.022	0.003	3954.578	3.697	979425.161	-38.046	43.899	-15.918	-15.918	-10.065
D	88008280	8800	8280	26/10/2003	299	11:38:49	-31 44 35.93590	134 49 06.45002	158.053	482804.808	6488000.936	161.43	1177	5243.796	0.01	0.126	0.014	5243.81	0.235	979424.307	-38.317	49.817	-18.064	-18.064	-6.564
D	89608280	8960	8280	26/10/2003	299	11:14:42	-31 43 43.84721	134 49 05.28556	158.026	482771.493	6489604.61	161.375	1177	5242.951	0.012	0.101	0.012	5242.963	1.082	979423.46	-37.994	49.8	-18.058	-18.058	-6.252
D	89608280	8960	8280	26/10/2003	299	11:14:42	-31 43 43.84721	134 49 05.28556	158.026	482771.493	6489604.61	161.375	1177	5242.951	0.012	0.101	0.012	5242.963	1.082	979423.46	-37.994	49.8	-18.058	-18.058	-6.252
D	4101	0	4101	20/03/2005	79	9:20:41	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	908474	3444.949	0.028	0.088	0	3444.949	0	979428.858	-32.329	38.193	-13.849	-13.849	-7.985
D	4101	0	4101	20/03/2005	79	9:24:21	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	908474	3444.944	0.037	0.089	0.005	3444.949	0	979428.858	-32.329	38.193	-13.849	-13.849	-7.985
D	4101	0	4101	20/03/2005	79	16:39:26	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	908474	3445.211	0.021	-0.052	-0.266	3444.944	0	979428.858	-32.329	38.193	-13.849	-13.849	-7.985
D	4101	0	4101	20/03/2005	79	16:42:11	-31 43 31.91910	134 48 18.01950	120.348	481527.049	6489969.706	123.762	908474	3445.211	0.024	-0.053	-0.001	3445.21	0	979428.858	-32.329	38.193	-13.849	-13.849	-7.985
D	88008160	8800	8160	20/03/2005	79	15:06:35	-31 44 35.92043	134 48 20.56374	134.947	481597.516	6487999.329	138.394	908474	3441.806	0.023	-0.011	-0.209	3441.597	3.347	979425.511	-37.113	42.708	-15.486	-15.486	-9.89
D	88008180	8800	8180	20/03/2005	79	15:10:22	-31 44 35.87640	134 48 28.18716	137.309	481798.09	6488001.041	140.744	908474	3441.837	0.017	-0.013	-0.212	3441.625	3.319	979425.539	-37.084	43.434	-15.749	-15.749	-9.399
D	88008200	8800	8200	20/03/2005	79	15:13:51	-31 44 35.87664	134 48 35.82901	138.673	481999.151	6488001.386	142.097	908474	3442.217	0.027	-0.015	-0.214	3442.003	2.941	979425.917	-36.706	43.851	-15.901	-15.901	-8.755
D	88008220	8800	8220	20/03/2005	79	15:17:16	-31 44 35.87391	134 48 43.44297	138.56	482199.478	6488001.818	141.972	908474	3442.708	0.029	-0.016	-0.216	3442.492	2.452	979426.406	-36.216	43.813	-15.887	-15.887	-8.29
D	88008240	8800	8240	20/03/2005	79	15:21:22	-31 44 36.35456	134 48 51.03092	144.33	482399.146	6487987.362	147.731	908474	3441.853	0.024	-0.018	-0.218	3441.635	3.309	979425.549	-37.084	45.59	-16.531	-16.531	-8.026
D	88008260	8800	8260	20/03/2005	79	15:25:16	-31 44 35.94996	134 48 58.53078	152.076	482596.449	6488000.154	155.466	908474	3441.226	0.023	-0.02	-0.221	3441.005	3.939	979424.919	-37.705	47.977	-17.397	-17.397	-7.125
D	88008280	8800	8280	20/03/2005	79	15:33:00	-31 44 36.00600	134 49 06.23269	157.712	482799.093	6487998.768	161.09	908474	3440.629	0.024	-0.025	-0.225	3440.404	4.54	979424.318	-38.308	49.712	-18.026	-18.026	-6.621
D	88408160	8840	8160	20/03/2005	79	15:00:26	-31 44 22.87794	134 48 20.62037	137.425	481598.29	6488400.889	140.864	908474	3441.17	0.022	-0.007	-0.205	3440.965	3.979	979424.879	-37.452	43.471	-15.763	-1	

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	81607920	8160	7920	24/03/2005	83	16:25:00	-31 48 03.67940	134 46 49.06370	130.052	479203.019	6481598.152	133.777	908474	3444.554	0.02	-0.005	-0.01	3444.544	-7.226	979428.23	-39.061	41.284	-14.97	-12.747	
D	81607960	8160	7960	24/03/2005	83	16:19:20	-31 48 03.61421	134 47 04.30364	149.418	479603.737	6481600.961	153.119	908474	3442.017	0.02	0	-0.01	3442.007	-4.689	979425.693	-41.596	47.253	-17.134	-11.478	
D	81608000	8160	8000	24/03/2005	83	16:14:14	-31 48 03.63282	134 47 19.37388	159.755	479999.998	6481601.166	163.434	908474	3441.343	0.027	0.005	-0.01	3441.333	-4.015	979425.019	-42.271	50.436	-18.288	-10.123	
D	81608040	8160	8040	24/03/2005	83	16:07:02	-31 48 03.69428	134 47 34.68748	166.821	480402.66	6481600.048	170.475	908474	3440.819	0.027	0.01	-0.01	3440.809	-3.491	979424.495	-42.796	52.609	-19.076	-9.264	
D	81608080	8160	8080	24/03/2005	83	16:01:58	-31 48 03.66923	134 47 49.95203	155.912	480804.027	6481601.576	159.543	908474	3443.26	0.021	0.015	-0.01	3443.25	-5.932	979426.936	-40.355	49.235	-17.853	-8.972	
D	81608120	8160	8120	24/03/2005	83	15:55:59	-31 48 03.76648	134 48 05.12380	149.522	481202.962	6481599.318	153.13	908474	3443.915	0.018	0.02	-0.01	3443.905	-6.587	979427.591	-39.702	47.256	-17.135	-9.581	
D	81608160	8160	8160	24/03/2005	83	15:50:03	-31 48 03.54716	134 48 20.25102	140.559	481600.707	6481606.789	144.144	908474	3445.153	0.023	0.025	-0.01	3445.143	-7.825	979428.829	-38.459	44.483	-16.13	-10.106	
D	81608200	8160	8200	24/03/2005	83	15:43:52	-31 48 03.81365	134 48 35.57977	135.763	482003.779	6481599.297	139.325	908474	3445.308	0.025	0.03	-0.009	3445.299	-7.981	979428.985	-38.309	42.996	-15.59	-10.904	
D	81608240	8160	8240	24/03/2005	83	15:38:53	-31 48 03.81832	134 48 50.58201	135.926	482398.25	6481599.836	139.465	908474	3443.952	0.026	0.034	-0.009	3443.943	-6.625	979427.629	-39.665	43.039	-15.606	-12.232	
D	82007880	8200	7880	24/03/2005	83	14:39:57	-31 47 50.67185	134 46 33.82778	121.609	478801.578	6481997.82	125.348	908474	3444.354	0.026	0.079	-0.008	3444.346	-7.028	979428.032	-38.966	38.682	-14.026	-14.31	
D	82007920	8200	7920	24/03/2005	83	14:46:30	-31 47 50.65911	134 46 49.01430	140.4	479200.91	6481999.027	144.116	908474	3442.54	0.023	0.075	-0.008	3442.532	-5.214	979426.218	-40.78	44.474	-16.127	-12.432	
D	82007960	8200	7960	24/03/2005	83	14:52:32	-31 47 50.74653	134 47 04.26291	138.027	479601.881	6481997.138	141.719	908474	3444.855	0.019	0.071	-0.008	3444.847	-7.529	979428.533	-38.467	43.734	-15.858	-10.591	
D	82008000	8200	8000	24/03/2005	83	14:58:17	-31 47 50.76617	134 47 19.52791	141.336	480003.278	6481997.321	145.005	908474	3445.147	0.022	0.066	-0.008	3445.139	-7.821	979428.825	-38.176	44.749	-16.226	-9.653	
D	82008040	8200	8040	24/03/2005	83	15:04:26	-31 47 50.61155	134 47 34.55864	142.476	480398.505	6482002.842	146.122	908474	3445.597	0.02	0.062	-0.009	3445.588	-8.27	979429.274	-37.723	45.093	-16.351	-8.981	
D	82008080	8200	8080	24/03/2005	83	15:10:04	-31 47 50.75230	134 47 49.87826	145.446	480801.346	6481999.268	149.068	908474	3445.086	0.019	0.057	-0.009	3445.077	-7.759	979428.763	-38.237	46.002	-16.681	-8.916	
D	82008120	8200	8120	24/03/2005	83	15:16:02	-31 47 50.76098	134 48 05.05651	142.984	481200.461	6481999.737	146.583	908474	3445.198	0.017	0.053	-0.009	3445.189	-7.871	979428.875	-38.125	45.236	-16.403	-9.293	
D	82008160	8200	8160	24/03/2005	83	15:21:26	-31 47 50.78989	134 48 20.19851	142.003	481598.624	6481999.567	145.579	908474	3444.355	0.021	0.049	-0.009	3444.346	-7.028	979428.032	-38.969	44.926	-16.29	-10.334	
D	82008200	8200	8200	24/03/2005	83	15:26:52	-31 47 50.86898	134 48 35.57022	141.229	482002.831	6481997.846	144.782	908474	3443.299	0.021	0.044	-0.009	3443.299	-5.972	979426.976	-40.027	44.68	-16.201	-11.548	
D	82008240	8200	8240	24/03/2005	83	15:32:52	-31 47 50.90261	134 48 50.73516	142.49	482401.597	6481997.5	146.019	908474	3441.987	0.028	0.039	-0.009	3441.978	-4.66	979425.664	-41.34	45.061	-16.339	-12.618	
D	82407800	8240	7800	24/03/2005	83	14:27:20	-31 47 37.35540	134 46 03.39466	121.443	478000.457	6482406.137	125.22	908474	3443.081	0.029	0.087	-0.008	3443.073	-5.755	979426.759	-39.94	38.643	-14.012	-15.309	
D	82407920	8240	7920	24/03/2005	83	14:17:03	-31 47 37.63721	134 46 49.07290	130.931	479201.641	6482399.958	134.638	908474	3444.694	0.027	0.093	-0.008	3444.686	-7.368	979428.372	-38.334	41.549	-15.066	-11.85	
D	82408000	8240	8000	24/03/2005	83	14:10:17	-31 47 37.66084	134 47 19.45839	139.833	480000.666	6482400.813	143.493	908474	3444.873	0.026	0.097	-0.007	3444.866	-7.548	979428.552	-38.154	44.282	-16.057	-9.929	
D	82408040	8240	8040	24/03/2005	83	14:05:02	-31 47 37.53252	134 47 34.60583	138.392	480398.979	6482405.53	142.028	908474	3445.352	0.024	0.099	-0.007	3445.345	-8.027	979429.031	-37.672	43.83	-15.893	-9.735	
D	82408080	8240	8080	24/03/2005	83	13:59:27	-31 47 37.78675	134 47 50.01280	136.967	480804.139	6482398.466	140.58	908474	3445.797	0.025	0.102	-0.007	3445.79	-8.472	979429.476	-37.233	43.383	-15.731	-9.581	
D	82408160	8240	8160	24/03/2005	83	13:51:53	-31 47 37.71572	134 48 20.26926	145.13	481599.765	6482402.106	148.697	908474	3442.448	0.023	0.105	-0.007	3442.441	-5.123	979426.127	-40.58	45.888	-16.639	-11.331	
D	82408200	8240	8200	24/03/2005	83	13:46:19	-31 47 38.02893	134 48 35.52011	149.013	482000.822	6482393.172	152.557	908474	3440.533	0.021	0.108	-0.007	3440.526	-3.208	979424.212	-42.502	47.079	-17.071	-12.494	
D	82408240	8240	8240	24/03/2005	83	13:39:06	-31 47 37.77398	134 48 50.59716	156.854	482397.277	6482401.707	160.375	908474	3438.332	0.026	0.11	-0.007	3438.325	-1.007	979422.011	-44.698	49.492	-17.946	-13.152	
D	82807880	8280	7880	24/03/2005	83	12:42:19	-31 47 24.68580	134 46 34.01677	127.824	478804.9	6482797.907	131.546	908474	3443.068	0.021	0.119	-0.005	3443.063	-5.745	979426.749	-39.665	40.595	-14.72	-13.79	
D	82807920	8280	7920	24/03/2005	83	12:47:33	-31 47 24.68635	134 46 49.13679	131.236	479202.516	6482798.701	134.934	908474	3444.249	0.023	0.119	-0.006	3444.243	-6.925	979427.929	-38.485	41.641	-15.099	-11.944	
D	82807960	8280	7960	24/03/2005	83	12:52:48	-31 47 24.69254	134 47 04.30678	135.322	479601.445	6482799.308	138.997	908474	3445.505	0.023	0.119	-0.006	3445.499	-8.181	979429.185	-37.23	42.894	-15.554	-9.889	
D	82808000	8280	8000	24/03/2005	83	12:58:41	-31 47 24.73057	134 47 19.45945	136.375	479999.921	6482798.919	140.026	908474	3445.052	0.023	0.118	-0.006	3445.046	-7.728	979428.732	-37.683	43.212	-15.669	-10.14	
D	82808040	8280	8040	24/03/2005	83	13:05:10	-31 47 24.64627	134 47 34.70743	139.541	480400.896	6482802.286	143.169	908474	3444.283	0.021	0.118	-0.006	3444.277	-6.959	979427.963	-38.451	44.182	-16.021	-10.289	
D	82808080	8280	8080	24/03/2005	83	13:10:29	-31 47 24.77047	134 47 49.84930	142.298	480799.092	6482799.212	145.902	908474	3443.014	0.031	0.117	-0.006	3443.008	-5.69	979426.694	-39.722	45.025	-16.326	-11.023	
D	82808120	8280	8120	24/03/2005	83	13:15:48	-31 47 24.77570	134 48 05.09740	147.469	481200.076	6482799.791	151.05	908474	3441.336	0.023	0.116	-0.006	3441.33	-4.012	979425.016	-41.4	46.614	-16.902	-11.689	
D	82808160	8280	8160	24/03/2005	83	13:21:38	-31 47 24.76820	134 48 20.33276	144.141	481600.723	6482800.745	147.698	908474	3441.547	0.031	0.115	-0.006	3441.541	-4.223	979425.227	-41.189	45.58	-16.527	-12.137	
D	82808200	8280	8200	24/03/2005	83	13:26:51	-31 47 24.91890	134 48 35.57940	146.643	482001.675	6482796.814	150.178	908474	3440.446	0.024	0.114	-0.006	3440.44	-3.122	979424.126	-42.294	46.345	-16.805	-12.754	
D	82808240	8280	8240	24/03/2005	83	13:32:00	-31 47 24.88621	134 48 50.94378	143.004	482405.714	6482798.519	146.515	908474	3440.993	0.031	0.112	-0.007	3440.986	-3.668	979424.672	-41.747	45.215	-16.395	-12.928	
D	83207880	8320	7880	24/03/2005	83	12:36:04	-31 47 11.65767	134 46 33.90915	135.355	478801.245	6483199.02	139.067	908474	3441.49	0.034	0.118	-0.005	3441.485	-4.167	979425.171	-40.951	42.916	-15.562	-13.596	
D	83207920	8320	7920	24/03/2005	83	12:30:02	-31 47 11.67057	134 46 49.17206	129.839	479202.634	6483199.441	133.528	908474	3444.996	0.021	0.118	-0.005	3444.991	-7.673	979428.677	-37.445	41.207	-14.942	-11.18	
D	83207960	8320	7960	24/03/2005	83	12:24:48	-31 47 11.61477	134 47 04.43934	146.443	479604.133	6483201.962	150.108	908474	3442.436	0.022	0.117	-0.005	3442.43	-5.113	979426.117	-40.004	46.323	-16.797	-10.477	
D	83208000	83																							

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MG453(Z53)e	MG453(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	80808000	8080	8000	25/03/2005	84	11:08:20	-31 48 29.64362	134 47 19.20699	152.713	479997.166	6480800.318	156.41	908474	3440.584	0.026	0.059	0.11	3440.694		-3.271	979424.275	-43.599	48.268	-17.502	-12.834
D	80808080	8080	8080	25/03/2005	84	11:01:21	-31 48 29.68345	134 47 49.67512	137.198	480798.241	6480800.618	140.849	908474	3444.958	0.029	0.054	0.106	3445.064		-7.641	979428.645	-39.23	43.466	-15.761	-11.525
D	80808120	8080	8120	25/03/2005	84	10:56:02	-31 48 29.58394	134 48 04.85222	118.614	481197.273	6480804.419	122.241	908474	3449.792	0.024	0.05	0.103	3449.895		-12.472	979433.476	-34.397	37.724	-13.679	-10.352
D	80808160	8080	8160	25/03/2005	84	10:49:39	-31 48 29.62651	134 48 20.30544	117.91	481603.574	6480803.843	121.514	908474	3449.83	0.027	0.046	0.1	3449.93		-12.507	979433.511	-34.363	37.499	-13.597	-10.461
D	80808240	8080	8240	25/03/2005	84	10:41:32	-31 48 29.63810	134 48 50.44235	116.913	482395.938	6480804.872	120.471	908474	3447.797	0.027	0.039	0.095	3447.892		-10.469	979431.473	-36.401	37.177	-13.481	-12.705
D	81207880	8120	7880	25/03/2005	84	9:47:51	-31 48 16.49585	134 46 33.81206	123.227	478802.802	6481202.732	126.984	908474	3443.374	0.033	-0.004	0.065	3443.439		-6.016	979427.02	-40.559	39.187	-14.209	-15.581
D	81207920	8120	7920	25/03/2005	84	9:53:28	-31 48 16.77656	134 46 48.94844	127.021	479200.804	6481194.901	130.756	908474	3443.766	0.023	0	0.068	3443.834		-6.411	979427.415	-40.17	40.351	-14.632	-14.451
D	81207960	8120	7960	25/03/2005	84	9:58:34	-31 48 16.78587	134 47 04.11333	142.115	479599.537	6481195.413	145.826	908474	3442.602	0.027	0.004	0.071	3442.673		-5.25	979426.254	-41.331	45.002	-16.318	-12.647
D	81208000	8120	8000	25/03/2005	84	10:04:35	-31 48 16.66997	134 47 19.16977	172.983	479995.411	6481199.759	176.67	908474	3437.743	0.027	0.009	0.074	3437.817		-0.394	979421.398	-46.185	54.52	-19.769	-11.434
D	81208040	8120	8040	25/03/2005	84	10:09:45	-31 48 16.76165	134 47 34.34310	186.444	480394.371	6481197.704	190.109	908474	3436.069	0.028	0.014	0.077	3436.146		1.277	979419.727	-47.858	58.668	-21.273	-10.463
D	81208080	8120	8080	25/03/2005	84	10:14:45	-31 48 16.66135	134 47 49.72543	156.373	480798.815	6481201.554	160.014	908474	3442.075	0.027	0.018	0.08	3442.155		-4.732	979425.736	-41.847	49.38	-17.906	-10.372
D	81208120	8120	8120	25/03/2005	84	10:20:03	-31 48 16.75374	134 48 04.92351	137.101	481198.426	6481199.448	140.719	908474	3446.155	0.029	0.022	0.083	3446.238		-8.815	979429.819	-37.766	43.426	-15.746	-10.086
D	81208160	8120	8160	25/03/2005	84	10:24:44	-31 48 16.79270	134 48 20.06231	125.406	481596.475	6481198.968	129.001	908474	3448.836	0.025	0.026	0.086	3448.922		-11.499	979432.503	-35.083	39.81	-14.435	-9.708
D	81208200	8120	8200	25/03/2005	84	10:30:10	-31 48 16.85258	134 48 35.33258	125.417	481997.981	6481197.834	128.989	908474	3447.453	0.027	0.03	0.089	3447.542		-10.119	979431.123	-36.464	39.806	-14.434	-11.092
D	81208240	8120	8240	25/03/2005	84	10:34:53	-31 48 16.73392	134 48 50.42183	127.063	482394.718	6481202.174	130.612	908474	3445.625	0.024	0.034	0.091	3445.716		-8.293	979429.297	-38.287	40.307	-14.615	-12.596
D	81607880	8160	7880	25/03/2005	84	9:40:24	-31 48 03.62365	134 46 33.75634	119.116	478800.521	6481599.048	122.865	908474	3444.64	0.03	-0.011	0.06	3444.7		-7.277	979428.281	-39.008	37.916	-13.749	-14.841
D	82007880	8200	7880	25/03/2005	84	14:21:16	-31 47 50.67235	134 46 33.83064	121.597	478801.653	6481997.805	125.337	908474	3444.263	0.02	0.096	0.219	3444.482		-7.059	979428.063	-38.935	38.679	-14.025	-14.282
D	305	0	305	26/03/2005	85	9:05:58	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.792	0.033	-0.064	0	3419.792		0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	26/03/2005	85	9:08:48	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.793	0.028	-0.063	-0.001	3419.792		0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	26/03/2005	85	15:11:08	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.245	0.028	0.071	0.548	3419.793		0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	26/03/2005	85	15:13:46	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.254	0.025	0.069	-0.009	3419.245		0	979403.436	-42.219	39.624	-14.368	-16.963
D	51224824	5122	4824	26/03/2005	85	14:47:30	-31 31 29.94127	134 48 52.66359	125.139	482401.016	6512199.427	128.291	908474	3417.943	0.024	0.083	0.512	3418.455		1.338	979402.098	-42.912	39.591	-14.356	-17.677
D	51224832	5122	4832	26/03/2005	85	14:56:15	-31 31 29.91230	134 49 22.90631	126	483198.576	6512201.638	129.114	908474	3417.091	0.021	0.079	0.525	3417.616		2.177	979401.259	-43.75	39.845	-14.448	-18.353
D	51384824	5138	4824	26/03/2005	85	14:27:25	-31 30 37.99395	134 48 52.62300	120.31	482397.241	6513798.744	123.452	908474	3415.729	0.023	0.09	0.482	3416.211		3.582	979399.854	-43.994	38.097	-13.814	-19.711
D	51384832	5138	4832	26/03/2005	85	14:18:26	-31 30 37.94737	134 49 23.08360	135.354	483200.669	6513801.505	138.458	908474	3412.108	0.026	0.092	0.468	3412.576		7.217	979396.219	-47.628	42.728	-15.493	-20.393
D	51384840	5138	4840	26/03/2005	85	14:09:47	-31 30 38.07008	134 49 53.39588	131.802	484000.194	6513798.987	134.868	908474	3413.272	0.024	0.094	0.455	3413.727		6.066	979397.37	-46.48	41.62	-15.092	-19.951
D	51384848	5138	4848	26/03/2005	85	13:58:33	-31 30 38.09744	134 50 23.65928	138.549	484798.424	6513799.341	141.577	908474	3411.73	0.025	0.096	0.438	3412.168		7.625	979395.811	-48.039	43.691	-15.842	-20.191
D	51384856	5138	4856	26/03/2005	85	13:49:44	-31 30 38.31489	134 50 53.93729	144.588	485597.048	6513793.782	147.579	908474	3411.154	0.024	0.096	0.425	3411.579		8.214	979395.222	-48.633	45.543	-16.514	-19.604
D	51384864	5138	4864	26/03/2005	85	13:42:13	-31 30 38.15209	134 51 24.29012	150.121	486397.629	6513799.871	153.074	908474	3410.072	0.04	0.097	0.414	3410.486		9.307	979394.129	-49.723	47.239	-17.129	-19.613
D	51384872	5138	4872	26/03/2005	85	13:33:34	-31 30 38.18635	134 51 54.74042	150.571	487200.788	6513799.835	153.487	908474	3410.408	0.024	0.096	0.4	3410.808		8.985	979394.451	-49.401	47.366	-17.175	-19.21
D	51544840	5154	4840	26/03/2005	85	12:45:56	-31 29 45.87728	134 49 53.31640	128.196	483995.628	6515405.855	131.253	908474	3410.966	0.029	0.086	0.328	3411.294		8.499	979394.937	-47.746	40.505	-14.687	-21.928
D	51544848	5154	4848	26/03/2005	85	12:52:23	-31 29 46.04293	134 50 23.92625	135.247	484803.127	6515401.965	138.267	908474	3409.818	0.037	0.088	0.338	3410.156		9.637	979393.799	-48.888	42.669	-15.472	-21.69
D	51544856	5154	4856	26/03/2005	85	13:00:49	-31 29 46.27445	134 50 54.12897	138.687	485599.888	6515395.969	141.669	908474	3409.974	0.026	0.091	0.351	3410.325		9.468	979393.968	-48.724	43.719	-15.853	-20.857
D	51544864	5154	4864	26/03/2005	85	13:11:30	-31 29 46.16642	134 51 24.42172	153.826	486399.009	6515400.369	156.771	908474	3407.094	0.022	0.093	0.367	3407.461		12.332	979391.104	-51.585	48.38	-17.543	-20.748
D	51544872	5154	4872	26/03/2005	85	13:19:47	-31 29 46.20974	134 51 54.72779	149.484	487198.488	6515400.049	152.392	908474	3408.616	0.025	0.095	0.38	3408.996		10.797	979392.639	-50.051	47.028	-17.053	-20.076
D	51708000	5170	8000	26/03/2005	85	10:21:13	-31 28 53.79238	134 47 21.97328	123.144	480000.096	6517002.503	126.382	908474	3408.301	0.025	-0.012	0.11	3408.411		11.382	979392.054	-49.465	39.001	-14.142	-24.605
D	51704808	5170	4808	26/03/2005	85	10:12:28	-31 28 53.97679	134 47 52.31926	123.206	480800.762	6516998.332	126.406	908474	3408.64	0.022	-0.019	0.096	3408.736		11.057	979392.379	-49.144	39.009	-14.145	-24.28
D	51704816	5170	4816	26/03/2005	85	10:03:36	-31 28 53.99431	134 48 22.59561	131.568	481599.58	6516999.233	134.731	908474	3409.72	0.026	-0.026	0.083	3409.803		9.99	979393.446	-48.077	41.578	-15.076	-21.576
D	51704832	5170	4832	26/03/2005	85	9:48:40	-31 28 54.10319	134 49 23.23697	129.331	483199.558	6516998.583	132.418	908474	3408.068	0.037	-0.037	0.06	3408.128		11.665	979391.771	-49.755	40.864	-14.818	-23.708
D	51704840	5170	4840	26/03/2005	85	9:41:04	-31 28 54.11596	134 49 53.63566	129.091	484001.608	6516999.485	132.148	908474	3407.994	0.024	-0									

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MG453(Z53)e	MG453(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51224872	5122	4872	27/03/2005	86	8:59:28	-31 31 29.91535	134 51 54.33780	137.864	487192.129	6512207.227	140.789	908474	3415.305	0.018	-0.084	-0.047	3415.258	4.122	979399.314	-45.695	43.447	-15.754	-18.002	
D	51384784	5138	4784	27/03/2005	86	12:10:40	-31 30 37.75347	134 46 20.94831	128.84	478396.639	6513798.613	132.172	908474	3412.019	0.021	0.035	-0.176	3411.843	7.537	979395.899	-47.944	40.788	-14.79	-21.945	
D	51384792	5138	4792	27/03/2005	86	12:03:43	-31 30 37.78267	134 46 51.51624	123.001	479202.905	6513799.356	126.295	908474	3414.066	0.019	0.03	-0.171	3413.895	5.485	979397.951	-45.892	38.975	-14.132	-21.05	
D	51384800	5138	4800	27/03/2005	86	11:54:24	-31 30 37.94203	134 47 21.54094	127.839	479994.849	6513796.002	131.095	908474	3413.64	0.022	0.024	-0.165	3413.475	5.905	979397.531	-46.316	40.456	-14.669	-20.53	
D	51384808	5138	4808	27/03/2005	86	11:45:13	-31 30 37.84610	134 47 52.00856	119.888	480798.461	6513800.469	123.106	908474	3416.297	0.023	0.017	-0.159	3416.138	3.242	979400.194	-43.651	37.991	-13.776	-19.436	
D	51544792	5154	4792	27/03/2005	86	12:20:25	-31 29 45.81603	134 46 51.60712	119.346	479202.106	6515399.272	122.629	908474	3411.955	0.022	0.04	-0.183	3411.772	7.608	979395.828	-46.853	37.843	-13.722	-22.732	
D	51544800	5154	4800	27/03/2005	86	12:27:23	-31 29 45.79276	134 47 21.52880	123.192	479991.444	6515401.535	126.438	908474	3411.055	0.015	0.045	-0.187	3410.868	8.512	979394.924	-47.757	39.019	-14.148	-22.887	
D	51544808	5154	4808	27/03/2005	86	12:36:21	-31 29 45.76959	134 47 52.10180	125.338	480797.963	6515403.766	128.546	908474	3411.999	0.015	0.05	-0.194	3411.805	7.575	979395.861	-46.82	39.669	-14.384	-21.535	
D	51544824	5154	4824	27/03/2005	86	12:51:19	-31 29 45.95705	134 48 52.70216	124.569	482396.62	6515400.82	127.702	908474	3412.751	0.015	0.057	-0.204	3412.547	6.833	979396.603	-46.082	39.409	-14.29	-20.963	
D	51544832	5154	4832	27/03/2005	86	13:00:10	-31 29 46.01997	134 49 23.05519	120.999	483197.34	6515400.205	124.094	908474	3413.063	0.026	0.061	-0.21	3412.853	6.527	979396.909	-45.777	38.295	-13.886	-21.368	
D	51544840	5154	4840	27/03/2005	86	13:11:33	-31 29 46.04691	134 49 53.25960	128.324	483994.138	6515400.631	131.381	908474	3411.1	0.019	0.066	-0.217	3410.883	8.497	979394.939	-47.748	40.544	-14.701	-21.905	
D	305	0	305	28/03/2005	87	8:46:00	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.911	0	0	0	3419.911	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	28/03/2005	87	8:49:00	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3419.908	0	0	0.003	3419.911	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	28/03/2005	87	14:14:40	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3420.358	0.03	0.052	-0.45	3419.908	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	28/03/2005	87	14:17:22	-31 31 58.79180	134 48 44.09800	125.23	482176.646	6511310.811	128.399	908474	3420.348	0.026	0.052	0.01	3420.358	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	50584784	5058	4784	28/03/2005	87	12:20:25	-31 34 57.44717	134 46 20.38211	126.34	478398.327	6505803.266	129.729	908474	3425.708	0.019	0.005	-0.292	3425.416	-5.508	979408.944	-40.709	40.034	-14.517	-15.192	
D	50584792	5058	4792	28/03/2005	87	12:02:00	-31 34 57.58913	134 46 50.85537	120.599	479201.485	6505800.536	123.948	908474	3426.928	0	0	-0.267	3426.661	-6.753	979410.189	-39.468	38.25	-13.87	-15.087	
D	50584800	5058	4800	28/03/2005	87	11:56:00	-31 34 57.60290	134 47 21.08306	124.895	479998.161	6505801.677	128.203	908474	3425.591	0	0	-0.258	3425.333	-5.425	979408.861	-40.796	39.563	-14.346	-15.578	
D	50588080	5058	8080	28/03/2005	87	11:49:00	-31 34 57.69349	134 47 51.59063	127.413	480802.218	6505800.407	130.681	908474	3426.359	0	0	-0.249	3426.11	-6.202	979409.938	-40.021	40.328	-14.623	-13.976	
D	50584816	5058	4816	28/03/2005	87	11:43:00	-31 34 57.77726	134 48 21.80492	128.582	481598.545	6505799.27	131.81	908474	3427.645	0	0	-0.24	3427.405	-7.497	979410.933	-38.728	40.677	-14.749	-12.801	
D	50584824	5058	4824	28/03/2005	87	11:33:00	-31 34 57.72057	134 48 52.30516	133.263	482402.4	6505802.409	136.451	908474	3426.946	0	0	-0.227	3426.719	-6.811	979410.247	-39.413	42.109	-15.269	-12.573	
D	50584832	5058	4832	28/03/2005	87	11:26:00	-31 34 57.76019	134 49 22.57310	139.564	483200.137	6505802.511	142.713	908474	3425.289	0	0	-0.217	3425.072	-5.164	979408.6	-41.06	44.041	-15.97	-12.989	
D	50584840	5058	4840	28/03/2005	87	11:18:00	-31 34 57.87364	134 49 52.89339	138.868	483999.258	6505800.281	141.977	908474	3425.165	0	0	-0.206	3424.959	-5.051	979408.487	-41.176	43.814	-15.887	-13.249	
D	50744792	5074	4792	28/03/2005	87	10:13:00	-31 34 50.66644	134 46 50.95795	122.962	479200.986	6507399.117	126.3	908474	3424.129	0	0	-0.116	3424.013	-4.105	979407.541	-40.953	38.976	-14.133	-16.11	
D	50744800	5074	4800	28/03/2005	87	10:21:00	-31 34 50.82879	134 47 21.29603	126.159	480000.704	6507395.689	129.458	908474	3424.284	0	0	-0.127	3424.157	-4.249	979407.685	-40.813	39.951	-14.486	-15.348	
D	50744808	5074	4808	28/03/2005	87	10:28:00	-31 34 50.84263	134 47 51.54971	124.757	480798.188	6507396.768	128.016	908474	3425.847	0	0	-0.137	3425.71	-5.802	979409.238	-39.26	39.506	-14.325	-14.079	
D	50744816	5074	4816	28/03/2005	87	10:35:00	-31 34 50.83025	134 48 21.93853	124.901	481599.232	6507398.6	128.12	908474	3426.469	0	0	-0.146	3426.323	-6.415	979409.851	-38.647	39.538	-14.337	-13.446	
D	50744824	5074	4824	28/03/2005	87	10:42:00	-31 34 50.73760	134 48 52.31882	130.346	482400.047	6507402.84	133.526	908474	3425.525	0	0	-0.156	3425.369	-5.461	979408.897	-39.599	41.206	-14.942	-13.334	
D	50744832	5074	4832	28/03/2005	87	10:50:00	-31 34 50.68010	134 49 22.69326	135.684	483200.71	6507405.936	138.824	908474	3423.223	0	0	-0.167	3423.056	-3.148	979406.584	-41.911	42.841	-15.534	-14.604	
D	50744840	5074	4840	28/03/2005	87	11:04:00	-31 34 50.97748	134 49 53.01698	141.028	484000.053	6507398.043	144.129	908474	3421.822	0	0	-0.187	3421.635	-1.727	979405.163	-43.338	44.478	-16.128	-14.988	
D	50904776	5090	4776	28/03/2005	87	10:05:00	-31 33 13.55473	134 45 50.30784	119.075	477598.796	6509000.185	122.481	908474	3422.92	0	0	-0.105	3422.815	-2.907	979406.343	-40.985	37.798	-13.706	-16.893	
D	50904784	5090	4784	28/03/2005	87	9:59:00	-31 33 13.50652	134 46 20.64532	119.071	478398.61	6509003.362	122.438	908474	3423.699	0	0	-0.097	3423.602	-3.694	979407.13	-40.197	37.784	-13.701	-16.113	
D	50904792	5090	4792	28/03/2005	87	9:51:00	-31 33 13.56682	134 46 51.01030	124.262	479199.155	6509003.139	127.59	908474	3422.477	0	0	-0.086	3422.391	-2.483	979405.919	-41.409	39.374	-14.277	-16.312	
D	50904800	5090	4800	28/03/2005	87	9:43:00	-31 33 13.76438	134 47 21.46676	128.125	480002.119	6508998.633	131.413	908474	3422.089	0	0	-0.075	3422.014	-2.106	979405.542	-41.791	40.554	-14.705	-15.942	
D	50904808	5090	4808	28/03/2005	87	9:36:00	-31 33 13.80499	134 47 51.86989	126.533	480803.668	6508998.894	129.782	908474	3422.165	0	0	-0.065	3422.1	-2.192	979405.628	-41.706	40.051	-14.523	-16.177	
D	50904816	5090	4816	28/03/2005	87	9:29:00	-31 33 13.78520	134 48 22.17534	125.183	481602.637	6509000.949	128.393	908474	3423.267	0	0	-0.055	3423.212	-3.304	979406.74	-40.593	39.622	-14.367	-15.338	
D	51224816	5122	4816	28/03/2005	87	13:02:29	-31 31 29.85356	134 48 21.13505	125.237	481569.54	6512200.688	128.429	908474	3419.517	0.018	0.028	-0.35	3419.167	0.741	979402.695	-42.313	39.633	-14.371	-17.051	
D	51224816	5122	4816	28/03/2005	87	12:58:24	-31 31 29.75933	134 48 22.21342	123.658	481597.974	6512203.639	126.849	908474	3419.82	0.027	0.026	-0.345	3419.475	0.433	979403.003	-42.003	39.146	-14.194	-17.052	
D	51384816	5138	4816	28/03/2005	87	13:17:40	-31 30 37.95018	134 48 22.41913	120.929	481600.578	6513798.713	124.109	908474	3417.643	0.049	0.035	-0.371	3417.272	2.636	979400.8	-43.047	38.3	-13.888	-18.635	
D	51544816	5154	4816	28/03/2005	87	13:23:43	-31 29 45.94992	134 48 22.40341	120.12	481597.335	6515399.658	123.29	908474	3415.479	0.027	0.038	-0.38	3415.099	4.809	979398.627	-44.058	38.047	-13.796	-19.806	
D	51704816	5170	4816	28/03/2005	87	13:33:10	-31 28 53.99378	134 48 22.59369	131.563	481599.529	6516999.249	134.726	908474	3410.345	0.021	0.041	-0.393	3409.952	9.956						

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	50548000	5054	8000	28/05/2005	148	14:13:05	-31 35 10.51051	134 47 21.12818	124.493	480000.116	6505404.285	127.804	601307	4063.259	0.05	-0.041	-0.168	4063.091	-6.167	979409.603	-40.343	39.44	-14.301	-15.204	
D	50548020	5054	8020	28/05/2005	148	14:07:48	-31 35 10.61833	134 47 28.53074	125.35	480195.216	6505401.339	128.651	601307	4063.376	0.053	-0.043	-0.166	4063.21	-6.286	979409.722	-40.226	39.702	-14.396	-14.921	
D	50548040	5054	8040	28/05/2005	148	14:03:15	-31 35 10.54156	134 47 36.41439	126.103	480402.983	6505404.097	129.393	601307	4063.645	0.066	-0.044	-0.164	4063.481	-6.557	979409.993	-39.954	39.931	-14.479	-14.502	
D	50548060	5054	8060	28/05/2005	148	13:59:09	-31 35 10.85453	134 47 43.89945	126.055	480600.268	6505394.832	129.335	601307	4064.075	0.086	-0.045	-0.162	4063.913	-6.989	979410.425	-39.529	39.913	-14.473	-14.088	
D	50548080	5054	8080	28/05/2005	148	13:55:37	-31 35 10.60638	134 47 51.34485	127.319	480796.476	6505402.637	130.589	601307	4064.273	0.064	-0.046	-0.161	4064.112	-7.188	979410.624	-39.324	40.3	-14.613	-13.637	
D	50548100	5054	8100	28/05/2005	148	13:51:55	-31 35 10.70091	134 47 58.87263	128.11	480994.875	6505400.292	131.37	601307	4064.63	0.055	-0.047	-0.159	4064.471	-7.547	979410.983	-38.967	40.541	-14.7	-13.127	
D	50548120	5054	8120	28/05/2005	148	13:47:36	-31 35 10.59303	134 48 06.76058	127.361	481202.754	6505403.992	130.611	601307	4065.024	0.064	-0.048	-0.158	4064.866	-7.942	979411.378	-38.57	40.307	-14.615	-12.878	
D	50548140	5054	8140	28/05/2005	148	13:39:57	-31 35 10.60706	134 48 14.47683	127.158	481406.118	6505401.965	130.397	601307	4065.226	0.063	-0.05	-0.154	4065.072	-8.148	979411.584	-38.366	40.241	-14.591	-12.716	
D	50548160	5054	8160	28/05/2005	148	13:34:01	-31 35 10.95304	134 48 21.81745	128.752	481599.594	6505393.619	131.983	601307	4065.444	0.056	-0.051	-0.152	4065.292	-8.368	979411.804	-38.152	40.73	-14.769	-12.191	
D	50548180	5054	8180	28/05/2005	148	13:30:21	-31 35 10.63778	134 48 29.63674	130.692	481805.653	6505403.689	133.911	601307	4065.142	0.041	-0.052	-0.151	4064.991	-8.067	979411.503	-38.446	41.325	-14.985	-12.105	
D	50548200	5054	8200	28/05/2005	148	13:26:29	-31 35 10.78854	134 48 36.90274	133.498	481997.155	6505399.381	136.708	601307	4064.375	0.059	-0.053	-0.149	4064.226	-7.302	979410.738	-39.214	42.188	-15.298	-12.324	
D	50548220	5054	8220	28/05/2005	148	13:22:38	-31 35 10.80165	134 48 44.51410	134.98	482197.751	6505399.323	138.181	601307	4063.911	0.055	-0.054	-0.147	4063.764	-6.84	979410.276	-39.676	42.643	-15.462	-12.496	
D	50548240	5054	8240	28/05/2005	148	13:18:49	-31 35 10.93997	134 48 52.07342	136.383	482396.983	6505395.405	139.574	601307	4063.806	0.051	-0.055	-0.146	4063.66	-6.736	979410.172	-39.784	43.073	-15.618	-12.329	
D	50548260	5054	8260	28/05/2005	148	13:15:03	-31 35 10.78988	134 48 59.59147	138.482	482595.111	6505400.36	141.663	601307	4063.22	0.04	-0.056	-0.144	4063.076	-6.152	979409.588	-40.364	43.717	-15.852	-12.499	
D	50548280	5054	8280	28/05/2005	148	13:10:03	-31 35 10.77415	134 49 07.29790	140.314	482798.212	6505401.183	143.485	601307	4062.874	0.055	-0.057	-0.142	4062.732	-5.808	979409.244	-40.708	44.279	-16.056	-12.484	
D	50548300	5054	8300	28/05/2005	148	13:06:06	-31 35 10.67118	134 49 14.89286	141.553	482998.37	6505404.683	144.714	601307	4062.57	0.079	-0.058	-0.141	4062.429	-5.505	979408.941	-41.009	44.659	-16.193	-12.543	
D	50548320	5054	8320	28/05/2005	148	13:01:53	-31 35 10.86380	134 49 22.65526	142.942	483202.956	6505399.086	146.092	601307	4062.245	0.047	-0.059	-0.139	4062.106	-5.182	979408.618	-41.336	45.084	-16.348	-12.6	
D	50548340	5054	8340	28/05/2005	148	12:58:06	-31 35 11.01149	134 49 29.97114	145.882	483395.771	6505394.849	149.023	601307	4061.413	0.059	-0.06	-0.138	4061.275	-4.351	979407.787	-42.17	45.988	-16.676	-12.857	
D	50548360	5054	8360	28/05/2005	148	12:54:31	-31 35 10.94213	134 49 37.57994	146.241	483596.296	6505397.303	149.372	601307	4061.394	0.045	-0.061	-0.136	4061.258	-4.334	979407.77	-42.186	46.096	-16.715	-12.804	
D	50548380	5054	8380	28/05/2005	148	12:50:24	-31 35 10.68764	134 49 45.42083	143.224	483802.928	6505405.463	146.345	601307	4062.159	0.09	-0.062	-0.134	4062.025	-5.101	979408.537	-41.413	45.162	-16.376	-12.627	
D	50548400	5054	8400	28/05/2005	148	12:45:25	-31 35 11.02700	134 49 52.72997	138.182	483995.575	6505395.314	141.293	601307	4063.2	0.045	-0.063	-0.132	4063.068	-6.144	979409.58	-40.378	43.603	-15.811	-12.585	
D	50588000	5058	8000	28/05/2005	148	14:29:11	-31 34 57.72420	134 47 20.95269	124.788	479994.732	6505797.936	128.096	601307	4062.939	0.066	-0.038	-0.174	4062.765	-5.841	979409.277	-40.383	39.53	-14.334	-15.186	
D	50588020	5058	8020	28/05/2005	148	14:36:01	-31 34 57.79377	134 47 29.03550	125.029	480207.765	6505796.203	128.327	601307	4063.31	0.059	-0.036	-0.177	4063.133	-6.209	979409.645	-40.016	39.602	-14.36	-14.774	
D	50588040	5058	8040	28/05/2005	148	14:40:36	-31 34 57.73336	134 47 36.54240	124.776	480405.612	6505798.438	128.064	601307	4063.691	0.094	-0.035	-0.179	4063.512	-6.588	979410.024	-39.636	39.521	-14.33	-14.446	
D	50588060	5058	8060	28/05/2005	148	14:45:39	-31 34 57.79137	134 47 44.17493	125.945	480606.777	6505797.03	129.222	601307	4063.723	0.063	-0.034	-0.181	4063.542	-6.618	979410.054	-39.607	39.878	-14.46	-14.189	
D	50588080	5058	8080	28/05/2005	148	14:50:29	-31 34 57.45269	134 47 51.69362	127.557	480804.919	6505807.825	130.824	601307	4063.6	0.061	-0.033	-0.183	4063.417	-6.493	979409.929	-39.725	40.372	-14.639	-13.991	
D	50588120	5058	8120	28/05/2005	148	15:03:17	-31 34 57.43907	134 48 06.89900	130.416	481205.669	6505808.978	133.663	601307	4063.613	0.048	-0.031	-0.188	4063.425	-6.501	979409.937	-39.716	41.248	-14.957	-13.425	
D	50588140	5058	8140	28/05/2005	148	15:08:56	-31 34 57.57978	134 48 14.72353	129.407	481411.898	6505805.017	132.644	601307	4064.444	0.067	-0.03	-0.19	4064.254	-7.33	979410.766	-38.89	40.934	-14.843	-12.799	
D	50588160	5058	8160	28/05/2005	148	15:15:34	-31 34 57.88786	134 48 21.94877	128.635	481602.342	6505795.871	131.863	601307	4064.942	0.059	-0.029	-0.193	4064.749	-7.825	979411.261	-38.402	40.693	-14.755	-12.465	
D	50588180	5058	8180	28/05/2005	148	15:20:40	-31 34 57.76535	134 48 29.32652	130.354	481796.782	6505799.986	133.572	601307	4064.905	0.06	-0.028	-0.195	4064.71	-7.786	979411.222	-38.439	41.22	-14.947	-12.165	
D	50588200	5058	8200	28/05/2005	148	15:26:15	-31 34 57.91962	134 48 37.35311	134.116	482008.337	6505795.605	137.323	601307	4063.997	0.06	-0.028	-0.197	4063.8	-6.876	979410.312	-39.352	42.378	-15.366	-12.341	
D	50588220	5058	8220	28/05/2005	148	15:33:10	-31 34 57.68571	134 48 44.85221	133.504	482205.97	6505803.147	136.702	601307	4064.134	0.077	-0.027	-0.2	4063.934	-7.01	979410.446	-39.213	42.186	-15.297	-12.324	
D	50588240	5058	8240	28/05/2005	148	15:38:12	-31 34 57.72666	134 48 52.39216	133.384	482404.693	6505802.225	136.572	601307	4064.222	0.057	-0.026	-0.202	4064.02	-7.096	979410.532	-39.128	42.146	-15.282	-12.264	
D	50588260	5058	8260	28/05/2005	148	15:42:42	-31 34 57.94289	134 49 00.08024	134.064	482607.33	6505795.91	137.243	601307	4063.771	0.07	-0.026	-0.204	4063.567	-6.643	979410.079	-39.585	42.353	-15.357	-12.59	
D	50588280	5058	8280	28/05/2005	148	15:47:43	-31 34 57.70724	134 49 07.44564	136.269	482801.439	6505803.488	139.438	601307	4063.175	0.06	-0.026	-0.206	4062.969	-6.045	979409.481	-40.178	43.031	-15.603	-12.751	
D	50588300	5058	8300	28/05/2005	148	15:52:56	-31 34 57.85090	134 49 15.15319	137.819	483004.584	6505799.4	140.977	601307	4063.008	0.082	-0.025	-0.208	4062.8	-5.876	979409.312	-40.35	43.506	-15.775	-12.62	
D	50588320	5058	8320	28/05/2005	148	15:57:43	-31 34 57.78106	134 49 22.94544	139.9	483209.952	6505801.884	143.048	601307	4062.538	0.076	-0.025	-0.21	4062.328	-5.404	979408.884	-40.821	44.145	-16.007	-12.683	
D	50588340	5058	8340	28/05/2005	148	16:02:45	-31 34 57.85422	134 49 30.13617	141.66	483399.473	6505799.937	144.799	601307	4062.27	0.057	-0.025	-0.212	4062.058	-5.134	979408.57	-41.092	44.685	-16.203	-12.61	
D	50588360	5058	8360	28/05/2005	148	16:08:06	-31 34 58.00206	134 49 37.96944	142.828	483605.932	6505795.713	145.956	601307	4061.743	0.064	-0.024	-0.214	4061.529	-4.605	979408.041	-41.625	45.042	-16.332	-12.915	
D	50588380	5058	8380	28/05/2005	148	16:13:46	-31 34 58.16817	134 49 45.61305	141.591	483807.393	6505790.915	144.709	601307	4061.791	0.051	-0.024	-0.217	4061.574	-4.65	979408.086	-41.584	44.657	-		

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	50668240	5066	8240	29/05/2005	149	10:08:37	-31 34 31.64637	134 48 52.24095	130.042	482399.347	6506605.168	133.226	601307	4063.583	0.058	-0.038	-0.031	4063.552	-6.541	979409.977	-39.099	41.114	-14.908	-12.893	
D	50668260	5066	8260	29/05/2005	149	10:04:50	-31 34 31.81728	134 49 00.03459	130.171	482604.779	6506600.253	133.345	601307	4063.594	0.07	-0.037	-0.03	4063.564	-6.553	979409.989	-39.091	41.15	-14.921	-12.862	
D	50668280	5066	8280	29/05/2005	149	10:00:43	-31 34 31.76317	134 49 07.39315	132.184	482798.732	6506602.242	135.349	601307	4062.99	0.053	-0.035	-0.03	4062.96	-5.949	979409.385	-39.693	41.769	-15.146	-13.07	
D	50668300	5066	8300	29/05/2005	149	9:56:34	-31 34 31.79890	134 49 15.04746	134.791	483000.485	6506601.474	137.945	601307	4062.042	0.042	-0.032	-0.029	4062.013	-5.002	979408.438	-40.641	42.57	-15.436	-13.507	
D	50668320	5066	8320	29/05/2005	149	9:52:31	-31 34 32.19979	134 49 22.57450	137.964	483198.901	6506589.454	141.108	601307	4061.386	0.051	-0.03	-0.028	4061.358	-4.347	979407.783	-41.305	43.546	-15.79	-13.549	
D	50668340	5066	8340	29/05/2005	149	9:47:53	-31 34 31.92381	134 49 30.24179	141.216	483400.98	6506598.276	144.35	601307	4060.457	0.064	-0.028	-0.027	4060.43	-3.419	979406.855	-42.227	44.546	-16.153	-13.833	
D	50668360	5066	8360	29/05/2005	149	9:44:04	-31 34 31.85869	134 49 37.67591	142.461	483596.924	6506600.593	145.586	601307	4060.12	0.05	-0.026	-0.027	4060.093	-3.082	979406.518	-42.562	44.928	-16.291	-13.926	
D	50668380	5066	8380	29/05/2005	149	9:40:14	-31 34 31.92469	134 49 45.39187	144.208	483800.303	6506598.88	147.322	601307	4059.859	0.063	-0.023	-0.026	4059.833	-2.822	979406.258	-42.824	45.464	-16.485	-13.846	
D	50668400	5066	8400	29/05/2005	149	9:36:02	-31 34 32.00616	134 49 52.70684	145.005	483993.113	6506596.671	148.11	601307	4059.966	0.049	-0.021	-0.025	4059.941	-2.93	979406.366	-42.718	45.707	-16.573	-13.585	
D	50708000	5070	8000	29/05/2005	149	10:59:35	-31 34 18.81820	134 47 21.03952	126.029	479994.713	6506995.764	129.33	601307	4061.97	0.047	-0.059	-0.041	4061.929	-4.918	979408.354	-40.435	39.911	-14.472	-14.995	
D	50708020	5070	8020	29/05/2005	149	11:04:06	-31 34 18.75381	134 47 28.82120	127.624	480199.825	6506998.139	130.916	601307	4061.807	0.079	-0.061	-0.041	4061.766	-4.755	979408.191	-40.596	40.401	-14.649	-14.845	
D	50708040	5070	8040	29/05/2005	149	11:07:50	-31 34 18.71474	134 47 36.42883	127.692	480400.351	6506999.723	130.973	601307	4062.364	0.065	-0.062	-0.042	4062.322	-5.311	979408.747	-40.039	40.418	-14.656	-14.277	
D	50708060	5070	8060	29/05/2005	149	11:11:53	-31 34 18.91989	134 47 43.80324	126.521	480594.744	6506993.772	129.793	601307	4062.822	0.058	-0.063	-0.043	4062.779	-5.768	979409.204	-39.587	40.054	-14.524	-14.057	
D	50708080	5070	8080	29/05/2005	149	11:15:58	-31 34 18.47049	134 47 51.47080	125.783	480796.827	6507007.983	129.044	601307	4063.128	0.072	-0.064	-0.044	4063.084	-6.073	979409.509	-39.272	39.823	-14.44	-13.889	
D	50708100	5070	8100	29/05/2005	149	11:19:32	-31 34 18.71411	134 47 59.17196	124.888	480999.834	6507000.856	128.139	601307	4063.479	0.063	-0.065	-0.044	4063.435	-6.424	979409.86	-38.926	39.544	-14.339	-13.721	
D	50708120	5070	8120	29/05/2005	149	11:23:13	-31 34 18.77316	134 48 06.69853	126.102	481198.229	6506999.399	129.343	601307	4063.389	0.051	-0.065	-0.045	4063.344	-6.333	979409.769	-39.019	39.915	-14.473	-13.577	
D	50708140	5070	8140	29/05/2005	149	11:27:28	-31 34 19.00830	134 48 14.41517	127.77	481401.644	6506992.526	131.002	601307	4063.364	0.055	-0.066	-0.046	4063.318	-6.307	979409.743	-39.05	40.427	-14.659	-13.282	
D	50708160	5070	8160	29/05/2005	149	11:30:53	-31 34 18.92905	134 48 21.90965	128.048	481599.185	6506995.318	131.27	601307	4063.445	0.049	-0.067	-0.046	4063.399	-6.388	979409.824	-38.967	40.51	-14.689	-13.146	
D	50708180	5070	8180	29/05/2005	149	11:34:20	-31 34 18.73585	134 48 29.47387	127.579	481798.559	6507001.618	130.791	601307	4063.704	0.064	-0.067	-0.047	4063.657	-6.646	979410.082	-38.705	40.362	-14.635	-12.978	
D	50708200	5070	8200	29/05/2005	149	11:38:02	-31 34 18.74654	134 48 37.21890	127.848	482002.71	6507001.644	131.049	601307	4063.599	0.047	-0.068	-0.048	4063.551	-6.54	979409.976	-38.811	40.442	-14.664	-13.034	
D	50708220	5070	8220	29/05/2005	149	11:41:43	-31 34 18.60139	134 48 44.87234	129.124	482204.438	6507006.461	132.316	601307	4063.474	0.058	-0.069	-0.048	4063.426	-6.415	979409.851	-38.933	40.833	-14.806	-12.906	
D	50708240	5070	8240	29/05/2005	149	11:45:25	-31 34 18.74095	134 48 52.22985	131.668	482398.381	6507002.494	134.85	601307	4062.901	0.049	-0.069	-0.049	4062.852	-5.841	979409.277	-39.51	41.615	-15.09	-12.985	
D	50708260	5070	8260	29/05/2005	149	11:48:59	-31 34 18.97855	134 48 59.86466	131.202	482599.638	6506995.519	134.374	601307	4062.705	0.049	-0.069	-0.05	4062.655	-5.644	979409.08	-39.712	41.468	-15.036	-13.281	
D	50708280	5070	8280	29/05/2005	149	11:52:34	-31 34 18.85305	134 49 07.55685	133.86	482802.388	6506999.72	137.022	601307	4062.06	0.065	-0.07	-0.05	4062.01	-4.999	979408.435	-40.354	42.285	-15.333	-13.402	
D	50708300	5070	8300	29/05/2005	149	11:56:15	-31 34 18.74777	134 49 14.98915	134.167	482998.29	6507003.284	137.319	601307	4061.765	0.046	-0.07	-0.051	4061.714	-4.703	979408.139	-40.648	42.377	-15.366	-13.637	
D	50708320	5070	8320	29/05/2005	149	12:00:15	-31 34 18.90045	134 49 22.65813	136.657	483200.443	6506998.912	139.799	601307	4060.984	0.051	-0.07	-0.052	4060.932	-3.921	979407.357	-41.433	43.142	-15.643	-13.935	
D	50708340	5070	8340	29/05/2005	149	12:03:53	-31 34 18.90228	134 49 30.28158	138.296	483401.388	6506999.179	141.429	601307	4060.406	0.047	-0.071	-0.052	4060.354	-3.343	979406.779	-42.011	43.645	-15.826	-14.192	
D	50708360	5070	8360	29/05/2005	149	12:07:30	-31 34 19.05566	134 49 37.75407	140.199	483598.361	6506994.77	143.322	601307	4060.039	0.063	-0.071	-0.053	4059.986	-2.975	979406.411	-42.383	44.229	-16.038	-14.191	
D	50708380	5070	8380	29/05/2005	149	12:10:59	-31 34 18.99767	134 49 45.45791	142.003	483801.423	6506996.874	145.116	601307	4059.615	0.077	-0.071	-0.054	4059.561	-2.55	979405.986	-42.807	44.783	-16.238	-14.262	
D	50708400	5070	8400	29/05/2005	149	12:14:21	-31 34 18.87068	134 49 52.94464	140.355	483998.758	6507001.09	143.458	601307	4060.052	0.046	-0.071	-0.054	4059.998	-2.987	979406.423	-42.367	44.271	-16.053	-14.149	
D	50748000	5074	8000	29/05/2005	149	13:44:42	-31 34 05.87296	134 47 21.48682	126.263	480005.736	6507394.339	129.561	601307	4061.537	0.073	-0.06	-0.071	4061.466	-4.455	979407.891	-40.608	39.983	-14.498	-15.123	
D	50748020	5074	8020	29/05/2005	149	13:38:55	-31 34 05.49034	134 47 29.08914	125.69	480206.11	6507406.503	128.978	601307	4061.957	0.062	-0.062	-0.07	4061.887	-4.876	979408.312	-40.178	39.803	-14.433	-14.808	
D	50748040	5074	8040	29/05/2005	149	13:34:23	-31 34 05.52134	134 47 36.39669	126.347	480398.738	6507405.914	129.626	601307	4062.053	0.052	-0.063	-0.069	4061.984	-4.973	979408.409	-40.082	40.003	-14.505	-14.585	
D	50748060	5074	8060	29/05/2005	149	13:29:27	-31 34 05.76396	134 47 43.98091	125.992	480598.671	6507398.819	129.261	601307	4062.547	0.065	-0.064	-0.068	4062.479	-5.468	979408.904	-39.592	39.89	-14.464	-14.167	
D	50748080	5074	8080	29/05/2005	149	13:18:55	-31 34 05.89915	134 47 51.68937	124.723	480801.872	6507395.035	127.982	601307	4063.111	0.058	-0.066	-0.066	4063.045	-6.034	979409.47	-39.029	39.495	-14.321	-13.855	
D	50748100	5074	8100	29/05/2005	149	13:15:15	-31 34 05.52407	134 47 59.15504	124.664	480998.645	6507406.945	127.913	601307	4063.175	0.05	-0.066	-0.066	4063.109	-6.098	979409.534	-38.957	39.474	-14.313	-13.796	
D	50748120	5074	8120	29/05/2005	149	13:11:51	-31 34 05.80679	134 48 06.72917	124.455	481198.314	6507398.604	127.694	601307	4063.388	0.063	-0.067	-0.065	4063.323	-6.312	979409.748	-38.749	39.406	-14.289	-13.632	
D	50748140	5074	8140	29/05/2005	149	13:07:14	-31 34 05.78813	134 48 14.31680	124.569	481398.322	6507399.538	127.799	601307	4063.789	0.051	-0.068	-0.064	4063.725	-6.714	979410.15	-38.347	39.439	-14.301	-13.209	
D	50748160	5074	8160	29/05/2005	149	13:03:46	-31 34 05.82052	134 48 21.90425	124.972	481598.328	6507398.898	128.192	601307	4063.74	0.043	-0.068	-0.063	4063.677	-6.666	979410.102	-38.396	39.56	-14.345	-13.18	
D	50748180	5074	8180	29/05/2005	149	13:00:21	-31 34 05.72078	134 48 29.75415	125.856	481805.245	6507402.323	129.066	601307	4063.431	0.047	-0.069	-0.063	4063.368	-6.357	979409.793	-38.702				

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	50828060	5082	8060	30/05/2005	150	11:26:34	-31 33 39.65603	134 47 44.39493	120.008	480608.084	6508202.639	123.272	601307	4062.399	0.035	-0.05	0.119	4062.518	-5.31	979408.746	-39.166	38.042	-13.794	-14.918	
D	50828080	5082	8080	30/05/2005	150	11:33:17	-31 33 39.77473	134 47 51.63583	128.606	480798.974	6508199.339	131.86	601307	4060.539	0.032	-0.052	0.122	4060.661	-3.453	979406.889	-41.026	40.692	-14.755	-15.089	
D	50828100	5082	8100	30/05/2005	150	7:53:39	-31 33 39.71013	134 47 59.47126	123.945	481005.528	6508201.708	127.189	601307	4061.669	0.054	0.072	0.011	4061.68	-4.472	979407.908	-40.005	39.251	-14.232	-14.987	
D	50828120	5082	8120	30/05/2005	150	8:01:57	-31 33 39.58495	134 48 06.62198	124.729	481194.027	6508205.905	127.964	601307	4061.973	0.031	0.068	0.015	4061.988	-4.78	979408.216	-39.694	39.49	-14.319	-14.524	
D	50828140	5082	8140	30/05/2005	150	8:06:26	-31 33 39.63722	134 48 14.63205	126.257	481405.191	6508204.676	129.481	601307	4062.138	0.045	0.066	0.018	4062.156	-4.948	979408.384	-39.528	39.958	-14.489	-14.059	
D	50828160	5082	8160	30/05/2005	150	8:11:03	-31 33 39.97103	134 48 22.29233	127.373	481607.149	6508194.758	130.588	601307	4061.993	0.03	0.063	0.02	4062.013	-4.805	979408.241	-39.678	40.299	-14.613	-13.991	
D	50828180	5082	8180	30/05/2005	150	8:16:00	-31 33 39.73101	134 48 29.76342	130.078	481804.088	6508202.494	133.283	601307	4061.313	0.033	0.06	0.023	4061.336	-4.128	979407.564	-40.35	41.131	-14.914	-14.133	
D	50828200	5082	8200	30/05/2005	150	8:20:24	-31 33 40.03246	134 48 37.28849	130.625	482002.479	6508193.559	133.82	601307	4061.261	0.033	0.058	0.025	4061.286	-4.078	979407.514	-40.407	41.297	-14.974	-14.084	
D	50828220	5082	8220	30/05/2005	150	8:25:29	-31 33 39.81233	134 48 44.57840	124.374	482194.643	6508200.667	127.56	601307	4062.582	0.043	0.055	0.027	4062.609	-5.401	979408.837	-39.078	39.365	-14.274	-13.987	
D	50828240	5082	8240	30/05/2005	150	8:30:56	-31 33 40.00169	134 48 52.63703	125.98	482407.093	6508195.2	129.155	601307	4062.21	0.037	0.051	0.03	4062.24	-5.032	979408.468	-39.452	39.857	-14.452	-14.047	
D	50828260	5082	8260	30/05/2005	150	8:35:31	-31 33 39.89430	134 48 59.93873	125.818	482599.574	6508198.83	128.984	601307	4062.301	0.052	0.049	0.032	4062.333	-5.125	979408.561	-39.356	39.804	-14.433	-13.985	
D	50828280	5082	8280	30/05/2005	150	8:39:56	-31 33 39.97839	134 49 07.61335	125.963	482801.896	6508196.578	129.119	601307	4062.182	0.035	0.046	0.035	4062.217	-5.009	979408.445	-39.474	39.846	-14.448	-14.077	
D	50828300	5082	8300	30/05/2005	150	8:44:51	-31 33 39.88884	134 49 15.25160	126.443	483003.25	6508199.666	129.589	601307	4061.951	0.033	0.043	0.037	4061.988	-4.78	979408.216	-39.701	39.991	-14.501	-14.211	
D	50828320	5082	8320	30/05/2005	150	8:49:54	-31 33 39.54749	134 49 22.55324	127.028	483195.718	6508210.489	130.164	601307	4061.689	0.025	0.04	0.04	4061.729	-4.521	979407.957	-39.953	40.169	-14.565	-14.349	
D	50828340	5082	8340	30/05/2005	150	8:54:05	-31 33 39.86727	134 49 30.36290	128.138	483401.611	6508200.974	131.264	601307	4061.305	0.042	0.037	0.042	4061.347	-4.139	979407.575	-40.342	40.508	-14.688	-14.522	
D	50828360	5082	8360	30/05/2005	150	8:58:35	-31 33 40.19926	134 49 37.94992	129.878	483601.635	6508191.071	132.994	601307	4060.814	0.037	0.034	0.044	4060.858	-3.65	979407.086	-40.838	41.042	-14.882	-14.678	
D	50828380	5082	8380	30/05/2005	150	9:03:10	-31 33 39.83640	134 49 45.37455	132.931	483797.345	6508202.55	136.038	601307	4059.679	0.046	0.031	0.046	4059.725	-2.517	979405.953	-41.963	41.981	-15.223	-15.204	
D	50828400	5082	8400	30/05/2005	150	9:07:46	-31 33 39.77565	134 49 53.17510	134.651	484002.979	6508204.739	137.747	601307	4059.161	0.038	0.028	0.049	4059.21	-2.002	979405.438	-42.477	42.509	-15.414	-15.382	
D	50868000	5086	8000	30/05/2005	150	11:00:58	-31 33 26.86480	134 47 21.53046	129.594	480004.575	6508595.307	132.885	601307	4059.313	0.028	-0.039	0.106	4059.419	-2.211	979405.647	-41.979	41.008	-14.87	-15.84	
D	50868020	5086	8020	30/05/2005	150	10:56:22	-31 33 26.78989	134 47 28.70346	130.014	480193.671	6508597.976	133.296	601307	4059.322	0.027	-0.036	0.103	4059.425	-2.217	979405.653	-41.971	41.135	-14.916	-15.752	
D	50868040	5086	8040	30/05/2005	150	10:50:25	-31 33 26.58913	134 47 36.38159	125.965	480396.078	6508604.54	129.237	601307	4060.389	0.031	-0.033	0.1	4060.489	-3.281	979406.717	-40.903	39.883	-14.462	-15.482	
D	50868060	5086	8060	30/05/2005	150	10:45:34	-31 33 26.56423	134 47 43.92496	125.193	480594.942	6508605.68	128.454	601307	4060.462	0.042	-0.031	0.098	4060.56	-3.352	979406.788	-40.831	39.641	-14.374	-15.564	
D	50868080	5086	8080	30/05/2005	150	10:40:45	-31 33 26.79647	134 47 51.63354	126.557	480798.175	6508598.908	129.809	601307	4060.06	0.031	-0.028	0.096	4060.156	-2.948	979406.384	-41.24	40.059	-14.526	-15.707	
D	50868100	5086	8100	30/05/2005	150	10:35:34	-31 33 27.07098	134 47 59.01765	124.884	480992.858	6508590.814	128.126	601307	4060.595	0.059	-0.025	0.093	4060.688	-3.48	979406.916	-40.714	39.54	-14.337	-15.512	
D	50868120	5086	8120	30/05/2005	150	10:29:40	-31 33 26.69486	134 48 06.91370	125.476	481200.999	6508602.772	128.708	601307	4060.819	0.034	-0.022	0.09	4060.909	-3.701	979407.137	-40.485	39.719	-14.402	-15.168	
D	50868140	5086	8140	30/05/2005	150	10:24:09	-31 33 26.88509	134 48 14.08222	124.393	481389.993	6508597.256	127.616	601307	4061.49	0.038	-0.019	0.087	4061.577	-4.369	979407.805	-39.821	39.382	-14.28	-14.719	
D	50868160	5086	8160	30/05/2005	150	10:20:02	-31 33 26.91697	134 48 21.94449	122.254	481597.267	6508596.644	125.467	601307	4062.217	0.047	-0.017	0.085	4062.302	-5.094	979408.53	-39.097	38.719	-14.04	-14.417	
D	50868180	5086	8180	30/05/2005	150	10:15:02	-31 33 26.59904	134 48 29.54647	120.067	481797.66	6508606.785	123.27	601307	4062.796	0.06	-0.014	0.083	4062.879	-5.671	979409.107	-38.513	38.041	-13.794	-14.266	
D	50868200	5086	8200	30/05/2005	150	10:10:43	-31 33 26.88077	134 48 37.06394	120.447	481995.858	6508598.457	123.64	601307	4063.086	0.044	-0.012	0.08	4063.166	-5.958	979409.394	-38.232	38.155	-13.835	-13.912	
D	50868220	5086	8220	30/05/2005	150	10:04:57	-31 33 26.81299	134 48 44.93280	121.553	482203.3	6508600.901	124.736	601307	4062.635	0.049	-0.008	0.078	4062.713	-5.505	979408.941	-38.684	38.494	-13.958	-14.148	
D	50868240	5086	8240	30/05/2005	150	9:59:53	-31 33 26.82171	134 48 52.59011	130.388	482405.169	6508600.976	133.561	601307	4060.31	0.052	-0.005	0.075	4060.385	-3.177	979406.613	-41.012	41.217	-14.945	-14.74	
D	50868260	5086	8260	30/05/2005	150	9:54:18	-31 33 26.83114	134 49 00.09313	124.856	482602.971	6508601.019	128.019	601307	4061.669	0.029	-0.001	0.072	4061.741	-4.533	979407.969	-39.656	39.507	-14.325	-14.475	
D	50868280	5086	8280	30/05/2005	150	9:49:26	-31 33 26.61367	134 49 07.17284	123.563	482789.602	6508608.025	126.717	601307	4061.879	0.067	0.002	0.07	4061.949	-4.741	979408.177	-39.443	39.105	-14.18	-14.518	
D	50868300	5086	8300	30/05/2005	150	9:45:03	-31 33 26.94222	134 49 15.01897	124.036	482996.465	6508598.25	127.18	601307	4061.88	0.048	0.005	0.068	4061.948	-4.74	979408.176	-39.451	39.248	-14.231	-14.435	
D	50868320	5086	8320	30/05/2005	150	9:40:09	-31 33 26.72429	134 49 22.48894	124.801	483193.384	6508605.28	127.935	601307	4061.537	0.029	0.008	0.065	4061.602	-4.394	979407.83	-39.793	39.481	-14.316	-14.628	
D	50868340	5086	8340	30/05/2005	150	9:34:59	-31 33 26.74965	134 49 30.11894	126.04	483394.534	6508604.823	129.164	601307	4061.106	0.032	0.011	0.062	4061.168	-3.96	979407.396	-40.227	39.86	-14.453	-14.821	
D	50868360	5086	8360	30/05/2005	150	9:30:11	-31 33 26.95573	134 49 37.89516	127.303	483599.548	6508598.804	130.418	601307	4060.878	0.044	0.014	0.06	4060.938	-3.73	979407.166	-40.462	40.247	-14.594	-14.808	
D	50868380	5086	8380	30/05/2005	150	9:24:39	-31 33 26.64254	134 49 45.43753	133.362	483798.371	6508608.758	136.467	601307	4059.08	0.03	0.017	0.057	4059.137	-1.929	979405.365	-42.256	42.114	-15.271	-15.413	
D	50868400	5086	8400	30/05/2005	150	9:17:10	-31 33 26.93574	134 49 52.92250	128.476	483995.711	6508600.037	131.571	601307	4060.106	0.028	0.022	0.053	4060.159	-2.951	979406.387	-41.24	40.603	-14.723	-15.36	
D	50908000	5090	8000	30/05/2005	150	12:13:29	-31 33 13.87364	134 47 21.24623	127.976	479996.312	6508995.258	131.264	601307	4059.419	0.029	-0.064	0.142	4059.561	-2.353	979405.789	-41.546	40.508	-14.688	-15.726	

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	50988040	5098	8040	30/05/2005	150	14:54:42	-31 32 47.78034	134 47 36.51545	127.405	480397.353	6509799.372	130.669	601307	4058.094	0.029	-0.053	0.224	4058.318	-1.11	979404.546	-42.205	40.324	-14.622	-16.503	
D	50988060	5098	8060	30/05/2005	150	14:58:36	-31 32 47.82892	134 47 44.20279	120.281	480600.04	6509798.257	123.535	601307	4059.888	0.029	-0.052	0.226	4060.114	-2.906	979406.342	-40.41	38.123	-13.824	-16.111	
D	50988080	5098	8080	30/05/2005	150	15:02:40	-31 32 47.81277	134 47 51.90612	127.917	480803.145	6509799.131	131.161	601307	4057.717	0.033	-0.051	0.228	4057.945	-0.737	979404.173	-42.579	40.476	-14.677	-16.78	
D	50988100	5098	8100	30/05/2005	150	15:06:35	-31 32 47.77151	134 47 59.41869	120.088	481001.218	6509800.765	123.322	601307	4059.57	0.035	-0.05	0.23	4059.8	-2.592	979406.028	-40.723	38.057	-13.8	-16.465	
D	50988120	5098	8120	30/05/2005	150	15:11:46	-31 32 47.74068	134 48 06.87002	123.394	481197.678	6509802.072	126.619	601307	4059.011	0.035	-0.048	0.232	4059.243	-2.035	979405.471	-41.279	39.075	-14.169	-16.373	
D	50988140	5098	8140	30/05/2005	150	15:15:27	-31 32 47.78515	134 48 14.52837	127.115	481399.6	6509801.066	130.33	601307	4058.445	0.033	-0.047	0.234	4058.679	-1.471	979404.907	-41.844	40.22	-14.584	-16.208	
D	50988160	5098	8160	30/05/2005	150	15:18:45	-31 32 47.84020	134 48 21.86954	125.75	481593.16	6509799.716	128.955	601307	4058.993	0.025	-0.045	0.236	4059.229	-2.021	979405.457	-41.296	39.796	-14.43	-15.93	
D	50988180	5098	8180	30/05/2005	150	15:39:30	-31 32 47.86769	134 48 29.71836	125.368	481800.103	6509799.234	128.563	601307	4059.224	0.048	-0.038	0.246	4059.47	-2.262	979405.698	-41.055	39.675	-14.386	-15.767	
D	50988200	5098	8200	30/05/2005	150	15:42:52	-31 32 47.93968	134 48 37.27436	125.661	481999.328	6509797.364	128.847	601307	4059.374	0.048	-0.037	0.248	4059.622	-2.414	979405.85	-40.905	39.762	-14.418	-15.56	
D	50988220	5098	8220	30/05/2005	150	15:46:15	-31 32 48.05124	134 48 44.87675	126.814	482199.778	6509794.275	129.99	601307	4059.084	0.05	-0.036	0.25	4059.334	-2.126	979405.562	-41.195	40.115	-14.546	-15.626	
D	50988240	5098	8240	30/05/2005	150	15:49:41	-31 32 47.89807	134 48 52.36693	125.089	482397.256	6509799.327	128.256	601307	4059.613	0.039	-0.034	0.252	4059.865	-2.657	979406.093	-40.661	39.58	-14.352	-15.433	
D	50988260	5098	8260	30/05/2005	150	15:52:57	-31 32 47.93264	134 48 59.99484	126.074	482598.375	6509798.601	129.23	601307	4059.229	0.052	-0.033	0.253	4059.482	-2.274	979405.71	-41.045	39.88	-14.461	-15.625	
D	50988280	5098	8280	30/05/2005	150	15:56:31	-31 32 47.89248	134 49 07.66526	124.719	482800.61	6509800.174	127.866	601307	4059.461	0.03	-0.032	0.255	4059.716	-2.508	979405.944	-40.81	39.459	-14.308	-15.658	
D	50988300	5098	8300	30/05/2005	150	15:59:40	-31 32 47.75960	134 49 15.24325	122.657	483000.404	6509804.594	125.794	601307	4059.719	0.049	-0.03	0.257	4059.976	-2.768	979406.204	-40.547	38.82	-14.076	-15.803	
D	50988320	5098	8320	30/05/2005	150	16:03:01	-31 32 48.09699	134 49 22.85806	124.593	483201.193	6509794.533	127.72	601307	4059.101	0.031	-0.029	0.258	4059.359	-2.151	979405.587	-41.171	39.414	-14.292	-16.049	
D	50988340	5098	8340	30/05/2005	150	16:06:26	-31 32 47.98744	134 49 30.35334	128.539	483398.807	6509798.223	131.657	601307	4058.101	0.034	-0.028	0.26	4058.361	-1.153	979404.589	-42.167	40.629	-14.732	-16.27	
D	50988360	5098	8360	30/05/2005	150	16:09:52	-31 32 47.95135	134 49 37.86427	125.821	483596.838	6509799.649	128.929	601307	4058.83	0.03	-0.027	0.262	4059.092	-1.884	979405.32	-41.435	39.787	-14.427	-16.075	
D	50988380	5098	8380	30/05/2005	150	16:13:14	-31 32 48.06383	134 49 45.50144	125.908	483798.205	6509796.501	129.007	601307	4058.812	0.034	-0.025	0.263	4059.075	-1.867	979405.303	-41.455	39.812	-14.436	-16.079	
D	50988400	5098	8400	30/05/2005	150	16:16:47	-31 32 47.74738	134 49 53.11589	125.506	483998.952	6509806.555	128.594	601307	4058.79	0.031	-0.024	0.265	4059.055	-1.847	979405.283	-41.467	39.684	-14.39	-16.173	
D	305	0	305	31/05/2005	151	7:02:51	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4057.111	0.034	0.084	0	4057.111	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	31/05/2005	151	7:06:47	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4057.11	0.038	0.083	0.001	4057.111	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	31/05/2005	151	16:56:27	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4056.966	0.029	-0.014	0.144	4057.11	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	31/05/2005	151	16:58:59	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4056.976	0.034	-0.013	-0.01	4056.966	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	50948120	5094	8120	31/05/2005	151	16:48:18	-31 33 00.98558	134 48 06.90797	125.967	481199.416	6509394.297	129.194	601307	4058.974	0.027	-0.019	0.142	4059.116	-2.006	979405.442	-41.605	39.869	-14.457	-16.192	
D	50948140	5094	8140	31/05/2005	151	16:44:32	-31 33 00.70804	134 48 14.48945	125.462	481399.286	6509403.201	128.68	601307	4059.408	0.028	-0.021	0.141	4059.549	-2.439	979405.875	-41.166	39.711	-14.399	-15.854	
D	50987760	5098	7760	31/05/2005	151	8:46:59	-31 32 47.70356	134 45 50.34587	119.158	477598.083	6509796.08	122.559	601307	4059.011	0.043	0.057	0.024	4059.035	-1.925	979405.361	-41.389	37.822	-13.714	-17.281	
D	50987800	5098	7800	31/05/2005	151	8:52:28	-31 32 47.45565	134 46 05.75069	127.293	478004.231	6509804.58	130.674	601307	4057.854	0.033	0.055	0.026	4057.88	-0.77	979404.206	-42.538	40.326	-14.622	-16.834	
D	50987840	5098	7840	31/05/2005	151	9:04:53	-31 32 47.41243	134 46 20.92168	122.729	478404.226	6509806.749	126.09	601307	4059.31	0.025	0.049	0.029	4059.339	-2.229	979405.665	-41.078	38.911	-14.109	-16.276	
D	50987880	5098	7880	31/05/2005	151	9:15:42	-31 32 47.85482	134 46 36.23453	119.234	4778807.993	6509793.96	122.576	601307	4060.46	0.037	0.044	0.031	4060.491	-3.381	979406.817	-39.936	37.827	-13.716	-15.825	
D	50987920	5098	7920	31/05/2005	151	9:21:08	-31 32 47.80358	134 46 51.10232	126.735	479199.993	6509796.33	130.057	601307	4058.522	0.024	0.041	0.033	4058.555	-1.445	979404.881	-41.871	40.136	-14.553	-16.288	
D	50987960	5098	7960	31/05/2005	151	9:28:18	-31 32 47.56520	134 47 06.33035	127.849	479601.481	6509804.465	131.152	601307	4058.275	0.025	0.037	0.035	4058.31	-1.2	979404.636	-42.11	40.474	-14.676	-16.313	
D	50988000	5098	8000	31/05/2005	151	9:34:48	-31 32 47.93731	134 47 21.52709	123.838	480002.18	6509793.787	127.121	601307	4059.185	0.03	0.033	0.036	4059.221	-2.111	979405.547	-41.208	39.23	-14.225	-16.203	
D	50988040	5098	8040	31/05/2005	151	9:39:57	-31 32 47.78528	134 47 36.49630	127.443	480396.848	6509799.219	130.707	601307	4058.146	0.041	0.031	0.037	4058.183	-1.073	979404.509	-42.242	40.336	-14.626	-16.532	
D	51027760	5102	7760	31/05/2005	151	8:39:52	-31 32 47.86178	134 45 50.18707	119.25	477593.019	6510203.001	122.648	601307	4058.265	0.035	0.06	0.023	4058.288	-1.178	979404.614	-41.84	37.849	-13.724	-17.715	
D	51027800	5102	7800	31/05/2005	151	8:29:48	-31 32 34.44287	134 46 05.31189	119.275	477991.813	6510205.186	122.654	601307	4059.11	0.046	0.064	0.02	4059.13	-2.02	979405.456	-40.997	37.851	-13.725	-16.871	
D	51027840	5102	7840	31/05/2005	151	8:22:53	-31 32 34.65559	134 46 20.78037	121.909	478399.684	6510199.493	125.268	601307	4059.085	0.047	0.067	0.019	4059.104	-1.994	979405.43	-41.027	38.658	-14.017	-16.387	
D	51027880	5102	7880	31/05/2005	151	8:17:08	-31 32 34.77490	134 46 36.05617	123.601	478802.469	6510196.649	126.94	601307	4058.556	0.025	0.069	0.017	4058.573	-1.463	979404.899	-41.561	39.174	-14.205	-16.592	
D	51027920	5102	7920	31/05/2005	151	8:10:57	-31 32 34.67766	134 46 51.04385	120.348	479197.643	6510200.441	123.668	601307	4059.582	0.042	0.071	0.016	4059.598	-2.488	979405.924	-40.534	38.164	-13.838	-16.209	
D	51027960	5102	7960	31/05/2005	151	8:05:40	-31 32 34.78183	134 47 06.26815	125.747	479599.068	6510198.029	129.047	601307	4058.204	0.046	0.073	0.014	4058.218	-1.108	979404.544	-41.916	39.824	-14.44	-16.533	
D	51028000	5102	8000	31/05/2005	151	8:00:13	-31 32 34.64808	134 47 21.12627	125.467	479990.824	6510202.908	128.748	601307	4058.368	0.035	0.074	0.013	4058.381	-1.271	979404.707	-41.75	39.732	-14.407	-16.426	
D	51028040	5102	8040	31/05/2005																					

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51147960	5114	7960	31/05/2005	151	14:04:26	-31 31 55.90453	134 47 06.23138	129.967	479595.75	6511394.959	133.259	601307	4055.867	0.042	-0.072	0.102	4055.969	1.141	979402.295	-43.296	41.124	-14.912	-17.084	
D	51148000	5114	8000	31/05/2005	151	13:59:59	-31 31 55.85204	134 47 21.55760	123.793	479999.9	6511397.36	127.066	601307	4057.374	0.067	-0.072	0.101	4057.475	-0.365	979403.801	-41.788	39.213	-14.219	-16.794	
D	51148040	5114	8040	31/05/2005	151	13:55:44	-31 31 55.66107	134 47 36.77193	125.782	480401.091	6511404.004	129.035	601307	4056.899	0.03	-0.072	0.1	4056.999	0.111	979403.325	-42.26	39.82	-14.439	-16.879	
D	51148080	5114	8080	31/05/2005	151	13:49:23	-31 31 55.77701	134 47 51.75378	119.978	480796.169	6511401.171	123.213	601307	4058.701	0.033	-0.072	0.098	4058.799	-1.689	979405.125	-40.463	38.024	-13.787	-16.227	
D	51148120	5114	8120	31/05/2005	151	13:45:11	-31 31 55.84311	134 48 07.03376	119.88	481199.106	6511399.872	123.096	601307	4059.417	0.03	-0.072	0.097	4059.514	-2.404	979405.84	-39.749	37.987	-13.774	-15.536	
D	51148160	5114	8160	31/05/2005	151	13:41:15	-31 31 55.87482	134 48 22.21358	121.968	481599.4	6511399.612	125.163	601307	4058.363	0.023	-0.072	0.096	4058.459	-1.349	979404.785	-40.805	38.625	-14.006	-16.185	
D	51148200	5114	8200	31/05/2005	151	13:36:09	-31 31 55.90114	134 48 37.34102	123.771	481998.312	6511399.5	126.948	601307	4057.012	0.048	-0.071	0.095	4057.107	0.003	979403.433	-42.157	39.176	-14.205	-17.187	
D	51148240	5114	8240	31/05/2005	151	13:31:44	-31 31 55.91435	134 48 52.38753	120.808	482395.089	6511399.772	123.965	601307	4058.066	0.04	-0.071	0.094	4058.16	-1.05	979404.486	-41.105	38.256	-13.872	-16.721	
D	51148280	5114	8280	31/05/2005	151	13:27:07	-31 31 55.65444	134 49 07.38160	125.278	482790.47	6511408.436	128.417	601307	4056.799	0.063	-0.071	0.093	4056.892	0.218	979403.218	-42.367	39.629	-14.37	-17.107	
D	51148320	5114	8320	31/05/2005	151	13:22:24	-31 31 55.94223	134 49 22.67183	125.019	483193.688	6511400.235	128.138	601307	4056.643	0.049	-0.07	0.092	4056.735	0.375	979403.061	-42.53	39.543	-14.339	-17.326	
D	51187760	5118	7760	31/05/2005	151	14:33:11	-31 31 42.57291	134 45 50.42478	129.404	477595.844	6511801.291	132.79	601307	4053.103	0.025	-0.068	0.109	4053.212	3.898	979399.538	-45.754	40.979	-14.859	-19.635	
D	51187800	5118	7800	31/05/2005	151	14:37:58	-31 31 42.52739	134 46 05.68104	119.509	477998.165	6511803.552	122.876	601307	4055.988	0.053	-0.068	0.11	4056.098	1.012	979402.424	-42.867	37.92	-13.75	-18.698	
D	51187840	5118	7840	31/05/2005	151	14:43:04	-31 31 42.69447	134 46 20.94464	120.043	478400.693	6511799.251	123.39	601307	4056.315	0.081	-0.067	0.111	4056.426	0.684	979402.752	-42.543	38.078	-13.807	-18.272	
D	51187880	5118	7880	31/05/2005	151	14:47:18	-31 31 42.64719	134 46 36.00419	119.747	478797.827	6511801.524	123.075	601307	4056.82	0.025	-0.066	0.112	4056.932	0.178	979403.258	-42.036	37.981	-13.772	-17.827	
D	51187920	5118	7920	31/05/2005	151	14:51:42	-31 31 42.67203	134 46 51.07933	123.854	479195.375	6511801.562	127.163	601307	4056.29	0.021	-0.065	0.114	4056.404	0.706	979402.73	-42.565	39.243	-14.23	-17.552	
D	51187960	5118	7960	31/05/2005	151	14:56:35	-31 31 42.88770	134 47 06.35038	129.255	479598.102	6511795.72	132.544	601307	4055.004	0.031	-0.064	0.115	4055.119	1.991	979401.445	-43.854	40.903	-14.832	-17.783	
D	51188000	5118	8000	31/05/2005	151	15:01:20	-31 31 42.87814	134 47 21.96152	124.137	480009.783	6511796.813	127.407	601307	4056.528	0.026	-0.062	0.116	4056.644	0.466	979402.97	-42.329	39.318	-14.257	-17.268	
D	51188040	5118	8040	31/05/2005	151	15:05:32	-31 31 42.90922	134 47 36.57869	126.6	480395.255	6511796.59	129.851	601307	4056.076	0.042	-0.061	0.117	4056.193	0.917	979402.519	-42.781	40.072	-14.53	-17.239	
D	51188080	5118	8080	31/05/2005	151	15:09:34	-31 31 42.92890	134 47 51.80684	125.554	480796.838	6511796.733	128.786	601307	4056.552	0.036	-0.06	0.118	4056.67	0.44	979402.996	-42.304	39.743	-14.411	-16.972	
D	51188120	5118	8120	31/05/2005	151	15:13:46	-31 31 42.87226	134 48 06.99038	126.785	481197.24	6511799.209	129.998	601307	4056.965	0.026	-0.059	0.119	4057.084	0.026	979403.41	-41.889	40.117	-14.547	-16.318	
D	51188160	5118	8160	31/05/2005	151	15:18:00	-31 31 43.18774	134 48 22.14293	128.897	481596.846	6511801.21	132.09	601307	4056.305	0.032	-0.057	0.12	4056.425	0.685	979402.751	-42.555	40.763	-14.781	-16.573	
D	51188200	5118	8200	31/05/2005	151	15:22:16	-31 31 42.98233	134 48 37.42043	126.37	481999.718	6511797.239	129.543	601307	4055.951	0.037	-0.056	0.121	4056.072	1.038	979402.398	-42.904	39.977	-14.496	-17.422	
D	51188240	5118	8240	31/05/2005	151	15:26:36	-31 31 42.51627	134 48 52.52765	125.357	482398.086	6511812.27	128.512	601307	4056.213	0.034	-0.054	0.122	4056.335	0.775	979402.661	-42.63	39.659	-14.38	-17.352	
D	51188280	5118	8280	31/05/2005	151	15:31:04	-31 31 42.89355	134 49 07.85232	120.895	482802.233	6511801.33	124.03	601307	4057.032	0.024	-0.053	0.123	4057.155	-0.045	979403.481	-41.819	38.276	-13.879	-17.422	
D	51188320	5118	8320	31/05/2005	151	15:35:36	-31 31 43.07873	134 49 22.81376	123.463	483196.79	6511796.274	126.579	601307	4056.328	0.039	-0.051	0.124	4056.452	0.658	979402.778	-42.526	39.062	-14.164	-17.628	
D	51228120	5122	8120	31/05/2005	151	16:03:44	-31 31 30.09962	134 48 07.05452	120.475	481198.221	6512192.448	123.684	601307	4057.709	0.026	-0.04	0.131	4057.84	-0.73	979404.166	-40.847	38.169	-13.84	-16.519	
D	51228160	5122	8160	31/05/2005	151	15:59:39	-31 31 30.09545	134 48 22.11578	122.321	481595.417	6512193.286	125.512	601307	4057.447	0.025	-0.041	0.13	4057.577	-0.467	979403.903	-41.11	38.733	-14.045	-16.422	
D	51228200	5122	8200	31/05/2005	151	15:54:29	-31 31 29.96536	134 48 37.23582	124.788	481994.156	6512197.989	127.959	601307	4055.665	0.054	-0.044	0.129	4055.794	1.316	979402.12	-42.89	39.488	-14.319	-17.721	
D	51228240	5122	8240	31/05/2005	151	15:49:59	-31 31 29.89521	134 48 52.45515	125.313	482395.517	6512200.638	128.465	601307	4055.674	0.052	-0.046	0.128	4055.802	1.308	979402.128	-42.881	39.644	-14.375	-17.612	
D	51228280	5122	8280	31/05/2005	151	15:45:19	-31 31 29.79223	134 49 07.68948	126.183	482797.272	6512204.678	129.316	601307	4054.924	0.051	-0.047	0.127	4055.051	2.059	979401.377	-43.63	39.907	-14.47	-18.193	
D	51228320	5122	8320	31/05/2005	151	15:40:56	-31 31 29.86308	134 49 22.92942	126.142	483199.183	6512203.154	129.256	601307	4054.827	0.032	-0.049	0.126	4054.953	2.157	979401.279	-43.729	39.888	-14.464	-18.304	
D	51268120	5126	8120	31/05/2005	151	16:09:52	-31 31 17.00426	134 48 07.16045	123.258	481200.286	6512595.624	126.465	601307	4056.169	0.045	-0.037	0.133	4056.302	0.808	979402.628	-42.093	39.027	-14.151	-17.217	
D	51268160	5126	8160	31/05/2005	151	16:14:06	-31 31 16.95631	134 48 22.30146	123.383	481599.598	6512597.814	126.571	601307	4056.076	0.043	-0.035	0.134	4056.21	0.9	979402.536	-42.183	39.06	-14.163	-17.287	
D	51268200	5126	8200	31/05/2005	151	16:18:04	-31 31 16.87460	134 48 37.28158	121.089	481994.665	6512601.021	124.258	601307	4055.91	0.033	-0.033	0.135	4056.045	1.065	979402.371	-42.347	38.346	-13.904	-17.905	
D	51268240	5126	8240	31/05/2005	151	16:22:34	-31 31 16.79395	134 48 52.52002	123.878	482396.545	6512604.192	127.028	601307	4054.955	0.047	-0.031	0.136	4055.091	2.019	979401.417	-43.299	39.201	-14.214	-18.312	
D	51268280	5126	8280	31/05/2005	151	16:26:59	-31 31 17.16096	134 49 07.83326	125.363	482800.421	6512593.568	128.493	601307	4054.735	0.035	-0.029	0.137	4054.872	2.238	979401.198	-43.526	39.653	-14.378	-18.251	
D	51268320	5126	8320	31/05/2005	151	16:31:29	-31 31 16.91920	134 49 22.76645	127.768	483194.242	6512601.655	130.88	601307	4053.75	0.036	-0.027	0.138	4053.888	3.222	979400.214	-44.505	40.39	-14.645	-18.76	
D	305	0	305	31/05/2005	151	9:57:34	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5039.915	0.044	0.02	0	5039.915	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	31/05/2005	151	10:00:12	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5039.915	0.042	0.018	0	5039.915	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	31/05/2005	151	16:15:31	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5040.01	0.036	-0.034	-0.095	5039.915	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305																						

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51148560	5114	8560	31/05/2005	151	14:12:17	-31 31 55.74053	134 50 53.39658	137.072	485586.089	6511410.036	140.077	310217	5037.43	0.034	-0.071	-0.064	5037.366		2.549	979400.887	-44.7	43.228	-15.675	-17.147
D	51148600	5114	8600	31/05/2005	151	14:04:00	-31 31 55.81832	134 51 09.14011	129.321	486001.249	6511408.207	132.306	310217	5039.205	0.036	-0.072	-0.062	5039.143		0.772	979402.664	-42.925	40.83	-14.805	-16.9
D	51148640	5114	8640	31/05/2005	151	13:59:22	-31 31 55.88050	134 51 24.46986	128.828	486405.497	6511406.829	131.794	310217	5039.355	0.035	-0.072	-0.061	5039.294		0.621	979402.815	-42.775	40.672	-14.748	-16.851
D	51148680	5114	8680	31/05/2005	151	13:54:33	-31 31 56.15214	134 51 39.42270	124.083	486799.813	6511398.974	127.031	310217	5040.3	0.027	-0.072	-0.059	5040.241		-0.326	979403.762	-41.834	39.202	-14.215	-16.847
D	51148720	5114	8720	31/05/2005	151	13:50:16	-31 31 56.08179	134 51 54.85256	123.492	487206.695	6511401.649	126.42	310217	5040.565	0.047	-0.072	-0.058	5040.507		-0.592	979404.028	-41.567	39.013	-14.146	-16.7
D	51148760	5114	8760	31/05/2005	151	13:45:09	-31 31 56.04332	134 52 09.64818	125.727	487596.853	6511403.306	128.637	310217	5040.435	0.045	-0.072	-0.057	5040.378		-0.463	979403.899	-41.695	39.697	-14.394	-16.392
D	51188480	5118	8480	31/05/2005	151	14:28:26	-31 31 43.10309	134 50 24.06700	141.524	484812.1	6511798.008	144.563	310217	5034.715	0.034	-0.069	-0.068	5034.647		5.268	979398.168	-47.136	44.612	-16.177	-18.701
D	51188520	5118	8520	31/05/2005	151	14:33:11	-31 31 42.85158	134 50 38.36600	140.427	485189.167	6511806.295	143.448	310217	5035.255	0.047	-0.068	-0.069	5035.186		4.729	979398.707	-46.592	44.268	-16.052	-18.375
D	51188560	5118	8560	31/05/2005	151	14:38:16	-31 31 43.17411	134 50 53.90563	138.363	485598.977	6511796.941	141.365	310217	5036.355	0.033	-0.068	-0.07	5036.285		3.63	979399.806	-45.5	43.625	-15.819	-17.693
D	51188600	5118	8600	31/05/2005	151	14:42:52	-31 31 43.09725	134 51 08.90366	139.795	485994.486	6511799.847	142.778	310217	5036.39	0.029	-0.067	-0.072	5036.318		3.597	979399.839	-45.465	44.061	-15.977	-17.381
D	51188640	5118	8640	31/05/2005	151	14:47:29	-31 31 43.27622	134 51 24.13529	134.544	486396.166	6511794.87	137.508	310217	5037.505	0.035	-0.066	-0.073	5037.432		2.483	979400.953	-44.355	42.435	-15.387	-17.307
D	51188680	5118	8680	31/05/2005	151	14:52:36	-31 31 43.18322	134 51 38.93154	130.781	486786.354	6511798.236	133.727	310217	5038.3	0.033	-0.065	-0.074	5038.226		1.689	979401.747	-43.559	41.268	-14.964	-17.255
D	51188720	5118	8720	31/05/2005	151	14:57:24	-31 31 43.35029	134 51 54.26026	128.93	487190.593	6511793.599	131.857	310217	5038.72	0.044	-0.063	-0.075	5038.645		1.27	979402.166	-43.144	40.691	-14.755	-17.207
D	51188760	5118	8760	31/05/2005	151	15:01:55	-31 31 43.37619	134 52 09.26578	127.206	487586.304	6511793.281	130.115	310217	5039.77	0.041	-0.062	-0.076	5039.694		0.221	979403.215	-42.095	40.153	-14.56	-16.502
D	51228480	5122	8480	31/05/2005	151	15:47:23	-31 31 30.303577	134 50 23.71260	141.205	484802.166	6512200.302	144.242	310217	5034.085	0.024	-0.047	-0.088	5033.997		5.918	979397.518	-47.494	44.513	-16.141	-19.121
D	51228520	5122	8520	31/05/2005	151	15:42:52	-31 31 30.07169	134 50 38.64632	147.437	485196	6512199.764	150.456	310217	5033.03	0.045	-0.048	-0.087	5032.943		6.972	979396.464	-48.549	46.431	-16.836	-18.954
D	51228560	5122	8560	31/05/2005	151	15:35:46	-31 31 29.95985	134 50 53.46539	144.671	485586.803	6512203.757	147.671	310217	5034.22	0.038	-0.051	-0.085	5034.135		5.78	979397.656	-47.354	45.571	-16.524	-18.307
D	51228600	5122	8600	31/05/2005	151	15:30:59	-31 31 30.04654	134 51 09.07424	146.145	485998.444	6512201.65	149.126	310217	5034.19	0.039	-0.053	-0.084	5034.106		5.809	979397.627	-47.385	46.02	-16.687	-18.052
D	51228640	5122	8640	31/05/2005	151	15:25:06	-31 31 30.17163	134 51 24.40653	141.084	486402.792	6512198.335	144.047	310217	5035.43	0.023	-0.055	-0.082	5035.348		4.567	979398.869	-46.146	44.453	-16.119	-17.812
D	51228680	5122	8680	31/05/2005	151	15:20:56	-31 31 30.13626	134 51 39.46116	136.558	486799.811	6512199.935	139.502	310217	5036.14	0.035	-0.056	-0.081	5036.059		3.856	979399.58	-45.434	43.05	-15.61	-17.994
D	51228720	5122	8720	31/05/2005	151	15:16:22	-31 31 30.22698	134 51 54.27841	137.481	487190.575	6512197.631	140.406	310217	5035.97	0.035	-0.058	-0.08	5035.89		4.025	979399.411	-45.605	43.329	-15.711	-17.987
D	51228760	5122	8760	31/05/2005	151	15:10:07	-31 31 30.20935	134 52 09.53160	133.216	487592.831	6512198.661	136.122	310217	5036.965	0.025	-0.06	-0.078	5036.887		3.028	979400.408	-44.608	42.007	-15.232	-17.833
D	305	0	305	01/06/2005	152	7:10:33	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4057.118	0.044	0.057	0	4057.118		0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	01/06/2005	152	7:13:18	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4057.115	0.057	0.057	0.003	4057.118		0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	01/06/2005	152	15:10:32	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4056.904	0.044	-0.069	0.211	4057.115		0	979403.436	-42.219	39.624	-14.368	-16.963
D	305	0	305	01/06/2005	152	15:13:00	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	601307	4056.914	0.038	-0.069	-0.01	4056.904		0	979403.436	-42.219	39.624	-14.368	-16.963
D	51188200	5118	8200	01/06/2005	152	15:03:57	-31 31 42.98366	134 48 37.41617	126.357	481999.606	6511797.198	129.531	601307	4055.887	0.033	-0.071	0.208	4056.095		1.02	979402.416	-42.886	39.973	-14.494	-17.407
D	51227760	5122	7760	01/06/2005	152	8:27:05	-31 31 29.79554	134 45 50.35406	125.021	477593.132	6512194.669	128.404	601307	4053.254	0.032	0.059	0.033	4053.287		3.828	979399.608	-45.399	39.625	-14.368	-20.141
D	51227800	5122	7800	01/06/2005	152	8:22:17	-31 31 29.67919	134 46 05.99908	122.991	478005.716	6512199.132	126.354	601307	4054.385	0.04	0.06	0.03	4054.415		2.7	979400.736	-44.268	38.993	-14.139	-19.414
D	51227840	5122	7840	01/06/2005	152	8:17:17	-31 31 29.68070	134 46 21.25874	126.911	478408.145	6512199.929	130.255	601307	4053.891	0.039	0.06	0.028	4053.919		3.196	979400.24	-44.764	40.197	-14.575	-19.143
D	51227880	5122	7880	01/06/2005	152	8:13:25	-31 31 29.68643	134 46 36.11972	126.221	478800.06	6512200.558	129.546	601307	4054.552	0.03	0.061	0.027	4054.579		2.536	979400.9	-44.104	39.978	-14.496	-18.623
D	51227920	5122	7920	01/06/2005	152	8:09:08	-31 31 29.84181	134 46 51.33810	126.993	479201.41	6512196.584	130.299	601307	4054.674	0.034	0.061	0.025	4054.699		2.416	979401.02	-43.988	40.21	-14.58	-18.358
D	51227960	5122	7960	01/06/2005	152	8:04:50	-31 31 29.74761	134 47 06.37475	127.275	479597.952	6512200.27	130.562	601307	4054.716	0.045	0.061	0.023	4054.739		2.376	979401.06	-43.945	40.291	-14.61	-18.264
D	51228000	5122	8000	01/06/2005	152	7:59:51	-31 31 29.77918	134 47 21.51953	129.809	479997.352	6512200.073	133.076	601307	4054.422	0.03	0.061	0.021	4054.443		2.672	979400.764	-44.242	41.067	-14.891	-18.066
D	51228040	5122	8040	01/06/2005	152	7:55:25	-31 31 29.66634	134 47 36.84674	126.411	480401.556	6512204.317	129.659	601307	4055.59	0.035	0.061	0.019	4055.609		1.506	979401.93	-43.074	40.013	-14.509	-17.57
D	51228080	5122	8080	01/06/2005	152	7:51:04	-31 31 29.80055	134 47 51.97131	123.575	480800.429	6512200.929	126.804	601307	4056.375	0.049	0.061	0.017	4056.392		0.723	979402.713	-42.294	39.132	-14.189	-17.351
D	51228120	5122	8120	01/06/2005	152	7:46:59	-31 31 30.09715	134 48 07.05067	120.465	481198.12	6512192.523	123.675	601307	4057.869	0.032	0.061	0.015	4057.884		-0.769	979404.205	-40.808	38.166	-13.839	-16.481
D	51228240	5122	8240	01/06/2005	152	7:39:07	-31 31 29.89326	134 48 52.45706	125.277	482395.567	6512200.896	128.43	601307	4055.789	0.045	0.06	0.011	4055.8		1.315	979402.121	-42.888	39.633	-14.371	-17.626
D	51267960	5126	7960	01/06/2005	152	8:41:06	-31 31 16.75104	134 47 06.53917	135.073	479601.503	6512600.409	138.356	601307	4052.076	0.028	0.057	0.039	4052.115		5	979398.436	-46.279	42.697	-15.482	-19.064
D	51268000	5126	8000	01/06/2005	152	8:46:37	-31 31 16.66452	134 47 21.38512	129.595	479993.031	6512603.832	132.86	601307	4053.304	0.039	0.05									

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(Z53)e	MGA53(Z53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51467960	5146	7960	01/06/2005	152	12:08:02	-31 30 11.74851	134 47 06.78186	130.951	479603.982	6514601.674	134.22	601307	4048.02	0.029	-0.034	0.13	4048.15	8.965	979394.471	-48.79	41.42	-15.019	-22.389	
D	51468000	5146	8000	01/06/2005	152	12:15:40	-31 30 12.16575	134 47 21.93551	126.182	480003.732	6514589.604	129.433	601307	4049.615	0.034	-0.038	0.134	4049.749	7.366	979396.07	-47.201	39.943	-14.484	-21.741	
D	51468040	5146	8040	01/06/2005	152	12:19:59	-31 30 11.68030	134 47 36.70828	120.591	480393.382	6514605.291	123.822	601307	4051.286	0.051	-0.04	0.136	4051.422	5.693	979397.743	-45.517	38.211	-13.856	-21.161	
D	51468080	5146	8080	01/06/2005	152	12:24:17	-31 30 11.86725	134 47 51.90442	127.892	480794.238	6514600.282	131.105	601307	4050.174	0.046	-0.042	0.137	4050.311	6.804	979396.632	-46.632	40.459	-14.671	-20.844	
D	51468120	5146	8120	01/06/2005	152	12:29:53	-31 30 11.83507	134 48 07.33920	119.99	481201.377	6514602.016	123.184	601307	4052.868	0.103	-0.045	0.14	4053.008	4.107	979399.329	-43.934	38.015	-13.784	-19.704	
D	51468160	5146	8160	01/06/2005	152	12:33:09	-31 30 11.94876	134 48 22.48477	120.091	481600.895	6514599.229	123.266	601307	4053.657	0.035	-0.046	0.141	4053.798	3.317	979400.119	-43.147	38.04	-13.793	-18.9	
D	51468200	5146	8200	01/06/2005	152	12:36:55	-31 30 11.90321	134 48 37.87278	120.599	482006.799	6514601.341	123.754	601307	4053.291	0.032	-0.048	0.143	4053.434	3.681	979399.755	-43.51	38.19	-13.848	-19.167	
D	51468240	5146	8240	01/06/2005	152	12:40:55	-31 30 12.19880	134 48 52.80853	124.324	482400.792	6514592.914	127.46	601307	4051.343	0.06	-0.05	0.145	4051.488	5.627	979397.809	-45.462	39.334	-14.728	-20.391	
D	51468280	5146	8280	01/06/2005	152	12:45:17	-31 30 12.20666	134 49 07.99808	124.468	482801.463	6514593.341	127.585	601307	4051	0.05	-0.051	0.147	4051.147	5.968	979397.468	-45.804	39.373	-14.277	-20.708	
D	51468320	5146	8320	01/06/2005	152	12:48:49	-31 30 12.12567	134 49 22.99927	123.184	483197.162	6514596.481	126.284	601307	4051.473	0.06	-0.053	0.148	4051.621	5.494	979397.942	-45.328	38.971	-14.131	-20.488	
D	51507960	5150	7960	01/06/2005	152	13:36:51	-31 29 58.61788	134 47 06.59292	128.355	479598.206	6515005.92	131.622	601307	4047.991	0.045	-0.068	0.17	4048.161	8.954	979394.482	-48.486	40.619	-14.728	-22.596	
D	51508000	5150	8000	01/06/2005	152	13:31:10	-31 29 59.02463	134 47 21.27361	131.378	479985.495	6514994.149	134.626	601307	4047.565	0.05	-0.067	0.167	4047.732	9.383	979394.053	-48.924	41.546	-15.065	-22.443	
D	51508040	5150	8040	01/06/2005	152	13:25:26	-31 29 58.73843	134 47 37.03024	123.274	480401.124	6515003.751	126.502	601307	4049.763	0.03	-0.065	0.165	4049.928	7.187	979396.249	-46.721	39.039	-14.156	-21.838	
D	51508080	5150	8080	01/06/2005	152	13:21:42	-31 29 58.83961	134 47 52.12893	120.078	480799.421	6515001.378	123.288	601307	4051.339	0.087	-0.064	0.163	4051.502	5.613	979397.823	-45.15	38.047	-13.796	-20.899	
D	51508120	5150	8120	01/06/2005	152	13:18:22	-31 29 59.00477	134 48 07.20931	120.046	481197.238	6514997.019	123.237	601307	4052.021	0.022	-0.063	0.161	4052.182	4.933	979398.503	-44.473	38.031	-13.79	-20.233	
D	51508160	5150	8160	01/06/2005	152	13:10:04	-31 29 58.94217	134 48 22.38116	120.422	481597.454	6514999.661	123.594	601307	4053.016	0.027	-0.061	0.158	4053.174	3.941	979399.495	-43.48	38.141	-13.83	-19.169	
D	51508200	5150	8200	01/06/2005	152	13:06:19	-31 29 58.85061	134 48 37.68220	122.859	482001.078	6515003.186	126.012	601307	4052.099	0.061	-0.059	0.156	4052.255	4.86	979398.576	-44.397	38.887	-14.101	-19.61	
D	51508240	5150	8240	01/06/2005	152	13:01:58	-31 29 59.05233	134 48 52.93238	124.315	482403.375	6514997.663	127.449	601307	4050.792	0.034	-0.058	0.154	4050.946	6.169	979397.267	-45.71	39.331	-14.262	-20.641	
D	51508280	5150	8280	01/06/2005	152	12:57:12	-31 29 59.04673	134 49 08.12273	131.343	482804.082	6514998.505	134.459	601307	4048.817	0.027	-0.056	0.152	4048.969	8.146	979395.29	-47.687	41.494	-15.046	-21.239	
D	51508320	5150	8320	01/06/2005	152	12:52:56	-31 29 59.13594	134 49 23.03020	120.753	483197.333	6514996.4	123.85	601307	4051.35	0.043	-0.054	0.15	4051.5	5.615	979397.821	-45.158	38.22	-13.859	-20.797	
D	51547960	5154	7960	01/06/2005	152	13:42:15	-31 29 45.73880	134 47 06.53404	124.574	479595.876	6515402.429	127.838	601307	4047.995	0.051	-0.069	0.172	4048.167	8.948	979394.488	-48.192	39.451	-14.305	-23.046	
D	51548000	5154	8000	01/06/2005	152	13:46:50	-31 29 45.53517	134 47 21.79115	123.712	479998.35	6515409.479	126.957	601307	4048.432	0.036	-0.07	0.174	4048.606	8.509	979394.927	-47.748	39.179	-14.206	-22.776	
D	51548040	5154	8040	01/06/2005	152	13:51:22	-31 29 45.82947	134 47 37.00258	135.271	480399.647	6515401.181	138.498	601307	4046.133	0.033	-0.071	0.176	4046.309	10.806	979392.63	-50.052	42.74	-15.498	-22.809	
D	51548080	5154	8080	01/06/2005	152	13:56:32	-31 29 45.71418	134 47 52.22964	125.468	480801.333	6515405.478	128.675	601307	4049.5	0.059	-0.072	0.178	4049.678	7.437	979395.999	-46.68	39.709	-14.399	-21.37	
D	51548120	5154	8120	01/06/2005	152	14:02:18	-31 29 45.97909	134 48 07.22540	121.066	481196.938	6515398.044	124.256	601307	4051.67	0.037	-0.072	0.181	4051.851	5.264	979398.172	-44.513	38.345	-13.904	-20.072	
D	51548160	5154	8160	01/06/2005	152	14:06:06	-31 29 45.93257	134 48 22.44750	120.08	481598.497	6515400.194	123.25	601307	4052.631	0.051	-0.073	0.183	4052.814	4.301	979399.135	-43.549	38.035	-13.792	-19.306	
D	51548200	5154	8200	01/06/2005	152	14:09:13	-31 29 46.01198	134 48 37.79665	122.961	482003.414	6515398.457	126.112	601307	4052.252	0.063	-0.073	0.184	4052.436	4.679	979398.757	-43.929	38.918	-14.112	-19.123	
D	51548240	5154	8240	01/06/2005	152	14:13:30	-31 29 45.97804	134 48 52.57461	124.609	482393.256	6515400.168	127.741	601307	4050.291	0.053	-0.073	0.186	4050.477	6.638	979396.798	-45.887	39.421	-14.294	-20.76	
D	51548280	5154	8280	01/06/2005	152	14:18:04	-31 29 45.92942	134 49 08.07219	131.605	482802.082	6515402.348	134.718	601307	4048.23	0.037	-0.074	0.188	4048.418	8.697	979394.739	-47.945	41.574	-15.075	-21.446	
D	51548320	5154	8320	01/06/2005	152	14:22:31	-31 29 46.02021	134 49 23.19029	121.053	483200.904	6515400.203	124.148	601307	4050.58	0.048	-0.074	0.19	4050.77	6.345	979397.091	-45.595	38.312	-13.892	-21.175	
D	51588200	5158	8200	01/06/2005	152	14:40:41	-31 29 32.94510	134 48 37.70202	120.35	482000.287	6515800.772	123.487	601307	4052.555	0.051	-0.073	0.198	4052.753	4.362	979399.074	-43.32	38.108	-13.818	-19.03	
D	51588240	5158	8240	01/06/2005	152	14:36:28	-31 29 32.91827	134 48 52.76439	123.662	482397.583	6515802.25	126.793	601307	4049.946	0.038	-0.074	0.196	4050.142	6.973	979396.463	-45.93	39.128	-14.188	-20.99	
D	51588280	5158	8280	01/06/2005	152	14:32:14	-31 29 33.07481	134 49 08.19487	123.948	482804.665	6515798.11	138.06	601307	4046.813	0.035	-0.074	0.194	4047.007	10.108	979393.328	-49.069	42.605	-15.449	-21.912	
D	51588320	5158	8320	01/06/2005	152	14:26:52	-31 29 33.34334	134 49 22.95328	123.88	483194.022	6515790.479	126.973	601307	4049.246	0.038	-0.074	0.192	4049.438	7.677	979395.759	-46.644	39.184	-14.208	-21.668	
D	305	0	305	01/06/2005	152	7:06:16	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5039.865	0.037	0.056	0	5039.865	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	01/06/2005	152	7:08:46	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5039.865	0.064	0.056	0	5039.865	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	01/06/2005	152	14:49:23	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5039.455	0.05	-0.073	0.41	5039.865	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	305	0	305	01/06/2005	152	14:52:12	-31 31 58.79179	134 48 44.09802	125.23	482176.647	6511310.811	128.399	310217	5039.455	0.063	-0.072	0	5039.455	0	979403.436	-42.219	39.624	-14.368	-16.963	
D	51148200	5114	8200	01/06/2005	152	7:34:18	-31 31 55.90038	134 48 37.34416	123.745	481998.395	6511399.523	126.921	310217	5039.805	0.032	0.06	0.023	5039.828	0.037	979403.399	-42.191	39.168	-14.202	-17.226	
D	51587960	5158	7960	01/06/2005	152	13:58:49	-31 29 32.54744	134 47 06.48476	120.707	479593.781	6515808.552	123.917	310217	5031.115	0.06	-0.072	0.365	5031.48	8.385	979395.051	-47.334	38.257	-13.872	-22.949	
D	51588000	5158	8000	01/06/20																					

H1000	PtNo	LineNo	StnNo	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	MGA53(253)e	MGA53(253)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	ETC	Drift	Corr_meter	GravDiff(mGal)	FromBase	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	51748240	5174	8240	01/06/2005	152	11:15:53	-31 28 40.97453	134 48 52.91387	134.721	482398.984	6517401.457	137.844	310217	5027.66	0.037	-0.006	0.22	5027.88	11.985	979391.451	-49.781	42.539	-15.425	-22.667	
D	51748280	5174	8280	01/06/2005	152	11:20:39	-31 28 41.12112	134 49 08.13305	126.999	482800.394	6517397.614	130.103	310217	5028.66	0.025	-0.009	0.224	5028.884	10.981	979392.455	-48.78	40.15	-14.558	-23.189	
D	51748320	5174	8320	01/06/2005	152	11:26:09	-31 28 41.32005	134 49 23.20804	126.733	483198.16	6517392.138	129.818	310217	5028.25	0.042	-0.012	0.229	5028.479	11.386	979392.05	-49.19	40.062	-14.527	-23.655	
D	51787960	5178	7960	01/06/2005	152	10:39:33	-31 28 27.78560	134 47 07.19156	119.528	479608.525	6517802.422	122.78	310217	5027.745	0.031	0.013	0.188	5027.933	11.932	979391.504	-49.433	37.89	-13.739	-25.283	
D	51788000	5178	8000	01/06/2005	152	10:36:37	-31 28 27.65333	134 47 22.01222	120.757	479999.58	6517807.252	123.991	310217	5027.505	0.031	0.015	0.185	5027.69	12.175	979391.261	-49.674	38.264	-13.875	-25.285	
D	51788040	5178	8040	01/06/2005	152	10:31:23	-31 28 27.76738	134 47 37.20241	122.581	480400.398	6517804.502	125.796	310217	5026.98	0.05	0.018	0.18	5027.16	12.705	979390.731	-50.206	38.821	-14.077	-25.462	
D	51788080	5178	8080	01/06/2005	152	10:26:11	-31 28 27.80182	134 47 52.71991	125.354	480809.849	6517804.203	128.55	310217	5026.8	0.032	0.02	0.176	5026.976	12.889	979390.547	-50.391	39.671	-14.385	-25.105	
D	51788120	5178	8120	01/06/2005	152	10:21:46	-31 28 27.88513	134 48 07.72748	122.642	481205.847	6517802.36	125.819	310217	5028.135	0.049	0.022	0.172	5028.307	11.558	979391.878	-49.062	38.828	-14.079	-24.313	
D	51788160	5178	8160	01/06/2005	152	10:17:39	-31 28 28.03363	134 48 22.97642	124.072	481608.217	6517798.506	127.23	310217	5029.48	0.042	0.024	0.168	5029.648	10.217	979393.219	-47.724	39.263	-14.237	-22.698	
D	51788200	5178	8200	01/06/2005	152	10:13:03	-31 28 27.93829	134 48 37.97841	120.679	482004.058	6517802.132	123.818	310217	5031.945	0.032	0.027	0.164	5032.109	7.756	979395.68	-45.261	38.21	-13.855	-20.906	
D	51788240	5178	8240	01/06/2005	152	10:09:29	-31 28 27.85388	134 48 53.16820	127.549	482404.854	6517805.415	130.67	310217	5028.885	0.024	0.028	0.161	5029.046	10.819	979392.617	-48.322	40.325	-14.622	-22.619	
D	51788280	5178	8280	01/06/2005	152	10:04:53	-31 28 28.04552	134 49 08.26247	132.327	482803.145	6517800.179	135.429	310217	5026.615	0.027	0.03	0.157	5026.772	13.093	979390.343	-50.6	41.793	-15.154	-23.961	
D	51788320	5178	8320	01/06/2005	152	10:00:07	-31 28 28.00122	134 49 23.04559	127.089	483193.213	6517802.18	130.173	310217	5027.43	0.033	0.033	0.153	5027.583	12.282	979391.154	-49.788	40.171	-14.566	-24.183	
D	51827960	5182	7960	01/06/2005	152	8:55:44	-31 28 14.79564	134 47 06.91314	119.473	479600.396	6518202.331	122.723	310217	5027.13	0.038	0.055	0.095	5027.225	12.64	979390.796	-49.851	37.872	-13.733	-25.712	
D	51828000	5182	8000	01/06/2005	152	8:58:36	-31 28 14.85138	134 47 21.97995	119.53	479997.972	6518201.385	122.762	310217	5027.205	0.037	0.054	0.098	5027.303	12.562	979390.874	-49.775	37.884	-13.737	-25.627	
D	51828040	5182	8040	01/06/2005	152	9:03:08	-31 28 15.06087	134 47 37.09935	121.776	480396.943	6518195.694	124.989	310217	5026.83	0.033	0.053	0.102	5026.932	12.933	979390.503	-50.15	38.572	-13.986	-25.565	
D	51828080	5182	8080	01/06/2005	152	9:07:27	-31 28 15.25330	134 47 52.69607	125.705	480808.508	6518190.535	128.899	310217	5026.015	0.038	0.052	0.106	5026.121	13.744	979389.692	-50.965	39.778	-14.424	-25.611	
D	51828120	5182	8120	01/06/2005	152	9:11:48	-31 28 15.07069	134 48 07.62276	128.068	481202.372	6518196.874	131.243	310217	5025.565	0.037	0.05	0.11	5025.675	14.19	979389.246	-51.407	40.502	-14.686	-25.592	
D	51828160	5182	8160	01/06/2005	152	9:18:32	-31 28 14.87960	134 48 22.63628	120.499	481598.527	6518203.464	123.656	310217	5028.761	0.032	0.049	0.116	5028.761	11.104	979392.332	-48.317	38.16	-13.837	-23.994	
D	51828200	5182	8200	01/06/2005	152	9:23:10	-31 28 15.00262	134 48 37.77502	131.418	481998.003	6518200.374	134.556	310217	5027.635	0.028	0.047	0.12	5027.755	12.11	979391.326	-49.326	41.524	-15.057	-22.859	
D	51828240	5182	8240	01/06/2005	152	9:26:59	-31 28 14.99437	134 48 53.07066	120.698	482401.612	6518201.317	123.817	310217	5030.075	0.032	0.046	0.123	5030.198	9.667	979393.769	-46.883	38.21	-13.855	-22.528	
D	51828280	5182	8280	01/06/2005	152	9:32:32	-31 28 15.07401	134 49 08.02357	135.692	482796.182	6518199.524	138.792	310217	5025.1	0.033	0.044	0.128	5025.228	14.637	979388.799	-51.854	42.831	-15.531	-24.554	
D	51828320	5182	8320	01/06/2005	152	9:54:28	-31 28 14.94412	134 49 23.19391	129.413	483196.479	6518204.176	132.495	310217	5026.155	0.04	0.035	0.147	5026.302	13.563	979389.873	-50.778	40.888	-14.826	-24.716	
D	51867960	5186	7960	01/06/2005	152	8:52:26	-31 28 01.83695	134 47 06.99224	119.448	479601.703	6518601.295	122.696	310217	5026.375	0.043	0.055	0.092	5026.467	13.398	979390.038	-50.32	37.864	-13.73	-26.185	
D	51868000	5186	8000	01/06/2005	152	8:49:55	-31 28 01.96000	134 47 22.20114	119.503	480003.047	6518598.284	122.732	310217	5026.485	0.034	0.056	0.09	5026.575	13.29	979390.146	-50.214	37.875	-13.734	-26.073	
D	51868040	5186	8040	01/06/2005	152	8:46:48	-31 28 01.96430	134 47 37.21425	119.527	480399.217	6518598.904	122.739	310217	5026.62	0.04	0.056	0.087	5026.707	13.158	979390.278	-50.083	37.877	-13.734	-25.94	
D	51868080	5186	8080	01/06/2005	152	8:42:47	-31 28 01.98397	134 47 52.35088	122.267	480798.647	6518599.042	125.46	310217	5025.985	0.042	0.057	0.084	5026.069	13.796	979389.64	-50.721	38.717	-14.039	-26.043	
D	51868120	5186	8120	01/06/2005	152	8:37:32	-31 28 01.92804	134 48 07.61147	124.588	481201.345	6518601.498	127.762	310217	5025.69	0.031	0.058	0.079	5025.769	14.096	979389.34	-51.02	39.427	-14.297	-25.899	
D	51868160	5186	8160	01/06/2005	152	8:32:49	-31 28 01.93251	134 48 22.77730	129.83	481601.545	6518602.074	132.985	310217	5024.86	0.039	0.059	0.075	5024.935	14.93	979388.506	-51.854	41.039	-14.881	-25.686	
D	51868200	5186	8200	01/06/2005	152	8:28:20	-31 28 02.02687	134 48 38.04014	122.654	482004.309	6518599.872	125.79	310217	5027.92	0.029	0.059	0.071	5027.991	11.874	979391.562	-48.8	38.819	-14.076	-24.057	
D	51868240	5186	8240	01/06/2005	152	8:23:15	-31 28 01.93592	134 48 53.07966	120.766	482401.171	6518603.349	123.883	310217	5028.995	0.041	0.06	0.066	5029.061	10.804	979392.632	-47.728	38.23	-13.862	-23.36	
D	51868280	5186	8280	01/06/2005	152	8:19:13	-31 28 02.07751	134 49 08.09859	126.63	482797.502	6518599.652	129.729	310217	5026.47	0.036	0.06	0.063	5026.533	13.332	979390.104	-50.259	40.034	-14.517	-24.741	
D	51868320	5186	8320	01/06/2005	152	8:11:34	-31 28 02.11853	134 49 23.33233	137.598	483199.495	6518599.044	140.678	310217	5023.56	0.04	0.061	0.056	5023.616	16.249	979387.187	-53.177	43.413	-15.742	-25.506	

EOF

Minotaur

A.C.N. 108 483 601

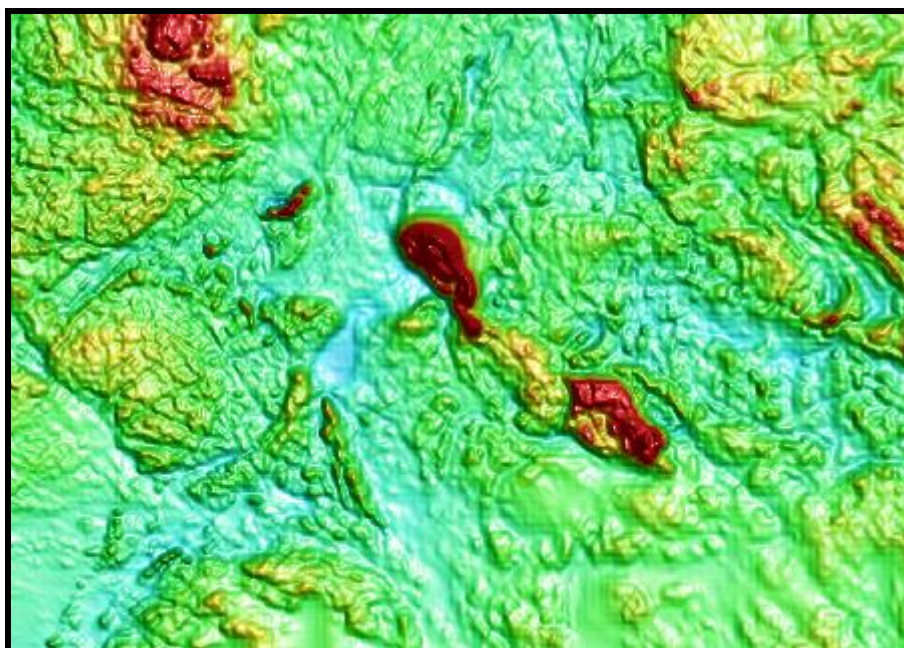


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ANNUAL TECHNICAL REPORT

EL 3460 NUCKULLA HILL
SOUTH AUSTRALIA

FOR YEAR ENDING 28th NOVEMBER 2006



R.B. Flint

July 2007

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July 2007

SUMMARY

- During July–August 2006, Fugro Airborne Surveys carried out for Toro Energy a regional airborne EM survey south of Childera Outstation — ~100 line-km were flown on EL 3460 using a flight-line spacing of 1 km along N–S lines. A west-trending Tertiary palaeochannel exists across the southern portion of EL 3460.
- Rehabilitation was undertaken at three previous RC drillholes (NK05R001–NK05R003).
- A ~25 km long, N–S linear gravity anomaly running along the Yarlbrinda Shear Zone on northern portion of EL 3460 remains of interest as it may represent either IOCG-style mineralisation (haematite dominate) or a non-magnetic gabbro/diorite which may have been a chemical trap for any Au-rich fluids within the Yarlbrinda Shear Zone conduit at ~1590 Ma. Two traverses of Air Core drillholes are planned across the gravity anomaly and adjacent Yarlbrinda Shear Zone.

MAP REFERENCE: 1:250 000:

MAP REFERENCE: 1:100 000:

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INTRODUCTION

EL 3460 (Nuckulla Hill) (formerly EL 2761) is situated near the western margin of the Gawler Ranges on the central portion of the Gawler Craton, central South Australia (Figure 1). Licensee for the tenement is Equinox Resources Ltd and the tenement is subject to a joint venture with Minotaur Exploration Ltd as operator.

Rock exposures of Mesoproterozoic Gawler Range Volcanics and Hiltaba Granite occur extensively within the Gawler Ranges, but to the west and encompassing a significant portion of EL 3460, exposures are limited (Blissett, 1980; Blissett, 1985; Blissett et al, 1993) (Figure 2). However, concealed beneath a thin veneer of Cainozoic sediments is the N–S Yarlbirinda Shear Zone along which are several prospects containing quartz-vein hosted gold mineralisation (Tunkillia, Myall and Sheoak). Further north along the shear zone is the Tunkillia Prospect where Helix Resources have defined a total JORC resource for the Tunkillia Prospect of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). At all these localities, gold is believed to be associated with hydrothermal fluids emanating from a Hiltaba Suite pluton or batholith.

These gold occurrences are located within the Central Gawler Gold Province, a term applied to a significant number of Mesoproterozoic gold-only prospects in the central Gawler Craton in comparison to the eastern Gawler Craton where mineralised systems are hematite-rich and polymetallic (gold, copper, uranium and rare earths) or abbreviated to IOCG-style deposits (Fe oxide copper–gold). Examples of these deposits include Olympic Dam and Prominent Hill.

The difference in mineralisation styles may be real and reflect regional fundamental variations in source fluids and hydrothermal solutions or alternatively the difference may only be apparent and reflect the lack of mineral exploration in the Central Gawler Gold Province for IOCG-style deposits.

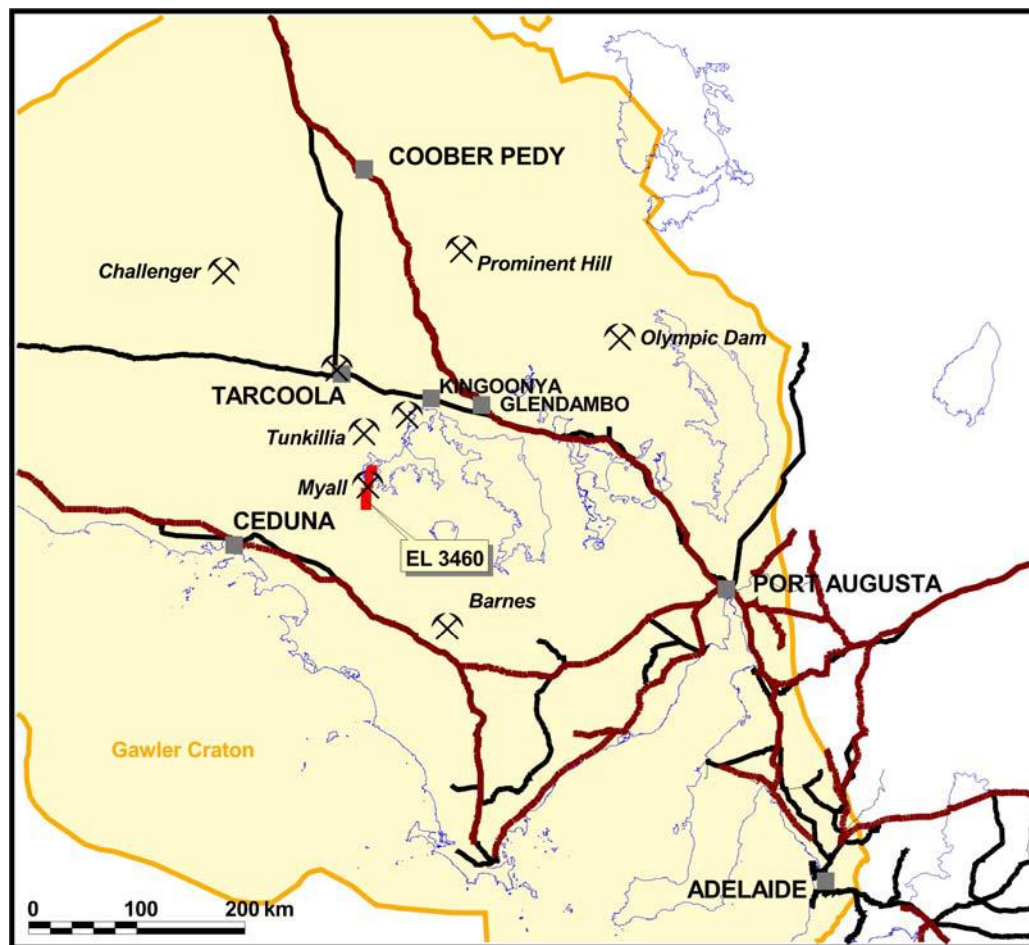


Figure 1: Location plan for EL 3460, South Australia

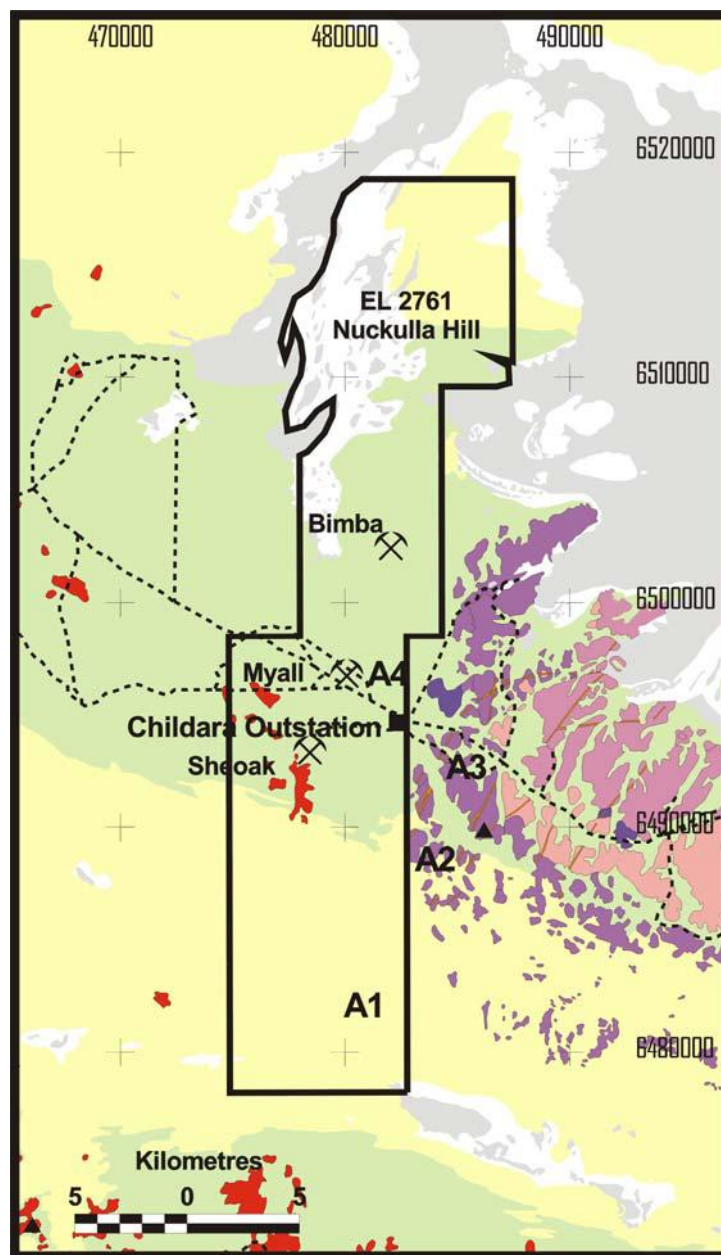


Figure 2: Outcrop geology of the Nuckulla Hill area, after Blissett (1980), and location of gravity anomalies (A1–A4) on EL 3460 (Nuckulla Hill) (formerly EL 2761)

REGIONAL GEOLOGY AND TECTONICS

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, granitoids emplaced include the Tunkillia Suite (~1690 Ma) and St Peter Suite (~1620 Ma), and were probably synorogenic with associated deformation during late stages of the Kimban and Kararan Orogenies. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and N-trending Yarlbirinda Shear Zone. The Yarlbirinda Shear Zone (west of the Gawler Ranges) and Yerda Shear Zone are up to several kilometres wide with ductile shearing and deformation probably occurring before ~1600 Ma and before Mesoproterozoic anorogenic magmatism (Figure 3) (Daly et al, 1998).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu-Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralisation at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993). Displacements along NE- and NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.

REGIONAL MINERALISATION

Quartz-vein hosted gold mineralisation is known from several prospects along the Yarlbirinda Shear Zone (Tunkillia, Myall and Sheoak) and also further north at the historical Glenloth and Tarcoola Goldfields. At all these localities, gold is believed to be associated with hydrothermal fluids emanating from a Hiltaba Suite pluton or batholith.

Helix Resources have defined a total JORC resource for the Tunkillia Prospect of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). Host rocks within the Yarlbirinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold

and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite, with mineralisation most likely related to fluids emanating from a Hiltaba Suite granite and preferentially focused along the Yarlbirinda Shear Zone.

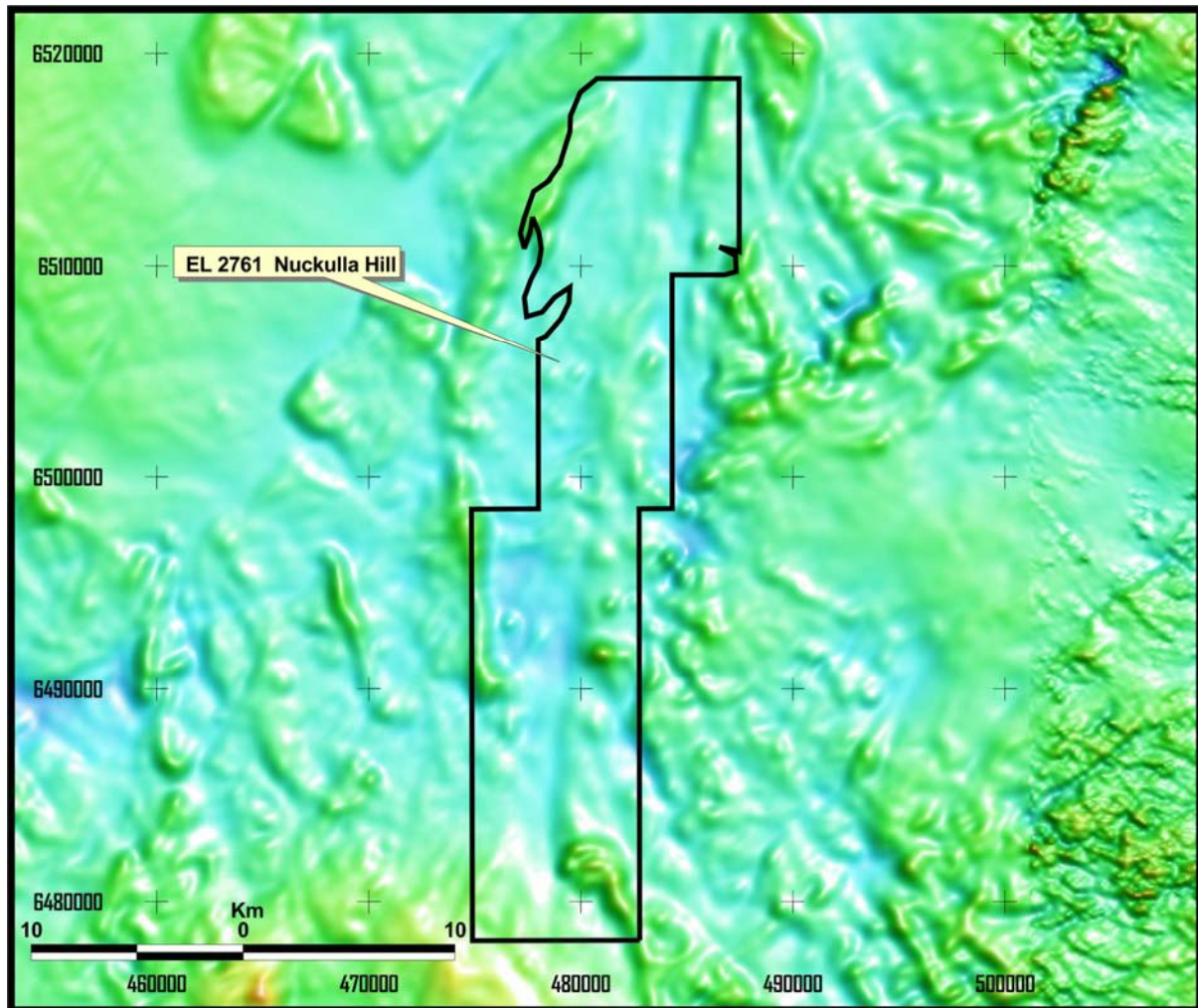


Figure 3: TMI image for EL 3460 (formerly EL 2761) (PIRSA data)

Other prospects further south along the Yarlbirinda Shear Zone include Myall, Sheoak and Bimba Prospects discovered by Equinox Resources during 1995–1997. Initial calcrete sampling was successful and subsequent exploration included RAB, RC and diamond drilling programs, encountering significant anomalous gold. Intercepts included 7 m at 3.1 g/t Au (52-59 m in NHAC26) and 22 m at 1.1 g/t Au (113-135 m in NHRC-1) at the Sheoak Prospect (Parker, 2003).

Near the southwest Gawler Ranges (SE of the Yarlbirinda Shear Zone), gold mineralisation at the Barnes and White Tank prospects discovered by Adelaide Resources Ltd is spatially near Hiltaba Suite granitoids though hosted within Tunkillia Suite granodiorite. Significant gold intersections include 12 m at 3.38 g/t (RCBN123), 6 m at 4.40 g/t (RCBN51), 8 m at 2.97 g/t (RHBN50) and 2 m at 67.6 g/t (RCBN129) (Barnes Prospect) and 17 m at 3.47 g/t Au (White Tank) (Drown, 2003).

RECENT EXPLORATION

This report represents the first annual technical report for EL 3460 and follows the previous annual technical report for EL 2761 by Flint (2006).

Haines Surveys Pty Ltd conducted gravity surveys within EL 3460 in 2003, 2004 and March–June 2005 resulting in a total of 1443 stations with all data merged to produce regional Bouguer, residual and first vertical derivative gravity images (Figures 4–6).

During late 2004, Minotaur Resources Ltd successfully applied for a grant from Primary Industries and Resources of South Australia (PIRSA) through its Plan for Accelerated Exploration (PACE) to drill test two gravity anomalies in close proximity to the Yarlbirinda Shear Zone on the southern part of EL 3460 in order to investigate whether hematite-rich breccia pipes and subvolcanic complexes similar in style to typical Mesoproterozoic IOCG deposits of the eastern Gawler Craton occur. Drilling of three RC holes (NK05R001–NK05R003) revealed that the gravity anomalies were caused by deformed gabbroic lithologies interlayered with gneissic granite (Flint, 2005; 2006).

On the northern portion of EL 3460, the Bouguer gravity image reveals a general decrease northwards in amplitude, however, superimposed on this trend and evident especially in the residual and 1VD gravity imagery, is a N–S linear anomaly running along the Yarlbirinda Shear Zone for ~25 km (Figure 7). This linear gravity feature appears to broaden and become more prominent northwards, either increasing in density and/or decreasing in depth. In some areas, the amplitude of this linear anomaly is 2–3 mGals, however, the northern anomaly has a 4 mGal response. In the south, the linear gravity anomaly is east of the shear

zone, but northwards its northern extent is situated immediately west of the Yarlbirinda Shear Zone and in a zone of relative magnetic quiescence.

The source unit causing this linear gravity anomaly is considered to be a non-magnetic mafic intrusive (gabbro/dolerite) possibly emplaced prior to ductile deformation along the Yarlbirinda Shear Zone. Proximity of the possible intrusive to the zone of maximum shearing within the Yarlbirinda Shear Zone suggests it may be a very favourable chemical trap for mobile Au-rich fluids (Flint, 2006).

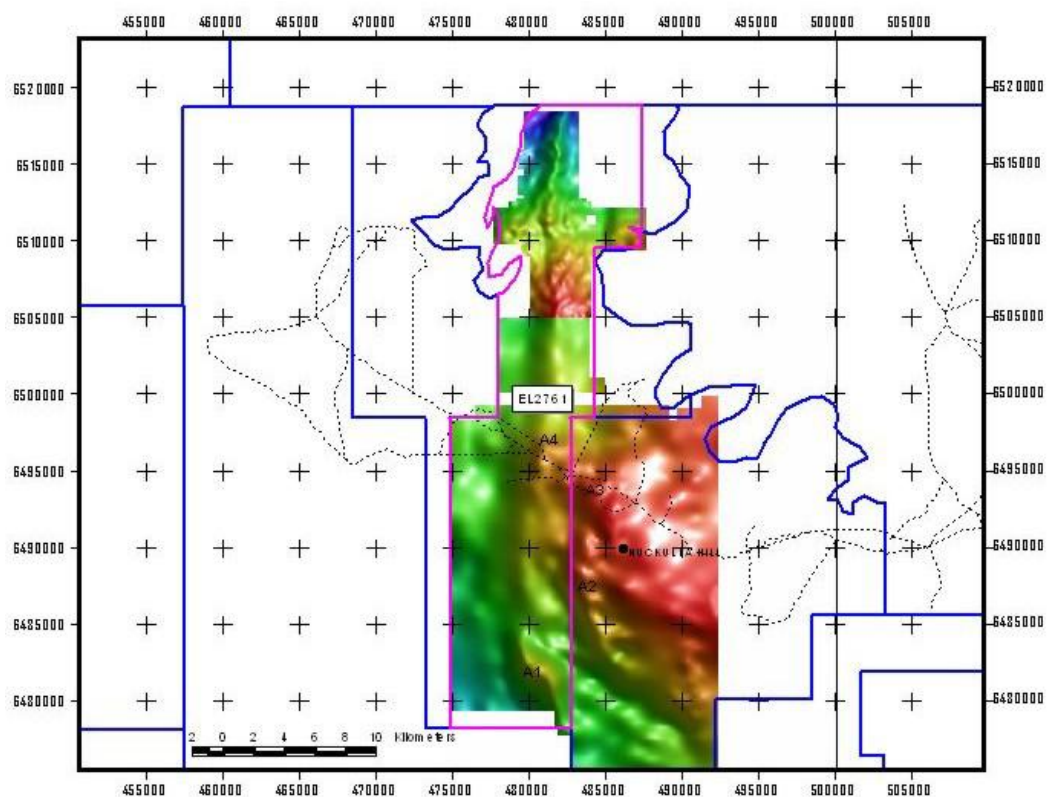


Figure 4: Bouguer gravity image for EL 3460 Nuckulla Hill (formerly EL 2761)

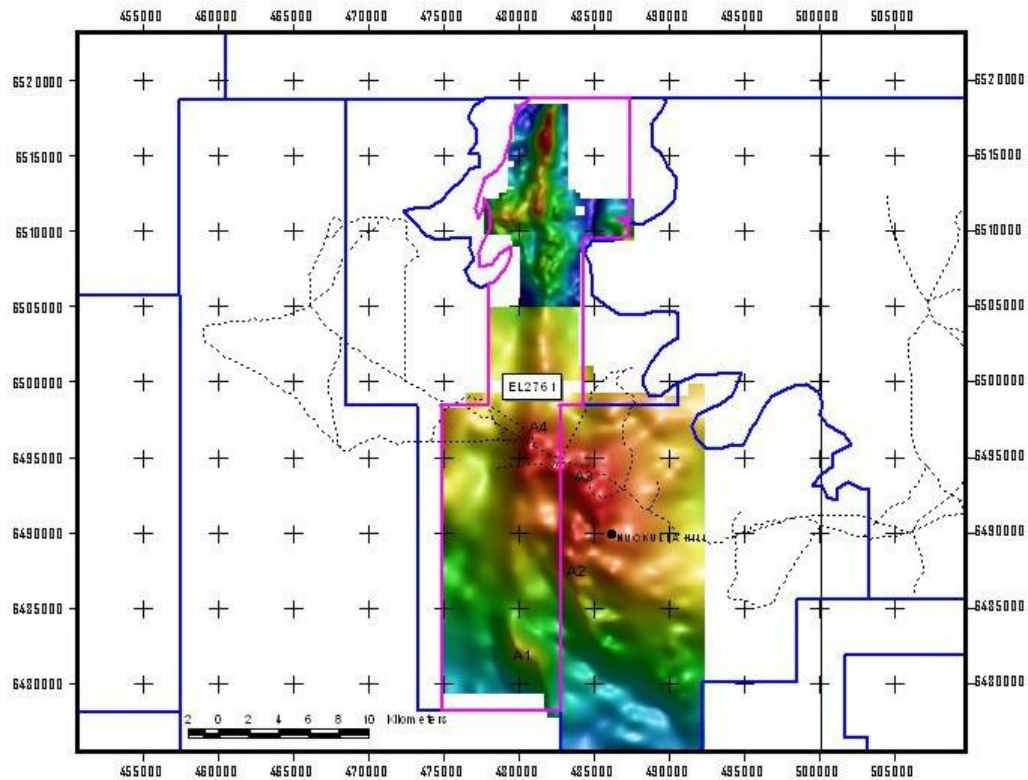


Figure 5: Residual gravity image for EL 3460 Nuckulla Hill (formerly EL 2761)

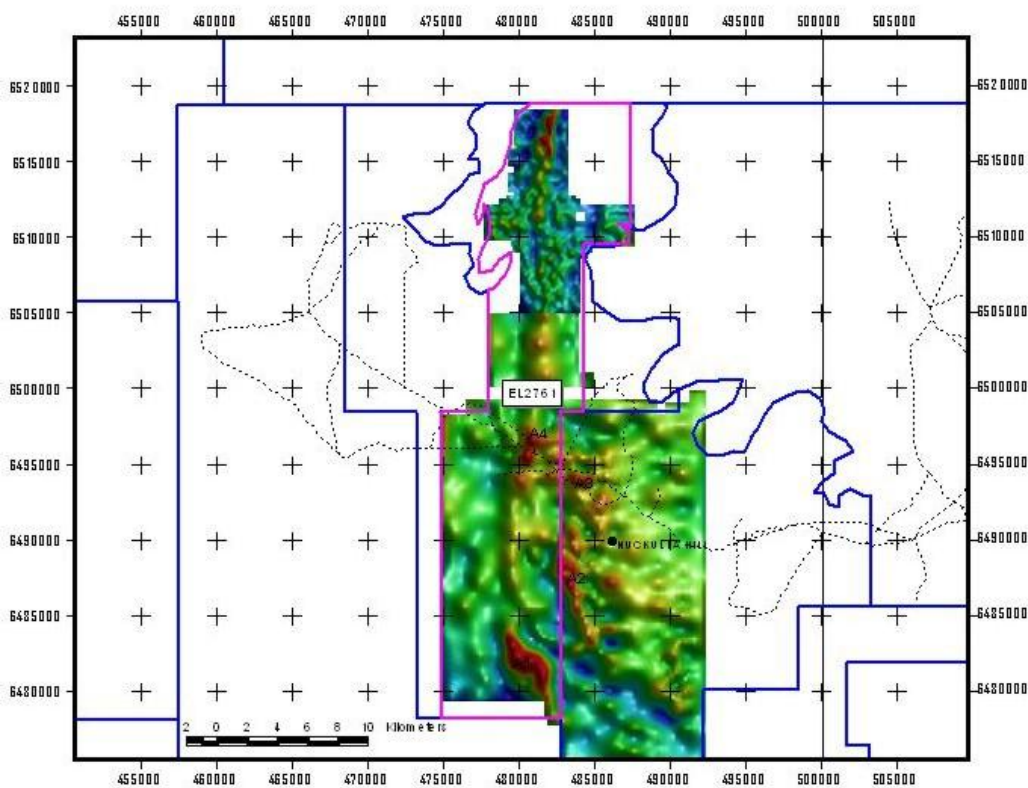


Figure 6: First vertical derivative gravity image for EL 3460 Nuckulla Hill (formerly EL 2761)

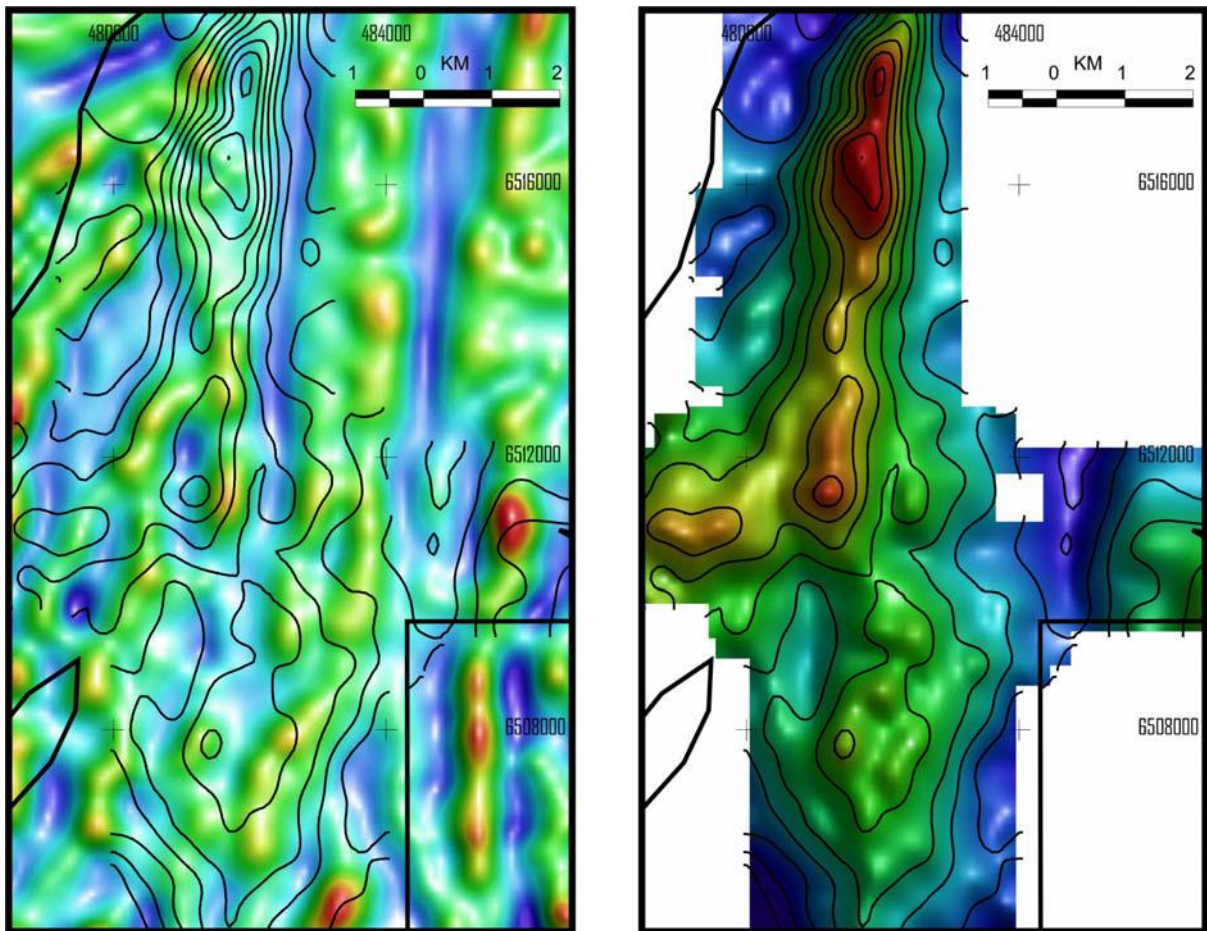


Figure 7: Residual gravity image and contours (right) and residual gravity contours superimposed on TMI-RTP-cnrm image (left) for northern portion of EL 3460

EXPLORATION ACTIVITIES DURING PAST 12 MONTHS

During the past 12 months, exploration activities included:

- Rehabilitation of three RC drillholes (NK05R001–NK05R003),
- Assess and review drillhole sample geochemistry,
- Plan for further drill programs,
- Divest uranium rights to Toro Energy,
- Undertake ~100 line-km Airborne EM survey (Toro Energy),
- Integrate Airborne EM with other data sets (Toro Energy),
- Process and interpret AEM for late-time basement conductors,
- Interpret Tertiary palaeochannels from Airborne EM data and their potential to host sedimentary U mineralisation (Toro Energy).

DRILLING

No drilling was undertaken during the past 12 months. However, the ~25 km long, N–S linear gravity anomaly running along the Yarlbrinda Shear Zone that has an amplitude up to 4 mGal remains of interest. The geophysical feature has not been previously recognised or drilled. It coincides with zones of magnetic quiescence and may represent either IOCG-style mineralisation (haematite dominate) or a non-magnetic gabbro/diorite which may have been an excellent chemical trap for any Au-rich fluids within the Yarlbrinda Shear Zone conduit at ~1590 Ma. Two traverses of Air Core drillholes are planned across the gravity anomaly and adjacent Yarlbrinda Shear Zone.

AIRBORNE EM SURVEY

During July–August 2006, Fugro Airborne Surveys carried out for Toro Energy a regional airborne EM survey southwest and southeast of Nuckulla Hill, including portions of EL 3460 along with adjoining tenements EL 3166 (Childara Well) and EL 3094 (Glyde Hill). Approximately 100 line-km were flown on EL 3460 using a flight-line spacing of 1 km along

N–S lines. The data were processed by Fugro to produce images of interpreted depth to bedrock (Figures 8–9).

A Tertiary palaeochannel is clearly delineated south of Childera Outstation across southern EL 3460. The channel has its headwaters near exposures of Gawler Range Volcanics near Nuckulla Hill and trends southeastwards initially before meandering westwards across southern EL 3460 onto adjoining EL 3166 (Childara Well). Further work continues on better defining palaeochannel convergent and meander features and possible drill targets to appraise the potential for the palaeochannel to host sedimentary U mineralisation.

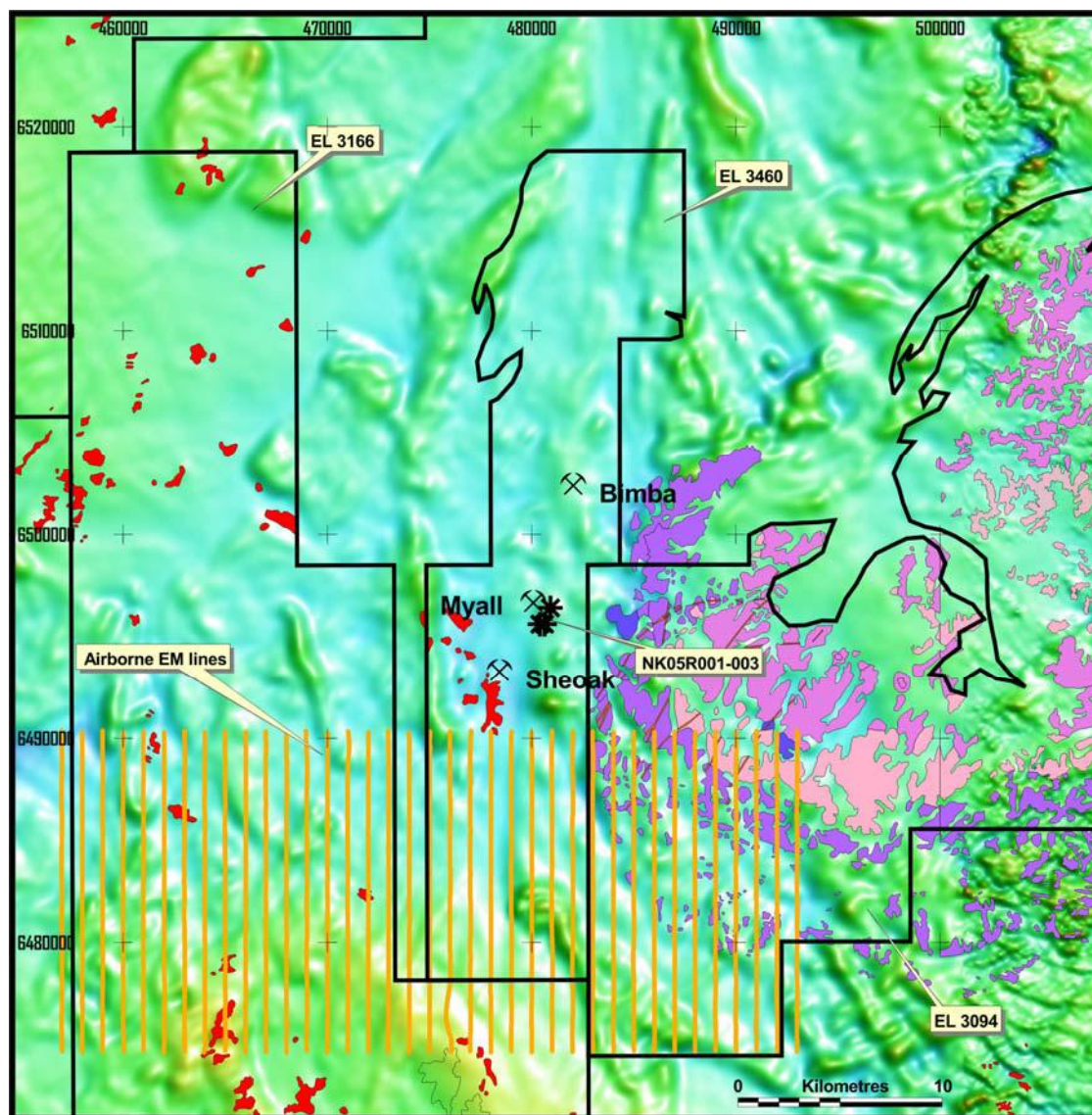


Figure 8: Airborne EM flight lines for 2006 survey superimposed on TMI-RTP image

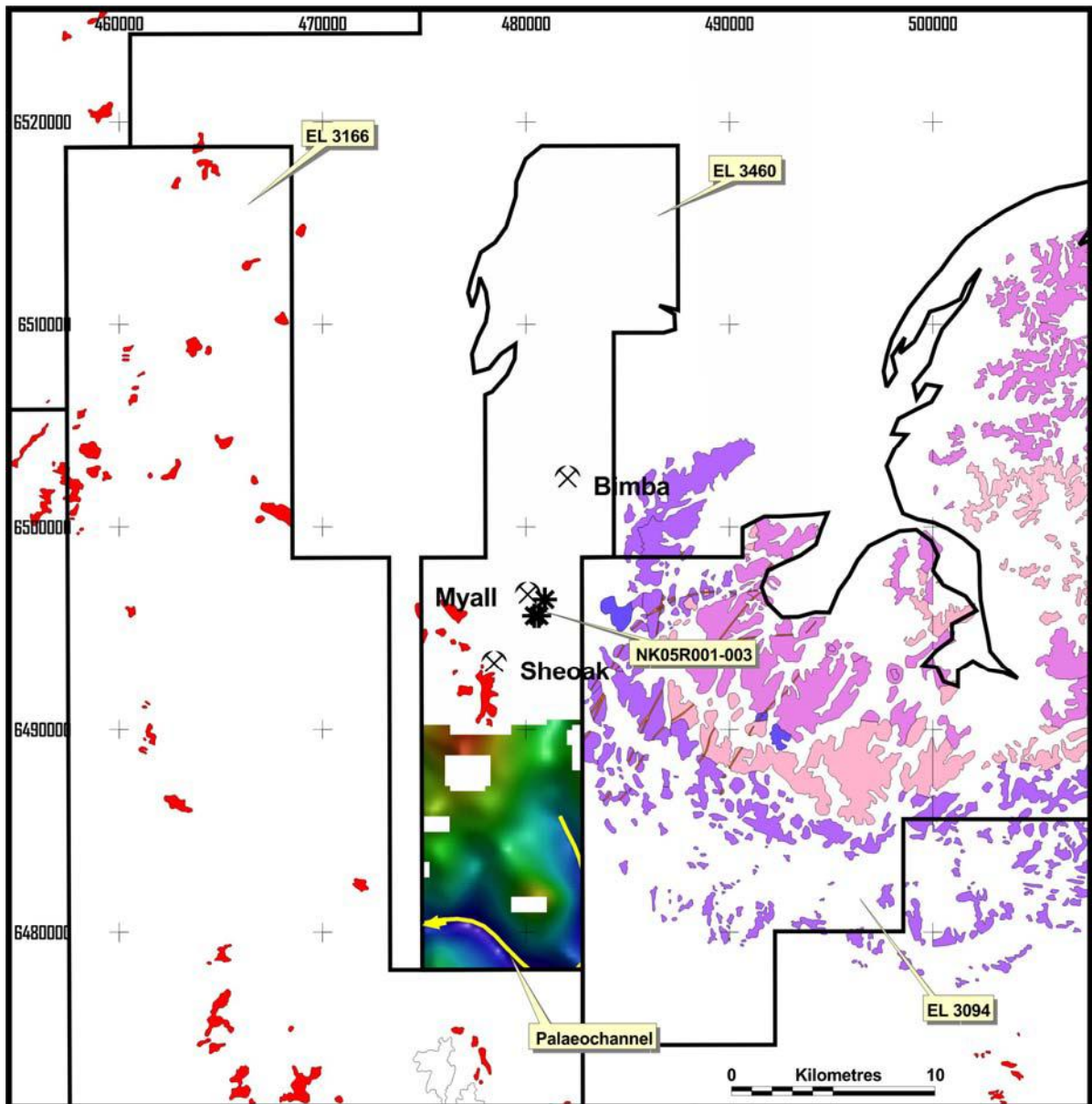


Figure 9: Depth to basement image produced from Airborne EM data (red = shallow basement, blue = deep basement)

REHABILITATION

Rehabilitation of the three RC drill sites (NK05R001–NK05R003) was undertaken during December 2005 by Andrew Brockhoff, a backhoe operator from Coober Pedy. A front-end loader was used to back fill sumps, bury surplus RC chip samples, level drill sites and access tracks, and to lightly roughen the surface to assist water retention and revegetation.



Figure 10: Drillsite NN05R001 and view S prior to drilling



Figure 11: Drillsite NN05R001 and view NE prior to rehabilitation



Figure 12: Drillsite NN05R001 and view NE after rehabilitation



Figure 13: Drillsite NN05R002 and view SSW prior to drilling



Figure 14: Drillsite NN05R002 and view NE prior to rehabilitation



Figure 15: Drillsite NN05R002 and view NE after rehabilitation

FUTURE WORK PROGRAM

A ~25 km long, N–S linear gravity anomaly running along the Yarlbrinda Shear Zone on northern portion of EL 3460 remains of interest as it may represent either IOCG-style mineralisation (haematite dominate) or a non-magnetic gabbro/diorite which may have been a chemical trap for any Au-rich fluids within the Yarlbrinda Shear Zone conduit at ~1590 Ma. Two traverses of Air Core drillholes are planned across the gravity anomaly and adjacent Yarlbrinda Shear Zone.

Interpretation of the airborne EM data is continuing to improve delineation of palaeochannel convergent and meander features along with identification of possible drill targets to appraise the potential for the palaeochannel to host sedimentary U mineralisation.

Interpretation of the airborne EM data is also continuing to identify late-time conductors that may reflect mineralisation within crystalline basement units.

EXPENDITURE

EL 3460 Nuckulla Hill			
Expenditure item	6 month period ending 28 th May 2006 A\$	6 month period ending 28 th Nov 2006 A\$	Year Total A\$
Application/fees/rental	1735.00		1735.00
Assays			
Camp hire/maintenance	2047.84		2047.84
Clearance/Native title	383.15		383.15
Communications	181.87		181.87
Computing, maps, data	58.00	292.00	350.00
Drilling			
Environment/Rehabilitation	2185.00		2185.00
Field work	134.50	31.03	165.53
Geological consulting	4486.91		4486.91
Geophysics consulting		781.00	781.00
Geophysics expenses		8397.00	8397.00
Hire plant/Equipment			
Management overheads	3665.57	1610.40	5275.97
Petrology			
Postage/Freight			
Salaries, contractors, super, workcover	7105.00	6603.00	13708.00
Toro divestment Fees	3261.48		3261.48
Toro divestment Legal	14356.90		14356.90
Travel / Parking			
Vehicle expenses	720.00		720.00
Vehicle hire			
TOTAL	\$40,321.22	\$17,714.43	\$58,035.65

Table 5: Summary of exploration expenditure for EL 3460 (Nuckulla Hill) for the year ending 28th November 2006

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APPENDICES

APPENDIX A:

Airborne EM data (Area 6) collected by Fugro Airborne Surveys for Toro Energy during July–August 2006

File: EL3460_2006_A_02_AirboreEM.txt (digital format only)

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	586	-31.72	134.73	475029.22	6490326.55	278.51	227.34	121.68	120	156.84	54507.56	0.09	2.47	15.46	-116.47	-31.75	0	0	-120	-35	5.02	3.99	3.5	3.06	2.6	2.06	1.47
D	6	586.2	-31.72	134.73	475029.43	6490312.8	278.7	227.44	121.22	120	157.49	54503.89	0.09	2.34	15.12	-116.65	-32.09	0	0	-120	-35	5	3.96	3.47	3.04	2.57	2.04	1.44
D	6	586.4	-31.72	134.73	475029.53	6490299.04	278.88	227.47	121.06	120	157.82	54499.95	0.09	2.21	14.4	-116.88	-32.43	0	0	-120	-35	4.98	3.95	3.45	3.02	2.55	2.01	1.42
D	6	586.6	-31.72	134.73	475029.51	6490285.27	279.03	227.45	121.28	120	157.75	54495.77	0.08	2.13	13.35	-117.15	-32.78	0	0	-120	-35	4.97	3.95	3.44	3	2.53	1.98	1.39
D	6	586.8	-31.72	134.73	475029.4	6490271.5	279.16	227.41	121.83	120	157.33	54491.38	0.07	2.11	12.12	-117.48	-33.11	0	0	-120	-35	4.98	3.95	3.43	2.99	2.51	1.97	1.37
D	6	587	-31.72	134.73	475029.19	6490257.72	279.27	227.35	122.54	120	156.73	54486.79	0.06	2.15	10.83	-117.86	-33.41	0	0	-120	-35	4.99	3.96	3.43	2.99	2.5	1.95	1.36
D	6	587.2	-31.72	134.73	475028.91	6490243.93	279.37	227.32	123.24	120	156.13	54481.99	0.05	2.27	9.54	-118.26	-33.64	0	0	-120	-35	5	3.97	3.43	2.99	2.49	1.93	1.34
D	6	587.4	-31.72	134.73	475028.55	6490230.14	279.45	227.32	123.8	120	155.66	54476.93	0.04	2.44	8.19	-118.72	-33.82	0	0	-120	-35	5.02	3.98	3.44	2.99	2.48	1.92	1.32
D	6	587.6	-31.72	134.73	475028.12	6490216.34	279.53	227.37	124.16	120	155.37	54471.69	0.03	2.65	6.86	-119.19	-34	0	0	-120	-35	5.04	3.99	3.44	2.99	2.48	1.91	1.31
D	6	587.8	-31.72	134.73	475027.64	6490202.55	279.6	227.44	124.31	120	155.29	54466.36	0.01	2.87	5.69	-119.68	-34.1	0	0	-120	-35	5.06	4	3.45	2.99	2.47	1.9	1.29
D	6	588	-31.72	134.73	475027.12	6490188.75	279.68	227.54	124.31	120	155.37	54461.01	0	3.05	4.81	-120.17	-34.13	0	0	-120	-35	5.07	4.01	3.45	2.99	2.47	1.89	1.28
D	6	588.2	-31.72	134.73	475026.56	6490174.95	279.76	227.69	124.18	120	155.58	54455.58	-0.01	3.17	4.25	-120.61	-34.18	0	0	-120	-35	5.09	4.02	3.46	3	2.47	1.89	1.27
D	6	588.4	-31.72	134.73	475025.97	6490161.16	279.85	227.87	123.96	120	155.89	54450.04	-0.03	3.23	3.9	-121.03	-34.17	0	0	-120	-35	5.11	4.03	3.47	3	2.47	1.88	1.27
D	6	588.6	-31.72	134.73	475025.34	6490147.37	279.95	228.12	123.66	120	156.29	54444.43	-0.04	3.27	3.68	-121.36	-34.17	0	0	-120	-35	5.13	4.04	3.47	3.01	2.47	1.88	1.26
D	6	588.8	-31.72	134.73	475024.67	6490133.58	280.07	228.39	123.31	120	156.76	54438.75	-0.06	3.35	3.66	-121.65	-34.15	0	0	-120	-35	5.16	4.05	3.48	3.01	2.48	1.88	1.26
D	6	589	-31.72	134.73	475023.96	6490119.79	280.22	228.64	122.92	120	157.29	54432.99	-0.08	3.48	3.73	-121.84	-34.13	0	0	-120	-35	5.18	4.07	3.49	3.02	2.48	1.88	1.26
D	6	589.2	-31.72	134.73	475023.2	6490106.01	280.39	228.84	122.51	120	157.88	54427.12	-0.1	3.65	3.68	-121.99	-34.14	0	0	-120	-35	5.2	4.09	3.5	3.03	2.48	1.88	1.26
D	6	589.4	-31.72	134.73	475022.41	6490092.23	280.58	228.96	122.11	120	158.48	54421.23	-0.12	3.82	3.28	-122.07	-34.15	0	0	-120	-35	5.22	4.11	3.51	3.03	2.49	1.88	1.26
D	6	589.6	-31.72	134.73	475021.59	6490078.45	280.8	229.02	121.72	120	159.08	54415.46	-0.14	3.94	2.51	-122.11	-34.14	0	0	-120	-35	5.24	4.12	3.51	3.03	2.49	1.88	1.25
D	6	589.8	-31.72	134.73	475020.75	6490064.68	281.04	229.02	121.38	120	159.65	54409.86	-0.16	4	1.5	-122.1	-34.15	0	0	-120	-35	5.26	4.12	3.52	3.03	2.48	1.88	1.25
D	6	590	-31.72	134.73	475019.9	6490050.91	281.28	228.96	121.08	120	160.21	54404.41	-0.18	3.99	0.37	-122.03	-34.16	0	0	-120	-35	5.28	4.13	3.52	3.03	2.48	1.88	1.25
D	6	590.2	-31.72	134.73	475019.05	6490037.15	281.54	228.87	120.81	120	160.74	54399.12	-0.2	3.9	-0.76	-121.96	-34.17	0	0	-120	-35	5.3	4.14	3.53	3.03	2.48	1.88	1.25
D	6	590.4	-31.72	134.73	475018.2	6490023.4	281.81	228.77	120.59	120	161.22	54394.02	-0.21	3.8	-1.86	-121.84	-34.21	0	0	-120	-35	5.33	4.14	3.53	3.03	2.48	1.88	1.25
D	6	590.6	-31.72	134.73	475017.37	6490009.66	282.08	228.69	120.4	120	161.68	54389.14	-0.22	3.69	-2.88	-121.67	-34.26	0	0	-120	-35	5.37	4.15	3.54	3.03	2.48	1.88	1.26
D	6	590.8	-31.72	134.73	475016.57	6489995.92	282.34	228.66	120.26	120	162.08	54384.51	-0.23	3.59	-3.82	-121.5	-34.31	0	0	-120	-35	5.41	4.16	3.55	3.04	2.49	1.89	1.27
D	6	591	-31.72	134.73	475015.81	6489982.2	282.58	228.71	120.14	120	162.43	54380.08	-0.23	3.49	-4.68	-121.26	-34.35	0	0	-120	-35	5.45	4.17	3.56	3.04	2.49	1.9	1.27
D	6	591.2	-31.72	134.73	475015.11	6489968.49	282.79	228.79	119.99	120	162.79	54375.78	-0.24	3.38	-5.44	-121.06	-34.39	0	0	-120	-35	5.49	4.18	3.56	3.04	2.49	1.9	1.28
D	6	591.4	-31.72	134.73	475014.47	6489954.79	282.97	228.86	119.79	120	163.18	54371.57	-0.24	3.3	-6.18	-120.81	-34.41	0	0	-120	-35	5.52	4.19	3.57	3.04	2.5	1.91	1.29
D	6	591.6	-31.72	134.73	475013.89	6489941.1	283.15	228.96	119.49	120	163.66	54367.52	-0.24	3.24	-6.94	-120.61	-34.43	0	0	-120	-35	5.55	4.2	3.56	3.04	2.5	1.92	1.3
D	6	591.8	-31.72	134.73	475013.38	6489927.42	283.31	229.04	119.05	120	164.25	54363.69	-0.25	3.18	-7.65	-120.41	-34.46	0	0	-120	-35	5.58	4.2	3.56	3.03	2.5	1.92	1.31
D	6	592	-31.72	134.73	475012.95	6489913.76	283.47	229.17	118.53	120	164.94	54360	-0.25	3.15	-8.03	-120.22	-34.5	0	0	-120	-35	5.59	4.2	3.55	3.02	2.49	1.93	1.31
D	6	592.2	-31.72	134.73	475012.6	6489900.1	283.64	229.35	117.99	120	165.66	54356.29	-0.25	3.15	-8.12	-120.06	-34.58	0	0	-120	-35	5.6	4.19	3.54	3.02	2.49	1.93	1.32
D	6	592.4	-31.72	134.73	475012.34	6489886.47	283.81	229.56	117.56	120	166.26	54352.53	-0.26	3.12	-8.29	-119.93	-34.66	0	0	-120	-35	5.61	4.19	3.53	3.01	2.49	1.94	1.33
D	6	592.6	-31.72	134.73	475012.15	6489872.84	283.97	229.8	117.36	120	166.61	54348.81	-0.26	3.07	-8.67	-119.85	-34.85	0	0	-120	-35	5.61	4.19	3.52	3	2.49	1.94	1.35
D	6	592.8	-31.72	134.73	475012.04	6489859.23	284.11	230.06	117.48	120	166.63	54345.24	-0.27	2.99	-9.09	-119.79	-35.03	0	0	-120	-35	5.63	4.19	3.52	3.01	2.5	1.95	1.36
D	6	593	-31.72	134.73	475012.02	6489845.63	284.22	230.32	117.87	120	166.35	54341.83	-0.27	2.86	-9.21	-119.79	-35.25	0	0	-120	-35	5.65	4.2	3.53	3.01	2.5	1.97	1.37
D	6	593.2	-31.72	134.73	475012.07	6489832.04	284.29	230.58	118.4	120	165.89	54338.51	-0.27	2.71	-8.88	-119.82	-35.51	0	0	-120	-35	5.67	4.21	3.53	3.02	2.51	1.98	1.39
D	6	593.4	-31.72	134.73	475012.19	6489818.47	284.33	230.82	118.91	120	165.42	54335.23	-0.28	2.61	-8.17	-119.89	-35.76	0	0	-120	-35	5.7	4.22	3.54	3.02	2.52	1.99	1.4
D	6	593.6	-31.72	134.73	475012.38	6489804.9	284.35	231.04	119.29	120	165.07	54331.99	-0.28	2.59	-7.26	-120	-36	0	0	-120	-35	5.71	4.23	3.54	3.02	2.52	1.99	1.4
D	6	593.8	-31.72	134.73	475012.62	6489791.35	284.36	231.23	119.5	120	164.85	54328.77	-0.29	2.61	-6.25	-120.1	-36.2	0	0	-120	-35	5.72	4.24	3.54	3.02	2.52	1.99	1.4
D	6	594	-31.72	134.73	475012.91	6489777.8	284.35	231.4	119.59	120	164.75	54325.56	-0.29	2.66	-5.14	-120.25	-36.32	0	0	-120	-35	5.72	4.23	3.52	3.01	2.51	1.98	1.4
D	6	594.2	-31.72	134.73	475013.23	6489764.27	284.33	231.55	119.64	120	164.69	54322.37	-0.3	2.72	-4.06	-120.42	-36.37	0	0	-120	-35	5.69	4.21	3.5	2.99	2.49	1.97	1.39
D	6	594.4	-31.72	134.73	475013.59	6489750.73	284.3	231.67	119.66	120	164.64	54319.21	-0.31	2.78	-3.17	-120.61	-36.41	0	0	-120	-35	5.66	4.19	3.48	2.97	2.47	1.94	1.37
D	6	594.6	-31.72	134.73	475013.98	6489737.2	284.28	231.75	119.69	120	164.59	54316.12	-0.32	2.79	-2.4	-120.83	-36.43	0	0	-120	-35	5.61	4.15	3.44	2.93	2.44	1.92	1.35
D	6	594.8</																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	602.4	-31.73	134.73	475013.28	6489209.21	286.42	234.15	122.22	120	164.19	54348.25	-0.15	2.05	-0.51	-121.48	-34.89	0	0	-120	-35	4.59	3.32	2.76	2.26	1.72	1.18	0.68
D	6	602.6	-31.73	134.73	475012.74	6489195.58	286.27	233.86	122.64	120	163.64	54352.27	-0.13	1.99	-0.65	-121.45	-34.7	0	0	-120	-35	4.57	3.32	2.77	2.28	1.75	1.2	0.7
D	6	602.8	-31.73	134.73	475012.2	6489181.95	286.11	233.54	123.02	120	163.09	54356.22	-0.11	1.9	-0.79	-121.43	-34.44	0	0	-120	-35	4.54	3.31	2.77	2.29	1.77	1.22	0.71
D	6	603	-31.73	134.73	475011.67	6489168.31	285.94	233.23	123.38	120	162.56	54360.11	-0.1	1.81	-0.95	-121.4	-34.14	0	0	-120	-35	4.49	3.29	2.77	2.3	1.78	1.24	0.73
D	6	603.2	-31.73	134.73	475011.15	6489154.66	285.75	232.94	123.71	120	162.04	54363.97	-0.08	1.75	-1.1	-121.38	-33.88	0	0	-120	-35	4.45	3.28	2.76	2.3	1.8	1.25	0.74
D	6	603.4	-31.73	134.73	475010.63	6489141.01	285.55	232.68	124.02	120	161.53	54367.78	-0.07	1.74	-1.2	-121.34	-33.58	0	0	-120	-35	4.41	3.26	2.75	2.31	1.81	1.28	0.76
D	6	603.6	-31.73	134.73	475010.13	6489127.36	285.33	232.45	124.33	120	161.01	54371.54	-0.05	1.74	-1.24	-121.31	-33.33	0	0	-120	-35	4.38	3.25	2.75	2.32	1.83	1.3	0.78
D	6	603.8	-31.73	134.73	475009.64	6489113.7	285.12	232.22	124.65	120	160.46	54375.2	-0.04	1.75	-1.25	-121.25	-33.09	0	0	-120	-35	4.37	3.24	2.76	2.34	1.86	1.33	0.81
D	6	604	-31.73	134.73	475009.17	6489100.03	284.9	232	125.03	120	159.88	54378.73	-0.03	1.79	-1.24	-121.24	-32.92	0	0	-120	-35	4.36	3.25	2.78	2.36	1.89	1.36	0.83
D	6	604.2	-31.73	134.73	475008.71	6489086.36	284.69	231.78	125.48	120	159.22	54382.1	-0.01	1.84	-1.26	-121.25	-32.81	0	0	-120	-35	4.37	3.26	2.8	2.38	1.91	1.39	0.86
D	6	604.4	-31.73	134.73	475008.26	6489072.69	284.48	231.55	125.98	120	158.5	54385.3	-0.01	1.87	-1.35	-121.23	-32.74	0	0	-120	-35	4.37	3.28	2.82	2.4	1.94	1.41	0.88
D	6	604.6	-31.73	134.73	475007.83	6489059.01	284.27	231.32	126.52	120	157.75	54388.36	0	1.9	-1.51	-121.24	-32.7	0	0	-120	-35	4.38	3.29	2.84	2.42	1.96	1.43	0.9
D	6	604.8	-31.73	134.73	475007.42	6489045.32	284.06	231.09	127.07	120	157	54391.29	0.01	1.9	-1.68	-121.25	-32.75	0	0	-120	-35	4.38	3.3	2.85	2.43	1.97	1.45	0.91
D	6	605	-31.73	134.73	475007.03	6489031.64	283.85	230.86	127.58	120	156.27	54394.05	0.01	1.83	-1.8	-121.24	-32.77	0	0	-120	-35	4.37	3.3	2.85	2.43	1.97	1.45	0.91
D	6	605.2	-31.73	134.73	475006.66	6489017.94	283.65	230.61	128.06	120	155.59	54396.64	0.01	1.71	-1.82	-121.25	-32.86	0	0	-120	-35	4.36	3.3	2.84	2.43	1.97	1.45	0.91
D	6	605.4	-31.73	134.73	475006.31	6489004.25	283.44	230.36	128.48	120	154.96	54399.06	0.02	1.57	-1.78	-121.23	-32.98	0	0	-120	-35	4.34	3.29	2.84	2.42	1.96	1.44	0.91
D	6	605.6	-31.73	134.73	475005.98	6488990.55	283.22	230.12	128.84	120	154.38	54401.32	0.02	1.44	-1.71	-121.21	-33.1	0	0	-120	-35	4.32	3.28	2.83	2.41	1.95	1.42	0.9
D	6	605.8	-31.73	134.73	475005.67	6488976.84	282.98	229.91	129.15	120	153.83	54403.43	0.02	1.31	-1.6	-121.17	-33.24	0	0	-120	-35	4.3	3.27	2.82	2.4	1.93	1.41	0.89
D	6	606	-31.73	134.73	475005.38	6488963.12	282.72	229.71	129.44	120	153.28	54405.42	0.02	1.14	-1.47	-121.15	-33.4	0	0	-120	-35	4.28	3.26	2.81	2.4	1.92	1.4	0.88
D	6	606.2	-31.73	134.73	475005.11	6488949.4	282.43	229.52	129.69	120	152.75	54407.32	0.02	0.91	-1.3	-121.15	-33.5	0	0	-120	-35	4.26	3.26	2.81	2.39	1.91	1.39	0.87
D	6	606.4	-31.73	134.73	475004.85	6488935.68	282.12	229.28	129.94	120	152.18	54409.12	0.02	0.66	-1.14	-121.13	-33.56	0	0	-120	-35	4.23	3.25	2.8	2.39	1.9	1.38	0.87
D	6	606.6	-31.73	134.73	475004.62	6488921.94	281.78	228.99	130.18	120	151.6	54410.8	0.01	0.42	-1	-121.13	-33.61	0	0	-120	-35	4.21	3.25	2.8	2.38	1.89	1.37	0.86
D	6	606.8	-31.73	134.73	475004.4	6488908.19	281.4	228.62	130.39	120	151.01	54412.39	0.01	0.23	-0.93	-121.17	-33.63	0	0	-120	-35	4.17	3.24	2.79	2.37	1.89	1.36	0.86
D	6	607	-31.73	134.73	475004.19	6488894.44	281	228.17	130.59	120	150.41	54413.91	0.01	0.1	-0.94	-121.18	-33.57	0	0	-120	-35	4.14	3.23	2.78	2.37	1.88	1.35	0.86
D	6	607.2	-31.73	134.73	475004	6488880.67	280.56	227.66	130.73	120	149.83	54415.41	0.01	0.05	-0.99	-121.24	-33.48	0	0	-120	-35	4.1	3.21	2.77	2.36	1.87	1.35	0.86
D	6	607.4	-31.73	134.73	475003.82	6488866.89	280.09	227.12	130.82	120	149.27	54416.9	0.01	0.07	-1.02	-121.31	-33.32	0	0	-120	-35	4.07	3.2	2.75	2.35	1.87	1.35	0.86
D	6	607.6	-31.73	134.73	475003.65	6488853.1	279.6	226.55	130.87	120	148.73	54418.38	0.01	0.13	-1	-121.37	-33.13	0	0	-120	-35	4.04	3.19	2.74	2.34	1.86	1.34	0.86
D	6	607.8	-31.73	134.73	475003.51	6488839.3	279.11	225.99	130.9	120	148.22	54419.86	0.01	0.23	-0.95	-121.45	-32.92	0	0	-120	-35	4.02	3.18	2.74	2.34	1.86	1.34	0.86
D	6	608	-31.73	134.73	475003.37	6488825.48	278.64	225.44	130.9	120	147.73	54421.33	0.01	0.37	-0.9	-121.55	-32.7	0	0	-120	-35	4.01	3.17	2.74	2.34	1.86	1.34	0.86
D	6	608.2	-31.73	134.73	475003.26	6488811.66	278.18	224.92	130.9	120	147.27	54422.8	0.01	0.51	-0.84	-121.62	-32.46	0	0	-120	-35	4.01	3.17	2.74	2.34	1.86	1.35	0.87
D	6	608.4	-31.73	134.73	475003.16	6488797.82	277.73	224.41	130.9	120	146.83	54424.25	0.02	0.66	-0.77	-121.71	-32.25	0	0	-120	-35	4.01	3.18	2.75	2.34	1.86	1.35	0.87
D	6	608.6	-31.73	134.73	475003.07	6488783.97	277.3	223.91	130.88	120	146.42	54425.67	0.02	0.78	-0.72	-121.78	-32.07	0	0	-120	-35	4.02	3.18	2.76	2.35	1.86	1.35	0.87
D	6	608.8	-31.73	134.73	475003	6488770.11	276.88	223.46	130.89	120	145.99	54427.09	0.03	0.86	-0.64	-121.84	-31.9	0	0	-120	-35	4.03	3.19	2.77	2.35	1.86	1.34	0.86
D	6	609	-31.73	134.73	475002.96	6488756.25	276.47	223.05	130.9	120	145.57	54428.51	0.03	0.87	-0.55	-121.89	-31.8	0	0	-120	-35	4.05	3.21	2.78	2.36	1.86	1.34	0.86
D	6	609.2	-31.73	134.73	475002.93	6488742.37	276.08	222.72	130.92	120	145.15	54429.88	0.04	0.83	-0.51	-121.91	-31.73	0	0	-120	-35	4.06	3.23	2.79	2.36	1.86	1.34	0.86
D	6	609.4	-31.73	134.73	475002.92	6488728.49	275.69	222.43	130.95	120	144.75	54431.12	0.04	0.73	-0.56	-121.91	-31.68	0	0	-120	-35	4.08	3.25	2.8	2.37	1.86	1.34	0.85
D	6	609.6	-31.73	134.73	475002.92	6488714.6	275.31	222.14	130.95	120	144.36	54432.2	0.05	0.6	-0.54	-121.9	-31.63	0	0	-120	-35	4.11	3.27	2.82	2.38	1.86	1.33	0.85
D	6	609.8	-31.73	134.73	475002.94	6488700.7	274.94	221.85	130.93	120	144.01	54433.16	0.05	0.52	-0.46	-121.9	-31.64	0	0	-120	-35	4.13	3.29	2.83	2.39	1.87	1.33	0.84
D	6	610	-31.73	134.73	475002.97	6488686.8	274.55	221.52	130.84	120	143.71	54433.99	0.05	0.47	-0.38	-121.9	-31.6	0	0	-120	-35	4.15	3.31	2.85	2.4	1.87	1.33	0.84
D	6	610.2	-31.73	134.73	475003	6488672.88	274.16	221.17	130.69	120	143.47	54434.67	0.05	0.43	-0.28	-121.87	-31.59	0	0	-120	-35	4.17	3.32	2.86	2.4	1.88	1.33	0.84
D	6	610.4	-31.73	134.73	475003.04	6488658.95	273.76	220.82	130.44	120	143.33	54435.17	0.05	0.4	-0.17	-121.85	-31.57	0	0	-120	-35	4.19	3.33	2.87	2.41	1.88	1.34	0.84
D	6	610.6	-31.73	134.73	475003.09	6488645.01	273.36	220.45	130.09	120	143.27	54435.49	0.04	0.4	-0.06	-121.84	-31.55	0	0	-120	-35	4.2	3.34	2.88	2.42	1.89	1.34	0.84
D	6	610.8	-31.73	134.73	475003.14	6488631.06	272.96	220.07	129.67	120	143.29	54435.6	0.04	0.41	0.03	-121.78	-31.51	0	0	-120	-35	4.21	3.35	2.89	2.43	1.9	1.35	0.85
D	6	611	-31.73	134.73	475003.19	6488617.1	272.56	219.67	129.16	120	143.41	54435.52	0.03	0.44	0.16	-121.73	-31.47	0	0	-120	-35	4.21	3.36	2.91	2.45	1.92	1.37	0.86
D	6	611.2	-31.73																									

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	618.8	-31.74	134.73	475004.79	6488068.59	263.84	210.64	116.38	120	147.47	54464.29	0.02	1.85	0.11	-121.2	-32.53	0	0	-120	-35	5.28	4.27	3.81	3.36	2.83	2.21	1.53
D	6	619	-31.74	134.73	475004.75	6488054.49	263.84	210.6	115.77	120	148.07	54465.97	0.03	1.89	0.05	-121.18	-32.58	0	0	-120	-35	5.32	4.29	3.83	3.37	2.85	2.23	1.54
D	6	619.2	-31.74	134.73	475004.71	6488040.39	263.85	210.6	115.07	120	148.78	54467.52	0.03	1.95	0.03	-121.14	-32.65	0	0	-120	-35	5.35	4.31	3.84	3.39	2.87	2.25	1.56
D	6	619.4	-31.74	134.73	475004.66	6488026.29	263.88	210.64	114.3	120	149.59	54468.91	0.04	1.99	0.05	-121.11	-32.71	0	0	-120	-35	5.39	4.32	3.85	3.4	2.88	2.26	1.58
D	6	619.6	-31.74	134.73	475004.61	6488012.2	263.93	210.71	113.57	120	150.35	54470.08	0.04	2.03	0.08	-121.07	-32.82	0	0	-120	-35	5.42	4.34	3.86	3.41	2.89	2.28	1.6
D	6	619.8	-31.74	134.73	475004.56	6487998.11	263.97	210.81	113.08	120	150.9	54471.03	0.04	2.07	0.05	-121.02	-32.9	0	0	-120	-35	5.44	4.35	3.86	3.42	2.9	2.3	1.62
D	6	620	-31.74	134.73	475004.5	6487984.03	264.02	210.93	112.94	120	151.09	54471.77	0.03	2.11	0.02	-120.99	-33	0	0	-120	-35	5.47	4.35	3.87	3.42	2.91	2.31	1.64
D	6	620.2	-31.74	134.73	475004.43	6487969.94	264.07	211.04	113.26	120	150.81	54472.33	0.03	2.11	0.02	-120.96	-33.09	0	0	-120	-35	5.49	4.36	3.87	3.43	2.92	2.33	1.65
D	6	620.4	-31.74	134.73	475004.35	6487955.86	264.12	211.16	113.98	120	150.14	54472.76	0.02	2.1	0.05	-120.91	-33.15	0	0	-120	-35	5.51	4.36	3.87	3.43	2.93	2.34	1.67
D	6	620.6	-31.74	134.73	475004.27	6487941.79	264.17	211.24	114.9	120	149.27	54473.07	0.01	2.07	0.14	-120.89	-33.24	0	0	-120	-35	5.52	4.36	3.87	3.43	2.93	2.35	1.68
D	6	620.8	-31.74	134.73	475004.18	6487927.71	264.22	211.28	115.79	120	148.43	54473.31	0.01	2.06	0.27	-120.86	-33.28	0	0	-120	-35	5.52	4.36	3.87	3.42	2.94	2.36	1.69
D	6	621	-31.74	134.73	475004.07	6487913.64	264.29	211.27	116.42	120	147.87	54473.52	0	2.09	0.39	-120.84	-33.36	0	0	-120	-35	5.52	4.35	3.86	3.42	2.94	2.36	1.7
D	6	621.2	-31.74	134.73	475003.96	6487899.58	264.36	211.26	116.71	120	147.65	54473.77	-0.01	2.18	0.53	-120.84	-33.37	0	0	-120	-35	5.51	4.34	3.85	3.41	2.93	2.37	1.71
D	6	621.4	-31.74	134.73	475003.83	6487885.52	264.44	211.26	116.74	120	147.7	54474.08	-0.02	2.3	0.67	-120.81	-33.4	0	0	-120	-35	5.49	4.33	3.84	3.4	2.93	2.37	1.71
D	6	621.6	-31.74	134.73	475003.7	6487871.46	264.52	211.31	116.66	120	147.86	54474.47	-0.02	2.38	0.79	-120.79	-33.42	0	0	-120	-35	5.47	4.32	3.83	3.4	2.93	2.37	1.71
D	6	621.8	-31.74	134.73	475003.55	6487857.41	264.61	211.37	116.67	120	147.94	54474.92	-0.03	2.4	0.77	-120.77	-33.45	0	0	-120	-35	5.45	4.31	3.82	3.39	2.93	2.36	1.71
D	6	622	-31.74	134.73	475003.41	6487843.36	264.71	211.43	116.9	120	147.81	54475.43	-0.03	2.4	0.64	-120.77	-33.5	0	0	-120	-35	5.43	4.31	3.82	3.39	2.92	2.36	1.71
D	6	622.2	-31.74	134.73	475003.25	6487829.32	264.81	211.49	117.39	120	147.42	54475.98	-0.04	2.38	0.4	-120.73	-33.53	0	0	-120	-35	5.4	4.3	3.81	3.38	2.92	2.36	1.71
D	6	622.4	-31.74	134.73	475003.09	6487815.29	264.92	211.55	118.08	120	146.84	54476.6	-0.04	2.36	0.07	-120.71	-33.55	0	0	-120	-35	5.38	4.29	3.8	3.38	2.91	2.35	1.7
D	6	622.6	-31.74	134.73	475002.93	6487801.26	265.02	211.64	118.83	120	146.19	54477.33	-0.04	2.34	-0.3	-120.67	-33.54	0	0	-120	-35	5.35	4.28	3.79	3.37	2.9	2.34	1.69
D	6	622.8	-31.74	134.73	475002.77	6487787.24	265.13	211.77	119.51	120	145.61	54478.16	-0.04	2.31	-0.59	-120.66	-33.55	0	0	-120	-35	5.33	4.26	3.78	3.36	2.89	2.33	1.68
D	6	623	-31.74	134.73	475002.61	6487773.22	265.22	211.92	120.03	120	145.19	54479.05	-0.04	2.28	-0.79	-120.64	-33.57	0	0	-120	-35	5.31	4.25	3.77	3.35	2.88	2.32	1.67
D	6	623.2	-31.74	134.73	475002.46	6487759.21	265.3	212.04	120.33	120	144.98	54479.99	-0.04	2.22	-0.85	-120.64	-33.56	0	0	-120	-35	5.28	4.23	3.75	3.34	2.87	2.3	1.66
D	6	623.4	-31.74	134.73	475002.31	6487745.21	265.37	212.14	120.37	120	145.01	54480.97	-0.04	2.15	-0.78	-120.62	-33.53	0	0	-120	-35	5.26	4.21	3.74	3.32	2.85	2.28	1.64
D	6	623.6	-31.74	134.73	475002.17	6487731.21	265.43	212.21	120.14	120	145.29	54482.02	-0.04	2.09	-0.65	-120.62	-33.52	0	0	-120	-35	5.24	4.19	3.72	3.3	2.83	2.27	1.62
D	6	623.8	-31.74	134.73	475002.04	6487717.21	265.48	212.25	119.61	120	145.87	54483.17	-0.04	2.05	-0.52	-120.62	-33.47	0	0	-120	-35	5.21	4.17	3.71	3.29	2.81	2.25	1.6
D	6	624	-31.74	134.73	475001.9	6487703.23	265.53	212.31	118.81	120	146.72	54484.46	-0.04	2.03	-0.44	-120.62	-33.41	0	0	-120	-35	5.19	4.15	3.7	3.28	2.8	2.23	1.58
D	6	624.2	-31.74	134.73	475001.77	6487689.24	265.56	212.35	117.79	120	147.78	54485.89	-0.04	2.02	-0.37	-120.65	-33.38	0	0	-120	-35	5.16	4.14	3.69	3.27	2.78	2.21	1.56
D	6	624.4	-31.74	134.73	475001.64	6487675.26	265.59	212.36	116.7	120	148.89	54487.45	-0.03	2.01	-0.27	-120.65	-33.33	0	0	-120	-35	5.14	4.13	3.69	3.26	2.77	2.19	1.54
D	6	624.6	-31.74	134.73	475001.51	6487661.29	265.62	212.37	115.77	120	149.85	54489.13	-0.02	2	-0.17	-120.65	-33.27	0	0	-120	-35	5.12	4.13	3.68	3.26	2.76	2.18	1.52
D	6	624.8	-31.74	134.73	475001.38	6487647.32	265.63	212.38	115.19	120	150.44	54490.91	-0.01	1.97	-0.09	-120.69	-33.22	0	0	-120	-35	5.11	4.13	3.69	3.26	2.76	2.16	1.5
D	6	625	-31.74	134.73	475001.25	6487633.36	265.65	212.41	115.14	120	150.51	54492.8	-0.01	1.94	-0.01	-120.72	-33.19	0	0	-120	-35	5.1	4.14	3.69	3.27	2.75	2.14	1.48
D	6	625.2	-31.74	134.73	475001.12	6487619.4	265.66	212.47	115.59	120	150.07	54494.78	0.01	1.92	-0.01	-120.74	-33.11	0	0	-120	-35	5.1	4.15	3.7	3.27	2.74	2.12	1.45
D	6	625.4	-31.74	134.73	475000.99	6487605.44	265.67	212.53	116.42	120	149.25	54496.81	0.02	1.9	-0.06	-120.76	-33.07	0	0	-120	-35	5.11	4.16	3.71	3.27	2.73	2.1	1.42
D	6	625.6	-31.74	134.73	475000.86	6487591.48	265.68	212.56	117.44	120	148.24	54498.84	0.03	1.9	-0.13	-120.79	-33.03	0	0	-120	-35	5.12	4.18	3.72	3.28	2.72	2.08	1.39
D	6	625.8	-31.74	134.73	475000.73	6487577.53	265.69	212.58	118.47	120	147.22	54500.8	0.04	1.93	-0.19	-120.82	-32.98	0	0	-120	-35	5.14	4.2	3.72	3.28	2.7	2.04	1.35
D	6	626	-31.74	134.73	475000.6	6487563.58	265.71	212.59	119.44	120	146.27	54502.64	0.06	1.97	-0.26	-120.85	-32.92	0	0	-120	-35	5.15	4.21	3.73	3.27	2.68	2.01	1.31
D	6	626.2	-31.74	134.73	475000.46	6487549.64	265.73	212.6	120.29	120	145.43	54504.36	0.07	2.01	-0.34	-120.87	-32.88	0	0	-120	-35	5.15	4.21	3.73	3.26	2.66	1.97	1.26
D	6	626.4	-31.74	134.73	475000.33	6487535.7	265.74	212.63	121.06	120	144.69	54505.91	0.07	2.03	-0.42	-120.91	-32.85	0	0	-120	-35	5.15	4.21	3.72	3.24	2.63	1.92	1.22
D	6	626.6	-31.74	134.73	475000.19	6487521.76	265.76	212.67	121.74	120	144.02	54507.28	0.08	2.04	-0.53	-120.94	-32.83	0	0	-120	-35	5.13	4.2	3.71	3.22	2.6	1.88	1.17
D	6	626.8	-31.74	134.73	475000.05	6487507.82	265.78	212.71	122.36	120	143.42	54508.43	0.08	2.04	-0.6	-120.95	-32.83	0	0	-120	-35	5.11	4.19	3.7	3.2	2.57	1.84	1.12
D	6	627	-31.74	134.73	474999.91	6487493.89	265.8	212.74	122.95	120	142.85	54509.35	0.09	2	-0.63	-120.95	-32.83	0	0	-120	-35	5.08	4.17	3.69	3.17	2.53	1.79	1.08
D	6	627.2	-31.74	134.73	474999.77	6487479.96	265.82	212.8	123.48	120	142.34	54510.06	0.08	1.92	-0.71	-120.93	-32.84	0	0	-120	-35	5.04	4.16	3.67	3.15	2.5	1.76	1.05
D	6	627.4	-31.74	134.73	474999.63	6487466.03	265.84	212.87	123.98	120	141.85	54510.56	0.08	1.8	-0.83	-120.89	-32.87	0	0	-120	-35	5.01	4.14	3.66	3.13	2.47	1.72	1.02

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	635.2	-31.75	134.73	474996.67	6486920.75	257.58	204.24	113.05	120	144.53	54513.05	0.09	2	0.52	-120.57	-34.13	0	0	-120	-35	6.73	5.84	5.17	4.43	3.49	2.45	1.47
D	6	635.4	-31.75	134.73	474996.57	6486906.77	257.62	204.27	112.84	120	144.78	54511	0.09	2.01	0.48	-120.46	-34.29	0	0	-120	-35	6.77	5.9	5.24	4.51	3.58	2.54	1.55
D	6	635.6	-31.75	134.73	474996.47	6486892.8	257.68	204.33	112.77	120	144.92	54508.68	0.08	2	0.34	-120.4	-34.4	0	0	-120	-35	6.81	5.94	5.3	4.58	3.65	2.62	1.61
D	6	635.8	-31.75	134.73	474996.36	6486878.82	257.75	204.42	112.95	120	144.8	54506.15	0.06	2	0.17	-120.34	-34.51	0	0	-120	-35	6.83	5.98	5.34	4.63	3.71	2.68	1.66
D	6	636	-31.75	134.73	474996.25	6486864.86	257.82	204.52	113.42	120	144.4	54503.41	0.04	1.99	0.02	-120.27	-34.57	0	0	-120	-35	6.85	5.99	5.37	4.67	3.75	2.72	1.69
D	6	636.2	-31.75	134.73	474996.13	6486850.89	257.9	204.6	114.15	120	143.75	54500.43	0.02	1.98	-0.06	-120.23	-34.61	0	0	-120	-35	6.84	5.99	5.37	4.68	3.77	2.74	1.72
D	6	636.4	-31.75	134.73	474996	6486836.94	257.98	204.68	115.01	120	142.97	54497.21	0	1.97	-0.05	-120.23	-34.61	0	0	-120	-35	6.81	5.97	5.37	4.67	3.78	2.75	1.72
D	6	636.6	-31.75	134.73	474995.87	6486822.98	258.06	204.77	115.88	120	142.18	54493.76	-0.02	1.96	-0.01	-120.21	-34.58	0	0	-120	-35	6.77	5.93	5.34	4.65	3.76	2.74	1.72
D	6	636.8	-31.75	134.73	474995.73	6486809.03	258.14	204.86	116.67	120	141.48	54490.21	-0.04	1.96	0.02	-120.21	-34.53	0	0	-120	-35	6.72	5.89	5.31	4.63	3.74	2.73	1.72
D	6	637	-31.75	134.73	474995.59	6486795.09	258.23	204.96	117.34	120	140.89	54486.66	-0.07	1.96	0.04	-120.22	-34.42	0	0	-120	-35	6.67	5.85	5.28	4.6	3.72	2.71	1.71
D	6	637.2	-31.75	134.73	474995.44	6486781.14	258.32	205.05	117.91	120	140.41	54483.18	-0.1	1.97	0.02	-120.24	-34.35	0	0	-120	-35	6.62	5.81	5.26	4.58	3.71	2.7	1.71
D	6	637.4	-31.75	134.73	474995.28	6486767.2	258.41	205.11	118.4	120	140.01	54479.82	-0.13	1.97	-0.01	-120.27	-34.22	0	0	-120	-35	6.58	5.78	5.23	4.56	3.7	2.7	1.71
D	6	637.6	-31.75	134.73	474995.12	6486753.27	258.5	205.16	118.8	120	139.7	54476.6	-0.15	1.97	-0.1	-120.31	-34.12	0	0	-120	-35	6.56	5.76	5.22	4.55	3.7	2.7	1.71
D	6	637.8	-31.75	134.73	474994.96	6486739.34	258.59	205.2	119.11	120	139.48	54473.55	-0.18	1.95	-0.2	-120.36	-34.01	0	0	-120	-35	6.54	5.74	5.22	4.55	3.7	2.71	1.71
D	6	638	-31.75	134.73	474994.8	6486725.41	258.69	205.25	119.32	120	139.37	54470.73	-0.19	1.94	-0.29	-120.43	-33.88	0	0	-120	-35	6.52	5.74	5.21	4.56	3.71	2.72	1.72
D	6	638.2	-31.75	134.73	474994.64	6486711.49	258.78	205.32	119.42	120	139.36	54468.17	-0.21	1.92	-0.36	-120.48	-33.76	0	0	-120	-35	6.51	5.73	5.21	4.56	3.72	2.73	1.73
D	6	638.4	-31.75	134.73	474994.48	6486697.57	258.87	205.41	119.41	120	139.47	54465.88	-0.23	1.89	-0.41	-120.53	-33.64	0	0	-120	-35	6.49	5.72	5.2	4.56	3.72	2.73	1.73
D	6	638.6	-31.75	134.73	474994.32	6486683.66	258.96	205.52	119.28	120	139.67	54463.81	-0.24	1.87	-0.47	-120.57	-33.53	0	0	-120	-35	6.48	5.71	5.19	4.54	3.71	2.72	1.72
D	6	638.8	-31.75	134.73	474994.16	6486669.75	259.04	205.65	119.05	120	139.99	54462.13	-0.25	1.82	-0.54	-120.62	-33.4	0	0	-120	-35	6.46	5.69	5.18	4.53	3.69	2.7	1.7
D	6	639	-31.75	134.73	474994.01	6486655.84	259.1	205.79	118.69	120	140.41	54460.65	-0.26	1.73	-0.58	-120.68	-33.27	0	0	-120	-35	6.45	5.68	5.16	4.51	3.66	2.67	1.67
D	6	639.2	-31.75	134.73	474993.86	6486641.94	259.15	205.92	118.23	120	140.93	54459.41	-0.27	1.6	-0.59	-120.71	-33.16	0	0	-120	-35	6.44	5.68	5.15	4.48	3.63	2.64	1.64
D	6	639.4	-31.75	134.73	474993.71	6486628.04	259.19	206.04	117.64	120	141.54	54458.44	-0.27	1.46	-0.56	-120.75	-33.05	0	0	-120	-35	6.45	5.68	5.14	4.46	3.6	2.59	1.6
D	6	639.6	-31.75	134.73	474993.56	6486614.14	259.21	206.12	116.95	120	142.26	54457.75	-0.28	1.34	-0.54	-120.8	-32.91	0	0	-120	-35	6.47	5.7	5.14	4.45	3.57	2.55	1.55
D	6	639.8	-31.75	134.73	474993.41	6486600.24	259.21	206.15	116.14	120	143.07	54457.36	-0.28	1.25	-0.5	-120.85	-32.78	0	0	-120	-35	6.49	5.72	5.15	4.44	3.54	2.51	1.51
D	6	640	-31.75	134.73	474993.26	6486586.35	259.19	206.13	115.24	120	143.95	54457.26	-0.28	1.2	-0.47	-120.91	-32.65	0	0	-120	-35	6.53	5.75	5.16	4.44	3.51	2.47	1.47
D	6	640.2	-31.75	134.73	474993.11	6486572.46	259.15	206.05	114.35	120	144.8	54457.41	-0.28	1.19	-0.47	-120.98	-32.51	0	0	-120	-35	6.57	5.78	5.17	4.44	3.5	2.44	1.43
D	6	640.4	-31.75	134.73	474992.96	6486558.56	259.09	205.94	113.57	120	145.52	54457.81	-0.28	1.2	-0.5	-121.05	-32.41	0	0	-120	-35	6.62	5.82	5.2	4.45	3.48	2.41	1.4
D	6	640.6	-31.75	134.73	474992.82	6486544.67	259.02	205.8	113.02	120	146	54458.49	-0.28	1.23	-0.52	-121.11	-32.27	0	0	-120	-35	6.67	5.85	5.22	4.46	3.48	2.39	1.37
D	6	640.8	-31.75	134.73	474992.67	6486530.78	258.93	205.64	112.74	120	146.2	54459.46	-0.27	1.26	-0.56	-121.17	-32.13	0	0	-120	-35	6.72	5.9	5.26	4.48	3.48	2.38	1.35
D	6	641	-31.75	134.73	474992.53	6486516.89	258.85	205.46	112.7	120	146.15	54460.73	-0.27	1.29	-0.63	-121.24	-32.04	0	0	-120	-35	6.78	5.95	5.29	4.51	3.5	2.37	1.33
D	6	641.2	-31.75	134.73	474992.39	6486503	258.77	205.3	112.85	120	145.92	54462.32	-0.26	1.31	-0.74	-121.28	-31.98	0	0	-120	-35	6.85	6	5.34	4.54	3.51	2.37	1.32
D	6	641.4	-31.75	134.73	474992.26	6486489.11	258.68	205.13	113.08	120	145.6	54464.22	-0.25	1.31	-0.88	-121.32	-31.92	0	0	-120	-35	6.92	6.06	5.38	4.58	3.53	2.38	1.32
D	6	641.6	-31.75	134.73	474992.13	6486475.22	258.6	204.98	113.33	120	145.27	54466.41	-0.23	1.33	-1.06	-121.34	-31.88	0	0	-120	-35	6.99	6.12	5.43	4.61	3.55	2.38	1.31
D	6	641.8	-31.75	134.73	474992.02	6486461.33	258.51	204.84	113.53	120	144.98	54468.8	-0.22	1.35	-1.27	-121.33	-31.82	0	0	-120	-35	7.07	6.18	5.47	4.65	3.56	2.38	1.3
D	6	642	-31.75	134.73	474991.93	6486447.44	258.43	204.7	113.64	120	144.79	54471.31	-0.2	1.35	-1.53	-121.33	-31.81	0	0	-120	-35	7.15	6.25	5.52	4.67	3.57	2.37	1.3
D	6	642.2	-31.75	134.73	474991.86	6486433.56	258.34	204.58	113.62	120	144.72	54473.89	-0.18	1.37	-1.81	-121.34	-31.83	0	0	-120	-35	7.22	6.3	5.56	4.7	3.57	2.37	1.29
D	6	642.4	-31.75	134.73	474991.81	6486419.68	258.25	204.48	113.44	120	144.82	54476.61	-0.17	1.37	-2.1	-121.34	-31.83	0	0	-120	-35	7.29	6.35	5.59	4.71	3.57	2.35	1.27
D	6	642.6	-31.75	134.73	474991.78	6486405.8	258.16	204.4	113.07	120	145.09	54479.46	-0.15	1.37	-2.39	-121.31	-31.84	0	0	-120	-35	7.35	6.39	5.61	4.71	3.56	2.33	1.26
D	6	642.8	-31.75	134.73	474991.77	6486391.92	258.07	204.32	112.54	120	145.52	54482.44	-0.13	1.36	-2.62	-121.3	-31.84	0	0	-120	-35	7.4	6.43	5.63	4.71	3.54	2.31	1.24
D	6	643	-31.75	134.73	474991.78	6486378.05	257.97	204.24	111.88	120	146.09	54485.46	-0.12	1.34	-2.77	-121.27	-31.86	0	0	-120	-35	7.45	6.46	5.65	4.71	3.52	2.28	1.22
D	6	643.2	-31.75	134.73	474991.83	6486364.18	257.86	204.15	111.17	120	146.69	54488.47	-0.1	1.33	-2.85	-121.27	-31.87	0	0	-120	-35	7.51	6.49	5.67	4.7	3.5	2.25	1.2
D	6	643.4	-31.75	134.73	474991.89	6486350.32	257.75	204.02	110.52	120	147.23	54491.47	-0.08	1.32	-2.91	-121.24	-31.89	0	0	-120	-35	7.57	6.52	5.68	4.69	3.47	2.22	1.17
D	6	643.6	-31.75	134.73	474991.99	6486336.46	257.63	203.9	110.06	120	147.57	54494.46	-0.07	1.31	-2.94	-121.21	-31.92	0	0	-120	-35	7.64	6.55	5.69	4.68	3.44	2.19	1.15
D	6	643.8	-31.75	134.73	474992.11	6486322.6	257.51	203.77	109.92	120	147.59	54497.41	-0.05	1.33	-2.95	-121.2	-31.94	0	0	-120	-35	7.72	6.58	5.71	4.67	3.41	2.16	1.13
D	6	644</																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	651.6	-31.76	134.73	475002.95	6485785.46	257.33	204.11	108.09	120	149.24	54545.83	-0.07	2.93	-0.12	-120.7	-34.01	0	0	-120	-35	9.03	7.67	6.68	5.52	4.05	2.52	1.22
D	6	651.8	-31.76	134.73	475003.12	6485771.77	257.53	204.34	107.97	120	149.56	54547.2	-0.07	2.91	-0.19	-120.63	-34.19	0	0	-120	-35	8.97	7.56	6.55	5.36	3.89	2.38	1.13
D	6	652	-31.76	134.73	475003.28	6485758.1	257.72	204.59	107.71	120	150.01	54548.7	-0.07	2.81	-0.17	-120.59	-34.34	0	0	-120	-35	8.9	7.44	6.39	5.19	3.72	2.23	1.03
D	6	652.2	-31.76	134.73	475003.44	6485744.43	257.92	204.81	107.29	120	150.63	54550.3	-0.06	2.7	-0.08	-120.5	-34.48	0	0	-120	-35	8.81	7.29	6.21	4.99	3.52	2.07	0.93
D	6	652.4	-31.76	134.73	475003.6	6485730.77	258.12	205.01	106.73	120	151.39	54551.98	-0.06	2.62	0.02	-120.42	-34.62	0	0	-120	-35	8.7	7.11	6	4.76	3.31	1.9	0.84
D	6	652.6	-31.76	134.73	475003.74	6485717.12	258.31	205.18	106.04	120	152.27	54553.75	-0.05	2.6	0.05	-120.34	-34.7	0	0	-120	-35	8.58	6.89	5.77	4.51	3.08	1.73	0.75
D	6	652.8	-31.76	134.73	475003.88	6485703.47	258.51	205.36	105.3	120	153.21	54555.6	-0.05	2.68	0.02	-120.29	-34.79	0	0	-120	-35	8.43	6.65	5.5	4.24	2.84	1.57	0.67
D	6	653	-31.76	134.73	475004.02	6485689.83	258.72	205.56	104.59	120	154.13	54557.51	-0.04	2.8	-0.01	-120.23	-34.85	0	0	-120	-35	8.25	6.38	5.21	3.96	2.6	1.41	0.6
D	6	653.2	-31.76	134.73	475004.14	6485676.2	258.93	205.78	104.02	120	154.91	54559.51	-0.03	2.88	-0.07	-120.17	-34.9	0	0	-120	-35	8.05	6.09	4.9	3.66	2.36	1.26	0.53
D	6	653.4	-31.76	134.73	475004.26	6485662.57	259.14	206.02	103.69	120	155.45	54561.58	-0.02	2.9	-0.15	-120.14	-34.93	0	0	-120	-35	7.84	5.78	4.58	3.37	2.14	1.13	0.48
D	6	653.6	-31.76	134.73	475004.37	6485648.95	259.35	206.25	103.68	120	155.68	54563.67	-0.02	2.87	-0.17	-120.12	-34.94	0	0	-120	-35	7.61	5.47	4.27	3.09	1.93	1.01	0.44
D	6	653.8	-31.76	134.73	475004.47	6485635.34	259.56	206.47	104	120	155.56	54565.71	-0.01	2.8	-0.15	-120.09	-34.96	0	0	-120	-35	7.37	5.16	3.96	2.83	1.75	0.92	0.41
D	6	654	-31.76	134.73	475004.57	6485621.73	259.76	206.67	104.58	120	155.18	54567.69	-0.01	2.71	-0.17	-120.07	-34.97	0	0	-120	-35	7.13	4.86	3.67	2.59	1.58	0.83	0.38
D	6	654.2	-31.76	134.73	475004.66	6485608.13	259.95	206.86	105.31	120	154.64	54569.66	0	2.65	-0.22	-120.06	-34.97	0	0	-120	-35	6.9	4.58	3.4	2.37	1.44	0.76	0.36
D	6	654.4	-31.76	134.73	475004.75	6485594.54	260.13	207.06	106.01	120	154.12	54571.68	0.01	2.62	-0.26	-120.05	-34.96	0	0	-120	-35	6.67	4.31	3.15	2.18	1.31	0.7	0.34
D	6	654.6	-31.76	134.73	475004.83	6485580.95	260.3	207.27	106.51	120	153.8	54573.73	0.01	2.59	-0.31	-120.04	-34.91	0	0	-120	-35	6.45	4.05	2.92	1.99	1.19	0.64	0.31
D	6	654.8	-31.76	134.73	475004.9	6485567.36	260.47	207.49	106.75	120	153.72	54575.78	0.02	2.56	-0.32	-120.05	-34.88	0	0	-120	-35	6.21	3.8	2.69	1.82	1.08	0.58	0.29
D	6	655	-31.76	134.73	475004.97	6485553.78	260.62	207.7	106.82	120	153.8	54577.8	0.03	2.49	-0.24	-120.06	-34.86	0	0	-120	-35	5.96	3.54	2.47	1.65	0.97	0.53	0.27
D	6	655.2	-31.76	134.73	475005.03	6485540.21	260.75	207.89	106.92	120	153.83	54579.84	0.04	2.41	-0.1	-120.07	-34.78	0	0	-120	-35	5.69	3.28	2.24	1.48	0.87	0.47	0.24
D	6	655.4	-31.76	134.73	475005.08	6485526.63	260.88	208.05	107.26	120	153.63	54581.87	0.05	2.32	0.04	-120.1	-34.69	0	0	-120	-35	5.4	3	2.01	1.31	0.76	0.41	0.21
D	6	655.6	-31.76	134.73	475005.12	6485513.06	261	208.18	107.87	120	153.13	54583.85	0.06	2.25	0.16	-120.13	-34.6	0	0	-120	-35	5.09	2.71	1.78	1.14	0.66	0.36	0.18
D	6	655.8	-31.76	134.73	475005.15	6485499.5	261.1	208.31	108.66	120	152.44	54585.72	0.07	2.19	0.25	-120.18	-34.48	0	0	-120	-35	4.76	2.42	1.55	0.97	0.55	0.3	0.16
D	6	656	-31.76	134.73	475005.16	6485485.93	261.2	208.44	109.47	120	151.73	54587.43	0.08	2.17	0.34	-120.25	-34.35	0	0	-120	-35	4.44	2.14	1.32	0.81	0.46	0.25	0.13
D	6	656.2	-31.76	134.73	475005.16	6485472.37	261.29	208.55	110.14	120	151.15	54588.96	0.09	2.18	0.44	-120.3	-34.24	0	0	-120	-35	4.12	1.87	1.11	0.66	0.37	0.2	0.11
D	6	656.4	-31.76	134.73	475005.14	6485458.81	261.37	208.64	110.63	120	150.74	54590.23	0.1	2.22	0.53	-120.37	-34.12	0	0	-120	-35	3.83	1.63	0.92	0.53	0.29	0.15	0.08
D	6	656.6	-31.76	134.73	475005.11	6485445.25	261.45	208.71	110.97	120	150.48	54591.25	0.1	2.25	0.6	-120.44	-33.99	0	0	-120	-35	3.57	1.41	0.76	0.42	0.22	0.12	0.07
D	6	656.8	-31.76	134.73	475005.06	6485431.69	261.51	208.75	111.2	120	150.32	54592.06	0.1	2.26	0.64	-120.53	-33.89	0	0	-120	-35	3.34	1.23	0.61	0.32	0.16	0.08	0.05
D	6	657	-31.76	134.73	475005	6485418.13	261.58	208.79	111.37	120	150.21	54592.67	0.09	2.26	0.65	-120.57	-33.79	0	0	-120	-35	3.15	1.08	0.5	0.25	0.11	0.06	0.04
D	6	657.2	-31.76	134.73	475004.92	6485404.57	261.64	208.84	111.48	120	150.15	54593.03	0.09	2.24	0.64	-120.64	-33.72	0	0	-120	-35	2.98	0.96	0.41	0.19	0.08	0.04	0.03
D	6	657.4	-31.76	134.73	475004.83	6485391.02	261.69	208.89	111.55	120	150.14	54593.14	0.08	2.23	0.63	-120.68	-33.66	0	0	-120	-35	2.85	0.87	0.34	0.14	0.05	0.02	0.02
D	6	657.6	-31.76	134.73	475004.72	6485377.46	261.74	208.95	111.57	120	150.17	54593.09	0.07	2.21	0.6	-120.73	-33.61	0	0	-120	-35	2.75	0.81	0.3	0.11	0.02	0.01	0.02
D	6	657.8	-31.76	134.73	475004.6	6485363.91	261.78	209	111.59	120	150.2	54592.94	0.05	2.22	0.54	-120.75	-33.57	0	0	-120	-35	2.7	0.77	0.27	0.08	0.01	0.004	0.01
D	6	658	-31.76	134.73	475004.46	6485350.36	261.83	209.03	111.7	120	150.13	54592.72	0.04	2.26	0.48	-120.78	-33.59	0	0	-120	-35	2.69	0.77	0.27	0.07	0.003	0.01	
D	6	658.2	-31.76	134.73	475004.31	6485336.81	261.88	209.05	111.89	120	149.99	54592.44	0.03	2.3	0.4	-120.83	-33.58	0	0	-120	-35	2.74	0.79	0.29	0.08	0.007	0.01	
D	6	658.4	-31.76	134.73	475004.14	6485323.26	261.93	209.09	112.09	120	149.84	54592.14	0.02	2.31	0.33	-120.84	-33.62	0	0	-120	-35	2.83	0.84	0.32	0.09	0.009	0.009	
D	6	658.6	-31.76	134.73	475003.96	6485309.72	261.98	209.13	112.12	120	149.85	54591.88	0.01	2.28	0.25	-120.84	-33.65	0	0	-120	-35	2.97	0.91	0.37	0.11	0.01	0.007	
D	6	658.8	-31.76	134.73	475003.77	6485296.17	262.02	209.18	111.84	120	150.18	54591.69	0	2.22	0.17	-120.85	-33.68	0	0	-120	-35	3.13	1	0.43	0.13	0.01	0.004	
D	6	659	-31.76	134.73	475003.56	6485282.63	262.06	209.23	111.29	120	150.76	54591.58	-0.01	2.18	0.1	-120.84	-33.73	0	0	-120	-35	3.31	1.1	0.49	0.16	0.01	0.001	
D	6	659.2	-31.76	134.73	475003.34	6485269.09	262.09	209.25	110.63	120	151.46	54591.58	-0.01	2.16	0.07	-120.83	-33.78	0	0	-120	-35	3.48	1.21	0.56	0.19		0	
D	6	659.4	-31.76	134.73	475003.11	6485255.55	262.12	209.25	110.14	120	151.99	54591.7	-0.01	2.12	0.04	-120.82	-33.83	0	0	-120	-35	3.64	1.32	0.62	0.23		0.002	
D	6	659.6	-31.76	134.73	475002.86	6485242	262.15	209.23	110	120	152.14	54591.95	-0.01	2.07	-0.01	-120.81	-33.87	0	0	-120	-35	3.77	1.42	0.69	0.26		0.003	
D	6	659.8	-31.76	134.73	475002.61	6485228.46	262.17	209.2	110.26	120	151.91	54592.25	-0.01	2.03	-0.07	-120.78	-33.89	0	0	-120	-35	3.88	1.52	0.75	0.3	0.07	0.005	
D	6	660	-31.76	134.73	475002.35	6485214.92	262.19	209.15	110.85	120	151.34	54592.58	-0.01	2	-0.14	-120.75	-33.95	0	0	-120	-35	3.97	1.62	0.81	0.34	0.09	0.006	
D	6	660.2	-31.76	134.73	475002.08	6485201.38	262.2	209.11	111.62	120	150.58	54592.93	-0.01	2.01	-0.19	-120.7	-33.99	0	0	-120	-35	4.05	1.7	0.87	0.38	0.11		
D	6	660.4	-31.76	134.73	475001.81	6485187.85	262.21	209.08																				

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	668	-31.77	134.73	475000.12	6484673.83	259.55	206.35	121.26	120	138.29	54606.58	-0.07	1.91	-0.55	-121.11	-33.62	0	0	-120	-35	5.14	3.65	2.69	1.85	1.1	0.6	0.3
D	6	668.2	-31.77	134.73	475000.34	6484660.31	259.49	206.28	121.33	120	138.16	54608	-0.06	1.94	-0.39	-121.09	-33.65	0	0	-120	-35	5.16	3.7	2.75	1.91	1.15	0.63	0.31
D	6	668.4	-31.77	134.73	475000.55	6484646.79	259.44	206.22	121.44	120	138	54609.41	-0.06	1.96	-0.28	-121.07	-33.68	0	0	-120	-35	5.18	3.76	2.82	1.97	1.2	0.66	0.33
D	6	668.6	-31.77	134.73	475000.77	6484633.26	259.39	206.19	121.64	120	137.76	54610.82	-0.05	1.95	-0.24	-121.05	-33.71	0	0	-120	-35	5.2	3.82	2.88	2.03	1.26	0.7	0.34
D	6	668.8	-31.77	134.73	475000.98	6484619.74	259.35	206.16	121.98	120	137.37	54612.22	-0.04	1.94	-0.24	-121.01	-33.75	0	0	-120	-35	5.23	3.88	2.95	2.1	1.31	0.73	0.36
D	6	669	-31.77	134.73	475001.19	6484606.21	259.3	206.14	122.46	120	136.85	54613.59	-0.04	1.91	-0.23	-120.99	-33.77	0	0	-120	-35	5.26	3.94	3.02	2.16	1.36	0.76	0.37
D	6	669.2	-31.77	134.73	475001.4	6484592.69	259.26	206.13	123.01	120	136.25	54614.96	-0.03	1.88	-0.21	-120.93	-33.78	0	0	-120	-35	5.28	3.99	3.09	2.22	1.41	0.79	0.38
D	6	669.4	-31.77	134.73	475001.61	6484579.17	259.21	206.13	123.54	120	135.67	54616.35	-0.03	1.86	-0.19	-120.89	-33.81	0	0	-120	-35	5.29	4.03	3.14	2.28	1.45	0.81	0.39
D	6	669.6	-31.77	134.73	475001.81	6484565.64	259.16	206.13	123.94	120	135.22	54617.77	-0.03	1.85	-0.15	-120.86	-33.84	0	0	-120	-35	5.29	4.06	3.18	2.31	1.48	0.82	0.39
D	6	669.8	-31.77	134.73	475002.01	6484552.11	259.11	206.11	124.11	120	135	54619.17	-0.02	1.83	-0.12	-120.8	-33.83	0	0	-120	-35	5.29	4.07	3.2	2.34	1.49	0.83	0.39
D	6	670	-31.77	134.73	475002.2	6484538.59	259.06	206.06	124.02	120	135.04	54620.5	-0.02	1.81	-0.09	-120.77	-33.85	0	0	-120	-35	5.28	4.07	3.2	2.34	1.5	0.82	0.39
D	6	670.2	-31.77	134.73	475002.38	6484525.06	259.01	205.99	123.7	120	135.31	54621.76	-0.01	1.78	-0.07	-120.74	-33.87	0	0	-120	-35	5.26	4.06	3.2	2.34	1.49	0.82	0.38
D	6	670.4	-31.77	134.73	475002.56	6484511.53	258.96	205.92	123.24	120	135.72	54623	-0.01	1.77	-0.05	-120.67	-33.86	0	0	-120	-35	5.24	4.04	3.18	2.32	1.47	0.8	0.37
D	6	670.6	-31.77	134.73	475002.74	6484498	258.91	205.86	122.79	120	136.12	54624.21	-0.01	1.8	-0.04	-120.65	-33.87	0	0	-120	-35	5.22	4.02	3.16	2.3	1.45	0.78	0.36
D	6	670.8	-31.77	134.73	475002.9	6484484.46	258.85	205.81	122.5	120	136.35	54625.35	-0.01	1.81	-0.04	-120.62	-33.87	0	0	-120	-35	5.21	4	3.13	2.28	1.43	0.77	0.36
D	6	671	-31.77	134.73	475003.07	6484470.93	258.78	205.76	122.44	120	136.34	54626.41	-0.01	1.75	-0.08	-120.58	-33.84	0	0	-120	-35	5.2	3.98	3.1	2.25	1.4	0.75	0.35
D	6	671.2	-31.77	134.73	475003.22	6484457.39	258.7	205.7	122.61	120	136.09	54627.38	-0.01	1.63	-0.14	-120.56	-33.83	0	0	-120	-35	5.18	3.96	3.08	2.23	1.38	0.74	0.35
D	6	671.4	-31.77	134.73	475003.37	6484443.85	258.6	205.61	122.93	120	135.68	54628.28	-0.01	1.5	-0.21	-120.56	-33.81	0	0	-120	-35	5.17	3.95	3.07	2.22	1.37	0.73	0.35
D	6	671.6	-31.77	134.73	475003.51	6484430.31	258.5	205.51	123.28	120	135.22	54629.14	-0.01	1.38	-0.25	-120.53	-33.75	0	0	-120	-35	5.16	3.94	3.06	2.21	1.37	0.73	0.36
D	6	671.8	-31.77	134.73	475003.64	6484416.76	258.37	205.39	123.59	120	134.78	54629.95	-0.01	1.29	-0.26	-120.53	-33.72	0	0	-120	-35	5.15	3.94	3.06	2.22	1.37	0.74	0.37
D	6	672	-31.77	134.73	475003.77	6484403.21	258.24	205.26	123.84	120	134.39	54630.67	-0.01	1.23	-0.29	-120.55	-33.63	0	0	-120	-35	5.13	3.95	3.08	2.23	1.39	0.76	0.39
D	6	672.2	-31.77	134.73	475003.9	6484389.66	258.08	205.1	124.06	120	134.02	54631.26	-0.01	1.2	-0.33	-120.59	-33.57	0	0	-120	-35	5.12	3.96	3.1	2.26	1.42	0.78	0.41
D	6	672.4	-31.77	134.73	475004.02	6484376.11	257.91	204.92	124.28	120	133.63	54631.72	-0.02	1.19	-0.38	-120.6	-33.48	0	0	-120	-35	5.11	3.97	3.12	2.29	1.46	0.82	0.43
D	6	672.6	-31.77	134.73	475004.14	6484362.55	257.72	204.73	124.46	120	133.26	54632.08	-0.02	1.19	-0.41	-120.65	-33.36	0	0	-120	-35	5.09	3.98	3.14	2.32	1.5	0.86	0.46
D	6	672.8	-31.77	134.73	475004.25	6484348.98	257.52	204.54	124.55	120	132.97	54632.37	-0.03	1.21	-0.44	-120.69	-33.26	0	0	-120	-35	5.07	3.98	3.15	2.35	1.54	0.9	0.49
D	6	673	-31.77	134.73	475004.35	6484335.41	257.32	204.35	124.52	120	132.8	54632.64	-0.04	1.23	-0.46	-120.74	-33.14	0	0	-120	-35	5.05	3.97	3.15	2.37	1.57	0.93	0.52
D	6	673.2	-31.77	134.73	475004.44	6484321.84	257.12	204.15	124.38	120	132.74	54632.92	-0.05	1.24	-0.46	-120.81	-33.01	0	0	-120	-35	5.02	3.94	3.14	2.37	1.59	0.97	0.55
D	6	673.4	-31.77	134.73	475004.53	6484308.26	256.91	203.93	124.25	120	132.66	54633.23	-0.06	1.25	-0.47	-120.87	-32.92	0	0	-120	-35	4.99	3.9	3.11	2.36	1.6	0.99	0.58
D	6	673.6	-31.77	134.73	475004.61	6484294.68	256.7	203.69	124.24	120	132.45	54633.61	-0.07	1.25	-0.47	-120.92	-32.81	0	0	-120	-35	4.95	3.84	3.07	2.33	1.6	1	0.6
D	6	673.8	-31.77	134.73	475004.68	6484281.09	256.48	203.44	124.33	120	132.16	54634.09	-0.08	1.24	-0.48	-120.97	-32.75	0	0	-120	-35	4.9	3.76	3.01	2.28	1.57	1	0.61
D	6	674	-31.77	134.73	475004.75	6484267.49	256.27	203.18	124.43	120	131.84	54634.7	-0.09	1.22	-0.5	-121.01	-32.69	0	0	-120	-35	4.84	3.67	2.93	2.22	1.54	1	0.61
D	6	674.2	-31.77	134.73	475004.82	6484253.89	256.06	202.9	124.4	120	131.66	54635.46	-0.09	1.21	-0.53	-121.04	-32.6	0	0	-120	-35	4.78	3.57	2.83	2.14	1.49	0.97	0.61
D	6	674.4	-31.77	134.73	475004.88	6484240.29	255.85	202.62	124.18	120	131.67	54636.41	-0.09	1.2	-0.56	-121.07	-32.55	0	0	-120	-35	4.7	3.45	2.72	2.04	1.42	0.94	0.59
D	6	674.6	-31.77	134.73	475004.94	6484226.68	255.64	202.33	123.86	120	131.78	54637.58	-0.09	1.19	-0.62	-121.08	-32.53	0	0	-120	-35	4.62	3.33	2.6	1.93	1.34	0.89	0.57
D	6	674.8	-31.77	134.73	475005.01	6484213.06	255.43	202.03	123.54	120	131.89	54638.91	-0.09	1.19	-0.7	-121.11	-32.53	0	0	-120	-35	4.52	3.2	2.47	1.82	1.26	0.84	0.54
D	6	675	-31.77	134.73	475005.07	6484199.45	255.22	201.75	123.28	120	131.93	54640.37	-0.08	1.18	-0.79	-121.12	-32.5	0	0	-120	-35	4.4	3.06	2.33	1.7	1.17	0.78	0.51
D	6	675.2	-31.77	134.73	475005.14	6484185.82	255	201.49	123.07	120	131.93	54641.94	-0.08	1.16	-0.88	-121.13	-32.47	0	0	-120	-35	4.28	2.91	2.18	1.57	1.08	0.72	0.47
D	6	675.4	-31.77	134.73	475005.22	6484172.2	254.78	201.25	122.77	120	132.01	54643.61	-0.07	1.1	-0.98	-121.12	-32.45	0	0	-120	-35	4.16	2.77	2.04	1.46	0.99	0.67	0.43
D	6	675.6	-31.77	134.73	475005.31	6484158.57	254.56	201.02	122.32	120	132.24	54645.39	-0.06	1.02	-1.08	-121.11	-32.44	0	0	-120	-35	4.03	2.63	1.91	1.35	0.91	0.61	0.4
D	6	675.8	-31.77	134.73	475005.4	6484144.93	254.32	200.79	121.7	120	132.62	54647.26	-0.05	0.94	-1.18	-121.1	-32.42	0	0	-120	-35	3.92	2.51	1.79	1.25	0.84	0.56	0.36
D	6	676	-31.77	134.73	475005.5	6484131.29	254.07	200.55	120.95	120	133.12	54649.18	-0.04	0.87	-1.25	-121.1	-32.4	0	0	-120	-35	3.83	2.4	1.69	1.17	0.78	0.51	0.33
D	6	676.2	-31.77	134.73	475005.61	6484117.65	253.81	200.3	120.15	120	133.66	54651.09	-0.03	0.82	-1.3	-121.09	-32.39	0	0	-120	-35	3.76	2.32	1.62	1.11	0.73	0.47	0.3
D	6	676.4	-31.77	134.73	475005.74	6484104	253.54	200.05	119.36	120	134.17	54652.94	-0.02	0.77	-1.32	-121.08	-32.37	0	0	-120	-35	3.73	2.26	1.57	1.07	0.69	0.44	0.28
D	6	676.6	-31.77	134.73	475005.87	6484090.35	253.25	199.79	118.63	120	134.62	54654.73	-0.01	0.74	-1.35	-121.07	-32.36	0	0	-120	-35	3.73	2.24	1.55	1.05	0.67	0.42	0.25
D	6	676.8	-3																									

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	684.4	-31.78	134.73	475011.15	6483553.92	245.1	191.85	114.9	120	130.2	54701.42	-0.05	2.66	0.1	-120.37	-34.63	0	0	-120	-35	6.38	5.73	5.29	4.84	4.31	3.69	2.96
D	6	684.6	-31.78	134.73	475011.07	6483540.16	245.21	191.95	115.32	120	129.89	54703.28	-0.05	2.66	-0.01	-120.3	-34.76	0	0	-120	-35	6.35	5.71	5.28	4.83	4.3	3.68	2.95
D	6	684.8	-31.78	134.73	475010.99	6483526.41	245.32	192.07	115.95	120	129.36	54705.25	-0.05	2.65	-0.08	-120.26	-34.86	0	0	-120	-35	6.32	5.69	5.26	4.82	4.28	3.66	2.94
D	6	685	-31.78	134.73	475010.89	6483512.66	245.43	192.19	116.62	120	128.81	54707.29	-0.04	2.62	-0.06	-120.21	-34.96	0	0	-120	-35	6.29	5.67	5.24	4.8	4.27	3.65	2.93
D	6	685.2	-31.78	134.73	475010.77	6483498.92	245.55	192.32	117.07	120	128.48	54709.34	-0.04	2.59	0.05	-120.17	-35	0	0	-120	-35	6.25	5.64	5.22	4.78	4.25	3.64	2.92
D	6	685.4	-31.78	134.73	475010.64	6483485.18	245.67	192.44	117.14	120	128.53	54711.38	-0.03	2.55	0.14	-120.15	-35.07	0	0	-120	-35	6.21	5.6	5.19	4.76	4.23	3.62	2.91
D	6	685.6	-31.78	134.73	475010.5	6483471.45	245.79	192.56	116.82	120	128.97	54713.44	-0.03	2.53	0.12	-120.13	-35.08	0	0	-120	-35	6.16	5.57	5.16	4.73	4.21	3.6	2.89
D	6	685.8	-31.78	134.73	475010.35	6483457.72	245.91	192.66	116.26	120	129.65	54715.54	-0.03	2.53	-0.03	-120.13	-35.07	0	0	-120	-35	6.12	5.53	5.13	4.71	4.19	3.59	2.88
D	6	686	-31.78	134.73	475010.18	6483443.99	246.03	192.76	115.69	120	130.34	54717.68	-0.02	2.55	-0.25	-120.13	-35.06	0	0	-120	-35	6.07	5.49	5.1	4.69	4.17	3.57	2.88
D	6	686.2	-31.78	134.73	475010.01	6483430.27	246.16	192.86	115.28	120	130.89	54719.82	-0.02	2.58	-0.51	-120.11	-35.02	0	0	-120	-35	6.03	5.46	5.07	4.67	4.16	3.56	2.87
D	6	686.4	-31.78	134.73	475009.82	6483416.56	246.29	192.96	115.02	120	131.27	54721.94	-0.01	2.6	-0.78	-120.11	-35	0	0	-120	-35	6	5.43	5.05	4.65	4.15	3.56	2.87
D	6	686.6	-31.78	134.73	475009.63	6483402.85	246.41	193.08	114.85	120	131.56	54724.07	-0.01	2.57	-1.03	-120.11	-34.98	0	0	-120	-35	5.96	5.4	5.02	4.63	4.14	3.56	2.87
D	6	686.8	-31.78	134.73	475009.43	6483389.14	246.53	193.19	114.66	120	131.88	54726.22	-0.01	2.5	-1.24	-120.11	-34.96	0	0	-120	-35	5.93	5.37	5	4.62	4.13	3.56	2.88
D	6	687	-31.78	134.73	475009.23	6483375.44	246.65	193.29	114.4	120	132.25	54728.36	0	2.4	-1.42	-120.11	-34.89	0	0	-120	-35	5.89	5.34	4.98	4.6	4.12	3.55	2.88
D	6	687.2	-31.78	134.73	475009.03	6483361.74	246.75	193.36	114.15	120	132.6	54730.43	0	2.32	-1.54	-120.11	-34.81	0	0	-120	-35	5.85	5.31	4.96	4.59	4.11	3.55	2.88
D	6	687.4	-31.78	134.73	475008.83	6483348.05	246.85	193.41	114.04	120	132.8	54732.39	0	2.27	-1.63	-120.13	-34.72	0	0	-120	-35	5.82	5.29	4.94	4.57	4.11	3.55	2.89
D	6	687.6	-31.78	134.73	475008.63	6483334.36	246.93	193.46	114.2	120	132.74	54734.24	0.01	2.25	-1.71	-120.14	-34.6	0	0	-120	-35	5.78	5.26	4.92	4.56	4.1	3.55	2.89
D	6	687.8	-31.78	134.73	475008.43	6483320.67	247.02	193.51	114.6	120	132.41	54736.07	0.01	2.24	-1.78	-120.2	-34.47	0	0	-120	-35	5.74	5.24	4.9	4.54	4.09	3.54	2.89
D	6	688	-31.78	134.73	475008.24	6483306.99	247.09	193.58	115.18	120	131.91	54737.9	0.01	2.26	-1.82	-120.22	-34.32	0	0	-120	-35	5.71	5.22	4.88	4.53	4.08	3.54	2.89
D	6	688.2	-31.78	134.73	475008.05	6483293.31	247.17	193.64	115.81	120	131.36	54739.72	0.01	2.29	-1.85	-120.26	-34.16	0	0	-120	-35	5.69	5.21	4.87	4.52	4.08	3.54	2.89
D	6	688.4	-31.78	134.73	475007.87	6483279.63	247.24	193.72	116.38	120	130.86	54741.46	0.01	2.33	-1.88	-120.3	-34.05	0	0	-120	-35	5.67	5.19	4.85	4.52	4.07	3.54	2.89
D	6	688.6	-31.78	134.73	475007.7	6483265.96	247.3	193.79	116.87	120	130.43	54743.11	0.01	2.37	-1.92	-120.36	-33.91	0	0	-120	-35	5.65	5.18	4.84	4.51	4.07	3.54	2.89
D	6	688.8	-31.78	134.73	475007.53	6483252.29	247.37	193.87	117.25	120	130.12	54744.71	0	2.41	-1.95	-120.39	-33.82	0	0	-120	-35	5.64	5.16	4.83	4.5	4.07	3.54	2.89
D	6	689	-31.78	134.73	475007.37	6483238.62	247.44	193.97	117.55	120	129.89	54746.32	0	2.44	-2.01	-120.42	-33.73	0	0	-120	-35	5.62	5.15	4.82	4.49	4.07	3.54	2.9
D	6	689.2	-31.78	134.73	475007.22	6483224.96	247.52	194.06	117.71	120	129.81	54747.94	0	2.46	-2.07	-120.46	-33.66	0	0	-120	-35	5.61	5.13	4.81	4.48	4.06	3.54	2.9
D	6	689.4	-31.78	134.73	475007.07	6483211.3	247.6	194.15	117.75	120	129.85	54749.55	0	2.44	-2.13	-120.49	-33.62	0	0	-120	-35	5.59	5.12	4.8	4.47	4.06	3.54	2.9
D	6	689.6	-31.78	134.73	475006.93	6483197.65	247.68	194.25	117.81	120	129.87	54751.14	0	2.4	-2.16	-120.53	-33.62	0	0	-120	-35	5.57	5.11	4.79	4.47	4.05	3.54	2.91
D	6	689.8	-31.78	134.73	475006.8	6483184	247.75	194.34	117.99	120	129.76	54752.71	-0.01	2.33	-2.17	-120.54	-33.59	0	0	-120	-35	5.54	5.09	4.78	4.46	4.05	3.54	2.92
D	6	690	-31.78	134.73	475006.67	6483170.35	247.8	194.43	118.41	120	129.39	54754.26	-0.01	2.23	-2.16	-120.58	-33.59	0	0	-120	-35	5.52	5.08	4.77	4.45	4.04	3.54	2.92
D	6	690.2	-31.78	134.73	475006.55	6483156.71	247.84	194.5	119.07	120	128.76	54755.84	-0.01	2.16	-2.1	-120.6	-33.55	0	0	-120	-35	5.5	5.07	4.76	4.45	4.04	3.54	2.93
D	6	690.4	-31.78	134.73	475006.43	6483143.07	247.86	194.56	119.83	120	128.03	54757.48	-0.01	2.11	-1.95	-120.63	-33.56	0	0	-120	-35	5.48	5.06	4.75	4.44	4.04	3.54	2.94
D	6	690.6	-31.78	134.73	475006.32	6483129.43	247.87	194.58	120.55	120	127.32	54759.21	-0.01	2.08	-1.75	-120.65	-33.52	0	0	-120	-35	5.46	5.05	4.74	4.44	4.03	3.54	2.94
D	6	690.8	-31.78	134.73	475006.21	6483115.79	247.87	194.6	121.13	120	126.75	54760.97	-0.01	2.07	-1.51	-120.68	-33.51	0	0	-120	-35	5.44	5.03	4.73	4.43	4.02	3.54	2.94
D	6	691	-31.78	134.73	475006.09	6483102.16	247.87	194.63	121.56	120	126.32	54762.74	-0.01	2.07	-1.27	-120.69	-33.48	0	0	-120	-35	5.42	5.01	4.72	4.42	4.01	3.53	2.94
D	6	691.2	-31.78	134.73	475005.98	6483088.53	247.88	194.67	121.88	120	125.99	54764.49	-0.01	2.08	-1.05	-120.7	-33.49	0	0	-120	-35	5.4	5	4.71	4.4	4	3.53	2.94
D	6	691.4	-31.78	134.73	475005.86	6483074.9	247.87	194.72	122.09	120	125.78	54766.26	-0.01	2.07	-0.88	-120.67	-33.48	0	0	-120	-35	5.38	4.99	4.7	4.39	3.99	3.52	2.94
D	6	691.6	-31.78	134.73	475005.74	6483061.26	247.86	194.76	122.16	120	125.7	54768.12	-0.01	1.99	-0.75	-120.69	-33.48	0	0	-120	-35	5.37	4.98	4.69	4.39	3.99	3.51	2.93
D	6	691.8	-31.78	134.73	475005.62	6483047.63	247.83	194.76	122.1	120	125.73	54770.1	-0.01	1.82	-0.65	-120.68	-33.49	0	0	-120	-35	5.36	4.98	4.69	4.38	3.99	3.51	2.93
D	6	692	-31.78	134.73	475005.48	6483034	247.78	194.73	121.92	120	125.86	54772.16	-0.01	1.64	-0.55	-120.66	-33.46	0	0	-120	-35	5.36	4.98	4.69	4.38	3.99	3.51	2.93
D	6	692.2	-31.78	134.73	475005.34	6483020.36	247.72	194.67	121.75	120	125.96	54774.25	0	1.5	-0.46	-120.66	-33.47	0	0	-120	-35	5.36	4.98	4.69	4.38	3.99	3.51	2.94
D	6	692.4	-31.78	134.73	475005.18	6483006.72	247.63	194.59	121.75	120	125.88	54776.36	0	1.39	-0.4	-120.66	-33.42	0	0	-120	-35	5.36	4.98	4.69	4.39	3.99	3.52	2.94
D	6	692.6	-31.78	134.73	475005.01	6482993.08	247.52	194.5	121.97	120	125.55	54778.49	0	1.32	-0.35	-120.68	-33.4	0	0	-120	-35	5.35	4.99	4.7	4.39	4	3.52	2.94
D	6	692.8	-31.78	134.73	475004.84	6482979.44	247.4	194.38	122.37	120	125.02	54780.66	0.01	1.27	-0.31	-120.68	-33.34	0	0	-120	-35	5.35	4.99	4.7	4.4	4	3.52	2.94
D	6	693	-31.78	134.73	475004.65	6482965.79	247.26	194.24	122.81	120	124.45	54782.84	0.01	1.23	-0.29	-120.7	-33.27	0	0	-120	-35	5.35	4.99	4.71	4.4	4.01	3.53	2.94
D	6	693.2	-31.78	134.73	475																							

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	700.8	-31.79	134.73	474998.94	6482429.15	236.17	182.04	111.95	120	124.22	54838.25	-0.05	1.68	-0.94	-121.08	-32.96	0	0	-120	-35	7.18	6.67	6.31	5.93	5.44	4.85	4.14
D	6	701	-31.79	134.73	474998.89	6482415.32	236.08	182	111.87	120	124.22	54840.88	-0.04	1.69	-0.99	-120.98	-33.15	0	0	-120	-35	7.2	6.69	6.33	5.95	5.46	4.87	4.15
D	6	701.2	-31.79	134.73	474998.85	6482401.5	236.01	181.98	111.58	120	124.43	54843.6	-0.03	1.69	-1.02	-120.86	-33.29	0	0	-120	-35	7.22	6.72	6.35	5.96	5.47	4.88	4.17
D	6	701.4	-31.79	134.73	474998.82	6482387.68	235.94	181.96	111.2	120	124.74	54846.39	-0.01	1.69	-1.05	-120.79	-33.4	0	0	-120	-35	7.23	6.74	6.36	5.98	5.49	4.9	4.18
D	6	701.6	-31.79	134.73	474998.78	6482373.86	235.88	181.92	110.86	120	125.01	54849.28	-0.01	1.68	-1.04	-120.71	-33.51	0	0	-120	-35	7.26	6.76	6.38	6	5.51	4.91	4.19
D	6	701.8	-31.79	134.73	474998.76	6482360.05	235.81	181.86	110.62	120	125.19	54852.24	0	1.66	-0.97	-120.65	-33.6	0	0	-120	-35	7.28	6.78	6.4	6.01	5.52	4.93	4.2
D	6	702	-31.79	134.73	474998.73	6482346.23	235.75	181.8	110.47	120	125.28	54855.21	0.01	1.66	-0.86	-120.59	-33.64	0	0	-120	-35	7.3	6.79	6.42	6.03	5.54	4.94	4.21
D	6	702.2	-31.79	134.73	474998.71	6482332.43	235.69	181.73	110.38	120	125.31	54858.13	0.02	1.66	-0.73	-120.56	-33.71	0	0	-120	-35	7.31	6.81	6.43	6.04	5.55	4.95	4.23
D	6	702.4	-31.79	134.73	474998.68	6482318.62	235.64	181.67	110.34	120	125.3	54861.03	0.03	1.69	-0.61	-120.53	-33.71	0	0	-120	-35	7.32	6.81	6.44	6.05	5.56	4.96	4.23
D	6	702.6	-31.79	134.73	474998.66	6482304.82	235.59	181.62	110.39	120	125.2	54863.93	0.04	1.78	-0.51	-120.52	-33.76	0	0	-120	-35	7.33	6.82	6.44	6.06	5.56	4.97	4.24
D	6	702.8	-31.79	134.73	474998.64	6482291.02	235.55	181.58	110.53	120	125.02	54866.84	0.05	1.94	-0.44	-120.51	-33.75	0	0	-120	-35	7.32	6.82	6.44	6.06	5.57	4.97	4.25
D	6	703	-31.79	134.73	474998.62	6482277.23	235.54	181.57	110.72	120	124.82	54869.71	0.05	2.11	-0.38	-120.49	-33.76	0	0	-120	-35	7.32	6.82	6.44	6.06	5.56	4.97	4.25
D	6	703.2	-31.79	134.73	474998.59	6482263.44	235.56	181.59	110.91	120	124.65	54872.52	0.06	2.25	-0.31	-120.49	-33.79	0	0	-120	-35	7.3	6.81	6.43	6.05	5.56	4.97	4.25
D	6	703.4	-31.79	134.73	474998.56	6482249.66	235.6	181.64	110.99	120	124.61	54875.29	0.07	2.35	-0.26	-120.51	-33.8	0	0	-120	-35	7.29	6.8	6.42	6.04	5.55	4.97	4.25
D	6	703.6	-31.79	134.73	474998.53	6482235.88	235.67	181.69	110.93	120	124.73	54878.03	0.08	2.41	-0.22	-120.51	-33.83	0	0	-120	-35	7.27	6.8	6.41	6.03	5.55	4.96	4.25
D	6	703.8	-31.79	134.73	474998.49	6482222.11	235.74	181.76	110.77	120	124.97	54880.72	0.08	2.42	-0.18	-120.5	-33.88	0	0	-120	-35	7.26	6.78	6.4	6.02	5.54	4.95	4.25
D	6	704	-31.79	134.73	474998.45	6482208.34	235.83	181.83	110.59	120	125.24	54883.36	0.09	2.4	-0.15	-120.5	-33.9	0	0	-120	-35	7.25	6.77	6.39	6.01	5.53	4.95	4.25
D	6	704.2	-31.79	134.73	474998.41	6482194.58	235.93	181.91	110.55	120	125.38	54885.91	0.1	2.38	-0.13	-120.48	-33.94	0	0	-120	-35	7.24	6.76	6.37	5.99	5.51	4.94	4.25
D	6	704.4	-31.79	134.73	474998.36	6482180.83	236.03	182.01	110.74	120	125.29	54888.36	0.1	2.36	-0.12	-120.47	-33.97	0	0	-120	-35	7.23	6.74	6.36	5.98	5.5	4.92	4.24
D	6	704.6	-31.79	134.73	474998.31	6482167.08	236.14	182.12	111.17	120	124.97	54890.7	0.11	2.34	-0.11	-120.46	-34	0	0	-120	-35	7.2	6.71	6.33	5.95	5.48	4.9	4.23
D	6	704.8	-31.79	134.73	474998.26	6482153.34	236.25	182.24	111.8	120	124.45	54892.89	0.11	2.31	-0.11	-120.45	-34.02	0	0	-120	-35	7.18	6.68	6.31	5.93	5.45	4.88	4.21
D	6	705	-31.79	134.73	474998.21	6482139.61	236.37	182.36	112.51	120	123.85	54894.88	0.11	2.3	-0.12	-120.42	-34.06	0	0	-120	-35	7.15	6.65	6.28	5.9	5.43	4.86	4.19
D	6	705.2	-31.79	134.73	474998.15	6482125.88	236.48	182.48	113.22	120	123.26	54896.71	0.11	2.28	-0.13	-120.42	-34.07	0	0	-120	-35	7.12	6.62	6.25	5.88	5.4	4.84	4.17
D	6	705.4	-31.79	134.73	474998.09	6482112.16	236.59	182.6	113.86	120	122.73	54898.43	0.1	2.29	-0.14	-120.42	-34.08	0	0	-120	-35	7.09	6.59	6.22	5.85	5.37	4.81	4.15
D	6	705.6	-31.79	134.73	474998.03	6482098.45	236.7	182.7	114.39	120	122.31	54900.12	0.1	2.31	-0.14	-120.41	-34.08	0	0	-120	-35	7.06	6.56	6.2	5.82	5.35	4.79	4.14
D	6	705.8	-31.79	134.73	474997.97	6482084.75	236.81	182.81	114.78	120	122.03	54901.79	0.1	2.33	-0.15	-120.39	-34.06	0	0	-120	-35	7.03	6.54	6.18	5.8	5.33	4.77	4.12
D	6	706	-31.79	134.73	474997.91	6482071.05	236.92	182.91	115	120	121.92	54903.45	0.1	2.34	-0.19	-120.37	-34.07	0	0	-120	-35	7.01	6.51	6.15	5.78	5.31	4.76	4.11
D	6	706.2	-31.79	134.73	474997.85	6482057.35	237.03	183.01	115.08	120	121.95	54905.09	0.09	2.33	-0.24	-120.37	-34.07	0	0	-120	-35	6.99	6.49	6.13	5.76	5.29	4.74	4.09
D	6	706.4	-31.79	134.73	474997.78	6482043.66	237.14	183.11	115.08	120	122.06	54906.68	0.09	2.31	-0.3	-120.36	-34.09	0	0	-120	-35	6.97	6.47	6.12	5.74	5.28	4.73	4.08
D	6	706.6	-31.79	134.73	474997.72	6482029.98	237.26	183.2	115	120	122.26	54908.22	0.09	2.3	-0.36	-120.36	-34.08	0	0	-120	-35	6.94	6.46	6.1	5.73	5.26	4.71	4.07
D	6	706.8	-31.79	134.73	474997.66	6482016.31	237.37	183.3	114.85	120	122.52	54909.71	0.09	2.28	-0.41	-120.34	-34.09	0	0	-120	-35	6.92	6.44	6.08	5.71	5.25	4.7	4.06
D	6	707	-31.79	134.73	474997.61	6482002.64	237.48	183.4	114.64	120	122.84	54911.18	0.09	2.27	-0.45	-120.35	-34.13	0	0	-120	-35	6.9	6.43	6.06	5.69	5.23	4.69	4.05
D	6	707.2	-31.79	134.73	474997.55	6481988.98	237.59	183.51	114.38	120	123.21	54912.63	0.08	2.26	-0.5	-120.35	-34.12	0	0	-120	-35	6.88	6.41	6.04	5.68	5.22	4.68	4.04
D	6	707.4	-31.79	134.73	474997.5	6481975.32	237.69	183.64	114.17	120	123.53	54914.07	0.08	2.26	-0.53	-120.33	-34.13	0	0	-120	-35	6.85	6.39	6.02	5.66	5.2	4.66	4.03
D	6	707.6	-31.79	134.73	474997.46	6481961.67	237.8	183.76	114.06	120	123.74	54915.49	0.08	2.26	-0.58	-120.34	-34.12	0	0	-120	-35	6.83	6.37	6	5.64	5.19	4.65	4.02
D	6	707.8	-31.79	134.73	474997.41	6481948.03	237.91	183.88	114.09	120	123.82	54916.87	0.08	2.24	-0.62	-120.32	-34.12	0	0	-120	-35	6.81	6.34	5.98	5.62	5.17	4.63	4.01
D	6	708	-31.79	134.73	474997.37	6481934.39	238.01	183.99	114.27	120	123.74	54918.26	0.07	2.22	-0.66	-120.33	-34.11	0	0	-120	-35	6.79	6.32	5.96	5.6	5.15	4.62	4
D	6	708.2	-31.79	134.73	474997.34	6481920.76	238.12	184.09	114.54	120	123.58	54919.64	0.07	2.2	-0.66	-120.34	-34.09	0	0	-120	-35	6.77	6.29	5.94	5.58	5.14	4.6	3.99
D	6	708.4	-31.79	134.73	474997.3	6481907.13	238.22	184.21	114.84	120	123.37	54921.01	0.07	2.18	-0.63	-120.32	-34.09	0	0	-120	-35	6.75	6.27	5.92	5.56	5.12	4.59	3.98
D	6	708.6	-31.79	134.73	474997.27	6481893.51	238.32	184.33	115.11	120	123.21	54922.37	0.06	2.17	-0.6	-120.35	-34.11	0	0	-120	-35	6.73	6.24	5.9	5.54	5.1	4.58	3.96
D	6	708.8	-31.79	134.73	474997.24	6481879.9	238.42	184.45	115.26	120	123.16	54923.72	0.06	2.14	-0.57	-120.36	-34.09	0	0	-120	-35	6.71	6.22	5.88	5.52	5.09	4.56	3.95
D	6	709	-31.79	134.73	474997.22	6481866.29	238.52	184.57	115.27	120	123.25	54925.12	0.06	2.12	-0.55	-120.37	-34.07	0	0	-120	-35	6.69	6.2	5.86	5.5	5.07	4.55	3.95
D	6	709.2	-31.79	134.73	474997.19	6481852.68	238.61	184.69	115.16	120	123.45	54926.58	0.05	2.1	-0.51	-120.37	-34.05	0	0	-120	-35	6.67	6.18	5.85	5.49	5.06	4.54	3.94
D	6	709.4	-31.79	134.73	474997.17	6481839.08	238.7	184.78	115.05	120	123.65	54928.08	0.05	2.09	-0.48	-120.38	-34.03	0	0	-120	-35	6.65	6.17	5.83	5.48	5.05	4.54	3.94
D	6																											

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	717.2	-31.8	134.73	474996.04	6481310.91	239.11	184.73	115.47	120	123.64	55002.42	0.19	1.67	-0.72	-120.61	-33.5	0	0	-120	-35	6.49	6.05	5.75	5.41	5.01	4.54	3.98
D	6	717.4	-31.8	134.73	474996.05	6481297.41	239.08	184.74	115.24	120	123.84	55003.15	0.18	1.65	-0.7	-120.59	-33.53	0	0	-120	-35	6.49	6.06	5.75	5.41	5.01	4.54	3.98
D	6	717.6	-31.8	134.73	474996.09	6481283.9	239.05	184.78	115.11	120	123.94	55003.76	0.18	1.64	-0.71	-120.57	-33.55	0	0	-120	-35	6.49	6.06	5.75	5.42	5.02	4.54	3.99
D	6	717.8	-31.8	134.73	474996.13	6481270.4	239.02	184.84	115.03	120	123.99	55004.36	0.18	1.65	-0.75	-120.57	-33.6	0	0	-120	-35	6.5	6.07	5.75	5.42	5.02	4.55	3.99
D	6	718	-31.8	134.73	474996.19	6481256.9	239	184.89	114.88	120	124.12	55005.01	0.17	1.67	-0.8	-120.55	-33.62	0	0	-120	-35	6.5	6.08	5.76	5.43	5.03	4.55	4
D	6	718.2	-31.8	134.73	474996.25	6481243.4	238.97	184.94	114.6	120	124.37	55005.71	0.17	1.67	-0.8	-120.54	-33.63	0	0	-120	-35	6.52	6.09	5.76	5.44	5.04	4.56	4.01
D	6	718.4	-31.8	134.73	474996.32	6481229.9	238.96	184.99	114.17	120	124.79	55006.39	0.17	1.67	-0.74	-120.52	-33.61	0	0	-120	-35	6.53	6.1	5.77	5.45	5.04	4.57	4.02
D	6	718.6	-31.8	134.73	474996.4	6481216.41	238.94	185.02	113.59	120	125.35	55007.04	0.17	1.67	-0.67	-120.51	-33.603	0	0	-120	-35	6.55	6.11	5.78	5.46	5.05	4.58	4.03
D	6	718.8	-31.8	134.73	474996.49	6481202.91	238.93	185.05	112.91	120	126.01	55007.73	0.17	1.66	-0.61	-120.53	-33.63	0	0	-120	-35	6.56	6.12	5.79	5.47	5.06	4.59	4.04
D	6	719	-31.8	134.73	474996.58	6481189.41	238.91	185.06	112.19	120	126.72	55008.45	0.17	1.65	-0.54	-120.5	-33.62	0	0	-120	-35	6.57	6.13	5.79	5.47	5.07	4.6	4.04
D	6	719.2	-31.8	134.73	474996.67	6481175.91	238.89	185.06	111.49	120	127.4	55009.17	0.17	1.67	-0.43	-120.53	-33.61	0	0	-120	-35	6.58	6.14	5.8	5.48	5.08	4.61	4.05
D	6	719.4	-31.8	134.73	474996.76	6481162.42	238.87	185.04	110.89	120	127.98	55009.87	0.17	1.7	-0.32	-120.53	-33.57	0	0	-120	-35	6.59	6.14	5.81	5.49	5.09	4.62	4.06
D	6	719.6	-31.8	134.73	474996.85	6481148.92	238.85	185.02	110.47	120	128.39	55010.58	0.17	1.73	-0.22	-120.54	-33.54	0	0	-120	-35	6.59	6.15	5.81	5.49	5.09	4.62	4.07
D	6	719.8	-31.8	134.73	474996.94	6481135.43	238.84	184.99	110.25	120	128.59	55011.29	0.18	1.74	-0.12	-120.56	-33.49	0	0	-120	-35	6.58	6.16	5.82	5.5	5.1	4.63	4.07
D	6	720	-31.8	134.73	474997.03	6481121.94	238.84	184.98	110.21	120	128.64	55012.03	0.18	1.76	-0.03	-120.56	-33.47	0	0	-120	-35	6.58	6.16	5.82	5.5	5.1	4.63	4.08
D	6	720.2	-31.8	134.73	474997.12	6481108.45	238.85	184.99	110.3	120	128.55	55012.77	0.19	1.85	0.04	-120.6	-33.46	0	0	-120	-35	6.58	6.16	5.82	5.5	5.1	4.63	4.08
D	6	720.4	-31.8	134.73	474997.2	6481094.96	238.87	185.02	110.52	120	128.35	55013.49	0.19	1.99	0.09	-120.6	-33.44	0	0	-120	-35	6.59	6.17	5.83	5.51	5.11	4.64	4.09
D	6	720.6	-31.8	134.73	474997.29	6481081.47	238.91	185.07	110.85	120	128.06	55014.18	0.2	2.13	0.1	-120.62	-33.45	0	0	-120	-35	6.59	6.17	5.83	5.51	5.11	4.64	4.09
D	6	720.8	-31.8	134.73	474997.37	6481067.99	238.96	185.12	111.36	120	127.6	55014.79	0.2	2.24	0.07	-120.62	-33.49	0	0	-120	-35	6.59	6.16	5.83	5.51	5.11	4.64	4.09
D	6	721	-31.8	134.73	474997.45	6481054.51	239.02	185.16	112.06	120	126.96	55015.28	0.21	2.32	0.05	-120.62	-33.52	0	0	-120	-35	6.58	6.16	5.83	5.51	5.11	4.64	4.1
D	6	721.2	-31.8	134.73	474997.53	6481041.04	239.11	185.22	112.94	120	126.17	55015.65	0.21	2.38	0.05	-120.6	-33.57	0	0	-120	-35	6.58	6.15	5.82	5.5	5.11	4.64	4.09
D	6	721.4	-31.8	134.73	474997.61	6481027.57	239.21	185.3	113.9	120	125.31	55015.88	0.21	2.4	0.01	-120.6	-33.64	0	0	-120	-35	6.57	6.15	5.82	5.5	5.1	4.64	4.09
D	6	721.6	-31.8	134.73	474997.68	6481014.1	239.33	185.41	114.83	120	124.49	55015.98	0.21	2.38	-0.02	-120.56	-33.71	0	0	-120	-35	6.56	6.14	5.81	5.49	5.1	4.64	4.09
D	6	721.8	-31.8	134.73	474997.76	6481000.64	239.45	185.52	115.67	120	123.78	55015.94	0.21	2.36	-0.06	-120.54	-33.75	0	0	-120	-35	6.55	6.13	5.8	5.49	5.1	4.63	4.09
D	6	722	-31.8	134.73	474997.84	6480987.18	239.57	185.64	116.4	120	123.18	55015.74	0.21	2.34	-0.08	-120.53	-33.83	0	0	-120	-35	6.53	6.12	5.79	5.48	5.09	4.63	4.09
D	6	722.2	-31.8	134.73	474997.92	6480973.73	239.69	185.76	117.06	120	122.63	55015.35	0.21	2.33	-0.11	-120.5	-33.88	0	0	-120	-35	6.52	6.11	5.78	5.47	5.08	4.62	4.08
D	6	722.4	-31.8	134.73	474998	6480960.28	239.82	185.89	117.7	120	122.11	55014.81	0.2	2.34	-0.13	-120.47	-33.93	0	0	-120	-35	6.5	6.1	5.77	5.46	5.08	4.62	4.08
D	6	722.6	-31.8	134.73	474998.08	6480946.84	239.94	186.03	118.34	120	121.6	55014.18	0.19	2.38	-0.15	-120.44	-33.97	0	0	-120	-35	6.48	6.08	5.76	5.45	5.07	4.61	4.07
D	6	722.8	-31.8	134.73	474998.16	6480933.4	240.07	186.19	118.92	120	121.15	55013.45	0.18	2.46	-0.18	-120.41	-34.01	0	0	-120	-35	6.45	6.06	5.75	5.44	5.06	4.6	4.07
D	6	723	-31.8	134.73	474998.25	6480919.96	240.2	186.37	119.38	120	120.82	55012.58	0.17	2.52	-0.19	-120.41	-34.02	0	0	-120	-35	6.43	6.04	5.73	5.42	5.04	4.59	4.06
D	6	723.2	-31.8	134.73	474998.33	6480906.54	240.35	186.56	119.7	120	120.64	55011.59	0.16	2.58	-0.2	-120.38	-34.05	0	0	-120	-35	6.4	6.02	5.71	5.4	5.03	4.58	4.06
D	6	723.4	-31.8	134.73	474998.41	6480893.12	240.5	186.74	119.88	120	120.61	55010.56	0.15	2.63	-0.21	-120.38	-34.06	0	0	-120	-35	6.38	6	5.69	5.39	5.01	4.57	4.05
D	6	723.6	-31.8	134.73	474998.5	6480879.7	240.65	186.92	119.97	120	120.67	55009.55	0.14	2.66	-0.21	-120.36	-34.08	0	0	-120	-35	6.35	5.98	5.68	5.37	5	4.56	4.04
D	6	723.8	-31.8	134.73	474998.58	6480866.29	240.8	187.1	120.05	120	120.76	55008.56	0.13	2.69	-0.18	-120.36	-34.13	0	0	-120	-35	6.33	5.95	5.66	5.36	4.99	4.55	4.04
D	6	724	-31.8	134.73	474998.66	6480852.88	240.96	187.26	120.14	120	120.82	55007.61	0.12	2.67	-0.14	-120.32	-34.17	0	0	-120	-35	6.31	5.93	5.65	5.34	4.97	4.54	4.03
D	6	724.2	-31.8	134.73	474998.74	6480839.48	241.12	187.42	120.3	120	120.82	55006.73	0.11	2.65	-0.14	-120.32	-34.21	0	0	-120	-35	6.29	5.91	5.63	5.33	4.96	4.53	4.02
D	6	724.4	-31.8	134.73	474998.82	6480826.09	241.28	187.58	120.52	120	120.76	55005.95	0.11	2.62	-0.13	-120.28	-34.25	0	0	-120	-35	6.27	5.89	5.61	5.31	4.95	4.52	4.01
D	6	724.6	-31.8	134.73	474998.9	6480812.7	241.44	187.74	120.78	120	120.66	55005.28	0.1	2.58	-0.12	-120.26	-34.31	0	0	-120	-35	6.25	5.87	5.59	5.29	4.93	4.51	4
D	6	724.8	-31.8	134.73	474998.97	6480799.32	241.6	187.9	121.03	120	120.57	55004.7	0.1	2.54	-0.09	-120.25	-34.37	0	0	-120	-35	6.22	5.84	5.57	5.27	4.91	4.49	3.99
D	6	725	-31.8	134.73	474999.04	6480785.94	241.75	188.06	121.22	120	120.53	55004.2	0.09	2.51	-0.06	-120.21	-34.4	0	0	-120	-35	6.19	5.82	5.54	5.25	4.89	4.47	3.97
D	6	725.2	-31.8	134.73	474999.11	6480772.56	241.9	188.23	121.33	120	120.57	55003.8	0.09	2.48	-0.02	-120.19	-34.46	0	0	-120	-35	6.16	5.79	5.51	5.22	4.87	4.45	3.95
D	6	725.4	-31.8	134.73	474999.17	6480759.2	242.05	188.39	121.37	120	120.68	55003.53	0.09	2.44	0.01	-120.18	-34.47	0	0	-120	-35	6.12	5.76	5.48	5.19	4.84	4.42	3.93
D	6	725.6	-31.8	134.73	474999.23	6480745.83	242.19	188.54	121.37	120	120.82	55003.43	0.1	2.4	0.03	-120.16	-34.48	0	0	-120	-35	6.09	5.74	5.45	5.16	4.82	4.4	3.91
D	6	725.8	-31.8	134.73	474999.29	6480732.47	242.32	188.69	121.39	120	120.94	55003.49	0.1	2.36	0.03	-120.16	-34.47	0	0	-120	-35	6.05	5.7	5.42	5.14	4.79	4.38	3.89
D	6	726	-31.8	134.73	474999.34	6480719.																						

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	733.6	-31.81	134.73	475000.72	6480213.11	244.44	191.1	122.42	120	122.02	54949.29	0.01	0.84	-0.05	-120.26	-33.26	0	0	-120	-35	5.58	5.21	4.96	4.69	4.37	4	3.57
D	6	733.8	-31.81	134.73	475000.74	6480199.8	244.29	190.98	122.36	120	121.93	54947.41	0.01	0.64	-0.04	-120.23	-33.17	0	0	-120	-35	5.58	5.21	4.96	4.69	4.37	3.99	3.57
D	6	734	-31.81	134.73	475000.76	6480186.48	244.1	190.82	122.61	120	121.48	54945.49	0.01	0.46	-0.04	-120.25	-33.09	0	0	-120	-35	5.57	5.21	4.96	4.69	4.37	3.99	3.56
D	6	734.2	-31.81	134.73	475000.78	6480173.15	243.86	190.61	123.11	120	120.75	54943.56	0.01	0.31	-0.04	-120.23	-32.94	0	0	-120	-35	5.57	5.21	4.97	4.69	4.37	3.99	3.56
D	6	734.4	-31.81	134.73	475000.8	6480159.82	243.59	190.34	123.74	120	119.85	54941.59	0	0.19	-0.05	-120.25	-32.78	0	0	-120	-35	5.58	5.22	4.97	4.7	4.37	4	3.56
D	6	734.6	-31.81	134.73	475000.82	6480146.48	243.28	190.01	124.32	120	118.96	54939.53	-0.01	0.1	-0.04	-120.28	-32.55	0	0	-120	-35	5.59	5.23	4.98	4.71	4.38	4	3.57
D	6	734.8	-31.81	134.73	475000.84	6480133.13	242.95	189.65	124.69	120	118.26	54937.35	-0.02	0.04	-0.03	-120.32	-32.32	0	0	-120	-35	5.61	5.25	5	4.73	4.4	4.02	3.58
D	6	735	-31.81	134.73	475000.85	6480119.77	242.6	189.29	124.81	120	117.79	54935.1	-0.03	0.02	-0.02	-120.38	-32.08	0	0	-120	-35	5.63	5.27	5.03	4.75	4.42	4.04	3.6
D	6	735.2	-31.81	134.73	475000.85	6480106.4	242.22	188.91	124.71	120	117.51	54932.87	-0.04	0.01	-0.02	-120.45	-31.83	0	0	-120	-35	5.66	5.3	5.06	4.78	4.45	4.06	3.62
D	6	735.4	-31.81	134.73	475000.86	6480093.02	241.83	188.52	124.46	120	117.37	54930.71	-0.06	0.01	-0.02	-120.53	-31.54	0	0	-120	-35	5.7	5.34	5.09	4.81	4.48	4.09	3.65
D	6	735.6	-31.81	134.73	475000.86	6480079.63	241.42	188.11	124.16	120	117.27	54928.64	-0.07	0.02	0	-120.67	-31.29	0	0	-120	-35	5.75	5.38	5.13	4.85	4.51	4.12	3.68
D	6	735.8	-31.81	134.73	475000.85	6480066.23	241.02	187.69	123.83	120	117.18	54926.64	-0.08	0.05	0.03	-120.77	-31.02	0	0	-120	-35	5.8	5.43	5.18	4.89	4.55	4.16	3.71
D	6	736	-31.81	134.73	475000.83	6480052.82	240.61	187.28	123.47	120	117.14	54924.75	-0.1	0.08	0.09	-120.9	-30.8	0	0	-120	-35	5.85	5.48	5.23	4.94	4.6	4.2	3.75
D	6	736.2	-31.81	134.73	475000.81	6480039.4	240.2	186.89	123.04	120	117.17	54923.01	-0.11	0.14	0.16	-121.03	-30.61	0	0	-120	-35	5.91	5.53	5.28	4.99	4.64	4.24	3.78
D	6	736.4	-31.81	134.73	475000.77	6480025.97	239.81	186.5	122.47	120	117.34	54921.46	-0.12	0.22	0.22	-121.15	-30.45	0	0	-120	-35	5.97	5.59	5.33	5.04	4.69	4.29	3.82
D	6	736.6	-31.81	134.73	475000.73	6480012.53	239.42	186.13	121.77	120	117.65	54920.13	-0.13	0.31	0.29	-121.24	-30.32	0	0	-120	-35	6.02	5.64	5.38	5.09	4.73	4.33	3.86
D	6	736.8	-31.81	134.73	475000.68	6479999.08	239.05	185.75	120.99	120	118.06	54919.08	-0.13	0.42	0.37	-121.35	-30.23	0	0	-120	-35	6.07	5.7	5.43	5.14	4.78	4.37	3.9
D	6	737	-31.81	134.73	475000.62	6479985.62	238.7	185.37	120.17	120	118.53	54918.33	-0.13	0.52	0.45	-121.43	-30.18	0	0	-120	-35	6.13	5.76	5.48	5.19	4.83	4.41	3.94
D	6	737.2	-31.81	134.73	475000.55	6479972.16	238.38	185.01	119.32	120	119.06	54917.9	-0.13	0.62	0.49	-121.46	-30.13	0	0	-120	-35	6.18	5.81	5.53	5.24	4.88	4.46	3.97
D	6	737.4	-31.81	134.73	475000.47	6479958.68	238.07	184.65	118.39	120	119.68	54917.73	-0.13	0.72	0.5	-121.49	-30.13	0	0	-120	-35	6.24	5.88	5.58	5.29	4.92	4.5	4.02
D	6	737.6	-31.81	134.73	475000.38	6479945.2	237.79	184.33	117.38	120	120.41	54917.77	-0.12	0.82	0.48	-121.52	-30.19	0	0	-120	-35	6.3	5.94	5.63	5.34	4.97	4.55	4.06
D	6	737.8	-31.81	134.73	475000.29	6479931.71	237.54	184.02	116.3	120	121.23	54918.02	-0.12	0.93	0.46	-121.51	-30.25	0	0	-120	-35	6.36	6	5.69	5.4	5.02	4.59	4.1
D	6	738	-31.81	134.73	475000.18	6479918.22	237.3	183.73	115.32	120	121.99	54918.44	-0.11	1.03	0.43	-121.48	-30.33	0	0	-120	-35	6.42	6.06	5.75	5.45	5.07	4.64	4.14
D	6	738.2	-31.81	134.73	475000.08	6479904.72	237.09	183.47	114.59	120	122.5	54919.08	-0.1	1.13	0.37	-121.45	-30.47	0	0	-120	-35	6.48	6.11	5.8	5.5	5.12	4.68	4.18
D	6	738.4	-31.81	134.73	474999.96	6479891.22	236.91	183.24	114.29	120	122.62	54919.93	-0.09	1.24	0.28	-121.4	-30.63	0	0	-120	-35	6.54	6.16	5.85	5.55	5.17	4.72	4.22
D	6	738.6	-31.81	134.73	474999.84	6479877.72	236.75	183.02	114.51	120	122.24	54920.97	-0.07	1.34	0.18	-121.35	-30.79	0	0	-120	-35	6.6	6.22	5.91	5.6	5.21	4.77	4.26
D	6	738.8	-31.81	134.73	474999.72	6479864.21	236.6	182.84	115.16	120	121.44	54922.13	-0.06	1.42	0.05	-121.26	-30.99	0	0	-120	-35	6.66	6.27	5.96	5.65	5.26	4.81	4.29
D	6	739	-31.81	134.73	474999.59	6479850.71	236.48	182.67	116.12	120	120.35	54923.4	-0.04	1.48	-0.06	-121.18	-31.2	0	0	-120	-35	6.71	6.32	6	5.69	5.3	4.84	4.32
D	6	739.2	-31.81	134.73	474999.47	6479837.2	236.36	182.5	117.16	120	119.2	54924.76	-0.02	1.53	-0.15	-121.07	-31.42	0	0	-120	-35	6.76	6.37	6.05	5.74	5.34	4.88	4.35
D	6	739.4	-31.81	134.73	474999.34	6479823.7	236.27	182.33	118.03	120	118.24	54926.2	-0.01	1.58	-0.22	-120.98	-31.67	0	0	-120	-35	6.81	6.41	6.09	5.78	5.37	4.91	4.38
D	6	739.6	-31.81	134.73	474999.21	6479810.2	236.19	182.18	118.66	120	117.53	54927.64	0	1.63	-0.29	-120.85	-31.91	0	0	-120	-35	6.85	6.45	6.13	5.81	5.4	4.94	4.41
D	6	739.8	-31.81	134.73	474999.09	6479796.7	236.13	182.07	119	120	117.12	54929.03	0.02	1.7	-0.37	-120.75	-32.17	0	0	-120	-35	6.89	6.49	6.17	5.84	5.43	4.97	4.43
D	6	740	-31.81	134.73	474998.97	6479783.2	236.08	181.99	119.16	120	116.92	54930.36	0.03	1.76	-0.44	-120.62	-32.41	0	0	-120	-35	6.92	6.52	6.2	5.87	5.46	4.99	4.45
D	6	740.2	-31.81	134.73	474998.85	6479769.7	236.05	181.96	119.26	120	116.79	54931.61	0.05	1.84	-0.51	-120.51	-32.66	0	0	-120	-35	6.96	6.55	6.23	5.9	5.49	5.01	4.47
D	6	740.4	-31.81	134.73	474998.74	6479756.21	236.04	181.95	119.33	120	116.72	54932.77	0.06	1.92	-0.57	-120.41	-32.87	0	0	-120	-35	6.99	6.58	6.26	5.93	5.52	5.04	4.49
D	6	740.6	-31.81	134.73	474998.64	6479742.72	236.05	181.96	119.36	120	116.69	54933.85	0.07	2	-0.62	-120.32	-33.05	0	0	-120	-35	7.02	6.61	6.29	5.96	5.54	5.06	4.51
D	6	740.8	-31.81	134.73	474998.54	6479729.24	236.06	182	119.32	120	116.74	54934.83	0.08	2.09	-0.66	-120.25	-33.21	0	0	-120	-35	7.04	6.63	6.31	5.98	5.56	5.08	4.52
D	6	741	-31.81	134.73	474998.45	6479715.76	236.09	182.04	119.17	120	116.92	54935.68	0.09	2.16	-0.66	-120.17	-33.33	0	0	-120	-35	7.06	6.65	6.34	6	5.58	5.09	4.54
D	6	741.2	-31.81	134.73	474998.36	6479702.28	236.14	182.11	118.9	120	117.23	54936.33	0.1	2.22	-0.62	-120.12	-33.46	0	0	-120	-35	7.07	6.65	6.34	6	5.59	5.1	4.54
D	6	741.4	-31.81	134.73	474998.28	6479688.82	236.19	182.19	118.57	120	117.62	54936.77	0.11	2.26	-0.56	-120.08	-33.54	0	0	-120	-35	7.08	6.66	6.35	6.01	5.59	5.1	4.55
D	6	741.6	-31.81	134.73	474998.2	6479675.35	236.26	182.29	118.29	120	117.97	54937.03	0.12	2.3	-0.51	-120.04	-33.61	0	0	-120	-35	7.07	6.65	6.35	6.01	5.59	5.1	4.54
D	6	741.8	-31.81	134.73	474998.12	6479661.9	236.33	182.39	118.26	120	118.07	54937.14	0.12	2.34	-0.42	-120.04	-33.69	0	0	-120	-35	7.06	6.64	6.34	6	5.58	5.09	4.53
D	6	742	-31.81	134.73	474998.04	6479648.45	236.43	182.49	118.62	120	117.8	54937.12	0.13	2.37	-0.3	-120.02	-33.73	0	0	-120	-35	7.04	6.63	6.33	5.98	5.56	5.07	4.51
D	6	742.2	-31.81	134.73	474997.96	6479635.01	236.53	182.59	119.44	120	117.09	54936.94	0.13	2.38	-0.16	-120	-33.77	0	0	-120	-35	7.03	6.61	6.31	5.97	5.55	5.06	4.5
D	6	742.4	-31.81	134.																								

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	750	-31.82	134.73	474997.82	6479115.74	241.11	187.58	127.88	120	113.22	54898.19	-0.05	1.3	0.15	-120.75	-33.09	0	0	-120	-35	5.9	5.45	5.1	4.73	4.25	3.64	2.89
D	6	750.2	-31.82	134.73	474997.88	6479102.49	241.04	187.61	127.46	120	113.59	54898.12	-0.05	1.05	0.23	-120.77	-32.99	0	0	-120	-35	5.88	5.44	5.08	4.71	4.22	3.6	2.85
D	6	750.4	-31.82	134.73	474997.95	6479089.23	240.95	187.58	126.99	120	113.96	54897.97	-0.05	0.78	0.31	-120.78	-32.84	0	0	-120	-35	5.86	5.43	5.06	4.69	4.2	3.57	2.81
D	6	750.6	-31.82	134.73	474998.01	6479075.97	240.83	187.49	126.58	120	114.25	54897.74	-0.06	0.55	0.39	-120.82	-32.72	0	0	-120	-35	5.85	5.43	5.05	4.68	4.18	3.55	2.78
D	6	750.8	-31.82	134.73	474998.06	6479062.71	240.67	187.31	126.28	120	114.39	54897.46	-0.06	0.38	0.5	-120.87	-32.58	0	0	-120	-35	5.85	5.43	5.05	4.68	4.17	3.53	2.75
D	6	751	-31.82	134.73	474998.11	6479049.44	240.49	187.08	126.04	120	114.44	54897.19	-0.07	0.25	0.62	-120.9	-32.42	0	0	-120	-35	5.87	5.45	5.06	4.69	4.17	3.52	2.73
D	6	751.2	-31.82	134.73	474998.15	6479036.16	240.26	186.82	125.8	120	114.46	54896.97	-0.08	0.14	0.72	-120.95	-32.25	0	0	-120	-35	5.9	5.47	5.08	4.7	4.17	3.51	2.71
D	6	751.4	-31.82	134.73	474998.19	6479022.88	240.01	186.53	125.45	120	114.56	54896.8	-0.09	0.02	0.8	-121	-32.09	0	0	-120	-35	5.93	5.49	5.1	4.71	4.18	3.51	2.7
D	6	751.6	-31.82	134.73	474998.22	6479009.59	239.72	186.22	124.97	120	114.75	54896.66	-0.1	-0.06	0.84	-121.05	-31.87	0	0	-120	-35	5.96	5.51	5.13	4.73	4.19	3.51	2.69
D	6	751.8	-31.82	134.73	474998.24	6478996.28	239.4	185.9	124.46	120	114.95	54896.58	-0.1	-0.16	0.83	-121.12	-31.64	0	0	-120	-35	5.99	5.54	5.16	4.75	4.2	3.51	2.69
D	6	752	-31.82	134.73	474998.27	6478982.97	239.06	185.55	123.99	120	115.07	54896.62	-0.11	-0.24	0.77	-121.19	-31.42	0	0	-120	-35	6.03	5.57	5.19	4.77	4.22	3.52	2.68
D	6	752.2	-31.82	134.73	474998.29	6478969.65	238.69	185.18	123.63	120	115.06	54896.85	-0.11	-0.31	0.68	-121.27	-31.15	0	0	-120	-35	6.07	5.6	5.22	4.8	4.24	3.53	2.68
D	6	752.4	-31.82	134.73	474998.31	6478956.32	238.3	184.8	123.37	120	114.92	54897.32	-0.11	-0.38	0.59	-121.36	-30.92	0	0	-120	-35	6.11	5.64	5.25	4.83	4.26	3.54	2.69
D	6	752.6	-31.82	134.73	474998.33	6478942.98	237.88	184.39	123.12	120	114.76	54898.01	-0.11	-0.45	0.52	-121.44	-30.65	0	0	-120	-35	6.16	5.68	5.29	4.86	4.28	3.56	2.7
D	6	752.8	-31.82	134.73	474998.34	6478929.63	237.45	183.97	122.79	120	114.66	54898.92	-0.11	-0.52	0.46	-121.56	-30.4	0	0	-120	-35	6.21	5.73	5.32	4.89	4.31	3.58	2.71
D	6	753	-31.82	134.73	474998.34	6478916.26	236.99	183.5	122.32	120	114.67	54900.04	-0.1	-0.57	0.43	-121.66	-30.19	0	0	-120	-35	6.27	5.78	5.37	4.92	4.34	3.6	2.73
D	6	753.2	-31.82	134.73	474998.34	6478902.88	236.51	183	121.67	120	114.84	54901.35	-0.09	-0.59	0.41	-121.77	-29.96	0	0	-120	-35	6.33	5.83	5.41	4.96	4.37	3.63	2.75
D	6	753.4	-31.82	134.73	474998.34	6478889.5	236.01	182.46	120.82	120	115.19	54902.85	-0.07	-0.58	0.38	-121.88	-29.79	0	0	-120	-35	6.4	5.88	5.46	5	4.4	3.66	2.77
D	6	753.6	-31.82	134.73	474998.32	6478876.09	235.51	181.89	119.79	120	115.72	54904.48	-0.05	-0.53	0.33	-121.99	-29.67	0	0	-120	-35	6.47	5.94	5.51	5.04	4.43	3.68	2.79
D	6	753.8	-31.82	134.73	474998.31	6478862.68	235.03	181.32	118.64	120	116.39	54906.15	-0.04	-0.44	0.28	-122.07	-29.53	0	0	-120	-35	6.54	5.99	5.56	5.08	4.47	3.71	2.8
D	6	754	-31.82	134.73	474998.29	6478849.26	234.56	180.79	117.47	120	117.09	54907.76	-0.02	-0.34	0.23	-122.14	-29.46	0	0	-120	-35	6.62	6.06	5.61	5.13	4.5	3.73	2.82
D	6	754.2	-31.82	134.73	474998.27	6478835.82	234.13	180.31	116.47	120	117.65	54909.24	-0.01	-0.24	0.17	-122.19	-29.42	0	0	-120	-35	6.7	6.12	5.67	5.18	4.54	3.76	2.83
D	6	754.4	-31.82	134.73	474998.25	6478822.38	233.72	179.88	115.79	120	117.92	54910.58	0	-0.12	0.1	-122.24	-29.43	0	0	-120	-35	6.79	6.2	5.74	5.23	4.58	3.78	2.84
D	6	754.6	-31.82	134.73	474998.22	6478808.92	233.34	179.5	115.45	120	117.88	54911.78	0	0	-0.02	-122.29	-29.49	0	0	-120	-35	6.9	6.27	5.81	5.29	4.61	3.8	2.84
D	6	754.8	-31.82	134.73	474998.2	6478795.46	232.98	179.15	115.36	120	117.62	54912.77	0.01	0.11	-0.19	-122.29	-29.57	0	0	-120	-35	7.01	6.36	5.89	5.35	4.66	3.82	2.84
D	6	755	-31.82	134.73	474998.18	6478781.98	232.66	178.81	115.35	120	117.3	54913.53	0.01	0.19	-0.39	-122.28	-29.71	0	0	-120	-35	7.12	6.45	5.96	5.41	4.69	3.83	2.82
D	6	755.2	-31.82	134.73	474998.17	6478768.5	232.36	178.5	115.28	120	117.08	54914.1	0.01	0.24	-0.59	-122.28	-29.9	0	0	-120	-35	7.22	6.52	6.02	5.45	4.71	3.81	2.78
D	6	755.4	-31.82	134.73	474998.16	6478755.01	232.1	178.23	115.07	120	117.03	54914.57	0	0.27	-0.72	-122.23	-30.09	0	0	-120	-35	7.31	6.59	6.07	5.47	4.7	3.77	2.72
D	6	755.6	-31.82	134.73	474998.15	6478741.51	231.85	177.97	114.75	120	117.1	54914.95	0	0.3	-0.77	-122.18	-30.34	0	0	-120	-35	7.38	6.64	6.1	5.48	4.68	3.72	2.63
D	6	755.8	-31.82	134.73	474998.15	6478728.01	231.62	177.73	114.35	120	117.27	54915.2	-0.01	0.32	-0.77	-122.1	-30.58	0	0	-120	-35	7.44	6.68	6.12	5.48	4.64	3.64	2.53
D	6	756	-31.82	134.73	474998.15	6478714.5	231.38	177.48	113.94	120	117.44	54915.34	-0.01	0.33	-0.75	-122	-30.84	0	0	-120	-35	7.5	6.72	6.13	5.46	4.58	3.54	2.41
D	6	756.2	-31.82	134.73	474998.15	6478700.99	231.13	177.23	113.55	120	117.58	54915.4	-0.02	0.3	-0.72	-121.93	-31.07	0	0	-120	-35	7.55	6.75	6.12	5.43	4.51	3.43	2.28
D	6	756.4	-31.82	134.73	474998.16	6478687.48	230.88	176.95	113.21	120	117.68	54915.46	-0.03	0.29	-0.67	-121.85	-31.32	0	0	-120	-35	7.61	6.78	6.12	5.39	4.42	3.31	2.15
D	6	756.6	-31.82	134.73	474998.17	6478673.97	230.64	176.69	112.87	120	117.77	54915.54	-0.04	0.31	-0.62	-121.75	-31.55	0	0	-120	-35	7.68	6.8	6.11	5.34	4.33	3.18	2.01
D	6	756.8	-31.82	134.73	474998.18	6478660.45	230.41	176.44	112.5	120	117.91	54915.65	-0.05	0.41	-0.56	-121.68	-31.75	0	0	-120	-35	7.75	6.83	6.1	5.29	4.23	3.05	1.87
D	6	757	-31.82	134.73	474998.2	6478646.93	230.21	176.22	112.08	120	118.13	54915.86	-0.05	0.64	-0.5	-121.6	-31.92	0	0	-120	-35	7.82	6.85	6.08	5.23	4.13	2.91	1.73
D	6	757.2	-31.82	134.73	474998.21	6478633.4	230.03	176.07	111.63	120	118.4	54916.2	-0.06	0.94	-0.45	-121.52	-32.09	0	0	-120	-35	7.89	6.87	6.06	5.16	4.01	2.77	1.6
D	6	757.4	-31.82	134.73	474998.23	6478619.88	229.88	175.96	111.18	120	118.7	54916.59	-0.07	1.21	-0.41	-121.46	-32.25	0	0	-120	-35	7.96	6.88	6.03	5.09	3.9	2.63	1.47
D	6	757.6	-31.82	134.73	474998.25	6478606.35	229.76	175.89	110.75	120	119.01	54916.96	-0.08	1.46	-0.39	-121.39	-32.38	0	0	-120	-35	8.02	6.88	5.99	5.01	3.79	2.5	1.35
D	6	757.8	-31.82	134.73	474998.27	6478592.83	229.67	175.83	110.34	120	119.32	54917.28	-0.08	1.68	-0.4	-121.3	-32.53	0	0	-120	-35	8.08	6.88	5.95	4.93	3.67	2.38	1.25
D	6	758	-31.82	134.73	474998.28	6478579.31	229.6	175.76	109.96	120	119.64	54917.67	-0.09	1.85	-0.47	-121.24	-32.69	0	0	-120	-35	8.12	6.87	5.9	4.85	3.57	2.26	1.16
D	6	758.2	-31.82	134.73	474998.3	6478565.79	229.57	175.7	109.62	120	119.95	54918.22	-0.1	1.97	-0.55	-121.17	-32.83	0	0	-120	-35	8.16	6.86	5.86	4.77	3.46	2.16	1.08
D	6	758.4	-31.82	134.73	474998.32	6478552.27	229.56	175.65	109.32	120	120.24	54918.97	-0.1	2.07	-0.62	-121.09	-32.96	0	0	-120	-35	8.19	6.84	5.81	4.69	3.37	2.06	1
D	6	758.6	-31.82	134.73	474998.34	6478538.76	229.59	175.64	109.08	120	120.51	54919.91	-0.11	2.19	-0.64	-121	-33.12	0	0	-120	-35	8.22	6.82	5.76	4.62	3.27	1.98	0.94
D	6	758.8	-31.82																									

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	917.6	-31.83	134.74	476026.56	6478313.36	235.09	179.81	115.89	120	119.2	54918.57	-0.06	0.62	-5.42	-120.15	-34.35	0	0	-120	-35	7.74	7.02	6.51	5.98	5.34	4.57	3.66
D	6	917.8	-31.83	134.74	476026.29	6478326.57	234.7	179.48	115.37	120	119.33	54916.15	-0.07	0.58	-4.71	-120.45	-34.36	0	0	-120	-35	7.78	7.07	6.56	6.04	5.39	4.63	3.71
D	6	918	-31.83	134.74	476025.96	6478339.8	234.31	179.18	114.81	120	119.5	54913.76	-0.08	0.62	-4.01	-120.74	-34.33	0	0	-120	-35	7.83	7.13	6.61	6.09	5.44	4.68	3.76
D	6	918.2	-31.83	134.74	476025.59	6478353.03	233.93	178.92	114.35	120	119.58	54911.38	-0.09	0.81	-3.33	-121.03	-34.23	0	0	-120	-35	7.88	7.18	6.66	6.14	5.49	4.72	3.79
D	6	918.4	-31.83	134.74	476025.19	6478366.28	233.54	178.7	114.07	120	119.47	54909.07	-0.1	1.09	-2.67	-121.3	-34.12	0	0	-120	-35	7.93	7.24	6.72	6.19	5.54	4.76	3.82
D	6	918.6	-31.82	134.74	476024.74	6478379.53	233.17	178.53	114	120	119.17	54906.84	-0.1	1.39	-2.06	-121.55	-34.01	0	0	-120	-35	7.97	7.29	6.77	6.24	5.58	4.79	3.83
D	6	918.8	-31.82	134.74	476024.28	6478392.8	232.83	178.39	114.04	120	118.79	54904.7	-0.11	1.65	-1.47	-121.75	-33.93	0	0	-120	-35	8.03	7.34	6.83	6.29	5.62	4.81	3.84
D	6	919	-31.82	134.74	476023.78	6478406.06	232.52	178.24	114.07	120	118.46	54902.65	-0.12	1.85	-0.94	-121.89	-33.81	0	0	-120	-35	8.08	7.4	6.88	6.34	5.66	4.83	3.84
D	6	919.2	-31.82	134.74	476023.27	6478419.33	232.26	178.1	113.97	120	118.29	54900.71	-0.12	1.98	-0.46	-122	-33.75	0	0	-120	-35	8.14	7.45	6.94	6.39	5.7	4.86	3.84
D	6	919.4	-31.82	134.74	476022.75	6478432.61	232.04	177.93	113.71	120	118.33	54898.87	-0.13	2.05	-0.04	-122.08	-33.73	0	0	-120	-35	8.2	7.51	7	6.44	5.74	4.88	3.84
D	6	919.6	-31.82	134.74	476022.22	6478445.89	231.84	177.76	113.33	120	118.52	54897.14	-0.13	2.1	0.28	-122.08	-33.71	0	0	-120	-35	8.27	7.57	7.06	6.5	5.78	4.9	3.85
D	6	919.8	-31.82	134.74	476021.67	6478459.17	231.68	177.61	112.93	120	118.75	54895.49	-0.13	2.14	0.54	-122.06	-33.73	0	0	-120	-35	8.34	7.63	7.12	6.55	5.83	4.93	3.85
D	6	920	-31.82	134.74	476021.13	6478472.45	231.53	177.48	112.64	120	118.89	54893.94	-0.14	2.16	0.75	-122.01	-33.77	0	0	-120	-35	8.4	7.69	7.18	6.61	5.87	4.95	3.85
D	6	920.2	-31.82	134.74	476020.58	6478485.73	231.39	177.4	112.51	120	118.88	54892.52	-0.14	2.18	0.91	-121.91	-33.83	0	0	-120	-35	8.47	7.75	7.24	6.66	5.91	4.98	3.85
D	6	920.4	-31.82	134.74	476020.04	6478499.01	231.27	177.36	112.58	120	118.69	54891.24	-0.14	2.19	1.02	-121.78	-33.9	0	0	-120	-35	8.53	7.81	7.3	6.72	5.95	5	3.85
D	6	920.6	-31.82	134.74	476019.5	6478512.28	231.17	177.36	112.82	120	118.34	54890.05	-0.14	2.2	1.14	-121.62	-33.95	0	0	-120	-35	8.59	7.87	7.35	6.76	5.99	5.01	3.84
D	6	920.8	-31.82	134.74	476018.98	6478525.56	231.07	177.36	113.11	120	117.96	54888.9	-0.14	2.19	1.36	-121.45	-34.05	0	0	-120	-35	8.64	7.92	7.39	6.8	6.01	5.02	3.82
D	6	921	-31.82	134.74	476018.46	6478538.83	230.99	177.37	113.38	120	117.61	54887.77	-0.14	2.18	1.68	-121.27	-34.15	0	0	-120	-35	8.68	7.96	7.43	6.84	6.03	5.01	3.79
D	6	921.2	-31.82	134.74	476017.95	6478552.1	230.92	177.37	113.56	120	117.36	54886.71	-0.14	2.15	1.99	-121.04	-34.25	0	0	-120	-35	8.72	8	7.46	6.86	6.04	5	3.76
D	6	921.4	-31.82	134.74	476017.47	6478565.37	230.85	177.38	113.63	120	117.23	54885.73	-0.14	2.1	2.25	-120.86	-34.34	0	0	-120	-35	8.75	8.02	7.48	6.88	6.04	4.98	3.72
D	6	921.6	-31.82	134.74	476017	6478578.63	230.79	177.4	113.6	120	117.2	54884.85	-0.15	2.07	2.5	-120.68	-34.49	0	0	-120	-35	8.77	8.04	7.5	6.88	6.03	4.96	3.68
D	6	921.8	-31.82	134.74	476016.56	6478591.89	230.74	177.44	113.46	120	117.28	54884.06	-0.15	2.05	2.75	-120.51	-34.58	0	0	-120	-35	8.8	8.06	7.51	6.89	6.03	4.93	3.64
D	6	922	-31.82	134.74	476016.15	6478605.15	230.69	177.49	113.19	120	117.51	54883.4	-0.15	2.03	3	-120.35	-34.71	0	0	-120	-35	8.82	8.07	7.52	6.89	6.01	4.9	3.59
D	6	922.2	-31.82	134.74	476015.77	6478618.41	230.65	177.55	112.8	120	117.84	54882.9	-0.15	2.02	3.24	-120.22	-34.81	0	0	-120	-35	8.84	8.08	7.53	6.89	6	4.88	3.56
D	6	922.4	-31.82	134.74	476015.43	6478631.66	230.6	177.62	112.37	120	118.23	54882.55	-0.15	2.03	3.44	-120.11	-34.94	0	0	-120	-35	8.86	8.09	7.53	6.88	5.98	4.85	3.52
D	6	922.6	-31.82	134.74	476015.12	6478644.91	230.56	177.67	112.03	120	118.53	54882.31	-0.14	2.03	3.6	-120.05	-35.04	0	0	-120	-35	8.86	8.09	7.53	6.87	5.97	4.82	3.49
D	6	922.8	-31.82	134.74	476014.85	6478658.16	230.52	177.7	111.92	120	118.6	54882.15	-0.14	2.06	3.71	-119.98	-35.15	0	0	-120	-35	8.86	8.09	7.53	6.86	5.95	4.8	3.46
D	6	923	-31.82	134.74	476014.62	6478671.41	230.49	177.69	112.07	120	118.42	54882.1	-0.14	2.11	3.77	-119.95	-35.21	0	0	-120	-35	8.85	8.08	7.52	6.84	5.93	4.78	3.44
D	6	923.2	-31.82	134.74	476014.42	6478684.66	230.45	177.65	112.45	120	118.01	54882.15	-0.13	2.15	3.77	-119.93	-35.28	0	0	-120	-35	8.84	8.07	7.5	6.82	5.91	4.75	3.42
D	6	923.4	-31.82	134.74	476014.27	6478697.91	230.42	177.6	112.9	120	117.53	54882.33	-0.13	2.17	3.72	-119.93	-35.34	0	0	-120	-35	8.82	8.06	7.48	6.8	5.88	4.73	3.39
D	6	923.6	-31.82	134.74	476014.16	6478711.16	230.4	177.54	113.25	120	117.14	54882.59	-0.12	2.17	3.62	-119.93	-35.39	0	0	-120	-35	8.8	8.04	7.46	6.78	5.86	4.7	3.37
D	6	923.8	-31.82	134.74	476014.08	6478724.41	230.37	177.48	113.45	120	116.93	54882.92	-0.12	2.18	3.46	-119.95	-35.43	0	0	-120	-35	8.78	8.02	7.44	6.76	5.83	4.67	3.35
D	6	924	-31.82	134.74	476014.03	6478737.65	230.35	177.43	113.49	120	116.86	54883.29	-0.11	2.17	3.23	-120	-35.46	0	0	-120	-35	8.77	8.01	7.43	6.74	5.8	4.64	3.32
D	6	924.2	-31.82	134.74	476014	6478750.9	230.33	177.39	113.44	120	116.89	54883.73	-0.11	2.18	2.94	-120.02	-35.45	0	0	-120	-35	8.75	8	7.41	6.72	5.78	4.61	3.29
D	6	924.4	-31.82	134.74	476014.01	6478764.14	230.31	177.36	113.38	120	116.93	54884.28	-0.1	2.21	2.62	-120.07	-35.48	0	0	-120	-35	8.74	7.98	7.4	6.7	5.75	4.58	3.27
D	6	924.6	-31.82	134.74	476014.05	6478777.38	230.29	177.32	113.31	120	116.98	54884.96	-0.09	2.24	2.28	-120.14	-35.49	0	0	-120	-35	8.73	7.97	7.39	6.68	5.73	4.55	3.24
D	6	924.8	-31.82	134.74	476014.11	6478790.62	230.27	177.27	113.21	120	117.06	54885.76	-0.08	2.25	1.96	-120.19	-35.47	0	0	-120	-35	8.72	7.96	7.38	6.67	5.71	4.53	3.23
D	6	925	-31.82	134.74	476014.19	6478803.87	230.25	177.21	113.11	120	117.15	54886.69	-0.07	2.26	1.67	-120.28	-35.47	0	0	-120	-35	8.71	7.95	7.37	6.66	5.7	4.52	3.22
D	6	925.2	-31.82	134.74	476014.29	6478817.11	230.23	177.14	113.06	120	117.17	54887.72	-0.06	2.29	1.45	-120.33	-35.45	0	0	-120	-35	8.69	7.94	7.36	6.65	5.7	4.51	3.22
D	6	925.4	-31.82	134.74	476014.42	6478830.35	230.21	177.07	113.12	120	117.09	54888.77	-0.05	2.34	1.27	-120.38	-35.43	0	0	-120	-35	8.67	7.93	7.35	6.65	5.69	4.52	3.23
D	6	925.6	-31.82	134.74	476014.55	6478843.59	230.19	176.98	113.33	120	116.86	54889.81	-0.04	2.42	1.06	-120.45	-35.39	0	0	-120	-35	8.64	7.91	7.34	6.64	5.7	4.53	3.24
D	6	925.8	-31.82	134.74	476014.7	6478856.83	230.17	176.85	113.63	120	116.54	54890.8	-0.02	2.54	0.85	-120.5	-35.37	0	0	-120	-35	8.61	7.89	7.32	6.64	5.7	4.55	3.27
D	6	926	-31.82	134.74	476014.85	6478870.08	230.16	176.73	113.94	120	116.22	54891.76	-0.01	2.61	0.6	-120.52	-35.36	0	0	-120	-35	8.57	7.86	7.3	6.63	5.71	4.57	3.31
D	6	926.2	-31.82	134.74	476014.99	6478883.33	230.16	176.61	114.21	120	115.95	54892.7	-0.01	2.6	0.28	-120.55	-35.35	0	0	-120	-35	8.52	7.83	7.28	6.62	5.72	4.6	3.35
D	6	926.4	-																									

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	934	-31.82	134.74	476012.02	6479403.46	230.95	177.36	113.15	120	117.8	54873.66	-0.04	2.48	-0.71	-119.39	-36.05	0	0	-120	-35	8.23	7.61	7.21	6.74	6.21	5.6	4.94
D	6	934.2	-31.82	134.74	476011.61	6479416.88	231.03	177.42	112.81	120	118.22	54873.22	-0.04	2.48	-0.73	-119.34	-35.96	0	0	-120	-35	8.19	7.57	7.17	6.7	6.17	5.57	4.91
D	6	934.4	-31.82	134.74	476011.19	6479430.29	231.09	177.52	112.15	120	118.94	54872.79	-0.04	2.47	-0.73	-119.28	-35.91	0	0	-120	-35	8.15	7.53	7.13	6.67	6.14	5.54	4.88
D	6	934.6	-31.82	134.74	476010.75	6479443.72	231.15	177.65	111.36	120	119.79	54872.37	-0.04	2.43	-0.7	-119.25	-35.79	0	0	-120	-35	8.12	7.5	7.1	6.64	6.11	5.51	4.86
D	6	934.8	-31.82	134.74	476010.31	6479457.14	231.19	177.77	110.6	120	120.59	54871.98	-0.04	2.35	-0.61	-119.24	-35.71	0	0	-120	-35	8.1	7.48	7.08	6.62	6.09	5.5	4.85
D	6	935	-31.82	134.74	476009.86	6479470.57	231.23	177.87	110.09	120	121.15	54871.61	-0.04	2.28	-0.42	-119.27	-35.59	0	0	-120	-35	8.08	7.46	7.06	6.61	6.08	5.48	4.84
D	6	935.2	-31.82	134.74	476009.41	6479484	231.27	177.95	109.91	120	121.36	54871.27	-0.03	2.25	-0.18	-119.31	-35.5	0	0	-120	-35	8.07	7.45	7.05	6.6	6.07	5.48	4.83
D	6	935.4	-31.81	134.74	476008.95	6479497.44	231.3	178.04	110.08	120	121.22	54870.93	-0.03	2.24	0.08	-119.38	-35.35	0	0	-120	-35	8.05	7.44	7.03	6.59	6.06	5.47	4.83
D	6	935.6	-31.81	134.74	476008.5	6479510.88	231.33	178.14	110.51	120	120.82	54870.58	-0.03	2.25	0.37	-119.46	-35.22	0	0	-120	-35	8.02	7.42	7.01	6.57	6.04	5.46	4.82
D	6	935.8	-31.81	134.74	476008.05	6479524.32	231.36	178.24	111.06	120	120.3	54870.2	-0.03	2.25	0.64	-119.55	-35.03	0	0	-120	-35	7.99	7.4	6.99	6.55	6.02	5.44	4.81
D	6	936	-31.81	134.74	476007.61	6479537.77	231.38	178.35	111.6	120	119.78	54869.81	-0.03	2.23	0.88	-119.67	-34.82	0	0	-120	-35	7.94	7.37	6.96	6.52	6	5.42	4.79
D	6	936.2	-31.81	134.74	476007.18	6479551.22	231.4	178.45	112.08	120	119.32	54869.41	-0.03	2.21	1.1	-119.78	-34.61	0	0	-120	-35	7.9	7.34	6.92	6.49	5.97	5.4	4.77
D	6	936.4	-31.81	134.74	476006.77	6479564.67	231.42	178.52	112.45	120	118.96	54869.02	-0.04	2.19	1.29	-119.87	-34.41	0	0	-120	-35	7.86	7.31	6.89	6.46	5.95	5.38	4.75
D	6	936.6	-31.81	134.74	476006.38	6479578.12	231.43	178.57	112.73	120	118.7	54868.64	-0.04	2.19	1.49	-119.96	-34.21	0	0	-120	-35	7.83	7.29	6.87	6.44	5.93	5.36	4.74
D	6	936.8	-31.81	134.74	476006	6479591.58	231.45	178.58	112.9	120	118.55	54868.26	-0.04	2.22	1.74	-120.03	-34.03	0	0	-120	-35	7.8	7.27	6.85	6.42	5.92	5.35	4.73
D	6	937	-31.81	134.74	476005.65	6479605.04	231.47	178.58	112.95	120	118.52	54867.92	-0.04	2.25	2.02	-120.09	-33.9	0	0	-120	-35	7.79	7.26	6.84	6.41	5.91	5.34	4.73
D	6	937.2	-31.81	134.74	476005.33	6479618.49	231.49	178.57	112.92	120	118.58	54867.63	-0.04	2.26	2.28	-120.12	-33.81	0	0	-120	-35	7.78	7.25	6.83	6.4	5.9	5.34	4.73
D	6	937.4	-31.81	134.74	476005.02	6479631.95	231.51	178.57	112.82	120	118.69	54867.38	-0.04	2.26	2.5	-120.12	-33.73	0	0	-120	-35	7.77	7.24	6.82	6.4	5.9	5.34	4.73
D	6	937.6	-31.81	134.74	476004.75	6479645.41	231.54	178.59	112.73	120	118.81	54867.15	-0.03	2.27	2.65	-120.11	-33.68	0	0	-120	-35	7.76	7.23	6.82	6.4	5.9	5.34	4.73
D	6	937.8	-31.81	134.74	476004.5	6479658.87	231.58	178.62	112.7	120	118.88	54866.92	-0.03	2.3	2.75	-120.09	-33.67	0	0	-120	-35	7.75	7.23	6.81	6.39	5.9	5.33	4.72
D	6	938	-31.81	134.74	476004.27	6479672.34	231.63	178.65	112.73	120	118.9	54866.65	-0.03	2.37	2.76	-120.08	-33.67	0	0	-120	-35	7.73	7.21	6.8	6.39	5.89	5.33	4.72
D	6	938.2	-31.81	134.74	476004.06	6479685.8	231.7	178.68	112.77	120	118.93	54866.36	-0.03	2.45	2.67	-120.03	-33.66	0	0	-120	-35	7.72	7.2	6.79	6.38	5.88	5.32	4.71
D	6	938.4	-31.81	134.74	476003.87	6479699.26	231.79	178.74	112.76	120	119.03	54866.08	-0.03	2.53	2.5	-120	-33.69	0	0	-120	-35	7.7	7.19	6.78	6.37	5.88	5.32	4.71
D	6	938.6	-31.81	134.74	476003.71	6479712.72	231.88	178.82	112.57	120	119.31	54865.87	-0.03	2.57	2.3	-119.95	-33.73	0	0	-120	-35	7.68	7.18	6.77	6.36	5.87	5.31	4.7
D	6	938.8	-31.81	134.74	476003.57	6479726.18	231.98	178.92	112.17	120	119.82	54865.72	-0.03	2.56	2.15	-119.89	-33.8	0	0	-120	-35	7.66	7.17	6.76	6.35	5.86	5.3	4.69
D	6	939	-31.81	134.74	476003.45	6479739.63	232.08	179.06	111.6	120	120.48	54865.61	-0.03	2.53	2.07	-119.82	-33.82	0	0	-120	-35	7.64	7.15	6.74	6.34	5.85	5.29	4.68
D	6	939.2	-31.81	134.74	476003.35	6479753.09	232.18	179.22	110.99	120	121.19	54865.49	-0.02	2.47	2.06	-119.76	-33.89	0	0	-120	-35	7.62	7.14	6.73	6.33	5.83	5.28	4.67
D	6	939.4	-31.81	134.74	476003.28	6479766.55	232.28	179.39	110.53	120	121.75	54865.36	-0.02	2.44	2.08	-119.7	-33.91	0	0	-120	-35	7.59	7.12	6.71	6.31	5.82	5.27	4.66
D	6	939.6	-31.81	134.74	476003.22	6479780	232.38	179.54	110.36	120	122.01	54865.21	-0.02	2.44	2.08	-119.65	-33.92	0	0	-120	-35	7.57	7.1	6.69	6.3	5.8	5.25	4.65
D	6	939.8	-31.81	134.74	476003.19	6479793.45	232.47	179.64	110.52	120	121.95	54865.03	-0.02	2.45	2.09	-119.59	-33.94	0	0	-120	-35	7.54	7.08	6.68	6.28	5.79	5.24	4.63
D	6	940	-31.81	134.74	476003.18	6479806.9	232.56	179.7	110.9	120	121.66	54864.82	-0.01	2.46	2.12	-119.57	-33.94	0	0	-120	-35	7.51	7.06	6.66	6.26	5.78	5.23	4.62
D	6	940.2	-31.81	134.74	476003.2	6479820.35	232.65	179.73	111.38	120	121.27	54864.56	-0.01	2.48	2.15	-119.54	-33.95	0	0	-120	-35	7.49	7.04	6.64	6.25	5.76	5.22	4.61
D	6	940.4	-31.81	134.74	476003.24	6479833.8	232.74	179.75	111.82	120	120.92	54864.27	-0.01	2.52	2.13	-119.52	-33.94	0	0	-120	-35	7.48	7.02	6.63	6.24	5.76	5.21	4.6
D	6	940.6	-31.81	134.74	476003.3	6479847.24	232.83	179.78	112.13	120	120.7	54863.94	-0.01	2.57	2.04	-119.51	-33.93	0	0	-120	-35	7.47	7	6.62	6.23	5.75	5.2	4.6
D	6	940.8	-31.81	134.74	476003.38	6479860.69	232.93	179.82	112.33	120	120.6	54863.57	-0.01	2.67	1.87	-119.47	-33.94	0	0	-120	-35	7.46	6.98	6.61	6.22	5.74	5.19	4.59
D	6	941	-31.81	134.74	476003.48	6479874.13	233.05	179.88	112.41	120	120.64	54863.19	-0.02	2.81	1.63	-119.48	-33.96	0	0	-120	-35	7.46	6.96	6.6	6.21	5.73	5.18	4.58
D	6	941.2	-31.81	134.74	476003.6	6479887.56	233.19	179.95	112.36	120	120.82	54862.79	-0.02	2.96	1.4	-119.47	-33.99	0	0	-120	-35	7.44	6.94	6.59	6.2	5.72	5.17	4.57
D	6	941.4	-31.81	134.74	476003.73	6479900.99	233.34	180.01	112.2	120	121.14	54862.36	-0.02	3.05	1.2	-119.5	-34.04	0	0	-120	-35	7.42	6.92	6.57	6.19	5.71	5.16	4.56
D	6	941.6	-31.81	134.74	476003.88	6479914.42	233.5	180.09	111.91	120	121.6	54861.89	-0.02	3.1	1.01	-119.49	-34.11	0	0	-120	-35	7.4	6.9	6.55	6.17	5.69	5.15	4.55
D	6	941.8	-31.81	134.74	476004.02	6479927.84	233.68	180.18	111.55	120	122.14	54861.38	-0.02	3.12	0.82	-119.48	-34.19	0	0	-120	-35	7.37	6.88	6.53	6.15	5.67	5.13	4.53
D	6	942	-31.81	134.74	476004.17	6479941.27	233.87	180.29	111.18	120	122.69	54860.85	-0.03	3.11	0.6	-119.49	-34.29	0	0	-120	-35	7.33	6.85	6.5	6.12	5.65	5.11	4.51
D	6	942.2	-31.81	134.74	476004.32	6479954.68	234.07	180.44	110.82	120	123.25	54860.33	-0.03	3.07	0.36	-119.46	-34.42	0	0	-120	-35	7.29	6.82	6.47	6.1	5.62	5.09	4.49
D	6	942.4	-31.81	134.74	476004.47	6479968.1	234.29	180.63	110.52	120	123.77	54859.82	-0.03	3.02	0.12	-119.43	-34.54	0	0	-120	-35	7.25	6.79	6.44	6.07	5.6	5.06	4.47
D	6	942.6	-31.81	134.74	476004.61	6479981.51	234.5	180.84	110.27	120	124.23	54859.31	-0.04	2.96	-0.07	-119.38	-34.64	0	0	-120	-35	7.22	6.76	6.41	6.04	5.57	5.04	4.45
D	6	942.8</																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	950.4	-31.81	134.74	476002.63	6480506.03	237.32	183.86	116.9	120	120.42	54860.72	0.01	2.32	0.06	-119.78	-34.31	0	0	-120	-35	6.87	6.43	6.08	5.74	5.31	4.83	4.29
D	6	950.6	-31.81	134.74	476002.41	6480519.53	237.43	184.02	116.92	120	120.51	54860.31	0.01	2.26	0.18	-119.71	-34.47	0	0	-120	-35	6.87	6.43	6.08	5.74	5.31	4.83	4.29
D	6	950.8	-31.81	134.74	476002.19	6480533.02	237.53	184.15	116.92	120	120.6	54859.93	0.01	2.23	0.29	-119.61	-34.56	0	0	-120	-35	6.87	6.42	6.08	5.73	5.31	4.83	4.29
D	6	951	-31.81	134.74	476001.96	6480546.52	237.61	184.27	116.93	120	120.68	54859.54	0.01	2.23	0.37	-119.57	-34.65	0	0	-120	-35	6.86	6.42	6.08	5.73	5.31	4.82	4.29
D	6	951.2	-31.81	134.74	476001.74	6480560.02	237.69	184.36	116.93	120	120.75	54859.11	0.01	2.21	0.45	-119.51	-34.71	0	0	-120	-35	6.86	6.42	6.08	5.73	5.3	4.82	4.29
D	6	951.4	-31.81	134.74	476001.52	6480573.51	237.75	184.44	116.95	120	120.8	54858.62	0	2.2	0.54	-119.49	-34.73	0	0	-120	-35	6.86	6.42	6.08	5.73	5.3	4.82	4.29
D	6	951.6	-31.81	134.74	476001.29	6480587.01	237.81	184.5	116.97	120	120.84	54858.08	0	2.19	0.63	-119.47	-34.75	0	0	-120	-35	6.85	6.42	6.07	5.72	5.3	4.82	4.29
D	6	951.8	-31.8	134.74	476001.07	6480600.51	237.86	184.56	117.01	120	120.85	54857.52	0	2.18	0.7	-119.45	-34.72	0	0	-120	-35	6.84	6.41	6.06	5.72	5.29	4.81	4.28
D	6	952	-31.8	134.74	476000.86	6480614.01	237.92	184.61	117.06	120	120.85	54856.94	0	2.2	0.75	-119.47	-34.7	0	0	-120	-35	6.83	6.4	6.06	5.71	5.29	4.81	4.28
D	6	952.2	-31.8	134.74	476000.65	6480627.51	237.97	184.66	117.13	120	120.85	54856.36	-0.01	2.23	0.8	-119.47	-34.65	0	0	-120	-35	6.82	6.39	6.05	5.7	5.28	4.8	4.27
D	6	952.4	-31.8	134.74	476000.44	6480641.01	238.03	184.72	117.2	120	120.83	54855.77	-0.01	2.26	0.83	-119.49	-34.57	0	0	-120	-35	6.81	6.38	6.04	5.69	5.27	4.8	4.27
D	6	952.6	-31.8	134.74	476000.24	6480654.51	238.09	184.79	117.27	120	120.82	54855.16	-0.01	2.29	0.85	-119.53	-34.53	0	0	-120	-35	6.8	6.37	6.03	5.69	5.27	4.79	4.27
D	6	952.8	-31.8	134.74	476000.04	6480668.01	238.16	184.88	117.34	120	120.82	54854.49	-0.01	2.33	0.85	-119.55	-34.46	0	0	-120	-35	6.79	6.36	6.03	5.68	5.27	4.79	4.27
D	6	953	-31.8	134.74	475999.85	6480681.51	238.24	184.98	117.43	120	120.81	54853.79	-0.01	2.37	0.8	-119.59	-34.41	0	0	-120	-35	6.79	6.35	6.03	5.68	5.27	4.79	4.27
D	6	953.2	-31.8	134.74	475999.66	6480695.01	238.33	185.09	117.49	120	120.84	54853.12	-0.02	2.4	0.71	-119.63	-34.37	0	0	-120	-35	6.79	6.35	6.02	5.68	5.26	4.79	4.27
D	6	953.4	-31.8	134.74	475999.48	6480708.51	238.43	185.2	117.51	120	120.91	54852.5	-0.02	2.42	0.62	-119.68	-34.33	0	0	-120	-35	6.79	6.34	6.02	5.67	5.26	4.79	4.26
D	6	953.6	-31.8	134.74	475999.31	6480722.01	238.53	185.3	117.44	120	121.09	54851.92	-0.02	2.43	0.55	-119.7	-34.3	0	0	-120	-35	6.78	6.33	6.02	5.67	5.26	4.78	4.26
D	6	953.8	-31.8	134.74	475999.14	6480735.51	238.64	185.4	117.23	120	121.42	54851.31	-0.03	2.44	0.5	-119.72	-34.27	0	0	-120	-35	6.77	6.32	6.01	5.66	5.25	4.77	4.26
D	6	954	-31.8	134.74	475998.97	6480749.01	238.76	185.51	116.82	120	121.94	54850.66	-0.03	2.44	0.47	-119.74	-34.25	0	0	-120	-35	6.76	6.3	5.99	5.64	5.24	4.76	4.25
D	6	954.2	-31.8	134.74	475998.8	6480762.51	238.88	185.64	116.21	120	122.67	54849.95	-0.04	2.44	0.43	-119.74	-34.25	0	0	-120	-35	6.74	6.28	5.98	5.63	5.22	4.75	4.24
D	6	954.4	-31.8	134.74	475998.64	6480776	239.01	185.78	115.38	120	123.63	54849.22	-0.04	2.44	0.4	-119.74	-34.25	0	0	-120	-35	6.73	6.27	5.97	5.61	5.21	4.74	4.23
D	6	954.6	-31.8	134.74	475998.49	6480789.49	239.14	185.95	114.36	120	124.78	54848.53	-0.05	2.42	0.41	-119.76	-34.23	0	0	-120	-35	6.71	6.25	5.95	5.6	5.2	4.74	4.23
D	6	954.8	-31.8	134.74	475998.34	6480802.98	239.26	186.13	113.21	120	126.06	54847.91	-0.05	2.37	0.46	-119.78	-34.26	0	0	-120	-35	6.7	6.24	5.94	5.59	5.19	4.73	4.22
D	6	955	-31.8	134.74	475998.2	6480816.47	239.39	186.33	112.07	120	127.32	54847.36	-0.06	2.29	0.53	-119.78	-34.26	0	0	-120	-35	6.69	6.23	5.92	5.58	5.18	4.72	4.22
D	6	955.2	-31.8	134.74	475998.06	6480829.97	239.51	186.53	111.11	120	128.4	54846.87	-0.06	2.2	0.64	-119.78	-34.27	0	0	-120	-35	6.68	6.22	5.91	5.57	5.17	4.72	4.22
D	6	955.4	-31.8	134.74	475997.93	6480843.46	239.63	186.73	110.49	120	129.14	54846.44	-0.06	2.13	0.77	-119.77	-34.28	0	0	-120	-35	6.66	6.21	5.9	5.56	5.16	4.71	4.21
D	6	955.6	-31.8	134.74	475997.82	6480856.95	239.74	186.89	110.29	120	129.46	54846.07	-0.07	2.07	0.92	-119.77	-34.28	0	0	-120	-35	6.65	6.2	5.88	5.55	5.15	4.7	4.2
D	6	955.8	-31.8	134.74	475997.72	6480870.44	239.85	187.03	110.38	120	129.46	54845.76	-0.07	2.01	1.06	-119.79	-34.28	0	0	-120	-35	6.63	6.19	5.86	5.53	5.14	4.69	4.19
D	6	956	-31.8	134.74	475997.63	6480883.93	239.95	187.12	110.61	120	129.34	54845.49	-0.07	1.99	1.11	-119.79	-34.28	0	0	-120	-35	6.61	6.17	5.84	5.51	5.12	4.67	4.18
D	6	956.2	-31.8	134.74	475997.57	6480897.42	240.05	187.16	110.78	120	129.26	54845.29	-0.07	2.01	1.06	-119.78	-34.25	0	0	-120	-35	6.59	6.15	5.82	5.49	5.1	4.66	4.16
D	6	956.4	-31.8	134.74	475997.52	6480910.9	240.14	187.19	110.79	120	129.35	54845.2	-0.08	2.07	0.95	-119.8	-34.24	0	0	-120	-35	6.56	6.13	5.8	5.47	5.08	4.64	4.15
D	6	956.6	-31.8	134.74	475997.48	6480924.39	240.23	187.19	110.71	120	129.52	54845.2	-0.08	2.12	0.83	-119.82	-34.23	0	0	-120	-35	6.54	6.11	5.78	5.45	5.06	4.63	4.13
D	6	956.8	-31.8	134.74	475997.46	6480937.88	240.32	187.2	110.72	120	129.61	54845.3	-0.08	2.16	0.72	-119.85	-34.2	0	0	-120	-35	6.52	6.09	5.76	5.43	5.05	4.61	4.12
D	6	957	-31.8	134.74	475997.46	6480951.37	240.42	187.23	110.99	120	129.43	54845.5	-0.07	2.18	0.65	-119.87	-34.19	0	0	-120	-35	6.51	6.08	5.74	5.42	5.04	4.6	4.11
D	6	957.2	-31.8	134.74	475997.46	6480964.85	240.53	187.27	111.63	120	128.9	54845.84	-0.07	2.2	0.58	-119.91	-34.16	0	0	-120	-35	6.5	6.06	5.73	5.41	5.02	4.59	4.1
D	6	957.4	-31.8	134.74	475997.47	6480978.34	240.64	187.34	112.56	120	128.07	54846.3	-0.07	2.22	0.53	-119.94	-34.13	0	0	-120	-35	6.49	6.05	5.71	5.39	5.01	4.58	4.09
D	6	957.6	-31.8	134.74	475997.48	6480991.83	240.76	187.39	113.65	120	127.11	54846.85	-0.06	2.25	0.47	-119.96	-34.12	0	0	-120	-35	6.47	6.04	5.7	5.38	5	4.57	4.08
D	6	957.8	-31.8	134.74	475997.5	6481005.31	240.88	187.45	114.69	120	126.19	54847.47	-0.06	2.3	0.38	-120	-34.09	0	0	-120	-35	6.46	6.02	5.68	5.37	4.99	4.56	4.07
D	6	958	-31.8	134.74	475997.52	6481018.8	241.01	187.49	115.59	120	125.43	54848.15	-0.05	2.34	0.25	-120.02	-34.08	0	0	-120	-35	6.45	6	5.67	5.36	4.98	4.55	4.06
D	6	958.2	-31.8	134.74	475997.54	6481032.28	241.15	187.53	116.29	120	124.86	54848.86	-0.04	2.38	0.1	-120.06	-34.09	0	0	-120	-35	6.43	5.99	5.66	5.35	4.97	4.54	4.05
D	6	958.4	-31.8	134.74	475997.56	6481045.77	241.29	187.6	116.82	120	124.47	54849.59	-0.04	2.4	-0.07	-120.08	-34.08	0	0	-120	-35	6.42	5.97	5.65	5.34	4.96	4.53	4.05
D	6	958.6	-31.8	134.74	475997.56	6481059.25	241.43	187.69	117.25	120	124.19	54850.33	-0.03	2.41	-0.25	-120.07	-34.08	0	0	-120	-35	6.4	5.96	5.64	5.33	4.95	4.53	4.04
D	6	958.8	-31.8	134.74	475997.56	6481072.73	241.58	187.81	117.6	120	123.98	54851.07	-0.03	2.41	-0.44	-120.11	-34.09	0	0	-120	-35	6.38	5.94	5.63	5.31	4.94	4.51	4.03
D	6	959	-31.8	134.74	475997.55	6481086.22	241.72	187.96	117.88	120	123.84	54851.82	-0.02	2.4	-0.6	-120.11	-34.09	0	0	-120	-35	6.36	5.92	5.61	5.3	4.93	4.5	4.01
D	6	959.2	-31.8	134.74	475997.																							

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	966.8	-31.8	134.74	475996.32	6481611.75	245.08	192.14	120.4	120	124.67	54904.13	0.21	1.43	0.71	-120.64	-33.11	0	0	-120	-35	5.75	5.33	5.04	4.76	4.4	3.98	3.47
D	6	967	-31.8	134.74	475996.47	6481625.23	245.05	192.11	120.77	120	124.28	54905.85	0.22	1.36	0.58	-120.67	-33.09	0	0	-120	-35	5.74	5.33	5.04	4.76	4.4	3.98	3.46
D	6	967.2	-31.8	134.74	475996.63	6481638.72	245.01	192.08	121.14	120	123.86	54907.27	0.23	1.33	0.47	-120.68	-33.04	0	0	-120	-35	5.73	5.33	5.03	4.75	4.4	3.97	3.45
D	6	967.4	-31.8	134.74	475996.8	6481652.21	244.95	192.05	121.39	120	123.56	54908.41	0.24	1.32	0.39	-120.71	-32.97	0	0	-120	-35	5.73	5.33	5.03	4.75	4.39	3.97	3.44
D	6	967.6	-31.8	134.74	475996.97	6481665.7	244.88	192.01	121.41	120	123.47	54909.27	0.24	1.29	0.35	-120.7	-32.88	0	0	-120	-35	5.72	5.33	5.03	4.75	4.39	3.96	3.44
D	6	967.8	-31.8	134.74	475997.15	6481679.19	244.79	191.94	121.21	120	123.59	54909.83	0.24	1.22	0.37	-120.73	-32.81	0	0	-120	-35	5.72	5.34	5.03	4.75	4.39	3.96	3.43
D	6	968	-31.8	134.74	475997.35	6481692.69	244.69	191.84	120.88	120	123.8	54910.03	0.24	1.1	0.43	-120.74	-32.71	0	0	-120	-35	5.72	5.35	5.04	4.75	4.39	3.96	3.43
D	6	968.2	-31.79	134.74	475997.55	6481706.19	244.56	191.71	120.63	120	123.93	54909.84	0.23	0.97	0.5	-120.77	-32.64	0	0	-120	-35	5.72	5.35	5.04	4.76	4.39	3.96	3.42
D	6	968.4	-31.79	134.74	475997.77	6481719.69	244.41	191.54	120.55	120	123.86	54909.33	0.23	0.86	0.57	-120.78	-32.54	0	0	-120	-35	5.73	5.36	5.05	4.76	4.4	3.96	3.42
D	6	968.6	-31.79	134.74	475998	6481733.19	244.24	191.34	120.64	120	123.6	54908.55	0.22	0.76	0.64	-120.8	-32.43	0	0	-120	-35	5.74	5.37	5.06	4.77	4.41	3.96	3.42
D	6	968.8	-31.79	134.74	475998.23	6481746.7	244.05	191.11	120.78	120	123.27	54907.56	0.2	0.7	0.69	-120.83	-32.32	0	0	-120	-35	5.75	5.38	5.07	4.78	4.41	3.97	3.42
D	6	969	-31.79	134.74	475998.48	6481760.21	243.85	190.85	120.81	120	123.04	54906.36	0.19	0.66	0.72	-120.87	-32.2	0	0	-120	-35	5.77	5.4	5.09	4.8	4.43	3.98	3.43
D	6	969.2	-31.79	134.74	475998.75	6481773.72	243.63	190.55	120.68	120	122.96	54904.96	0.17	0.64	0.72	-120.91	-32.08	0	0	-120	-35	5.8	5.42	5.11	4.82	4.44	3.99	3.44
D	6	969.4	-31.79	134.74	475999.02	6481787.24	243.4	190.23	120.41	120	122.99	54903.39	0.15	0.63	0.69	-120.94	-31.97	0	0	-120	-35	5.83	5.44	5.14	4.84	4.46	4.01	3.45
D	6	969.6	-31.79	134.74	475999.3	6481800.75	243.16	189.91	120.09	120	123.07	54901.69	0.13	0.63	0.64	-121	-31.84	0	0	-120	-35	5.86	5.46	5.17	4.86	4.48	4.02	3.46
D	6	969.8	-31.79	134.74	475999.6	6481814.27	242.91	189.62	119.77	120	123.14	54899.91	0.12	0.64	0.59	-121.07	-31.75	0	0	-120	-35	5.9	5.49	5.2	4.89	4.5	4.04	3.47
D	6	970	-31.79	134.74	475999.91	6481827.8	242.66	189.34	119.49	120	123.17	54898.13	0.1	0.67	0.55	-121.1	-31.65	0	0	-120	-35	5.93	5.52	5.23	4.91	4.53	4.06	3.48
D	6	970.2	-31.79	134.74	476000.23	6481841.33	242.41	189.04	119.25	120	123.16	54896.41	0.08	0.7	0.51	-121.15	-31.59	0	0	-120	-35	5.96	5.55	5.26	4.94	4.55	4.08	3.49
D	6	970.4	-31.79	134.74	476000.56	6481854.86	242.16	188.72	119.06	120	123.1	54894.77	0.06	0.7	0.46	-121.19	-31.53	0	0	-120	-35	6	5.58	5.29	4.97	4.57	4.1	3.51
D	6	970.6	-31.79	134.74	476000.89	6481868.4	241.91	188.36	118.92	120	122.99	54893.19	0.05	0.69	0.39	-121.24	-31.48	0	0	-120	-35	6.03	5.62	5.32	5	4.6	4.12	3.52
D	6	970.8	-31.79	134.74	476001.23	6481881.94	241.66	187.98	118.78	120	122.88	54891.7	0.04	0.68	0.29	-121.24	-31.46	0	0	-120	-35	6.07	5.66	5.35	5.02	4.62	4.14	3.54
D	6	971	-31.79	134.74	476001.56	6481895.48	241.41	187.6	118.56	120	122.84	54890.33	0.03	0.68	0.16	-121.27	-31.44	0	0	-120	-35	6.11	5.69	5.38	5.05	4.65	4.16	3.55
D	6	971.2	-31.79	134.74	476001.89	6481909.03	241.15	187.25	118.26	120	122.89	54889.17	0.02	0.67	0.02	-121.29	-31.46	0	0	-120	-35	6.15	5.72	5.41	5.08	4.67	4.18	3.56
D	6	971.4	-31.79	134.74	476002.22	6481922.58	240.9	186.93	117.91	120	122.99	54888.26	0.01	0.64	-0.14	-121.27	-31.47	0	0	-120	-35	6.19	5.76	5.44	5.11	4.7	4.19	3.57
D	6	971.6	-31.79	134.74	476002.54	6481936.14	240.64	186.66	117.59	120	123.06	54887.61	0.01	0.6	-0.28	-121.28	-31.52	0	0	-120	-35	6.23	5.79	5.47	5.14	4.72	4.21	3.58
D	6	971.8	-31.79	134.74	476002.85	6481949.7	240.38	186.41	117.34	120	123.04	54887.14	0.01	0.54	-0.4	-121.26	-31.53	0	0	-120	-35	6.28	5.82	5.5	5.17	4.75	4.23	3.59
D	6	972	-31.79	134.74	476003.14	6481963.26	240.12	186.17	117.13	120	122.98	54886.85	0.01	0.49	-0.52	-121.26	-31.58	0	0	-120	-35	6.32	5.86	5.54	5.2	4.78	4.25	3.6
D	6	972.2	-31.79	134.74	476003.43	6481976.84	239.85	185.93	116.91	120	122.94	54886.74	0.02	0.43	-0.62	-121.24	-31.6	0	0	-120	-35	6.37	5.9	5.58	5.24	4.81	4.27	3.61
D	6	972.4	-31.79	134.74	476003.7	6481990.41	239.57	185.68	116.64	120	122.93	54886.84	0.03	0.38	-0.7	-121.23	-31.62	0	0	-120	-35	6.41	5.94	5.62	5.28	4.84	4.3	3.62
D	6	972.6	-31.79	134.74	476003.95	6482004	239.29	185.41	116.31	120	122.98	54887.16	0.04	0.32	-0.78	-121.2	-31.64	0	0	-120	-35	6.46	5.99	5.66	5.32	4.87	4.32	3.63
D	6	972.8	-31.79	134.74	476004.2	6482017.59	238.99	185.13	115.95	120	123.05	54887.64	0.05	0.26	-0.85	-121.2	-31.65	0	0	-120	-35	6.51	6.04	5.71	5.36	4.91	4.35	3.64
D	6	973	-31.79	134.74	476004.42	6482031.19	238.68	184.85	115.59	120	123.09	54888.21	0.06	0.18	-0.91	-121.2	-31.66	0	0	-120	-35	6.56	6.09	5.76	5.41	4.95	4.38	3.65
D	6	973.2	-31.79	134.74	476004.64	6482044.79	238.35	184.53	115.21	120	123.14	54888.8	0.08	0.1	-0.96	-121.17	-31.65	0	0	-120	-35	6.62	6.15	5.82	5.45	5	4.41	3.67
D	6	973.4	-31.79	134.74	476004.84	6482058.4	238.01	184.19	114.83	120	123.18	54889.4	0.09	0.03	-0.99	-121.18	-31.6	0	0	-120	-35	6.69	6.21	5.88	5.51	5.04	4.44	3.68
D	6	973.6	-31.79	134.74	476005.03	6482072.02	237.66	183.82	114.47	120	123.19	54890	0.11	0.03	-0.97	-121.18	-31.57	0	0	-120	-35	6.75	6.27	5.93	5.56	5.09	4.48	3.7
D	6	973.8	-31.79	134.74	476005.21	6482085.65	237.31	183.44	114.15	120	123.16	54890.52	0.12	0.14	-0.92	-121.2	-31.52	0	0	-120	-35	6.82	6.33	5.99	5.62	5.14	4.52	3.73
D	6	974	-31.79	134.74	476005.38	6482099.28	236.98	183.08	113.92	120	123.06	54890.92	0.13	0.3	-0.8	-121.24	-31.45	0	0	-120	-35	6.89	6.39	6.05	5.67	5.19	4.55	3.75
D	6	974.2	-31.79	134.74	476005.54	6482112.92	236.66	182.74	113.7	120	122.95	54891.15	0.14	0.45	-0.66	-121.29	-31.38	0	0	-120	-35	6.95	6.45	6.11	5.72	5.23	4.59	3.77
D	6	974.4	-31.79	134.74	476005.7	6482126.56	236.35	182.42	113.44	120	122.91	54891.17	0.15	0.6	-0.5	-121.34	-31.31	0	0	-120	-35	7.01	6.51	6.16	5.78	5.28	4.63	3.8
D	6	974.6	-31.79	134.74	476005.85	6482140.21	236.07	182.15	113.04	120	123.03	54891	0.16	0.74	-0.34	-121.41	-31.27	0	0	-120	-35	7.07	6.57	6.21	5.83	5.32	4.66	3.82
D	6	974.8	-31.79	134.74	476006	6482153.86	235.81	181.91	112.5	120	123.31	54890.66	0.16	0.88	-0.19	-121.44	-31.23	0	0	-120	-35	7.13	6.62	6.27	5.87	5.36	4.7	3.85
D	6	975	-31.79	134.74	476006.15	6482167.51	235.58	181.7	111.9	120	123.68	54890.15	0.16	1.03	-0.04	-121.49	-31.27	0	0	-120	-35	7.19	6.67	6.32	5.92	5.4	4.73	3.88
D	6	975.2	-31.79	134.74	476006.3	6482181.17	235.39	181.52	111.39	120	124	54889.48	0.16	1.17	0.11	-121.5	-31.31	0	0	-120	-35	7.26	6.74	6.37	5.97	5.45	4.77	3.91
D	6	975.4	-31.79	134.74	476006.46	6482194.82	235.23	181.35	111.09	120	124.14	54888.63	0.16	1.3	0.26	-121.5	-31.41	0	0	-120	-35	7.32	6.79	6.42	6.02	5.49	4.81	3.95
D	6	975.6	-31.79	1																								

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	983.2	-31.79	134.74	476010.25	6482724.13	238.22	184.32	104.62	120	133.6	54830.29	0.05	2.86	1.05	-120.08	-34.79	0	0	-120	-35	7.33	6.7	6.33	5.91	5.37	4.69	3.85
D	6	983.4	-31.79	134.74	476010.28	6482737.55	238.5	184.68	105.08	120	133.42	54828.2	0.05	2.82	1.07	-120	-34.87	0	0	-120	-35	7.28	6.65	6.28	5.86	5.32	4.65	3.81
D	6	983.6	-31.79	134.74	476010.3	6482750.97	238.77	185.03	105.56	120	133.21	54826.14	0.04	2.77	1.06	-119.93	-34.93	0	0	-120	-35	7.24	6.6	6.23	5.81	5.27	4.6	3.76
D	6	983.8	-31.79	134.74	476010.33	6482764.37	239.04	185.35	105.94	120	133.1	54824.08	0.04	2.72	1.02	-119.87	-35	0	0	-120	-35	7.2	6.56	6.19	5.77	5.23	4.56	3.72
D	6	984	-31.79	134.74	476010.36	6482777.76	239.3	185.67	106.21	120	133.09	54822	0.03	2.68	0.97	-119.81	-35.06	0	0	-120	-35	7.16	6.52	6.15	5.73	5.19	4.51	3.68
D	6	984.2	-31.79	134.74	476010.4	6482791.14	239.56	186	106.42	120	133.14	54819.9	0.03	2.64	0.94	-119.78	-35.09	0	0	-120	-35	7.13	6.48	6.11	5.69	5.14	4.47	3.64
D	6	984.4	-31.79	134.74	476010.43	6482804.52	239.81	186.32	106.59	120	133.22	54817.79	0.02	2.62	0.9	-119.74	-35.13	0	0	-120	-35	7.09	6.45	6.07	5.65	5.1	4.42	3.59
D	6	984.6	-31.78	134.74	476010.47	6482817.88	240.06	186.62	106.68	120	133.38	54815.69	0.02	2.61	0.88	-119.71	-35.17	0	0	-120	-35	7.05	6.41	6.02	5.61	5.06	4.37	3.53
D	6	984.8	-31.78	134.74	476010.52	6482831.24	240.3	186.88	106.59	120	133.72	54813.6	0.01	2.6	0.89	-119.7	-35.18	0	0	-120	-35	7	6.37	5.98	5.56	5.01	4.32	3.48
D	6	985	-31.78	134.74	476010.58	6482844.58	240.54	187.11	106.37	120	134.17	54811.54	0.01	2.59	0.91	-119.7	-35.15	0	0	-120	-35	6.96	6.33	5.93	5.52	4.96	4.27	3.42
D	6	985.2	-31.78	134.74	476010.64	6482857.92	240.78	187.32	106.16	120	134.63	54809.51	0	2.59	0.96	-119.73	-35.13	0	0	-120	-35	6.92	6.29	5.89	5.48	4.92	4.21	3.35
D	6	985.4	-31.78	134.74	476010.72	6482871.26	241.02	187.52	106.13	120	134.89	54807.51	-0.01	2.6	1.03	-119.74	-35.09	0	0	-120	-35	6.88	6.25	5.86	5.44	4.88	4.16	3.29
D	6	985.6	-31.78	134.74	476010.8	6482884.58	241.26	187.7	106.44	120	134.82	54805.59	-0.01	2.6	1.09	-119.77	-35.03	0	0	-120	-35	6.84	6.22	5.82	5.41	4.84	4.11	3.23
D	6	985.8	-31.78	134.74	476010.89	6482897.89	241.51	187.88	107.03	120	134.48	54803.8	-0.01	2.61	1.17	-119.82	-34.95	0	0	-120	-35	6.81	6.18	5.79	5.37	4.8	4.06	3.17
D	6	986	-31.78	134.74	476010.99	6482911.2	241.77	188.06	107.73	120	134.04	54802.16	-0.02	2.69	1.25	-119.85	-34.89	0	0	-120	-35	6.77	6.15	5.76	5.34	4.76	4.01	3.11
D	6	986.2	-31.78	134.74	476011.09	6482924.49	242.04	188.27	108.3	120	133.74	54800.69	-0.02	2.88	1.3	-119.92	-34.84	0	0	-120	-35	6.74	6.12	5.72	5.3	4.72	3.96	3.06
D	6	986.4	-31.78	134.74	476011.2	6482937.77	242.33	188.52	108.61	120	133.72	54799.4	-0.02	3.1	1.33	-119.95	-34.78	0	0	-120	-35	6.7	6.08	5.69	5.27	4.68	3.92	3.01
D	6	986.6	-31.78	134.74	476011.31	6482951.05	242.63	188.85	108.65	120	133.97	54798.26	-0.01	3.25	1.32	-119.98	-34.76	0	0	-120	-35	6.66	6.04	5.65	5.23	4.64	3.87	2.95
D	6	986.8	-31.78	134.74	476011.43	6482964.31	242.94	189.22	108.55	120	134.4	54797.24	-0.01	3.3	1.26	-119.99	-34.76	0	0	-120	-35	6.61	6	5.61	5.19	4.59	3.82	2.9
D	6	987	-31.78	134.74	476011.55	6482977.56	243.28	189.62	108.42	120	134.86	54796.3	-0.01	3.3	1.18	-120.03	-34.79	0	0	-120	-35	6.56	5.95	5.57	5.14	4.55	3.78	2.86
D	6	987.2	-31.78	134.74	476011.67	6482990.81	243.63	190.02	108.34	120	135.28	54795.46	0	3.26	1.08	-120	-34.83	0	0	-120	-35	6.52	5.91	5.53	5.1	4.5	3.73	2.82
D	6	987.4	-31.78	134.74	476011.8	6483004.04	244	190.39	108.32	120	135.68	54794.7	0.01	3.2	0.98	-120	-34.9	0	0	-120	-35	6.48	5.86	5.49	5.06	4.46	3.69	2.78
D	6	987.6	-31.78	134.74	476011.93	6483017.26	244.37	190.73	108.35	120	136.02	54794.05	0.01	3.12	0.89	-119.99	-34.96	0	0	-120	-35	6.44	5.82	5.45	5.02	4.42	3.66	2.75
D	6	987.8	-31.78	134.74	476012.06	6483030.47	244.75	191.05	108.46	120	136.29	54793.46	0.02	3.04	0.78	-119.97	-35.04	0	0	-120	-35	6.41	5.78	5.42	4.99	4.39	3.63	2.73
D	6	988	-31.78	134.74	476012.18	6483043.66	245.11	191.35	108.63	120	136.48	54792.87	0.03	2.99	0.65	-119.95	-35.11	0	0	-120	-35	6.38	5.74	5.38	4.95	4.36	3.6	2.71
D	6	988.2	-31.78	134.74	476012.3	6483056.85	245.46	191.64	108.84	120	136.62	54792.27	0.04	2.98	0.55	-119.91	-35.16	0	0	-120	-35	6.34	5.69	5.35	4.92	4.33	3.58	2.69
D	6	988.4	-31.78	134.74	476012.42	6483070.03	245.8	191.95	109.05	120	136.75	54791.7	0.06	3.03	0.46	-119.89	-35.23	0	0	-120	-35	6.3	5.65	5.3	4.88	4.3	3.55	2.67
D	6	988.6	-31.78	134.74	476012.53	6483083.2	246.13	192.26	109.18	120	136.95	54791.14	0.07	3.09	0.36	-119.87	-35.25	0	0	-120	-35	6.25	5.61	5.26	4.84	4.26	3.53	2.66
D	6	988.8	-31.78	134.74	476012.63	6483096.36	246.46	192.6	109.22	120	137.24	54790.51	0.08	3.12	0.25	-119.85	-35.32	0	0	-120	-35	6.18	5.56	5.21	4.79	4.23	3.51	2.65
D	6	989	-31.78	134.74	476012.72	6483109.51	246.79	192.97	109.19	120	137.61	54789.77	0.09	3.13	0.11	-119.84	-35.34	0	0	-120	-35	6.12	5.5	5.15	4.74	4.19	3.49	2.65
D	6	989.2	-31.78	134.74	476012.81	6483122.65	247.14	193.37	109.09	120	138.04	54788.89	0.1	3.15	-0.01	-119.82	-35.35	0	0	-120	-35	6.05	5.45	5.1	4.7	4.16	3.47	2.64
D	6	989.4	-31.78	134.74	476012.88	6483135.78	247.49	193.78	108.99	120	138.5	54787.86	0.11	3.13	-0.08	-119.82	-35.39	0	0	-120	-35	5.99	5.39	5.04	4.65	4.12	3.45	2.65
D	6	989.6	-31.78	134.74	476012.95	6483148.9	247.84	194.21	108.99	120	138.85	54786.67	0.12	3.12	-0.09	-119.81	-35.4	0	0	-120	-35	5.94	5.34	5	4.62	4.1	3.45	2.66
D	6	989.8	-31.78	134.74	476013.02	6483162.01	248.19	194.64	109.2	120	138.99	54785.29	0.12	3.1	-0.08	-119.79	-35.41	0	0	-120	-35	5.89	5.3	4.96	4.58	4.08	3.45	2.67
D	6	990	-31.78	134.74	476013.08	6483175.12	248.53	195.03	109.71	120	138.82	54783.72	0.12	3.06	0	-119.78	-35.42	0	0	-120	-35	5.86	5.27	4.93	4.56	4.07	3.45	2.69
D	6	990.2	-31.78	134.74	476013.15	6483188.22	248.87	195.39	110.54	120	138.32	54781.95	0.12	3.02	0.14	-119.77	-35.46	0	0	-120	-35	5.82	5.23	4.9	4.53	4.06	3.46	2.7
D	6	990.4	-31.78	134.74	476013.21	6483201.31	249.2	195.71	111.61	120	137.59	54779.96	0.12	2.97	0.31	-119.76	-35.46	0	0	-120	-35	5.78	5.19	4.87	4.51	4.05	3.45	2.72
D	6	990.6	-31.78	134.74	476013.27	6483214.39	249.52	195.98	112.81	120	136.71	54777.74	0.12	2.94	0.47	-119.77	-35.48	0	0	-120	-35	5.74	5.15	4.83	4.47	4.03	3.45	2.72
D	6	990.8	-31.78	134.74	476013.33	6483227.46	249.84	196.23	114.08	120	135.76	54775.31	0.11	2.94	0.57	-119.77	-35.46	0	0	-120	-35	5.69	5.11	4.79	4.44	4	3.43	2.72
D	6	991	-31.78	134.74	476013.38	6483240.53	250.15	196.47	115.38	120	134.77	54772.71	0.1	2.94	0.59	-119.76	-35.49	0	0	-120	-35	5.63	5.07	4.74	4.4	3.97	3.41	2.71
D	6	991.2	-31.78	134.74	476013.44	6483253.59	250.46	196.73	116.73	120	133.73	54769.96	0.09	2.94	0.54	-119.78	-35.49	0	0	-120	-35	5.57	5.02	4.69	4.35	3.93	3.38	2.69
D	6	991.4	-31.78	134.74	476013.49	6483266.64	250.77	197	118.12	120	132.64	54767.04	0.08	2.93	0.44	-119.79	-35.46	0	0	-120	-35	5.51	4.98	4.64	4.31	3.9	3.36	2.67
D	6	991.6	-31.78	134.74	476013.53	6483279.68	251.07	197.3	119.48	120	131.58	54763.99	0.07	2.91	0.33	-119.79	-35.42	0	0	-120	-35	5.47	4.94	4.61	4.28	3.87	3.33	2.65
D	6	991.8	-31.78	134.74	476013.57	6483292.72	251.35	197.59	120.68	120	130.67	54760.86	0.06	2.87	0.22	-119.82	-35.4	0	0	-120	-35	5.44	4.92	4.58	4.26	3.85	3.31	2.64
D	6	992	-31.78	134.																								

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	999.6	-31.78	134.74	476004.66	6483801.11	252.51	199.94	120.2	120	132.31	54674.28	-0.06	1.46	2.91	-120.91	-33.4	0	0	-120	-35	5.53	4.9	4.52	4.12	3.59	2.93	2.15
D	6	999.8	-31.78	134.74	476004.51	6483814.17	252.49	199.89	120.69	120	131.81	54672.44	-0.07	1.43	2.67	-120.87	-33.47	0	0	-120	-35	5.55	4.91	4.53	4.13	3.6	2.93	2.15
D	6	1000	-31.78	134.74	476004.4	6483827.23	252.47	199.85	120.74	120	131.74	54670.6	-0.07	1.37	2.3	-120.82	-33.56	0	0	-120	-35	5.58	4.92	4.55	4.14	3.61	2.94	2.15
D	6	1000.2	-31.78	134.74	476004.3	6483840.29	252.44	199.79	120.32	120	132.12	54668.81	-0.07	1.32	1.87	-120.79	-33.63	0	0	-120	-35	5.62	4.94	4.57	4.16	3.62	2.95	2.16
D	6	1000.4	-31.78	134.74	476004.24	6483853.35	252.4	199.72	119.53	120	132.87	54667.05	-0.08	1.28	1.5	-120.74	-33.72	0	0	-120	-35	5.65	4.96	4.59	4.18	3.64	2.96	2.17
D	6	1000.6	-31.78	134.74	476004.19	6483866.41	252.36	199.64	118.61	120	133.75	54665.36	-0.08	1.23	1.26	-120.71	-33.83	0	0	-120	-35	5.67	4.98	4.6	4.19	3.65	2.98	2.18
D	6	1000.8	-31.78	134.74	476004.17	6483879.47	252.31	199.53	117.85	120	134.46	54663.7	-0.08	1.2	1.16	-120.66	-33.92	0	0	-120	-35	5.68	4.98	4.61	4.2	3.66	2.99	2.19
D	6	1001	-31.78	134.74	476004.17	6483892.53	252.25	199.41	117.49	120	134.75	54662.1	-0.08	1.18	1.12	-120.65	-33.97	0	0	-120	-35	5.67	4.98	4.61	4.2	3.66	2.99	2.19
D	6	1001.2	-31.78	134.74	476004.18	6483905.6	252.18	199.29	117.64	120	134.53	54660.51	-0.09	1.16	1.12	-120.62	-34.04	0	0	-120	-35	5.66	4.97	4.59	4.19	3.66	2.99	2.2
D	6	1001.4	-31.78	134.74	476004.2	6483918.66	252.1	199.16	118.23	120	133.87	54658.91	-0.09	1.13	1.1	-120.61	-34.05	0	0	-120	-35	5.64	4.95	4.58	4.18	3.65	2.99	2.2
D	6	1001.6	-31.77	134.74	476004.24	6483931.72	252.02	199.05	119.04	120	132.98	54657.28	-0.09	1.1	1.07	-120.62	-34.09	0	0	-120	-35	5.63	4.94	4.57	4.17	3.65	2.99	2.2
D	6	1001.8	-31.77	134.74	476004.29	6483944.79	251.93	198.93	119.79	120	132.15	54655.65	-0.09	1.07	1.04	-120.61	-34.09	0	0	-120	-35	5.63	4.93	4.57	4.16	3.64	2.99	2.2
D	6	1002	-31.77	134.74	476004.36	6483957.86	251.85	198.8	120.26	120	131.59	54654.04	-0.09	1.04	0.99	-120.62	-34.13	0	0	-120	-35	5.64	4.94	4.58	4.16	3.65	2.99	2.21
D	6	1002.2	-31.77	134.74	476004.44	6483970.94	251.77	198.67	120.34	120	131.44	54652.44	-0.1	1	0.91	-120.59	-34.11	0	0	-120	-35	5.67	4.96	4.59	4.17	3.65	2.99	2.21
D	6	1002.4	-31.77	134.74	476004.53	6483984.02	251.69	198.52	120.05	120	131.64	54650.82	-0.1	1	0.78	-120.58	-34.12	0	0	-120	-35	5.71	4.98	4.61	4.19	3.66	3	2.21
D	6	1002.6	-31.77	134.74	476004.62	6483997.1	251.62	198.33	119.57	120	132.04	54649.2	-0.11	1.04	0.61	-120.58	-34.12	0	0	-120	-35	5.74	5	4.62	4.2	3.67	3	2.21
D	6	1002.8	-31.77	134.74	476004.72	6484010.19	251.54	198.13	119.12	120	132.42	54647.6	-0.11	1.1	0.39	-120.57	-34.08	0	0	-120	-35	5.76	5.02	4.63	4.2	3.67	3	2.2
D	6	1003	-31.77	134.74	476004.81	6484023.28	251.46	197.92	118.9	120	132.56	54646.03	-0.12	1.17	0.14	-120.57	-34.03	0	0	-120	-35	5.77	5.02	4.63	4.2	3.66	2.98	2.19
D	6	1003.2	-31.77	134.74	476004.91	6484036.38	251.39	197.74	119	120	132.39	54644.52	-0.12	1.24	-0.1	-120.6	-34.01	0	0	-120	-35	5.76	5.02	4.62	4.19	3.64	2.96	2.17
D	6	1003.4	-31.77	134.74	476005	6484049.48	251.31	197.59	119.38	120	131.93	54643.09	-0.13	1.27	-0.29	-120.62	-33.94	0	0	-120	-35	5.74	5.01	4.6	4.17	3.62	2.94	2.14
D	6	1003.6	-31.77	134.74	476005.08	6484062.59	251.23	197.47	119.95	120	131.28	54641.79	-0.13	1.26	-0.36	-120.64	-33.88	0	0	-120	-35	5.72	5	4.58	4.15	3.6	2.91	2.12
D	6	1003.8	-31.77	134.74	476005.16	6484075.7	251.15	197.36	120.51	120	130.64	54640.61	-0.13	1.21	-0.32	-120.66	-33.81	0	0	-120	-35	5.7	4.99	4.56	4.13	3.58	2.89	2.1
D	6	1004	-31.77	134.74	476005.23	6484088.81	251.07	197.24	120.97	120	130.11	54639.47	-0.14	1.15	-0.24	-120.7	-33.73	0	0	-120	-35	5.69	4.98	4.56	4.12	3.57	2.87	2.08
D	6	1004.2	-31.77	134.74	476005.28	6484101.93	250.99	197.09	121.25	120	129.74	54638.32	-0.14	1.11	-0.22	-120.72	-33.67	0	0	-120	-35	5.69	4.99	4.56	4.12	3.56	2.86	2.07
D	6	1004.4	-31.77	134.74	476005.32	6484115.06	250.9	196.94	121.37	120	129.53	54637.21	-0.14	1.1	-0.29	-120.71	-33.62	0	0	-120	-35	5.71	5.01	4.57	4.13	3.57	2.86	2.06
D	6	1004.6	-31.77	134.74	476005.35	6484128.19	250.82	196.8	121.38	120	129.43	54636.22	-0.14	1.13	-0.41	-120.75	-33.59	0	0	-120	-35	5.73	5.03	4.59	4.15	3.58	2.87	2.06
D	6	1004.8	-31.77	134.74	476005.36	6484141.32	250.73	196.69	121.29	120	129.44	54635.42	-0.14	1.18	-0.56	-120.75	-33.55	0	0	-120	-35	5.77	5.06	4.62	4.17	3.59	2.87	2.06
D	6	1005	-31.77	134.74	476005.36	6484154.46	250.64	196.62	121.09	120	129.55	54634.8	-0.14	1.22	-0.69	-120.74	-33.51	0	0	-120	-35	5.79	5.08	4.64	4.19	3.6	2.88	2.07
D	6	1005.2	-31.77	134.74	476005.34	6484167.61	250.56	196.56	120.8	120	129.76	54634.32	-0.14	1.25	-0.73	-120.74	-33.47	0	0	-120	-35	5.82	5.1	4.66	4.2	3.61	2.88	2.06
D	6	1005.4	-31.77	134.74	476005.3	6484180.76	250.47	196.51	120.47	120	130.01	54633.94	-0.13	1.26	-0.69	-120.75	-33.41	0	0	-120	-35	5.83	5.11	4.67	4.21	3.62	2.88	2.06
D	6	1005.6	-31.77	134.74	476005.25	6484193.91	250.39	196.46	120.12	120	130.26	54633.61	-0.13	1.22	-0.6	-120.77	-33.35	0	0	-120	-35	5.84	5.12	4.68	4.22	3.62	2.89	2.06
D	6	1005.8	-31.77	134.74	476005.18	6484207.07	250.3	196.39	119.74	120	130.56	54633.34	-0.13	1.16	-0.5	-120.78	-33.29	0	0	-120	-35	5.84	5.12	4.69	4.23	3.63	2.89	2.06
D	6	1006	-31.77	134.74	476005.1	6484220.23	250.2	196.31	119.25	120	130.95	54633.17	-0.12	1.11	-0.39	-120.8	-33.24	0	0	-120	-35	5.85	5.13	4.7	4.24	3.64	2.89	2.06
D	6	1006.2	-31.77	134.74	476005.01	6484233.4	250.1	196.24	118.57	120	131.53	54633.16	-0.11	1.08	-0.3	-120.81	-33.18	0	0	-120	-35	5.87	5.15	4.72	4.25	3.65	2.91	2.07
D	6	1006.4	-31.77	134.74	476004.89	6484246.57	250	196.18	117.74	120	132.26	54633.32	-0.1	1.09	-0.24	-120.83	-33.13	0	0	-120	-35	5.89	5.17	4.74	4.28	3.67	2.92	2.08
D	6	1006.6	-31.77	134.74	476004.77	6484259.74	249.89	196.15	116.93	120	132.97	54633.6	-0.09	1.16	-0.19	-120.84	-33.12	0	0	-120	-35	5.92	5.19	4.77	4.31	3.7	2.95	2.1
D	6	1006.8	-31.77	134.74	476004.64	6484272.92	249.79	196.14	116.35	120	133.44	54633.95	-0.08	1.22	-0.13	-120.85	-33.07	0	0	-120	-35	5.96	5.23	4.8	4.34	3.73	2.98	2.12
D	6	1007	-31.77	134.74	476004.51	6484286.1	249.68	196.14	116.14	120	133.55	54634.3	-0.06	1.27	-0.1	-120.87	-33.06	0	0	-120	-35	5.99	5.26	4.84	4.37	3.76	3	2.14
D	6	1007.2	-31.77	134.74	476004.37	6484299.29	249.58	196.12	116.34	120	133.24	54634.65	-0.05	1.3	-0.06	-120.88	-33.06	0	0	-120	-35	6.03	5.29	4.87	4.4	3.79	3.03	2.16
D	6	1007.4	-31.77	134.74	476004.23	6484312.48	249.49	196.09	116.87	120	132.62	54634.95	-0.04	1.32	-0.03	-120.88	-33.07	0	0	-120	-35	6.05	5.32	4.9	4.43	3.82	3.06	2.18
D	6	1007.6	-31.77	134.74	476004.08	6484325.67	249.4	196.03	117.55	120	131.84	54635.17	-0.02	1.32	-0.01	-120.89	-33.07	0	0	-120	-35	6.08	5.34	4.92	4.46	3.84	3.07	2.19
D	6	1007.8	-31.77	134.74	476003.94	6484338.86	249.3	195.95	118.24	120	131.06	54635.27	-0.01	1.33	0.03	-120.9	-33.06	0	0	-120	-35	6.1	5.37	4.95	4.48	3.86	3.09	2.2
D	6	1008	-31.77	134.74	476003.79	6484352.06	249.21	195.85	118.81	120	130.41	54635.24	-0.01	1.32	0.13	-120.92	-33.06	0	0	-120	-35	6.13	5.4	4.97	4.5	3.88	3.11	2.2
D	6	1008.2	-31.77	134.74	476003.65	6484365.26	249.12	195.74	119.18	120	129.94	54635.03	0	1.32	0.28	-120.91	-33.08	0	0	-120	-35	6.17	5.43	5.01	4.53	3.91	3.12	2.21

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txra1t_raw	Txra1t_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1016	-31.77	134.74	476003.17	6484879.68	250.46	196.99	113.75	120	136.71	54611.07	-0.03	2.45	1.11	-120.21	-34.94	0	0	-120	-35	7.03	5.86	4.95	3.93	2.73	1.6	0.73
D	6	1016.2	-31.77	134.74	476003.31	6484892.81	250.64	197.12	114.07	120	136.58	54610.09	-0.03	2.45	1.05	-120.21	-35.01	0	0	-120	-35	7.04	5.85	4.92	3.89	2.69	1.57	0.71
D	6	1016.4	-31.77	134.74	476003.45	6484905.94	250.83	197.25	114.65	120	136.18	54609.1	-0.03	2.45	0.98	-120.18	-35.1	0	0	-120	-35	7.06	5.84	4.9	3.87	2.67	1.55	0.7
D	6	1016.6	-31.77	134.74	476003.6	6484919.06	251.02	197.4	115.42	120	135.6	54608.07	-0.04	2.43	0.9	-120.15	-35.14	0	0	-120	-35	7.07	5.84	4.89	3.85	2.65	1.54	0.69
D	6	1016.8	-31.77	134.74	476003.75	6484932.17	251.21	197.59	116.23	120	134.98	54607.02	-0.04	2.42	0.8	-120.1	-35.2	0	0	-120	-35	7.07	5.84	4.89	3.86	2.66	1.54	0.69
D	6	1017	-31.77	134.74	476003.9	6484945.28	251.41	197.81	116.99	120	134.42	54605.95	-0.04	2.41	0.69	-120.07	-35.24	0	0	-120	-35	7.09	5.87	4.91	3.88	2.69	1.57	0.71
D	6	1017.2	-31.77	134.74	476004.05	6484958.38	251.6	198.05	117.64	120	133.96	54604.84	-0.05	2.41	0.56	-120.04	-35.28	0	0	-120	-35	7.1	5.9	4.96	3.94	2.74	1.61	0.73
D	6	1017.4	-31.77	134.74	476004.2	6484971.48	251.79	198.29	118.17	120	133.62	54603.72	-0.05	2.42	0.43	-120	-35.29	0	0	-120	-35	7.13	5.95	5.02	4.01	2.82	1.67	0.77
D	6	1017.6	-31.77	134.74	476004.35	6484984.58	251.98	198.52	118.61	120	133.37	54602.59	-0.05	2.44	0.3	-119.97	-35.33	0	0	-120	-35	7.15	6.01	5.1	4.11	2.91	1.75	0.82
D	6	1017.8	-31.77	134.74	476004.5	6484997.67	252.16	198.71	118.95	120	133.22	54601.47	-0.06	2.45	0.2	-119.94	-35.32	0	0	-120	-35	7.18	6.08	5.19	4.21	3.02	1.84	0.87
D	6	1018	-31.77	134.74	476004.65	6485010.75	252.35	198.87	119.17	120	133.19	54600.3	-0.06	2.48	0.08	-119.93	-35.34	0	0	-120	-35	7.21	6.15	5.28	4.32	3.13	1.93	0.93
D	6	1018.2	-31.77	134.74	476004.79	6485023.84	252.54	199.02	119.28	120	133.26	54599.09	-0.07	2.52	-0.07	-119.9	-35.34	0	0	-120	-35	7.24	6.21	5.36	4.42	3.23	2.01	0.98
D	6	1018.4	-31.76	134.74	476004.93	6485036.92	252.73	199.15	119.31	120	133.42	54597.85	-0.07	2.57	-0.23	-119.89	-35.36	0	0	-120	-35	7.26	6.26	5.43	4.5	3.32	2.09	1.03
D	6	1018.6	-31.76	134.74	476005.07	6485050	252.92	199.28	119.31	120	133.61	54596.6	-0.08	2.62	-0.4	-119.88	-35.38	0	0	-120	-35	7.27	6.28	5.48	4.56	3.38	2.15	1.07
D	6	1018.8	-31.76	134.74	476005.2	6485063.08	253.12	199.39	119.36	120	133.75	54595.36	-0.08	2.67	-0.56	-119.87	-35.41	0	0	-120	-35	7.27	6.29	5.51	4.59	3.43	2.19	1.11
D	6	1019	-31.76	134.74	476005.31	6485076.15	253.31	199.47	119.46	120	133.85	54594.12	-0.09	2.7	-0.67	-119.89	-35.41	0	0	-120	-35	7.26	6.28	5.51	4.6	3.45	2.22	1.13
D	6	1019.2	-31.76	134.74	476005.42	6485089.22	253.5	199.55	119.56	120	133.94	54592.88	-0.1	2.73	-0.65	-119.88	-35.43	0	0	-120	-35	7.23	6.25	5.49	4.59	3.45	2.23	1.15
D	6	1019.4	-31.76	134.74	476005.51	6485102.28	253.7	199.64	119.6	120	134.1	54591.62	-0.11	2.76	-0.52	-119.89	-35.43	0	0	-120	-35	7.2	6.22	5.46	4.56	3.43	2.23	1.15
D	6	1019.6	-31.76	134.74	476005.58	6485115.33	253.9	199.73	119.53	120	134.37	54590.36	-0.12	2.78	-0.34	-119.88	-35.45	0	0	-120	-35	7.17	6.18	5.42	4.53	3.41	2.22	1.15
D	6	1019.8	-31.76	134.74	476005.64	6485128.38	254.1	199.85	119.32	120	134.78	54589.12	-0.13	2.79	-0.19	-119.89	-35.45	0	0	-120	-35	7.13	6.14	5.39	4.5	3.39	2.21	1.15
D	6	1020	-31.76	134.74	476005.68	6485141.43	254.31	199.98	118.99	120	135.31	54587.94	-0.14	2.8	-0.07	-119.91	-35.47	0	0	-120	-35	7.1	6.1	5.36	4.48	3.38	2.2	1.15
D	6	1020.2	-31.76	134.74	476005.7	6485154.47	254.52	200.16	118.55	120	135.97	54586.89	-0.14	2.8	0.01	-119.92	-35.54	0	0	-120	-35	7.08	6.07	5.33	4.46	3.36	2.2	1.15
D	6	1020.4	-31.76	134.74	476005.7	6485167.51	254.75	200.38	117.96	120	136.79	54586.03	-0.15	2.79	0.05	-119.94	-35.58	0	0	-120	-35	7.06	6.05	5.31	4.44	3.36	2.2	1.15
D	6	1020.6	-31.76	134.74	476005.67	6485180.54	254.97	200.66	117.21	120	137.77	54585.39	-0.15	2.78	0.03	-119.93	-35.63	0	0	-120	-35	7.04	6.02	5.28	4.43	3.35	2.19	1.15
D	6	1020.8	-31.76	134.74	476005.63	6485193.57	255.2	200.97	116.28	120	138.92	54584.94	-0.16	2.76	0.01	-119.95	-35.67	0	0	-120	-35	7.01	6	5.25	4.41	3.34	2.19	1.15
D	6	1021	-31.76	134.74	476005.58	6485206.59	255.43	201.3	115.2	120	140.23	54584.68	-0.15	2.74	-0.01	-119.97	-35.69	0	0	-120	-35	6.98	5.97	5.22	4.38	3.31	2.17	1.14
D	6	1021.2	-31.76	134.74	476005.5	6485219.61	255.65	201.62	114.02	120	141.62	54584.58	-0.15	2.73	-0.05	-119.99	-35.72	0	0	-120	-35	6.94	5.92	5.17	4.33	3.28	2.15	1.12
D	6	1021.4	-31.76	134.74	476005.41	6485232.63	255.86	201.94	112.84	120	143.02	54584.62	-0.15	2.74	-0.08	-120	-35.76	0	0	-120	-35	6.89	5.87	5.1	4.27	3.23	2.11	1.1
D	6	1021.6	-31.76	134.74	476005.31	6485245.63	256.08	202.24	111.77	120	144.3	54584.74	-0.14	2.76	-0.1	-120	-35.74	0	0	-120	-35	6.84	5.8	5.02	4.19	3.16	2.06	1.07
D	6	1021.8	-31.76	134.74	476005.2	6485258.64	256.29	202.52	111	120	145.3	54584.99	-0.14	2.77	-0.13	-120.01	-35.77	0	0	-120	-35	6.78	5.71	4.93	4.09	3.07	1.99	1.03
D	6	1022	-31.76	134.74	476005.07	6485271.64	256.52	202.81	110.68	120	145.84	54585.38	-0.13	2.77	-0.17	-120	-35.77	0	0	-120	-35	6.71	5.61	4.81	3.97	2.96	1.9	0.98
D	6	1022.2	-31.76	134.74	476004.93	6485284.64	256.74	203.09	110.94	120	145.8	54585.92	-0.13	2.76	-0.17	-119.99	-35.76	0	0	-120	-35	6.63	5.48	4.67	3.83	2.82	1.81	0.93
D	6	1022.4	-31.76	134.74	476004.79	6485297.63	256.97	203.37	111.8	120	145.17	54586.57	-0.12	2.73	-0.13	-119.98	-35.75	0	0	-120	-35	6.54	5.34	4.52	3.67	2.68	1.7	0.87
D	6	1022.6	-31.76	134.74	476004.64	6485310.62	257.19	203.64	113.11	120	144.09	54587.28	-0.11	2.66	-0.07	-119.95	-35.76	0	0	-120	-35	6.44	5.18	4.35	3.49	2.53	1.59	0.82
D	6	1022.8	-31.76	134.74	476004.48	6485323.61	257.42	203.91	114.64	120	142.77	54588.1	-0.1	2.58	0	-119.95	-35.74	0	0	-120	-35	6.32	5.02	4.17	3.31	2.37	1.48	0.76
D	6	1023	-31.76	134.74	476004.32	6485336.59	257.63	204.17	116.18	120	141.45	54589.01	-0.09	2.5	0.11	-119.92	-35.74	0	0	-120	-35	6.2	4.84	3.98	3.13	2.21	1.37	0.71
D	6	1023.2	-31.76	134.74	476004.14	6485349.57	257.83	204.41	117.54	120	140.29	54589.99	-0.08	2.43	0.22	-119.92	-35.72	0	0	-120	-35	6.08	4.66	3.79	2.94	2.05	1.26	0.66
D	6	1023.4	-31.76	134.74	476003.97	6485362.55	258.02	204.65	118.66	120	139.36	54591.02	-0.07	2.38	0.28	-119.91	-35.71	0	0	-120	-35	5.95	4.48	3.6	2.76	1.9	1.16	0.61
D	6	1023.6	-31.76	134.74	476003.79	6485375.52	258.21	204.88	119.53	120	138.68	54592.04	-0.06	2.33	0.32	-119.91	-35.64	0	0	-120	-35	5.81	4.3	3.42	2.59	1.76	1.07	0.58
D	6	1023.8	-31.76	134.74	476003.6	6485388.49	258.38	205.09	120.12	120	138.26	54593.06	-0.04	2.29	0.39	-119.9	-35.57	0	0	-120	-35	5.68	4.13	3.24	2.43	1.64	0.99	0.54
D	6	1024	-31.76	134.74	476003.42	6485401.46	258.55	205.32	120.4	120	138.14	54594.04	-0.03	2.26	0.44	-119.89	-35.51	0	0	-120	-35	5.54	3.95	3.07	2.28	1.52	0.92	0.51
D	6	1024.2	-31.76	134.74	476003.24	6485414.43	258.7	205.53	120.37	120	138.34	54594.97	-0.02	2.25	0.47	-119.91	-35.43	0	0	-120	-35	5.39	3.78	2.91	2.13	1.41	0.85	0.48
D	6	1024.4	-31.76	134.74	476003.06	6485427.39	258.85	205.72	120.04	120	138.81	54595.83	-0.02	2.23	0.52	-119.92	-35.35	0	0	-120	-35	5.23	3.6	2.75	1.99	1.31	0.79	0.45
D	6	1024.6	-31.76	134.74	476002.88	6485440.35	259	205.92	119.53	120	139.47	54596.67	-0.01	2.23	0.55	-119.93	-35.22	0	0	-120	-35	5.06	3.42	2.58	1.85	1.21		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1032.4	-31.76	134.74	476004.45	6485945.26	259.99	207.22	117.59	120	142.39	54602.91	0.09	1.72	0.97	-120.62	-33.7	0	0	-120	-35	6.36	4.44	3.28	2.22	1.29	0.65	0.27
D	6	1032.6	-31.76	134.74	476004.69	6485958.23	259.96	207.19	117.09	120	142.86	54604.8	0.11	1.76	1.01	-120.6	-33.73	0	0	-120	-35	6.38	4.46	3.3	2.24	1.3	0.65	0.27
D	6	1032.8	-31.76	134.74	476004.93	6485971.21	259.94	207.16	116.58	120	143.36	54606.29	0.12	1.82	1.02	-120.59	-33.77	0	0	-120	-35	6.39	4.48	3.31	2.26	1.32	0.65	0.27
D	6	1033	-31.76	134.74	476005.18	6485984.19	259.93	207.1	116.06	120	143.87	54607.33	0.13	1.89	0.99	-120.56	-33.83	0	0	-120	-35	6.4	4.5	3.34	2.28	1.33	0.66	0.27
D	6	1033.2	-31.76	134.74	476005.44	6485997.16	259.93	207.01	115.54	120	144.39	54607.87	0.13	1.94	0.89	-120.56	-33.91	0	0	-120	-35	6.42	4.53	3.37	2.31	1.35	0.66	0.27
D	6	1033.4	-31.76	134.74	476005.71	6486010.14	259.96	206.9	115	120	144.95	54607.93	0.13	1.96	0.72	-120.54	-34	0	0	-120	-35	6.45	4.58	3.42	2.35	1.37	0.66	0.27
D	6	1033.6	-31.76	134.74	476005.98	6486023.12	259.99	206.79	114.44	120	145.54	54607.58	0.12	1.99	0.49	-120.53	-34.1	0	0	-120	-35	6.51	4.65	3.49	2.4	1.4	0.67	0.26
D	6	1033.8	-31.76	134.74	476006.25	6486036.1	260.03	206.71	113.85	120	146.18	54606.91	0.1	2.04	0.2	-120.51	-34.24	0	0	-120	-35	6.58	4.73	3.57	2.46	1.43	0.68	0.26
D	6	1034	-31.76	134.74	476006.51	6486049.09	260.07	206.67	113.22	120	146.85	54606	0.09	2.1	-0.03	-120.47	-34.36	0	0	-120	-35	6.67	4.83	3.65	2.52	1.46	0.69	0.26
D	6	1034.2	-31.76	134.74	476006.77	6486062.07	260.12	206.7	112.56	120	147.57	54604.87	0.07	2.1	-0.11	-120.43	-34.53	0	0	-120	-35	6.77	4.93	3.74	2.58	1.49	0.7	0.27
D	6	1034.4	-31.76	134.74	476007.02	6486075.05	260.18	206.79	111.86	120	148.32	54603.56	0.05	2.11	-0.14	-120.37	-34.66	0	0	-120	-35	6.86	5.01	3.82	2.63	1.51	0.7	0.27
D	6	1034.6	-31.76	134.74	476007.26	6486088.03	260.24	206.89	111.2	120	149.05	54602.14	0.03	2.14	-0.25	-120.31	-34.8	0	0	-120	-35	6.94	5.08	3.87	2.67	1.53	0.71	0.28
D	6	1034.8	-31.76	134.74	476007.5	6486101.01	260.32	206.99	110.64	120	149.68	54600.7	0.01	2.2	-0.39	-120.27	-34.92	0	0	-120	-35	6.99	5.13	3.91	2.68	1.53	0.71	0.28
D	6	1035	-31.76	134.74	476007.72	6486114	260.41	207.07	110.27	120	150.14	54599.29	-0.01	2.27	-0.46	-120.21	-35.05	0	0	-120	-35	7.02	5.14	3.91	2.68	1.53	0.72	0.3
D	6	1035.2	-31.76	134.74	476007.94	6486126.98	260.51	207.17	110.13	120	150.39	54597.96	-0.02	2.34	-0.46	-120.14	-35.14	0	0	-120	-35	7.02	5.13	3.89	2.66	1.52	0.72	0.31
D	6	1035.4	-31.75	134.74	476008.15	6486139.96	260.63	207.26	110.18	120	150.45	54596.75	-0.04	2.39	-0.39	-120.1	-35.26	0	0	-120	-35	6.99	5.09	3.85	2.63	1.5	0.73	0.32
D	6	1035.6	-31.75	134.74	476008.35	6486152.94	260.76	207.39	110.38	120	150.38	54595.69	-0.05	2.43	-0.3	-120.06	-35.33	0	0	-120	-35	6.94	5.02	3.79	2.58	1.49	0.74	0.34
D	6	1035.8	-31.75	134.74	476008.55	6486165.92	260.89	207.54	110.65	120	150.24	54594.78	-0.06	2.47	-0.17	-120	-35.42	0	0	-120	-35	6.87	4.95	3.72	2.54	1.48	0.75	0.36
D	6	1036	-31.75	134.74	476008.74	6486178.89	261.03	207.69	110.96	120	150.08	54594	-0.07	2.5	-0.05	-119.96	-35.49	0	0	-120	-35	6.8	4.86	3.64	2.5	1.47	0.77	0.38
D	6	1036.2	-31.75	134.74	476008.93	6486191.87	261.17	207.87	111.26	120	149.91	54593.37	-0.08	2.52	0.03	-119.92	-35.55	0	0	-120	-35	6.72	4.77	3.57	2.46	1.47	0.79	0.4
D	6	1036.4	-31.75	134.74	476009.12	6486204.84	261.32	208.05	111.56	120	149.76	54592.91	-0.08	2.55	0.13	-119.88	-35.62	0	0	-120	-35	6.63	4.68	3.49	2.43	1.47	0.81	0.42
D	6	1036.6	-31.75	134.74	476009.31	6486217.81	261.47	208.23	111.87	120	149.61	54592.66	-0.08	2.59	0.22	-119.84	-35.68	0	0	-120	-35	6.53	4.59	3.43	2.4	1.47	0.83	0.44
D	6	1036.8	-31.75	134.74	476009.5	6486230.77	261.63	208.41	112.18	120	149.45	54592.66	-0.08	2.64	0.37	-119.82	-35.72	0	0	-120	-35	6.44	4.5	3.36	2.37	1.48	0.85	0.46
D	6	1037	-31.75	134.74	476009.69	6486243.73	261.79	208.58	112.53	120	149.26	54592.93	-0.08	2.71	0.53	-119.8	-35.76	0	0	-120	-35	6.33	4.41	3.29	2.34	1.48	0.87	0.47
D	6	1037.2	-31.75	134.74	476009.88	6486256.68	261.95	208.77	112.95	120	149	54593.44	-0.07	2.78	0.61	-119.81	-35.78	0	0	-120	-35	6.23	4.31	3.22	2.31	1.47	0.88	0.48
D	6	1037.4	-31.75	134.74	476010.07	6486269.63	262.12	208.95	113.44	120	148.68	54594.22	-0.06	2.83	0.65	-119.81	-35.8	0	0	-120	-35	6.11	4.21	3.15	2.26	1.46	0.88	0.48
D	6	1037.6	-31.75	134.74	476010.26	6486282.58	262.29	209.14	113.95	120	148.34	54595.27	-0.04	2.86	0.68	-119.8	-35.83	0	0	-120	-35	6	4.09	3.06	2.21	1.44	0.87	0.48
D	6	1037.8	-31.75	134.74	476010.46	6486295.52	262.46	209.3	114.47	120	148	54596.55	-0.02	2.87	0.66	-119.81	-35.84	0	0	-120	-35	5.87	3.97	2.96	2.14	1.4	0.85	0.47
D	6	1038	-31.75	134.74	476010.65	6486308.45	262.64	209.41	114.91	120	147.73	54597.98	0	2.87	0.64	-119.82	-35.84	0	0	-120	-35	5.73	3.83	2.86	2.06	1.35	0.83	0.46
D	6	1038.2	-31.75	134.74	476010.84	6486321.38	262.82	209.52	115.24	120	147.58	54599.45	0.02	2.86	0.57	-119.81	-35.81	0	0	-120	-35	5.58	3.69	2.74	1.98	1.3	0.8	0.44
D	6	1038.4	-31.75	134.74	476011.03	6486334.31	262.99	209.63	115.47	120	147.53	54600.86	0.05	2.86	0.45	-119.83	-35.81	0	0	-120	-35	5.41	3.53	2.61	1.89	1.24	0.76	0.42
D	6	1038.6	-31.75	134.74	476011.22	6486347.23	263.18	209.74	115.6	120	147.57	54602.07	0.07	2.86	0.36	-119.82	-35.82	0	0	-120	-35	5.23	3.36	2.48	1.79	1.18	0.73	0.39
D	6	1038.8	-31.75	134.74	476011.4	6486360.15	263.36	209.89	115.71	120	147.64	54602.99	0.09	2.86	0.23	-119.84	-35.81	0	0	-120	-35	5.03	3.19	2.35	1.69	1.12	0.68	0.37
D	6	1039	-31.75	134.74	476011.58	6486373.07	263.54	210.03	115.83	120	147.7	54603.56	0.1	2.87	0.09	-119.82	-35.79	0	0	-120	-35	4.83	3.02	2.22	1.59	1.05	0.64	0.34
D	6	1039.2	-31.75	134.74	476011.75	6486385.98	263.72	210.18	116	120	147.72	54603.76	0.1	2.88	-0.02	-119.83	-35.78	0	0	-120	-35	4.62	2.86	2.09	1.5	0.98	0.6	0.32
D	6	1039.4	-31.75	134.74	476011.91	6486398.88	263.9	210.37	116.24	120	147.67	54603.59	0.1	2.88	-0.17	-119.85	-35.76	0	0	-120	-35	4.42	2.71	1.97	1.41	0.92	0.55	0.29
D	6	1039.6	-31.75	134.74	476012.06	6486411.78	264.08	210.56	116.53	120	147.56	54603.08	0.1	2.9	-0.36	-119.85	-35.71	0	0	-120	-35	4.25	2.58	1.87	1.33	0.86	0.51	0.26
D	6	1039.8	-31.75	134.74	476012.2	6486424.68	264.26	210.77	116.85	120	147.4	54602.33	0.09	2.91	-0.65	-119.86	-35.71	0	0	-120	-35	4.12	2.48	1.78	1.26	0.81	0.47	0.23
D	6	1040	-31.75	134.74	476012.32	6486437.57	264.42	210.95	117.17	120	147.24	54601.41	0.08	2.9	-0.97	-119.86	-35.65	0	0	-120	-35	4.03	2.41	1.72	1.21	0.77	0.44	0.21
D	6	1040.2	-31.75	134.74	476012.43	6486450.47	264.56	211.09	117.45	120	147.11	54600.41	0.07	2.86	-1.16	-119.84	-35.61	0	0	-120	-35	4	2.37	1.69	1.18	0.74	0.41	0.19
D	6	1040.4	-31.75	134.74	476012.53	6486463.35	264.7	211.2	117.69	120	147.01	54599.34	0.06	2.79	-1.25	-119.85	-35.6	0	0	-120	-35	4.01	2.36	1.68	1.16	0.71	0.39	0.18
D	6	1040.6	-31.75	134.74	476012.61	6486476.24	264.83	211.3	117.87	120	146.96	54598.21	0.06	2.76	-1.27	-119.85	-35.58	0	0	-120	-35	4.07	2.39	1.69	1.16	0.7	0.37	0.17
D	6	1040.8	-31.75	134.74	476012.67	6486489.12	264.95	211.42	118	120	146.95	54597.01	0.05	2.75	-1.21	-119.84	-35.53	0	0	-120	-35	4.15	2.44	1.72	1.17	0.7	0.36	0.16
D	6	1041	-31.75	134.74	476012.71	6486502	265.07	211.59	118.08	120	146.99	54595.7	0.04	2.74	-1.06	-119.85	-35.51	0	0	-120	-35	4.27	2.51	1.77	1.19	0.7	0.3	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1048.8	-31.75	134.74	476008.93	6487004.07	267.42	214.32	109.08	120	158.34	54592.07	0.1	2.03	0.09	-120.43	-34.74	0	0	-120	-35	6.72	5.53	4.72	3.84	2.8	1.77	0.92
D	6	1049	-31.75	134.74	476008.74	6487016.97	267.4	214.44	107.8	120	159.6	54591.75	0.1	2.02	0.07	-120.41	-34.78	0	0	-120	-35	6.75	5.53	4.7	3.8	2.75	1.72	0.88
D	6	1049.2	-31.75	134.74	476008.54	6487029.87	267.38	214.56	106.8	120	160.58	54591.29	0.1	2	0.07	-120.38	-34.76	0	0	-120	-35	6.77	5.53	4.69	3.77	2.71	1.68	0.85
D	6	1049.4	-31.75	134.74	476008.34	6487042.78	267.36	214.65	106.27	120	161.09	54590.69	0.1	1.98	-0.01	-120.35	-34.8	0	0	-120	-35	6.77	5.52	4.66	3.74	2.67	1.64	0.81
D	6	1049.6	-31.75	134.74	476008.14	6487055.69	267.33	214.72	106.36	120	160.97	54589.98	0.1	1.96	-0.08	-120.34	-34.78	0	0	-120	-35	6.77	5.5	4.64	3.72	2.64	1.6	0.78
D	6	1049.8	-31.75	134.74	476007.93	6487068.6	267.3	214.69	107.01	120	160.29	54589.16	0.1	1.95	-0.08	-120.31	-34.78	0	0	-120	-35	6.76	5.49	4.63	3.7	2.62	1.58	0.76
D	6	1050	-31.75	134.74	476007.71	6487081.51	267.26	214.53	108.03	120	159.24	54588.22	0.09	1.95	-0.01	-120.29	-34.76	0	0	-120	-35	6.75	5.47	4.62	3.7	2.61	1.57	0.75
D	6	1050.2	-31.75	134.74	476007.5	6487094.43	267.22	214.25	109.19	120	158.03	54587.1	0.09	1.95	0.12	-120.28	-34.74	0	0	-120	-35	6.74	5.47	4.62	3.7	2.62	1.57	0.75
D	6	1050.4	-31.75	134.74	476007.28	6487107.36	267.17	213.96	110.28	120	156.89	54585.76	0.08	1.93	0.22	-120.28	-34.71	0	0	-120	-35	6.75	5.47	4.63	3.72	2.64	1.59	0.75
D	6	1050.6	-31.75	134.74	476007.06	6487120.28	267.12	213.72	111.21	120	155.91	54584.19	0.07	1.97	0.23	-120.29	-34.68	0	0	-120	-35	6.77	5.49	4.65	3.75	2.67	1.62	0.77
D	6	1050.8	-31.75	134.74	476006.83	6487133.21	267.09	213.59	111.99	120	155.1	54582.4	0.06	2.13	0.24	-120.33	-34.67	0	0	-120	-35	6.81	5.53	4.69	3.79	2.72	1.66	0.8
D	6	1051	-31.75	134.74	476006.59	6487146.14	267.06	213.58	112.63	120	154.43	54580.47	0.04	2.36	0.31	-120.35	-34.67	0	0	-120	-35	6.84	5.57	4.74	3.85	2.78	1.72	0.85
D	6	1051.2	-31.75	134.74	476006.33	6487159.06	267.06	213.64	113.2	120	153.87	54578.46	0.02	2.58	0.37	-120.38	-34.67	0	0	-120	-35	6.88	5.61	4.8	3.91	2.86	1.79	0.9
D	6	1051.4	-31.75	134.74	476006.07	6487171.99	267.08	213.74	113.7	120	153.37	54576.42	0.01	2.78	0.4	-120.4	-34.67	0	0	-120	-35	6.9	5.65	4.85	3.98	2.93	1.87	0.96
D	6	1051.6	-31.75	134.74	476005.79	6487184.91	267.11	213.83	114.16	120	152.95	54574.36	-0.01	2.94	0.48	-120.41	-34.69	0	0	-120	-35	6.9	5.68	4.9	4.04	3.01	1.95	1.02
D	6	1051.8	-31.75	134.74	476005.51	6487197.84	267.18	213.94	114.58	120	152.6	54572.32	-0.02	3.03	0.56	-120.43	-34.73	0	0	-120	-35	6.88	5.69	4.93	4.09	3.08	2.03	1.09
D	6	1052	-31.75	134.74	476005.21	6487210.75	267.27	214.07	114.98	120	152.29	54570.38	-0.04	3.08	0.61	-120.42	-34.81	0	0	-120	-35	6.86	5.69	4.97	4.14	3.15	2.1	1.15
D	6	1052.2	-31.75	134.74	476004.91	6487223.67	267.39	214.23	115.34	120	152.05	54568.57	-0.06	3.1	0.62	-120.43	-34.91	0	0	-120	-35	6.83	5.69	5	4.19	3.22	2.18	1.21
D	6	1052.4	-31.75	134.74	476004.6	6487236.58	267.54	214.43	115.68	120	151.87	54566.96	-0.07	3.12	0.59	-120.44	-35.06	0	0	-120	-35	6.81	5.7	5.03	4.24	3.28	2.25	1.27
D	6	1052.6	-31.74	134.74	476004.29	6487249.49	267.72	214.66	115.96	120	151.76	54565.58	-0.08	3.13	0.56	-120.41	-35.24	0	0	-120	-35	6.8	5.7	5.05	4.28	3.34	2.31	1.32
D	6	1052.8	-31.74	134.74	476003.96	6487262.39	267.91	214.92	116.17	120	151.74	54564.47	-0.09	3.15	0.52	-120.36	-35.48	0	0	-120	-35	6.79	5.71	5.07	4.31	3.38	2.35	1.36
D	6	1053	-31.74	134.74	476003.64	6487275.29	268.11	215.24	116.31	120	151.8	54563.63	-0.09	3.16	0.49	-120.27	-35.71	0	0	-120	-35	6.78	5.7	5.07	4.32	3.4	2.38	1.38
D	6	1053.2	-31.74	134.74	476003.31	6487288.18	268.32	215.58	116.36	120	151.97	54563.07	-0.09	3.17	0.49	-120.21	-35.95	0	0	-120	-35	6.75	5.68	5.05	4.3	3.39	2.37	1.39
D	6	1053.4	-31.74	134.74	476002.98	6487301.07	268.55	215.93	116.27	120	152.27	54562.81	-0.09	3.14	0.52	-120.1	-36.18	0	0	-120	-35	6.69	5.63	4.99	4.25	3.34	2.34	1.38
D	6	1053.6	-31.74	134.74	476002.65	6487313.95	268.77	216.23	116.01	120	152.76	54562.84	-0.08	3.08	0.6	-119.96	-36.38	0	0	-120	-35	6.61	5.55	4.9	4.16	3.26	2.28	1.35
D	6	1053.8	-31.74	134.74	476002.32	6487326.83	268.99	216.46	115.56	120	153.43	54563.16	-0.06	3	0.74	-119.84	-36.51	0	0	-120	-35	6.51	5.44	4.78	4.04	3.15	2.2	1.3
D	6	1054	-31.74	134.74	476002	6487339.7	269.2	216.67	114.98	120	154.22	54563.74	-0.05	2.89	0.9	-119.7	-36.65	0	0	-120	-35	6.39	5.31	4.64	3.9	3.03	2.1	1.25
D	6	1054.2	-31.74	134.74	476001.69	6487352.57	269.4	216.87	114.43	120	154.97	54564.49	-0.03	2.78	1.12	-119.61	-36.75	0	0	-120	-35	6.26	5.17	4.49	3.75	2.89	1.99	1.19
D	6	1054.4	-31.74	134.74	476001.38	6487365.43	269.59	217.07	114.11	120	155.48	54565.38	-0.01	2.66	1.28	-119.5	-36.81	0	0	-120	-35	6.13	5.02	4.34	3.6	2.74	1.88	1.12
D	6	1054.6	-31.74	134.74	476001.08	6487378.29	269.77	217.29	114.22	120	155.55	54566.37	0.01	2.55	1.36	-119.41	-36.85	0	0	-120	-35	6.01	4.88	4.19	3.45	2.61	1.78	1.06
D	6	1054.8	-31.74	134.74	476000.79	6487391.14	269.93	217.49	114.85	120	155.08	54567.48	0.03	2.48	1.4	-119.35	-36.87	0	0	-120	-35	5.89	4.74	4.05	3.31	2.49	1.69	1.01
D	6	1055	-31.74	134.74	476000.51	6487403.99	270.09	217.68	115.99	120	154.1	54568.65	0.05	2.44	1.45	-119.29	-36.88	0	0	-120	-35	5.79	4.62	3.92	3.18	2.38	1.6	0.96
D	6	1055.2	-31.74	134.74	476000.24	6487416.84	270.24	217.87	117.48	120	152.76	54569.8	0.08	2.38	1.54	-119.27	-36.86	0	0	-120	-35	5.69	4.5	3.8	3.07	2.28	1.53	0.91
D	6	1055.4	-31.74	134.74	475999.98	6487429.69	270.38	218.04	119.11	120	151.26	54570.83	0.1	2.34	1.6	-119.23	-36.8	0	0	-120	-35	5.59	4.39	3.69	2.96	2.19	1.47	0.86
D	6	1055.6	-31.74	134.74	475999.74	6487442.53	270.5	218.24	120.7	120	149.8	54571.7	0.13	2.29	1.64	-119.24	-36.76	0	0	-120	-35	5.5	4.29	3.59	2.87	2.11	1.4	0.82
D	6	1055.8	-31.74	134.74	475999.52	6487455.37	270.63	218.47	122.11	120	148.52	54572.38	0.15	2.22	1.68	-119.26	-36.7	0	0	-120	-35	5.4	4.2	3.49	2.78	2.03	1.34	0.77
D	6	1056	-31.74	134.74	475999.31	6487468.21	270.75	218.71	123.29	120	147.45	54572.87	0.17	2.14	1.76	-119.27	-36.6	0	0	-120	-35	5.3	4.1	3.39	2.69	1.95	1.28	0.73
D	6	1056.2	-31.74	134.74	475999.12	6487481.04	270.86	218.93	124.28	120	146.58	54573.12	0.19	2.04	1.89	-119.3	-36.54	0	0	-120	-35	5.21	4.01	3.3	2.6	1.87	1.21	0.68
D	6	1056.4	-31.74	134.74	475998.96	6487493.88	270.97	219.08	125.08	120	145.89	54573.05	0.21	1.97	2.08	-119.35	-36.47	0	0	-120	-35	5.13	3.92	3.2	2.51	1.79	1.15	0.63
D	6	1056.6	-31.74	134.74	475998.82	6487506.71	271.07	219.14	125.76	120	145.32	54572.59	0.22	1.89	2.31	-119.38	-36.36	0	0	-120	-35	5.06	3.83	3.1	2.42	1.71	1.08	0.58
D	6	1056.8	-31.74	134.74	475998.7	6487519.54	271.17	219.17	126.32	120	144.85	54571.71	0.23	1.81	2.39	-119.44	-36.28	0	0	-120	-35	4.98	3.73	3	2.32	1.62	1.01	0.54
D	6	1057	-31.74	134.74	475998.62	6487532.36	271.26	219.22	126.77	120	144.48	54570.37	0.23	1.74	2.29	-119.49	-36.16	0	0	-120	-35	4.89	3.61	2.88	2.21	1.53	0.94	0.49
D	6	1057.2	-31.74	134.74	475998.56	6487545.18	271.33	219.28	127.13	120	144.21	54568.53	0.23	1.7	2.08	-119.58	-36.02	0	0	-120	-35	4.79	3.47	2.74	2.08	1.43	0.87	0.44
D	6	1057.4	-31.74	134.74	475998.53	6487558.01	271.4	219.35	127.36	120	144.05	54566.19	0.22	1.68	1.79	-119.67	-35.88	0	0	-120	-35	4.66	3.32	2.6	1.95	1.32	0	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1065.2	-31.74	134.74	475999.17	6488059.76	269.13	216.26	117	120	152.14	54436.03	-0.36	1.94	-0.38	-120.56	-34.01	0	0	-120	-35	6.45	5.09	4.2	3.24	2.16	1.19	0.51
D	6	1065.4	-31.74	134.74	475999.13	6488072.66	269.12	216.19	116.93	120	152.2	54436.14	-0.35	2	-0.22	-120.55	-34.04	0	0	-120	-35	6.48	5.1	4.2	3.24	2.16	1.2	0.52
D	6	1065.6	-31.74	134.74	475999.08	6488085.55	269.12	216.16	116.73	120	152.39	54436.59	-0.34	2.03	-0.05	-120.52	-34.08	0	0	-120	-35	6.5	5.1	4.2	3.23	2.16	1.2	0.52
D	6	1065.8	-31.74	134.74	475999.03	6488098.44	269.12	216.18	116.4	120	152.72	54437.38	-0.32	1.95	0.14	-120.47	-34.14	0	0	-120	-35	6.53	5.09	4.19	3.22	2.15	1.2	0.53
D	6	1066	-31.74	134.74	475998.99	6488111.34	269.11	216.21	115.88	120	153.23	54438.49	-0.31	1.81	0.26	-120.46	-34.22	0	0	-120	-35	6.54	5.08	4.16	3.19	2.13	1.2	0.54
D	6	1066.2	-31.74	134.74	475998.94	6488124.23	269.1	216.19	115.2	120	153.9	54439.87	-0.29	1.71	0.33	-120.41	-34.28	0	0	-120	-35	6.56	5.07	4.13	3.16	2.11	1.2	0.54
D	6	1066.4	-31.74	134.74	475998.9	6488137.12	269.08	216.11	114.33	120	154.75	54441.51	-0.26	1.67	0.41	-120.36	-34.34	0	0	-120	-35	6.57	5.05	4.09	3.11	2.08	1.18	0.54
D	6	1066.6	-31.74	134.74	475998.85	6488150	269.06	216	113.3	120	155.76	54443.36	-0.24	1.64	0.51	-120.33	-34.39	0	0	-120	-35	6.59	5.02	4.04	3.06	2.04	1.16	0.54
D	6	1066.8	-31.74	134.74	475998.8	6488162.89	269.02	215.87	112.19	120	156.82	54445.34	-0.21	1.58	0.61	-120.27	-34.46	0	0	-120	-35	6.61	4.99	3.99	3	1.98	1.13	0.53
D	6	1067	-31.74	134.74	475998.75	6488175.77	268.97	215.77	111.12	120	157.85	54447.37	-0.18	1.5	0.64	-120.24	-34.51	0	0	-120	-35	6.63	4.96	3.92	2.93	1.92	1.09	0.51
D	6	1067.2	-31.74	134.74	475998.69	6488188.65	268.9	215.7	110.17	120	158.73	54449.39	-0.16	1.44	0.61	-120.22	-34.55	0	0	-120	-35	6.65	4.92	3.86	2.85	1.85	1.05	0.49
D	6	1067.4	-31.74	134.74	475998.63	6488201.53	268.82	215.65	109.42	120	159.4	54451.37	-0.14	1.41	0.55	-120.2	-34.59	0	0	-120	-35	6.67	4.88	3.78	2.76	1.78	1	0.47
D	6	1067.6	-31.74	134.74	475998.56	6488214.41	268.73	215.65	108.83	120	159.9	54453.23	-0.12	1.39	0.47	-120.18	-34.58	0	0	-120	-35	6.7	4.83	3.71	2.68	1.7	0.95	0.44
D	6	1067.8	-31.74	134.74	475998.49	6488227.29	268.64	215.66	108.36	120	160.29	54454.87	-0.1	1.42	0.39	-120.18	-34.56	0	0	-120	-35	6.73	4.78	3.64	2.6	1.63	0.89	0.41
D	6	1068	-31.74	134.74	475998.42	6488240.17	268.56	215.7	107.96	120	160.6	54456.27	-0.09	1.47	0.32	-120.18	-34.55	0	0	-120	-35	6.77	4.74	3.57	2.52	1.56	0.84	0.38
D	6	1068.2	-31.74	134.74	475998.34	6488253.04	268.48	215.71	107.61	120	160.87	54457.42	-0.08	1.55	0.27	-120.22	-34.5	0	0	-120	-35	6.81	4.71	3.52	2.46	1.5	0.8	0.35
D	6	1068.4	-31.74	134.74	475998.27	6488265.92	268.41	215.67	107.35	120	161.06	54458.35	-0.08	1.64	0.28	-120.23	-34.47	0	0	-120	-35	6.86	4.7	3.48	2.41	1.45	0.76	0.33
D	6	1068.6	-31.74	134.74	475998.19	6488278.8	268.35	215.62	107.24	120	161.11	54459.05	-0.08	1.72	0.32	-120.27	-34.43	0	0	-120	-35	6.91	4.71	3.47	2.39	1.43	0.74	0.31
D	6	1068.8	-31.74	134.74	475998.12	6488291.68	268.3	215.55	107.27	120	161.03	54459.57	-0.09	1.84	0.34	-120.3	-34.39	0	0	-120	-35	6.98	4.74	3.49	2.4	1.43	0.73	0.3
D	6	1069	-31.74	134.74	475998.04	6488304.56	268.28	215.51	107.42	120	160.85	54459.97	-0.09	1.99	0.37	-120.33	-34.36	0	0	-120	-35	7.05	4.8	3.55	2.45	1.46	0.74	0.3
D	6	1069.2	-31.74	134.74	475997.96	6488317.43	268.27	215.52	107.64	120	160.64	54460.33	-0.1	2.14	0.4	-120.36	-34.37	0	0	-120	-35	7.15	4.9	3.65	2.55	1.53	0.78	0.31
D	6	1069.4	-31.74	134.74	475997.88	6488330.3	268.29	215.52	107.84	120	160.45	54460.71	-0.11	2.25	0.44	-120.38	-34.39	0	0	-120	-35	7.25	5.03	3.79	2.68	1.64	0.84	0.34
D	6	1069.6	-31.74	134.74	475997.81	6488343.17	268.34	215.55	107.97	120	160.36	54461.17	-0.11	2.34	0.49	-120.39	-34.42	0	0	-120	-35	7.37	5.19	3.96	2.85	1.77	0.93	0.38
D	6	1069.8	-31.73	134.74	475997.73	6488356.03	268.4	215.6	108.03	120	160.37	54461.75	-0.12	2.42	0.57	-120.38	-34.48	0	0	-120	-35	7.49	5.36	4.17	3.05	1.94	1.04	0.43
D	6	1070	-31.73	134.74	475997.66	6488368.89	268.47	215.7	108.02	120	160.45	54462.48	-0.12	2.5	0.69	-120.37	-34.53	0	0	-120	-35	7.61	5.55	4.39	3.27	2.13	1.16	0.49
D	6	1070.2	-31.73	134.74	475997.59	6488381.74	268.57	215.85	107.96	120	160.6	54463.38	-0.11	2.58	0.82	-120.36	-34.63	0	0	-120	-35	7.73	5.74	4.61	3.51	2.34	1.31	0.56
D	6	1070.4	-31.73	134.74	475997.53	6488394.58	268.68	216.03	107.9	120	160.78	54464.49	-0.11	2.67	0.96	-120.35	-34.73	0	0	-120	-35	7.85	5.92	4.83	3.74	2.55	1.45	0.64
D	6	1070.6	-31.73	134.74	475997.47	6488407.41	268.81	216.22	107.8	120	161.01	54465.77	-0.1	2.74	1.07	-120.32	-34.85	0	0	-120	-35	7.96	6.09	5.04	3.97	2.75	1.6	0.72
D	6	1070.8	-31.73	134.74	475997.42	6488420.24	268.96	216.4	107.68	120	161.28	54467.2	-0.08	2.79	1.17	-120.3	-34.95	0	0	-120	-35	8.07	6.24	5.23	4.17	2.94	1.74	0.8
D	6	1071	-31.73	134.74	475997.38	6488433.05	269.12	216.56	107.52	120	161.59	54468.71	-0.07	2.83	1.22	-120.25	-35.08	0	0	-120	-35	8.16	6.37	5.38	4.34	3.1	1.88	0.88
D	6	1071.2	-31.73	134.74	475997.35	6488445.86	269.29	216.74	107.34	120	161.95	54470.25	-0.05	2.87	1.24	-120.21	-35.2	0	0	-120	-35	8.24	6.46	5.5	4.48	3.24	1.99	0.95
D	6	1071.4	-31.73	134.74	475997.33	6488458.65	269.48	216.93	107.15	120	162.33	54471.77	-0.03	2.96	1.22	-120.17	-35.36	0	0	-120	-35	8.31	6.53	5.59	4.57	3.34	2.07	1.01
D	6	1071.6	-31.73	134.74	475997.31	6488471.44	269.68	217.11	106.94	120	162.74	54473.22	-0.02	3.05	1.2	-120.11	-35.53	0	0	-120	-35	8.35	6.57	5.63	4.62	3.39	2.12	1.05
D	6	1071.8	-31.73	134.74	475997.31	6488484.21	269.89	217.27	106.73	120	163.15	54474.58	-0.01	3.1	1.18	-120.01	-35.69	0	0	-120	-35	8.38	6.58	5.64	4.64	3.41	2.15	1.08
D	6	1072	-31.73	134.74	475997.31	6488496.98	270.11	217.39	106.51	120	163.6	54475.83	0.01	3.11	1.18	-119.94	-35.87	0	0	-120	-35	8.4	6.56	5.62	4.61	3.4	2.15	1.09
D	6	1072.2	-31.73	134.74	475997.32	6488509.73	270.34	217.5	106.25	120	164.09	54476.94	0.01	3.08	1.17	-119.85	-36.06	0	0	-120	-35	8.41	6.54	5.57	4.57	3.36	2.12	1.08
D	6	1072.4	-31.73	134.74	475997.33	6488522.48	270.57	217.67	105.96	120	164.62	54477.89	0.03	3.04	1.13	-119.75	-36.24	0	0	-120	-35	8.4	6.5	5.51	4.5	3.29	2.07	1.06
D	6	1072.6	-31.73	134.74	475997.34	6488535.21	270.82	217.89	105.58	120	165.23	54478.66	0.03	3.01	1.07	-119.66	-36.38	0	0	-120	-35	8.4	6.45	5.44	4.41	3.2	2.01	1.03
D	6	1072.8	-31.73	134.74	475997.36	6488547.94	271.06	218.16	105.18	120	165.88	54479.25	0.04	2.98	0.98	-119.56	-36.53	0	0	-120	-35	8.39	6.4	5.37	4.32	3.11	1.93	0.98
D	6	1073	-31.73	134.74	475997.38	6488560.65	271.29	218.46	104.78	120	166.52	54479.67	0.04	2.95	0.88	-119.49	-36.64	0	0	-120	-35	8.37	6.34	5.29	4.22	3	1.85	0.94
D	6	1073.2	-31.73	134.74	475997.4	6488573.36	271.52	218.73	104.42	120	167.11	54479.91	0.05	2.94	0.78	-119.42	-36.75	0	0	-120	-35	8.36	6.29	5.2	4.12	2.89	1.76	0.88
D	6	1073.4	-31.73	134.74	475997.42	6488586.05	271.75	219	104.16	120	167.59	54479.99	0.05	2.94	0.68	-119.34	-36.82	0	0	-120	-35	8.34	6.23	5.12	4.01	2.78	1.67	0.83
D	6	1073.6	-31.73	134.74	475997.44	6488598.74	271.97	219.27	104.03	120	167.94	54479.89	0.05	2.94	0.58	-119.29	-36.87	0	0	-120	-35	8.33	6.18	5.04	3.91	2.67	1.58	0.77
D	6	1073.8	-31.73	134.74	475997.46	6488611.42	272.19	219.54	104.03	120	168.16	54479.59	0.05	2.93	0.47	-119.27	-36.94	0	0	-120	-35	8.32	6.13	4.97	3.81	2.5		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1081.6	-31.73	134.74	476001.39	6489100.12	281.95	229.88	106.87	120	175.08	54393.83	-0.27	2.82	-0.48	-118.97	-37.31	0	0	-120	-35	6.99	4.86	3.87	2.96	1.99	1.15	0.54
D	6	1081.8	-31.73	134.74	476001.58	6489112.55	282.19	230.15	107.75	120	174.44	54391.04	-0.28	2.79	-0.56	-119.01	-37.23	0	0	-120	-35	6.92	4.82	3.83	2.92	1.96	1.13	0.53
D	6	1082	-31.73	134.74	476001.77	6489124.98	282.43	230.4	108.98	120	173.45	54388.41	-0.29	2.75	-0.65	-119.04	-37.13	0	0	-120	-35	6.86	4.77	3.79	2.89	1.93	1.11	0.52
D	6	1082.2	-31.73	134.74	476001.95	6489137.41	282.66	230.63	110.43	120	172.24	54385.92	-0.29	2.7	-0.74	-119.1	-37.04	0	0	-120	-35	6.8	4.73	3.76	2.86	1.91	1.09	0.51
D	6	1082.4	-31.73	134.74	476002.13	6489149.84	282.89	230.85	111.93	120	170.96	54383.58	-0.3	2.64	-0.82	-119.15	-36.91	0	0	-120	-35	6.73	4.69	3.73	2.84	1.9	1.08	0.5
D	6	1082.6	-31.73	134.74	476002.31	6489162.28	283.1	231.05	113.37	120	169.73	54381.39	-0.3	2.58	-0.91	-119.2	-36.79	0	0	-120	-35	6.66	4.65	3.7	2.82	1.89	1.07	0.49
D	6	1082.8	-31.73	134.74	476002.48	6489174.71	283.3	231.23	114.68	120	168.62	54379.36	-0.3	2.52	-0.94	-119.24	-36.66	0	0	-120	-35	6.58	4.62	3.68	2.81	1.88	1.07	0.49
D	6	1083	-31.73	134.74	476002.64	6489187.15	283.49	231.38	115.82	120	167.67	54377.45	-0.3	2.46	-0.95	-119.31	-36.52	0	0	-120	-35	6.51	4.58	3.66	2.81	1.88	1.07	0.49
D	6	1083.2	-31.73	134.74	476002.79	6489199.59	283.67	231.47	116.79	120	166.88	54375.61	-0.3	2.42	-1	-119.37	-36.38	0	0	-120	-35	6.44	4.55	3.64	2.8	1.89	1.08	0.49
D	6	1083.4	-31.73	134.74	476002.94	6489212.04	283.84	231.52	117.61	120	166.23	54373.8	-0.3	2.36	-1.06	-119.44	-36.25	0	0	-120	-35	6.36	4.51	3.62	2.8	1.89	1.08	0.49
D	6	1083.6	-31.73	134.74	476003.07	6489224.48	284	231.56	118.26	120	165.73	54372	-0.3	2.29	-1.12	-119.5	-36.11	0	0	-120	-35	6.28	4.47	3.61	2.79	1.9	1.08	0.5
D	6	1083.8	-31.73	134.74	476003.2	6489236.94	284.14	231.59	118.8	120	165.34	54370.2	-0.3	2.21	-1.16	-119.56	-35.98	0	0	-120	-35	6.2	4.43	3.59	2.78	1.9	1.09	0.5
D	6	1084	-31.73	134.74	476003.31	6489249.4	284.26	231.64	119.24	120	165.03	54368.42	-0.31	2.13	-1.19	-119.62	-35.85	0	0	-120	-35	6.12	4.39	3.56	2.77	1.9	1.09	0.5
D	6	1084.2	-31.73	134.74	476003.41	6489261.86	284.37	231.72	119.57	120	164.8	54366.65	-0.31	2.05	-1.19	-119.7	-35.7	0	0	-120	-35	6.03	4.35	3.54	2.76	1.9	1.09	0.5
D	6	1084.4	-31.73	134.74	476003.49	6489274.33	284.46	231.82	119.86	120	164.61	54364.88	-0.32	2.01	-1.17	-119.78	-35.51	0	0	-120	-35	5.95	4.31	3.51	2.74	1.89	1.09	0.5
D	6	1084.6	-31.73	134.74	476003.56	6489286.8	284.54	231.93	120.08	120	164.46	54363.1	-0.33	2	-1.15	-119.84	-35.34	0	0	-120	-35	5.87	4.28	3.48	2.73	1.89	1.09	0.5
D	6	1084.8	-31.73	134.74	476003.62	6489299.28	284.62	232.06	120.26	120	164.36	54361.26	-0.34	2.01	-1.13	-119.91	-35.21	0	0	-120	-35	5.79	4.24	3.46	2.72	1.88	1.1	0.51
D	6	1085	-31.73	134.74	476003.67	6489311.77	284.69	232.18	120.42	120	164.27	54359.39	-0.34	2.04	-1.1	-119.98	-35.08	0	0	-120	-35	5.73	4.22	3.45	2.72	1.88	1.1	0.51
D	6	1085.2	-31.73	134.74	476003.7	6489324.26	284.76	232.31	120.54	120	164.21	54357.57	-0.36	2.07	-1.1	-120.04	-34.96	0	0	-120	-35	5.69	4.21	3.44	2.72	1.89	1.11	0.52
D	6	1085.4	-31.73	134.74	476003.71	6489336.76	284.82	232.42	120.61	120	164.21	54355.86	-0.37	2.11	-1.15	-120.09	-34.85	0	0	-120	-35	5.66	4.2	3.45	2.73	1.9	1.11	0.53
D	6	1085.6	-31.73	134.74	476003.71	6489349.26	284.89	232.51	120.63	120	164.26	54354.26	-0.38	2.12	-1.22	-120.12	-34.81	0	0	-120	-35	5.64	4.2	3.46	2.74	1.91	1.12	0.53
D	6	1085.8	-31.73	134.74	476003.7	6489361.77	284.95	232.6	120.58	120	164.37	54352.72	-0.39	2.11	-1.29	-120.15	-34.77	0	0	-120	-35	5.64	4.21	3.48	2.76	1.93	1.14	0.54
D	6	1086	-31.73	134.74	476003.68	6489374.29	285.01	232.68	120.48	120	164.53	54351.25	-0.4	2.11	-1.34	-120.18	-34.78	0	0	-120	-35	5.65	4.23	3.5	2.78	1.94	1.15	0.55
D	6	1086.2	-31.73	134.74	476003.64	6489386.81	285.07	232.75	120.35	120	164.72	54349.89	-0.41	2.12	-1.37	-120.21	-34.8	0	0	-120	-35	5.67	4.25	3.52	2.79	1.96	1.16	0.55
D	6	1086.4	-31.73	134.74	476003.6	6489399.34	285.13	232.82	120.18	120	164.95	54348.68	-0.41	2.12	-1.35	-120.22	-34.83	0	0	-120	-35	5.69	4.27	3.54	2.81	1.97	1.17	0.56
D	6	1086.6	-31.73	134.74	476003.54	6489411.88	285.19	232.88	119.99	120	165.2	54347.67	-0.42	2.11	-1.29	-120.2	-34.88	0	0	-120	-35	5.73	4.3	3.56	2.83	1.98	1.17	0.57
D	6	1086.8	-31.73	134.74	476003.47	6489424.42	285.25	232.94	119.78	120	165.47	54346.79	-0.43	2.08	-1.22	-120.19	-34.93	0	0	-120	-35	5.76	4.33	3.58	2.84	1.98	1.18	0.57
D	6	1087	-31.73	134.74	476003.39	6489436.97	285.3	233.03	119.55	120	165.75	54346.05	-0.43	2.04	-1.1	-120.2	-35.01	0	0	-120	-35	5.79	4.35	3.6	2.84	1.98	1.18	0.57
D	6	1087.2	-31.73	134.74	476003.3	6489449.52	285.35	233.11	119.32	120	166.04	54345.43	-0.43	1.97	-0.98	-120.17	-35.08	0	0	-120	-35	5.82	4.37	3.61	2.84	1.98	1.18	0.57
D	6	1087.4	-31.73	134.74	476003.21	6489462.08	285.4	233.21	119.02	120	166.38	54344.96	-0.44	1.88	-0.86	-120.14	-35.15	0	0	-120	-35	5.85	4.39	3.61	2.84	1.97	1.17	0.57
D	6	1087.6	-31.72	134.74	476003.1	6489474.65	285.44	233.29	118.66	120	166.78	54344.63	-0.44	1.78	-0.74	-120.13	-35.2	0	0	-120	-35	5.88	4.4	3.62	2.83	1.96	1.17	0.57
D	6	1087.8	-31.72	134.74	476003	6489487.23	285.48	233.37	118.19	120	167.28	54344.43	-0.44	1.7	-0.61	-120.1	-35.22	0	0	-120	-35	5.91	4.42	3.63	2.83	1.95	1.16	0.57
D	6	1088	-31.72	134.74	476002.89	6489499.81	285.5	233.43	117.61	120	167.89	54344.36	-0.44	1.65	-0.51	-120.09	-35.27	0	0	-120	-35	5.94	4.44	3.63	2.82	1.94	1.15	0.56
D	6	1088.2	-31.72	134.74	476002.78	6489512.39	285.52	233.48	116.94	120	168.57	54344.46	-0.44	1.63	-0.43	-120.07	-35.28	0	0	-120	-35	5.97	4.47	3.64	2.82	1.94	1.14	0.56
D	6	1088.4	-31.72	134.74	476002.67	6489524.99	285.52	233.52	116.19	120	169.33	54344.74	-0.44	1.63	-0.35	-120.06	-35.29	0	0	-120	-35	6.02	4.49	3.66	2.83	1.93	1.14	0.55
D	6	1088.6	-31.72	134.74	476002.56	6489537.59	285.52	233.55	115.43	120	170.1	54345.16	-0.43	1.64	-0.27	-120.07	-35.28	0	0	-120	-35	6.06	4.52	3.67	2.83	1.93	1.13	0.55
D	6	1088.8	-31.72	134.74	476002.45	6489550.2	285.52	233.58	114.77	120	170.74	54345.7	-0.43	1.66	-0.16	-120.07	-35.27	0	0	-120	-35	6.09	4.55	3.69	2.84	1.93	1.12	0.54
D	6	1089	-31.72	134.74	476002.34	6489562.81	285.51	233.63	114.32	120	171.18	54346.28	-0.42	1.69	-0.05	-120.1	-35.24	0	0	-120	-35	6.12	4.57	3.69	2.84	1.92	1.11	0.53
D	6	1089.2	-31.72	134.74	476002.25	6489575.43	285.49	233.68	114.16	120	171.33	54346.88	-0.42	1.73	0.02	-120.11	-35.18	0	0	-120	-35	6.14	4.58	3.7	2.83	1.91	1.1	0.53
D	6	1089.4	-31.72	134.74	476002.15	6489588.05	285.48	233.72	114.33	120	171.16	54347.44	-0.42	1.76	0.11	-120.13	-35.16	0	0	-120	-35	6.15	4.59	3.7	2.82	1.89	1.09	0.51
D	6	1089.6	-31.72	134.74	476002.07	6489600.68	285.47	233.74	114.75	120	170.72	54347.95	-0.42	1.79	0.2	-120.17	-35.12	0	0	-120	-35	6.16	4.59	3.69	2.81	1.87	1.07	0.5
D	6	1089.8	-31.72	134.74	476001.99	6489613.31	285.45	233.71	115.34	120	170.11	54348.36	-0.43	1.8	0.29	-120.18	-35.06	0	0	-120	-35	6.17	4.6	3.69	2.8	1.86	1.06	0.49
D	6	1090	-31.72	134.74	476001.92	6489625.94	285.43	233.66	116.03	120	169.4	54348.62	-0.43	1.81	0.31	-120.22	-35.02	0	0	-120	-35	6.19	4.61	3.7	2.79	1.85	1.05	0.48
D	6	1090.2	-31.72	134.74	476001.86	6489638.58	285.4	233.62	116.74	120	168.66	54348.76	-0.45	1.83	0.28	-120.24	-34.95	0	0	-120	-35	6.22	4.62	3.71	2.8	1.85		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1098	-31.72	134.74	476003.33	6490134.43	284.72	232.68	120.42	120	164.29	54513.39	-0.42	2.03	-1.41	-120.44	-34.53	0	0	-120	-35	5.06	3.01	1.98	1.21	0.66	0.35	0.19
D	6	1098.2	-31.72	134.74	476003.33	6490147.25	284.72	232.69	120.19	120	164.53	54520.33	-0.45	1.97	-1.45	-120.42	-34.64	0	0	-120	-35	5.04	2.93	1.89	1.13	0.6	0.32	0.18
D	6	1098.4	-31.72	134.74	476003.32	6490160.07	284.71	232.67	119.9	120	164.82	54527.48	-0.47	1.89	-1.46	-120.35	-34.69	0	0	-120	-35	5.02	2.86	1.81	1.05	0.55	0.29	0.17
D	6	1098.6	-31.72	134.74	476003.31	6490172.9	284.7	232.59	119.56	120	165.14	54535.06	-0.5	1.78	-1.5	-120.33	-34.76	0	0	-120	-35	4.98	2.79	1.73	0.98	0.51	0.27	0.16
D	6	1098.8	-31.72	134.74	476003.27	6490185.73	284.67	232.47	119.18	120	165.49	54543.33	-0.51	1.69	-1.6	-120.27	-34.76	0	0	-120	-35	4.94	2.73	1.66	0.93	0.47	0.25	0.15
D	6	1099	-31.72	134.74	476003.23	6490198.57	284.63	232.33	118.74	120	165.89	54552.49	-0.52	1.63	-1.76	-120.27	-34.76	0	0	-120	-35	4.9	2.67	1.6	0.87	0.43	0.23	0.14
D	6	1099.2	-31.72	134.74	476003.16	6490211.42	284.57	232.22	118.19	120	166.38	54562.74	-0.5	1.63	-1.99	-120.27	-34.72	0	0	-120	-35	4.85	2.62	1.55	0.83	0.41	0.22	0.13
D	6	1099.4	-31.72	134.74	476003.09	6490224.27	284.49	232.13	117.51	120	166.99	54574.13	-0.47	1.64	-2.18	-120.27	-34.67	0	0	-120	-35	4.82	2.58	1.52	0.8	0.39	0.2	0.12
D	6	1099.6	-31.72	134.74	476002.99	6490237.13	284.4	232.06	116.73	120	167.67	54586.68	-0.42	1.66	-2.26	-120.29	-34.6	0	0	-120	-35	4.79	2.56	1.5	0.79	0.38	0.2	0.12
D	6	1099.8	-31.72	134.74	476002.88	6490250	284.31	231.97	115.93	120	168.37	54600.28	-0.36	1.7	-2.22	-120.29	-34.55	0	0	-120	-35	4.78	2.55	1.5	0.79	0.38	0.2	0.12
D	6	1100	-31.72	134.74	476002.75	6490262.87	284.2	231.86	115.28	120	168.92	54614.8	-0.27	1.74	-2.07	-120.31	-34.49	0	0	-120	-35	4.8	2.57	1.51	0.8	0.39	0.2	0.12
D	6	1100.2	-31.72	134.74	476002.61	6490275.76	284.1	231.76	114.95	120	169.15	54630.02	-0.18	1.78	-1.91	-120.34	-34.48	0	0	-120	-35	4.83	2.59	1.53	0.82	0.4	0.21	0.12
D	6	1100.4	-31.72	134.74	476002.45	6490288.64	284	231.7	115.07	120	168.93	54645.63	-0.07	1.82	-1.8	-120.38	-34.45	0	0	-120	-35	4.87	2.62	1.56	0.85	0.43	0.22	0.12
D	6	1100.6	-31.72	134.74	476002.28	6490301.54	283.9	231.68	115.72	120	168.18	54661.27	-0.02	1.84	-1.75	-120.39	-34.4	0	0	-120	-35	4.9	2.65	1.6	0.88	0.45	0.24	0.12
D	6	1100.8	-31.72	134.74	476002.09	6490314.44	283.8	231.66	116.8	120	167.01	54676.53	0.14	1.86	-1.68	-120.41	-34.39	0	0	-120	-35	4.93	2.67	1.63	0.91	0.48	0.25	0.13
D	6	1101	-31.72	134.74	476001.91	6490327.35	283.72	231.64	118.14	120	165.58	54690.99	0.27	1.88	-1.54	-120.46	-34.36	0	0	-120	-35	4.95	2.69	1.65	0.94	0.5	0.26	0.13
D	6	1126	-31.72	134.75	477037.78	6490359.43	291.54	238.81	109.33	120	182.21	54465.64	-0.01	3.62	-2.59	-121.09	-33.88	0	0	-120	-35	6.27	3.38	1.91	0.92	0.31	0.09	0.02
D	6	1126.2	-31.72	134.75	477036.7	6490345.44	291.45	238.65	108.54	120	182.92	54465.84	-0.01	3.56	-2.83	-121.03	-34.16	0	0	-120	-35	6.37	3.41	1.9	0.9	0.3	0.08	0.02
D	6	1126.4	-31.72	134.75	477035.65	6490331.46	291.4	238.55	107.69	120	183.72	54466.07	0	3.46	-2.87	-120.99	-34.46	0	0	-120	-35	6.46	3.43	1.9	0.89	0.3	0.08	0.02
D	6	1126.6	-31.72	134.75	477034.63	6490317.48	291.38	238.49	106.79	120	184.59	54466.31	0.01	3.38	-2.72	-120.9	-34.76	0	0	-120	-35	6.56	3.45	1.9	0.89	0.29	0.08	0.02
D	6	1126.8	-31.72	134.75	477033.65	6490303.5	291.37	238.48	105.91	120	185.47	54466.51	0.01	3.35	-2.43	-120.83	-35.1	0	0	-120	-35	6.66	3.48	1.9	0.89	0.29	0.08	0.02
D	6	1127	-31.72	134.75	477032.69	6490289.53	291.38	238.5	105.11	120	186.27	54466.66	0.01	3.41	-2.04	-120.75	-35.38	0	0	-120	-35	6.75	3.5	1.91	0.89	0.29	0.08	0.01
D	6	1127.2	-31.72	134.75	477031.75	6490275.56	291.4	238.57	104.52	120	186.88	54466.75	0.01	3.63	-1.58	-120.66	-35.64	0	0	-120	-35	6.84	3.52	1.93	0.9	0.3	0.08	0.02
D	6	1127.4	-31.72	134.75	477030.83	6490261.6	291.44	238.68	104.2	120	187.24	54466.82	0.01	3.99	-1.12	-120.58	-35.88	0	0	-120	-35	6.92	3.54	1.94	0.91	0.31	0.09	0.02
D	6	1127.6	-31.72	134.75	477029.94	6490247.65	291.5	238.81	104.14	120	187.36	54466.93	0.01	4.44	-0.7	-120.53	-36.1	0	0	-120	-35	7	3.56	1.96	0.92	0.32	0.09	0.02
D	6	1127.8	-31.72	134.75	477029.07	6490233.71	291.62	238.95	104.3	120	187.32	54467.1	0.02	4.87	-0.38	-120.44	-36.3	0	0	-120	-35	7.06	3.58	1.97	0.93	0.33	0.09	0.02
D	6	1128	-31.72	134.75	477028.22	6490219.77	291.8	239.1	104.56	120	187.24	54467.34	0.02	5.2	-0.23	-120.33	-36.52	0	0	-120	-35	7.1	3.59	1.98	0.94	0.34	0.1	0.02
D	6	1128.2	-31.72	134.75	477027.39	6490205.85	292.06	239.26	104.83	120	187.23	54467.65	0.02	5.4	-0.28	-120.27	-36.77	0	0	-120	-35	7.13	3.59	1.98	0.94	0.34	0.1	0.02
D	6	1128.4	-31.72	134.75	477026.57	6490191.94	292.38	239.47	105.04	120	187.34	54468.03	0.03	5.48	-0.5	-120.08	-37.06	0	0	-120	-35	7.13	3.58	1.98	0.95	0.35	0.1	0.02
D	6	1128.6	-31.72	134.75	477025.78	6490178.04	292.75	239.71	105.2	120	187.55	54468.49	0.04	5.47	-0.79	-119.94	-37.39	0	0	-120	-35	7.13	3.56	1.97	0.95	0.36	0.11	0.02
D	6	1128.8	-31.72	134.75	477025.01	6490164.16	293.14	240.02	105.3	120	187.84	54469.01	0.05	5.4	-1.09	-119.71	-37.73	0	0	-120	-35	7.11	3.54	1.96	0.95	0.36	0.11	0.02
D	6	1129	-31.72	134.75	477024.27	6490150.29	293.54	240.39	105.42	120	188.12	54469.58	0.06	5.3	-1.34	-119.52	-38.08	0	0	-120	-35	7.08	3.5	1.95	0.95	0.37	0.11	0.02
D	6	1129.2	-31.72	134.75	477023.56	6490136.44	293.95	240.8	105.63	120	188.32	54470.19	0.07	5.22	-1.49	-119.3	-38.45	0	0	-120	-35	7.03	3.46	1.93	0.95	0.37	0.12	0.03
D	6	1129.4	-31.72	134.75	477022.87	6490122.61	294.37	241.24	105.94	120	188.43	54470.79	0.08	5.13	-1.52	-119.11	-38.73	0	0	-120	-35	6.97	3.41	1.9	0.94	0.38	0.12	0.03
D	6	1129.6	-31.72	134.75	477022.21	6490108.78	294.78	241.7	106.38	120	188.4	54471.38	0.09	5.05	-1.45	-118.94	-38.99	0	0	-120	-35	6.88	3.34	1.86	0.93	0.37	0.12	0.03
D	6	1129.8	-31.72	134.75	477021.57	6490094.98	295.18	242.16	106.92	120	188.26	54471.9	0.11	4.97	-1.34	-118.8	-39.17	0	0	-120	-35	6.76	3.26	1.82	0.91	0.37	0.12	0.03
D	6	1130	-31.72	134.75	477020.96	6490081.18	295.57	242.62	107.51	120	188.06	54472.35	0.12	4.89	-1.17	-118.69	-39.27	0	0	-120	-35	6.63	3.17	1.76	0.88	0.36	0.12	0.03
D	6	1130.2	-31.72	134.75	477020.36	6490067.39	295.94	243.06	108.13	120	187.81	54472.67	0.13	4.81	-0.97	-118.61	-39.31	0	0	-120	-35	6.48	3.06	1.7	0.85	0.34	0.12	0.02
D	6	1130.4	-31.72	134.75	477019.77	6490053.61	296.3	243.48	108.76	120	187.54	54472.81	0.14	4.71	-0.77	-118.55	-39.27	0	0	-120	-35	6.32	2.96	1.64	0.82	0.33	0.12	0.02
D	6	1130.6	-31.72	134.75	477019.21	6490039.83	296.63	243.88	109.37	120	187.26	54472.75	0.15	4.62	-0.55	-118.52	-39.2	0	0	-120	-35	6.16	2.86	1.58	0.78	0.31	0.11	0.03
D	6	1130.8	-31.72	134.75	477018.66	6490026.07	296.97	244.25	109.98	120	186.99	54472.48	0.15	4.55	-0.32	-118.51	-39.11	0	0	-120	-35	6.01	2.78	1.53	0.76	0.3	0.11	0.03
D	6	1131	-31.72	134.75	477018.11	6490012.32	297.3	244.62	110.57	120	186.72	54472.01	0.16	4.52	-0.08	-118.52	-39	0	0	-120	-35	5.88	2.71	1.49	0.73	0.29	0.11	0.03
D	6	1131.2	-31.72	134.75	477017.58	6489998.58	297.63	244.99	111.16	120	186.48	54471.3	0.16	4.59	0.18	-118.54	-38.88	0	0	-120	-35	5.79	2.66	1.46	0.72	0.29	0.11	0.03
D	6	1131.4	-31.72	134.75	477017.05	6489984.85	297.96	245.37	111.71	120	186.25	54470.32	0.16	4.73	0.44	-118.56	-38.75	0	0	-120	-35	5.73	2.64	1.44	0.71	0.29		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1139.2	-31.73	134.75	476996.44	6489451.16	302.75	249.83	126.36	120	176.39	54369.65	-0.25	2.69	-0.47	-120.23	-35.08	0	0	-120	-35	4.89	3.32	2.39	1.59	0.9	0.43	0.17
D	6	1139.4	-31.73	134.75	476996.09	6489437.47	302.65	249.79	126.72	120	175.93	54369.57	-0.24	2.62	-0.44	-120.23	-35.06	0	0	-120	-35	4.85	3.3	2.37	1.58	0.89	0.43	0.17
D	6	1139.6	-31.73	134.75	476995.75	6489423.77	302.54	249.75	127.04	120	175.5	54369.71	-0.23	2.48	-0.24	-120.23	-35	0	0	-120	-35	4.81	3.27	2.35	1.56	0.88	0.42	0.16
D	6	1139.8	-31.73	134.75	476995.43	6489410.08	302.41	249.68	127.32	120	175.09	54370	-0.22	2.3	0.04	-120.27	-34.94	0	0	-120	-35	4.77	3.24	2.32	1.54	0.86	0.41	0.16
D	6	1140	-31.73	134.75	476995.13	6489396.38	302.25	249.55	127.55	120	174.7	54370.45	-0.21	2.08	0.41	-120.29	-34.85	0	0	-120	-35	4.74	3.22	2.3	1.52	0.85	0.4	0.16
D	6	1140.2	-31.73	134.75	476994.83	6489382.67	302.06	249.39	127.73	120	174.32	54371.06	-0.2	1.85	0.85	-120.34	-34.78	0	0	-120	-35	4.7	3.2	2.28	1.5	0.83	0.39	0.15
D	6	1140.4	-31.73	134.75	476994.55	6489368.96	301.84	249.19	127.9	120	173.94	54371.82	-0.19	1.68	1.34	-120.38	-34.68	0	0	-120	-35	4.67	3.18	2.26	1.49	0.82	0.38	0.15
D	6	1140.6	-31.73	134.75	476994.28	6489355.24	301.6	248.95	128.06	120	173.54	54372.64	-0.18	1.56	1.79	-120.45	-34.54	0	0	-120	-35	4.64	3.17	2.26	1.48	0.81	0.37	0.15
D	6	1140.8	-31.73	134.75	476994.01	6489341.51	301.34	248.7	128.17	120	173.18	54373.49	-0.17	1.51	2.11	-120.55	-34.39	0	0	-120	-35	4.62	3.18	2.27	1.49	0.81	0.37	0.14
D	6	1141	-31.73	134.75	476993.74	6489327.78	301.08	248.39	128.22	120	172.87	54374.37	-0.16	1.53	2.28	-120.63	-34.24	0	0	-120	-35	4.62	3.2	2.3	1.51	0.82	0.37	0.14
D	6	1141.2	-31.73	134.75	476993.47	6489314.03	300.82	248.06	128.2	120	172.62	54375.32	-0.15	1.61	2.37	-120.74	-34.08	0	0	-120	-35	4.62	3.23	2.33	1.54	0.83	0.38	0.15
D	6	1141.4	-31.73	134.75	476993.19	6489300.28	300.56	247.73	128.1	120	172.46	54376.35	-0.15	1.7	2.41	-120.82	-33.89	0	0	-120	-35	4.63	3.27	2.38	1.57	0.86	0.39	0.15
D	6	1141.6	-31.73	134.75	476992.91	6489286.51	300.28	247.43	127.93	120	172.35	54377.43	-0.14	1.74	2.38	-120.9	-33.7	0	0	-120	-35	4.64	3.31	2.42	1.61	0.89	0.41	0.16
D	6	1141.8	-31.73	134.75	476992.63	6489272.74	300.01	247.17	127.74	120	172.27	54378.54	-0.13	1.74	2.31	-120.98	-33.53	0	0	-120	-35	4.65	3.35	2.47	1.66	0.92	0.42	0.16
D	6	1142	-31.73	134.75	476992.36	6489258.95	299.73	246.94	127.51	120	172.22	54379.65	-0.12	1.69	2.23	-121.04	-33.37	0	0	-120	-35	4.67	3.39	2.52	1.7	0.95	0.44	0.17
D	6	1142.2	-31.73	134.75	476992.08	6489245.16	299.44	246.69	127.27	120	172.17	54380.78	-0.12	1.62	2.12	-121.07	-33.2	0	0	-120	-35	4.68	3.42	2.56	1.74	0.98	0.46	0.17
D	6	1142.4	-31.73	134.75	476991.79	6489231.35	299.14	246.41	127.04	120	172.1	54381.88	-0.11	1.54	1.99	-121.1	-33.03	0	0	-120	-35	4.69	3.45	2.59	1.77	1.01	0.47	0.18
D	6	1142.6	-31.73	134.75	476991.51	6489217.54	298.85	246.09	126.8	120	172.05	54382.93	-0.11	1.46	1.84	-121.11	-32.89	0	0	-120	-35	4.7	3.46	2.61	1.79	1.03	0.48	0.19
D	6	1142.8	-31.73	134.75	476991.23	6489203.72	298.54	245.73	126.54	120	172	54383.92	-0.1	1.4	1.72	-121.12	-32.75	0	0	-120	-35	4.71	3.47	2.63	1.81	1.04	0.5	0.19
D	6	1143	-31.73	134.75	476990.94	6489189.89	298.23	245.34	126.23	120	172	54384.89	-0.1	1.37	1.65	-121.12	-32.62	0	0	-120	-35	4.72	3.47	2.63	1.82	1.05	0.5	0.2
D	6	1143.2	-31.73	134.75	476990.66	6489176.06	297.9	244.97	125.86	120	172.04	54385.89	-0.1	1.34	1.63	-121.13	-32.54	0	0	-120	-35	4.73	3.47	2.63	1.82	1.06	0.51	0.2
D	6	1143.4	-31.73	134.75	476990.38	6489162.22	297.57	244.62	125.48	120	172.09	54386.87	-0.1	1.31	1.65	-121.14	-32.47	0	0	-120	-35	4.74	3.47	2.63	1.82	1.06	0.52	0.2
D	6	1143.6	-31.73	134.75	476990.1	6489148.38	297.23	244.34	125.12	120	172.11	54387.83	-0.1	1.3	1.72	-121.17	-32.42	0	0	-120	-35	4.76	3.46	2.62	1.81	1.06	0.52	0.2
D	6	1143.8	-31.73	134.75	476989.81	6489134.52	296.89	244.09	124.8	120	172.08	54388.79	-0.1	1.29	1.83	-121.18	-32.36	0	0	-120	-35	4.78	3.46	2.61	1.8	1.05	0.51	0.2
D	6	1144	-31.73	134.75	476989.51	6489120.66	296.54	243.83	124.51	120	172.03	54389.83	-0.1	1.29	1.91	-121.19	-32.34	0	0	-120	-35	4.79	3.44	2.58	1.77	1.03	0.5	0.2
D	6	1144.2	-31.73	134.75	476989.21	6489106.79	296.19	243.53	124.23	120	171.96	54390.97	-0.1	1.28	1.98	-121.18	-32.3	0	0	-120	-35	4.8	3.42	2.56	1.74	1.01	0.49	0.19
D	6	1144.4	-31.73	134.75	476988.9	6489092.92	295.84	243.16	123.95	120	171.89	54392.21	-0.1	1.26	2.11	-121.19	-32.29	0	0	-120	-35	4.8	3.4	2.52	1.71	0.97	0.47	0.18
D	6	1144.6	-31.73	134.75	476988.58	6489079.03	295.48	242.74	123.68	120	171.8	54393.51	-0.09	1.21	2.3	-121.21	-32.28	0	0	-120	-35	4.79	3.37	2.48	1.67	0.94	0.44	0.17
D	6	1144.8	-31.73	134.75	476988.25	6489065.14	295.11	242.28	123.46	120	171.65	54394.9	-0.09	1.12	2.43	-121.2	-32.25	0	0	-120	-35	4.79	3.34	2.44	1.63	0.9	0.42	0.16
D	6	1145	-31.73	134.75	476987.91	6489051.24	294.73	241.81	123.32	120	171.42	54396.43	-0.08	1.03	2.48	-121.21	-32.25	0	0	-120	-35	4.8	3.32	2.41	1.59	0.87	0.4	0.15
D	6	1145.2	-31.73	134.75	476987.56	6489037.33	294.35	241.31	123.2	120	171.15	54398.09	-0.07	0.97	2.43	-121.23	-32.24	0	0	-120	-35	4.81	3.31	2.39	1.56	0.84	0.38	0.14
D	6	1145.4	-31.73	134.75	476987.21	6489023.42	293.95	240.81	123.08	120	170.87	54399.84	-0.06	0.98	2.2	-121.22	-32.21	0	0	-120	-35	4.84	3.31	2.38	1.54	0.82	0.36	0.13
D	6	1145.6	-31.73	134.75	476986.85	6489009.5	293.56	240.3	122.94	120	170.62	54401.64	-0.05	1.03	1.82	-121.24	-32.21	0	0	-120	-35	4.88	3.33	2.38	1.53	0.8	0.34	0.12
D	6	1145.8	-31.73	134.75	476986.5	6488995.57	293.16	239.78	122.75	120	170.41	54403.46	-0.04	1.11	1.34	-121.25	-32.21	0	0	-120	-35	4.92	3.34	2.39	1.52	0.79	0.33	0.11
D	6	1146	-31.73	134.75	476986.16	6488981.64	292.78	239.25	122.55	120	170.23	54405.28	-0.03	1.19	0.78	-121.26	-32.21	0	0	-120	-35	4.96	3.37	2.4	1.52	0.78	0.32	0.11
D	6	1146.2	-31.73	134.75	476985.83	6488967.7	292.41	238.71	122.32	120	170.08	54407.09	-0.02	1.28	0.18	-121.27	-32.21	0	0	-120	-35	5	3.39	2.41	1.52	0.77	0.31	0.1
D	6	1146.4	-31.73	134.75	476985.51	6488953.76	292.04	238.16	122.12	120	169.92	54408.87	-0.01	1.35	-0.38	-121.28	-32.2	0	0	-120	-35	5.03	3.41	2.42	1.52	0.76	0.3	0.1
D	6	1146.6	-31.73	134.75	476985.21	6488939.81	291.69	237.64	121.94	120	169.74	54410.61	0	1.4	-0.91	-121.27	-32.21	0	0	-120	-35	5.06	3.43	2.42	1.52	0.76	0.3	0.09
D	6	1146.8	-31.73	134.75	476984.95	6488925.87	291.34	237.18	121.8	120	169.54	54412.24	0.01	1.41	-1.37	-121.28	-32.21	0	0	-120	-35	5.1	3.46	2.43	1.52	0.76	0.29	0.09
D	6	1147	-31.73	134.75	476984.72	6488911.92	291	236.76	121.71	120	169.29	54413.7	0.01	1.38	-1.74	-121.26	-32.22	0	0	-120	-35	5.13	3.48	2.45	1.53	0.76	0.29	0.08
D	6	1147.2	-31.73	134.75	476984.53	6488897.98	290.66	236.4	121.61	120	169.05	54414.98	0.02	1.32	-1.98	-121.25	-32.23	0	0	-120	-35	5.18	3.52	2.48	1.55	0.77	0.29	0.08
D	6	1147.4	-31.73	134.75	476984.38	6488884.04	290.32	236.08	121.5	120	168.82	54416.1	0.02	1.26	-2.13	-121.25	-32.22	0	0	-120	-35	5.23	3.56	2.51	1.57	0.78	0.3	0.08
D	6	1147.6	-31.73	134.75	476984.27	6488870.1	289.99	235.77	121.37	120	168.62	54417.06	0.02	1.2	-2.15	-121.23	-32.23	0	0	-120	-35	5.29	3.61	2.54	1.6	0.8	0.3	0.08
D	6	1147.8	-31.73	134.75	476984.2	6488856.16	289.65	235.49	121.19	120	168.46	54417.84	0.02	1.16	-2.04	-121.21	-32.25	0	0	-120	-35	5.35	3.65	2.58	1.63	0.81	0.31</	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1155.6	-31.74	134.75	476996.53	6488312.51	278.99	225.99	118.7	120	160.29	54459.66	0.17	1.88	3.02	-120.92	-33.19	0	0	-120	-35	4.98	2.63	1.48	0.71	0.26	0.07	0.02
D	6	1155.8	-31.74	134.75	476996.85	6488298.57	278.84	225.88	118.68	120	160.16	54459.67	0.18	1.95	2.8	-120.91	-33.19	0	0	-120	-35	4.9	2.55	1.42	0.68	0.25	0.07	0.02
D	6	1156	-31.74	134.75	476997.14	6488284.64	278.71	225.81	118.56	120	160.15	54459.35	0.19	2	2.5	-120.91	-33.2	0	0	-120	-35	4.83	2.48	1.37	0.65	0.24	0.07	0.02
D	6	1156.2	-31.74	134.75	476997.4	6488270.7	278.59	225.73	118.34	120	160.24	54458.67	0.19	2.01	2.25	-120.88	-33.22	0	0	-120	-35	4.76	2.4	1.31	0.62	0.23	0.07	0.02
D	6	1156.4	-31.74	134.75	476997.64	6488256.76	278.49	225.63	118	120	160.48	54457.55	0.18	1.99	2.15	-120.88	-33.23	0	0	-120	-35	4.69	2.32	1.25	0.59	0.21	0.06	0.02
D	6	1156.6	-31.74	134.75	476997.86	6488242.82	278.39	225.54	117.45	120	160.95	54455.94	0.17	1.97	2.13	-120.86	-33.25	0	0	-120	-35	4.61	2.25	1.2	0.56	0.2	0.06	0.02
D	6	1156.8	-31.74	134.75	476998.06	6488228.89	278.31	225.44	116.64	120	161.68	54453.81	0.15	1.95	2.12	-120.86	-33.26	0	0	-120	-35	4.53	2.17	1.14	0.53	0.19	0.06	0.02
D	6	1157	-31.74	134.75	476998.23	6488214.95	278.24	225.36	115.59	120	162.65	54451.2	0.13	1.91	2.15	-120.86	-33.32	0	0	-120	-35	4.45	2.1	1.09	0.5	0.18	0.05	0.02
D	6	1157.2	-31.74	134.75	476998.39	6488201.02	278.17	225.29	114.44	120	163.73	54448.17	0.1	1.88	2.14	-120.84	-33.34	0	0	-120	-35	4.38	2.05	1.05	0.48	0.17	0.05	0.02
D	6	1157.4	-31.74	134.75	476998.53	6488187.09	278.11	225.2	113.43	120	164.67	54444.86	0.06	1.87	1.94	-120.82	-33.37	0	0	-120	-35	4.34	2.01	1.02	0.47	0.16	0.05	0.02
D	6	1157.6	-31.74	134.75	476998.65	6488173.16	278.04	225.1	112.81	120	165.23	54441.42	0.03	1.87	1.69	-120.8	-33.39	0	0	-120	-35	4.32	1.99	1.01	0.46	0.16	0.05	0.02
D	6	1157.8	-31.74	134.75	476998.76	6488159.23	277.98	224.96	112.72	120	165.25	54437.98	0	1.86	1.45	-120.83	-33.43	0	0	-120	-35	4.32	1.99	1.02	0.47	0.16	0.05	0.02
D	6	1158	-31.74	134.75	476998.86	6488145.3	277.9	224.82	113.18	120	164.72	54434.61	-0.03	1.88	1.18	-120.81	-33.45	0	0	-120	-35	4.33	2.01	1.04	0.48	0.17	0.05	0.02
D	6	1158.2	-31.74	134.75	476998.96	6488131.37	277.82	224.69	114.04	120	163.78	54431.38	-0.06	1.96	0.91	-120.81	-33.45	0	0	-120	-35	4.35	2.04	1.07	0.49	0.17	0.05	0.02
D	6	1158.4	-31.74	134.75	476999.06	6488117.44	277.72	224.59	115.09	120	162.63	54428.32	-0.08	2.01	0.78	-120.77	-33.45	0	0	-120	-35	4.38	2.07	1.1	0.51	0.18	0.05	0.02
D	6	1158.6	-31.74	134.75	476999.15	6488103.51	277.62	224.53	116.14	120	161.48	54425.53	-0.1	2.03	0.71	-120.78	-33.45	0	0	-120	-35	4.39	2.1	1.12	0.52	0.18	0.05	0.01
D	6	1158.8	-31.74	134.75	476999.23	6488089.58	277.51	224.49	117.06	120	160.45	54423.06	-0.12	2	0.63	-120.76	-33.42	0	0	-120	-35	4.4	2.14	1.15	0.54	0.18	0.05	0.01
D	6	1159	-31.74	134.75	476999.31	6488075.65	277.4	224.45	117.82	120	159.59	54420.91	-0.13	1.97	0.61	-120.74	-33.4	0	0	-120	-35	4.41	2.17	1.17	0.55	0.19	0.05	0.01
D	6	1159.2	-31.74	134.75	476999.37	6488061.73	277.3	224.39	118.43	120	158.87	54419.03	-0.14	1.92	0.65	-120.72	-33.37	0	0	-120	-35	4.42	2.2	1.19	0.56	0.19	0.05	0.01
D	6	1159.4	-31.74	134.75	476999.43	6488047.81	277.19	224.29	118.93	120	158.26	54417.31	-0.15	1.88	0.7	-120.72	-33.32	0	0	-120	-35	4.43	2.23	1.21	0.57	0.19	0.05	0.01
D	6	1159.6	-31.74	134.75	476999.48	6488033.89	277.08	224.15	119.33	120	157.75	54415.68	-0.16	1.84	0.78	-120.7	-33.29	0	0	-120	-35	4.44	2.25	1.23	0.59	0.2	0.05	0.01
D	6	1159.8	-31.74	134.75	476999.53	6488019.97	276.97	223.96	119.65	120	157.32	54414.19	-0.16	1.81	0.9	-120.7	-33.24	0	0	-120	-35	4.45	2.26	1.25	0.59	0.2	0.05	0.01
D	6	1160	-31.74	134.75	476999.57	6488006.06	276.84	223.75	119.88	120	156.96	54412.89	-0.17	1.81	0.9	-120.72	-33.23	0	0	-120	-35	4.46	2.27	1.26	0.6	0.21	0.06	0.01
D	6	1160.2	-31.74	134.75	476999.62	6487992.14	276.71	223.56	120.01	120	156.7	54411.84	-0.18	1.85	0.78	-120.72	-33.18	0	0	-120	-35	4.45	2.27	1.26	0.6	0.21	0.06	0.01
D	6	1160.4	-31.74	134.75	476999.67	6487978.23	276.58	223.43	120.04	120	156.54	54410.94	-0.18	1.87	0.89	-120.74	-33.16	0	0	-120	-35	4.43	2.26	1.26	0.6	0.21	0.06	0.02
D	6	1160.6	-31.74	134.75	476999.72	6487964.33	276.44	223.35	119.96	120	156.48	54410.15	-0.19	1.86	1.06	-120.78	-33.12	0	0	-120	-35	4.4	2.24	1.25	0.6	0.22	0.06	0.02
D	6	1160.8	-31.74	134.75	476999.76	6487950.43	276.31	223.28	119.77	120	156.55	54409.5	-0.19	1.85	1.13	-120.81	-33.1	0	0	-120	-35	4.35	2.22	1.24	0.59	0.22	0.07	0.02
D	6	1161	-31.74	134.75	476999.8	6487936.52	276.19	223.21	119.49	120	156.7	54409.12	-0.19	1.84	1.19	-120.83	-33.08	0	0	-120	-35	4.31	2.21	1.23	0.59	0.22	0.07	0.02
D	6	1161.2	-31.74	134.75	476999.82	6487922.63	276.09	223.15	119.15	120	156.94	54409.01	-0.2	1.86	1.39	-120.87	-33.08	0	0	-120	-35	4.28	2.21	1.23	0.59	0.22	0.07	0.02
D	6	1161.4	-31.74	134.75	476999.84	6487908.73	276	223.17	118.78	120	157.22	54409.1	-0.2	1.87	1.73	-120.89	-33.11	0	0	-120	-35	4.27	2.22	1.24	0.6	0.23	0.07	0.03
D	6	1161.6	-31.74	134.75	476999.85	6487894.84	275.92	223.23	118.42	120	157.5	54409.36	-0.2	1.83	2	-120.92	-33.13	0	0	-120	-35	4.29	2.26	1.27	0.62	0.24	0.08	0.03
D	6	1161.8	-31.74	134.75	476999.83	6487880.94	275.85	223.25	118.1	120	157.74	54409.84	-0.2	1.76	2.17	-120.96	-33.19	0	0	-120	-35	4.33	2.3	1.3	0.64	0.25	0.08	0.03
D	6	1162	-31.74	134.75	476999.79	6487867.04	275.79	223.19	117.89	120	157.9	54410.55	-0.2	1.73	2.53	-120.96	-33.23	0	0	-120	-35	4.39	2.36	1.35	0.68	0.27	0.09	0.03
D	6	1162.2	-31.74	134.75	476999.73	6487853.14	275.73	223.01	117.8	120	157.94	54411.49	-0.19	1.72	2.86	-120.97	-33.27	0	0	-120	-35	4.46	2.43	1.4	0.71	0.28	0.1	0.03
D	6	1162.4	-31.74	134.75	476999.65	6487839.24	275.69	222.79	117.85	120	157.84	54412.62	-0.19	1.71	2.95	-120.99	-33.35	0	0	-120	-35	4.52	2.48	1.44	0.74	0.3	0.11	0.04
D	6	1162.6	-31.74	134.75	476999.54	6487825.34	275.65	222.59	118.04	120	157.61	54413.99	-0.18	1.74	2.77	-121	-33.39	0	0	-120	-35	4.57	2.52	1.48	0.77	0.32	0.11	0.04
D	6	1162.8	-31.74	134.75	476999.41	6487811.44	275.61	222.46	118.34	120	157.26	54415.57	-0.17	1.8	2.4	-120.98	-33.4	0	0	-120	-35	4.59	2.55	1.5	0.79	0.33	0.12	0.04
D	6	1163	-31.74	134.75	476999.27	6487797.54	275.56	222.42	118.69	120	156.87	54417.36	-0.16	1.85	1.93	-120.99	-33.44	0	0	-120	-35	4.58	2.55	1.51	0.8	0.34	0.13	0.04
D	6	1163.2	-31.74	134.75	476999.12	6487783.64	275.5	222.43	119.05	120	156.45	54419.36	-0.15	1.88	1.49	-120.97	-33.45	0	0	-120	-35	4.55	2.52	1.5	0.8	0.35	0.13	0.05
D	6	1163.4	-31.74	134.75	476998.95	6487769.75	275.44	222.44	119.38	120	156.06	54421.55	-0.14	1.88	1.21	-120.98	-33.49	0	0	-120	-35	4.5	2.49	1.48	0.8	0.35	0.14	0.05
D	6	1163.6	-31.74	134.75	476998.77	6487755.85	275.37	222.39	119.65	120	155.72	54423.96	-0.12	1.88	1.06	-120.95	-33.51	0	0	-120	-35	4.46	2.44	1.46	0.79	0.35	0.14	0.05
D	6	1163.8	-31.74	134.75	476998.58	6487741.96	275.3	222.28	119.87	120	155.43	54426.56	-0.11	1.88	1.03	-120.94	-33.52	0	0	-120	-35	4.41	2.4	1.43	0.77	0.35	0.14	0.05
D	6	1164	-31.74	134.75	476998.38	6487728.07	275.24	222.13	120.02	120	155.22	54429.27	-0.09	1.88	1.08	-120.95	-33.51	0	0	-120	-35	4.37	2.35	1.4	0.76	0.35	0.15	0.05
D	6	1164.2	-31.74	134.75	476998.17	6487714.17	275.17	222.03	120.09	120	155.08	54431.97	-0.07	1.86	1.16	-120.95	-33.51	0	0	-120	-35	4.34	2.29	1.37	0.75			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1172	-31.75	134.75	476989.81	6487172.82	273.5	220.48	120.88	120	152.62	54453.27	-0.09	0.62	1.04	-121.04	-33.25	0	0	-120	-35	2.36	0.91	0.52	0.33	0.2	0.11	0.05
D	6	1172.2	-31.75	134.75	476989.69	6487158.93	273.35	220.25	121.39	120	151.96	54452.87	-0.09	0.57	1.09	-121.05	-33.14	0	0	-120	-35	2.44	0.96	0.57	0.35	0.22	0.11	0.05
D	6	1172.4	-31.75	134.75	476989.55	6487145.05	273.17	220.03	122.06	120	151.11	54452.77	-0.09	0.54	1.11	-121.06	-32.98	0	0	-120	-35	2.52	1.03	0.62	0.38	0.23	0.12	0.05
D	6	1172.6	-31.75	134.75	476989.41	6487131.15	272.97	219.83	122.71	120	150.26	54452.94	-0.08	0.5	1.11	-121.06	-32.77	0	0	-120	-35	2.61	1.09	0.66	0.41	0.24	0.12	0.05
D	6	1172.8	-31.75	134.75	476989.27	6487117.25	272.76	219.67	123.22	120	149.53	54453.29	-0.07	0.45	1.12	-121.1	-32.59	0	0	-120	-35	2.68	1.15	0.7	0.43	0.25	0.13	0.05
D	6	1173	-31.75	134.75	476989.11	6487103.34	272.52	219.5	123.57	120	148.95	54453.69	-0.06	0.38	1.13	-121.16	-32.34	0	0	-120	-35	2.73	1.2	0.73	0.45	0.26	0.13	0.05
D	6	1173.2	-31.75	134.75	476988.95	6487089.42	272.27	219.3	123.75	120	148.51	54454.08	-0.06	0.3	1.13	-121.24	-32.13	0	0	-120	-35	2.76	1.24	0.76	0.47	0.26	0.13	0.05
D	6	1173.4	-31.75	134.75	476988.78	6487075.5	271.99	219.05	123.8	120	148.19	54454.45	-0.05	0.19	1.13	-121.32	-31.86	0	0	-120	-35	2.78	1.27	0.77	0.48	0.26	0.13	0.05
D	6	1173.6	-31.75	134.75	476988.61	6487061.56	271.71	218.73	123.75	120	147.96	54454.8	-0.04	0.06	1.13	-121.41	-31.6	0	0	-120	-35	2.79	1.29	0.78	0.48	0.26	0.12	0.05
D	6	1173.8	-31.75	134.75	476988.43	6487047.62	271.4	218.36	123.6	120	147.8	54455.13	-0.04	-0.03	1.12	-121.51	-31.32	0	0	-120	-35	2.81	1.31	0.78	0.48	0.26	0.12	0.04
D	6	1174	-31.75	134.75	476988.24	6487033.66	271.09	217.97	123.37	120	147.72	54455.37	-0.04	-0.08	1.12	-121.65	-31.06	0	0	-120	-35	2.84	1.33	0.79	0.48	0.25	0.11	0.04
D	6	1174.2	-31.75	134.75	476988.05	6487019.7	270.76	217.58	123.07	120	147.7	54455.55	-0.04	-0.06	1.13	-121.76	-30.78	0	0	-120	-35	2.88	1.35	0.79	0.48	0.24	0.11	0.04
D	6	1174.4	-31.75	134.75	476987.86	6487005.73	270.43	217.21	122.67	120	147.76	54455.72	-0.04	0.01	1.14	-121.87	-30.55	0	0	-120	-35	2.94	1.37	0.81	0.48	0.24	0.1	0.03
D	6	1174.6	-31.75	134.75	476987.66	6486991.76	270.09	216.85	122.19	120	147.9	54455.94	-0.04	0.08	1.13	-121.98	-30.33	0	0	-120	-35	3.01	1.4	0.82	0.48	0.23	0.1	0.03
D	6	1174.8	-31.75	134.75	476987.46	6486977.77	269.74	216.49	121.65	120	148.09	54456.24	-0.04	0.13	1.12	-122.07	-30.13	0	0	-120	-35	3.11	1.45	0.85	0.48	0.23	0.09	0.03
D	6	1175	-31.75	134.75	476987.25	6486963.77	269.38	216.11	121.04	120	148.34	54456.63	-0.04	0.14	1.1	-122.16	-29.98	0	0	-120	-35	3.22	1.51	0.88	0.5	0.23	0.09	0.03
D	6	1175.2	-31.75	134.75	476987.03	6486949.76	269.03	215.68	120.37	120	148.66	54457.09	-0.04	0.14	1.02	-122.23	-29.87	0	0	-120	-35	3.34	1.58	0.93	0.52	0.24	0.09	0.02
D	6	1175.4	-31.75	134.75	476986.81	6486935.75	268.68	215.21	119.64	120	149.04	54457.62	-0.04	0.13	0.86	-122.28	-29.78	0	0	-120	-35	3.49	1.68	1	0.56	0.25	0.09	0.02
D	6	1175.6	-31.75	134.75	476986.6	6486921.73	268.32	214.69	118.79	120	149.53	54458.19	-0.03	0.15	0.6	-122.32	-29.75	0	0	-120	-35	3.65	1.81	1.08	0.61	0.28	0.1	0.02
D	6	1175.8	-31.75	134.75	476986.39	6486907.7	267.96	214.15	117.8	120	150.17	54458.8	-0.03	0.19	0.27	-122.3	-29.75	0	0	-120	-35	3.82	1.96	1.2	0.68	0.31	0.11	0.03
D	6	1176	-31.75	134.75	476986.2	6486893.66	267.6	213.62	116.63	120	150.97	54459.45	-0.02	0.23	-0.14	-122.32	-29.76	0	0	-120	-35	4.02	2.13	1.33	0.77	0.35	0.13	0.03
D	6	1176.2	-31.75	134.75	476986.03	6486879.62	267.23	213.1	115.28	120	151.96	54460.09	-0.02	0.29	-0.61	-122.32	-29.81	0	0	-120	-35	4.23	2.33	1.49	0.88	0.41	0.15	0.04
D	6	1176.4	-31.75	134.75	476985.88	6486865.57	266.87	212.61	113.77	120	153.09	54460.72	-0.01	0.37	-1.05	-122.31	-29.87	0	0	-120	-35	4.45	2.55	1.67	1	0.47	0.17	0.05
D	6	1176.6	-31.75	134.75	476985.75	6486851.52	266.51	212.14	112.26	120	154.25	54461.28	-0.01	0.44	-1.4	-122.28	-29.95	0	0	-120	-35	4.67	2.79	1.87	1.13	0.54	0.2	0.06
D	6	1176.8	-31.75	134.75	476985.64	6486837.47	266.16	211.71	110.94	120	155.23	54461.77	-0.01	0.5	-1.62	-122.27	-30.03	0	0	-120	-35	4.9	3.03	2.08	1.28	0.62	0.23	0.08
D	6	1177	-31.75	134.75	476985.58	6486823.42	265.83	211.33	110.03	120	155.8	54462.17	-0.01	0.56	-1.72	-122.25	-30.11	0	0	-120	-35	5.12	3.27	2.28	1.42	0.7	0.27	0.09
D	6	1177.2	-31.75	134.75	476985.54	6486809.38	265.52	211.02	109.67	120	155.86	54462.5	-0.01	0.71	-1.74	-122.25	-30.23	0	0	-120	-35	5.34	3.5	2.48	1.57	0.78	0.3	0.1
D	6	1177.4	-31.75	134.75	476985.54	6486795.33	265.24	210.81	109.85	120	155.39	54462.8	-0.01	0.95	-1.7	-122.21	-30.35	0	0	-120	-35	5.54	3.72	2.67	1.7	0.87	0.34	0.12
D	6	1177.6	-31.75	134.75	476985.57	6486781.29	264.98	210.7	110.43	120	154.56	54463.1	-0.01	1.2	-1.61	-122.19	-30.49	0	0	-120	-35	5.73	3.91	2.84	1.83	0.95	0.39	0.14
D	6	1177.8	-31.75	134.75	476985.61	6486767.25	264.76	210.67	111.21	120	153.56	54463.46	-0.01	1.41	-1.48	-122.15	-30.71	0	0	-120	-35	5.88	4.06	2.97	1.93	1.02	0.43	0.16
D	6	1178	-31.75	134.75	476985.68	6486753.21	264.59	210.69	112.04	120	152.55	54463.93	-0.01	1.61	-1.34	-122.12	-30.93	0	0	-120	-35	6	4.17	3.06	2.01	1.07	0.47	0.18
D	6	1178.2	-31.75	134.75	476985.76	6486739.17	264.46	210.73	112.82	120	151.64	54464.48	0	1.78	-1.07	-122.07	-31.21	0	0	-120	-35	6.07	4.23	3.11	2.06	1.11	0.5	0.2
D	6	1178.4	-31.75	134.75	476985.86	6486725.14	264.38	210.73	113.52	120	150.86	54465.05	0	1.92	-0.67	-122	-31.51	0	0	-120	-35	6.1	4.24	3.11	2.07	1.14	0.53	0.22
D	6	1178.6	-31.75	134.75	476985.97	6486711.1	264.34	210.73	114.16	120	150.18	54465.58	0.01	2.01	-0.24	-121.91	-31.88	0	0	-120	-35	6.09	4.21	3.08	2.06	1.15	0.55	0.24
D	6	1178.8	-31.75	134.75	476986.08	6486697.07	264.32	210.74	114.72	120	149.6	54466.08	0.01	2.07	0.11	-121.81	-32.25	0	0	-120	-35	6.04	4.13	3.01	2.02	1.14	0.56	0.25
D	6	1179	-31.75	134.75	476986.19	6486683.05	264.32	210.76	115.19	120	149.13	54466.52	0.02	2.1	0.36	-121.66	-32.61	0	0	-120	-35	5.95	4.02	2.91	1.96	1.13	0.57	0.26
D	6	1179.2	-31.75	134.75	476986.3	6486669.03	264.35	210.79	115.56	120	148.78	54466.86	0.03	2.09	0.57	-121.5	-32.97	0	0	-120	-35	5.84	3.88	2.8	1.89	1.1	0.57	0.27
D	6	1179.4	-31.75	134.75	476986.41	6486655.02	264.39	210.83	115.78	120	148.61	54467.03	0.04	2.04	0.7	-121.32	-33.29	0	0	-120	-35	5.71	3.73	2.68	1.8	1.07	0.57	0.28
D	6	1179.6	-31.75	134.75	476986.51	6486641.01	264.43	210.88	115.77	120	148.66	54466.97	0.04	1.97	0.75	-121.16	-33.58	0	0	-120	-35	5.58	3.56	2.55	1.72	1.03	0.56	0.28
D	6	1179.8	-31.75	134.75	476986.61	6486627	264.48	210.96	115.44	120	149.04	54466.67	0.04	1.9	0.76	-121	-33.81	0	0	-120	-35	5.43	3.4	2.42	1.62	0.98	0.54	0.27
D	6	1180	-31.75	134.75	476986.71	6486613	264.52	211.07	114.75	120	149.77	54466.09	0.04	1.83	0.73	-120.82	-34	0	0	-120	-35	5.27	3.23	2.28	1.53	0.93	0.52	0.26
D	6	1180.2	-31.75	134.75	476986.81	6486599.01	264.55	211.18	113.73	120	150.81	54465.25	0.03	1.77	0.66	-120.71	-34.12	0	0	-120	-35	5.1	3.06	2.15	1.44	0.88	0.49	0.25
D	6	1180.4	-31.75	134.75	476986.91	6486585.02	264.56	211.27	112.57	120	151.99	54464.14	0.02	1.74	0.58	-120.6	-34.23	0	0	-120	-35	4.92	2.89	2.01	1.34	0.82	0.46	0.23
D	6	1180.6	-31.75	134.75	476987	6486571.04	264.57	211.32	111.57	120	153.01	54462.8	0.01	1.76	0.5	-120.51	-34.28	0	0	-120	-35	4.73	2.72	1.88	1.24	0.75		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1188.4	-31.76	134.75	476989.06	6486026.6	261.73	208.26	120.14	120	141.59	54474.15	-0.07	0.36	-1.12	-121.86	-31.25	0	0	-120	-35	5.3	4.11	3.32	2.56	1.76	1.07	0.55
D	6	1188.6	-31.76	134.75	476989.31	6486012.6	261.45	208.06	119.48	120	141.97	54475.78	-0.07	0.31	-1.05	-121.85	-31.25	0	0	-120	-35	5.34	4.18	3.4	2.64	1.84	1.13	0.59
D	6	1188.8	-31.76	134.75	476989.58	6485998.6	261.17	207.84	118.62	120	142.55	54477.38	-0.07	0.28	-0.92	-121.88	-31.25	0	0	-120	-35	5.39	4.26	3.5	2.74	1.92	1.2	0.63
D	6	1189	-31.76	134.75	476989.86	6485984.6	260.88	207.62	117.62	120	143.27	54478.95	-0.06	0.26	-0.75	-121.87	-31.26	0	0	-120	-35	5.44	4.35	3.6	2.85	2.02	1.27	0.68
D	6	1189.2	-31.76	134.75	476990.16	6485970.59	260.59	207.39	116.63	120	143.97	54480.54	-0.06	0.26	-0.66	-121.87	-31.25	0	0	-120	-35	5.48	4.44	3.7	2.97	2.13	1.35	0.73
D	6	1189.4	-31.76	134.75	476990.47	6485956.57	260.3	207.13	115.94	120	144.36	54482.17	-0.06	0.27	-0.67	-121.86	-31.26	0	0	-120	-35	5.53	4.52	3.81	3.08	2.23	1.43	0.78
D	6	1189.6	-31.76	134.75	476990.8	6485942.55	259.99	206.84	115.76	120	144.23	54483.85	-0.06	0.26	-0.68	-121.84	-31.23	0	0	-120	-35	5.57	4.61	3.91	3.19	2.33	1.51	0.83
D	6	1189.8	-31.76	134.75	476991.14	6485928.53	259.68	206.53	116.22	120	143.46	54485.56	-0.05	0.24	-0.61	-121.85	-31.22	0	0	-120	-35	5.61	4.68	4	3.29	2.42	1.58	0.88
D	6	1190	-31.76	134.75	476991.49	6485914.49	259.36	206.21	117.22	120	142.14	54487.27	-0.05	0.19	-0.47	-121.83	-31.2	0	0	-120	-35	5.65	4.75	4.08	3.37	2.5	1.64	0.92
D	6	1190.2	-31.76	134.75	476991.85	6485900.45	259.02	205.88	118.47	120	140.55	54488.94	-0.05	0.12	-0.34	-121.86	-31.18	0	0	-120	-35	5.69	4.8	4.15	3.44	2.56	1.7	0.96
D	6	1190.4	-31.76	134.75	476992.21	6485886.41	258.68	205.53	119.74	120	138.94	54490.57	-0.05	0.07	-0.26	-121.87	-31.14	0	0	-120	-35	5.73	4.85	4.2	3.49	2.61	1.74	1
D	6	1190.6	-31.76	134.75	476992.59	6485872.36	258.33	205.14	120.82	120	137.51	54492.2	-0.04	0.07	-0.23	-121.9	-31.08	0	0	-120	-35	5.76	4.88	4.24	3.53	2.65	1.78	1.02
D	6	1190.8	-31.76	134.75	476992.97	6485858.3	257.97	204.74	121.64	120	136.33	54493.88	-0.04	0.17	-0.19	-121.89	-31	0	0	-120	-35	5.79	4.91	4.28	3.56	2.68	1.8	1.05
D	6	1191	-31.76	134.75	476993.36	6485844.23	257.62	204.36	122.25	120	135.37	54495.63	-0.04	0.29	-0.12	-121.93	-30.94	0	0	-120	-35	5.82	4.94	4.3	3.58	2.7	1.83	1.07
D	6	1191.2	-31.76	134.75	476993.75	6485830.16	257.27	204.03	122.68	120	134.6	54497.44	-0.04	0.41	-0.01	-121.97	-30.88	0	0	-120	-35	5.85	4.96	4.33	3.6	2.73	1.85	1.09
D	6	1191.4	-31.76	134.75	476994.15	6485816.09	256.93	203.74	122.98	120	133.95	54499.29	-0.03	0.5	0.06	-122	-30.83	0	0	-120	-35	5.88	4.99	4.35	3.63	2.75	1.87	1.1
D	6	1191.6	-31.76	134.75	476994.54	6485802	256.59	203.45	123.16	120	133.43	54501.15	-0.03	0.59	0.21	-122.01	-30.8	0	0	-120	-35	5.9	5.02	4.38	3.66	2.78	1.89	1.12
D	6	1191.8	-31.76	134.75	476994.94	6485787.92	256.29	203.12	123.23	120	133.05	54503.01	-0.02	0.71	0.45	-122.02	-30.77	0	0	-120	-35	5.93	5.05	4.41	3.69	2.81	1.92	1.14
D	6	1192	-31.76	134.75	476995.33	6485773.83	256.01	202.78	123.19	120	132.82	54504.91	-0.02	0.84	0.69	-122	-30.77	0	0	-120	-35	5.96	5.08	4.45	3.73	2.85	1.95	1.16
D	6	1192.2	-31.76	134.75	476995.72	6485759.73	255.76	202.45	123.03	120	132.73	54506.84	-0.01	0.97	0.91	-121.99	-30.82	0	0	-120	-35	5.98	5.12	4.49	3.77	2.89	1.98	1.18
D	6	1192.4	-31.76	134.75	476996.1	6485745.63	255.55	202.17	122.75	120	132.79	54508.78	-0.01	1.08	1.07	-121.96	-30.88	0	0	-120	-35	6.01	5.15	4.53	3.81	2.93	2.01	1.2
D	6	1192.6	-31.76	134.75	476996.47	6485731.53	255.36	201.97	122.4	120	132.96	54510.69	-0.01	1.18	1.09	-121.96	-30.98	0	0	-120	-35	6.04	5.18	4.56	3.85	2.97	2.05	1.22
D	6	1192.8	-31.76	134.75	476996.84	6485717.42	255.19	201.86	121.95	120	133.24	54512.62	0	1.27	1.06	-121.91	-31.11	0	0	-120	-35	6.06	5.21	4.6	3.89	3.01	2.08	1.25
D	6	1193	-31.76	134.75	476997.2	6485703.31	255.04	201.82	121.43	120	133.61	54514.6	0.01	1.35	0.97	-121.87	-31.24	0	0	-120	-35	6.09	5.23	4.63	3.92	3.05	2.12	1.27
D	6	1193.2	-31.76	134.75	476997.55	6485689.2	254.9	201.81	120.85	120	134.06	54516.64	0.01	1.37	0.98	-121.81	-31.39	0	0	-120	-35	6.11	5.26	4.66	3.96	3.08	2.15	1.29
D	6	1193.4	-31.76	134.75	476997.88	6485675.08	254.78	201.82	120.2	120	134.58	54518.73	0.02	1.36	1.16	-121.73	-31.56	0	0	-120	-35	6.12	5.28	4.68	3.98	3.11	2.17	1.31
D	6	1193.6	-31.76	134.75	476998.21	6485660.97	254.67	201.81	119.56	120	135.11	54520.83	0.03	1.37	1.47	-121.65	-31.72	0	0	-120	-35	6.14	5.29	4.7	4.01	3.14	2.2	1.32
D	6	1193.8	-31.76	134.75	476998.51	6485646.85	254.57	201.76	119	120	135.57	54522.89	0.04	1.38	1.85	-121.55	-31.89	0	0	-120	-35	6.15	5.3	4.72	4.03	3.16	2.21	1.32
D	6	1194	-31.76	134.75	476998.8	6485632.72	254.48	201.7	118.58	120	135.9	54524.86	0.06	1.37	2.18	-121.46	-32.06	0	0	-120	-35	6.16	5.31	4.73	4.04	3.17	2.21	1.32
D	6	1194.2	-31.76	134.75	476999.06	6485618.6	254.4	201.63	118.36	120	136.04	54526.74	0.07	1.36	2.38	-121.37	-32.23	0	0	-120	-35	6.17	5.31	4.73	4.04	3.17	2.21	1.32
D	6	1194.4	-31.76	134.75	476999.3	6485604.47	254.32	201.56	118.32	120	136.01	54528.48	0.08	1.33	2.52	-121.3	-32.37	0	0	-120	-35	6.18	5.31	4.73	4.03	3.16	2.2	1.31
D	6	1194.6	-31.76	134.75	476999.51	6485590.35	254.25	201.52	118.42	120	135.83	54530.01	0.09	1.28	2.61	-121.21	-32.48	0	0	-120	-35	6.19	5.31	4.72	4.02	3.14	2.18	1.29
D	6	1194.8	-31.76	134.75	476999.69	6485576.22	254.18	201.49	118.63	120	135.56	54531.26	0.1	1.28	2.65	-121.14	-32.62	0	0	-120	-35	6.2	5.3	4.71	3.99	3.1	2.15	1.27
D	6	1195	-31.76	134.75	476999.83	6485562.08	254.12	201.46	118.87	120	135.25	54532.23	0.1	1.31	2.56	-121.09	-32.69	0	0	-120	-35	6.22	5.29	4.68	3.96	3.07	2.11	1.24
D	6	1195.2	-31.76	134.75	476999.95	6485547.95	254.05	201.41	119.1	120	134.95	54532.92	0.11	1.37	2.36	-121.03	-32.76	0	0	-120	-35	6.23	5.27	4.66	3.92	3.02	2.07	1.21
D	6	1195.4	-31.76	134.75	477000.03	6485533.81	253.98	201.36	119.29	120	134.7	54533.26	0.1	1.42	2.18	-120.98	-32.83	0	0	-120	-35	6.24	5.25	4.63	3.88	2.97	2.02	1.18
D	6	1195.6	-31.76	134.75	477000.07	6485519.67	253.92	201.29	119.41	120	134.51	54533.18	0.09	1.47	1.99	-120.97	-32.91	0	0	-120	-35	6.24	5.23	4.59	3.83	2.91	1.97	1.15
D	6	1195.8	-31.76	134.75	477000.1	6485505.53	253.86	201.2	119.45	120	134.41	54532.66	0.08	1.52	1.74	-120.96	-32.95	0	0	-120	-35	6.24	5.19	4.54	3.77	2.85	1.92	1.12
D	6	1196	-31.76	134.75	477000.1	6485491.39	253.81	201.09	119.4	120	134.41	54531.79	0.06	1.56	1.45	-120.97	-32.96	0	0	-120	-35	6.22	5.15	4.48	3.7	2.78	1.86	1.08
D	6	1196.2	-31.76	134.75	477000.07	6485477.25	253.76	200.95	119.26	120	134.51	54530.66	0.04	1.63	1.18	-120.96	-33	0	0	-120	-35	6.19	5.09	4.41	3.63	2.71	1.81	1.05
D	6	1196.4	-31.76	134.75	477000.03	6485463.1	253.72	200.8	119.03	120	134.69	54529.34	0.01	1.68	1	-120.96	-32.96	0	0	-120	-35	6.15	5.02	4.33	3.54	2.63	1.75	1.01
D	6	1196.6	-31.76	134.75	476999.96	6485448.96	253.7	200.67	118.75	120	134.94	54527.94	-0.01	1.71	0.9	-120.97	-32.97	0	0	-120	-35	6.1	4.95	4.24	3.46	2.56	1.69	0.98
D	6	1196.8	-31.76	134.75	476999.88	6485434.81	253.67	200.55	118.42	120	135.25	54526.55	-0.04	1.74	0.85	-121	-32.97	0	0	-120	-35	6.04	4.87	4.15	3.37	2.49	1.64	0.96
D	6	1197	-31.76	134.75	476999.79	6485420.67	253.66	200.48	118.04	120	135.62	54525.26	-0.06	1.76	0.8	-121.05	-32.94	0	0	-120	-35	5.98	4.79	4.07	3.28	2.42		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txra1t_raw	Txra1t_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1204.8	-31.77	134.75	476989.64	6484873.46	252.07	197.48	117.82	120	134.25	54579.76	0.13	1.67	-3.37	-121.12	-32.23	0	0	-120	-35	5.97	5	4.41	3.8	3.09	2.34	1.6
D	6	1205	-31.77	134.75	476989.65	6484859.54	252.01	197.45	118.41	120	133.6	54579.05	0.11	1.73	-3.17	-121.15	-32.23	0	0	-120	-35	5.99	5.03	4.46	3.87	3.17	2.43	1.67
D	6	1205.2	-31.77	134.75	476989.69	6484845.64	251.97	197.45	119.02	120	132.95	54578.03	0.1	1.79	-2.89	-121.16	-32.29	0	0	-120	-35	6	5.06	4.5	3.93	3.25	2.51	1.75
D	6	1205.4	-31.77	134.75	476989.77	6484831.75	251.94	197.46	119.58	120	132.36	54576.79	0.08	1.85	-2.6	-121.2	-32.34	0	0	-120	-35	6	5.08	4.53	3.98	3.32	2.59	1.83
D	6	1205.6	-31.77	134.75	476989.87	6484817.86	251.93	197.5	120.01	120	131.92	54575.4	0.06	1.89	-2.3	-121.22	-32.45	0	0	-120	-35	6	5.1	4.56	4.03	3.38	2.67	1.9
D	6	1205.8	-31.77	134.75	476989.99	6484803.98	251.93	197.56	120.26	120	131.67	54573.91	0.03	1.92	-1.97	-121.24	-32.57	0	0	-120	-35	6.01	5.12	4.59	4.07	3.44	2.74	1.97
D	6	1206	-31.77	134.75	476990.13	6484790.12	251.93	197.64	120.3	120	131.63	54572.35	0.01	1.92	-1.67	-121.26	-32.68	0	0	-120	-35	6.01	5.13	4.61	4.1	3.48	2.79	2.04
D	6	1206.2	-31.77	134.75	476990.29	6484776.26	251.95	197.75	120.18	120	131.77	54570.76	-0.01	1.91	-1.45	-121.26	-32.76	0	0	-120	-35	6	5.14	4.63	4.12	3.52	2.84	2.09
D	6	1206.4	-31.77	134.75	476990.46	6484762.4	251.97	197.86	120	120	131.97	54569.23	-0.02	1.9	-1.29	-121.27	-32.9	0	0	-120	-35	5.99	5.14	4.63	4.13	3.54	2.88	2.14
D	6	1206.6	-31.77	134.75	476990.65	6484748.56	252.01	197.95	119.87	120	132.14	54567.82	-0.04	1.89	-1.1	-121.27	-33.02	0	0	-120	-35	5.96	5.13	4.62	4.13	3.55	2.9	2.17
D	6	1206.8	-31.77	134.75	476990.85	6484734.73	252.04	198.03	119.84	120	132.2	54566.58	-0.06	1.9	-0.91	-121.27	-33.1	0	0	-120	-35	5.92	5.11	4.61	4.12	3.55	2.91	2.2
D	6	1207	-31.77	134.75	476991.06	6484720.9	252.07	198.09	119.89	120	132.18	54565.53	-0.07	1.89	-0.76	-121.26	-33.19	0	0	-120	-35	5.88	5.08	4.58	4.1	3.54	2.91	2.21
D	6	1207.2	-31.77	134.75	476991.27	6484707.08	252.1	198.15	119.93	120	132.17	54564.69	-0.08	1.88	-0.64	-121.24	-33.23	0	0	-120	-35	5.84	5.06	4.56	4.09	3.53	2.91	2.22
D	6	1207.4	-31.77	134.75	476991.5	6484693.27	252.12	198.22	119.85	120	132.26	54564.1	-0.09	1.91	-0.53	-121.22	-33.32	0	0	-120	-35	5.82	5.04	4.55	4.08	3.53	2.92	2.23
D	6	1207.6	-31.77	134.75	476991.72	6484679.47	252.14	198.28	119.64	120	132.51	54563.77	-0.09	1.95	-0.4	-121.21	-33.4	0	0	-120	-35	5.8	5.03	4.54	4.08	3.53	2.92	2.25
D	6	1207.8	-31.77	134.75	476991.95	6484665.67	252.17	198.31	119.31	120	132.86	54563.66	-0.09	1.98	-0.31	-121.17	-33.5	0	0	-120	-35	5.8	5.03	4.54	4.08	3.54	2.94	2.27
D	6	1208	-31.77	134.75	476992.18	6484651.89	252.2	198.32	119.03	120	133.17	54563.74	-0.09	2	-0.23	-121.11	-33.56	0	0	-120	-35	5.8	5.04	4.56	4.09	3.56	2.95	2.29
D	6	1208.2	-31.77	134.75	476992.42	6484638.1	252.24	198.34	118.91	120	133.33	54563.99	-0.09	2	-0.12	-121.06	-33.68	0	0	-120	-35	5.81	5.04	4.57	4.11	3.57	2.97	2.31
D	6	1208.4	-31.77	134.75	476992.65	6484624.33	252.29	198.38	119.01	120	133.29	54564.43	-0.09	1.99	0.03	-121	-33.74	0	0	-120	-35	5.81	5.05	4.58	4.12	3.59	2.99	2.33
D	6	1208.6	-31.77	134.75	476992.89	6484610.56	252.34	198.47	119.29	120	133.06	54565.01	-0.08	1.95	0.25	-120.94	-33.8	0	0	-120	-35	5.8	5.04	4.58	4.12	3.6	3	2.35
D	6	1208.8	-31.77	134.75	476993.13	6484596.8	252.4	198.6	119.59	120	132.8	54565.7	-0.07	1.9	0.37	-120.89	-33.84	0	0	-120	-35	5.78	5.03	4.58	4.12	3.6	3.01	2.36
D	6	1209	-31.77	134.75	476993.36	6484583.04	252.45	198.73	119.77	120	132.68	54566.5	-0.06	1.85	0.39	-120.87	-33.86	0	0	-120	-35	5.75	5.01	4.57	4.12	3.6	3.02	2.37
D	6	1209.2	-31.77	134.75	476993.59	6484569.29	252.51	198.84	119.73	120	132.78	54567.38	-0.06	1.81	0.43	-120.83	-33.85	0	0	-120	-35	5.72	4.99	4.55	4.11	3.6	3.02	2.38
D	6	1209.4	-31.77	134.75	476993.82	6484555.54	252.56	198.93	119.49	120	133.08	54568.27	-0.05	1.79	0.52	-120.79	-33.84	0	0	-120	-35	5.68	4.97	4.54	4.1	3.59	3.02	2.39
D	6	1209.6	-31.77	134.75	476994.04	6484541.81	252.62	199.01	119.14	120	133.48	54569.12	-0.04	1.8	0.6	-120.77	-33.82	0	0	-120	-35	5.65	4.95	4.53	4.1	3.59	3.03	2.4
D	6	1209.8	-31.77	134.75	476994.26	6484528.07	252.66	199.11	118.84	120	133.83	54569.91	-0.04	1.81	0.53	-120.74	-33.79	0	0	-120	-35	5.62	4.94	4.52	4.1	3.6	3.04	2.42
D	6	1210	-31.77	134.75	476994.47	6484514.34	252.7	199.18	118.66	120	134.05	54570.68	-0.03	1.82	0.38	-120.74	-33.74	0	0	-120	-35	5.61	4.93	4.52	4.1	3.61	3.06	2.44
D	6	1210.2	-31.77	134.75	476994.67	6484500.62	252.73	199.24	118.59	120	134.13	54571.47	-0.03	1.86	0.34	-120.74	-33.68	0	0	-120	-35	5.6	4.93	4.53	4.11	3.62	3.07	2.46
D	6	1210.4	-31.77	134.75	476994.87	6484486.9	252.75	199.25	118.59	120	134.16	54572.28	-0.02	1.9	0.36	-120.74	-33.63	0	0	-120	-35	5.59	4.93	4.53	4.12	3.63	3.09	2.48
D	6	1210.6	-31.77	134.75	476995.06	6484473.19	252.76	199.19	118.53	120	134.23	54573.08	-0.02	1.95	0.41	-120.74	-33.58	0	0	-120	-35	5.58	4.93	4.53	4.13	3.64	3.1	2.5
D	6	1210.8	-31.77	134.75	476995.24	6484459.49	252.77	199.15	118.36	120	134.41	54573.84	-0.02	1.99	0.53	-120.76	-33.5	0	0	-120	-35	5.56	4.91	4.53	4.13	3.65	3.11	2.51
D	6	1211	-31.77	134.75	476995.42	6484445.79	252.79	199.13	118.12	120	134.67	54574.53	-0.01	2.05	0.76	-120.78	-33.43	0	0	-120	-35	5.54	4.9	4.52	4.12	3.65	3.12	2.53
D	6	1211.2	-31.77	134.75	476995.59	6484432.1	252.81	199.15	117.84	120	134.98	54575.17	-0.01	2.12	1.02	-120.78	-33.37	0	0	-120	-35	5.5	4.88	4.5	4.11	3.64	3.12	2.54
D	6	1211.4	-31.77	134.75	476995.76	6484418.41	252.84	199.21	117.58	120	135.26	54575.79	-0.01	2.18	1.18	-120.8	-33.3	0	0	-120	-35	5.47	4.86	4.49	4.1	3.64	3.12	2.54
D	6	1211.6	-31.77	134.75	476995.92	6484404.73	252.87	199.28	117.34	120	135.53	54576.36	-0.01	2.23	1.2	-120.81	-33.29	0	0	-120	-35	5.45	4.84	4.48	4.09	3.64	3.12	2.56
D	6	1211.8	-31.77	134.75	476996.08	6484391.05	252.91	199.32	117.1	120	135.81	54576.83	-0.01	2.23	1.14	-120.83	-33.3	0	0	-120	-35	5.44	4.83	4.47	4.09	3.64	3.13	2.57
D	6	1212	-31.77	134.75	476996.22	6484377.39	252.96	199.36	116.85	120	136.11	54577.18	-0.01	2.2	1.06	-120.84	-33.34	0	0	-120	-35	5.44	4.83	4.47	4.1	3.65	3.14	2.59
D	6	1212.2	-31.77	134.75	476996.37	6484363.73	253.03	199.38	116.64	120	136.39	54577.48	-0.01	2.17	0.98	-120.83	-33.39	0	0	-120	-35	5.45	4.84	4.48	4.11	3.66	3.16	2.61
D	6	1212.4	-31.77	134.75	476996.5	6484350.08	253.1	199.43	116.53	120	136.56	54577.77	-0.01	2.12	0.94	-120.81	-33.5	0	0	-120	-35	5.47	4.84	4.49	4.12	3.67	3.18	2.63
D	6	1212.6	-31.77	134.75	476996.63	6484336.43	253.17	199.52	116.56	120	136.61	54578.04	-0.02	2.02	0.88	-120.78	-33.62	0	0	-120	-35	5.49	4.85	4.51	4.13	3.69	3.19	2.65
D	6	1212.8	-31.77	134.75	476996.75	6484322.79	253.25	199.64	116.66	120	136.59	54578.28	-0.02	1.92	0.87	-120.75	-33.69	0	0	-120	-35	5.51	4.85	4.52	4.14	3.7	3.2	2.67
D	6	1213	-31.77	134.75	476996.87	6484309.15	253.31	199.78	116.75	120	136.56	54578.51	-0.02	1.85	0.87	-120.72	-33.81	0	0	-120	-35	5.51	4.85	4.52	4.14	3.7	3.21	2.68
D	6	1213.2	-31.77	134.75	476996.97	6484295.52	253.37	199.93	116.83	120	136.54	54578.69	-0.02	1.79	0.86	-120.69	-33.88	0	0	-120	-35	5.51	4.84	4.51	4.13	3.7	3.21	2.68
D	6	1213.4	-31.77	134.75	476997.06	6484281.9	253.43	200.06	116.91	120	136.51	54578.79	-0.03	1.74	0.86	-120.63	-33.93	0	0	-120	-35	5.49	4.82	4.49	4.12	3.69	3.21	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1221.2	-31.78	134.75	476996.28	6483752.33	250.82	196.9	113.32	120	137.5	54603.86	-0.08	1.59	-1.52	-121.06	-33.22	0	0	-120	-35	5.48	4.87	4.53	4.21	3.81	3.35	2.84
D	6	1221.4	-31.78	134.75	476996.36	6483738.79	250.77	196.76	112.31	120	138.45	54605.44	-0.07	1.59	-1.19	-121.03	-33.22	0	0	-120	-35	5.46	4.85	4.52	4.2	3.8	3.35	2.84
D	6	1221.6	-31.78	134.75	476996.46	6483725.25	250.73	196.64	111.51	120	139.22	54606.99	-0.07	1.58	-0.85	-121.01	-33.25	0	0	-120	-35	5.45	4.84	4.51	4.19	3.79	3.34	2.84
D	6	1221.8	-31.78	134.75	476996.56	6483711.72	250.7	196.56	110.98	120	139.71	54608.5	-0.07	1.56	-0.63	-120.98	-33.31	0	0	-120	-35	5.44	4.84	4.51	4.18	3.79	3.34	2.84
D	6	1222	-31.78	134.75	476996.69	6483698.19	250.68	196.58	110.67	120	140.01	54610	-0.07	1.57	-0.57	-120.94	-33.38	0	0	-120	-35	5.45	4.84	4.51	4.18	3.79	3.34	2.85
D	6	1222.2	-31.78	134.75	476996.82	6483684.66	250.67	196.7	110.53	120	140.15	54611.55	-0.06	1.57	-0.7	-120.9	-33.45	0	0	-120	-35	5.47	4.85	4.52	4.19	3.79	3.35	2.86
D	6	1222.4	-31.78	134.75	476996.96	6483671.14	250.68	196.82	110.52	120	140.16	54613.19	-0.06	1.59	-0.84	-120.86	-33.52	0	0	-120	-35	5.49	4.86	4.54	4.2	3.8	3.36	2.87
D	6	1222.6	-31.78	134.75	476997.11	6483657.61	250.69	196.93	110.7	120	139.99	54614.89	-0.06	1.65	-0.79	-120.82	-33.6	0	0	-120	-35	5.51	4.87	4.55	4.21	3.81	3.37	2.88
D	6	1222.8	-31.78	134.75	476997.26	6483644.1	250.71	197.01	111.13	120	139.58	54616.58	-0.06	1.75	-0.65	-120.78	-33.73	0	0	-120	-35	5.53	4.88	4.56	4.22	3.82	3.37	2.88
D	6	1223	-31.78	134.75	476997.41	6483630.58	250.73	197.06	111.79	120	138.94	54618.22	-0.06	1.89	-0.46	-120.73	-33.82	0	0	-120	-35	5.55	4.89	4.56	4.22	3.82	3.38	2.89
D	6	1223.2	-31.78	134.75	476997.56	6483617.08	250.75	197.12	112.59	120	138.16	54619.87	-0.05	2.06	-0.26	-120.71	-33.93	0	0	-120	-35	5.55	4.89	4.57	4.23	3.83	3.38	2.89
D	6	1223.4	-31.78	134.75	476997.69	6483603.57	250.78	197.21	113.39	120	137.39	54621.53	-0.05	2.2	-0.01	-120.68	-34.04	0	0	-120	-35	5.55	4.89	4.57	4.23	3.83	3.39	2.9
D	6	1223.6	-31.78	134.75	476997.83	6483590.08	250.81	197.29	114.11	120	136.71	54623.18	-0.05	2.31	0.25	-120.66	-34.16	0	0	-120	-35	5.55	4.89	4.56	4.23	3.83	3.39	2.91
D	6	1223.8	-31.78	134.75	476997.95	6483576.59	250.86	197.39	114.73	120	136.14	54624.8	-0.05	2.39	0.46	-120.63	-34.27	0	0	-120	-35	5.53	4.88	4.55	4.22	3.83	3.39	2.91
D	6	1224	-31.78	134.75	476998.07	6483563.1	250.94	197.51	115.27	120	135.67	54626.44	-0.05	2.44	0.6	-120.61	-34.37	0	0	-120	-35	5.51	4.87	4.54	4.22	3.83	3.39	2.91
D	6	1224.2	-31.78	134.75	476998.17	6483549.62	251.04	197.63	115.73	120	135.31	54628.13	-0.05	2.47	0.73	-120.55	-34.46	0	0	-120	-35	5.5	4.87	4.54	4.22	3.83	3.39	2.91
D	6	1224.4	-31.78	134.75	476998.27	6483536.15	251.16	197.77	116.05	120	135.11	54629.88	-0.05	2.47	0.77	-120.53	-34.56	0	0	-120	-35	5.49	4.87	4.54	4.22	3.83	3.4	2.91
D	6	1224.6	-31.78	134.75	476998.35	6483522.69	251.3	197.92	116.13	120	135.17	54631.65	-0.04	2.45	0.67	-120.49	-34.67	0	0	-120	-35	5.48	4.88	4.54	4.23	3.84	3.41	2.92
D	6	1224.8	-31.78	134.75	476998.42	6483509.23	251.46	198.08	115.87	120	135.59	54633.39	-0.04	2.42	0.49	-120.44	-34.79	0	0	-120	-35	5.47	4.88	4.55	4.24	3.85	3.42	2.93
D	6	1225	-31.78	134.75	476998.49	6483495.77	251.62	198.26	115.29	120	136.33	54635.14	-0.04	2.39	0.29	-120.39	-34.91	0	0	-120	-35	5.46	4.88	4.56	4.25	3.86	3.43	2.93
D	6	1225.2	-31.78	134.75	476998.54	6483482.33	251.78	198.45	114.48	120	137.3	54636.9	-0.04	2.38	0.1	-120.34	-35.02	0	0	-120	-35	5.45	4.87	4.56	4.25	3.87	3.43	2.93
D	6	1225.4	-31.78	134.75	476998.59	6483468.89	251.95	198.65	113.69	120	138.26	54638.68	-0.04	2.39	-0.07	-120.27	-35.09	0	0	-120	-35	5.42	4.86	4.55	4.24	3.86	3.42	2.93
D	6	1225.6	-31.78	134.75	476998.63	6483455.45	252.12	198.85	113.14	120	138.98	54640.46	-0.03	2.4	-0.25	-120.25	-35.16	0	0	-120	-35	5.39	4.84	4.54	4.23	3.85	3.41	2.92
D	6	1225.8	-31.78	134.75	476998.65	6483442.03	252.3	199.03	113.01	120	139.28	54642.23	-0.03	2.4	-0.38	-120.19	-35.21	0	0	-120	-35	5.35	4.81	4.52	4.21	3.84	3.4	2.9
D	6	1226	-31.78	134.75	476998.67	6483428.6	252.48	199.19	113.39	120	139.09	54644.02	-0.03	2.43	-0.4	-120.15	-35.24	0	0	-120	-35	5.31	4.79	4.49	4.19	3.82	3.39	2.89
D	6	1226.2	-31.78	134.75	476998.67	6483415.18	252.65	199.32	114.18	120	138.47	54645.8	-0.03	2.43	-0.39	-120.13	-35.25	0	0	-120	-35	5.27	4.76	4.47	4.17	3.8	3.37	2.88
D	6	1226.4	-31.78	134.75	476998.66	6483401.76	252.83	199.42	115.28	120	137.55	54647.56	-0.03	2.42	-0.35	-120.1	-35.27	0	0	-120	-35	5.23	4.74	4.44	4.15	3.78	3.36	2.87
D	6	1226.6	-31.78	134.75	476998.65	6483388.35	253	199.54	116.51	120	136.49	54649.31	-0.02	2.42	-0.36	-120.09	-35.26	0	0	-120	-35	5.21	4.71	4.42	4.13	3.77	3.35	2.86
D	6	1226.8	-31.78	134.75	476998.63	6483374.94	253.18	199.71	117.7	120	135.47	54651.06	-0.02	2.41	-0.5	-120.04	-35.29	0	0	-120	-35	5.18	4.69	4.41	4.12	3.76	3.34	2.85
D	6	1227	-31.78	134.75	476998.62	6483361.54	253.36	199.93	118.69	120	134.66	54652.81	-0.02	2.38	-0.78	-120	-35.31	0	0	-120	-35	5.16	4.67	4.39	4.11	3.75	3.33	2.84
D	6	1227.2	-31.78	134.75	476998.61	6483348.14	253.54	200.23	119.32	120	134.21	54654.59	-0.02	2.31	-1.03	-119.95	-35.32	0	0	-120	-35	5.14	4.65	4.38	4.09	3.74	3.32	2.84
D	6	1227.4	-31.78	134.75	476998.6	6483334.75	253.71	200.53	119.52	120	134.2	54656.37	-0.02	2.21	-1	-119.91	-35.34	0	0	-120	-35	5.12	4.63	4.36	4.08	3.73	3.31	2.83
D	6	1227.6	-31.78	134.75	476998.59	6483321.36	253.89	200.78	119.37	120	134.51	54658.16	-0.02	2.14	-0.81	-119.87	-35.35	0	0	-120	-35	5.09	4.61	4.35	4.06	3.72	3.3	2.82
D	6	1227.8	-31.78	134.75	476998.58	6483307.97	254.05	200.97	119.1	120	134.95	54659.94	-0.02	2.1	-0.58	-119.83	-35.35	0	0	-120	-35	5.07	4.58	4.34	4.05	3.71	3.3	2.82
D	6	1228	-31.78	134.75	476998.55	6483294.59	254.2	201.1	118.96	120	135.25	54661.71	-0.01	2.05	-0.36	-119.81	-35.34	0	0	-120	-35	5.05	4.57	4.32	4.04	3.69	3.29	2.81
D	6	1228.2	-31.78	134.75	476998.51	6483281.2	254.33	201.18	119.14	120	135.2	54663.44	-0.01	1.99	-0.13	-119.81	-35.31	0	0	-120	-35	5.02	4.55	4.3	4.02	3.68	3.28	2.81
D	6	1228.4	-31.78	134.75	476998.47	6483267.82	254.45	201.26	119.65	120	134.81	54665.12	-0.01	1.93	0.01	-119.83	-35.26	0	0	-120	-35	4.98	4.52	4.28	4	3.67	3.27	2.8
D	6	1228.6	-31.78	134.75	476998.41	6483254.44	254.55	201.34	120.32	120	134.23	54666.82	-0.01	1.89	0.06	-119.85	-35.17	0	0	-120	-35	4.95	4.5	4.26	3.98	3.65	3.25	2.79
D	6	1228.8	-31.78	134.75	476998.35	6483241.06	254.63	201.4	120.95	120	133.68	54668.55	-0.01	1.88	0.11	-119.89	-35.06	0	0	-120	-35	4.91	4.47	4.23	3.96	3.63	3.24	2.78
D	6	1229	-31.78	134.75	476998.29	6483227.69	254.7	201.45	121.32	120	133.37	54670.34	-0.01	1.82	0.16	-119.93	-34.95	0	0	-120	-35	4.88	4.45	4.2	3.93	3.61	3.22	2.77
D	6	1229.2	-31.78	134.75	476998.22	6483214.31	254.74	201.5	121.4	120	133.35	54672.16	-0.01	1.72	0.12	-119.98	-34.77	0	0	-120	-35	4.84	4.43	4.18	3.91	3.59	3.21	2.76
D	6	1229.4	-31.78	134.75	476998.15	6483200.93	254.77	201.54	121.29	120	133.48	54673.97	-0.01	1.65	-0.06	-120.04	-34.6	0	0	-120	-35	4.81	4.4	4.15	3.89	3.58	3.19	2.75
D	6	1229.6	-31.78	134.75	476998.07	6483187.55	254.79	201.59	121.19	120	133.6	54675.75	-0.01	1.61	-0.21	-120.14	-34.39	0	0	-120	-35	4.79	4.39	4.13	3.88	3.56	3.18	2.75
D	6	1229.8	-31.78	134.75	476997.98	6483174.18	254.78	201.61	121.26	120	133.52	54677.52	-0.01	1.61	-0.36	-120.21	-34.21	0	0	-120	-35	4.76	4.3					

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1237.6	-31.79	134.75	476997.95	6482650.97	250.35	197.63	117.48	120	132.88	54741.76	0.05	1.52	1.04	-121.24	-32.81	0	0	-120	-35	5.28	4.89	4.63	4.36	4.02	3.64	3.19
D	6	1237.8	-31.79	134.75	476997.8	6482637.47	250.23	197.48	117.86	120	132.37	54742.89	0.05	1.59	1.02	-121.21	-32.91	0	0	-120	-35	5.3	4.9	4.64	4.37	4.04	3.65	3.2
D	6	1238	-31.79	134.75	476997.63	6482623.97	250.12	197.31	118.14	120	131.98	54743.96	0.05	1.63	0.88	-121.18	-33	0	0	-120	-35	5.31	4.91	4.65	4.37	4.04	3.65	3.21
D	6	1238.2	-31.79	134.75	476997.45	6482610.46	250.02	197.14	118.24	120	131.78	54745.01	0.05	1.62	0.68	-121.15	-33.1	0	0	-120	-35	5.33	4.92	4.66	4.38	4.05	3.66	3.22
D	6	1238.4	-31.79	134.75	476997.25	6482596.95	249.93	196.94	118.07	120	131.86	54746.04	0.05	1.61	0.47	-121.08	-33.18	0	0	-120	-35	5.34	4.93	4.68	4.39	4.06	3.67	3.22
D	6	1238.6	-31.79	134.75	476997.04	6482583.43	249.85	196.74	117.62	120	132.23	54747.04	0.05	1.57	0.24	-121.02	-33.31	0	0	-120	-35	5.37	4.95	4.69	4.4	4.07	3.68	3.24
D	6	1238.8	-31.79	134.75	476996.82	6482569.92	249.77	196.55	116.97	120	132.8	54748	0.04	1.55	0	-120.95	-33.47	0	0	-120	-35	5.39	4.97	4.71	4.42	4.09	3.7	3.25
D	6	1239	-31.79	134.75	476996.59	6482556.4	249.69	196.36	116.28	120	133.41	54748.95	0.04	1.54	-0.23	-120.87	-33.61	0	0	-120	-35	5.42	4.99	4.73	4.44	4.11	3.71	3.26
D	6	1239.2	-31.79	134.75	476996.36	6482542.87	249.61	196.19	115.74	120	133.88	54749.9	0.04	1.53	-0.4	-120.76	-33.76	0	0	-120	-35	5.44	5.01	4.75	4.46	4.12	3.73	3.28
D	6	1239.4	-31.79	134.75	476996.12	6482529.35	249.54	196.04	115.48	120	134.06	54750.87	0.04	1.52	-0.6	-120.7	-33.86	0	0	-120	-35	5.46	5.03	4.77	4.47	4.13	3.74	3.29
D	6	1239.6	-31.79	134.75	476995.88	6482515.82	249.46	195.91	115.55	120	133.9	54751.87	0.04	1.51	-0.83	-120.63	-33.96	0	0	-120	-35	5.47	5.04	4.78	4.48	4.14	3.75	3.29
D	6	1239.8	-31.79	134.75	476995.64	6482502.29	249.39	195.77	115.86	120	133.53	54752.87	0.04	1.51	-1.04	-120.56	-34.01	0	0	-120	-35	5.47	5.05	4.78	4.48	4.14	3.75	3.3
D	6	1240	-31.79	134.75	476995.4	6482488.76	249.32	195.62	116.28	120	133.04	54753.82	0.04	1.51	-1.2	-120.53	-34.07	0	0	-120	-35	5.47	5.04	4.78	4.48	4.14	3.75	3.3
D	6	1240.2	-31.79	134.75	476995.17	6482475.23	249.26	195.48	116.72	120	132.54	54754.72	0.04	1.52	-1.37	-120.51	-34.08	0	0	-120	-35	5.47	5.04	4.77	4.48	4.14	3.74	3.29
D	6	1240.4	-31.79	134.75	476994.94	6482461.7	249.2	195.32	117.13	120	132.07	54755.59	0.04	1.51	-1.55	-120.5	-34.06	0	0	-120	-35	5.46	5.03	4.77	4.48	4.13	3.74	3.29
D	6	1240.6	-31.79	134.75	476994.73	6482448.16	249.15	195.16	117.56	120	131.59	54756.48	0.04	1.51	-1.78	-120.47	-34.01	0	0	-120	-35	5.46	5.03	4.76	4.47	4.13	3.74	3.29
D	6	1240.8	-31.79	134.75	476994.54	6482434.63	249.09	195.02	117.96	120	131.13	54757.37	0.04	1.51	-2.1	-120.48	-33.98	0	0	-120	-35	5.46	5.03	4.76	4.47	4.13	3.73	3.29
D	6	1241	-31.79	134.75	476994.36	6482421.1	249.04	194.87	118.33	120	130.71	54758.21	0.04	1.5	-2.5	-120.47	-33.91	0	0	-120	-35	5.46	5.03	4.75	4.47	4.13	3.73	3.29
D	6	1241.2	-31.79	134.75	476994.21	6482407.56	248.99	194.75	118.65	120	130.34	54758.97	0.04	1.49	-2.92	-120.47	-33.82	0	0	-120	-35	5.46	5.03	4.75	4.47	4.12	3.73	3.29
D	6	1241.4	-31.79	134.75	476994.08	6482394.03	248.93	194.62	118.92	120	130.01	54759.68	0.04	1.49	-3.37	-120.48	-33.74	0	0	-120	-35	5.46	5.03	4.75	4.47	4.12	3.73	3.29
D	6	1241.6	-31.79	134.75	476993.99	6482380.5	248.88	194.5	119.2	120	129.68	54760.41	0.04	1.5	-3.82	-120.47	-33.62	0	0	-120	-35	5.45	5.03	4.75	4.47	4.12	3.73	3.29
D	6	1241.8	-31.79	134.75	476993.93	6482366.98	248.82	194.36	119.53	120	129.29	54761.19	0.04	1.5	-4.2	-120.5	-33.52	0	0	-120	-35	5.44	5.03	4.75	4.47	4.13	3.73	3.29
D	6	1242	-31.79	134.75	476993.92	6482353.46	248.77	194.21	119.94	120	128.83	54762	0.04	1.49	-4.43	-120.51	-33.39	0	0	-120	-35	5.44	5.03	4.75	4.47	4.13	3.74	3.3
D	6	1242.2	-31.79	134.75	476993.94	6482339.94	248.71	194.09	120.38	120	128.33	54762.78	0.04	1.48	-4.51	-120.53	-33.3	0	0	-120	-35	5.44	5.03	4.75	4.47	4.13	3.74	3.3
D	6	1242.4	-31.79	134.75	476994.01	6482326.43	248.65	194	120.83	120	127.82	54763.49	0.04	1.48	-4.48	-120.56	-33.2	0	0	-120	-35	5.44	5.03	4.76	4.48	4.14	3.75	3.31
D	6	1242.6	-31.79	134.75	476994.12	6482312.92	248.59	193.96	121.23	120	127.36	54764.14	0.03	1.47	-4.34	-120.56	-33.14	0	0	-120	-35	5.44	5.03	4.76	4.48	4.14	3.75	3.31
D	6	1242.8	-31.79	134.75	476994.27	6482299.41	248.53	193.98	121.49	120	127.04	54764.76	0.03	1.47	-4.14	-120.58	-33.06	0	0	-120	-35	5.44	5.03	4.77	4.48	4.15	3.76	3.32
D	6	1243	-31.79	134.75	476994.46	6482285.92	248.48	194.01	121.5	120	126.98	54765.34	0.03	1.48	-3.9	-120.61	-33.03	0	0	-120	-35	5.44	5.03	4.77	4.49	4.15	3.77	3.32
D	6	1243.2	-31.79	134.75	476994.68	6482272.42	248.43	194.06	121.17	120	127.25	54765.9	0.03	1.51	-3.63	-120.64	-33.05	0	0	-120	-35	5.44	5.04	4.77	4.49	4.16	3.77	3.33
D	6	1243.4	-31.79	134.75	476994.94	6482258.93	248.38	194.11	120.53	120	127.85	54766.44	0.02	1.52	-3.36	-120.69	-33.05	0	0	-120	-35	5.44	5.04	4.78	4.5	4.16	3.78	3.34
D	6	1243.6	-31.79	134.75	476995.23	6482245.44	248.33	194.15	119.72	120	128.61	54766.98	0.02	1.5	-3.12	-120.75	-33.1	0	0	-120	-35	5.44	5.04	4.78	4.5	4.17	3.78	3.34
D	6	1243.8	-31.79	134.75	476995.54	6482231.95	248.27	194.22	118.92	120	129.35	54767.51	0.02	1.45	-2.88	-120.79	-33.17	0	0	-120	-35	5.44	5.05	4.78	4.51	4.17	3.79	3.35
D	6	1244	-31.79	134.75	476995.87	6482218.47	248.21	194.28	118.37	120	129.84	54768.04	0.01	1.39	-2.69	-120.85	-33.23	0	0	-120	-35	5.44	5.06	4.78	4.52	4.18	3.79	3.35
D	6	1244.2	-31.79	134.75	476996.23	6482204.99	248.14	194.35	118.16	120	129.98	54768.57	0.01	1.33	-2.49	-120.93	-33.31	0	0	-120	-35	5.45	5.06	4.79	4.52	4.19	3.8	3.36
D	6	1244.4	-31.79	134.75	476996.6	6482191.51	248.06	194.41	118.32	120	129.74	54769.1	0.01	1.27	-2.22	-120.99	-33.42	0	0	-120	-35	5.46	5.07	4.8	4.53	4.19	3.81	3.36
D	6	1244.6	-31.79	134.75	476996.98	6482178.03	247.97	194.45	118.77	120	129.21	54769.65	0.01	1.21	-1.91	-121.05	-33.47	0	0	-120	-35	5.47	5.08	4.8	4.54	4.2	3.81	3.37
D	6	1244.8	-31.79	134.75	476997.38	6482164.55	247.87	194.46	119.36	120	128.51	54770.27	0	1.16	-1.6	-121.09	-33.5	0	0	-120	-35	5.48	5.08	4.81	4.54	4.2	3.81	3.37
D	6	1245	-31.79	134.75	476997.77	6482151.06	247.76	194.42	119.94	120	127.82	54770.98	0	1.12	-1.28	-121.13	-33.52	0	0	-120	-35	5.49	5.08	4.81	4.54	4.2	3.81	3.37
D	6	1245.2	-31.79	134.75	476998.16	6482137.58	247.64	194.36	120.4	120	127.24	54771.77	0	1.1	-0.94	-121.17	-33.55	0	0	-120	-35	5.49	5.08	4.81	4.54	4.2	3.81	3.37
D	6	1245.4	-31.79	134.75	476998.55	6482124.09	247.51	194.25	120.7	120	126.81	54772.62	0	1.08	-0.6	-121.19	-33.55	0	0	-120	-35	5.49	5.08	4.81	4.54	4.2	3.81	3.36
D	6	1245.6	-31.79	134.75	476998.94	6482110.6	247.38	194.12	120.85	120	126.53	54773.51	0	1.07	-0.33	-121.22	-33.52	0	0	-120	-35	5.49	5.08	4.81	4.54	4.2	3.81	3.36
D	6	1245.8	-31.79	134.75	476999.32	6482097.1	247.23	193.96	120.88	120	126.36	54774.44	0	1.05	-0.15	-121.23	-33.47	0	0	-120	-35	5.49	5.09	4.82	4.54	4.2	3.81	3.36
D	6	1246	-31.79	134.75	476999.7	6482083.6	247.09	193.76	120.81	120	126.28	54775.38	0	1.04	-0.02	-121.26	-33.4	0	0	-120	-35	5.49	5.09	4.82	4.55	4.2	3.81	3.36
D	6	1246.2	-31.79	134.75	477000.06	6482070.1	246.93	193.57	120.66	120	126.27	54776.32	0.01	1.03	0.05	-121.27	-33.3	0	0	-120	-35	5.5	5.11	4.83	4.56	4.21	3.	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1254	-31.8	134.75	477005.98	6481541.82	244.13	190.79	119.59	120	124.54	54800.51	0	1.32	-0.69	-120.32	-33.49	0	0	-120	-35	6	5.57	5.27	4.95	4.57	4.13	3.64
D	6	1254.2	-31.8	134.75	477005.87	6481528.25	244.05	190.64	118.96	120	125.09	54800.95	0	1.34	-0.7	-120.33	-33.4	0	0	-120	-35	6.01	5.58	5.28	4.96	4.58	4.14	3.65
D	6	1254.4	-31.8	134.75	477005.75	6481514.68	243.97	190.49	118.42	120	125.55	54801.41	0	1.4	-0.74	-120.38	-33.32	0	0	-120	-35	6.02	5.59	5.29	4.97	4.58	4.14	3.65
D	6	1254.6	-31.8	134.75	477005.62	6481501.12	243.9	190.36	118.17	120	125.73	54801.89	0	1.46	-0.81	-120.42	-33.23	0	0	-120	-35	6.03	5.6	5.29	4.97	4.59	4.15	3.66
D	6	1254.8	-31.8	134.75	477005.49	6481487.55	243.82	190.26	118.22	120	125.61	54802.37	0	1.53	-0.93	-120.47	-33.14	0	0	-120	-35	6.04	5.6	5.29	4.97	4.59	4.15	3.66
D	6	1255	-31.8	134.75	477005.36	6481473.98	243.76	190.19	118.47	120	125.29	54802.83	0	1.59	-1.05	-120.51	-33.05	0	0	-120	-35	6.05	5.61	5.3	4.98	4.59	4.15	3.67
D	6	1255.2	-31.8	134.75	477005.22	6481460.42	243.7	190.16	118.76	120	124.95	54803.27	-0.01	1.64	-1.16	-120.58	-32.99	0	0	-120	-35	6.06	5.61	5.31	4.98	4.6	4.16	3.67
D	6	1255.4	-31.8	134.75	477005.08	6481446.85	243.66	190.14	118.92	120	124.73	54803.72	-0.01	1.69	-1.25	-120.59	-32.93	0	0	-120	-35	6.07	5.62	5.32	4.99	4.61	4.17	3.68
D	6	1255.6	-31.8	134.75	477004.94	6481433.29	243.62	190.11	118.98	120	124.64	54804.19	-0.01	1.74	-1.33	-120.64	-32.88	0	0	-120	-35	6.08	5.63	5.33	5	4.61	4.17	3.68
D	6	1255.8	-31.8	134.75	477004.8	6481419.72	243.59	190.09	119	120	124.59	54804.66	-0.01	1.79	-1.4	-120.65	-32.87	0	0	-120	-35	6.09	5.64	5.34	5.01	4.62	4.18	3.69
D	6	1256	-31.8	134.75	477004.66	6481406.16	243.57	190.07	119.03	120	124.54	54805.15	-0.01	1.82	-1.46	-120.66	-32.86	0	0	-120	-35	6.09	5.64	5.35	5.01	4.63	4.19	3.7
D	6	1256.2	-31.8	134.75	477004.51	6481392.6	243.56	190.07	119.06	120	124.49	54805.65	-0.01	1.84	-1.52	-120.67	-32.84	0	0	-120	-35	6.09	5.65	5.35	5.02	4.64	4.19	3.7
D	6	1256.4	-31.8	134.75	477004.36	6481379.04	243.55	190.09	118.99	120	124.56	54806.18	-0.01	1.85	-1.59	-120.69	-32.87	0	0	-120	-35	6.09	5.65	5.35	5.02	4.64	4.19	3.7
D	6	1256.6	-31.8	134.75	477004.22	6481365.48	243.55	190.12	118.72	120	124.84	54806.76	-0.01	1.88	-1.64	-120.68	-32.87	0	0	-120	-35	6.08	5.65	5.35	5.02	4.64	4.19	3.7
D	6	1256.8	-31.8	134.75	477004.07	6481351.92	243.56	190.14	118.32	120	125.24	54807.38	-0.01	1.89	-1.66	-120.68	-32.87	0	0	-120	-35	6.08	5.65	5.35	5.02	4.64	4.19	3.7
D	6	1257	-31.8	134.75	477003.92	6481338.36	243.57	190.15	117.95	120	125.61	54808.02	-0.01	1.9	-1.66	-120.68	-32.92	0	0	-120	-35	6.08	5.65	5.35	5.02	4.63	4.19	3.7
D	6	1257.2	-31.8	134.75	477003.77	6481324.8	243.58	190.17	117.79	120	125.79	54808.67	-0.01	1.92	-1.62	-120.66	-32.93	0	0	-120	-35	6.07	5.65	5.34	5.01	4.63	4.19	3.7
D	6	1257.4	-31.8	134.75	477003.62	6481311.25	243.59	190.19	117.88	120	125.71	54809.3	-0.01	1.94	-1.61	-120.64	-32.99	0	0	-120	-35	6.07	5.65	5.34	5.01	4.63	4.18	3.69
D	6	1257.6	-31.8	134.75	477003.47	6481297.7	243.6	190.22	118.1	120	125.5	54809.87	-0.01	1.96	-1.62	-120.62	-33.05	0	0	-120	-35	6.08	5.64	5.34	5.01	4.62	4.18	3.69
D	6	1257.8	-31.8	134.75	477003.32	6481284.14	243.61	190.27	118.3	120	125.32	54810.43	-0.01	1.98	-1.68	-120.58	-33.07	0	0	-120	-35	6.08	5.64	5.33	5	4.62	4.18	3.69
D	6	1258	-31.8	134.75	477003.17	6481270.59	243.62	190.28	118.33	120	125.29	54811.04	-0.01	1.98	-1.81	-120.55	-33.15	0	0	-120	-35	6.07	5.64	5.33	5	4.61	4.17	3.68
D	6	1258.2	-31.8	134.75	477003.01	6481257.04	243.63	190.25	118.23	120	125.4	54811.72	-0.01	1.95	-2	-120.52	-33.22	0	0	-120	-35	6.06	5.63	5.32	4.99	4.61	4.17	3.68
D	6	1258.4	-31.8	134.75	477002.86	6481243.49	243.64	190.16	118.14	120	125.5	54812.45	-0.01	1.91	-2.18	-120.47	-33.26	0	0	-120	-35	6.05	5.63	5.31	4.99	4.6	4.16	3.68
D	6	1258.6	-31.8	134.75	477002.71	6481229.94	243.64	190.05	118.19	120	125.45	54813.17	-0.01	1.85	-2.35	-120.42	-33.29	0	0	-120	-35	6.04	5.62	5.31	4.98	4.59	4.16	3.67
D	6	1258.8	-31.8	134.75	477002.57	6481216.4	243.63	189.94	118.44	120	125.2	54813.84	-0.01	1.77	-2.55	-120.39	-33.36	0	0	-120	-35	6.03	5.61	5.3	4.98	4.59	4.15	3.67
D	6	1259	-31.8	134.75	477002.44	6481202.85	243.62	189.86	118.79	120	124.83	54814.51	-0.01	1.66	-2.81	-120.34	-33.4	0	0	-120	-35	6.03	5.61	5.3	4.97	4.59	4.15	3.67
D	6	1259.2	-31.8	134.75	477002.33	6481189.31	243.6	189.82	119.08	120	124.52	54815.24	-0.01	1.55	-3.09	-120.29	-33.43	0	0	-120	-35	6.02	5.6	5.29	4.97	4.58	4.15	3.67
D	6	1259.4	-31.8	134.75	477002.24	6481175.76	243.57	189.8	119.13	120	124.44	54816.05	-0.01	1.46	-3.25	-120.26	-33.45	0	0	-120	-35	6.02	5.6	5.29	4.96	4.58	4.14	3.66
D	6	1259.6	-31.8	134.75	477002.17	6481162.22	243.53	189.79	118.88	120	124.65	54816.89	-0.01	1.4	-3.2	-120.24	-33.47	0	0	-120	-35	6.01	5.59	5.28	4.96	4.57	4.14	3.66
D	6	1259.8	-31.8	134.75	477002.11	6481148.67	243.48	189.77	118.4	120	125.08	54817.72	-0.01	1.36	-3.02	-120.23	-33.47	0	0	-120	-35	6.01	5.58	5.27	4.95	4.57	4.13	3.66
D	6	1260	-31.8	134.75	477002.06	6481135.13	243.41	189.72	117.85	120	125.56	54818.59	-0.01	1.35	-2.72	-120.22	-33.43	0	0	-120	-35	6	5.58	5.26	4.94	4.56	4.13	3.65
D	6	1260.2	-31.8	134.75	477002.03	6481121.58	243.34	189.67	117.35	120	125.99	54819.54	-0.01	1.35	-2.37	-120.21	-33.39	0	0	-120	-35	5.99	5.57	5.25	4.94	4.55	4.12	3.65
D	6	1260.4	-31.8	134.75	477002.02	6481108.04	243.24	189.62	116.92	120	126.32	54820.52	-0.01	1.35	-2	-120.21	-33.34	0	0	-120	-35	5.98	5.56	5.24	4.93	4.55	4.11	3.64
D	6	1260.6	-31.8	134.75	477002.01	6481094.49	243.14	189.54	116.54	120	126.6	54821.45	-0.01	1.35	-1.61	-120.24	-33.27	0	0	-120	-35	5.97	5.56	5.23	4.92	4.54	4.11	3.64
D	6	1260.8	-31.8	134.75	477002.01	6481080.94	243.03	189.44	116.07	120	126.97	54822.31	-0.01	1.33	-1.27	-120.24	-33.17	0	0	-120	-35	5.96	5.55	5.23	4.92	4.54	4.11	3.64
D	6	1261	-31.8	134.75	477002.01	6481067.39	242.92	189.3	115.48	120	127.44	54823.16	-0.01	1.31	-1.02	-120.26	-33.11	0	0	-120	-35	5.96	5.56	5.23	4.92	4.54	4.11	3.64
D	6	1261.2	-31.8	134.75	477002.01	6481053.83	242.81	189.16	114.86	120	127.95	54824.04	-0.01	1.29	-0.84	-120.28	-33.01	0	0	-120	-35	5.97	5.56	5.23	4.92	4.54	4.11	3.64
D	6	1261.4	-31.8	134.75	477002.02	6481040.27	242.7	189.02	114.34	120	128.36	54824.95	-0.01	1.26	-0.73	-120.33	-32.92	0	0	-120	-35	5.97	5.57	5.23	4.93	4.54	4.12	3.64
D	6	1261.6	-31.8	134.75	477002.02	6481026.71	242.6	188.89	114.1	120	128.5	54825.87	-0.01	1.26	-0.68	-120.37	-32.81	0	0	-120	-35	5.98	5.57	5.24	4.93	4.55	4.12	3.65
D	6	1261.8	-31.8	134.75	477002.02	6481013.15	242.49	188.78	114.22	120	128.27	54826.82	-0.01	1.28	-0.71	-120.44	-32.71	0	0	-120	-35	5.99	5.57	5.24	4.93	4.55	4.12	3.65
D	6	1262	-31.8	134.75	477002.02	6480999.59	242.39	188.68	114.66	120	127.72	54827.79	-0.01	1.34	-0.78	-120.48	-32.63	0	0	-120	-35	5.99	5.57	5.24	4.93	4.56	4.12	3.66
D	6	1262.2	-31.8	134.75	477002.02	6480986.02	242.28	188.6	115.26	120	127.02	54828.75	-0.01	1.41	-0.84	-120.53	-32.51	0	0	-120	-35	6	5.57	5.24	4.93	4.56	4.12	3.66
D	6	1262.4	-31.8	134.75	477002.02	6480972.46	242.18	188.55	115.82	120	126.36	54829.68	-0.01	1.51	-0.88	-120.59	-32.42	0	0	-120	-35	6.01	5.57	5.24	4.93	4.56	4.12	3.66
D	6	1262.6	-31.8	134.75	477002.02	6480958.89	242.09	188.53	116.17	120	125.92	54830.63	-0.01	1.63	-0.92	-120.63	-32.35	0	0	-120	-35	6.01	5.57	5.25	4.93	4.56	4.13	3.66
D	6	1																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1270.4	-31.81	134.75	477000.77	6480431.21	241.96	188.57	121.26	120	120.7	54866.73	0	1.54	-0.36	-120.53	-32.42	0	0	-120	-35	5.88	5.51	5.22	4.92	4.54	4.12	3.64
D	6	1270.6	-31.81	134.75	477000.73	6480417.71	241.89	188.52	121.16	120	120.72	54867.47	0	1.56	-0.31	-120.56	-32.4	0	0	-120	-35	5.89	5.52	5.23	4.93	4.56	4.13	3.65
D	6	1270.8	-31.81	134.75	477000.68	6480404.21	241.82	188.46	121.18	120	120.63	54868.2	-0.01	1.59	-0.26	-120.58	-32.38	0	0	-120	-35	5.9	5.53	5.24	4.94	4.57	4.14	3.67
D	6	1271	-31.81	134.75	477000.62	6480390.71	241.75	188.4	121.29	120	120.46	54868.92	-0.01	1.62	-0.22	-120.6	-32.37	0	0	-120	-35	5.91	5.53	5.25	4.95	4.58	4.15	3.68
D	6	1271.2	-31.81	134.75	477000.54	6480377.21	241.7	188.33	121.43	120	120.27	54869.63	-0.01	1.64	-0.18	-120.61	-32.35	0	0	-120	-35	5.92	5.54	5.26	4.95	4.58	4.16	3.68
D	6	1271.4	-31.81	134.75	477000.46	6480363.71	241.65	188.27	121.5	120	120.15	54870.35	-0.01	1.67	-0.16	-120.61	-32.35	0	0	-120	-35	5.92	5.55	5.27	4.96	4.59	4.16	3.69
D	6	1271.6	-31.81	134.75	477000.36	6480350.21	241.61	188.23	121.51	120	120.1	54871.1	-0.01	1.67	-0.15	-120.61	-32.36	0	0	-120	-35	5.93	5.55	5.28	4.97	4.6	4.17	3.7
D	6	1271.8	-31.81	134.75	477000.24	6480336.7	241.57	188.2	121.48	120	120.09	54871.9	-0.02	1.68	-0.13	-120.59	-32.39	0	0	-120	-35	5.94	5.56	5.29	4.98	4.61	4.18	3.71
D	6	1272	-31.81	134.75	477000.11	6480323.2	241.54	188.19	121.45	120	120.09	54872.79	-0.02	1.69	-0.09	-120.57	-32.37	0	0	-120	-35	5.95	5.58	5.3	4.99	4.61	4.19	3.71
D	6	1272.2	-31.81	134.75	476999.97	6480309.7	241.52	188.18	121.43	120	120.09	54873.77	-0.02	1.72	-0.01	-120.54	-32.39	0	0	-120	-35	5.96	5.59	5.31	4.99	4.62	4.2	3.72
D	6	1272.4	-31.81	134.75	476999.82	6480296.2	241.5	188.17	121.42	120	120.08	54874.77	-0.02	1.75	0.12	-120.52	-32.42	0	0	-120	-35	5.97	5.6	5.31	5	4.63	4.2	3.73
D	6	1272.6	-31.81	134.75	476999.65	6480282.7	241.48	188.16	121.39	120	120.09	54875.77	-0.02	1.77	0.23	-120.52	-32.43	0	0	-120	-35	5.98	5.6	5.32	5.01	4.63	4.21	3.73
D	6	1272.8	-31.81	134.75	476999.46	6480269.19	241.47	188.15	121.33	120	120.14	54876.8	-0.02	1.79	0.25	-120.5	-32.45	0	0	-120	-35	5.98	5.61	5.32	5.01	4.64	4.21	3.73
D	6	1273	-31.81	134.75	476999.26	6480255.69	241.46	188.14	121.2	120	120.26	54877.88	-0.02	1.79	0.23	-120.47	-32.48	0	0	-120	-35	5.99	5.62	5.32	5.02	4.64	4.21	3.74
D	6	1273.2	-31.81	134.75	476999.04	6480242.19	241.45	188.12	120.98	120	120.47	54879.02	-0.02	1.79	0.17	-120.45	-32.46	0	0	-120	-35	5.99	5.62	5.32	5.02	4.65	4.22	3.74
D	6	1273.4	-31.81	134.75	476998.81	6480228.69	241.43	188.09	120.65	120	120.78	54880.23	-0.02	1.79	0.06	-120.42	-32.48	0	0	-120	-35	5.99	5.62	5.33	5.02	4.65	4.22	3.74
D	6	1273.6	-31.81	134.75	476998.56	6480215.19	241.42	188.07	120.25	120	121.17	54881.51	-0.02	1.79	-0.11	-120.4	-32.51	0	0	-120	-35	6	5.63	5.33	5.03	4.65	4.23	3.75
D	6	1273.8	-31.81	134.75	476998.31	6480201.69	241.41	188.05	119.79	120	121.61	54882.87	-0.02	1.79	-0.3	-120.38	-32.48	0	0	-120	-35	6.01	5.64	5.34	5.04	4.66	4.23	3.75
D	6	1274	-31.81	134.75	476998.04	6480188.19	241.39	188.03	119.3	120	122.08	54884.28	-0.02	1.8	-0.49	-120.35	-32.5	0	0	-120	-35	6.03	5.64	5.35	5.04	4.67	4.24	3.76
D	6	1274.2	-31.81	134.75	476997.76	6480174.69	241.37	187.99	118.8	120	122.57	54885.7	-0.02	1.83	-0.67	-120.35	-32.5	0	0	-120	-35	6.04	5.65	5.36	5.05	4.68	4.24	3.76
D	6	1274.4	-31.81	134.75	476997.48	6480161.19	241.35	187.93	118.25	120	123.1	54887.16	-0.02	1.85	-0.86	-120.32	-32.47	0	0	-120	-35	6.05	5.66	5.37	5.06	4.68	4.25	3.77
D	6	1274.6	-31.81	134.75	476997.18	6480147.7	241.33	187.87	117.63	120	123.7	54888.68	-0.01	1.88	-1.05	-120.31	-32.47	0	0	-120	-35	6.05	5.67	5.37	5.06	4.69	4.26	3.77
D	6	1274.8	-31.81	134.75	476996.89	6480134.2	241.31	187.82	116.98	120	124.33	54890.28	-0.01	1.9	-1.23	-120.29	-32.44	0	0	-120	-35	6.05	5.68	5.37	5.07	4.69	4.26	3.77
D	6	1275	-31.81	134.75	476996.59	6480120.7	241.3	187.79	116.34	120	124.96	54891.93	-0.01	1.9	-1.4	-120.3	-32.41	0	0	-120	-35	6.05	5.68	5.37	5.07	4.69	4.26	3.78
D	6	1275.2	-31.81	134.75	476996.29	6480107.2	241.28	187.75	115.72	120	125.56	54893.63	-0.01	1.91	-1.53	-120.27	-32.37	0	0	-120	-35	6.05	5.69	5.37	5.08	4.7	4.26	3.78
D	6	1275.4	-31.81	134.75	476995.99	6480093.71	241.26	187.69	115.19	120	126.07	54895.39	0	1.94	-1.58	-120.28	-32.34	0	0	-120	-35	6.05	5.69	5.37	5.08	4.7	4.27	3.79
D	6	1275.6	-31.81	134.75	476995.7	6480080.21	241.24	187.61	114.82	120	126.43	54897.21	0	1.95	-1.56	-120.25	-32.3	0	0	-120	-35	6.06	5.7	5.38	5.09	4.71	4.27	3.79
D	6	1275.8	-31.81	134.75	476995.4	6480066.71	241.23	187.5	114.67	120	126.57	54899.07	0.01	1.95	-1.53	-120.26	-32.27	0	0	-120	-35	6.07	5.71	5.39	5.1	4.72	4.28	3.8
D	6	1276	-31.81	134.75	476995.12	6480053.21	241.22	187.39	114.87	120	126.36	54900.92	0.01	1.93	-1.53	-120.23	-32.23	0	0	-120	-35	6.08	5.72	5.41	5.11	4.73	4.29	3.81
D	6	1276.2	-31.81	134.75	476994.83	6480039.72	241.22	187.29	115.45	120	125.77	54902.73	0.01	1.91	-1.6	-120.24	-32.19	0	0	-120	-35	6.1	5.72	5.42	5.12	4.73	4.3	3.81
D	6	1276.4	-31.81	134.75	476994.56	6480026.22	241.22	187.19	116.31	120	124.91	54904.5	0.02	1.88	-1.74	-120.21	-32.14	0	0	-120	-35	6.11	5.73	5.43	5.12	4.74	4.3	3.82
D	6	1276.6	-31.81	134.75	476994.3	6480012.73	241.22	187.12	117.31	120	123.91	54906.29	0.02	1.84	-1.94	-120.2	-32.13	0	0	-120	-35	6.12	5.73	5.44	5.13	4.75	4.31	3.82
D	6	1276.8	-31.81	134.75	476994.04	6479999.24	241.22	187.06	118.26	120	122.96	54908.13	0.03	1.82	-2.15	-120.19	-32.06	0	0	-120	-35	6.13	5.74	5.45	5.13	4.75	4.31	3.83
D	6	1277	-31.81	134.75	476993.81	6479985.75	241.21	187	119	120	122.21	54910.03	0.03	1.8	-2.37	-120.19	-32.04	0	0	-120	-35	6.14	5.74	5.46	5.14	4.75	4.32	3.83
D	6	1277.2	-31.81	134.75	476993.59	6479972.26	241.19	186.95	119.5	120	121.69	54911.9	0.04	1.78	-2.6	-120.18	-32.02	0	0	-120	-35	6.14	5.75	5.46	5.14	4.76	4.32	3.84
D	6	1277.4	-31.81	134.75	476993.39	6479958.78	241.16	186.9	119.76	120	121.4	54913.68	0.04	1.76	-2.77	-120.15	-31.97	0	0	-120	-35	6.15	5.76	5.47	5.15	4.76	4.32	3.84
D	6	1277.6	-31.81	134.75	476993.22	6479945.3	241.13	186.84	119.85	120	121.28	54915.4	0.05	1.75	-2.89	-120.15	-31.94	0	0	-120	-35	6.16	5.76	5.48	5.15	4.77	4.33	3.85
D	6	1277.8	-31.81	134.75	476993.06	6479931.82	241.09	186.79	119.81	120	121.29	54917.11	0.05	1.74	-3	-120.15	-31.92	0	0	-120	-35	6.16	5.77	5.48	5.16	4.78	4.34	3.85
D	6	1278	-31.81	134.75	476992.93	6479918.34	241.06	186.72	119.66	120	121.39	54918.84	0.06	1.74	-3.07	-120.15	-31.9	0	0	-120	-35	6.17	5.79	5.49	5.17	4.79	4.35	3.86
D	6	1278.2	-31.81	134.75	476992.82	6479904.87	241.02	186.64	119.46	120	121.56	54920.5	0.06	1.74	-3.12	-120.14	-31.87	0	0	-120	-35	6.18	5.8	5.5	5.18	4.8	4.36	3.87
D	6	1278.4	-31.81	134.75	476992.74	6479891.4	240.98	186.56	119.26	120	121.71	54922.03	0.06	1.73	-3.19	-120.17	-31.88	0	0	-120	-35	6.19	5.81	5.51	5.19	4.81	4.36	3.88
D	6	1278.6	-31.81	134.75	476992.68	6479877.94	240.94	186.49	119.17	120	121.76	54923.46	0.06	1.73	-3.28	-120.17	-31.86	0	0	-120	-35	6.2	5.82	5.52	5.2	4.82	4.37	3.88
D	6	1278.8	-31.81	134.75	476992.65	6479864.48	240.9	186.44	119.19	120	121.7	54924.83	0.06	1.71	-3.37	-120.19	-31.86	0	0	-120	-35	6.21	5.83	5.53	5.21	4.83	4.38	3.89
D	6	1279	-31.81	134.75	476992.65	6479851.02	240.86	186.43	119.31	120	121.54	54926.15	0.06	1.68	-3.38	-120.2	-31.89	0	0	-120	-35	6.22	5.84	5.54	5.22	4.83	4.39</	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1286.8	-31.82	134.75	476999.46	6479325.7	238.27	185.01	115.41	120	122.85	54955.33	0.02	2.46	-0.43	-120.47	-33.13	0	0	-120	-35	6.95	6.5	6.18	5.82	5.39	4.9	4.38
D	6	1287	-31.82	134.75	476999.54	6479312.22	238.34	185.08	116.61	120	121.73	54955.89	0.02	2.58	-0.4	-120.41	-33.26	0	0	-120	-35	6.96	6.5	6.18	5.82	5.39	4.9	4.37
D	6	1287.2	-31.82	134.75	476999.62	6479298.74	238.44	185.15	117.83	120	120.61	54956.49	0.02	2.62	-0.42	-120.36	-33.42	0	0	-120	-35	6.96	6.5	6.18	5.81	5.38	4.9	4.37
D	6	1287.4	-31.82	134.75	476999.69	6479285.26	238.57	185.23	118.91	120	119.66	54957.12	0.02	2.58	-0.5	-120.29	-33.55	0	0	-120	-35	6.96	6.49	6.17	5.8	5.37	4.88	4.35
D	6	1287.6	-31.82	134.75	476999.74	6479271.78	238.72	185.36	119.72	120	119	54957.8	0.03	2.51	-0.6	-120.21	-33.69	0	0	-120	-35	6.95	6.49	6.15	5.79	5.36	4.87	4.34
D	6	1287.8	-31.82	134.75	476999.79	6479258.31	238.87	185.52	120.2	120	118.67	54958.5	0.03	2.43	-0.68	-120.14	-33.82	0	0	-120	-35	6.93	6.47	6.13	5.77	5.34	4.85	4.32
D	6	1288	-31.82	134.75	476999.83	6479244.84	239.02	185.72	120.39	120	118.63	54959.23	0.03	2.35	-0.68	-120.1	-33.92	0	0	-120	-35	6.91	6.46	6.1	5.75	5.31	4.83	4.3
D	6	1288.2	-31.82	134.75	476999.86	6479231.38	239.17	185.93	120.39	120	118.78	54959.96	0.03	2.29	-0.59	-120.07	-34	0	0	-120	-35	6.89	6.44	6.08	5.73	5.29	4.81	4.29
D	6	1288.4	-31.82	134.75	476999.89	6479217.92	239.3	186.13	120.31	120	118.99	54960.69	0.04	2.23	-0.49	-120.03	-34.05	0	0	-120	-35	6.87	6.41	6.05	5.7	5.27	4.78	4.26
D	6	1288.6	-31.82	134.75	476999.9	6479204.47	239.43	186.31	120.25	120	119.18	54961.43	0.04	2.2	-0.4	-120	-34.08	0	0	-120	-35	6.83	6.39	6.01	5.67	5.24	4.76	4.24
D	6	1288.8	-31.82	134.75	476999.9	6479191.02	239.56	186.46	120.22	120	119.34	54962.17	0.04	2.18	-0.31	-119.97	-34.07	0	0	-120	-35	6.8	6.35	5.98	5.63	5.2	4.72	4.21
D	6	1289	-31.82	134.75	476999.88	6479177.56	239.68	186.58	120.21	120	119.47	54962.94	0.05	2.2	-0.25	-119.99	-34.06	0	0	-120	-35	6.75	6.31	5.93	5.59	5.16	4.69	4.18
D	6	1289.2	-31.82	134.75	476999.85	6479164.12	239.8	186.69	120.25	120	119.54	54963.7	0.05	2.24	-0.27	-119.98	-33.97	0	0	-120	-35	6.69	6.26	5.89	5.54	5.12	4.64	4.14
D	6	1289.4	-31.82	134.75	476999.81	6479150.67	239.91	186.81	120.37	120	119.53	54964.41	0.05	2.29	-0.31	-120	-33.91	0	0	-120	-35	6.64	6.21	5.84	5.5	5.07	4.6	4.1
D	6	1289.6	-31.82	134.75	476999.75	6479137.22	240.02	186.95	120.61	120	119.4	54965.02	0.05	2.33	-0.36	-120.01	-33.8	0	0	-120	-35	6.58	6.16	5.79	5.45	5.03	4.56	4.07
D	6	1289.8	-31.82	134.75	476999.68	6479123.78	240.12	187.08	121	120	119.13	54965.52	0.05	2.34	-0.43	-120.03	-33.69	0	0	-120	-35	6.52	6.11	5.75	5.4	4.98	4.53	4.04
D	6	1290	-31.82	134.75	476999.59	6479110.33	240.23	187.22	121.48	120	118.75	54965.95	0.05	2.31	-0.49	-120.08	-33.6	0	0	-120	-35	6.48	6.06	5.71	5.36	4.95	4.49	4.01
D	6	1290.2	-31.82	134.75	476999.49	6479096.89	240.35	187.33	122.02	120	118.33	54966.37	0.05	2.26	-0.52	-120.07	-33.5	0	0	-120	-35	6.44	6.03	5.68	5.33	4.92	4.47	3.99
D	6	1290.4	-31.82	134.75	476999.37	6479083.45	240.47	187.43	122.54	120	117.92	54966.83	0.05	2.2	-0.56	-120.11	-33.42	0	0	-120	-35	6.42	6	5.66	5.31	4.9	4.45	3.98
D	6	1290.6	-31.82	134.75	476999.25	6479070.01	240.59	187.51	123.01	120	117.58	54967.26	0.04	2.14	-0.59	-120.12	-33.36	0	0	-120	-35	6.41	5.99	5.65	5.3	4.89	4.44	3.97
D	6	1290.8	-31.82	134.75	476999.1	6479056.57	240.7	187.58	123.38	120	117.32	54967.64	0.04	2.11	-0.64	-120.16	-33.32	0	0	-120	-35	6.4	5.97	5.63	5.28	4.87	4.43	3.95
D	6	1291	-31.82	134.75	476998.95	6479043.14	240.8	187.64	123.65	120	117.15	54967.97	0.04	2.12	-0.72	-120.17	-33.25	0	0	-120	-35	6.39	5.95	5.62	5.27	4.86	4.41	3.94
D	6	1291.2	-31.82	134.75	476998.78	6479029.71	240.89	187.7	123.82	120	117.07	54968.26	0.03	2.14	-0.81	-120.21	-33.21	0	0	-120	-35	6.37	5.93	5.6	5.25	4.84	4.4	3.93
D	6	1291.4	-31.82	134.75	476998.6	6479016.28	240.97	187.77	123.91	120	117.06	54968.57	0.03	2.17	-0.89	-120.22	-33.14	0	0	-120	-35	6.34	5.91	5.57	5.22	4.82	4.38	3.91
D	6	1291.6	-31.82	134.75	476998.41	6479002.85	241.05	187.86	123.94	120	117.11	54968.92	0.03	2.23	-0.97	-120.27	-33.08	0	0	-120	-35	6.31	5.88	5.54	5.2	4.79	4.36	3.89
D	6	1291.8	-31.82	134.75	476998.22	6478989.42	241.13	187.95	123.94	120	117.19	54969.31	0.02	2.29	-1.03	-120.31	-33.03	0	0	-120	-35	6.29	5.85	5.51	5.17	4.77	4.34	3.87
D	6	1292	-31.82	134.75	476998.01	6478975.99	241.23	188.04	123.93	120	117.3	54969.74	0.02	2.35	-1.1	-120.36	-33.01	0	0	-120	-35	6.26	5.82	5.49	5.15	4.74	4.32	3.86
D	6	1292.2	-31.82	134.75	476997.8	6478962.57	241.34	188.14	123.91	120	117.43	54970.22	0.02	2.4	-1.24	-120.4	-32.96	0	0	-120	-35	6.24	5.79	5.46	5.12	4.72	4.3	3.84
D	6	1292.4	-31.82	134.75	476997.58	6478949.15	241.47	188.25	123.88	120	117.59	54970.78	0.02	2.43	-1.4	-120.43	-32.96	0	0	-120	-35	6.22	5.77	5.44	5.1	4.71	4.28	3.83
D	6	1292.6	-31.82	134.75	476997.36	6478935.73	241.6	188.37	123.88	120	117.73	54971.42	0.02	2.44	-1.56	-120.45	-32.97	0	0	-120	-35	6.21	5.75	5.43	5.09	4.69	4.27	3.82
D	6	1292.8	-31.82	134.75	476997.13	6478922.31	241.74	188.5	123.93	120	117.81	54972.14	0.02	2.43	-1.73	-120.45	-32.96	0	0	-120	-35	6.2	5.73	5.41	5.07	4.68	4.26	3.8
D	6	1293	-31.82	134.75	476996.9	6478908.9	241.88	188.65	124.07	120	117.8	54972.92	0.02	2.41	-1.88	-120.45	-32.99	0	0	-120	-35	6.19	5.72	5.4	5.06	4.66	4.24	3.79
D	6	1293.2	-31.82	134.75	476996.68	6478895.49	242.01	188.8	124.3	120	117.71	54973.75	0.02	2.4	-2.02	-120.47	-33.04	0	0	-120	-35	6.17	5.7	5.38	5.04	4.65	4.23	3.78
D	6	1293.4	-31.82	134.75	476996.45	6478882.08	242.14	188.96	124.53	120	117.61	54974.6	0.02	2.39	-2.15	-120.47	-33.07	0	0	-120	-35	6.15	5.68	5.36	5.02	4.63	4.21	3.77
D	6	1293.6	-31.82	134.75	476996.23	6478868.68	242.27	189.11	124.71	120	117.57	54975.48	0.03	2.38	-2.25	-120.45	-33.11	0	0	-120	-35	6.13	5.66	5.34	5	4.61	4.2	3.75
D	6	1293.8	-31.82	134.75	476996	6478855.27	242.4	189.26	124.77	120	117.63	54976.41	0.03	2.35	-2.31	-120.43	-33.1	0	0	-120	-35	6.1	5.63	5.31	4.98	4.59	4.18	3.74
D	6	1294	-31.82	134.75	476995.78	6478841.87	242.53	189.39	124.74	120	117.78	54977.41	0.03	2.32	-2.33	-120.41	-33.14	0	0	-120	-35	6.08	5.61	5.29	4.96	4.57	4.16	3.72
D	6	1294.2	-31.82	134.75	476995.55	6478828.48	242.65	189.51	124.71	120	117.94	54978.46	0.04	2.28	-2.28	-120.4	-33.18	0	0	-120	-35	6.05	5.59	5.27	4.94	4.55	4.15	3.71
D	6	1294.4	-31.82	134.75	476995.32	6478815.08	242.76	189.62	124.71	120	118.05	54979.55	0.04	2.26	-2.18	-120.34	-33.21	0	0	-120	-35	6.03	5.57	5.25	4.92	4.54	4.13	3.7
D	6	1294.6	-31.82	134.75	476995.09	6478801.69	242.87	189.72	124.79	120	118.09	54980.64	0.05	2.22	-2.05	-120.31	-33.26	0	0	-120	-35	6.02	5.55	5.24	4.9	4.52	4.12	3.69
D	6	1294.8	-31.82	134.75	476994.87	6478788.3	242.98	189.81	124.95	120	118.03	54981.75	0.06	2.18	-1.93	-120.27	-33.32	0	0	-120	-35	6.01	5.54	5.22	4.89	4.51	4.11	3.68
D	6	1295	-31.82	134.75	476994.64	6478774.91	243.09	189.88	125.15	120	117.94	54982.87	0.06	2.12	-1.83	-120.24	-33.32	0	0	-120	-35	6	5.53	5.21	4.88	4.5	4.1	3.67
D	6	1295.2	-31.82	134.75	476994.41	6478761.52	243.2	189.94	125.35	120	117.85	54983.99	0.07	2.07	-1.79	-120.21	-33.37	0	0	-120	-35	5.99	5.52	5.2	4.87	4.49	4.09	3.66
D	6	1295.4	-31.82	134.75	476994.18	6478748.13	243.31	189.97	125.51	120	117.8	54985.05	0.07	2.03	-1.81	-120.17	-33.37	0	0	-120	-35	5.98	5.51	5.19	4.86	4.48	4.08</	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1303.2	-31.83	134.75	476997.61	6478225.85	238.84	185.48	119.41	120	119.43	54972	-0.03	0.3	-0.54	-122.1	-28.76	0	0	-120	-35	6.71	6.17	5.75	5.35	4.87	4.37	3.86
D	6	1303.4	-31.83	134.75	476997.89	6478212.33	238.41	185.08	118.84	120	119.57	54972.23	-0.03	0.58	-0.37	-122.22	-28.63	0	0	-120	-35	6.82	6.26	5.84	5.43	4.94	4.44	3.92
D	6	1303.6	-31.83	134.75	476998.17	6478198.8	238.01	184.75	118.24	120	119.77	54972.61	-0.02	0.84	-0.23	-122.32	-28.63	0	0	-120	-35	6.92	6.35	5.92	5.5	5.01	4.5	3.97
D	6	1303.8	-31.83	134.75	476998.44	6478185.25	237.65	184.5	117.67	120	119.98	54973.1	-0.01	1.05	-0.12	-122.41	-28.66	0	0	-120	-35	7.02	6.44	6.01	5.58	5.09	4.57	4.03
D	6	1304	-31.83	134.75	476998.7	6478171.71	237.34	184.29	117.19	120	120.15	54973.6	0	1.21	-0.03	-122.42	-28.78	0	0	-120	-35	7.13	6.53	6.1	5.66	5.16	4.63	4.09
D	6	1458.2	-31.83	134.76	477989.1	6478178.27	236.36	182.93	114.3	120	122.06	54878.93	-0.03	0.7	-0.92	-120.74	-32.67	0	0	-120	-35	7.31	6.6	6.1	5.61	5.08	4.56	4.03
D	6	1458.4	-31.83	134.76	477989.5	6478191.68	236.07	182.52	113.92	120	122.15	54878.28	-0.03	0.74	-1.06	-120.74	-32.61	0	0	-120	-35	7.33	6.62	6.12	5.63	5.1	4.58	4.06
D	6	1458.6	-31.83	134.76	477989.9	6478205.09	235.77	182.09	113.82	120	121.95	54877.71	-0.04	0.79	-1.03	-120.73	-32.5	0	0	-120	-35	7.34	6.63	6.13	5.65	5.12	4.6	4.08
D	6	1458.8	-31.83	134.76	477990.3	6478218.51	235.48	181.64	114	120	121.48	54877.18	-0.04	0.85	-0.81	-120.76	-32.41	0	0	-120	-35	7.36	6.65	6.15	5.67	5.14	4.62	4.1
D	6	1459	-31.83	134.76	477990.71	6478231.92	235.19	181.26	114.39	120	120.8	54876.7	-0.04	0.89	-0.55	-120.79	-32.32	0	0	-120	-35	7.37	6.67	6.17	5.69	5.16	4.64	4.12
D	6	1459.2	-31.83	134.76	477991.11	6478245.34	234.9	180.92	114.87	120	120.03	54876.27	-0.04	0.96	-0.3	-120.81	-32.24	0	0	-120	-35	7.39	6.68	6.19	5.71	5.18	4.67	4.14
D	6	1459.4	-31.83	134.76	477991.51	6478258.75	234.63	180.65	115.32	120	119.31	54875.86	-0.04	1.07	0.01	-120.82	-32.23	0	0	-120	-35	7.41	6.71	6.22	5.74	5.21	4.7	4.17
D	6	1459.6	-31.83	134.76	477991.91	6478272.16	234.37	180.45	115.63	120	118.73	54875.49	-0.04	1.17	0.33	-120.84	-32.26	0	0	-120	-35	7.44	6.74	6.25	5.77	5.25	4.73	4.2
D	6	1459.8	-31.83	134.76	477992.31	6478285.57	234.13	180.26	115.77	120	118.36	54875.19	-0.04	1.27	0.55	-120.85	-32.3	0	0	-120	-35	7.48	6.78	6.29	5.81	5.29	4.78	4.25
D	6	1460	-31.83	134.76	477992.72	6478298.98	233.94	180.09	115.82	120	118.12	54874.97	-0.05	1.39	0.69	-120.85	-32.4	0	0	-120	-35	7.52	6.82	6.34	5.86	5.34	4.82	4.29
D	6	1460.2	-31.83	134.76	477993.13	6478312.39	233.79	179.94	115.88	120	117.91	54874.84	-0.05	1.55	0.76	-120.84	-32.56	0	0	-120	-35	7.57	6.87	6.39	5.91	5.39	4.87	4.34
D	6	1460.4	-31.83	134.76	477993.53	6478325.79	233.67	179.8	115.97	120	117.7	54874.8	-0.04	1.75	0.74	-120.83	-32.77	0	0	-120	-35	7.61	6.9	6.43	5.95	5.43	4.91	4.37
D	6	1460.6	-31.83	134.76	477993.94	6478339.2	233.59	179.71	116.06	120	117.53	54874.87	-0.04	1.94	0.65	-120.78	-32.97	0	0	-120	-35	7.65	6.94	6.47	5.99	5.47	4.95	4.41
D	6	1460.8	-31.83	134.76	477994.35	6478352.6	233.54	179.64	116.06	120	117.48	54875.03	-0.04	2.07	0.58	-120.74	-33.22	0	0	-120	-35	7.68	6.97	6.51	6.03	5.5	4.98	4.43
D	6	1461	-31.83	134.76	477994.76	6478366	233.52	179.54	115.92	120	117.6	54875.3	-0.03	2.14	0.53	-120.65	-33.49	0	0	-120	-35	7.7	7	6.54	6.05	5.53	5	4.46
D	6	1461.2	-31.83	134.76	477995.16	6478379.39	233.52	179.45	115.68	120	117.84	54875.63	-0.03	2.18	0.52	-120.56	-33.72	0	0	-120	-35	7.73	7.02	6.56	6.08	5.55	5.02	4.48
D	6	1461.4	-31.82	134.76	477995.56	6478392.78	233.55	179.38	115.47	120	118.08	54876	-0.02	2.18	0.52	-120.46	-33.96	0	0	-120	-35	7.74	7.03	6.58	6.09	5.57	5.04	4.49
D	6	1461.6	-31.82	134.76	477995.96	6478406.16	233.59	179.35	115.37	120	118.22	54876.4	-0.01	2.17	0.43	-120.31	-34.18	0	0	-120	-35	7.75	7.04	6.59	6.1	5.58	5.05	4.5
D	6	1461.8	-31.82	134.76	477996.35	6478419.54	233.64	179.41	115.38	120	118.26	54876.85	-0.01	2.17	0.23	-120.17	-34.34	0	0	-120	-35	7.75	7.05	6.6	6.11	5.59	5.06	4.51
D	6	1462	-31.82	134.76	477996.73	6478432.91	233.68	179.47	115.44	120	118.24	54877.33	-0.01	2.17	-0.01	-120.05	-34.53	0	0	-120	-35	7.76	7.06	6.61	6.12	5.6	5.07	4.52
D	6	1462.2	-31.82	134.76	477997.11	6478446.28	233.72	179.46	115.48	120	118.24	54877.75	0	2.19	-0.22	-119.93	-34.66	0	0	-120	-35	7.76	7.06	6.62	6.13	5.61	5.08	4.53
D	6	1462.4	-31.82	134.76	477997.48	6478459.64	233.74	179.4	115.49	120	118.26	54878.09	0	2.21	-0.46	-119.82	-34.79	0	0	-120	-35	7.76	7.06	6.62	6.13	5.61	5.08	4.53
D	6	1462.6	-31.82	134.76	477997.83	6478473.01	233.76	179.28	115.55	120	118.21	54878.43	0.01	2.22	-0.83	-119.7	-34.91	0	0	-120	-35	7.76	7.07	6.63	6.14	5.62	5.09	4.54
D	6	1462.8	-31.82	134.76	477998.17	6478486.36	233.78	179.16	115.72	120	118.07	54878.88	0.01	2.23	-1.21	-119.61	-35.01	0	0	-120	-35	7.75	7.07	6.63	6.15	5.63	5.1	4.54
D	6	1463	-31.82	134.76	477998.48	6478499.72	233.81	179.15	116	120	117.8	54879.38	0.01	2.18	-1.36	-119.54	-35.08	0	0	-120	-35	7.75	7.07	6.63	6.15	5.63	5.1	4.55
D	6	1463.2	-31.82	134.76	477998.76	6478513.07	233.84	179.21	116.34	120	117.5	54879.85	0.02	2.1	-1.44	-119.49	-35.14	0	0	-120	-35	7.74	7.07	6.63	6.15	5.64	5.11	4.55
D	6	1463.4	-31.82	134.76	477999.03	6478526.41	233.87	179.35	116.57	120	117.3	54880.23	0.02	2	-1.5	-119.43	-35.16	0	0	-120	-35	7.73	7.07	6.63	6.16	5.64	5.11	4.55
D	6	1463.6	-31.82	134.76	477999.27	6478539.76	233.89	179.51	116.64	120	117.26	54880.56	0.03	1.92	-1.54	-119.38	-35.21	0	0	-120	-35	7.72	7.08	6.63	6.16	5.65	5.12	4.56
D	6	1463.8	-31.82	134.76	477999.5	6478553.1	233.91	179.65	116.56	120	117.35	54880.87	0.03	1.85	-1.5	-119.37	-35.23	0	0	-120	-35	7.73	7.09	6.64	6.17	5.66	5.13	4.56
D	6	1464	-31.82	134.76	477999.7	6478566.44	233.91	179.77	116.4	120	117.51	54881.14	0.03	1.82	-1.43	-119.35	-35.21	0	0	-120	-35	7.73	7.1	6.64	6.19	5.67	5.14	4.57
D	6	1464.2	-31.82	134.76	477999.9	6478579.77	233.89	179.88	116.32	120	117.57	54881.36	0.04	1.81	-1.36	-119.35	-35.17	0	0	-120	-35	7.74	7.11	6.65	6.2	5.68	5.15	4.58
D	6	1464.4	-31.82	134.76	478000.07	6478593.11	233.86	179.96	116.36	120	117.5	54881.51	0.04	1.85	-1.28	-119.38	-35.15	0	0	-120	-35	7.74	7.12	6.66	6.21	5.69	5.16	4.58
D	6	1464.6	-31.82	134.76	478000.24	6478606.44	233.82	180.02	116.5	120	117.32	54881.59	0.04	1.94	-1.19	-119.42	-35.07	0	0	-120	-35	7.74	7.12	6.66	6.21	5.7	5.16	4.59
D	6	1464.8	-31.82	134.76	478000.4	6478619.77	233.78	180.03	116.69	120	117.09	54881.6	0.04	2.04	-1.11	-119.48	-34.97	0	0	-120	-35	7.72	7.11	6.66	6.21	5.7	5.17	4.59
D	6	1465	-31.82	134.76	478000.55	6478633.09	233.75	180.01	116.84	120	116.91	54881.57	0.04	2.12	-1	-119.55	-34.86	0	0	-120	-35	7.71	7.1	6.65	6.21	5.7	5.17	4.6
D	6	1465.2	-31.82	134.76	478000.69	6478646.41	233.73	179.98	116.91	120	116.82	54881.54	0.04	2.18	-0.84	-119.61	-34.76	0	0	-120	-35	7.69	7.09	6.64	6.2	5.7	5.17	4.6
D	6	1465.4	-31.82	134.76	478000.82	6478659.73	233.72	179.97	116.89	120	116.83	54881.5	0.04	2.23	-0.65	-119.69	-34.64	0	0	-120	-35	7.67	7.08	6.64	6.2	5.7	5.17	4.6
D	6	1465.6	-31.82	134.76	478000.96	6478673.05	233.71	180	116.8	120	116.91	54881.38	0.04	2.29	-0.45	-119.75	-34.59	0	0	-120	-35	7.67	7.08	6.64	6.21	5.71	5.18	4.61
D	6	1465.8	-31.82	134.76	478001.08	6478686.36	233.72	180.05	116.68	120	117.05	54881.18	0.04	2.32	-0.3	-119.79	-34.5	0	0	-120	-35	7.67	7.08	6.65	6.21	5.72	5.18	4.61</

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1473.6	-31.82	134.76	478005.57	6479204.76	235.14	182.01	112.69	120	122.45	54867.27	0.02	2.28	0.92	-120.01	-33.8	0	0	-120	-35	7.39	6.94	6.57	6.19	5.73	5.2	4.62
D	6	1473.8	-31.82	134.76	478005.76	6479218.05	235.26	182.03	113.19	120	122.07	54867.42	0.03	2.22	0.95	-119.99	-33.88	0	0	-120	-35	7.38	6.94	6.56	6.19	5.73	5.2	4.62
D	6	1474	-31.82	134.76	478005.96	6479231.33	235.36	181.98	113.6	120	121.76	54867.57	0.04	2.15	1.01	-119.93	-33.95	0	0	-120	-35	7.37	6.93	6.56	6.19	5.72	5.2	4.62
D	6	1474.2	-31.82	134.76	478006.17	6479244.61	235.46	181.84	113.79	120	121.68	54867.7	0.05	2.11	1.14	-119.86	-34.06	0	0	-120	-35	7.36	6.92	6.55	6.18	5.72	5.19	4.62
D	6	1474.4	-31.82	134.76	478006.39	6479257.89	235.56	181.67	113.67	120	121.89	54867.73	0.05	2.06	1.34	-119.8	-34.18	0	0	-120	-35	7.36	6.92	6.55	6.18	5.72	5.19	4.62
D	6	1474.6	-31.82	134.76	478006.62	6479271.17	235.65	181.5	113.27	120	122.38	54867.59	0.06	2.08	1.36	-119.74	-34.29	0	0	-120	-35	7.35	6.91	6.54	6.17	5.71	5.19	4.61
D	6	1474.8	-31.82	134.76	478006.84	6479284.44	235.75	181.39	112.7	120	123.05	54867.32	0.06	2.14	1.16	-119.7	-34.43	0	0	-120	-35	7.36	6.91	6.54	6.17	5.71	5.18	4.61
D	6	1475	-31.82	134.76	478007.05	6479297.71	235.85	181.38	112.09	120	123.76	54866.99	0.06	2.21	0.93	-119.65	-34.54	0	0	-120	-35	7.36	6.9	6.53	6.17	5.71	5.18	4.6
D	6	1475.2	-31.82	134.76	478007.26	6479310.98	235.97	181.47	111.6	120	124.36	54866.56	0.05	2.27	0.73	-119.61	-34.68	0	0	-120	-35	7.36	6.9	6.53	6.17	5.71	5.18	4.6
D	6	1475.4	-31.82	134.76	478007.45	6479324.24	236.09	181.64	111.35	120	124.74	54865.97	0.05	2.33	0.49	-119.55	-34.79	0	0	-120	-35	7.36	6.89	6.53	6.16	5.7	5.18	4.6
D	6	1475.6	-31.82	134.76	478007.63	6479337.5	236.22	181.86	111.38	120	124.84	54865.24	0.05	2.38	0.2	-119.55	-34.88	0	0	-120	-35	7.35	6.88	6.52	6.15	5.69	5.17	4.59
D	6	1475.8	-31.82	134.76	478007.8	6479350.75	236.38	182.09	111.63	120	124.75	54864.47	0.04	2.41	-0.09	-119.51	-34.96	0	0	-120	-35	7.32	6.85	6.49	6.13	5.67	5.15	4.57
D	6	1476	-31.82	134.76	478007.95	6479364.01	236.55	182.33	111.94	120	124.61	54863.71	0.03	2.41	-0.35	-119.51	-35.01	0	0	-120	-35	7.27	6.82	6.46	6.1	5.64	5.12	4.55
D	6	1476.2	-31.82	134.76	478008.09	6479377.26	236.74	182.55	112.17	120	124.56	54862.95	0.03	2.38	-0.53	-119.5	-35.06	0	0	-120	-35	7.22	6.77	6.42	6.06	5.61	5.09	4.51
D	6	1476.4	-31.82	134.76	478008.21	6479390.51	236.94	182.77	112.28	120	124.67	54862.15	0.02	2.36	-0.59	-119.46	-35.09	0	0	-120	-35	7.17	6.72	6.38	6.01	5.57	5.05	4.48
D	6	1476.6	-31.82	134.76	478008.32	6479403.76	237.16	182.99	112.32	120	124.84	54861.36	0.02	2.34	-0.58	-119.43	-35.11	0	0	-120	-35	7.13	6.68	6.34	5.97	5.53	5.02	4.45
D	6	1476.8	-31.82	134.76	478008.41	6479417	237.39	183.23	112.47	120	124.92	54860.61	0.01	2.34	-0.55	-119.39	-35.13	0	0	-120	-35	7.09	6.64	6.3	5.94	5.5	4.99	4.42
D	6	1477	-31.82	134.76	478008.5	6479430.24	237.61	183.47	112.83	120	124.78	54859.93	0.01	2.34	-0.53	-119.34	-35.17	0	0	-120	-35	7.06	6.61	6.27	5.91	5.46	4.96	4.39
D	6	1477.2	-31.82	134.76	478008.57	6479443.48	237.83	183.72	113.44	120	124.4	54859.28	0.01	2.33	-0.55	-119.3	-35.19	0	0	-120	-35	7.04	6.58	6.24	5.88	5.43	4.93	4.37
D	6	1477.4	-31.82	134.76	478008.63	6479456.72	238.05	183.96	114.17	120	123.88	54858.68	0.01	2.26	-0.56	-119.23	-35.19	0	0	-120	-35	7.01	6.54	6.21	5.84	5.4	4.9	4.34
D	6	1477.6	-31.82	134.76	478008.69	6479469.96	238.26	184.21	114.89	120	123.37	54858.12	0.01	2.15	-0.55	-119.18	-35.18	0	0	-120	-35	6.97	6.5	6.17	5.81	5.37	4.86	4.3
D	6	1477.8	-31.82	134.76	478008.72	6479483.19	238.45	184.45	115.44	120	123.01	54857.6	0	2.02	-0.53	-119.11	-35.14	0	0	-120	-35	6.93	6.45	6.12	5.76	5.32	4.82	4.27
D	6	1478	-31.81	134.76	478008.75	6479496.42	238.62	184.67	115.8	120	122.82	54857.09	0	1.9	-0.54	-119.09	-35.1	0	0	-120	-35	6.87	6.4	6.07	5.71	5.27	4.77	4.22
D	6	1478.2	-31.81	134.76	478008.76	6479509.66	238.76	184.88	115.99	120	122.76	54856.61	0	1.8	-0.63	-119.06	-35.03	0	0	-120	-35	6.8	6.34	6.01	5.65	5.22	4.73	4.18
D	6	1478.4	-31.81	134.76	478008.76	6479522.89	238.88	185.05	116.1	120	122.78	54856.21	0	1.74	-0.75	-119.05	-34.94	0	0	-120	-35	6.74	6.29	5.96	5.61	5.18	4.68	4.14
D	6	1478.6	-31.81	134.76	478008.76	6479536.12	238.98	185.19	116.15	120	122.83	54855.88	0	1.71	-0.85	-119.03	-34.86	0	0	-120	-35	6.69	6.24	5.92	5.57	5.14	4.65	4.11
D	6	1478.8	-31.81	134.76	478008.74	6479549.35	239.06	185.31	116.11	120	122.95	54855.61	0	1.72	-0.93	-119.04	-34.76	0	0	-120	-35	6.65	6.21	5.89	5.54	5.12	4.63	4.1
D	6	1479	-31.81	134.76	478008.71	6479562.58	239.13	185.39	115.96	120	123.18	54855.4	0	1.73	-0.91	-119.08	-34.67	0	0	-120	-35	6.64	6.2	5.88	5.53	5.11	4.62	4.09
D	6	1479.2	-31.81	134.76	478008.68	6479575.82	239.2	185.49	115.68	120	123.52	54855.25	0.01	1.76	-0.79	-119.1	-34.56	0	0	-120	-35	6.63	6.19	5.87	5.52	5.1	4.62	4.09
D	6	1479.4	-31.81	134.76	478008.64	6479589.05	239.26	185.64	115.35	120	123.91	54855.15	0.01	1.8	-0.58	-119.14	-34.48	0	0	-120	-35	6.62	6.18	5.86	5.51	5.1	4.62	4.08
D	6	1479.6	-31.81	134.76	478008.6	6479602.28	239.31	185.83	115.11	120	124.2	54855.08	0.01	1.83	-0.31	-119.22	-34.41	0	0	-120	-35	6.62	6.18	5.86	5.51	5.09	4.62	4.09
D	6	1479.8	-31.81	134.76	478008.55	6479615.51	239.36	186.03	115.06	120	124.3	54855.01	0.01	1.83	-0.04	-119.28	-34.32	0	0	-120	-35	6.61	6.18	5.85	5.51	5.09	4.62	4.09
D	6	1480	-31.81	134.76	478008.51	6479628.75	239.41	186.17	115.24	120	124.18	54854.93	0.01	1.83	0.14	-119.35	-34.21	0	0	-120	-35	6.6	6.18	5.85	5.51	5.09	4.62	4.09
D	6	1480.2	-31.81	134.76	478008.48	6479641.99	239.47	186.22	115.59	120	123.88	54854.83	0.01	1.84	0.23	-119.44	-34.13	0	0	-120	-35	6.59	6.17	5.84	5.51	5.09	4.62	4.09
D	6	1480.4	-31.81	134.76	478008.44	6479655.22	239.53	186.19	116.06	120	123.47	54854.77	0.01	1.87	0.26	-119.54	-34.01	0	0	-120	-35	6.58	6.17	5.83	5.5	5.09	4.62	4.09
D	6	1480.6	-31.81	134.76	478008.42	6479668.46	239.59	186.15	116.56	120	123.03	54854.81	0.02	1.92	0.29	-119.63	-33.93	0	0	-120	-35	6.57	6.16	5.83	5.5	5.09	4.62	4.1
D	6	1480.8	-31.81	134.76	478008.39	6479681.69	239.64	186.11	117.03	120	122.61	54854.9	0.02	1.98	0.34	-119.7	-33.82	0	0	-120	-35	6.56	6.16	5.83	5.5	5.09	4.62	4.1
D	6	1481	-31.81	134.76	478008.37	6479694.93	239.68	186.1	117.47	120	122.22	54854.98	0.02	2.03	0.37	-119.77	-33.72	0	0	-120	-35	6.55	6.16	5.82	5.5	5.09	4.62	4.11
D	6	1481.2	-31.81	134.76	478008.35	6479708.16	239.72	186.13	117.82	120	121.9	54855.01	0.03	2.08	0.37	-119.84	-33.66	0	0	-120	-35	6.54	6.15	5.82	5.5	5.09	4.63	4.11
D	6	1481.4	-31.81	134.76	478008.33	6479721.39	239.74	186.18	118.07	120	121.68	54855.04	0.03	2.11	0.36	-119.89	-33.62	0	0	-120	-35	6.53	6.15	5.82	5.5	5.09	4.63	4.11
D	6	1481.6	-31.81	134.76	478008.32	6479734.62	239.76	186.26	118.19	120	121.57	54855.09	0.03	2.15	0.37	-119.92	-33.6	0	0	-120	-35	6.53	6.14	5.82	5.5	5.09	4.63	4.11
D	6	1481.8	-31.81	134.76	478008.31	6479747.84	239.78	186.34	118.22	120	121.57	54855.19	0.04	2.21	0.39	-119.94	-33.6	0	0	-120	-35	6.52	6.14	5.82	5.49	5.09	4.63	4.12
D	6	1482	-31.81	134.76	478008.31	6479761.07	239.81	186.39	118.17	120	121.65	54855.27	0.04	2.26	0.45	-119.95	-33.64	0	0	-120	-35	6.52	6.13	5.82	5.49	5.09	4.63	4.12
D	6	1482.2	-31.81	134.76	478008.31	6479774.3	239.85	186.4	118.04	120	121.82	54855.34	0.04	2.27	0.48	-119.96	-33.68	0	0	-120	-35	6.51	6.13	5.82	5.49			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1490	-31.81	134.76	478003.99	6480289.68	237.73	184.89	116.36	120	121.37	54836.32	0.05	1.45	2.28	-120.13	-33.16	0	0	-120	-35	6.9	6.4	6.06	5.69	5.25	4.76	4.21
D	6	1490.2	-31.81	134.76	478004.01	6480302.93	237.6	184.8	116.38	120	121.23	54835.4	0.05	1.51	2.16	-120.18	-33.12	0	0	-120	-35	6.93	6.43	6.08	5.71	5.27	4.77	4.22
D	6	1490.4	-31.81	134.76	478004.04	6480316.17	237.48	184.72	116.37	120	121.11	54834.46	0.05	1.57	1.98	-120.22	-33.09	0	0	-120	-35	6.95	6.45	6.1	5.73	5.29	4.79	4.24
D	6	1490.6	-31.81	134.76	478004.1	6480329.42	237.37	184.62	116.3	120	121.07	54833.54	0.05	1.63	1.77	-120.25	-33.06	0	0	-120	-35	6.98	6.47	6.13	5.75	5.31	4.81	4.25
D	6	1490.8	-31.81	134.76	478004.17	6480342.67	237.26	184.49	116.18	120	121.08	54832.65	0.05	1.69	1.56	-120.29	-33.08	0	0	-120	-35	7.01	6.5	6.15	5.77	5.33	4.83	4.27
D	6	1491	-31.81	134.76	478004.25	6480355.92	237.14	184.33	115.97	120	121.17	54831.79	0.05	1.72	1.36	-120.31	-33.07	0	0	-120	-35	7.04	6.52	6.18	5.8	5.35	4.84	4.28
D	6	1491.2	-31.81	134.76	478004.35	6480369.17	237.03	184.17	115.69	120	121.33	54830.95	0.05	1.71	1.14	-120.33	-33.11	0	0	-120	-35	7.07	6.54	6.21	5.82	5.37	4.86	4.3
D	6	1491.4	-31.81	134.76	478004.46	6480382.41	236.91	184.1	115.37	120	121.53	54830.08	0.05	1.7	0.92	-120.35	-33.19	0	0	-120	-35	7.09	6.56	6.23	5.84	5.39	4.88	4.31
D	6	1491.6	-31.81	134.76	478004.58	6480395.66	236.79	184.09	115.02	120	121.77	54829.18	0.05	1.73	0.74	-120.35	-33.25	0	0	-120	-35	7.12	6.59	6.26	5.86	5.41	4.9	4.33
D	6	1491.8	-31.81	134.76	478004.71	6480408.92	236.69	184.12	114.69	120	122	54828.22	0.05	1.8	0.59	-120.34	-33.37	0	0	-120	-35	7.15	6.61	6.29	5.89	5.43	4.91	4.34
D	6	1492	-31.81	134.76	478004.86	6480422.17	236.6	184.09	114.4	120	122.2	54827.29	0.05	1.88	0.39	-120.34	-33.47	0	0	-120	-35	7.18	6.64	6.31	5.91	5.45	4.93	4.36
D	6	1492.2	-31.81	134.76	478005.01	6480435.43	236.53	183.9	114.18	120	122.35	54826.43	0.05	1.91	0.21	-120.32	-33.64	0	0	-120	-35	7.21	6.67	6.34	5.94	5.48	4.95	4.38
D	6	1492.4	-31.81	134.76	478005.18	6480448.69	236.48	183.6	114	120	122.48	54825.62	0.05	1.89	0.11	-120.28	-33.78	0	0	-120	-35	7.24	6.7	6.37	5.96	5.5	4.98	4.4
D	6	1492.6	-31.81	134.76	478005.35	6480461.95	236.44	183.26	113.83	120	122.61	54824.84	0.05	1.82	0.05	-120.25	-33.92	0	0	-120	-35	7.28	6.74	6.4	5.99	5.53	5	4.42
D	6	1492.8	-31.81	134.76	478005.52	6480475.21	236.39	182.94	113.62	120	122.77	54824.02	0.05	1.75	0	-120.21	-34.05	0	0	-120	-35	7.31	6.78	6.43	6.02	5.56	5.03	4.44
D	6	1493	-31.81	134.76	478005.69	6480488.47	236.34	182.74	113.36	120	122.99	54823.18	0.05	1.69	-0.03	-120.17	-34.19	0	0	-120	-35	7.35	6.81	6.46	6.05	5.58	5.05	4.46
D	6	1493.2	-31.81	134.76	478005.87	6480501.72	236.28	182.63	113.04	120	123.25	54822.27	0.05	1.63	-0.02	-120.13	-34.27	0	0	-120	-35	7.38	6.85	6.48	6.08	5.61	5.07	4.48
D	6	1493.4	-31.81	134.76	478006.04	6480514.97	236.22	182.56	112.68	120	123.54	54821.36	0.05	1.58	0.01	-120.09	-34.31	0	0	-120	-35	7.41	6.88	6.51	6.1	5.63	5.1	4.5
D	6	1493.6	-31.81	134.76	478006.21	6480528.22	236.14	182.5	112.3	120	123.84	54820.48	0.05	1.54	0.06	-120.08	-34.38	0	0	-120	-35	7.43	6.9	6.53	6.13	5.65	5.11	4.51
D	6	1493.8	-31.81	134.76	478006.39	6480541.47	236.06	182.43	111.96	120	124.1	54819.66	0.05	1.5	0.19	-120.06	-34.4	0	0	-120	-35	7.45	6.92	6.55	6.15	5.67	5.13	4.53
D	6	1494	-31.81	134.76	478006.56	6480554.72	235.97	182.32	111.69	120	124.28	54818.83	0.05	1.5	0.36	-120.04	-34.41	0	0	-120	-35	7.46	6.93	6.56	6.16	5.68	5.14	4.54
D	6	1494.2	-31.81	134.76	478006.74	6480567.97	235.88	182.18	111.58	120	124.3	54817.97	0.06	1.53	0.51	-120.04	-34.42	0	0	-120	-35	7.47	6.94	6.57	6.17	5.69	5.15	4.54
D	6	1494.4	-31.81	134.76	478006.92	6480581.21	235.78	182.04	111.64	120	124.14	54817.09	0.06	1.58	0.57	-120.02	-34.43	0	0	-120	-35	7.48	6.95	6.58	6.18	5.7	5.16	4.55
D	6	1494.6	-31.81	134.76	478007.1	6480594.46	235.68	181.9	111.88	120	123.81	54816.22	0.06	1.61	0.57	-120.02	-34.44	0	0	-120	-35	7.5	6.97	6.6	6.2	5.72	5.18	4.57
D	6	1494.8	-31.8	134.76	478007.28	6480607.71	235.59	181.75	112.22	120	123.36	54815.34	0.06	1.6	0.53	-120.04	-34.42	0	0	-120	-35	7.52	7	6.62	6.22	5.74	5.19	4.59
D	6	1495	-31.8	134.76	478007.45	6480620.96	235.49	181.61	112.57	120	122.92	54814.42	0.06	1.58	0.47	-120.04	-34.42	0	0	-120	-35	7.55	7.03	6.65	6.25	5.76	5.21	4.6
D	6	1495.2	-31.8	134.76	478007.63	6480634.2	235.4	181.47	112.83	120	122.57	54813.45	0.06	1.54	0.39	-120.03	-34.38	0	0	-120	-35	7.59	7.06	6.68	6.27	5.78	5.23	4.62
D	6	1495.4	-31.8	134.76	478007.8	6480647.45	235.32	181.32	112.95	120	122.37	54812.42	0.07	1.51	0.31	-120.05	-34.37	0	0	-120	-35	7.61	7.08	6.7	6.29	5.8	5.25	4.63
D	6	1495.6	-31.8	134.76	478007.97	6480660.7	235.24	181.2	112.93	120	122.31	54811.37	0.07	1.49	0.24	-120.07	-34.31	0	0	-120	-35	7.63	7.1	6.71	6.3	5.81	5.26	4.64
D	6	1495.8	-31.8	134.76	478008.14	6480673.94	235.15	181.09	112.82	120	122.33	54810.27	0.07	1.48	0.16	-120.1	-34.29	0	0	-120	-35	7.63	7.11	6.71	6.31	5.81	5.26	4.64
D	6	1496	-31.8	134.76	478008.29	6480687.19	235.07	180.99	112.72	120	122.35	54809.11	0.07	1.48	0.09	-120.14	-34.22	0	0	-120	-35	7.62	7.1	6.7	6.3	5.81	5.25	4.63
D	6	1496.2	-31.8	134.76	478008.45	6480700.43	234.98	180.88	112.69	120	122.29	54807.9	0.07	1.49	0.02	-120.17	-34.15	0	0	-120	-35	7.61	7.1	6.7	6.3	5.8	5.25	4.63
D	6	1496.4	-31.8	134.76	478008.59	6480713.66	234.89	180.78	112.73	120	122.16	54806.65	0.07	1.52	-0.03	-120.2	-34.09	0	0	-120	-35	7.59	7.09	6.69	6.29	5.8	5.24	4.62
D	6	1496.6	-31.8	134.76	478008.73	6480726.9	234.8	180.69	112.82	120	121.98	54805.36	0.07	1.56	-0.09	-120.23	-34.03	0	0	-120	-35	7.58	7.08	6.68	6.28	5.79	5.23	4.62
D	6	1496.8	-31.8	134.76	478008.86	6480740.13	234.72	180.62	112.9	120	121.82	54804.01	0.06	1.61	-0.14	-120.28	-33.95	0	0	-120	-35	7.57	7.08	6.67	6.28	5.79	5.23	4.62
D	6	1497	-31.8	134.76	478008.99	6480753.36	234.65	180.58	112.91	120	121.74	54802.57	0.06	1.66	-0.17	-120.28	-33.91	0	0	-120	-35	7.57	7.08	6.68	6.28	5.79	5.23	4.62
D	6	1497.2	-31.8	134.76	478009.11	6480766.59	234.59	180.54	112.86	120	121.73	54801.06	0.06	1.73	-0.18	-120.33	-33.89	0	0	-120	-35	7.58	7.08	6.69	6.28	5.79	5.24	4.62
D	6	1497.4	-31.8	134.76	478009.22	6480779.82	234.55	180.51	112.8	120	121.75	54799.49	0.05	1.8	-0.15	-120.32	-33.87	0	0	-120	-35	7.6	7.1	6.7	6.3	5.8	5.25	4.63
D	6	1497.6	-31.8	134.76	478009.32	6480793.04	234.51	180.48	112.76	120	121.76	54797.89	0.05	1.87	-0.1	-120.32	-33.88	0	0	-120	-35	7.62	7.11	6.72	6.31	5.82	5.26	4.64
D	6	1497.8	-31.8	134.76	478009.42	6480806.26	234.49	180.44	112.77	120	121.73	54796.29	0.04	1.92	-0.06	-120.31	-33.92	0	0	-120	-35	7.65	7.13	6.74	6.32	5.83	5.27	4.65
D	6	1498	-31.8	134.76	478009.52	6480819.48	234.48	180.39	112.8	120	121.68	54794.68	0.04	1.95	-0.03	-120.29	-33.96	0	0	-120	-35	7.66	7.13	6.75	6.34	5.84	5.28	4.66
D	6	1498.2	-31.8	134.76	478009.6	6480832.7	234.49	180.33	112.82	120	121.67	54793.07	0.04	1.95	0	-120.25	-34.02	0	0	-120	-35	7.67	7.14	6.76	6.34	5.84	5.28	4.66
D	6	1498.4	-31.8	134.76	478009.68	6480845.91	234.51	180.28	112.8	120	121.71	54791.45	0.03	1.94	0.02	-120.23	-34.07	0	0	-120	-35	7.68	7.14	6.76	6.35	5.85	5.29	4.66
D	6	1498.6	-31.8	134.76	478009.75	6480859.11	234.54	180.26	112.74	120	121.81	54789.83	0.03	1.94	0.02	-120.21	-34.17	0	0	-120	-35	7.68	7.13	6.76	6.35	5.85	5.29	4.6

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1506.4	-31.8	134.76	478005.26	6481368.26	240.57	187.42	104.4	120	136.17	54738.93	0	2.93	0.4	-119.57	-35.74	0	0	-120	-35	6.86	6.37	6.06	5.72	5.32	4.86	4.32
D	6	1506.6	-31.8	134.76	478005	6481381.17	240.78	187.59	104.66	120	136.12	54737.77	0	3	0.39	-119.6	-35.72	0	0	-120	-35	6.84	6.34	6.03	5.7	5.29	4.83	4.31
D	6	1506.8	-31.8	134.76	478004.73	6481394.07	241	187.75	105.43	120	135.56	54736.62	0	3.13	0.4	-119.59	-35.74	0	0	-120	-35	6.81	6.32	6	5.67	5.27	4.81	4.29
D	6	1507	-31.8	134.76	478004.47	6481406.96	241.23	187.95	106.53	120	134.69	54735.5	0	3.26	0.43	-119.6	-35.75	0	0	-120	-35	6.78	6.29	5.97	5.64	5.24	4.79	4.26
D	6	1507.2	-31.8	134.76	478004.2	6481419.84	241.46	188.22	107.73	120	133.74	54734.41	0	3.35	0.49	-119.63	-35.78	0	0	-120	-35	6.74	6.25	5.93	5.61	5.21	4.76	4.24
D	6	1507.4	-31.8	134.76	478003.93	6481432.71	241.71	188.53	108.89	120	132.83	54733.37	0	3.42	0.57	-119.62	-35.8	0	0	-120	-35	6.71	6.21	5.9	5.57	5.18	4.72	4.21
D	6	1507.6	-31.8	134.76	478003.66	6481445.57	241.97	188.83	109.91	120	132.06	54732.32	0	3.46	0.72	-119.62	-35.86	0	0	-120	-35	6.66	6.17	5.86	5.53	5.14	4.69	4.18
D	6	1507.8	-31.8	134.76	478003.39	6481458.43	242.25	189.12	110.76	120	131.49	54731.22	0	3.48	0.86	-119.61	-35.92	0	0	-120	-35	6.62	6.13	5.81	5.49	5.1	4.66	4.15
D	6	1508	-31.8	134.76	478003.12	6481471.27	242.53	189.38	111.44	120	131.09	54730.05	0	3.5	0.89	-119.6	-36.02	0	0	-120	-35	6.58	6.09	5.77	5.45	5.07	4.62	4.12
D	6	1508.2	-31.8	134.76	478002.84	6481484.11	242.83	189.61	112	120	130.83	54728.87	0	3.5	0.77	-119.58	-36.09	0	0	-120	-35	6.53	6.04	5.73	5.41	5.03	4.59	4.09
D	6	1508.4	-31.8	134.76	478002.56	6481496.94	243.14	189.87	112.54	120	130.6	54727.71	0	3.46	0.48	-119.53	-36.22	0	0	-120	-35	6.49	6	5.7	5.38	5	4.56	4.06
D	6	1508.6	-31.8	134.76	478002.28	6481509.76	243.45	190.15	113.18	120	130.28	54726.55	0	3.43	0.2	-119.47	-36.36	0	0	-120	-35	6.45	5.97	5.66	5.34	4.96	4.52	4.03
D	6	1508.8	-31.8	134.76	478002	6481522.58	243.76	190.47	113.95	120	129.82	54725.34	0	3.39	0.03	-119.39	-36.46	0	0	-120	-35	6.41	5.93	5.62	5.3	4.93	4.49	4
D	6	1509	-31.8	134.76	478001.71	6481535.38	244.07	190.8	114.81	120	129.26	54724.12	0	3.35	-0.05	-119.34	-36.59	0	0	-120	-35	6.36	5.89	5.57	5.26	4.89	4.46	3.97
D	6	1509.2	-31.8	134.76	478001.41	6481548.17	244.37	191.14	115.68	120	128.69	54722.92	0	3.31	-0.03	-119.28	-36.66	0	0	-120	-35	6.31	5.84	5.52	5.22	4.84	4.42	3.93
D	6	1509.4	-31.8	134.76	478001.12	6481560.96	244.65	191.45	116.43	120	128.22	54721.77	0	3.26	0.07	-119.19	-36.71	0	0	-120	-35	6.25	5.79	5.47	5.17	4.8	4.37	3.89
D	6	1509.6	-31.8	134.76	478000.82	6481573.74	244.93	191.73	117.02	120	127.92	54720.63	0	3.19	0.27	-119.14	-36.77	0	0	-120	-35	6.18	5.74	5.42	5.12	4.75	4.33	3.85
D	6	1509.8	-31.8	134.76	478000.52	6481586.51	245.2	192	117.45	120	127.76	54719.43	0	3.13	0.54	-119.09	-36.77	0	0	-120	-35	6.12	5.69	5.36	5.07	4.7	4.29	3.81
D	6	1510	-31.8	134.76	478000.22	6481599.27	245.46	192.26	117.71	120	127.75	54718.21	-0.01	3.06	0.82	-119.07	-36.76	0	0	-120	-35	6.06	5.64	5.31	5.03	4.66	4.25	3.78
D	6	1510.2	-31.8	134.76	477999.91	6481612.03	245.72	192.55	117.85	120	127.87	54716.99	-0.01	2.98	1.1	-119.05	-36.73	0	0	-120	-35	6.01	5.6	5.27	4.99	4.63	4.21	3.75
D	6	1510.4	-31.8	134.76	477999.61	6481624.79	245.96	192.88	117.85	120	128.11	54715.78	-0.01	2.89	1.34	-119.03	-36.71	0	0	-120	-35	5.97	5.56	5.24	4.95	4.59	4.19	3.72
D	6	1510.6	-31.8	134.76	477999.32	6481637.53	246.19	193.23	117.72	120	128.48	54714.61	-0.01	2.81	1.48	-119.03	-36.66	0	0	-120	-35	5.94	5.53	5.21	4.92	4.57	4.16	3.7
D	6	1510.8	-31.8	134.76	477999.03	6481650.28	246.41	193.54	117.5	120	128.91	54713.45	-0.01	2.71	1.62	-119.03	-36.62	0	0	-120	-35	5.92	5.49	5.19	4.9	4.55	4.14	3.68
D	6	1511	-31.8	134.76	477998.75	6481663.02	246.61	193.78	117.22	120	129.39	54712.32	-0.01	2.6	1.74	-119.03	-36.52	0	0	-120	-35	5.89	5.46	5.16	4.87	4.52	4.12	3.66
D	6	1511.2	-31.8	134.76	477998.49	6481675.75	246.78	193.95	116.97	120	129.81	54711.16	-0.01	2.48	1.83	-119.05	-36.46	0	0	-120	-35	5.87	5.43	5.14	4.85	4.5	4.1	3.64
D	6	1511.4	-31.8	134.76	477998.24	6481688.48	246.94	194.07	116.88	120	130.07	54709.98	-0.01	2.39	1.94	-119.07	-36.35	0	0	-120	-35	5.85	5.4	5.12	4.83	4.48	4.08	3.62
D	6	1511.6	-31.8	134.76	477998.01	6481701.21	247.09	194.18	117.01	120	130.08	54708.8	-0.01	2.34	2	-119.09	-36.2	0	0	-120	-35	5.82	5.37	5.09	4.8	4.46	4.06	3.6
D	6	1511.8	-31.79	134.76	477997.8	6481713.94	247.22	194.3	117.39	120	129.83	54707.65	-0.01	2.34	2.06	-119.15	-36.06	0	0	-120	-35	5.79	5.34	5.07	4.78	4.43	4.04	3.59
D	6	1512	-31.79	134.76	477997.6	6481726.66	247.35	194.45	118	120	129.35	54706.49	-0.01	2.33	2.2	-119.21	-35.93	0	0	-120	-35	5.76	5.32	5.04	4.76	4.41	4.02	3.57
D	6	1512.2	-31.79	134.76	477997.41	6481739.38	247.47	194.61	118.72	120	128.75	54705.29	-0.01	2.34	2.3	-119.26	-35.76	0	0	-120	-35	5.74	5.3	5.02	4.74	4.4	4	3.56
D	6	1512.4	-31.79	134.76	477997.25	6481752.09	247.58	194.77	119.45	120	128.13	54704.07	-0.01	2.35	2.22	-119.33	-35.62	0	0	-120	-35	5.72	5.28	5	4.72	4.38	3.99	3.55
D	6	1512.6	-31.79	134.76	477997.1	6481764.8	247.69	194.91	120.08	120	127.61	54702.86	-0.01	2.38	2.04	-119.41	-35.49	0	0	-120	-35	5.7	5.27	4.99	4.71	4.37	3.98	3.54
D	6	1512.8	-31.79	134.76	477996.97	6481777.51	247.79	195.03	120.53	120	127.25	54701.69	-0.01	2.39	1.89	-119.48	-35.36	0	0	-120	-35	5.69	5.26	4.98	4.7	4.36	3.98	3.53
D	6	1513	-31.79	134.76	477996.86	6481790.22	247.87	195.15	120.79	120	127.08	54700.58	-0.01	2.36	1.83	-119.57	-35.27	0	0	-120	-35	5.69	5.26	4.97	4.7	4.36	3.97	3.53
D	6	1513.2	-31.79	134.76	477996.77	6481802.93	247.94	195.27	120.81	120	127.13	54699.52	-0.01	2.32	1.88	-119.63	-35.2	0	0	-120	-35	5.68	5.25	4.97	4.69	4.35	3.96	3.52
D	6	1513.4	-31.79	134.76	477996.7	6481815.64	248	195.39	120.62	120	127.38	54698.47	-0.02	2.3	2.07	-119.68	-35.16	0	0	-120	-35	5.68	5.25	4.96	4.68	4.35	3.96	3.52
D	6	1513.6	-31.79	134.76	477996.65	6481828.34	248.05	195.47	120.25	120	127.81	54697.36	-0.02	2.29	2.34	-119.73	-35.11	0	0	-120	-35	5.67	5.24	4.96	4.68	4.34	3.95	3.51
D	6	1513.8	-31.79	134.76	477996.61	6481841.04	248.11	195.46	119.71	120	128.4	54696.21	-0.02	2.33	2.54	-119.8	-35.1	0	0	-120	-35	5.67	5.24	4.95	4.67	4.34	3.95	3.51
D	6	1514	-31.79	134.76	477996.6	6481853.74	248.17	195.4	119.12	120	129.05	54695.04	-0.02	2.33	2.55	-119.82	-35.08	0	0	-120	-35	5.66	5.23	4.94	4.67	4.33	3.95	3.51
D	6	1514.2	-31.79	134.76	477996.6	6481866.44	248.24	195.31	118.62	120	129.62	54693.91	-0.02	2.32	2.36	-119.87	-35.09	0	0	-120	-35	5.65	5.23	4.94	4.66	4.33	3.94	3.5
D	6	1514.4	-31.79	134.76	477996.61	6481879.14	248.32	195.23	118.33	120	130	54692.8	-0.02	2.33	2.03	-119.92	-35.1	0	0	-120	-35	5.64	5.22	4.93	4.66	4.33	3.94	3.5
D	6	1514.6	-31.79	134.76	477996.64	6481891.83	248.4	195.22	118.28	120	130.13	54691.69	-0.02	2.37	1.58	-119.95	-35.12	0	0	-120	-35	5.64	5.22	4.92	4.66	4.32	3.94	3.5
D	6	1514.8	-31.79	134.76	477996.67	6481904.52	248.48	195.26	118.37	120	130.12	54690.58	-0.02	2.41	1.04	-119.97	-35.16	0	0	-120	-35	5.63	5.22	4.92	4.65	4.32	3.94	3.5
D	6	1515	-31.79	134.76	477996.71	6481917.21	248.56	195.35	118.48	120	130.08	54689.52	-0.03	2.44	0.45	-119.98	-35.19	0	0	-120	-35	5.63	5.22	4.92	4.65	4.32	3.93	3.49
D	6	1515.2	-31.79	134.76	477996.74	6481929.89</																						

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1522.8	-31.79	134.76	477997.06	6482412.9	247.47	195.06	119.66	120	127.82	54661.19	-0.03	1.41	0.84	-120.04	-34.87	0	0	-120	-35	5.75	5.33	5.04	4.75	4.39	3.97	3.47
D	6	1523	-31.79	134.76	477997.02	6482425.67	247.36	194.81	119.14	120	128.22	54660.96	-0.03	1.43	0.89	-120.05	-34.82	0	0	-120	-35	5.76	5.34	5.05	4.76	4.4	3.98	3.47
D	6	1523.2	-31.79	134.76	477996.99	6482438.45	247.26	194.51	118.79	120	128.47	54660.85	-0.03	1.37	0.88	-120.03	-34.79	0	0	-120	-35	5.77	5.34	5.06	4.77	4.41	3.98	3.47
D	6	1523.4	-31.79	134.76	477996.97	6482451.22	247.17	194.22	118.57	120	128.6	54660.84	-0.02	1.28	0.88	-120	-34.76	0	0	-120	-35	5.78	5.35	5.06	4.77	4.41	3.98	3.47
D	6	1523.6	-31.79	134.76	477996.95	6482464.01	247.08	193.96	118.44	120	128.64	54660.84	-0.02	1.21	0.88	-119.99	-34.73	0	0	-120	-35	5.79	5.37	5.07	4.78	4.42	3.99	3.48
D	6	1523.8	-31.79	134.76	477996.94	6482476.79	246.99	193.72	118.27	120	128.71	54660.85	-0.02	1.18	0.82	-119.98	-34.71	0	0	-120	-35	5.81	5.39	5.09	4.8	4.44	4	3.48
D	6	1524	-31.79	134.76	477996.92	6482489.59	246.88	193.51	117.92	120	128.96	54660.92	-0.01	1.16	0.67	-119.99	-34.67	0	0	-120	-35	5.84	5.42	5.11	4.82	4.46	4.02	3.5
D	6	1524.2	-31.79	134.76	477996.9	6482502.39	246.76	193.36	117.33	120	129.43	54661.08	-0.01	1.15	0.49	-120.02	-34.66	0	0	-120	-35	5.88	5.45	5.14	4.85	4.49	4.04	3.51
D	6	1524.4	-31.79	134.76	477996.87	6482515.19	246.63	193.3	116.48	120	130.14	54661.33	-0.01	1.2	0.32	-120.04	-34.64	0	0	-120	-35	5.93	5.49	5.17	4.89	4.51	4.07	3.53
D	6	1524.6	-31.79	134.76	477996.84	6482528	246.49	193.32	115.47	120	131.02	54661.66	0	1.33	0.19	-120.09	-34.58	0	0	-120	-35	5.97	5.52	5.21	4.92	4.54	4.09	3.55
D	6	1524.8	-31.79	134.76	477996.82	6482540.81	246.37	193.38	114.39	120	131.97	54662.09	0.01	1.5	0.1	-120.15	-34.57	0	0	-120	-35	6.02	5.55	5.24	4.94	4.57	4.11	3.56
D	6	1525	-31.79	134.76	477996.8	6482553.62	246.26	193.42	113.34	120	132.92	54662.65	0.02	1.7	0.28	-120.19	-34.53	0	0	-120	-35	6.06	5.58	5.27	4.97	4.59	4.13	3.58
D	6	1525.2	-31.79	134.76	477996.79	6482566.44	246.17	193.39	112.39	120	133.78	54663.24	0.03	1.88	0.75	-120.27	-34.51	0	0	-120	-35	6.09	5.6	5.3	4.99	4.61	4.15	3.59
D	6	1525.4	-31.79	134.76	477996.78	6482579.26	246.1	193.32	111.58	120	134.52	54663.76	0.04	2.04	1.2	-120.31	-34.49	0	0	-120	-35	6.12	5.62	5.32	5	4.62	4.16	3.59
D	6	1525.6	-31.79	134.76	477996.79	6482592.08	246.05	193.23	110.95	120	135.1	54664.19	0.06	2.21	1.48	-120.34	-34.52	0	0	-120	-35	6.14	5.63	5.33	5.02	4.63	4.17	3.6
D	6	1525.8	-31.79	134.76	477996.8	6482604.89	246.03	193.14	110.51	120	135.52	54664.56	0.07	2.4	1.64	-120.38	-34.54	0	0	-120	-35	6.16	5.64	5.35	5.03	4.65	4.18	3.6
D	6	1526	-31.79	134.76	477996.83	6482617.71	246.04	193.11	110.29	120	135.75	54664.93	0.08	2.6	1.72	-120.39	-34.64	0	0	-120	-35	6.18	5.65	5.37	5.04	4.66	4.19	3.61
D	6	1526.2	-31.79	134.76	477996.86	6482630.52	246.09	193.11	110.28	120	135.81	54665.22	0.09	2.73	1.82	-120.37	-34.72	0	0	-120	-35	6.21	5.67	5.38	5.06	4.67	4.2	3.61
D	6	1526.4	-31.79	134.76	477996.91	6482643.33	246.17	193.14	110.43	120	135.74	54665.34	0.1	2.8	1.93	-120.34	-34.84	0	0	-120	-35	6.24	5.68	5.4	5.07	4.68	4.2	3.62
D	6	1526.6	-31.79	134.76	477996.96	6482656.14	246.28	193.22	110.69	120	135.59	54665.17	0.11	2.86	1.96	-120.3	-35.03	0	0	-120	-35	6.26	5.69	5.4	5.07	4.68	4.2	3.62
D	6	1526.8	-31.79	134.76	477997.02	6482668.94	246.41	193.33	111.03	120	135.39	54664.71	0.11	2.92	1.73	-120.25	-35.17	0	0	-120	-35	6.27	5.69	5.41	5.08	4.68	4.2	3.61
D	6	1527	-31.79	134.76	477997.1	6482681.74	246.56	193.53	111.43	120	135.13	54664.05	0.11	2.93	1.3	-120.19	-35.36	0	0	-120	-35	6.27	5.69	5.4	5.07	4.68	4.2	3.6
D	6	1527.2	-31.79	134.76	477997.18	6482694.54	246.72	193.79	111.91	120	134.81	54663.3	0.11	2.9	0.87	-120.1	-35.53	0	0	-120	-35	6.27	5.68	5.39	5.06	4.66	4.18	3.59
D	6	1527.4	-31.79	134.76	477997.27	6482707.33	246.9	193.99	112.48	120	134.42	54662.45	0.11	2.9	0.68	-119.99	-35.7	0	0	-120	-35	6.25	5.67	5.37	5.04	4.65	4.17	3.57
D	6	1527.6	-31.79	134.76	477997.36	6482720.12	247.09	194.12	113.04	120	134.04	54661.4	0.11	2.9	0.75	-119.91	-35.9	0	0	-120	-35	6.23	5.65	5.35	5.02	4.63	4.15	3.55
D	6	1527.8	-31.79	134.76	477997.47	6482732.9	247.28	194.15	113.47	120	133.8	54660.06	0.1	2.9	0.88	-119.79	-36.07	0	0	-120	-35	6.21	5.63	5.34	5	4.61	4.13	3.54
D	6	1528	-31.79	134.76	477997.57	6482745.67	247.47	194.17	113.66	120	133.82	54658.5	0.09	2.9	0.94	-119.69	-36.21	0	0	-120	-35	6.19	5.61	5.31	4.98	4.59	4.11	3.52
D	6	1528.2	-31.79	134.76	477997.68	6482758.44	247.66	194.3	113.54	120	134.12	54656.84	0.08	2.89	1.01	-119.6	-36.35	0	0	-120	-35	6.16	5.58	5.29	4.96	4.57	4.09	3.5
D	6	1528.4	-31.79	134.76	477997.8	6482771.19	247.85	194.56	113.18	120	134.66	54655.16	0.07	2.9	1.11	-119.51	-36.48	0	0	-120	-35	6.14	5.56	5.27	4.93	4.54	4.06	3.48
D	6	1528.6	-31.79	134.76	477997.93	6482783.94	248.04	194.91	112.72	120	135.32	54653.43	0.06	2.92	1.2	-119.45	-36.58	0	0	-120	-35	6.1	5.53	5.24	4.9	4.51	4.04	3.46
D	6	1528.8	-31.79	134.76	477998.06	6482796.68	248.24	195.27	112.28	120	135.96	54651.67	0.05	2.94	1.3	-119.38	-36.68	0	0	-120	-35	6.06	5.49	5.2	4.87	4.48	4.01	3.43
D	6	1529	-31.79	134.76	477998.2	6482809.42	248.46	195.59	111.96	120	136.5	54649.89	0.04	2.95	1.46	-119.35	-36.76	0	0	-120	-35	6.02	5.45	5.16	4.83	4.44	3.97	3.4
D	6	1529.2	-31.78	134.76	477998.35	6482822.15	248.7	195.85	111.83	120	136.88	54648.09	0.04	2.97	1.65	-119.31	-36.83	0	0	-120	-35	5.97	5.4	5.12	4.79	4.4	3.93	3.37
D	6	1529.4	-31.78	134.76	477998.52	6482834.88	248.95	196.1	111.83	120	137.13	54646.26	0.03	2.98	1.8	-119.24	-36.88	0	0	-120	-35	5.92	5.36	5.07	4.75	4.36	3.9	3.34
D	6	1529.6	-31.78	134.76	477998.7	6482847.6	249.22	196.38	111.89	120	137.32	54644.42	0.02	2.97	1.86	-119.23	-36.97	0	0	-120	-35	5.88	5.32	5.02	4.71	4.33	3.86	3.31
D	6	1529.8	-31.78	134.76	477998.89	6482860.31	249.49	196.66	111.98	120	137.51	54642.6	0.01	2.93	1.93	-119.18	-37.05	0	0	-120	-35	5.84	5.29	4.98	4.67	4.29	3.83	3.29
D	6	1530	-31.78	134.76	477999.1	6482873.02	249.75	196.93	112.02	120	137.73	54640.84	0.01	2.91	2.03	-119.13	-37.12	0	0	-120	-35	5.81	5.26	4.95	4.64	4.26	3.8	3.27
D	6	1530.2	-31.78	134.76	477999.32	6482885.72	250.02	197.18	112.06	120	137.96	54639.15	0.01	2.89	2.07	-119.11	-37.22	0	0	-120	-35	5.79	5.24	4.92	4.61	4.23	3.78	3.25
D	6	1530.4	-31.78	134.76	477999.57	6482898.41	250.28	197.38	112.15	120	138.13	54637.5	0	2.82	2.08	-119.06	-37.28	0	0	-120	-35	5.76	5.21	4.89	4.58	4.2	3.75	3.22
D	6	1530.6	-31.78	134.76	477999.83	6482911.1	250.54	197.54	112.32	120	138.22	54635.86	0	2.74	2.01	-119.02	-37.34	0	0	-120	-35	5.74	5.18	4.85	4.55	4.17	3.72	3.2
D	6	1530.8	-31.78	134.76	478000.1	6482923.78	250.78	197.65	112.56	120	138.22	54634.22	-0.01	2.65	1.77	-119	-37.34	0	0	-120	-35	5.71	5.14	4.82	4.52	4.14	3.69	3.17
D	6	1531	-31.78	134.76	478000.38	6482936.46	251.01	197.72	112.77	120	138.24	54632.58	-0.01	2.55	1.44	-118.99	-37.33	0	0	-120	-35	5.68	5.1	4.78	4.48	4.1	3.66	3.15
D	6	1531.2	-31.78	134.76	478000.67	6482949.13	251.23	197.78	112.88	120	138.36	54630.98	-0.01	2.42	1.07	-118.99	-37.3	0	0	-120	-35	5.64	5.05	4.74	4.44	4.07	3.63	3.12
D	6	1531.4	-31.78	134.76	478000.96	6482961.8	251.44	197.85	112.77	120	138.67	54629.43	-0.01	2.3	0.58	-119	-37.18	0	0	-120	-35	5.61	5	4.7	4.4	4.03	3.59	3.09

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1539.2	-31.78	134.76	478008.4	6483457.2	253.02	199.47	103.09	120	149.92	54581.43	-0.04	1.66	-0.12	-120.49	-33.94	0	0	-120	-35	5.8	4.85	4.51	4.21	3.84	3.43	2.96
D	6	1539.4	-31.78	134.76	478008.52	6483469.99	252.96	199.35	103.6	120	149.35	54580.12	-0.04	1.68	-0.19	-120.57	-33.88	0	0	-120	-35	5.83	4.88	4.53	4.23	3.86	3.44	2.97
D	6	1539.6	-31.78	134.76	478008.63	6483482.78	252.9	199.29	104.25	120	148.65	54578.85	-0.04	1.72	-0.28	-120.6	-33.86	0	0	-120	-35	5.88	4.9	4.55	4.25	3.88	3.45	2.98
D	6	1539.8	-31.78	134.76	478008.74	6483495.57	252.84	199.27	104.91	120	147.94	54577.65	-0.04	1.75	-0.39	-120.63	-33.84	0	0	-120	-35	5.93	4.94	4.58	4.27	3.9	3.47	2.99
D	6	1540	-31.78	134.76	478008.84	6483508.36	252.78	199.26	105.59	120	147.19	54576.52	-0.04	1.78	-0.48	-120.64	-33.84	0	0	-120	-35	5.97	4.96	4.6	4.29	3.91	3.48	3.01
D	6	1540.2	-31.78	134.76	478008.93	6483521.15	252.72	199.27	106.33	120	146.39	54575.45	-0.04	1.81	-0.59	-120.65	-33.85	0	0	-120	-35	5.99	4.98	4.62	4.31	3.93	3.49	3.01
D	6	1540.4	-31.78	134.76	478009.02	6483533.94	252.65	199.27	107.16	120	145.5	54574.39	-0.04	1.82	-0.65	-120.66	-33.9	0	0	-120	-35	5.99	4.99	4.62	4.31	3.93	3.5	3.02
D	6	1540.6	-31.78	134.76	478009.1	6483546.73	252.59	199.31	108.03	120	144.56	54573.33	-0.04	1.82	-0.66	-120.67	-33.96	0	0	-120	-35	5.97	4.98	4.62	4.31	3.93	3.5	3.02
D	6	1540.8	-31.78	134.76	478009.17	6483559.51	252.52	199.29	108.84	120	143.68	54572.25	-0.04	1.83	-0.61	-120.64	-34	0	0	-120	-35	5.94	4.96	4.61	4.3	3.93	3.49	3.02
D	6	1541	-31.78	134.76	478009.24	6483572.3	252.46	199.22	109.47	120	142.99	54571.18	-0.05	1.85	-0.58	-120.63	-34.08	0	0	-120	-35	5.9	4.95	4.6	4.29	3.92	3.49	3.02
D	6	1541.2	-31.78	134.76	478009.3	6483585.09	252.4	199.12	109.87	120	142.53	54570.15	-0.05	1.85	-0.62	-120.61	-34.17	0	0	-120	-35	5.86	4.93	4.59	4.28	3.91	3.48	3.01
D	6	1541.4	-31.78	134.76	478009.36	6483597.88	252.34	198.95	110.07	120	142.27	54569.14	-0.05	1.84	-0.64	-120.58	-34.27	0	0	-120	-35	5.82	4.92	4.59	4.28	3.91	3.48	3.01
D	6	1541.6	-31.78	134.76	478009.41	6483610.66	252.29	198.83	110.18	120	142.11	54568.12	-0.05	1.84	-0.63	-120.56	-34.41	0	0	-120	-35	5.8	4.91	4.59	4.28	3.91	3.49	3.02
D	6	1541.8	-31.78	134.76	478009.47	6483623.44	252.25	198.76	110.32	120	141.92	54567.1	-0.05	1.88	-0.67	-120.5	-34.54	0	0	-120	-35	5.78	4.92	4.6	4.29	3.93	3.5	3.03
D	6	1542	-31.78	134.76	478009.52	6483636.22	252.21	198.79	110.57	120	141.64	54566.16	-0.05	1.96	-0.73	-120.46	-34.7	0	0	-120	-35	5.78	4.94	4.62	4.31	3.94	3.51	3.04
D	6	1542.2	-31.78	134.76	478009.57	6483649	252.17	198.95	110.88	120	141.29	54565.3	-0.05	2.04	-0.61	-120.4	-34.83	0	0	-120	-35	5.77	4.96	4.64	4.33	3.95	3.52	3.05
D	6	1542.4	-31.78	134.76	478009.62	6483661.77	252.15	199.11	111.18	120	140.97	54564.48	-0.05	2.14	-0.29	-120.36	-35	0	0	-120	-35	5.77	4.97	4.65	4.34	3.97	3.53	3.06
D	6	1542.6	-31.78	134.76	478009.67	6483674.55	252.14	199.24	111.4	120	140.74	54563.69	-0.05	2.21	0.1	-120.32	-35.16	0	0	-120	-35	5.76	4.98	4.66	4.35	3.97	3.54	3.07
D	6	1542.8	-31.78	134.76	478009.74	6483687.31	252.15	199.3	111.5	120	140.65	54562.93	-0.05	2.25	0.52	-120.25	-35.29	0	0	-120	-35	5.74	4.99	4.66	4.36	3.98	3.55	3.08
D	6	1543	-31.78	134.76	478009.81	6483700.08	252.19	199.19	111.54	120	140.65	54562.21	-0.04	2.34	0.99	-120.19	-35.42	0	0	-120	-35	5.72	4.99	4.66	4.36	3.98	3.55	3.08
D	6	1543.2	-31.78	134.76	478009.89	6483712.84	252.25	199.03	111.58	120	140.67	54561.48	-0.04	2.47	1.46	-120.17	-35.56	0	0	-120	-35	5.7	4.98	4.66	4.35	3.97	3.55	3.07
D	6	1543.4	-31.78	134.76	478009.98	6483725.59	252.34	198.86	111.63	120	140.72	54560.69	-0.04	2.59	1.77	-120.11	-35.69	0	0	-120	-35	5.69	4.98	4.65	4.35	3.97	3.54	3.07
D	6	1543.6	-31.78	134.76	478010.07	6483738.35	252.46	198.74	111.68	120	140.78	54559.87	-0.04	2.7	1.74	-120.03	-35.83	0	0	-120	-35	5.69	4.98	4.65	4.35	3.97	3.54	3.07
D	6	1543.8	-31.78	134.76	478010.17	6483751.09	252.59	198.72	111.73	120	140.86	54559.09	-0.04	2.81	1.36	-119.97	-36	0	0	-120	-35	5.69	4.97	4.64	4.35	3.96	3.54	3.07
D	6	1544	-31.78	134.76	478010.25	6483763.84	252.74	198.8	111.76	120	140.98	54558.37	-0.04	2.87	0.83	-119.89	-36.18	0	0	-120	-35	5.7	4.97	4.64	4.34	3.96	3.53	3.06
D	6	1544.2	-31.78	134.76	478010.33	6483776.57	252.91	198.88	111.77	120	141.14	54557.69	-0.04	2.9	0.29	-119.8	-36.32	0	0	-120	-35	5.71	4.96	4.63	4.33	3.95	3.52	3.05
D	6	1544.4	-31.78	134.76	478010.39	6483789.3	253.09	198.97	111.73	120	141.35	54557.03	-0.04	2.9	-0.22	-119.72	-36.49	0	0	-120	-35	5.71	4.95	4.62	4.32	3.93	3.51	3.04
D	6	1544.6	-31.78	134.76	478010.44	6483802.02	253.27	199.09	111.63	120	141.65	54556.38	-0.04	2.87	-0.77	-119.63	-36.62	0	0	-120	-35	5.7	4.93	4.61	4.3	3.91	3.49	3.02
D	6	1544.8	-31.78	134.76	478010.47	6483814.73	253.46	199.23	111.48	120	141.97	54555.75	-0.04	2.83	-1.26	-119.55	-36.75	0	0	-120	-35	5.68	4.91	4.58	4.27	3.89	3.46	2.99
D	6	1545	-31.78	134.76	478010.48	6483827.44	253.63	199.43	111.39	120	142.25	54555.13	-0.03	2.78	-1.56	-119.48	-36.85	0	0	-120	-35	5.66	4.88	4.56	4.24	3.86	3.43	2.97
D	6	1545.2	-31.78	134.76	478010.46	6483840.14	253.8	199.68	111.48	120	142.32	54554.52	-0.03	2.74	-1.68	-119.44	-36.93	0	0	-120	-35	5.63	4.85	4.53	4.21	3.83	3.41	2.94
D	6	1545.4	-31.78	134.76	478010.42	6483852.84	253.95	199.87	111.86	120	142.09	54553.9	-0.03	2.7	-1.6	-119.4	-36.95	0	0	-120	-35	5.6	4.81	4.5	4.18	3.8	3.38	2.92
D	6	1545.6	-31.78	134.76	478010.35	6483865.54	254.09	200.03	112.53	120	141.56	54553.24	-0.03	2.65	-1.51	-119.39	-36.96	0	0	-120	-35	5.58	4.79	4.48	4.15	3.78	3.35	2.89
D	6	1545.8	-31.78	134.76	478010.26	6483878.22	254.23	200.18	113.45	120	140.78	54552.54	-0.03	2.6	-1.53	-119.38	-37	0	0	-120	-35	5.56	4.76	4.46	4.13	3.75	3.33	2.87
D	6	1546	-31.78	134.76	478010.14	6483890.91	254.36	200.35	114.5	120	139.86	54551.85	-0.03	2.55	-1.55	-119.39	-36.97	0	0	-120	-35	5.54	4.74	4.43	4.11	3.73	3.31	2.85
D	6	1546.2	-31.78	134.76	478010	6483903.59	254.5	200.6	115.56	120	138.94	54551.21	-0.03	2.51	-1.51	-119.4	-36.94	0	0	-120	-35	5.51	4.71	4.41	4.08	3.71	3.29	2.83
D	6	1546.4	-31.78	134.76	478009.84	6483916.27	254.64	200.88	116.5	120	138.14	54550.6	-0.03	2.45	-1.37	-119.42	-36.9	0	0	-120	-35	5.49	4.69	4.39	4.06	3.69	3.27	2.81
D	6	1546.6	-31.77	134.76	478009.67	6483928.94	254.77	201.14	117.22	120	137.54	54549.97	-0.03	2.38	-1.17	-119.46	-36.84	0	0	-120	-35	5.46	4.67	4.37	4.04	3.67	3.26	2.8
D	6	1546.8	-31.77	134.76	478009.48	6483941.61	254.88	201.32	117.68	120	137.2	54549.29	-0.03	2.31	-0.91	-119.51	-36.77	0	0	-120	-35	5.43	4.64	4.34	4.02	3.65	3.24	2.78
D	6	1547	-31.77	134.76	478009.28	6483954.27	254.98	201.43	117.92	120	137.06	54548.57	-0.03	2.24	-0.7	-119.56	-36.69	0	0	-120	-35	5.39	4.62	4.32	4	3.63	3.22	2.76
D	6	1547.2	-31.77	134.76	478009.08	6483966.92	255.06	201.51	118.04	120	137.02	54547.85	-0.03	2.16	-0.51	-119.63	-36.6	0	0	-120	-35	5.35	4.6	4.3	3.98	3.61	3.2	2.74
D	6	1547.4	-31.77	134.76	478008.87	6483979.58	255.12	201.62	118.12	120	137	54547.2	-0.03	2.09	-0.33	-119.7	-36.49	0	0	-120	-35	5.32	4.58	4.28	3.96	3.6	3.19	2.72
D	6	1547.6	-31.77	134.76	478008.66	6483992.23	255.16	201.8	118.18	120	136.98	54546.57	-0.03	2.02	-0.14	-119.73	-36.37	0	0	-120	-35	5.28	4.56	4.27	3.95	3.58	3.17	2.71
D	6	1547.8	-31.77	134.76	478008.45	6484004.87	255.19	202.02	118.16	120	137.04	54545.89	-0.03	1.94	0.05	-119.79	-36.28	0	0	-120	-35	5.25	4.54	4.25	3.94</			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1555.6	-31.77	134.76	478001.32	6484499.63	250.68	197.08	119.58	120	131.11	54520.31	-0.03	1.41	-0.28	-120.02	-35.58	0	0	-120	-35	5.86	5.18	4.81	4.42	3.96	3.41	2.76
D	6	1555.8	-31.77	134.76	478001.15	6484512.35	250.58	197.06	119.55	120	131.03	54519.67	-0.03	1.42	-0.39	-119.99	-35.61	0	0	-120	-35	5.88	5.19	4.81	4.43	3.96	3.41	2.76
D	6	1556	-31.77	134.76	478000.98	6484525.07	250.48	197.04	119.31	120	131.17	54519.02	-0.03	1.42	-0.46	-119.96	-35.64	0	0	-120	-35	5.89	5.19	4.82	4.43	3.97	3.42	2.76
D	6	1556.2	-31.77	134.76	478000.81	6484537.79	250.38	196.99	118.77	120	131.61	54518.34	-0.03	1.42	-0.46	-119.93	-35.63	0	0	-120	-35	5.9	5.21	4.83	4.44	3.97	3.42	2.76
D	6	1556.4	-31.77	134.76	478000.63	6484550.51	250.28	196.92	117.88	120	132.4	54517.66	-0.03	1.4	-0.44	-119.91	-35.62	0	0	-120	-35	5.92	5.22	4.84	4.45	3.98	3.42	2.76
D	6	1556.6	-31.77	134.76	478000.45	6484563.24	250.18	196.89	116.66	120	133.52	54517.03	-0.03	1.39	-0.4	-119.88	-35.57	0	0	-120	-35	5.94	5.23	4.85	4.46	3.99	3.43	2.76
D	6	1556.8	-31.77	134.76	478000.27	6484575.96	250.08	196.89	115.17	120	134.91	54516.42	-0.03	1.4	-0.33	-119.87	-35.5	0	0	-120	-35	5.96	5.25	4.87	4.47	3.99	3.43	2.76
D	6	1557	-31.77	134.76	478000.1	6484588.69	249.98	196.92	113.52	120	136.46	54515.81	-0.03	1.42	-0.21	-119.88	-35.46	0	0	-120	-35	5.98	5.27	4.88	4.49	4	3.44	2.76
D	6	1557.2	-31.77	134.76	477999.93	6484601.42	249.87	196.96	111.8	120	138.07	54515.18	-0.03	1.46	-0.04	-119.89	-35.38	0	0	-120	-35	6	5.29	4.9	4.5	4.01	3.44	2.76
D	6	1557.4	-31.77	134.76	477999.77	6484614.15	249.77	196.92	110.12	120	139.65	54514.55	-0.03	1.53	0.17	-119.89	-35.31	0	0	-120	-35	6.03	5.31	4.92	4.52	4.03	3.45	2.76
D	6	1557.6	-31.77	134.76	477999.61	6484626.88	249.66	196.77	108.53	120	141.13	54513.89	-0.03	1.6	0.39	-119.94	-35.24	0	0	-120	-35	6.06	5.33	4.94	4.54	4.04	3.46	2.77
D	6	1557.8	-31.77	134.76	477999.45	6484639.61	249.57	196.54	107.15	120	142.41	54513.23	-0.03	1.67	0.57	-119.96	-35.2	0	0	-120	-35	6.1	5.36	4.96	4.56	4.06	3.47	2.77
D	6	1558	-31.77	134.76	477999.3	6484652.34	249.47	196.29	106.06	120	143.42	54512.58	-0.03	1.73	0.69	-120.01	-35.14	0	0	-120	-35	6.15	5.38	4.99	4.58	4.08	3.48	2.78
D	6	1558.2	-31.77	134.76	477999.16	6484665.06	249.39	196.13	105.33	120	144.06	54511.96	-0.03	1.78	0.74	-120.03	-35.09	0	0	-120	-35	6.2	5.41	5.02	4.61	4.1	3.5	2.79
D	6	1558.4	-31.77	134.76	477999.02	6484677.79	249.31	196.09	105.03	120	144.28	54511.36	-0.03	1.84	0.72	-120.04	-35.07	0	0	-120	-35	6.26	5.45	5.05	4.63	4.12	3.52	2.8
D	6	1558.6	-31.77	134.76	477998.88	6484690.51	249.24	196.15	105.2	120	144.04	54510.77	-0.03	1.88	0.66	-120.1	-35.03	0	0	-120	-35	6.32	5.48	5.08	4.66	4.14	3.53	2.81
D	6	1558.8	-31.77	134.76	477998.75	6484703.23	249.19	196.25	105.81	120	143.37	54510.2	-0.03	1.94	0.61	-120.13	-35.03	0	0	-120	-35	6.38	5.51	5.11	4.68	4.16	3.55	2.82
D	6	1559	-31.77	134.76	477998.63	6484715.95	249.14	196.3	106.8	120	142.34	54509.64	-0.03	2.01	0.54	-120.14	-35.04	0	0	-120	-35	6.43	5.54	5.13	4.71	4.18	3.56	2.83
D	6	1559.2	-31.77	134.76	477998.52	6484728.66	249.11	196.34	108	120	141.11	54509.08	-0.03	2.03	0.46	-120.16	-35.03	0	0	-120	-35	6.47	5.57	5.16	4.72	4.19	3.57	2.83
D	6	1559.4	-31.77	134.76	477998.41	6484741.37	249.09	196.36	109.24	120	139.85	54508.49	-0.03	2.02	0.38	-120.17	-35.04	0	0	-120	-35	6.5	5.59	5.17	4.73	4.2	3.58	2.83
D	6	1559.6	-31.77	134.76	477998.32	6484754.08	249.09	196.38	110.39	120	138.7	54507.89	-0.03	2.03	0.29	-120.18	-35.05	0	0	-120	-35	6.52	5.6	5.17	4.73	4.2	3.58	2.83
D	6	1559.8	-31.77	134.76	477998.23	6484766.79	249.08	196.41	111.35	120	137.73	54507.31	-0.03	2.04	0.28	-120.19	-35.05	0	0	-120	-35	6.52	5.6	5.17	4.73	4.2	3.57	2.82
D	6	1560	-31.77	134.76	477998.16	6484779.49	249.08	196.4	112.12	120	136.96	54506.77	-0.03	2.05	0.35	-120.21	-35.05	0	0	-120	-35	6.52	5.6	5.16	4.72	4.19	3.56	2.81
D	6	1560.2	-31.77	134.76	477998.1	6484792.19	249.08	196.37	112.71	120	136.36	54506.23	-0.03	2.05	0.45	-120.22	-35.1	0	0	-120	-35	6.51	5.59	5.16	4.72	4.18	3.55	2.8
D	6	1560.4	-31.77	134.76	477998.05	6484804.89	249.07	196.33	113.1	120	135.97	54505.65	-0.03	2.04	0.49	-120.21	-35.11	0	0	-120	-35	6.5	5.59	5.15	4.71	4.18	3.54	2.79
D	6	1560.6	-31.77	134.76	477998.02	6484817.58	249.07	196.29	113.31	120	135.76	54505.03	-0.03	2.05	0.43	-120.21	-35.12	0	0	-120	-35	6.49	5.59	5.15	4.71	4.17	3.54	2.78
D	6	1560.8	-31.77	134.76	477997.99	6484830.27	249.07	196.25	113.37	120	135.7	54504.45	-0.03	2.05	0.35	-120.19	-35.14	0	0	-120	-35	6.49	5.59	5.15	4.71	4.17	3.53	2.77
D	6	1561	-31.77	134.76	477997.98	6484842.95	249.07	196.18	113.37	120	135.7	54503.94	-0.03	2.06	0.35	-120.19	-35.2	0	0	-120	-35	6.48	5.59	5.15	4.71	4.17	3.53	2.77
D	6	1561.2	-31.77	134.76	477997.97	6484855.64	249.08	196.07	113.41	120	135.68	54503.48	-0.03	2.06	0.43	-120.14	-35.24	0	0	-120	-35	6.46	5.6	5.15	4.72	4.17	3.53	2.76
D	6	1561.4	-31.77	134.76	477997.98	6484868.31	249.09	195.95	113.53	120	135.56	54502.99	-0.03	2.03	0.51	-120.12	-35.26	0	0	-120	-35	6.44	5.6	5.15	4.71	4.17	3.52	2.75
D	6	1561.6	-31.77	134.76	477997.99	6484880.99	249.1	195.84	113.79	120	135.31	54502.45	-0.03	2	0.51	-120.08	-35.29	0	0	-120	-35	6.42	5.6	5.14	4.71	4.16	3.51	2.74
D	6	1561.8	-31.77	134.76	477998.02	6484893.66	249.1	195.77	114.21	120	134.89	54501.88	-0.02	1.99	0.45	-120.06	-35.36	0	0	-120	-35	6.39	5.6	5.13	4.7	4.15	3.5	2.72
D	6	1562	-31.77	134.76	477998.04	6484906.32	249.1	195.72	114.77	120	134.33	54501.34	-0.02	1.98	0.41	-120.04	-35.38	0	0	-120	-35	6.37	5.59	5.12	4.69	4.14	3.48	2.71
D	6	1562.2	-31.77	134.76	477998.07	6484918.98	249.08	195.7	115.4	120	133.68	54500.84	-0.02	1.95	0.42	-120	-35.41	0	0	-120	-35	6.36	5.59	5.11	4.68	4.13	3.47	2.69
D	6	1562.4	-31.77	134.76	477998.1	6484931.64	249.05	195.71	115.99	120	133.06	54500.36	-0.02	1.92	0.39	-119.98	-35.43	0	0	-120	-35	6.36	5.58	5.11	4.68	4.12	3.45	2.68
D	6	1562.6	-31.77	134.76	477998.14	6484944.29	249.01	195.73	116.4	120	132.62	54499.87	-0.02	1.93	0.33	-119.98	-35.43	0	0	-120	-35	6.37	5.58	5.12	4.68	4.11	3.44	2.66
D	6	1562.8	-31.77	134.76	477998.18	6484956.94	248.98	195.76	116.5	120	132.48	54499.35	-0.02	1.95	0.21	-119.96	-35.45	0	0	-120	-35	6.4	5.58	5.12	4.68	4.11	3.44	2.65
D	6	1563	-31.77	134.76	477998.22	6484969.59	248.95	195.73	116.26	120	132.69	54498.78	-0.02	1.96	0.01	-119.96	-35.45	0	0	-120	-35	6.42	5.58	5.13	4.68	4.11	3.43	2.64
D	6	1563.2	-31.77	134.76	477998.26	6484982.25	248.92	195.64	115.7	120	133.22	54498.2	-0.02	1.94	-0.23	-119.96	-35.45	0	0	-120	-35	6.45	5.58	5.15	4.68	4.1	3.42	2.62
D	6	1563.4	-31.77	134.76	477998.3	6484994.9	248.9	195.5	114.9	120	134	54497.67	-0.02	1.91	-0.41	-119.96	-35.45	0	0	-120	-35	6.47	5.58	5.15	4.68	4.1	3.41	2.61
D	6	1563.6	-31.77	134.76	477998.34	6485007.55	248.88	195.3	113.97	120	134.91	54497.2	-0.02	1.88	-0.47	-119.96	-35.45	0	0	-120	-35	6.5	5.59	5.16	4.68	4.1	3.4	2.6
D	6	1563.8	-31.77	134.76	477998.37	6485020.2	248.86	195.1	112.99	120	135.87	54496.76	-0.02	1.85	-0.43	-119.98	-35.43	0	0	-120	-35	6.51	5.6	5.17	4.68	4.1	3.4	2.59
D	6	1564	-31.77	134.76	477998.4	6485032.84	248.83	194.92	111.99	120	136.84	54496.26	-0.02	1.85	-0.38	-120	-35.42	0	0	-120	-35	6.54	5.62	5.18	4.69	4.1	3.39	2.58
D	6	1564.2	-31.76	134.76	477998.41	6485045.49	248.79	194.8	110.96	120	137.83	54495.69	-0.02	1.88	-0.4	-120.04	-35.39	0	0	-120	-35	6.56	5.64	5.19	4.7	4.1		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1572	-31.76	134.76	477995.02	6485535.9	249.4	196.68	106.94	120	142.46	54471.05	-0.05	2.89	0.01	-119.68	-36.49	0	0	-120	-35	7.53	6.05	5.29	4.5	3.55	2.54	1.6
D	6	1572.2	-31.76	134.76	477995.01	6485548.38	249.49	196.78	106.22	120	143.27	54470.76	-0.05	2.91	0.19	-119.68	-36.5	0	0	-120	-35	7.55	6.04	5.28	4.47	3.52	2.51	1.58
D	6	1572.4	-31.76	134.76	477995	6485560.85	249.6	196.92	105.24	120	144.35	54470.49	-0.05	2.86	0.33	-119.68	-36.5	0	0	-120	-35	7.56	6.03	5.25	4.44	3.48	2.48	1.55
D	6	1572.6	-31.76	134.76	477995	6485573.32	249.71	197.03	104.04	120	145.67	54470.24	-0.05	2.77	0.37	-119.66	-36.52	0	0	-120	-35	7.57	6.01	5.22	4.41	3.45	2.44	1.52
D	6	1572.8	-31.76	134.76	477995.01	6485585.79	249.82	197.18	102.73	120	147.09	54470	-0.05	2.67	0.34	-119.64	-36.54	0	0	-120	-35	7.57	5.98	5.2	4.38	3.41	2.41	1.5
D	6	1573	-31.76	134.76	477995.04	6485598.24	249.92	197.35	101.56	120	148.37	54469.77	-0.04	2.6	0.3	-119.6	-36.53	0	0	-120	-35	7.57	5.96	5.17	4.35	3.39	2.39	1.48
D	6	1573.2	-31.76	134.76	477995.08	6485610.69	250.02	197.49	100.79	120	149.23	54469.58	-0.04	2.56	0.27	-119.55	-36.56	0	0	-120	-35	7.57	5.95	5.14	4.32	3.36	2.37	1.47
D	6	1573.4	-31.76	134.76	477995.13	6485623.14	250.1	197.66	100.65	120	149.46	54469.43	-0.04	2.53	0.26	-119.53	-36.58	0	0	-120	-35	7.57	5.94	5.12	4.3	3.34	2.35	1.46
D	6	1573.6	-31.76	134.76	477995.19	6485635.58	250.18	197.82	101.18	120	149	54469.31	-0.04	2.52	0.22	-119.53	-36.63	0	0	-120	-35	7.58	5.93	5.11	4.28	3.33	2.35	1.46
D	6	1573.8	-31.76	134.76	477995.26	6485648.01	250.25	197.92	102.24	120	148.01	54469.18	-0.03	2.52	0.17	-119.51	-36.64	0	0	-120	-35	7.58	5.93	5.09	4.27	3.32	2.34	1.46
D	6	1574	-31.76	134.76	477995.35	6485660.45	250.32	198.01	103.59	120	146.74	54469.06	-0.03	2.5	0.08	-119.49	-36.66	0	0	-120	-35	7.58	5.92	5.08	4.26	3.32	2.35	1.46
D	6	1574.2	-31.76	134.76	477995.44	6485672.88	250.39	198.06	104.93	120	145.46	54468.94	-0.03	2.49	-0.01	-119.49	-36.7	0	0	-120	-35	7.58	5.92	5.07	4.26	3.32	2.35	1.47
D	6	1574.4	-31.76	134.76	477995.54	6485685.32	250.45	198.11	106.09	120	144.35	54468.83	-0.03	2.48	-0.08	-119.49	-36.7	0	0	-120	-35	7.58	5.92	5.06	4.26	3.33	2.37	1.49
D	6	1574.6	-31.76	134.76	477995.66	6485697.75	250.5	198.2	107.01	120	143.49	54468.71	-0.02	2.49	-0.14	-119.49	-36.74	0	0	-120	-35	7.58	5.92	5.06	4.26	3.34	2.39	1.52
D	6	1574.8	-31.76	134.76	477995.78	6485710.18	250.56	198.32	107.69	120	142.87	54468.59	-0.02	2.5	-0.16	-119.5	-36.74	0	0	-120	-35	7.58	5.91	5.06	4.27	3.36	2.42	1.55
D	6	1575	-31.76	134.76	477995.91	6485722.62	250.6	198.44	108.17	120	142.44	54468.46	-0.02	2.51	-0.16	-119.52	-36.72	0	0	-120	-35	7.57	5.91	5.07	4.29	3.39	2.47	1.59
D	6	1575.2	-31.76	134.76	477996.06	6485735.06	250.65	198.55	108.52	120	142.13	54468.32	-0.01	2.49	-0.16	-119.54	-36.74	0	0	-120	-35	7.55	5.9	5.07	4.3	3.43	2.51	1.64
D	6	1575.4	-31.76	134.76	477996.21	6485747.49	250.7	198.56	108.75	120	141.94	54468.16	-0.01	2.47	-0.16	-119.56	-36.72	0	0	-120	-35	7.51	5.87	5.07	4.31	3.46	2.56	1.7
D	6	1575.6	-31.76	134.76	477996.37	6485759.93	250.74	198.51	108.9	120	141.84	54467.96	-0.01	2.46	-0.16	-119.59	-36.69	0	0	-120	-35	7.45	5.83	5.05	4.32	3.49	2.61	1.75
D	6	1575.8	-31.76	134.76	477996.54	6485772.37	250.78	198.41	108.96	120	141.82	54467.74	-0.01	2.43	-0.14	-119.61	-36.67	0	0	-120	-35	7.37	5.79	5.03	4.31	3.52	2.66	1.81
D	6	1576	-31.76	134.76	477996.72	6485784.81	250.82	198.32	108.9	120	141.92	54467.51	-0.01	2.4	-0.14	-119.64	-36.64	0	0	-120	-35	7.28	5.73	5	4.31	3.54	2.71	1.87
D	6	1576.2	-31.76	134.76	477996.9	6485797.25	250.86	198.25	108.77	120	142.09	54467.26	-0.01	2.36	-0.19	-119.66	-36.61	0	0	-120	-35	7.19	5.68	4.97	4.3	3.57	2.76	1.93
D	6	1576.4	-31.76	134.76	477997.09	6485809.69	250.91	198.16	108.56	120	142.34	54466.96	-0.01	2.34	-0.1	-119.69	-36.59	0	0	-120	-35	7.13	5.64	4.95	4.31	3.6	2.82	1.99
D	6	1576.6	-31.76	134.76	477997.28	6485822.13	250.95	198.09	108.29	120	142.66	54466.58	-0.01	2.33	0.02	-119.71	-36.56	0	0	-120	-35	7.09	5.61	4.94	4.32	3.64	2.88	2.06
D	6	1576.8	-31.76	134.76	477997.48	6485834.57	250.99	198.05	107.97	120	143.02	54466.11	-0.01	2.29	0.11	-119.72	-36.55	0	0	-120	-35	7.09	5.61	4.95	4.35	3.7	2.96	2.14
D	6	1577	-31.76	134.76	477997.69	6485847.01	251.04	198.06	107.58	120	143.47	54465.59	-0.01	2.23	0.2	-119.74	-36.52	0	0	-120	-35	7.12	5.63	4.99	4.4	3.77	3.04	2.22
D	6	1577.2	-31.76	134.76	477997.89	6485859.45	251.1	198.11	107.09	120	144.01	54465.01	-0.01	2.2	0.26	-119.75	-36.51	0	0	-120	-35	7.17	5.67	5.04	4.46	3.84	3.13	2.31
D	6	1577.4	-31.76	134.76	477998.11	6485871.89	251.15	198.15	106.47	120	144.69	54464.35	-0.01	2.19	0.27	-119.75	-36.5	0	0	-120	-35	7.25	5.72	5.09	4.53	3.92	3.21	2.39
D	6	1577.6	-31.76	134.76	477998.32	6485884.33	251.21	198.14	105.69	120	145.52	54463.64	-0.01	2.2	0.26	-119.75	-36.5	0	0	-120	-35	7.33	5.78	5.15	4.59	3.99	3.29	2.47
D	6	1577.8	-31.76	134.76	477998.54	6485896.76	251.26	198.09	104.72	120	146.54	54462.89	-0.02	2.2	0.25	-119.76	-36.49	0	0	-120	-35	7.4	5.83	5.21	4.65	4.05	3.36	2.54
D	6	1578	-31.76	134.76	477998.76	6485909.21	251.31	198.04	103.57	120	147.74	54462.09	-0.02	2.22	0.14	-119.74	-36.45	0	0	-120	-35	7.45	5.87	5.25	4.7	4.1	3.41	2.59
D	6	1578.2	-31.76	134.76	477998.98	6485921.64	251.34	198.03	102.35	120	148.99	54461.25	-0.03	2.26	-0.02	-119.74	-36.45	0	0	-120	-35	7.49	5.89	5.28	4.72	4.13	3.45	2.63
D	6	1578.4	-31.76	134.76	477999.21	6485934.08	251.37	198.05	101.24	120	150.12	54460.42	-0.04	2.3	-0.16	-119.72	-36.42	0	0	-120	-35	7.5	5.89	5.28	4.73	4.14	3.46	2.65
D	6	1578.6	-31.76	134.76	477999.43	6485946.52	251.39	198.07	100.53	120	150.86	54459.64	-0.04	2.35	-0.24	-119.71	-36.34	0	0	-120	-35	7.5	5.89	5.28	4.72	4.14	3.46	2.65
D	6	1578.8	-31.76	134.76	477999.65	6485958.96	251.4	198.08	100.41	120	150.99	54458.96	-0.05	2.38	-0.23	-119.73	-36.28	0	0	-120	-35	7.49	5.87	5.27	4.71	4.13	3.45	2.65
D	6	1579	-31.76	134.76	477999.87	6485971.4	251.42	198.01	100.91	120	150.51	54458.33	-0.05	2.42	-0.15	-119.73	-36.19	0	0	-120	-35	7.49	5.86	5.26	4.7	4.12	3.44	2.64
D	6	1579.2	-31.76	134.76	478000.07	6485983.85	251.44	197.93	101.92	120	149.52	54457.72	-0.05	2.43	-0.07	-119.73	-36.1	0	0	-120	-35	7.48	5.86	5.25	4.69	4.1	3.43	2.62
D	6	1579.4	-31.76	134.76	478000.27	6485996.3	251.46	197.84	103.16	120	148.31	54457.1	-0.06	2.39	-0.04	-119.73	-36.01	0	0	-120	-35	7.47	5.85	5.25	4.68	4.09	3.41	2.61
D	6	1579.6	-31.76	134.76	478000.46	6486008.75	251.48	197.78	104.36	120	147.12	54456.49	-0.06	2.32	-0.05	-119.76	-35.94	0	0	-120	-35	7.46	5.85	5.24	4.68	4.09	3.4	2.59
D	6	1579.8	-31.76	134.76	478000.65	6486021.2	251.5	197.79	105.4	120	146.1	54455.99	-0.06	2.23	-0.07	-119.78	-35.88	0	0	-120	-35	7.44	5.86	5.24	4.68	4.08	3.39	2.58
D	6	1580	-31.76	134.76	478000.83	6486033.65	251.51	197.81	106.2	120	145.3	54455.58	-0.06	2.18	-0.12	-119.81	-35.82	0	0	-120	-35	7.43	5.87	5.25	4.69	4.08	3.39	2.56
D	6	1580.2	-31.76	134.76	478001	6486046.1	251.51	197.81	106.82	120	144.69	54455.25	-0.06	2.18	-0.17	-119.85	-35.8	0	0	-120	-35	7.42	5.89	5.26	4.7	4.09	3.38	2.55
D	6	1580.4	-31.76	134.76	478001.17	6486058.54	251.5	197.8	107.3	120	144.2	54454.98	-0.06	2.24	-0.21	-119.86	-35.75	0	0	-120	-35	7.41	5.91	5.28	4.72	4.1	3.38	2.54
D	6	1580.6	-31.76	134.76	478001.32	6486070.99	251.5	197.78	107.72	120	143.78	54454.76	-0.06	2.35	-0.3	-119.91	-35.71	0	0	-120	-35	7.4	5.93	5.3	4.74			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1588.4	-31.75	134.76	478003.31	6486555.93	253.81	200.29	114.61	120	139.2	54452.25	-0.07	2.81	0.36	-119.37	-37.04	0	0	-120	-35	7.18	5.86	5.06	4.18	3.18	2.17	1.29
D	6	1588.6	-31.75	134.76	478003.3	6486568.4	253.85	200.34	114.95	120	138.9	54452.69	-0.07	2.89	0.28	-119.35	-36.93	0	0	-120	-35	7.16	5.85	5.05	4.17	3.17	2.16	1.28
D	6	1588.8	-31.75	134.76	478003.28	6486580.86	253.88	200.48	115.26	120	138.62	54453.36	-0.06	2.9	0.34	-119.36	-36.83	0	0	-120	-35	7.15	5.85	5.05	4.17	3.17	2.15	1.28
D	6	1589	-31.75	134.76	478003.26	6486593.33	253.9	200.63	115.47	120	138.43	54454.17	-0.06	2.9	0.59	-119.36	-36.7	0	0	-120	-35	7.15	5.85	5.06	4.18	3.18	2.16	1.28
D	6	1589.2	-31.75	134.76	478003.25	6486605.81	253.9	200.7	115.55	120	138.35	54455	-0.05	2.91	0.91	-119.38	-36.6	0	0	-120	-35	7.15	5.87	5.08	4.21	3.2	2.18	1.29
D	6	1589.4	-31.75	134.76	478003.22	6486618.29	253.88	200.68	115.48	120	138.41	54455.86	-0.05	2.91	1.14	-119.4	-36.5	0	0	-120	-35	7.15	5.88	5.1	4.24	3.24	2.21	1.31
D	6	1589.6	-31.75	134.76	478003.2	6486630.77	253.87	200.59	115.2	120	138.67	54456.82	-0.04	2.89	1.32	-119.44	-36.43	0	0	-120	-35	7.16	5.91	5.13	4.28	3.28	2.25	1.34
D	6	1589.8	-31.75	134.76	478003.17	6486643.25	253.86	200.48	114.7	120	139.16	54457.9	-0.03	2.92	1.3	-119.5	-36.38	0	0	-120	-35	7.16	5.93	5.16	4.33	3.33	2.3	1.38
D	6	1590	-31.75	134.76	478003.14	6486655.73	253.86	200.38	113.98	120	139.88	54459.07	-0.02	2.99	1.11	-119.53	-36.36	0	0	-120	-35	7.16	5.95	5.19	4.38	3.39	2.35	1.42
D	6	1590.2	-31.75	134.76	478003.12	6486668.21	253.89	200.26	113.12	120	140.77	54460.31	-0.01	3.07	0.85	-119.57	-36.34	0	0	-120	-35	7.16	5.97	5.22	4.43	3.45	2.41	1.46
D	6	1590.4	-31.75	134.76	478003.09	6486680.69	253.93	200.19	112.25	120	141.69	54461.64	0	3.13	0.61	-119.6	-36.36	0	0	-120	-35	7.17	6	5.26	4.48	3.52	2.48	1.51
D	6	1590.6	-31.75	134.76	478003.06	6486693.17	253.99	200.22	111.5	120	142.49	54463.07	0.01	3.13	0.46	-119.66	-36.41	0	0	-120	-35	7.18	6.02	5.3	4.54	3.59	2.55	1.57
D	6	1590.8	-31.75	134.76	478003.02	6486705.65	254.06	200.36	110.99	120	143.07	54464.52	0.02	3.08	0.3	-119.71	-36.52	0	0	-120	-35	7.22	6.06	5.35	4.6	3.67	2.63	1.63
D	6	1591	-31.75	134.76	478002.96	6486718.13	254.12	200.62	110.69	120	143.44	54465.94	0.03	3.05	0.07	-119.74	-36.64	0	0	-120	-35	7.27	6.11	5.42	4.67	3.75	2.71	1.7
D	6	1591.2	-31.75	134.76	478002.9	6486730.61	254.19	200.88	110.51	120	143.68	54467.29	0.05	3.04	-0.16	-119.77	-36.81	0	0	-120	-35	7.33	6.17	5.48	4.74	3.83	2.79	1.77
D	6	1591.4	-31.75	134.76	478002.82	6486743.09	254.25	201.12	110.36	120	143.89	54468.59	0.06	3.05	-0.27	-119.76	-36.96	0	0	-120	-35	7.4	6.22	5.55	4.82	3.91	2.87	1.84
D	6	1591.6	-31.75	134.76	478002.74	6486755.57	254.32	201.32	110.16	120	144.16	54469.84	0.07	3.07	-0.3	-119.77	-37.15	0	0	-120	-35	7.47	6.28	5.61	4.88	3.98	2.95	1.9
D	6	1591.8	-31.75	134.76	478002.65	6486768.05	254.4	201.44	109.89	120	144.51	54470.97	0.09	3.13	-0.32	-119.74	-37.28	0	0	-120	-35	7.52	6.32	5.66	4.93	4.05	3.02	1.96
D	6	1592	-31.75	134.76	478002.55	6486780.53	254.5	201.56	109.57	120	144.93	54471.94	0.1	3.17	-0.32	-119.69	-37.42	0	0	-120	-35	7.56	6.34	5.68	4.97	4.09	3.07	2.01
D	6	1592.2	-31.75	134.76	478002.46	6486793.01	254.63	201.63	109.19	120	145.44	54472.74	0.1	3.19	-0.29	-119.64	-37.56	0	0	-120	-35	7.56	6.34	5.69	4.98	4.12	3.11	2.05
D	6	1592.4	-31.75	134.76	478002.36	6486805.49	254.77	201.67	108.72	120	146.05	54473.39	0.11	3.2	-0.24	-119.57	-37.63	0	0	-120	-35	7.55	6.32	5.67	4.98	4.13	3.13	2.09
D	6	1592.6	-31.75	134.76	478002.26	6486817.96	254.92	201.74	108.13	120	146.79	54473.87	0.11	3.18	-0.15	-119.49	-37.74	0	0	-120	-35	7.52	6.29	5.65	4.97	4.13	3.15	2.11
D	6	1592.8	-31.75	134.76	478002.14	6486830.44	255.07	201.81	107.41	120	147.65	54474.16	0.12	3.1	-0.22	-119.45	-37.79	0	0	-120	-35	7.49	6.26	5.62	4.95	4.13	3.16	2.14
D	6	1593	-31.75	134.76	478002.02	6486842.91	255.19	201.95	106.58	120	148.62	54474.26	0.12	2.99	-0.5	-119.38	-37.8	0	0	-120	-35	7.47	6.23	5.59	4.94	4.13	3.18	2.17
D	6	1593.2	-31.75	134.76	478001.89	6486855.38	255.3	202.18	105.7	120	149.6	54474.18	0.11	2.91	-0.75	-119.33	-37.85	0	0	-120	-35	7.47	6.22	5.58	4.94	4.14	3.2	2.21
D	6	1593.4	-31.75	134.76	478001.75	6486867.85	255.39	202.41	104.97	120	150.42	54473.98	0.11	2.87	-0.98	-119.28	-37.85	0	0	-120	-35	7.49	6.22	5.58	4.95	4.16	3.23	2.24
D	6	1593.6	-31.75	134.76	478001.6	6486880.32	255.47	202.64	104.55	120	150.92	54473.68	0.11	2.86	-1.2	-119.25	-37.88	0	0	-120	-35	7.52	6.23	5.6	4.96	4.18	3.27	2.28
D	6	1593.8	-31.75	134.76	478001.44	6486892.78	255.54	202.85	104.6	120	150.93	54473.26	0.1	2.86	-1.37	-119.23	-37.87	0	0	-120	-35	7.56	6.24	5.61	4.98	4.21	3.3	2.32
D	6	1594	-31.75	134.76	478001.27	6486905.25	255.6	203	105.18	120	150.41	54472.72	0.1	2.91	-1.51	-119.22	-37.84	0	0	-120	-35	7.58	6.24	5.61	4.99	4.22	3.32	2.35
D	6	1594.2	-31.75	134.76	478001.09	6486917.71	255.65	203.16	106.17	120	149.48	54472.07	0.09	3.04	-1.64	-119.2	-37.77	0	0	-120	-35	7.58	6.22	5.59	4.97	4.22	3.33	2.37
D	6	1594.4	-31.75	134.76	478000.9	6486930.17	255.7	203.3	107.4	120	148.3	54471.37	0.09	3.26	-1.76	-119.22	-37.72	0	0	-120	-35	7.54	6.18	5.55	4.94	4.19	3.32	2.37
D	6	1594.6	-31.75	134.76	478000.7	6486942.63	255.75	203.43	108.66	120	147.09	54470.61	0.08	3.51	-1.76	-119.25	-37.7	0	0	-120	-35	7.48	6.13	5.5	4.89	4.15	3.29	2.36
D	6	1594.8	-31.75	134.76	478000.51	6486955.08	255.82	203.57	109.83	120	145.99	54469.75	0.08	3.74	-1.64	-119.27	-37.65	0	0	-120	-35	7.42	6.08	5.45	4.84	4.12	3.27	2.34
D	6	1595	-31.75	134.76	478000.32	6486967.53	255.92	203.73	110.85	120	145.07	54468.81	0.07	3.91	-1.48	-119.31	-37.63	0	0	-120	-35	7.36	6.03	5.4	4.8	4.08	3.25	2.33
D	6	1595.2	-31.75	134.76	478000.13	6486979.98	256.04	203.94	111.72	120	144.32	54467.83	0.06	4	-1.27	-119.35	-37.61	0	0	-120	-35	7.31	6	5.36	4.77	4.05	3.23	2.32
D	6	1595.4	-31.75	134.76	477999.95	6486992.41	256.2	204.17	112.49	120	143.71	54466.86	0.06	4.03	-1.01	-119.38	-37.63	0	0	-120	-35	7.28	5.97	5.34	4.75	4.04	3.22	2.32
D	6	1595.6	-31.75	134.76	477999.78	6487004.85	256.38	204.42	113.17	120	143.21	54465.84	0.05	4.01	-0.74	-119.42	-37.69	0	0	-120	-35	7.26	5.96	5.33	4.74	4.03	3.22	2.32
D	6	1595.8	-31.75	134.76	477999.63	6487017.27	256.57	204.68	113.78	120	142.79	54464.77	0.05	3.95	-0.47	-119.43	-37.78	0	0	-120	-35	7.24	5.95	5.32	4.73	4.03	3.22	2.32
D	6	1596	-31.75	134.76	477999.49	6487029.68	256.78	204.94	114.35	120	142.43	54463.71	0.04	3.89	-0.17	-119.45	-37.85	0	0	-120	-35	7.22	5.94	5.32	4.73	4.03	3.22	2.33
D	6	1596.2	-31.75	134.76	477999.37	6487042.09	257.01	205.2	114.88	120	142.12	54462.69	0.04	3.83	0.15	-119.47	-37.98	0	0	-120	-35	7.19	5.92	5.3	4.72	4.03	3.22	2.33
D	6	1596.4	-31.75	134.76	477999.28	6487054.49	257.24	205.47	115.37	120	141.87	54461.65	0.03	3.76	0.53	-119.46	-38.07	0	0	-120	-35	7.13	5.88	5.28	4.7	4.01	3.21	2.32
D	6	1596.6	-31.75	134.76	477999.21	6487066.88	257.48	205.7	115.78	120	141.69	54460.52	0.03	3.69	0.89	-119.44	-38.17	0	0	-120	-35	7.06	5.83	5.24	4.67	3.99	3.2	2.32
D	6	1596.8	-31.75	134.76	477999.16	6487079.27	257.71	205.88	116.12	120	141.6	54459.34	0.02	3.62	1.12	-119.42	-38.27	0	0	-120	-35	6.98	5.78	5.2	4.64	3.97	3.18	2.31
D	6	1597	-31.75	134.76	477999.12	6487091.64	257.95	206.01	116.36	120	141.59	54458.19	0.02	3.53	1.22	-119.34	-38.32	0	0	-120	-35	6.9	5.72	5.16	4.6</			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1604.8	-31.74	134.76	478006.46	6487573.55	260.21	207.93	115	120	145.21	54435.91	0.01	3.53	-0.21	-119.55	-37.38	0	0	-120	-35	7.11	5.76	5.11	4.46	3.69	2.78	1.82
D	6	1605	-31.74	134.76	478006.84	6487585.89	260.29	207.83	115.22	120	145.06	54435.42	0.02	3.64	-0.53	-119.44	-37.61	0	0	-120	-35	7.1	5.76	5.11	4.47	3.68	2.77	1.8
D	6	1605.2	-31.74	134.76	478007.22	6487598.24	260.4	207.66	115.37	120	145.03	54434.92	0.02	3.65	-0.87	-119.32	-37.85	0	0	-120	-35	7.1	5.76	5.12	4.47	3.68	2.76	1.78
D	6	1605.4	-31.74	134.76	478007.61	6487610.58	260.55	207.43	115.43	120	145.13	54434.38	0.01	3.6	-1.13	-119.2	-38.12	0	0	-120	-35	7.1	5.77	5.14	4.48	3.69	2.76	1.77
D	6	1605.6	-31.74	134.76	478007.99	6487622.93	260.72	207.27	115.41	120	145.31	54433.79	0.01	3.45	-1.26	-119.08	-38.35	0	0	-120	-35	7.11	5.79	5.16	4.5	3.7	2.76	1.76
D	6	1605.8	-31.74	134.76	478008.35	6487635.28	260.87	207.17	115.32	120	145.55	54433.18	0.01	3.3	-1.32	-118.99	-38.56	0	0	-120	-35	7.14	5.81	5.19	4.52	3.71	2.76	1.75
D	6	1606	-31.74	134.76	478008.69	6487647.62	261.01	207.15	115.2	120	145.81	54432.53	0.01	3.15	-1.36	-118.89	-38.73	0	0	-120	-35	7.17	5.84	5.22	4.54	3.72	2.77	1.75
D	6	1606.2	-31.74	134.76	478009	6487659.97	261.11	207.23	115.05	120	146.06	54431.86	0.01	3.01	-1.42	-118.81	-38.87	0	0	-120	-35	7.21	5.88	5.25	4.57	3.74	2.77	1.74
D	6	1606.4	-31.74	134.76	478009.28	6487672.31	261.19	207.3	114.88	120	146.31	54431.19	0.01	2.91	-1.45	-118.74	-38.97	0	0	-120	-35	7.26	5.91	5.28	4.58	3.74	2.76	1.73
D	6	1606.6	-31.74	134.76	478009.54	6487684.65	261.25	207.4	114.66	120	146.59	54430.55	0.01	2.86	-1.51	-118.72	-38.99	0	0	-120	-35	7.29	5.93	5.28	4.58	3.74	2.75	1.71
D	6	1606.8	-31.74	134.76	478009.77	6487696.99	261.3	207.49	114.36	120	146.94	54429.94	0.01	2.87	-1.46	-118.72	-38.95	0	0	-120	-35	7.3	5.94	5.27	4.57	3.71	2.71	1.68
D	6	1607	-31.74	134.76	478009.98	6487709.34	261.33	207.54	113.98	120	147.35	54429.33	0.01	2.92	-1.22	-118.74	-38.89	0	0	-120	-35	7.3	5.92	5.24	4.53	3.67	2.67	1.63
D	6	1607.2	-31.74	134.76	478010.17	6487721.69	261.36	207.62	113.52	120	147.83	54428.67	0.01	2.97	-1.04	-118.81	-38.75	0	0	-120	-35	7.27	5.89	5.19	4.48	3.61	2.61	1.58
D	6	1607.4	-31.74	134.76	478010.34	6487734.03	261.37	207.68	113.02	120	148.35	54427.95	0.01	3.05	-0.91	-118.85	-38.59	0	0	-120	-35	7.25	5.86	5.14	4.43	3.54	2.54	1.53
D	6	1607.6	-31.74	134.76	478010.48	6487746.38	261.38	207.76	112.52	120	148.87	54427.18	0.01	3.16	-0.79	-118.94	-38.43	0	0	-120	-35	7.23	5.82	5.09	4.37	3.48	2.48	1.47
D	6	1607.8	-31.74	134.76	478010.62	6487758.73	261.39	207.88	111.99	120	149.4	54426.38	0.01	3.21	-0.67	-119.03	-38.23	0	0	-120	-35	7.22	5.8	5.06	4.33	3.43	2.42	1.42
D	6	1608	-31.74	134.76	478010.73	6487771.08	261.41	208.01	111.46	120	149.95	54425.6	0.01	3.18	-0.61	-119.12	-38.08	0	0	-120	-35	7.24	5.8	5.05	4.3	3.39	2.38	1.38
D	6	1608.2	-31.74	134.76	478010.84	6487783.43	261.43	208.14	110.89	120	150.55	54424.84	0.01	3.16	-0.5	-119.18	-37.94	0	0	-120	-35	7.3	5.82	5.06	4.3	3.37	2.34	1.34
D	6	1608.4	-31.74	134.76	478010.94	6487795.77	261.47	208.24	110.21	120	151.25	54424.06	0.01	3.17	-0.4	-119.22	-37.82	0	0	-120	-35	7.38	5.86	5.09	4.32	3.37	2.33	1.32
D	6	1608.6	-31.74	134.76	478011.02	6487808.12	261.5	208.33	109.43	120	152.08	54423.23	0	3.15	-0.33	-119.27	-37.71	0	0	-120	-35	7.47	5.92	5.14	4.34	3.37	2.32	1.31
D	6	1608.8	-31.74	134.76	478011.1	6487820.46	261.55	208.43	108.55	120	153	54422.41	0	3.12	-0.34	-119.28	-37.65	0	0	-120	-35	7.56	5.97	5.18	4.36	3.38	2.31	1.29
D	6	1609	-31.74	134.76	478011.16	6487832.81	261.59	208.56	107.66	120	153.94	54421.66	0	3.11	-0.39	-119.32	-37.58	0	0	-120	-35	7.64	6.01	5.21	4.37	3.37	2.29	1.27
D	6	1609.2	-31.74	134.76	478011.21	6487845.15	261.64	208.7	106.91	120	154.74	54420.95	0	3.14	-0.44	-119.34	-37.53	0	0	-120	-35	7.68	6.03	5.22	4.36	3.35	2.26	1.24
D	6	1609.4	-31.74	134.76	478011.25	6487857.5	261.69	208.81	106.49	120	155.21	54420.22	0	3.18	-0.53	-119.38	-37.47	0	0	-120	-35	7.69	6.03	5.2	4.33	3.31	2.21	1.21
D	6	1609.6	-31.74	134.76	478011.28	6487869.84	261.75	208.9	106.49	120	155.26	54419.41	0	3.21	-0.6	-119.39	-37.42	0	0	-120	-35	7.67	6	5.16	4.28	3.25	2.16	1.16
D	6	1609.8	-31.74	134.76	478011.31	6487882.18	261.81	208.99	106.95	120	154.86	54418.52	0	3.26	-0.74	-119.41	-37.37	0	0	-120	-35	7.65	5.97	5.11	4.22	3.18	2.09	1.12
D	6	1610	-31.74	134.76	478011.32	6487894.52	261.87	209.07	107.73	120	154.14	54417.65	0	3.32	-0.88	-119.44	-37.36	0	0	-120	-35	7.62	5.93	5.07	4.17	3.12	2.03	1.07
D	6	1610.2	-31.74	134.76	478011.33	6487906.86	261.94	209.16	108.63	120	153.31	54416.86	0	3.36	-0.91	-119.45	-37.36	0	0	-120	-35	7.61	5.91	5.03	4.12	3.06	1.97	1.03
D	6	1610.4	-31.74	134.76	478011.32	6487919.2	262.01	209.23	109.48	120	152.53	54416.11	0	3.38	-0.85	-119.46	-37.36	0	0	-120	-35	7.62	5.89	5.01	4.08	3.01	1.92	1
D	6	1610.6	-31.74	134.76	478011.31	6487931.53	262.08	209.27	110.16	120	151.92	54415.32	0	3.39	-0.77	-119.46	-37.39	0	0	-120	-35	7.65	5.89	4.99	4.05	2.97	1.88	0.97
D	6	1610.8	-31.74	134.76	478011.28	6487943.87	262.16	209.3	110.64	120	151.53	54414.47	0	3.38	-0.71	-119.45	-37.41	0	0	-120	-35	7.68	5.9	4.99	4.03	2.94	1.85	0.94
D	6	1611	-31.74	134.76	478011.25	6487956.2	262.26	209.34	110.95	120	151.3	54413.58	0	3.36	-0.67	-119.44	-37.43	0	0	-120	-35	7.71	5.92	4.99	4.02	2.91	1.82	0.92
D	6	1611.2	-31.74	134.76	478011.2	6487968.54	262.36	209.38	111.16	120	151.2	54412.7	0	3.37	-0.68	-119.43	-37.45	0	0	-120	-35	7.73	5.92	4.99	4	2.89	1.8	0.9
D	6	1611.4	-31.74	134.76	478011.15	6487980.88	262.47	209.44	111.26	120	151.21	54411.82	-0.01	3.39	-0.71	-119.42	-37.48	0	0	-120	-35	7.73	5.93	4.98	3.99	2.87	1.77	0.89
D	6	1611.6	-31.74	134.76	478011.08	6487993.22	262.58	209.54	111.29	120	151.3	54410.91	-0.01	3.39	-0.79	-119.43	-37.53	0	0	-120	-35	7.73	5.93	4.97	3.97	2.85	1.75	0.87
D	6	1611.8	-31.74	134.76	478011	6488005.55	262.7	209.64	111.26	120	151.43	54409.96	-0.01	3.39	-0.85	-119.42	-37.55	0	0	-120	-35	7.71	5.93	4.96	3.96	2.83	1.74	0.86
D	6	1612	-31.74	134.76	478010.9	6488017.89	262.8	209.77	111.16	120	151.64	54409	-0.01	3.42	-0.83	-119.41	-37.57	0	0	-120	-35	7.7	5.93	4.96	3.96	2.83	1.73	0.85
D	6	1612.2	-31.74	134.76	478010.79	6488030.22	262.89	209.91	110.98	120	151.9	54408.02	-0.01	3.46	-0.77	-119.39	-37.57	0	0	-120	-35	7.69	5.94	4.97	3.97	2.84	1.74	0.85
D	6	1612.4	-31.74	134.76	478010.67	6488042.55	262.97	210.03	110.76	120	152.21	54406.99	-0.01	3.55	-0.71	-119.38	-37.59	0	0	-120	-35	7.7	5.97	5	4	2.86	1.75	0.86
D	6	1612.6	-31.74	134.76	478010.54	6488054.88	263.06	210.12	110.49	120	152.57	54405.93	-0.02	3.68	-0.66	-119.37	-37.61	0	0	-120	-35	7.72	6	5.03	4.03	2.88	1.77	0.87
D	6	1612.8	-31.74	134.76	478010.4	6488067.2	263.16	210.2	110.22	120	152.94	54404.92	-0.02	3.81	-0.61	-119.36	-37.63	0	0	-120	-35	7.75	6.04	5.08	4.07	2.92	1.79	0.88
D	6	1613	-31.74	134.76	478010.26	6488079.52	263.28	210.28	109.97	120	153.32	54403.98	-0.02	3.91	-0.43	-119.35	-37.65	0	0	-120	-35	7.79	6.08	5.12	4.11	2.95	1.82	0.89
D	6	1613.2	-31.74	134.76	478010.11	6488091.84	263.43	210.44	109.76	120	153.68	54403.1	-0.02	4	-0.01	-119.34	-37.72	0	0	-120	-35	7.83	6.13	5.17	4.15	2.98	1.84	0.9
D	6	1613.4	-31.74	134.76	478009.96	6488104.15	263.61	210.71	109.61	120	154	54402.17	-0.03	4.06	0.48	-119.33	-37.79	0	0	-120	-35	7.87	6.16	5.2	4.18	3.01	1.85	0.91
D	6																											

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1621.2	-31.73	134.76	478004.17	6488579.75	274.29	221.31	117.73	120	156.56	54397.18	0.03	3.43	0.83	-118.33	-39.54	0	0	-120	-35	6.69	4.57	3.32	2.18	1.18	0.49	0.13
D	6	1621.4	-31.73	134.76	478003.99	6488591.83	274.5	221.55	117.93	120	156.57	54398.13	0.04	3.38	0.69	-118.36	-39.53	0	0	-120	-35	6.73	4.66	3.42	2.26	1.23	0.51	0.13
D	6	1621.6	-31.73	134.76	478003.82	6488603.91	274.68	221.81	118.08	120	156.61	54398.97	0.04	3.35	0.56	-118.38	-39.47	0	0	-120	-35	6.76	4.73	3.49	2.32	1.27	0.53	0.14
D	6	1621.8	-31.73	134.76	478003.64	6488615.99	274.85	222.15	118.12	120	156.73	54399.69	0.05	3.32	0.42	-118.43	-39.39	0	0	-120	-35	6.76	4.76	3.53	2.37	1.29	0.53	0.14
D	6	1622	-31.73	134.76	478003.47	6488628.08	275	222.47	118.07	120	156.93	54400.29	0.05	3.29	0.38	-118.5	-39.26	0	0	-120	-35	6.72	4.76	3.53	2.37	1.3	0.53	0.13
D	6	1622.2	-31.73	134.76	478003.29	6488640.16	275.14	222.73	117.94	120	157.2	54400.74	0.06	3.27	0.47	-118.59	-39.06	0	0	-120	-35	6.65	4.71	3.49	2.35	1.28	0.52	0.13
D	6	1622.4	-31.73	134.76	478003.11	6488652.24	275.26	222.97	117.73	120	157.53	54401.06	0.06	3.23	0.62	-118.71	-38.85	0	0	-120	-35	6.54	4.63	3.42	2.29	1.24	0.5	0.12
D	6	1622.6	-31.73	134.76	478002.94	6488664.33	275.38	223.12	117.43	120	157.94	54401.27	0.06	3.18	0.75	-118.84	-38.62	0	0	-120	-35	6.42	4.53	3.33	2.22	1.19	0.48	0.12
D	6	1622.8	-31.73	134.76	478002.77	6488676.42	275.48	223.23	117.01	120	158.48	54401.39	0.06	3.15	0.92	-118.95	-38.41	0	0	-120	-35	6.31	4.43	3.23	2.14	1.14	0.45	0.11
D	6	1623	-31.73	134.76	478002.61	6488688.5	275.59	223.28	116.45	120	159.13	54401.44	0.06	3.12	1.13	-119.06	-38.16	0	0	-120	-35	6.22	4.34	3.15	2.07	1.09	0.43	0.11
D	6	1623.2	-31.73	134.76	478002.46	6488700.59	275.69	223.26	115.85	120	159.84	54401.43	0.06	3.11	1.38	-119.14	-37.97	0	0	-120	-35	6.17	4.3	3.1	2.02	1.05	0.41	0.11
D	6	1623.4	-31.73	134.76	478002.33	6488712.67	275.79	223.22	115.31	120	160.47	54401.42	0.06	3.09	1.66	-119.2	-37.8	0	0	-120	-35	6.19	4.29	3.09	2	1.03	0.41	0.11
D	6	1623.6	-31.73	134.76	478002.2	6488724.76	275.88	223.17	115.01	120	160.87	54401.33	0.06	3.06	1.93	-119.26	-37.68	0	0	-120	-35	6.24	4.33	3.12	2.01	1.03	0.41	0.11
D	6	1623.8	-31.73	134.76	478002.08	6488736.85	275.96	223.18	115	120	160.97	54401.07	0.05	3.02	2.17	-119.29	-37.59	0	0	-120	-35	6.34	4.39	3.18	2.05	1.05	0.41	0.12
D	6	1624	-31.73	134.76	478001.97	6488748.94	276.02	223.25	115.23	120	160.79	54400.61	0.05	2.96	2.26	-119.3	-37.51	0	0	-120	-35	6.44	4.48	3.26	2.1	1.07	0.42	0.12
D	6	1624.2	-31.73	134.76	478001.86	6488761.03	276.07	223.37	115.6	120	160.47	54400.04	0.05	2.89	2.17	-119.31	-37.43	0	0	-120	-35	6.55	4.57	3.34	2.16	1.11	0.44	0.13
D	6	1624.4	-31.73	134.76	478001.76	6488773.13	276.1	223.5	115.96	120	160.14	54399.47	0.04	2.84	2.03	-119.34	-37.39	0	0	-120	-35	6.64	4.66	3.42	2.21	1.14	0.45	0.14
D	6	1624.6	-31.73	134.76	478001.67	6488785.22	276.11	223.64	116.22	120	159.89	54398.91	0.04	2.8	1.99	-119.35	-37.32	0	0	-120	-35	6.7	4.72	3.48	2.26	1.17	0.47	0.15
D	6	1624.8	-31.73	134.76	478001.59	6488797.32	276.13	223.78	116.4	120	159.72	54398.32	0.03	2.77	2.04	-119.35	-37.3	0	0	-120	-35	6.72	4.77	3.51	2.29	1.19	0.49	0.16
D	6	1625	-31.73	134.76	478001.53	6488809.41	276.14	223.93	116.54	120	159.6	54397.63	0.03	2.74	2.16	-119.36	-37.23	0	0	-120	-35	6.72	4.79	3.52	2.3	1.2	0.5	0.17
D	6	1625.2	-31.73	134.76	478001.48	6488821.51	276.15	224.09	116.69	120	159.46	54396.87	0.02	2.68	2.34	-119.36	-37.22	0	0	-120	-35	6.7	4.78	3.51	2.29	1.21	0.51	0.18
D	6	1625.4	-31.73	134.76	478001.45	6488833.6	276.17	224.23	116.89	120	159.28	54396.05	0.02	2.63	2.45	-119.37	-37.21	0	0	-120	-35	6.66	4.75	3.48	2.27	1.2	0.52	0.19
D	6	1625.6	-31.73	134.76	478001.43	6488845.7	276.18	224.34	117.15	120	159.03	54395.2	0.01	2.6	2.46	-119.37	-37.21	0	0	-120	-35	6.61	4.71	3.43	2.24	1.19	0.53	0.2
D	6	1625.8	-31.73	134.76	478001.44	6488857.8	276.22	224.39	117.49	120	158.7	54394.33	0.01	2.59	2.43	-119.37	-37.21	0	0	-120	-35	6.56	4.64	3.36	2.2	1.18	0.54	0.22
D	6	1626	-31.73	134.76	478001.46	6488869.9	276.21	224.36	117.91	120	158.3	54393.46	0	2.61	2.36	-119.37	-37.22	0	0	-120	-35	6.51	4.57	3.28	2.14	1.15	0.54	0.23
D	6	1626.2	-31.73	134.76	478001.51	6488882	276.22	224.24	118.39	120	157.83	54392.56	-0.01	2.66	2.26	-119.36	-37.23	0	0	-120	-35	6.46	4.48	3.2	2.08	1.13	0.54	0.23
D	6	1626.4	-31.73	134.76	478001.58	6488894.11	276.24	224.05	118.89	120	157.35	54391.63	-0.01	2.73	2.11	-119.36	-37.24	0	0	-120	-35	6.4	4.38	3.1	2.01	1.1	0.54	0.24
D	6	1626.6	-31.73	134.76	478001.67	6488906.22	276.26	223.83	119.36	120	156.89	54390.73	-0.02	2.82	1.98	-119.38	-37.29	0	0	-120	-35	6.33	4.26	3	1.94	1.07	0.53	0.24
D	6	1626.8	-31.73	134.76	478001.78	6488918.33	276.28	223.66	119.79	120	156.48	54389.88	-0.03	2.88	1.88	-119.35	-37.33	0	0	-120	-35	6.26	4.14	2.9	1.86	1.03	0.53	0.25
D	6	1627	-31.73	134.76	478001.9	6488930.44	276.31	223.54	120.15	120	156.16	54389.12	-0.03	2.91	1.76	-119.35	-37.35	0	0	-120	-35	6.17	4.02	2.8	1.79	1	0.51	0.24
D	6	1627.2	-31.73	134.76	478002.03	6488942.55	276.35	223.48	120.47	120	155.89	54388.41	-0.04	2.94	1.67	-119.34	-37.38	0	0	-120	-35	6.08	3.89	2.7	1.72	0.97	0.5	0.24
D	6	1627.4	-31.73	134.76	478002.18	6488954.66	276.4	223.42	120.73	120	155.67	54387.76	-0.04	3	1.68	-119.33	-37.46	0	0	-120	-35	5.99	3.78	2.61	1.66	0.93	0.49	0.23
D	6	1627.6	-31.73	134.76	478002.33	6488966.77	276.47	223.36	120.94	120	155.53	54387.18	-0.05	3.08	1.73	-119.33	-37.49	0	0	-120	-35	5.89	3.68	2.52	1.6	0.9	0.47	0.22
D	6	1627.8	-31.73	134.76	478002.49	6488978.87	276.55	223.32	121.1	120	155.45	54386.68	-0.05	3.17	1.74	-119.32	-37.57	0	0	-120	-35	5.8	3.59	2.45	1.55	0.87	0.45	0.22
D	6	1628	-31.73	134.76	478002.66	6488990.98	276.65	223.29	121.21	120	155.44	54386.22	-0.05	3.25	1.69	-119.29	-37.67	0	0	-120	-35	5.72	3.51	2.39	1.51	0.85	0.44	0.21
D	6	1628.2	-31.73	134.76	478002.84	6489003.09	276.78	223.28	121.29	120	155.49	54385.8	-0.06	3.34	1.51	-119.3	-37.78	0	0	-120	-35	5.64	3.45	2.33	1.47	0.82	0.42	0.19
D	6	1628.4	-31.73	134.76	478003.01	6489015.2	276.92	223.33	121.36	120	155.55	54385.47	-0.06	3.42	1.23	-119.27	-37.87	0	0	-120	-35	5.57	3.39	2.28	1.43	0.79	0.4	0.18
D	6	1628.6	-31.73	134.76	478003.19	6489027.3	277.08	223.43	121.44	120	155.64	54385.29	-0.06	3.52	0.96	-119.26	-38	0	0	-120	-35	5.5	3.32	2.22	1.39	0.76	0.38	0.17
D	6	1628.8	-31.73	134.76	478003.36	6489039.4	277.25	223.64	121.54	120	155.71	54385.23	-0.06	3.58	0.84	-119.22	-38.1	0	0	-120	-35	5.41	3.24	2.16	1.33	0.72	0.35	0.16
D	6	1629	-31.73	134.76	478003.53	6489051.5	277.44	223.92	121.63	120	155.81	54385.26	-0.06	3.59	0.74	-119.19	-38.19	0	0	-120	-35	5.3	3.14	2.08	1.27	0.68	0.33	0.14
D	6	1629.2	-31.73	134.76	478003.69	6489063.6	277.63	224.21	121.69	120	155.94	54385.34	-0.06	3.61	0.62	-119.16	-38.32	0	0	-120	-35	5.18	3.03	1.98	1.2	0.63	0.29	0.12
D	6	1629.4	-31.73	134.76	478003.85	6489075.7	277.83	224.49	121.7	120	156.14	54385.51	-0.06	3.66	0.5	-119.09	-38.43	0	0	-120	-35	5.04	2.9	1.88	1.12	0.57	0.26	0.11
D	6	1629.6	-31.73	134.76	478003.99	6489087.79	278.04	224.74	121.65	120	156.39	54385.76	-0.05	3.71	0.47	-119.05	-38.57	0	0	-120	-35	4.9	2.76	1.76	1.03	0.52	0.23	0.09
D	6	1629.8	-31.73	134.76	478004.14	6489099.89	278.27	225.01	121.59	120	156.68	54386.05	-0.05	3.73	0.51	-118.96	-38.68	0	0	-120	-35	4.76	2.62	1.64	0.95			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1637.6	-31.72	134.76	478008.78	6489573.14	283.16	230.23	117.28	120	165.88	54397.12	0.06	3.22	-0.11	-119.65	-37.08	0	0	-120	-35	5.81	3.55	2.42	1.53	0.85	0.42	0.17
D	6	1637.8	-31.72	134.76	478008.85	6489585.32	283.31	230.27	117.3	120	166.01	54397.03	0.06	3.26	0.14	-119.59	-37.17	0	0	-120	-35	5.73	3.43	2.31	1.46	0.8	0.39	0.16
D	6	1638	-31.72	134.76	478008.92	6489597.51	283.47	230.29	117.28	120	166.2	54396.84	0.06	3.36	0.4	-119.56	-37.28	0	0	-120	-35	5.65	3.3	2.2	1.37	0.75	0.36	0.15
D	6	1638.2	-31.72	134.76	478008.98	6489609.69	283.64	230.33	117.23	120	166.41	54396.58	0.06	3.49	0.64	-119.49	-37.37	0	0	-120	-35	5.54	3.16	2.07	1.28	0.69	0.33	0.13
D	6	1638.4	-31.72	134.76	478009.03	6489621.87	283.82	230.43	117.16	120	166.66	54396.27	0.06	3.6	0.85	-119.47	-37.48	0	0	-120	-35	5.43	3.02	1.94	1.19	0.63	0.3	0.12
D	6	1638.6	-31.72	134.76	478009.08	6489634.05	284.01	230.62	117.09	120	166.93	54395.9	0.05	3.66	1.05	-119.42	-37.55	0	0	-120	-35	5.3	2.86	1.81	1.09	0.57	0.26	0.11
D	6	1638.8	-31.72	134.76	478009.12	6489646.23	284.21	230.86	117.02	120	167.18	54395.46	0.05	3.7	1.13	-119.4	-37.65	0	0	-120	-35	5.17	2.7	1.68	0.99	0.51	0.23	0.09
D	6	1639	-31.72	134.76	478009.16	6489658.41	284.41	231.13	116.95	120	167.46	54395.01	0.05	3.73	0.97	-119.35	-37.72	0	0	-120	-35	5.03	2.55	1.55	0.9	0.45	0.2	0.08
D	6	1639.2	-31.72	134.76	478009.2	6489670.58	284.61	231.4	116.86	120	167.75	54394.55	0.05	3.75	0.7	-119.33	-37.82	0	0	-120	-35	4.91	2.41	1.43	0.81	0.39	0.17	0.06
D	6	1639.4	-31.72	134.76	478009.24	6489682.75	284.83	231.59	116.74	120	168.09	54394.07	0.05	3.79	0.4	-119.26	-37.9	0	0	-120	-35	4.79	2.28	1.31	0.72	0.34	0.14	0.05
D	6	1639.6	-31.72	134.76	478009.26	6489694.91	285.05	231.72	116.57	120	168.48	54393.54	0.04	3.84	0.03	-119.22	-38	0	0	-120	-35	4.69	2.16	1.22	0.65	0.29	0.11	0.04
D	6	1639.8	-31.72	134.76	478009.27	6489707.06	285.29	231.81	116.37	120	168.92	54392.97	0.04	3.89	-0.38	-119.16	-38.12	0	0	-120	-35	4.6	2.06	1.13	0.58	0.24	0.08	0.03
D	6	1640	-31.72	134.76	478009.26	6489719.22	285.54	231.88	116.17	120	169.38	54392.34	0.03	3.93	-0.79	-119.08	-38.26	0	0	-120	-35	4.53	1.97	1.05	0.52	0.2	0.06	0.02
D	6	1640.2	-31.72	134.76	478009.22	6489731.36	285.82	232.01	115.96	120	169.87	54391.65	0.03	3.97	-1.18	-119	-38.38	0	0	-120	-35	4.47	1.89	0.99	0.47	0.17	0.05	0.02
D	6	1640.4	-31.72	134.76	478009.16	6489743.51	286.12	232.22	115.75	120	170.37	54390.92	0.02	3.99	-1.5	-118.92	-38.51	0	0	-120	-35	4.42	1.82	0.93	0.42	0.14	0.03	0.01
D	6	1640.6	-31.72	134.76	478009.07	6489755.64	286.43	232.5	115.55	120	170.88	54390.19	0.02	4.01	-1.83	-118.82	-38.64	0	0	-120	-35	4.38	1.76	0.88	0.38	0.11	0.02	0.01
D	6	1640.8	-31.72	134.76	478008.95	6489767.78	286.74	232.84	115.31	120	171.43	54389.51	0.01	4.01	-2.15	-118.74	-38.76	0	0	-120	-35	4.33	1.71	0.84	0.34	0.08	0.009	0.007
D	6	1641	-31.72	134.76	478008.8	6489779.91	287.05	233.22	115.01	120	172.03	54388.89	0.01	3.97	-2.34	-118.69	-38.86	0	0	-120	-35	4.3	1.66	0.8	0.3	0.08	0.004	0.002
D	6	1641.2	-31.72	134.76	478008.62	6489792.04	287.35	233.61	114.64	120	172.71	54388.33	0.01	3.91	-2.34	-118.64	-38.95	0	0	-120	-35	4.28	1.63	0.77	0.27			0.003
D	6	1641.4	-31.72	134.76	478008.4	6489804.17	287.65	234.03	114.16	120	173.49	54387.85	0.01	3.86	-2.19	-118.59	-39.04	0	0	-120	-35	4.27	1.61	0.74	0.24			0.007
D	6	1641.6	-31.72	134.76	478008.16	6489816.3	287.94	234.46	113.59	120	174.35	54387.46	0.01	3.83	-1.98	-118.55	-39.08	0	0	-120	-35	4.29	1.61	0.73	0.22			0.01
D	6	1641.8	-31.72	134.76	478007.88	6489828.42	288.23	234.9	112.97	120	175.27	54387.15	0.01	3.82	-1.71	-118.52	-39.15	0	0	-120	-35	4.33	1.63	0.72				0.01
D	6	1642	-31.72	134.76	478007.59	6489840.54	288.51	235.33	112.36	120	176.16	54386.85	0.01	3.86	-1.37	-118.51	-39.2	0	0	-120	-35	4.39	1.67	0.72				
D	6	1642.2	-31.72	134.76	478007.28	6489852.66	288.79	235.71	111.86	120	176.93	54386.53	0.01	3.93	-1.03	-118.51	-39.25	0	0	-120	-35	4.48	1.73	0.74				
D	6	1642.4	-31.72	134.76	478006.95	6489864.77	289.06	236.04	111.6	120	177.46	54386.19	0.01	4	-0.75	-118.52	-39.33	0	0	-120	-35	4.59	1.79	0.76				
D	6	1642.6	-31.72	134.76	478006.6	6489876.88	289.33	236.31	111.64	120	177.68	54385.92	0.01	4.07	-0.52	-118.56	-39.39	0	0	-120	-35	4.69	1.85	0.78				
D	6	1642.8	-31.72	134.76	478006.24	6489888.98	289.61	236.55	111.98	120	177.62	54385.71	0.01	4.13	-0.32	-118.58	-39.41	0	0	-120	-35	4.78	1.89	0.8				0.01
D	6	1643	-31.72	134.76	478005.87	6489901.08	289.9	236.79	112.55	120	177.36	54385.54	0.01	4.15	-0.09	-118.62	-39.47	0	0	-120	-35	4.84	1.92	0.82	0.23			0.01
D	6	1643.2	-31.72	134.76	478005.5	6489913.18	290.22	237.07	113.18	120	177.04	54385.38	0.02	4.15	0.13	-118.64	-39.49	0	0	-120	-35	4.86	1.92	0.83	0.24			0.004
D	6	1643.4	-31.72	134.76	478005.13	6489925.27	290.56	237.41	113.77	120	176.78	54385.22	0.02	4.14	0.34	-118.66	-39.51	0	0	-120	-35	4.84	1.9	0.82	0.25			0
D	6	1643.6	-31.72	134.76	478004.76	6489937.36	290.9	237.81	114.27	120	176.63	54385.04	0.02	4.11	0.48	-118.69	-39.52	0	0	-120	-35	4.78	1.86	0.81	0.26		0.005	0.005
D	6	1643.8	-31.72	134.76	478004.38	6489949.44	291.25	238.3	114.64	120	176.61	54384.84	0.03	4.06	0.59	-118.69	-39.51	0	0	-120	-35	4.67	1.81	0.8	0.27	0.05	0.005	0.009
D	6	1644	-31.72	134.76	478004.01	6489961.52	291.6	238.8	114.95	120	176.65	54384.67	0.03	3.98	0.69	-118.7	-39.49	0	0	-120	-35	4.54	1.74	0.78	0.28	0.07	0.01	0.01
D	6	1644.2	-31.72	134.76	478003.64	6489973.6	291.94	239.24	115.21	120	176.73	54384.5	0.03	3.93	0.83	-118.7	-39.46	0	0	-120	-35	4.38	1.68	0.77	0.3	0.09	0.02	0.01
D	6	1644.4	-31.72	134.76	478003.27	6489985.68	292.27	239.64	115.45	120	176.82	54384.27	0.03	3.87	0.97	-118.71	-39.44	0	0	-120	-35	4.22	1.62	0.76	0.32	0.11	0.03	0.02
D	6	1644.6	-31.72	134.76	478002.91	6489997.75	292.6	239.96	115.76	120	176.84	54383.94	0.03	3.77	1.09	-118.7	-39.43	0	0	-120	-35	4.05	1.56	0.76	0.34	0.14	0.05	0.02
D	6	1644.8	-31.72	134.76	478002.55	6490009.82	292.92	240.23	116.15	120	176.77	54383.5	0.03	3.67	1.18	-118.66	-39.39	0	0	-120	-35	3.9	1.52	0.76	0.37	0.16	0.06	0.02
D	6	1645	-31.72	134.76	478002.19	6490021.88	293.24	240.49	116.66	120	176.58	54383	0.03	3.64	1.21	-118.67	-39.36	0	0	-120	-35	3.75	1.49	0.78	0.4	0.18	0.07	0.03
D	6	1645.2	-31.72	134.76	478001.83	6490033.94	293.54	240.73	117.25	120	176.29	54382.47	0.03	3.62	1.18	-118.64	-39.32	0	0	-120	-35	3.61	1.47	0.8	0.43	0.2	0.08	0.03
D	6	1645.4	-31.72	134.76	478001.47	6490046	293.84	240.99	117.88	120	175.96	54381.92	0.03	3.6	1.17	-118.62	-39.31	0	0	-120	-35	3.46	1.46	0.82	0.46	0.22	0.08	0.03
D	6	1645.6	-31.72	134.76	478001.11	6490058.05	294.12	241.26	118.53	120	175.59	54381.33	0.02	3.59	1.21	-118.59	-39.27	0	0	-120	-35	3.32	1.44	0.84	0.48	0.23	0.09	0.03
D	6	1645.8	-31.72	134.76	478000.76	6490070.11	294.4	241.52	119.16	120	175.24	54380.72	0.02	3.59	1.33	-118.6	-39.25	0	0	-120	-35	3.18	1.43	0.86	0.5	0.24	0.09	0.03
D	6	1646	-31.72	134.76	478000.41	6490082.16	294.67	241.75	119.8	120	174.88	54380.14	0.02	3.59	1.56	-118.59	-39.19	0	0	-120	-35	3.04	1.4	0.87	0.51	0.25	0.09	0.03
D	6	1646.2	-31.72	134.76	478000.06	6490094.22	294.94	241.91	120.4	120	174.54	54379.6	0.01	3.61	1.84	-118.58	-39.13	0	0	-120	-35	2.9	1.37	0.87	0.51	0.25	0.1	0.03
D	6	1646.4	-31.72	134.76	477999.71	6490106.28	295.19	242.03	120.92	120	174.27																	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1700.8	-31.72	134.77	479005.36	6490075.68	258.41	204.64	111.68	120	146.72	54386.3	0.05	2.26	-0.76	-119.13	-37	0	0	-120	-35	8.4	7.07	6.34	5.48	4.39	3.15	1.94
D	6	1701	-31.72	134.77	479005.34	6490062.26	258.37	204.5	111.68	120	146.69	54387.39	0.05	2.24	-0.54	-119.14	-36.88	0	0	-120	-35	8.4	7.08	6.34	5.47	4.38	3.13	1.91
D	6	1701.2	-31.72	134.77	479005.34	6490048.86	258.31	204.25	111.62	120	146.69	54388.45	0.05	2.33	-0.25	-119.21	-36.75	0	0	-120	-35	8.38	7.07	6.32	5.46	4.36	3.1	1.87
D	6	1701.4	-31.72	134.77	479005.33	6490035.45	258.23	203.97	111.51	120	146.71	54389.5	0.06	2.54	0.01	-119.29	-36.57	0	0	-120	-35	8.35	7.05	6.3	5.43	4.32	3.07	1.84
D	6	1701.6	-31.72	134.77	479005.33	6490022.06	258.14	203.79	111.41	120	146.72	54390.58	0.06	2.85	0.17	-119.42	-36.4	0	0	-120	-35	8.3	7.02	6.26	5.4	4.29	3.03	1.81
D	6	1701.8	-31.72	134.77	479005.33	6490008.67	258.06	203.75	111.28	120	146.78	54391.67	0.06	3.15	0.28	-119.54	-36.23	0	0	-120	-35	8.25	6.99	6.22	5.36	4.24	2.99	1.78
D	6	1702	-31.72	134.77	479005.33	6489995.29	258.02	203.9	111.11	120	146.91	54392.74	0.06	3.35	0.41	-119.66	-36.06	0	0	-120	-35	8.21	6.96	6.18	5.32	4.21	2.96	1.76
D	6	1702.2	-31.72	134.77	479005.32	6489981.91	258.02	204.19	110.91	120	147.11	54393.77	0.06	3.42	0.51	-119.76	-35.95	0	0	-120	-35	8.19	6.94	6.16	5.3	4.18	2.94	1.75
D	6	1702.4	-31.72	134.77	479005.31	6489968.54	258.06	204.47	110.67	120	147.39	54394.79	0.06	3.43	0.66	-119.84	-35.91	0	0	-120	-35	8.19	6.94	6.16	5.29	4.17	2.93	1.74
D	6	1702.6	-31.72	134.77	479005.3	6489955.18	258.14	204.72	110.41	120	147.72	54395.8	0.06	3.44	0.82	-119.88	-35.85	0	0	-120	-35	8.22	6.95	6.17	5.29	4.17	2.93	1.74
D	6	1702.8	-31.72	134.77	479005.28	6489941.83	258.24	204.87	110.16	120	148.08	54396.83	0.07	3.5	0.88	-119.93	-35.88	0	0	-120	-35	8.27	6.98	6.2	5.31	4.18	2.93	1.74
D	6	1703	-31.72	134.77	479005.25	6489928.49	258.36	204.95	109.92	120	148.44	54397.89	0.07	3.58	0.87	-119.93	-35.9	0	0	-120	-35	8.32	7.01	6.22	5.32	4.19	2.93	1.74
D	6	1703.2	-31.72	134.77	479005.21	6489915.15	258.51	205	109.71	120	148.8	54398.98	0.07	3.66	0.9	-119.95	-35.95	0	0	-120	-35	8.35	7.02	6.23	5.33	4.19	2.93	1.74
D	6	1703.4	-31.72	134.77	479005.16	6489901.83	258.69	205.02	109.58	120	149.1	54400.04	0.07	3.73	0.95	-119.96	-36.01	0	0	-120	-35	8.36	7.02	6.23	5.32	4.18	2.92	1.73
D	6	1703.6	-31.72	134.77	479005.1	6489888.51	258.88	205.04	109.6	120	149.28	54401.04	0.08	3.76	1.01	-119.94	-36.09	0	0	-120	-35	8.35	7	6.2	5.29	4.15	2.89	1.72
D	6	1703.8	-31.72	134.77	479005.04	6489875.21	259.08	205.09	109.78	120	149.3	54401.97	0.08	3.77	1.01	-119.95	-36.19	0	0	-120	-35	8.31	6.95	6.15	5.25	4.11	2.86	1.7
D	6	1704	-31.72	134.77	479004.98	6489861.92	259.28	205.22	110.14	120	149.15	54402.8	0.08	3.75	0.93	-119.92	-36.27	0	0	-120	-35	8.25	6.9	6.1	5.19	4.07	2.83	1.69
D	6	1704.2	-31.72	134.77	479004.92	6489848.65	259.48	205.45	110.62	120	148.86	54403.56	0.08	3.74	0.8	-119.89	-36.4	0	0	-120	-35	8.2	6.85	6.05	5.15	4.03	2.81	1.68
D	6	1704.4	-31.72	134.77	479004.86	6489835.39	259.68	205.76	111.15	120	148.53	54404.27	0.08	3.74	0.65	-119.83	-36.55	0	0	-120	-35	8.16	6.82	6.02	5.12	4.01	2.8	1.67
D	6	1704.6	-31.72	134.77	479004.8	6489822.14	259.89	206.1	111.69	120	148.2	54404.96	0.08	3.8	0.49	-119.74	-36.77	0	0	-120	-35	8.15	6.8	6	5.11	4.02	2.81	1.69
D	6	1704.8	-31.72	134.77	479004.74	6489808.9	260.12	206.45	112.2	120	147.92	54405.69	0.08	3.87	0.42	-119.61	-37.02	0	0	-120	-35	8.15	6.8	6.01	5.13	4.05	2.85	1.71
D	6	1705	-31.72	134.77	479004.67	6489795.68	260.38	206.78	112.68	120	147.7	54406.46	0.08	3.91	0.47	-119.43	-37.26	0	0	-120	-35	8.17	6.82	6.04	5.16	4.09	2.9	1.76
D	6	1705.2	-31.72	134.77	479004.6	6489782.47	260.68	207.11	113.14	120	147.55	54407.26	0.08	3.92	0.61	-119.26	-37.52	0	0	-120	-35	8.17	6.83	6.06	5.2	4.14	2.96	1.8
D	6	1705.4	-31.72	134.77	479004.53	6489769.26	261.01	207.48	113.56	120	147.45	54408	0.08	3.89	0.75	-119.1	-37.78	0	0	-120	-35	8.16	6.83	6.07	5.23	4.19	3.01	1.85
D	6	1705.6	-31.72	134.77	479004.44	6489756.07	261.34	207.86	113.93	120	147.41	54408.63	0.08	3.81	0.77	-118.92	-38.01	0	0	-120	-35	8.11	6.8	6.06	5.24	4.23	3.06	1.89
D	6	1705.8	-31.72	134.77	479004.36	6489742.89	261.66	208.24	114.26	120	147.4	54409.11	0.08	3.68	0.68	-118.78	-38.19	0	0	-120	-35	8.02	6.74	6.02	5.22	4.24	3.09	1.92
D	6	1706	-31.72	134.77	479004.26	6489729.72	261.94	208.58	114.51	120	147.43	54409.51	0.08	3.57	0.5	-118.68	-38.29	0	0	-120	-35	7.91	6.65	5.95	5.18	4.22	3.1	1.94
D	6	1706.2	-31.72	134.77	479004.15	6489716.55	262.18	208.86	114.7	120	147.47	54409.93	0.08	3.51	0.22	-118.59	-38.35	0	0	-120	-35	7.78	6.55	5.86	5.12	4.19	3.09	1.94
D	6	1706.4	-31.72	134.77	479004.03	6489703.4	262.37	209.07	114.78	120	147.59	54410.42	0.08	3.45	0.03	-118.53	-38.33	0	0	-120	-35	7.64	6.44	5.77	5.05	4.14	3.06	1.93
D	6	1706.6	-31.72	134.77	479003.9	6489690.25	262.53	209.23	114.7	120	147.83	54410.92	0.08	3.4	0.02	-118.48	-38.3	0	0	-120	-35	7.51	6.34	5.67	4.97	4.08	3.02	1.91
D	6	1706.8	-31.72	134.77	479003.76	6489677.11	262.67	209.35	114.43	120	148.24	54411.38	0.08	3.36	0.14	-118.48	-38.24	0	0	-120	-35	7.4	6.25	5.59	4.9	4.02	2.98	1.88
D	6	1707	-31.72	134.77	479003.61	6489663.97	262.79	209.46	114.01	120	148.78	54411.8	0.08	3.31	0.35	-118.5	-38.16	0	0	-120	-35	7.32	6.17	5.52	4.83	3.96	2.93	1.84
D	6	1707.2	-31.72	134.77	479003.45	6489650.84	262.9	209.58	113.52	120	149.39	54412.19	0.08	3.24	0.64	-118.52	-38.07	0	0	-120	-35	7.25	6.11	5.46	4.78	3.9	2.88	1.81
D	6	1707.4	-31.72	134.77	479003.28	6489637.72	263	209.72	113.13	120	149.87	54412.53	0.08	3.18	0.97	-118.58	-38	0	0	-120	-35	7.19	6.05	5.41	4.73	3.85	2.83	1.76
D	6	1707.6	-31.72	134.77	479003.1	6489624.6	263.08	209.82	113	120	150.08	54412.82	0.08	3.13	1.2	-118.65	-37.88	0	0	-120	-35	7.15	6.01	5.37	4.68	3.8	2.78	1.72
D	6	1707.8	-31.72	134.77	479002.92	6489611.49	263.15	209.85	113.19	120	149.96	54413.08	0.08	3.1	1.37	-118.73	-37.79	0	0	-120	-35	7.12	5.98	5.34	4.64	3.76	2.73	1.68
D	6	1708	-31.72	134.77	479002.72	6489598.38	263.22	209.81	113.68	120	149.54	54413.37	0.08	3.12	1.54	-118.82	-37.69	0	0	-120	-35	7.1	5.96	5.32	4.61	3.72	2.68	1.64
D	6	1708.2	-31.72	134.77	479002.51	6489585.27	263.28	209.65	114.33	120	148.95	54413.66	0.08	3.16	1.72	-118.92	-37.62	0	0	-120	-35	7.09	5.95	5.31	4.59	3.68	2.64	1.6
D	6	1708.4	-31.72	134.77	479002.29	6489572.16	263.33	209.46	114.99	120	148.35	54413.88	0.08	3.18	1.82	-119.03	-37.49	0	0	-120	-35	7.09	5.95	5.3	4.58	3.66	2.61	1.56
D	6	1708.6	-31.72	134.77	479002.07	6489559.06	263.38	209.27	115.55	120	147.83	54414.02	0.08	3.16	1.67	-119.1	-37.4	0	0	-120	-35	7.1	5.96	5.3	4.57	3.63	2.58	1.53
D	6	1708.8	-31.72	134.77	479001.86	6489545.96	263.43	209.1	115.96	120	147.47	54414.15	0.08	3.11	1.3	-119.21	-37.32	0	0	-120	-35	7.11	5.97	5.3	4.56	3.61	2.55	1.5
D	6	1709	-31.72	134.77	479001.66	6489532.87	263.47	209.04	116.2	120	147.27	54414.33	0.08	3.04	0.84	-119.29	-37.21	0	0	-120	-35	7.12	5.98	5.29	4.54	3.58	2.51	1.48
D	6	1709.2	-31.72	134.77	479001.47	6489519.78	263.51	209.07	116.32	120	147.19	54414.5	0.08	2.93	0.49	-119.36	-37.11	0	0	-120	-35	7.12	5.98	5.28	4.52	3.55	2.48	1.45
D	6	1709.4	-31.72	134.77	479001.29	6489506.69	263.55	209.19	116.33	120	147.22	54414.57	0.07	2.81	0.25	-119.42	-37.01	0	0	-120	-35	7.12	5.97	5.26	4.49	3.52		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1717.2	-31.73	134.77	478993.82	6488993.51	256.64	203.59	111.74	120	144.91	54404.49	0.01	2.34	-0.95	-120.17	-36	0	0	-120	-35	7.78	6.47	5.7	4.89	3.89	2.8	1.75
D	6	1717.4	-31.73	134.77	478993.55	6488980.25	256.6	203.5	111.58	120	145.01	54404.2	0.01	2.38	-1.15	-120.04	-36.3	0	0	-120	-35	7.77	6.43	5.65	4.83	3.83	2.75	1.72
D	6	1717.6	-31.73	134.77	478993.29	6488966.99	256.56	203.38	111.53	120	145.03	54403.98	0.01	2.44	-1.21	-119.9	-36.59	0	0	-120	-35	7.76	6.4	5.6	4.77	3.76	2.69	1.69
D	6	1717.8	-31.73	134.77	478993.04	6488953.72	256.52	203.3	111.55	120	144.98	54403.81	0.01	2.46	-1.12	-119.75	-36.85	0	0	-120	-35	7.74	6.35	5.55	4.7	3.69	2.63	1.66
D	6	1718	-31.73	134.77	478992.78	6488940.46	256.5	203.3	111.63	120	144.86	54403.64	0.01	2.43	-1.06	-119.61	-37.1	0	0	-120	-35	7.72	6.3	5.48	4.61	3.6	2.57	1.62
D	6	1718.2	-31.73	134.77	478992.54	6488927.19	256.48	203.33	111.73	120	144.74	54403.45	0.01	2.31	-1.09	-119.5	-37.33	0	0	-120	-35	7.69	6.23	5.4	4.52	3.51	2.49	1.58
D	6	1718.4	-31.73	134.77	478992.29	6488913.91	256.46	203.37	111.84	120	144.63	54403.25	0.01	2.18	-1.07	-119.38	-37.51	0	0	-120	-35	7.65	6.17	5.31	4.43	3.42	2.42	1.53
D	6	1718.6	-31.73	134.77	478992.06	6488900.64	256.45	203.36	111.93	120	144.51	54403.01	0.01	2.06	-1	-119.29	-37.63	0	0	-120	-35	7.62	6.1	5.22	4.33	3.32	2.34	1.48
D	6	1718.8	-31.73	134.77	478991.83	6488887.36	256.43	203.28	112.03	120	144.4	54402.73	0	1.94	-0.94	-119.18	-37.71	0	0	-120	-35	7.58	6.03	5.14	4.23	3.23	2.27	1.44
D	6	1719	-31.73	134.77	478991.61	6488874.07	256.39	203.19	112.13	120	144.26	54402.46	0	1.82	-0.87	-119.14	-37.75	0	0	-120	-35	7.55	5.97	5.06	4.14	3.14	2.19	1.39
D	6	1719.2	-31.73	134.77	478991.39	6488860.78	256.35	203.14	112.26	120	144.09	54402.2	0	1.7	-0.79	-119.07	-37.76	0	0	-120	-35	7.53	5.91	4.99	4.06	3.06	2.13	1.34
D	6	1719.4	-31.73	134.77	478991.19	6488847.49	256.3	203.11	112.42	120	143.88	54401.96	0	1.61	-0.68	-119.03	-37.71	0	0	-120	-35	7.51	5.86	4.92	3.98	2.98	2.06	1.29
D	6	1719.6	-31.73	134.77	478990.99	6488834.19	256.23	203.07	112.59	120	143.64	54401.75	0	1.52	-0.58	-119.03	-37.63	0	0	-120	-35	7.49	5.8	4.85	3.89	2.9	1.99	1.24
D	6	1719.8	-31.73	134.77	478990.79	6488820.89	256.15	202.99	112.77	120	143.38	54401.58	0	1.44	-0.48	-119.04	-37.45	0	0	-120	-35	7.46	5.74	4.77	3.8	2.82	1.92	1.19
D	6	1720	-31.73	134.77	478990.58	6488807.58	256.04	202.85	112.92	120	143.12	54401.42	0	1.41	-0.33	-119.06	-37.22	0	0	-120	-35	7.42	5.67	4.69	3.71	2.72	1.84	1.13
D	6	1720.2	-31.73	134.77	478990.38	6488794.26	255.91	202.63	112.99	120	142.92	54401.24	0	1.4	-0.07	-119.13	-36.91	0	0	-120	-35	7.35	5.59	4.59	3.6	2.62	1.75	1.06
D	6	1720.4	-31.73	134.77	478990.16	6488780.94	255.76	202.35	112.95	120	142.81	54401.02	-0.01	1.44	0.25	-119.25	-36.55	0	0	-120	-35	7.27	5.51	4.49	3.5	2.52	1.67	0.99
D	6	1720.6	-31.73	134.77	478989.95	6488767.62	255.61	202.03	112.78	120	142.83	54400.8	-0.01	1.56	0.52	-119.39	-36.18	0	0	-120	-35	7.19	5.43	4.39	3.4	2.43	1.58	0.93
D	6	1720.8	-31.73	134.77	478989.74	6488754.29	255.45	201.71	112.52	120	142.94	54400.6	-0.01	1.7	0.63	-119.6	-35.79	0	0	-120	-35	7.12	5.36	4.32	3.32	2.35	1.51	0.87
D	6	1721	-31.73	134.77	478989.53	6488740.96	255.31	201.44	112.23	120	143.08	54400.38	-0.01	1.84	0.63	-119.8	-35.45	0	0	-120	-35	7.06	5.32	4.27	3.27	2.3	1.47	0.83
D	6	1721.2	-31.73	134.77	478989.33	6488727.62	255.18	201.25	112.02	120	143.16	54400.12	-0.01	1.96	0.5	-120.03	-35.14	0	0	-120	-35	7.04	5.31	4.26	3.27	2.29	1.46	0.81
D	6	1721.4	-31.73	134.77	478989.14	6488714.28	255.07	201.15	111.93	120	143.14	54399.86	-0.01	2.09	0.22	-120.24	-34.87	0	0	-120	-35	7.04	5.34	4.29	3.31	2.33	1.48	0.82
D	6	1721.6	-31.73	134.77	478988.95	6488700.94	254.98	201.12	111.97	120	143.01	54399.66	-0.02	2.23	-0.13	-120.42	-34.68	0	0	-120	-35	7.08	5.39	4.37	3.4	2.41	1.54	0.86
D	6	1721.8	-31.73	134.77	478988.78	6488687.6	254.91	201.1	112.09	120	142.82	54399.53	-0.02	2.4	-0.47	-120.58	-34.51	0	0	-120	-35	7.13	5.48	4.48	3.52	2.53	1.64	0.92
D	6	1722	-31.73	134.77	478988.62	6488674.25	254.86	201.09	112.25	120	142.6	54399.45	-0.02	2.55	-0.88	-120.7	-34.43	0	0	-120	-35	7.19	5.58	4.61	3.68	2.68	1.77	1
D	6	1722.2	-31.73	134.77	478988.48	6488660.91	254.82	201.03	112.38	120	142.44	54399.41	-0.02	2.65	-1.32	-120.77	-34.38	0	0	-120	-35	7.24	5.68	4.75	3.85	2.85	1.91	1.1
D	6	1722.4	-31.73	134.77	478988.36	6488647.56	254.81	200.93	112.47	120	142.34	54399.41	-0.02	2.75	-1.66	-120.83	-34.35	0	0	-120	-35	7.26	5.77	4.89	4.01	3.03	2.06	1.21
D	6	1722.6	-31.73	134.77	478988.26	6488634.22	254.82	200.82	112.51	120	142.31	54399.44	-0.02	2.8	-1.95	-120.87	-34.39	0	0	-120	-35	7.26	5.84	5	4.16	3.19	2.21	1.31
D	6	1722.8	-31.73	134.77	478988.19	6488620.88	254.84	200.69	112.5	120	142.34	54399.5	-0.02	2.8	-2.17	-120.87	-34.42	0	0	-120	-35	7.24	5.88	5.09	4.29	3.34	2.34	1.41
D	6	1723	-31.73	134.77	478988.15	6488607.54	254.87	200.58	112.44	120	142.43	54399.58	-0.02	2.79	-2.28	-120.87	-34.49	0	0	-120	-35	7.2	5.9	5.15	4.39	3.46	2.46	1.49
D	6	1723.2	-31.73	134.77	478988.14	6488594.21	254.91	200.5	112.38	120	142.53	54399.71	-0.02	2.78	-2.3	-120.83	-34.6	0	0	-120	-35	7.15	5.91	5.2	4.47	3.56	2.56	1.56
D	6	1723.4	-31.73	134.77	478988.17	6488580.89	254.96	200.46	112.35	120	142.6	54399.85	-0.02	2.76	-2.26	-120.78	-34.72	0	0	-120	-35	7.12	5.91	5.23	4.53	3.64	2.63	1.62
D	6	1723.6	-31.73	134.77	478988.22	6488567.57	255.02	200.48	112.43	120	142.58	54399.99	-0.02	2.76	-2.16	-120.72	-34.88	0	0	-120	-35	7.1	5.91	5.25	4.56	3.69	2.68	1.67
D	6	1723.8	-31.73	134.77	478988.31	6488554.26	255.09	200.59	112.68	120	142.41	54400.14	-0.02	2.8	-2.01	-120.63	-35.13	0	0	-120	-35	7.09	5.92	5.27	4.59	3.72	2.71	1.7
D	6	1724	-31.73	134.77	478988.43	6488540.96	255.18	200.77	113.07	120	142.11	54400.31	-0.02	2.83	-1.82	-120.52	-35.35	0	0	-120	-35	7.1	5.92	5.27	4.59	3.72	2.72	1.71
D	6	1724.2	-31.73	134.77	478988.58	6488527.66	255.28	201.04	113.6	120	141.68	54400.58	-0.02	2.89	-1.69	-120.39	-35.62	0	0	-120	-35	7.11	5.92	5.27	4.58	3.71	2.72	1.71
D	6	1724.4	-31.73	134.77	478988.77	6488514.37	255.4	201.34	114.2	120	141.2	54400.92	-0.02	2.92	-1.59	-120.26	-35.94	0	0	-120	-35	7.12	5.91	5.26	4.57	3.69	2.69	1.7
D	6	1724.6	-31.73	134.77	478988.98	6488501.08	255.52	201.62	114.82	120	140.7	54401.29	-0.02	2.93	-1.5	-120.13	-36.21	0	0	-120	-35	7.12	5.9	5.24	4.54	3.66	2.66	1.68
D	6	1724.8	-31.73	134.77	478989.2	6488487.8	255.66	201.89	115.46	120	140.2	54401.67	-0.02	2.92	-1.45	-120	-36.47	0	0	-120	-35	7.1	5.88	5.22	4.51	3.63	2.63	1.66
D	6	1725	-31.73	134.77	478989.45	6488474.52	255.8	202.12	116.09	120	139.71	54402.06	-0.01	2.89	-1.4	-119.89	-36.71	0	0	-120	-35	7.09	5.86	5.2	4.49	3.6	2.61	1.64
D	6	1725.2	-31.73	134.77	478989.71	6488461.25	255.94	202.3	116.69	120	139.25	54402.52	-0.01	2.86	-1.31	-119.79	-36.9	0	0	-120	-35	7.06	5.83	5.18	4.47	3.58	2.59	1.62
D	6	1725.4	-31.73	134.77	478989.98	6488447.98	256.09	202.48	117.25	120	138.84	54403.04	-0.01	2.84	-1.17	-119.72	-37.06	0	0	-120	-35	7.04	5.81	5.17	4.45	3.56	2.57	1.61
D	6	1725.6	-31.73	134.77	478990.26	6488434.71	256.24	202.68	117.75	120	138.5	54403.59	-0.01	2.82	-1.12	-119.66	-37.16	0	0	-120	-35	7.02	5.8	5.16	4.45	3.56	2.57	1.6
D	6	1725.8	-31.73	134.77	478990.54	6488421.45	256.39	202.91	118.15	120	138.24	54404.07	-0.01	2.8	-1.02	-119.62	-37.25	0	0	-120	-35	7.01	5.8	5.16	4.46	3.58	2.58	1.61

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1733.6	-31.74	134.77	479000.3	6487903.74	256.84	204.05	107.96	120	148.87	54414.52	0	3.32	0.09	-120.85	-35.03	0	0	-120	-35	7.52	5.49	4.38	3.33	2.3	1.42	0.76
D	6	1733.8	-31.74	134.77	479000.45	6487890.39	256.94	204.09	108.76	120	148.18	54414.57	0	3.42	0.07	-120.82	-35.25	0	0	-120	-35	7.49	5.45	4.35	3.31	2.29	1.42	0.76
D	6	1734	-31.74	134.77	479000.58	6487877.05	257.08	204.21	109.62	120	147.46	54414.57	0	3.45	0.1	-120.77	-35.53	0	0	-120	-35	7.44	5.4	4.3	3.27	2.26	1.41	0.76
D	6	1734.2	-31.74	134.77	479000.71	6487863.71	257.27	204.37	110.5	120	146.77	54414.5	0	3.41	0.11	-120.66	-35.82	0	0	-120	-35	7.38	5.33	4.25	3.22	2.23	1.39	0.75
D	6	1734.4	-31.74	134.77	479000.82	6487850.38	257.49	204.6	111.35	120	146.14	54414.47	0	3.33	0.07	-120.55	-36.15	0	0	-120	-35	7.3	5.26	4.18	3.15	2.18	1.36	0.74
D	6	1734.6	-31.74	134.77	479000.92	6487837.05	257.75	204.82	112.15	120	145.6	54414.59	0	3.2	0.02	-120.36	-36.44	0	0	-120	-35	7.21	5.17	4.1	3.08	2.12	1.32	0.72
D	6	1734.8	-31.74	134.77	479001.01	6487823.72	258.02	205	112.88	120	145.14	54414.8	0	3.06	0.03	-120.17	-36.73	0	0	-120	-35	7.1	5.08	4.01	3.01	2.06	1.28	0.69
D	6	1735	-31.74	134.77	479001.09	6487810.4	258.29	205.18	113.52	120	144.77	54414.92	0	2.95	0.27	-119.94	-36.99	0	0	-120	-35	6.99	5	3.93	2.93	2	1.24	0.67
D	6	1735.2	-31.74	134.77	479001.16	6487797.08	258.56	205.34	114.08	120	144.48	54414.91	0	2.87	0.58	-119.75	-37.22	0	0	-120	-35	6.88	4.91	3.85	2.87	1.95	1.2	0.65
D	6	1735.4	-31.74	134.77	479001.23	6487783.78	258.82	205.56	114.55	120	144.27	54414.87	0	2.88	0.59	-119.55	-37.4	0	0	-120	-35	6.78	4.83	3.78	2.81	1.9	1.17	0.62
D	6	1735.6	-31.74	134.77	479001.29	6487770.47	259.09	205.84	114.95	120	144.14	54414.93	0	2.95	0.5	-119.39	-37.59	0	0	-120	-35	6.67	4.76	3.72	2.76	1.86	1.14	0.61
D	6	1735.8	-31.74	134.77	479001.35	6487757.17	259.35	206.18	115.29	120	144.06	54415.07	0	3.03	0.48	-119.26	-37.71	0	0	-120	-35	6.57	4.7	3.67	2.72	1.84	1.12	0.59
D	6	1736	-31.74	134.77	479001.4	6487743.88	259.61	206.57	115.59	120	144.02	54415.17	0.01	3.11	0.48	-119.14	-37.8	0	0	-120	-35	6.47	4.64	3.63	2.69	1.82	1.11	0.59
D	6	1736.2	-31.74	134.77	479001.43	6487730.59	259.87	206.99	115.86	120	144.01	54415.25	0.01	3.17	0.38	-119.07	-37.91	0	0	-120	-35	6.38	4.59	3.6	2.68	1.82	1.11	0.58
D	6	1736.4	-31.74	134.77	479001.47	6487717.3	260.13	207.4	116.13	120	144.01	54415.35	0.01	3.23	0.26	-119.02	-38	0	0	-120	-35	6.31	4.55	3.58	2.68	1.82	1.12	0.59
D	6	1736.6	-31.74	134.77	479001.49	6487704.02	260.39	207.77	116.37	120	144.02	54415.43	0.01	3.31	0.31	-118.97	-38.09	0	0	-120	-35	6.24	4.53	3.58	2.7	1.85	1.14	0.6
D	6	1736.8	-31.74	134.77	479001.49	6487690.74	260.65	208.09	116.61	120	144.04	54415.42	0.01	3.36	0.51	-118.95	-38.16	0	0	-120	-35	6.2	4.52	3.59	2.73	1.89	1.17	0.62
D	6	1737	-31.74	134.77	479001.49	6487677.47	260.92	208.35	116.85	120	144.06	54415.31	0.01	3.36	0.72	-118.94	-38.22	0	0	-120	-35	6.17	4.52	3.62	2.78	1.94	1.21	0.65
D	6	1737.2	-31.74	134.77	479001.47	6487664.2	261.18	208.55	117.08	120	144.1	54415.13	0.01	3.33	0.9	-118.93	-38.27	0	0	-120	-35	6.15	4.54	3.67	2.84	2.01	1.27	0.69
D	6	1737.4	-31.74	134.77	479001.43	6487650.94	261.45	208.78	117.33	120	144.12	54414.86	0.01	3.28	1.07	-118.93	-38.32	0	0	-120	-35	6.15	4.58	3.73	2.92	2.09	1.34	0.74
D	6	1737.6	-31.74	134.77	479001.38	6487637.68	261.72	209.06	117.57	120	144.15	54414.45	0.01	3.25	1.18	-118.94	-38.36	0	0	-120	-35	6.15	4.62	3.8	3.01	2.18	1.42	0.79
D	6	1737.8	-31.74	134.77	479001.31	6487624.43	262	209.37	117.81	120	144.19	54413.9	0.01	3.22	1.16	-118.94	-38.37	0	0	-120	-35	6.15	4.66	3.87	3.1	2.28	1.51	0.86
D	6	1738	-31.74	134.77	479001.22	6487611.18	262.29	209.75	118.05	120	144.23	54413.24	0	3.21	0.96	-118.96	-38.31	0	0	-120	-35	6.13	4.7	3.94	3.19	2.37	1.6	0.93
D	6	1738.2	-31.74	134.77	479001.11	6487597.94	262.58	210.09	118.27	120	144.31	54412.54	-0.01	3.22	0.67	-118.98	-38.25	0	0	-120	-35	6.1	4.73	3.99	3.27	2.47	1.69	1.01
D	6	1738.4	-31.74	134.77	479000.99	6487584.7	262.89	210.36	118.47	120	144.41	54411.79	-0.01	3.21	0.46	-118.97	-38.13	0	0	-120	-35	6.06	4.74	4.04	3.34	2.56	1.78	1.09
D	6	1738.6	-31.74	134.77	479000.85	6487571.47	263.19	210.58	118.61	120	144.57	54411.01	-0.02	3.19	0.39	-119.01	-38.01	0	0	-120	-35	6.01	4.75	4.07	3.41	2.65	1.88	1.17
D	6	1738.8	-31.74	134.77	479000.69	6487558.24	263.47	210.7	118.65	120	144.82	54410.24	-0.03	3.18	0.52	-119.02	-37.83	0	0	-120	-35	5.95	4.75	4.09	3.46	2.73	1.97	1.25
D	6	1739	-31.74	134.77	479000.51	6487545.01	263.74	210.76	118.58	120	145.16	54409.52	-0.04	3.21	0.77	-119.07	-37.66	0	0	-120	-35	5.9	4.74	4.11	3.52	2.81	2.06	1.34
D	6	1739.2	-31.74	134.77	479000.32	6487531.79	263.98	210.86	118.36	120	145.61	54408.85	-0.04	3.22	1.07	-119.11	-37.49	0	0	-120	-35	5.85	4.73	4.13	3.57	2.89	2.15	1.42
D	6	1739.4	-31.74	134.77	479000.11	6487518.57	264.19	210.98	117.99	120	146.2	54408.18	-0.05	3.24	1.53	-119.16	-37.33	0	0	-120	-35	5.82	4.72	4.15	3.61	2.96	2.24	1.5
D	6	1739.6	-31.74	134.77	478999.89	6487505.36	264.4	211.18	117.42	120	146.97	54407.52	-0.06	3.27	1.83	-119.2	-37.16	0	0	-120	-35	5.79	4.72	4.16	3.64	3.02	2.31	1.57
D	6	1739.8	-31.74	134.77	478999.67	6487492.15	264.59	211.38	116.65	120	147.95	54406.9	-0.07	3.3	1.75	-119.25	-37.04	0	0	-120	-35	5.78	4.71	4.17	3.67	3.06	2.36	1.62
D	6	1740	-31.74	134.77	478999.43	6487478.94	264.8	211.49	115.69	120	149.11	54406.38	-0.07	3.33	1.4	-119.29	-36.96	0	0	-120	-35	5.77	4.7	4.17	3.68	3.09	2.4	1.66
D	6	1740.2	-31.74	134.77	478999.19	6487465.74	265.01	211.53	114.69	120	150.32	54405.99	-0.08	3.35	0.98	-119.35	-36.91	0	0	-120	-35	5.77	4.68	4.16	3.67	3.09	2.41	1.68
D	6	1740.4	-31.74	134.77	478998.94	6487452.54	265.23	211.5	113.87	120	151.37	54405.73	-0.08	3.35	0.56	-119.41	-36.87	0	0	-120	-35	5.77	4.66	4.15	3.66	3.08	2.41	1.68
D	6	1740.6	-31.74	134.77	478998.7	6487439.35	265.46	211.48	113.45	120	152.02	54405.58	-0.08	3.39	0.14	-119.45	-36.83	0	0	-120	-35	5.77	4.64	4.12	3.63	3.05	2.38	1.67
D	6	1740.8	-31.74	134.77	478998.47	6487426.16	265.71	211.58	113.59	120	152.12	54405.52	-0.08	3.39	-0.27	-119.49	-36.84	0	0	-120	-35	5.77	4.62	4.09	3.59	3.01	2.35	1.65
D	6	1741	-31.74	134.77	478998.25	6487412.98	265.97	211.79	114.31	120	151.66	54405.56	-0.08	3.36	-0.76	-119.53	-36.81	0	0	-120	-35	5.76	4.59	4.06	3.55	2.97	2.31	1.62
D	6	1741.2	-31.74	134.77	478998.06	6487399.82	266.25	212.13	115.48	120	150.77	54405.73	-0.08	3.31	-1.21	-119.54	-36.83	0	0	-120	-35	5.75	4.57	4.03	3.51	2.92	2.26	1.59
D	6	1741.4	-31.74	134.77	478997.89	6487386.65	266.56	212.61	116.9	120	149.65	54405.97	-0.08	3.28	-1.53	-119.6	-36.86	0	0	-120	-35	5.72	4.54	3.99	3.47	2.87	2.22	1.57
D	6	1741.6	-31.74	134.77	478997.74	6487373.5	266.87	213.14	118.35	120	148.52	54406.23	-0.07	3.28	-1.73	-119.62	-36.88	0	0	-120	-35	5.69	4.51	3.95	3.43	2.83	2.18	1.54
D	6	1741.8	-31.74	134.77	478997.61	6487360.35	267.19	213.65	119.66	120	147.53	54406.48	-0.07	3.28	-1.79	-119.65	-36.88	0	0	-120	-35	5.65	4.48	3.91	3.38	2.79	2.15	1.52
D	6	1742	-31.74	134.77	478997.49	6487347.21	267.5	214.09	120.75	120	146.75	54406.75	-0.07	3.31	-1.8	-119.66	-36.85	0	0	-120	-35	5.6	4.43	3.86	3.34	2.75	2.11	1.49
D	6	1742.2	-31.74	134.77	478997.39	6487334.07	267.8	214.4	121.61	120	146.19	54407.09	-0.07	3.34	-1.81	-119.64	-36.87	0	0	-120	-35	5.54	4.39	3.81	3.29	2.7	2.08	1.

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1750	-31.75	134.77	478999.68	6486820.6	268.29	215.38	131.2	120	137.09	54428.58	-0.04	1.01	-0.08	-120.8	-33.34	0	0	-120	-35	4.35	3.67	3.36	3.06	2.72	2.31	1.81
D	6	1750.2	-31.75	134.77	478999.78	6486807.3	268.1	215.08	130.84	120	137.26	54429.2	-0.04	0.86	-0.06	-120.76	-33.44	0	0	-120	-35	4.35	3.68	3.37	3.07	2.73	2.31	1.81
D	6	1750.4	-31.75	134.77	478999.88	6486794	267.88	214.79	130.41	120	137.47	54429.79	-0.04	0.72	0.07	-120.72	-33.55	0	0	-120	-35	4.37	3.69	3.39	3.08	2.74	2.32	1.82
D	6	1750.6	-31.75	134.77	478999.98	6486780.68	267.64	214.51	129.92	120	137.72	54430.35	-0.04	0.61	0.17	-120.7	-33.59	0	0	-120	-35	4.39	3.72	3.41	3.1	2.75	2.33	1.83
D	6	1750.8	-31.75	134.77	479000.08	6486767.35	267.37	214.23	129.39	120	137.97	54430.92	-0.04	0.55	0.24	-120.71	-33.6	0	0	-120	-35	4.41	3.74	3.42	3.11	2.76	2.34	1.83
D	6	1751	-31.75	134.77	479000.18	6486754.02	267.07	213.93	128.87	120	138.19	54431.51	-0.04	0.5	0.4	-120.71	-33.58	0	0	-120	-35	4.43	3.76	3.44	3.13	2.77	2.34	1.83
D	6	1751.2	-31.75	134.77	479000.29	6486740.67	266.74	213.57	128.33	120	138.41	54432.14	-0.04	0.49	0.55	-120.74	-33.48	0	0	-120	-35	4.46	3.78	3.45	3.13	2.78	2.34	1.83
D	6	1751.4	-31.75	134.77	479000.39	6486727.31	266.39	213.14	127.77	120	138.63	54432.83	-0.04	0.48	0.75	-120.77	-33.39	0	0	-120	-35	4.48	3.8	3.46	3.14	2.78	2.34	1.83
D	6	1751.6	-31.75	134.77	479000.49	6486713.94	266.03	212.72	127.18	120	138.85	54433.6	-0.04	0.44	0.97	-120.84	-33.26	0	0	-120	-35	4.5	3.82	3.47	3.15	2.79	2.34	1.82
D	6	1751.8	-31.75	134.77	479000.59	6486700.56	265.67	212.27	126.6	120	139.07	54434.38	-0.04	0.42	1.32	-120.91	-33.14	0	0	-120	-35	4.54	3.85	3.49	3.17	2.8	2.35	1.83
D	6	1752	-31.75	134.77	479000.7	6486687.17	265.31	211.84	126.04	120	139.26	54435.07	-0.04	0.46	1.73	-120.97	-33.03	0	0	-120	-35	4.59	3.89	3.52	3.19	2.81	2.36	1.83
D	6	1752.2	-31.75	134.77	479000.81	6486673.76	264.96	211.46	125.56	120	139.39	54435.66	-0.04	0.57	1.73	-121.03	-32.91	0	0	-120	-35	4.65	3.94	3.56	3.22	2.84	2.38	1.85
D	6	1752.4	-31.75	134.77	479000.92	6486660.34	264.62	211.12	125.15	120	139.46	54436.22	-0.04	0.69	1.31	-121.07	-32.78	0	0	-120	-35	4.74	3.99	3.61	3.27	2.88	2.42	1.87
D	6	1752.6	-31.75	134.77	479001.03	6486646.91	264.29	210.78	124.78	120	139.51	54436.85	-0.04	0.79	0.72	-121.1	-32.69	0	0	-120	-35	4.83	4.06	3.67	3.32	2.92	2.45	1.9
D	6	1752.8	-31.75	134.77	479001.14	6486633.47	263.98	210.48	124.39	120	139.59	54437.56	-0.04	0.86	0.22	-121.14	-32.61	0	0	-120	-35	4.93	4.12	3.73	3.37	2.96	2.49	1.93
D	6	1753	-31.75	134.77	479001.25	6486620.03	263.68	210.2	123.86	120	139.82	54438.33	-0.04	0.89	-0.1	-121.17	-32.54	0	0	-120	-35	5.01	4.17	3.78	3.41	3	2.52	1.95
D	6	1753.2	-31.75	134.77	479001.36	6486606.58	263.41	209.99	123.13	120	140.28	54439.15	-0.04	0.91	-0.34	-121.18	-32.49	0	0	-120	-35	5.08	4.22	3.83	3.45	3.03	2.55	1.97
D	6	1753.4	-31.75	134.77	479001.48	6486593.13	263.15	209.88	122.13	120	141.02	54439.98	-0.04	0.9	-0.42	-121.21	-32.42	0	0	-120	-35	5.12	4.25	3.86	3.47	3.05	2.57	1.99
D	6	1753.6	-31.75	134.77	479001.59	6486579.68	262.9	209.8	120.89	120	142.01	54440.76	-0.04	0.88	-0.39	-121.24	-32.35	0	0	-120	-35	5.15	4.28	3.87	3.49	3.07	2.58	2
D	6	1753.8	-31.75	134.77	479001.69	6486566.22	262.66	209.7	119.51	120	143.14	54441.52	-0.04	0.87	-0.37	-121.27	-32.29	0	0	-120	-35	5.16	4.29	3.88	3.5	3.08	2.59	2
D	6	1754	-31.75	134.77	479001.78	6486552.76	262.4	209.55	118.18	120	144.22	54442.26	-0.04	0.92	-0.28	-121.29	-32.23	0	0	-120	-35	5.17	4.31	3.89	3.51	3.08	2.59	2.01
D	6	1754.2	-31.75	134.77	479001.86	6486539.3	262.14	209.34	117.1	120	145.04	54442.97	-0.04	1.01	-0.04	-121.34	-32.21	0	0	-120	-35	5.17	4.32	3.9	3.52	3.09	2.6	2.02
D	6	1754.4	-31.75	134.77	479001.93	6486525.82	261.88	209.09	116.44	120	145.44	54443.63	-0.04	1.13	0.16	-121.34	-32.18	0	0	-120	-35	5.18	4.34	3.91	3.53	3.11	2.61	2.03
D	6	1754.6	-31.75	134.77	479001.99	6486512.35	261.61	208.79	116.23	120	145.38	54444.3	-0.04	1.23	0.22	-121.36	-32.19	0	0	-120	-35	5.2	4.36	3.93	3.55	3.13	2.63	2.05
D	6	1754.8	-31.75	134.77	479002.04	6486498.87	261.34	208.43	116.45	120	144.89	54445.04	-0.04	1.28	0.25	-121.38	-32.2	0	0	-120	-35	5.23	4.38	3.95	3.58	3.15	2.65	2.07
D	6	1755	-31.75	134.77	479002.08	6486485.39	261.08	208.02	116.95	120	144.13	54445.83	-0.04	1.27	0.22	-121.4	-32.26	0	0	-120	-35	5.27	4.42	3.99	3.61	3.18	2.68	2.1
D	6	1755.2	-31.75	134.77	479002.11	6486471.9	260.82	207.59	117.61	120	143.21	54446.58	-0.04	1.19	0.16	-121.37	-32.33	0	0	-120	-35	5.31	4.46	4.02	3.64	3.21	2.71	2.13
D	6	1755.4	-31.75	134.77	479002.13	6486458.41	260.56	207.2	118.28	120	142.29	54447.23	-0.04	1.11	0.12	-121.39	-32.4	0	0	-120	-35	5.36	4.49	4.06	3.67	3.24	2.74	2.15
D	6	1755.6	-31.75	134.77	479002.15	6486444.92	260.32	206.86	118.88	120	141.44	54447.81	-0.04	1.06	0.01	-121.38	-32.5	0	0	-120	-35	5.4	4.53	4.09	3.7	3.27	2.77	2.18
D	6	1755.8	-31.75	134.77	479002.16	6486431.42	260.09	206.57	119.35	120	140.74	54448.39	-0.04	1.12	-0.16	-121.33	-32.59	0	0	-120	-35	5.45	4.56	4.12	3.73	3.29	2.79	2.2
D	6	1756	-31.75	134.77	479002.19	6486417.92	259.89	206.32	119.69	120	140.2	54448.99	-0.04	1.28	-0.38	-121.33	-32.7	0	0	-120	-35	5.48	4.59	4.14	3.75	3.32	2.81	2.22
D	6	1756.2	-31.75	134.77	479002.22	6486404.41	259.72	206.08	119.92	120	139.79	54449.65	-0.05	1.48	-0.75	-121.3	-32.83	0	0	-120	-35	5.52	4.61	4.17	3.77	3.34	2.83	2.24
D	6	1756.4	-31.75	134.77	479002.26	6486390.91	259.56	205.88	120.06	120	139.5	54450.34	-0.05	1.66	-1.13	-121.27	-32.95	0	0	-120	-35	5.55	4.64	4.19	3.79	3.35	2.85	2.26
D	6	1756.6	-31.75	134.77	479002.31	6486377.4	259.44	205.74	120.14	120	139.3	54451.06	-0.05	1.8	-1.38	-121.22	-33.1	0	0	-120	-35	5.58	4.66	4.21	3.81	3.37	2.86	2.28
D	6	1756.8	-31.75	134.77	479002.36	6486363.89	259.33	205.67	120.14	120	139.18	54451.76	-0.05	1.9	-1.43	-121.17	-33.24	0	0	-120	-35	5.61	4.68	4.23	3.83	3.39	2.88	2.29
D	6	1757	-31.75	134.77	479002.43	6486350.38	259.23	205.69	120.02	120	139.21	54452.44	-0.05	1.97	-1.37	-121.12	-33.38	0	0	-120	-35	5.63	4.7	4.24	3.85	3.4	2.89	2.3
D	6	1757.2	-31.75	134.77	479002.51	6486336.87	259.16	205.72	119.73	120	139.42	54453.11	-0.06	2.02	-1.24	-121.06	-33.58	0	0	-120	-35	5.64	4.71	4.26	3.86	3.41	2.9	2.31
D	6	1757.4	-31.75	134.77	479002.59	6486323.37	259.1	205.7	119.26	120	139.84	54453.81	-0.06	2.06	-1.03	-121	-33.78	0	0	-120	-35	5.65	4.72	4.27	3.87	3.42	2.91	2.32
D	6	1757.6	-31.75	134.77	479002.69	6486309.86	259.05	205.62	118.68	120	140.37	54454.58	-0.06	2.09	-0.79	-120.94	-33.97	0	0	-120	-35	5.65	4.72	4.28	3.88	3.42	2.91	2.32
D	6	1757.8	-31.75	134.77	479002.79	6486296.36	259.01	205.43	118.19	120	140.82	54455.43	-0.06	2.13	-0.56	-120.86	-34.18	0	0	-120	-35	5.66	4.72	4.28	3.88	3.43	2.92	2.32
D	6	1758	-31.75	134.77	479002.89	6486282.87	258.98	205.21	117.96	120	141.01	54456.32	-0.06	2.16	-0.32	-120.76	-34.35	0	0	-120	-35	5.65	4.72	4.29	3.89	3.44	2.92	2.32
D	6	1758.2	-31.75	134.77	479002.99	6486269.39	258.94	205.06	118.09	120	140.84	54457.19	-0.06	2.18	-0.01	-120.7	-34.52	0	0	-120	-35	5.65	4.72	4.29	3.89	3.44	2.92	2.32
D	6	1758.4	-31.75	134.77	479003.1	6486255.92	258.9	205.04	118.54	120	140.36	54458.03	-0.06	2.23	0.29	-120.61	-34.67	0	0	-120	-35	5.64	4.71	4.28	3.88	3.44	2.92	2.31
D	6	1758.6	-31.75	134.77	479003.21	6486242.45	258.87	205.22	119.15	120	139.73	54458.89	-0.07	2.31	0.4	-120.52	-34.82	0	0	-120	-35	5.64	4.7	4				

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1766.4	-31.76	134.77	479006.79	6485720.55	259.86	206.81	121.97	120	137.89	54515.77	-0.01	2.83	0.19	-120.78	-34.32	0	0	-120	-35	5.22	4.4	4.03	3.68	3.27	2.82	2.29
D	6	1766.6	-31.76	134.77	479006.79	6485707.24	259.99	206.87	122.46	120	137.53	54517.53	-0.01	2.8	0.16	-120.66	-34.6	0	0	-120	-35	5.24	4.41	4.04	3.69	3.29	2.83	2.3
D	6	1766.8	-31.76	134.77	479006.77	6485693.93	260.13	206.91	122.74	120	137.39	54519.3	0	2.77	0.21	-120.51	-34.87	0	0	-120	-35	5.28	4.43	4.07	3.71	3.3	2.85	2.32
D	6	1767	-31.76	134.77	479006.75	6485680.63	260.29	206.99	122.79	120	137.49	54521.11	0	2.75	0.26	-120.33	-35.19	0	0	-120	-35	5.3	4.45	4.09	3.73	3.32	2.86	2.33
D	6	1767.2	-31.76	134.77	479006.72	6485667.34	260.44	207.09	122.64	120	137.8	54522.91	0	2.73	0.37	-120.16	-35.51	0	0	-120	-35	5.31	4.45	4.1	3.74	3.33	2.87	2.34
D	6	1767.4	-31.76	134.77	479006.68	6485654.05	260.61	207.16	122.36	120	138.25	54524.62	0	2.68	0.52	-119.99	-35.77	0	0	-120	-35	5.3	4.45	4.09	3.73	3.33	2.87	2.34
D	6	1767.6	-31.76	134.77	479006.63	6485640.77	260.77	207.23	121.98	120	138.78	54526.24	0	2.63	0.45	-119.86	-35.99	0	0	-120	-35	5.26	4.42	4.07	3.71	3.31	2.85	2.33
D	6	1767.8	-31.76	134.77	479006.57	6485627.5	260.93	207.3	121.57	120	139.36	54527.84	0.01	2.62	0.14	-119.75	-36.18	0	0	-120	-35	5.21	4.39	4.04	3.69	3.29	2.84	2.32
D	6	1768	-31.76	134.77	479006.52	6485614.24	261.08	207.37	121.18	120	139.91	54529.48	0.01	2.66	-0.29	-119.64	-36.32	0	0	-120	-35	5.16	4.36	4	3.65	3.26	2.81	2.3
D	6	1768.2	-31.76	134.77	479006.45	6485600.99	261.23	207.46	120.79	120	140.44	54531.17	0.01	2.7	-0.71	-119.6	-36.4	0	0	-120	-35	5.11	4.32	3.96	3.62	3.24	2.79	2.29
D	6	1768.4	-31.76	134.77	479006.39	6485587.75	261.36	207.58	120.45	120	140.91	54532.84	0.01	2.74	-1.08	-119.56	-36.48	0	0	-120	-35	5.08	4.29	3.94	3.6	3.22	2.78	2.28
D	6	1768.6	-31.76	134.77	479006.33	6485574.52	261.49	207.71	120.18	120	141.31	54534.49	0.01	2.8	-1.47	-119.53	-36.54	0	0	-120	-35	5.07	4.27	3.92	3.58	3.2	2.76	2.27
D	6	1768.8	-31.76	134.77	479006.28	6485561.29	261.63	207.88	119.96	120	141.67	54536.13	0.01	2.84	-1.86	-119.49	-36.56	0	0	-120	-35	5.06	4.26	3.91	3.57	3.19	2.76	2.27
D	6	1769	-31.76	134.77	479006.25	6485548.08	261.78	208.05	119.77	120	142.02	54537.76	0.01	2.86	-2.17	-119.46	-36.58	0	0	-120	-35	5.07	4.25	3.9	3.56	3.19	2.75	2.27
D	6	1769.2	-31.76	134.77	479006.24	6485534.87	261.95	208.22	119.54	120	142.41	54539.4	0.01	2.86	-2.44	-119.46	-36.62	0	0	-120	-35	5.06	4.23	3.9	3.55	3.18	2.75	2.27
D	6	1769.4	-31.76	134.77	479006.25	6485521.67	262.14	208.4	119.21	120	142.94	54541.05	0.01	2.79	-2.61	-119.42	-36.63	0	0	-120	-35	5.05	4.21	3.88	3.54	3.16	2.74	2.26
D	6	1769.6	-31.76	134.77	479006.28	6485508.47	262.34	208.58	118.73	120	143.61	54542.69	0.01	2.7	-2.63	-119.42	-36.66	0	0	-120	-35	5.03	4.19	3.86	3.52	3.15	2.72	2.25
D	6	1769.8	-31.76	134.77	479006.33	6485495.29	262.53	208.77	118.15	120	144.38	54544.33	0.01	2.63	-2.48	-119.41	-36.66	0	0	-120	-35	5	4.15	3.84	3.5	3.12	2.71	2.24
D	6	1770	-31.76	134.77	479006.39	6485482.12	262.7	208.98	117.57	120	145.13	54545.98	0.02	2.6	-2.15	-119.41	-36.69	0	0	-120	-35	4.96	4.12	3.81	3.47	3.1	2.69	2.24
D	6	1770.2	-31.76	134.77	479006.46	6485468.96	262.85	209.17	117.18	120	145.67	54547.63	0.02	2.55	-1.74	-119.4	-36.68	0	0	-120	-35	4.93	4.09	3.79	3.45	3.08	2.68	2.23
D	6	1770.4	-31.76	134.77	479006.55	6485455.81	262.98	209.35	117.16	120	145.82	54549.28	0.02	2.53	-1.33	-119.42	-36.69	0	0	-120	-35	4.9	4.08	3.77	3.44	3.07	2.67	2.23
D	6	1770.6	-31.76	134.77	479006.65	6485442.67	263.1	209.48	117.55	120	145.55	54550.93	0.02	2.54	-0.95	-119.43	-36.67	0	0	-120	-35	4.9	4.07	3.76	3.43	3.07	2.67	2.23
D	6	1770.8	-31.76	134.77	479006.76	6485429.53	263.22	209.6	118.29	120	144.94	54552.54	0.02	2.58	-0.59	-119.48	-36.65	0	0	-120	-35	4.9	4.06	3.76	3.43	3.07	2.67	2.24
D	6	1771	-31.76	134.77	479006.88	6485416.4	263.35	209.72	119.24	120	144.12	54554.1	0.02	2.62	-0.32	-119.49	-36.63	0	0	-120	-35	4.91	4.07	3.76	3.43	3.07	2.68	2.25
D	6	1771.2	-31.76	134.77	479007.01	6485403.27	263.49	209.89	120.21	120	143.28	54555.55	0.02	2.58	-0.32	-119.53	-36.54	0	0	-120	-35	4.92	4.07	3.76	3.43	3.07	2.68	2.25
D	6	1771.4	-31.76	134.77	479007.14	6485390.15	263.64	210.14	121.13	120	142.51	54556.95	0.02	2.47	-0.65	-119.56	-36.49	0	0	-120	-35	4.91	4.06	3.75	3.42	3.07	2.68	2.26
D	6	1771.6	-31.76	134.77	479007.27	6485377.03	263.77	210.38	121.95	120	141.82	54558.36	0.02	2.36	-1.11	-119.6	-36.35	0	0	-120	-35	4.89	4.04	3.73	3.41	3.05	2.67	2.25
D	6	1771.8	-31.76	134.77	479007.41	6485363.91	263.88	210.63	122.65	120	141.22	54559.83	0.02	2.33	-1.51	-119.64	-36.21	0	0	-120	-35	4.86	4.02	3.7	3.38	3.03	2.65	2.24
D	6	1772	-31.76	134.77	479007.56	6485350.8	263.95	210.84	123.27	120	140.67	54561.37	0.02	2.33	-1.82	-119.72	-36.04	0	0	-120	-35	4.81	3.99	3.67	3.35	3.01	2.63	2.23
D	6	1772.2	-31.76	134.77	479007.7	6485337.69	263.97	210.99	123.85	120	140.12	54562.92	0.03	2.34	-1.9	-119.76	-35.84	0	0	-120	-35	4.75	3.95	3.63	3.32	2.98	2.61	2.22
D	6	1772.4	-31.76	134.77	479007.85	6485324.59	263.95	211.07	124.39	120	139.56	54564.46	0.03	2.37	-1.72	-119.84	-35.62	0	0	-120	-35	4.69	3.92	3.6	3.29	2.96	2.59	2.2
D	6	1772.6	-31.76	134.77	479008	6485311.49	263.91	211.06	124.92	120	138.99	54565.97	0.03	2.36	-1.37	-119.9	-35.41	0	0	-120	-35	4.64	3.88	3.56	3.27	2.94	2.58	2.19
D	6	1772.8	-31.76	134.77	479008.16	6485298.39	263.86	210.9	125.47	120	138.39	54567.46	0.03	2.32	-0.96	-119.96	-35.2	0	0	-120	-35	4.59	3.86	3.54	3.25	2.92	2.57	2.19
D	6	1773	-31.76	134.77	479008.31	6485285.29	263.81	210.67	126.03	120	137.78	54568.95	0.03	2.24	-0.59	-120.03	-35.06	0	0	-120	-35	4.55	3.84	3.52	3.24	2.91	2.57	2.19
D	6	1773.2	-31.76	134.77	479008.47	6485272.2	263.78	210.48	126.6	120	137.18	54570.45	0.03	2.15	-0.36	-120.07	-34.91	0	0	-120	-35	4.52	3.83	3.51	3.24	2.91	2.57	2.19
D	6	1773.4	-31.76	134.77	479008.63	6485259.1	263.77	210.4	127.18	120	136.59	54571.93	0.03	2.01	-0.15	-120.13	-34.84	0	0	-120	-35	4.49	3.83	3.51	3.23	2.91	2.57	2.2
D	6	1773.6	-31.76	134.77	479008.79	6485246.01	263.75	210.46	127.71	120	136.04	54573.33	0.03	1.89	-0.02	-120.14	-34.76	0	0	-120	-35	4.47	3.82	3.51	3.24	2.92	2.58	2.2
D	6	1773.8	-31.76	134.77	479008.94	6485232.92	263.72	210.59	128.15	120	135.57	54574.71	0.04	1.83	0.02	-120.18	-34.71	0	0	-120	-35	4.46	3.82	3.51	3.24	2.92	2.58	2.21
D	6	1774	-31.76	134.77	479009.08	6485219.83	263.68	210.71	128.46	120	135.21	54576.16	0.04	1.77	0.15	-120.23	-34.64	0	0	-120	-35	4.45	3.82	3.51	3.24	2.93	2.59	2.22
D	6	1774.2	-31.76	134.77	479009.21	6485206.75	263.61	210.76	128.61	120	135	54577.7	0.04	1.7	0.38	-120.27	-34.59	0	0	-120	-35	4.44	3.83	3.51	3.25	2.94	2.6	2.23
D	6	1774.4	-31.76	134.77	479009.32	6485193.66	263.53	210.71	128.57	120	134.97	54579.25	0.04	1.62	0.74	-120.34	-34.51	0	0	-120	-35	4.43	3.83	3.51	3.25	2.94	2.6	2.23
D	6	1774.6	-31.76	134.77	479009.42	6485180.57	263.44	210.58	128.34	120	135.1	54580.75	0.04	1.55	1.21	-120.41	-34.42	0	0	-120	-35	4.43	3.83	3.52	3.26	2.95	2.61	2.24
D	6	1774.8	-31.76	134.77	479009.51	6485167.48	263.35	210.4	127.98	120	135.37	54582.2	0.04	1.54	1.66	-120.47	-34.31	0	0	-120	-35	4.43	3.83	3.52	3.26	2.95	2.61	2.24
D	6	1775	-31.76	134.77	479009.58	6485154.38	263.27	210.22	127.47	120	135.79	54583.6	0.05	1.6	1.96	-120.56	-34.21	0	0	-120	-35	4.43	3.83	3.52	3.			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1782.8	-31.77	134.77	479008.01	6484643.77	260.77	208.19	123.08	120	137.68	54620.58	0.06	2.26	0.76	-119.96	-36.41	0	0	-120	-35	4.82	4.14	3.82	3.53	3.2	2.85	2.47
D	6	1783	-31.77	134.77	479007.89	6484630.72	260.78	208.19	124.25	120	136.53	54621.13	0.06	2.3	0.61	-119.93	-36.37	0	0	-120	-35	4.83	4.15	3.83	3.53	3.21	2.85	2.47
D	6	1783.2	-31.77	134.77	479007.75	6484617.67	260.78	208.18	125.19	120	135.6	54621.59	0.06	2.34	0.3	-119.9	-36.37	0	0	-120	-35	4.85	4.15	3.83	3.53	3.21	2.85	2.47
D	6	1783.4	-31.77	134.77	479007.61	6484604.62	260.78	208.18	125.82	120	134.96	54622.05	0.05	2.36	-0.18	-119.86	-36.34	0	0	-120	-35	4.87	4.16	3.84	3.54	3.21	2.85	2.47
D	6	1783.6	-31.77	134.77	479007.45	6484591.57	260.77	208.12	126.1	120	134.67	54622.55	0.05	2.32	-0.73	-119.85	-36.31	0	0	-120	-35	4.88	4.17	3.84	3.54	3.21	2.85	2.47
D	6	1783.8	-31.77	134.77	479007.3	6484578.52	260.75	208	126.02	120	134.73	54623.05	0.05	2.24	-1.15	-119.83	-36.25	0	0	-120	-35	4.89	4.17	3.84	3.54	3.21	2.85	2.47
D	6	1784	-31.77	134.77	479007.14	6484565.47	260.72	207.85	125.55	120	135.16	54623.48	0.05	2.11	-1.44	-119.8	-36.19	0	0	-120	-35	4.88	4.16	3.83	3.54	3.21	2.85	2.47
D	6	1784.2	-31.77	134.77	479006.99	6484552.42	260.67	207.68	124.79	120	135.88	54623.84	0.04	1.93	-1.69	-119.78	-36.08	0	0	-120	-35	4.87	4.15	3.82	3.53	3.2	2.84	2.46
D	6	1784.4	-31.77	134.77	479006.84	6484539.37	260.61	207.51	123.8	120	136.8	54624.19	0.04	1.78	-1.9	-119.8	-35.99	0	0	-120	-35	4.84	4.14	3.81	3.52	3.19	2.83	2.45
D	6	1784.6	-31.77	134.77	479006.7	6484526.33	260.53	207.35	122.67	120	137.86	54624.56	0.04	1.65	-2.08	-119.79	-35.86	0	0	-120	-35	4.82	4.12	3.79	3.5	3.18	2.82	2.45
D	6	1784.8	-31.77	134.77	479006.57	6484513.28	260.45	207.18	121.46	120	138.99	54624.92	0.03	1.54	-2.17	-119.83	-35.75	0	0	-120	-35	4.8	4.1	3.78	3.49	3.17	2.81	2.44
D	6	1785	-31.77	134.77	479006.45	6484500.23	260.35	206.97	120.17	120	140.18	54625.25	0.03	1.48	-2.29	-119.84	-35.61	0	0	-120	-35	4.79	4.09	3.77	3.48	3.16	2.81	2.43
D	6	1785.2	-31.77	134.77	479006.34	6484487.18	260.24	206.76	118.8	120	141.44	54625.57	0.03	1.41	-2.49	-119.87	-35.46	0	0	-120	-35	4.79	4.07	3.76	3.48	3.15	2.8	2.43
D	6	1785.4	-31.77	134.77	479006.25	6484474.13	260.12	206.55	117.32	120	142.81	54625.9	0.03	1.34	-2.66	-119.9	-35.32	0	0	-120	-35	4.81	4.07	3.77	3.48	3.15	2.8	2.43
D	6	1785.6	-31.77	134.77	479006.18	6484461.08	259.99	206.37	115.74	120	144.26	54626.3	0.02	1.3	-2.79	-119.95	-35.17	0	0	-120	-35	4.83	4.08	3.78	3.48	3.16	2.81	2.44
D	6	1785.8	-31.77	134.77	479006.13	6484448.03	259.85	206.23	114.12	120	145.73	54626.76	0.02	1.29	-2.92	-120	-35.03	0	0	-120	-35	4.87	4.1	3.79	3.5	3.17	2.82	2.44
D	6	1786	-31.77	134.77	479006.11	6484434.97	259.69	206.1	112.57	120	147.12	54627.26	0.02	1.28	-3	-120.05	-34.89	0	0	-120	-35	4.9	4.11	3.81	3.51	3.18	2.83	2.45
D	6	1786.2	-31.77	134.77	479006.11	6484421.92	259.52	205.97	111.28	120	148.25	54627.73	0.02	1.27	-2.88	-120.13	-34.75	0	0	-120	-35	4.94	4.14	3.82	3.52	3.2	2.84	2.47
D	6	1786.4	-31.77	134.77	479006.13	6484408.86	259.34	205.87	110.32	120	149.03	54628.14	0.02	1.26	-2.64	-120.21	-34.56	0	0	-120	-35	4.99	4.16	3.84	3.54	3.21	2.86	2.48
D	6	1786.6	-31.77	134.77	479006.18	6484395.8	259.16	205.78	109.7	120	149.46	54628.57	0.02	1.28	-2.43	-120.29	-34.38	0	0	-120	-35	5.04	4.19	3.86	3.56	3.23	2.88	2.49
D	6	1786.8	-31.77	134.77	479006.24	6484382.73	258.97	205.67	109.32	120	149.66	54629.12	0.02	1.34	-2.18	-120.4	-34.23	0	0	-120	-35	5.1	4.23	3.89	3.59	3.25	2.9	2.51
D	6	1787	-31.77	134.77	479006.31	6484369.67	258.79	205.54	108.96	120	149.83	54629.78	0.02	1.43	-1.8	-120.51	-34.05	0	0	-120	-35	5.17	4.27	3.92	3.62	3.28	2.92	2.53
D	6	1787.2	-31.77	134.77	479006.38	6484356.6	258.61	205.36	108.42	120	150.18	54630.46	0.02	1.54	-1.14	-120.62	-33.92	0	0	-120	-35	5.26	4.31	3.95	3.65	3.31	2.95	2.55
D	6	1787.4	-31.77	134.77	479006.46	6484343.53	258.43	205.16	107.61	120	150.82	54631.01	0.02	1.72	-0.38	-120.73	-33.79	0	0	-120	-35	5.34	4.36	3.99	3.69	3.34	2.98	2.58
D	6	1787.6	-31.77	134.77	479006.54	6484330.46	258.28	204.95	106.52	120	151.76	54631.53	0.02	1.97	0.1	-120.82	-33.7	0	0	-120	-35	5.42	4.4	4.03	3.72	3.37	3.01	2.6
D	6	1787.8	-31.77	134.77	479006.61	6484317.39	258.15	204.77	105.27	120	152.88	54632.1	0.02	2.25	0.42	-120.92	-33.64	0	0	-120	-35	5.49	4.44	4.06	3.75	3.4	3.03	2.62
D	6	1788	-31.77	134.77	479006.68	6484304.33	258.07	204.61	104.05	120	154.02	54632.76	0.02	2.55	0.68	-120.98	-33.62	0	0	-120	-35	5.54	4.47	4.09	3.78	3.43	3.05	2.64
D	6	1788.2	-31.77	134.77	479006.73	6484291.26	258.03	204.45	102.99	120	155.04	54633.42	0.01	2.86	0.92	-121.02	-33.63	0	0	-120	-35	5.58	4.49	4.11	3.8	3.45	3.07	2.65
D	6	1788.4	-31.77	134.77	479006.78	6484278.2	258.04	204.36	102.17	120	155.88	54634.05	0.02	3.15	1	-121.06	-33.74	0	0	-120	-35	5.61	4.51	4.13	3.82	3.47	3.09	2.67
D	6	1788.6	-31.77	134.77	479006.81	6484265.15	258.1	204.34	101.57	120	156.52	54634.68	0.02	3.39	0.96	-121.09	-33.87	0	0	-120	-35	5.63	4.53	4.15	3.84	3.48	3.1	2.68
D	6	1788.8	-31.77	134.77	479006.83	6484252.1	258.19	204.37	101.19	120	157	54635.39	0.02	3.61	0.96	-121.05	-34.04	0	0	-120	-35	5.65	4.54	4.17	3.85	3.5	3.12	2.7
D	6	1789	-31.77	134.77	479006.84	6484239.06	258.33	204.5	101.07	120	157.27	54636.14	0.02	3.78	1	-121.04	-34.29	0	0	-120	-35	5.67	4.56	4.19	3.87	3.52	3.13	2.71
D	6	1789.2	-31.77	134.77	479006.84	6484226.03	258.51	204.65	101.3	120	157.22	54636.91	0.02	3.89	1.07	-120.99	-34.62	0	0	-120	-35	5.7	4.57	4.21	3.88	3.53	3.15	2.72
D	6	1789.4	-31.77	134.77	479006.82	6484213.02	258.73	204.87	101.99	120	156.75	54637.62	0.02	4.03	1.2	-120.91	-35.03	0	0	-120	-35	5.74	4.58	4.23	3.9	3.55	3.16	2.74
D	6	1789.6	-31.77	134.77	479006.79	6484200.02	258.99	205.22	103.18	120	155.81	54638.29	0.02	4.23	1.18	-120.81	-35.43	0	0	-120	-35	5.77	4.6	4.25	3.91	3.56	3.17	2.75
D	6	1789.8	-31.77	134.77	479006.75	6484187.03	259.28	205.69	104.83	120	154.45	54638.95	0.02	4.44	0.89	-120.65	-35.88	0	0	-120	-35	5.8	4.61	4.26	3.92	3.57	3.18	2.75
D	6	1790	-31.77	134.77	479006.69	6484174.05	259.59	206.24	106.73	120	152.87	54639.69	0.02	4.59	0.43	-120.49	-36.37	0	0	-120	-35	5.81	4.61	4.26	3.92	3.58	3.19	2.76
D	6	1790.2	-31.77	134.77	479006.61	6484161.09	259.93	206.79	108.61	120	151.33	54640.51	0.02	4.66	0	-120.3	-36.82	0	0	-120	-35	5.81	4.6	4.25	3.92	3.57	3.18	2.75
D	6	1790.4	-31.77	134.77	479006.52	6484148.14	260.3	207.3	110.22	120	150.08	54641.38	0.02	4.62	-0.3	-120.04	-37.26	0	0	-120	-35	5.79	4.59	4.24	3.9	3.56	3.17	2.74
D	6	1790.6	-31.77	134.77	479006.43	6484135.21	260.67	207.74	111.37	120	149.31	54642.24	0.02	4.52	-0.46	-119.81	-37.71	0	0	-120	-35	5.76	4.56	4.21	3.88	3.54	3.15	2.73
D	6	1790.8	-31.77	134.77	479006.32	6484122.29	261.06	208.12	112	120	149.06	54643.1	0.03	4.38	-0.49	-119.56	-38.11	0	0	-120	-35	5.71	4.53	4.17	3.85	3.51	3.13	2.7
D	6	1791	-31.77	134.77	479006.21	6484109.38	261.43	208.51	112.19	120	149.24	54643.94	0.03	4.24	-0.44	-119.31	-38.5	0	0	-120	-35	5.66	4.49	4.14	3.82	3.48	3.1	2.68
D	6	1791.2	-31.77	134.77	479006.09	6484096.49	261.8	208.83	112.06	120	149.74	54644.73	0.03	4.09	-0.35	-119.06	-38.87	0	0	-120	-35	5.6	4.46	4.1	3.79	3.45	3.08	2.66
D	6	1791.4	-31.77	134.77	479005.97	6484083.62	262.15	209.1	111.7	120	150.46	54645.48	0.03	3.93	-0.31	-118.84	-39.17	0	0	-120	-35	5.55	4.42	4.07	3.77			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1799.2	-31.78	134.77	478997.11	6483586.09	269.6	217.11	126.16	120	143.44	54677.6	0.05	1.47	-1.54	-119.99	-35.83	0	0	-120	-35	3.89	3.34	3.12	2.92	2.68	2.4	2.09
D	6	1799.4	-31.78	134.77	478996.69	6483573.32	269.45	216.9	126.73	120	142.72	54678.76	0.05	1.43	-1.98	-120.04	-35.63	0	0	-120	-35	3.86	3.33	3.11	2.91	2.68	2.4	2.08
D	6	1799.6	-31.78	134.77	478996.27	6483560.53	269.27	216.62	127.41	120	141.86	54679.95	0.05	1.39	-2.39	-120.09	-35.43	0	0	-120	-35	3.83	3.32	3.1	2.91	2.67	2.4	2.08
D	6	1799.8	-31.78	134.77	478995.87	6483547.75	269.08	216.23	128.18	120	140.9	54681.18	0.06	1.34	-2.73	-120.14	-35.23	0	0	-120	-35	3.8	3.31	3.1	2.91	2.67	2.4	2.08
D	6	1800	-31.78	134.77	478995.48	6483534.95	268.87	215.75	129	120	139.87	54682.46	0.06	1.26	-2.98	-120.18	-35.04	0	0	-120	-35	3.78	3.31	3.1	2.91	2.68	2.4	2.09
D	6	1800.2	-31.78	134.77	478995.12	6483522.15	268.65	215.22	129.88	120	138.77	54683.81	0.07	1.19	-2.99	-120.24	-34.89	0	0	-120	-35	3.77	3.32	3.11	2.92	2.68	2.41	2.09
D	6	1800.4	-31.78	134.77	478994.77	6483509.34	268.42	214.73	130.82	120	137.6	54685.16	0.07	1.12	-2.59	-120.29	-34.73	0	0	-120	-35	3.77	3.33	3.12	2.93	2.7	2.42	2.1
D	6	1800.6	-31.78	134.77	478994.44	6483496.52	268.19	214.42	131.77	120	136.42	54686.48	0.08	1.07	-1.98	-120.32	-34.61	0	0	-120	-35	3.79	3.35	3.14	2.95	2.72	2.44	2.12
D	6	1800.8	-31.78	134.77	478994.13	6483483.7	267.95	214.27	132.6	120	135.35	54687.74	0.09	1.02	-1.6	-120.35	-34.48	0	0	-120	-35	3.8	3.37	3.17	2.98	2.74	2.46	2.13
D	6	1801	-31.78	134.77	478993.83	6483470.87	267.7	214.2	133.15	120	134.55	54689	0.1	0.95	-1.45	-120.4	-34.34	0	0	-120	-35	3.82	3.4	3.2	3	2.76	2.48	2.15
D	6	1801.2	-31.78	134.77	478993.55	6483458.03	267.45	214.07	133.25	120	134.2	54690.23	0.1	0.92	-1.35	-120.44	-34.26	0	0	-120	-35	3.84	3.42	3.22	3.02	2.79	2.5	2.17
D	6	1801.4	-31.78	134.77	478993.29	6483445.19	267.2	213.79	132.83	120	134.37	54691.39	0.11	0.94	-1.31	-120.51	-34.11	0	0	-120	-35	3.84	3.43	3.24	3.04	2.8	2.52	2.18
D	6	1801.6	-31.78	134.77	478993.05	6483432.34	266.95	213.34	132.05	120	134.9	54692.47	0.11	0.99	-1.36	-120.57	-34.02	0	0	-120	-35	3.84	3.44	3.25	3.05	2.81	2.53	2.19
D	6	1801.8	-31.78	134.77	478992.83	6483419.49	266.71	212.82	131.19	120	135.51	54693.46	0.12	1.05	-1.45	-120.65	-33.91	0	0	-120	-35	3.84	3.44	3.26	3.06	2.82	2.54	2.2
D	6	1802	-31.78	134.77	478992.64	6483406.63	266.48	212.33	130.51	120	135.96	54694.33	0.12	1.15	-1.65	-120.73	-33.8	0	0	-120	-35	3.83	3.45	3.27	3.07	2.83	2.55	2.21
D	6	1802.2	-31.78	134.77	478992.47	6483393.76	266.25	211.99	130.2	120	136.05	54695.05	0.12	1.26	-2.05	-120.77	-33.69	0	0	-120	-35	3.83	3.46	3.28	3.08	2.84	2.56	2.22
D	6	1802.4	-31.78	134.77	478992.33	6483380.89	266.04	211.85	130.21	120	135.83	54695.64	0.12	1.33	-2.72	-120.82	-33.61	0	0	-120	-35	3.84	3.48	3.29	3.09	2.86	2.57	2.23
D	6	1802.6	-31.78	134.77	478992.22	6483368.01	265.83	211.86	130.36	120	135.48	54696.2	0.12	1.34	-3.59	-120.84	-33.53	0	0	-120	-35	3.86	3.5	3.31	3.11	2.88	2.59	2.25
D	6	1802.8	-31.78	134.77	478992.15	6483355.12	265.62	211.92	130.46	120	135.16	54696.79	0.12	1.32	-4.5	-120.84	-33.46	0	0	-120	-35	3.89	3.54	3.33	3.14	2.9	2.62	2.27
D	6	1803	-31.78	134.77	478992.12	6483342.23	265.41	211.89	130.33	120	135.08	54697.4	0.12	1.29	-5.22	-120.86	-33.44	0	0	-120	-35	3.92	3.57	3.36	3.17	2.93	2.64	2.29
D	6	1803.2	-31.78	134.77	478992.13	6483329.33	265.18	211.75	129.86	120	135.33	54697.96	0.12	1.23	-5.68	-120.85	-33.39	0	0	-120	-35	3.96	3.61	3.39	3.2	2.95	2.66	2.31
D	6	1803.4	-31.78	134.77	478992.18	6483316.43	264.95	211.52	129.07	120	135.88	54698.44	0.12	1.17	-5.81	-120.87	-33.37	0	0	-120	-35	3.99	3.64	3.41	3.22	2.97	2.68	2.33
D	6	1803.6	-31.78	134.77	478992.27	6483303.52	264.7	211.27	128.05	120	136.65	54698.82	0.12	1.1	-5.71	-120.87	-33.33	0	0	-120	-35	4.01	3.66	3.43	3.24	2.99	2.7	2.35
D	6	1803.8	-31.78	134.77	478992.4	6483290.61	264.43	211.04	126.94	120	137.5	54699.19	0.13	1.03	-5.59	-120.87	-33.35	0	0	-120	-35	4.03	3.69	3.45	3.26	3.01	2.72	2.36
D	6	1804	-31.78	134.77	478992.58	6483277.69	264.14	210.78	125.96	120	138.18	54699.57	0.13	0.93	-5.4	-120.89	-33.35	0	0	-120	-35	4.05	3.71	3.47	3.28	3.03	2.73	2.38
D	6	1804.2	-31.78	134.77	478992.79	6483264.77	263.83	210.48	125.29	120	138.53	54699.99	0.14	0.85	-5.09	-120.9	-33.36	0	0	-120	-35	4.07	3.73	3.49	3.3	3.05	2.75	2.4
D	6	1804.4	-31.78	134.77	478993.04	6483251.84	263.49	210.13	125.07	120	138.42	54700.39	0.14	0.81	-4.7	-120.92	-33.38	0	0	-120	-35	4.1	3.75	3.52	3.32	3.07	2.77	2.42
D	6	1804.6	-31.78	134.77	478993.33	6483238.91	263.13	209.77	125.35	120	137.78	54700.72	0.15	0.82	-4.17	-120.94	-33.4	0	0	-120	-35	4.14	3.78	3.55	3.35	3.09	2.8	2.44
D	6	1804.8	-31.78	134.77	478993.64	6483225.98	262.77	209.45	125.98	120	136.79	54700.89	0.15	0.86	-3.63	-121	-33.45	0	0	-120	-35	4.19	3.82	3.58	3.38	3.12	2.82	2.46
D	6	1805	-31.78	134.77	478993.97	6483213.04	262.41	209.19	126.69	120	135.72	54700.86	0.16	0.9	-3.22	-121.06	-33.49	0	0	-120	-35	4.23	3.85	3.62	3.41	3.15	2.85	2.49
D	6	1805.2	-31.78	134.77	478994.33	6483200.1	262.06	209.03	127.18	120	134.88	54700.61	0.16	0.96	-2.85	-121.11	-33.55	0	0	-120	-35	4.28	3.88	3.65	3.44	3.18	2.87	2.51
D	6	1805.4	-31.78	134.77	478994.7	6483187.16	261.7	208.89	127.22	120	134.48	54700.18	0.16	1.07	-2.5	-121.19	-33.58	0	0	-120	-35	4.32	3.91	3.68	3.47	3.2	2.9	2.53
D	6	1805.6	-31.78	134.77	478995.08	6483174.21	261.36	208.7	126.83	120	134.53	54699.53	0.16	1.18	-2.09	-121.26	-33.67	0	0	-120	-35	4.35	3.94	3.7	3.49	3.22	2.92	2.55
D	6	1805.8	-31.78	134.77	478995.48	6483161.25	261.04	208.37	126.14	120	134.9	54698.64	0.15	1.27	-1.66	-121.34	-33.77	0	0	-120	-35	4.39	3.96	3.72	3.51	3.25	2.94	2.57
D	6	1806	-31.78	134.77	478995.87	6483148.28	260.74	207.84	125.36	120	135.38	54697.5	0.14	1.36	-1.18	-121.39	-33.83	0	0	-120	-35	4.42	3.99	3.75	3.54	3.27	2.96	2.59
D	6	1806.2	-31.78	134.77	478996.27	6483135.31	260.47	207.24	124.61	120	135.86	54696.12	0.13	1.46	-0.64	-121.44	-33.95	0	0	-120	-35	4.45	4.02	3.78	3.56	3.29	2.98	2.61
D	6	1806.4	-31.78	134.77	478996.66	6483122.32	260.23	206.72	123.91	120	136.32	54694.52	0.11	1.56	-0.15	-121.44	-34.06	0	0	-120	-35	4.5	4.06	3.81	3.59	3.32	3.01	2.64
D	6	1806.6	-31.78	134.77	478997.06	6483109.33	260.01	206.41	123.21	120	136.79	54692.74	0.09	1.66	0.17	-121.4	-34.15	0	0	-120	-35	4.54	4.1	3.85	3.63	3.36	3.04	2.66
D	6	1806.8	-31.78	134.77	478997.45	6483096.34	259.8	206.32	122.45	120	137.35	54690.79	0.07	1.73	0.26	-121.38	-34.28	0	0	-120	-35	4.59	4.14	3.89	3.67	3.39	3.07	2.69
D	6	1807	-31.78	134.77	478997.85	6483083.34	259.61	206.36	121.56	120	138.05	54688.75	0.05	1.75	0.12	-121.3	-34.36	0	0	-120	-35	4.64	4.18	3.93	3.7	3.42	3.1	2.71
D	6	1807.2	-31.78	134.77	478998.25	6483070.34	259.42	206.37	120.52	120	138.89	54686.71	0.03	1.76	-0.08	-121.21	-34.49	0	0	-120	-35	4.68	4.22	3.96	3.73	3.45	3.13	2.74
D	6	1807.4	-31.78	134.77	478998.64	6483057.33	259.23	206.27	119.38	120	139.85	54684.79	0.01	1.79	-0.24	-121.13	-34.57	0	0	-120	-35	4.72	4.24	3.99	3.76	3.48	3.15	2.75
D	6	1807.6	-31.78	134.77	478999.03	6483044.32	259.06	206.11	118.24	120	140.82	54683.03	-0.01	1.87	-0.26	-121.04	-34.7	0	0	-120	-35	4.74	4.26	4.01	3.78	3.5	3.16	2.77
D	6	1807.8	-31.78	134.77	478999.42	6483031.31	258.91	205.94	117.23	120	141.67	54681.42	-0.02	1.99	-0.1	-120.93	-34.79	0	0	-120	-35	4.76	4.28	4.03	3			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1815.6	-31.79	134.77	479003.87	6482522.97	258.78	205.84	129.29	120	129.49	54690.6	0.06	1.5	-1.57	-119.95	-35.6	0	0	-120	-35	4.48	4.09	3.86	3.62	3.34	2.99	2.58
D	6	1815.8	-31.79	134.77	479003.83	6482509.93	258.65	205.66	129.12	120	129.53	54689.91	0.05	1.35	-1.6	-119.96	-35.42	0	0	-120	-35	4.48	4.09	3.86	3.62	3.34	2.99	2.58
D	6	1816	-31.79	134.77	479003.79	6482496.88	258.49	205.41	129.01	120	129.48	54689.18	0.04	1.23	-1.72	-120.01	-35.21	0	0	-120	-35	4.47	4.08	3.86	3.61	3.33	2.99	2.58
D	6	1816.2	-31.79	134.77	479003.76	6482483.83	258.3	205.14	128.94	120	129.36	54688.47	0.03	1.12	-1.86	-120.06	-35	0	0	-120	-35	4.46	4.07	3.86	3.61	3.33	2.99	2.58
D	6	1816.4	-31.79	134.77	479003.74	6482470.77	258.07	204.86	128.84	120	129.23	54687.83	0.02	1.04	-1.95	-120.11	-34.74	0	0	-120	-35	4.46	4.07	3.86	3.61	3.33	2.99	2.58
D	6	1816.6	-31.79	134.77	479003.73	6482457.71	257.81	204.57	128.66	120	129.15	54687.34	0.02	0.98	-2.02	-120.17	-34.52	0	0	-120	-35	4.47	4.08	3.87	3.62	3.34	3	2.59
D	6	1816.8	-31.79	134.77	479003.72	6482444.64	257.53	204.32	128.35	120	129.19	54686.95	0.02	0.92	-1.97	-120.28	-34.32	0	0	-120	-35	4.49	4.1	3.88	3.64	3.36	3.02	2.61
D	6	1817	-31.79	134.77	479003.71	6482431.57	257.24	204.1	127.9	120	129.33	54686.61	0.01	0.87	-1.67	-120.37	-34.07	0	0	-120	-35	4.52	4.13	3.91	3.67	3.38	3.04	2.63
D	6	1817.2	-31.79	134.77	479003.71	6482418.48	256.93	203.87	127.39	120	129.54	54686.23	0.01	0.85	-1.29	-120.47	-33.89	0	0	-120	-35	4.57	4.17	3.95	3.71	3.42	3.07	2.65
D	6	1817.4	-31.79	134.77	479003.71	6482405.39	256.61	203.6	126.85	120	129.75	54685.85	0.01	0.8	-0.95	-120.58	-33.74	0	0	-120	-35	4.62	4.22	3.99	3.75	3.45	3.11	2.68
D	6	1817.6	-31.79	134.77	479003.71	6482392.29	256.28	203.24	126.36	120	129.92	54685.5	0.01	0.76	-0.67	-120.68	-33.55	0	0	-120	-35	4.67	4.26	4.02	3.78	3.49	3.14	2.71
D	6	1817.8	-31.79	134.77	479003.71	6482379.18	255.93	202.8	125.88	120	130.05	54685.2	0.01	0.72	-0.41	-120.79	-33.42	0	0	-120	-35	4.72	4.3	4.06	3.82	3.52	3.17	2.74
D	6	1818	-31.79	134.77	479003.71	6482366.06	255.57	202.34	125.36	120	130.21	54684.93	0.01	0.69	-0.2	-120.89	-33.3	0	0	-120	-35	4.75	4.34	4.09	3.85	3.55	3.19	2.76
D	6	1818.2	-31.79	134.77	479003.71	6482352.93	255.21	201.93	124.78	120	130.43	54684.68	0.01	0.65	-0.02	-120.96	-33.21	0	0	-120	-35	4.79	4.37	4.12	3.88	3.58	3.22	2.78
D	6	1818.4	-31.79	134.77	479003.71	6482339.79	254.83	201.55	124.11	120	130.72	54684.5	0.01	0.63	0.06	-121.03	-33.12	0	0	-120	-35	4.82	4.41	4.15	3.91	3.61	3.24	2.8
D	6	1818.6	-31.79	134.77	479003.7	6482326.65	254.45	201.19	123.44	120	131.01	54684.43	0.01	0.62	0.14	-121.1	-33.04	0	0	-120	-35	4.86	4.45	4.19	3.94	3.64	3.27	2.82
D	6	1818.8	-31.79	134.77	479003.69	6482313.49	254.06	200.84	122.83	120	131.24	54684.48	0.01	0.61	0.27	-121.15	-32.99	0	0	-120	-35	4.9	4.49	4.23	3.98	3.67	3.3	2.84
D	6	1819	-31.79	134.77	479003.68	6482300.33	253.67	200.45	122.36	120	131.31	54684.58	0.01	0.59	0.42	-121.17	-32.96	0	0	-120	-35	4.95	4.53	4.27	4.02	3.7	3.33	2.87
D	6	1819.2	-31.79	134.77	479003.66	6482287.15	253.28	199.99	122.03	120	131.25	54684.72	0.01	0.55	0.44	-121.22	-32.96	0	0	-120	-35	5.01	4.59	4.32	4.06	3.75	3.37	2.91
D	6	1819.4	-31.79	134.77	479003.63	6482273.97	252.89	199.49	121.81	120	131.08	54684.89	0.02	0.5	0.37	-121.24	-32.94	0	0	-120	-35	5.08	4.64	4.38	4.12	3.79	3.41	2.94
D	6	1819.6	-31.79	134.77	479003.61	6482260.77	252.5	198.96	121.62	120	130.88	54685.09	0.02	0.46	0.27	-121.24	-32.94	0	0	-120	-35	5.15	4.71	4.44	4.17	3.84	3.45	2.98
D	6	1819.8	-31.79	134.77	479003.58	6482247.57	252.1	198.47	121.37	120	130.74	54685.29	0.03	0.44	0.16	-121.26	-32.93	0	0	-120	-35	5.21	4.77	4.5	4.22	3.89	3.49	3.02
D	6	1820	-31.79	134.77	479003.56	6482234.35	251.71	198.06	121.04	120	130.67	54685.46	0.03	0.45	0.01	-121.24	-32.96	0	0	-120	-35	5.28	4.83	4.55	4.27	3.93	3.53	3.06
D	6	1820.2	-31.79	134.77	479003.55	6482221.13	251.31	197.72	120.59	120	130.72	54685.59	0.03	0.47	-0.18	-121.25	-33	0	0	-120	-35	5.34	4.88	4.6	4.32	3.98	3.57	3.09
D	6	1820.4	-31.79	134.77	479003.54	6482207.9	250.92	197.43	120.01	120	130.91	54685.65	0.03	0.5	-0.45	-121.25	-33.02	0	0	-120	-35	5.4	4.93	4.65	4.36	4.02	3.61	3.12
D	6	1820.6	-31.79	134.77	479003.54	6482194.66	250.54	197.14	119.35	120	131.19	54685.61	0.03	0.53	-0.77	-121.24	-33.08	0	0	-120	-35	5.47	4.99	4.7	4.41	4.06	3.65	3.16
D	6	1820.8	-31.79	134.77	479003.55	6482181.41	250.17	196.79	118.57	120	131.59	54685.5	0.03	0.59	-1	-121.22	-33.17	0	0	-120	-35	5.54	5.05	4.76	4.46	4.11	3.69	3.2
D	6	1821	-31.79	134.77	479003.56	6482168.15	249.82	196.39	117.76	120	132.06	54685.33	0.03	0.7	-1.13	-121.21	-33.24	0	0	-120	-35	5.62	5.11	4.82	4.52	4.16	3.74	3.24
D	6	1821.2	-31.79	134.77	479003.59	6482154.89	249.49	195.97	117.01	120	132.48	54685.13	0.02	0.86	-1.21	-121.2	-33.36	0	0	-120	-35	5.7	5.18	4.89	4.58	4.21	3.79	3.29
D	6	1821.4	-31.79	134.77	479003.63	6482141.61	249.19	195.55	116.38	120	132.81	54684.93	0.02	1.02	-1.27	-121.17	-33.45	0	0	-120	-35	5.79	5.25	4.96	4.64	4.27	3.84	3.33
D	6	1821.6	-31.79	134.77	479003.67	6482128.34	248.9	195.24	115.92	120	132.98	54684.8	0.01	1.11	-1.38	-121.13	-33.56	0	0	-120	-35	5.87	5.32	5.02	4.7	4.32	3.88	3.37
D	6	1821.8	-31.79	134.77	479003.73	6482115.05	248.64	195.06	115.64	120	132.99	54684.79	0.01	1.1	-1.46	-121.1	-33.7	0	0	-120	-35	5.95	5.38	5.09	4.75	4.37	3.92	3.41
D	6	1822	-31.79	134.77	479003.79	6482101.76	248.39	194.99	115.41	120	132.98	54684.91	0.01	1.04	-1.41	-121.05	-33.81	0	0	-120	-35	6.02	5.44	5.14	4.8	4.41	3.96	3.43
D	6	1822.2	-31.79	134.77	479003.86	6482088.45	248.16	195	115.12	120	133.04	54685.1	0.01	0.99	-1.2	-121	-33.92	0	0	-120	-35	6.06	5.49	5.18	4.83	4.43	3.98	3.45
D	6	1822.4	-31.79	134.77	479003.94	6482075.14	247.95	194.97	114.69	120	133.25	54685.33	0.01	0.97	-0.96	-120.95	-34.02	0	0	-120	-35	6.11	5.53	5.21	4.86	4.46	4	3.46
D	6	1822.6	-31.79	134.77	479004.01	6482061.83	247.74	194.88	114.12	120	133.62	54685.7	0.02	0.96	-0.93	-120.9	-34.08	0	0	-120	-35	6.15	5.57	5.25	4.89	4.48	4.01	3.47
D	6	1822.8	-31.79	134.77	479004.09	6482048.5	247.53	194.71	113.51	120	134.02	54686.33	0.03	0.98	-1	-120.88	-34.16	0	0	-120	-35	6.19	5.61	5.28	4.92	4.51	4.03	3.48
D	6	1823	-31.79	134.77	479004.15	6482035.17	247.31	194.51	113	120	134.31	54687.14	0.04	0.97	-0.86	-120.85	-34.19	0	0	-120	-35	6.24	5.66	5.32	4.95	4.53	4.05	3.49
D	6	1823.2	-31.79	134.77	479004.2	6482021.83	247.07	194.28	112.66	120	134.42	54688.01	0.05	0.95	-0.56	-120.82	-34.23	0	0	-120	-35	6.29	5.7	5.36	4.99	4.56	4.07	3.51
D	6	1823.4	-31.79	134.77	479004.24	6482008.49	246.82	194.04	112.47	120	134.36	54688.87	0.07	0.99	-0.31	-120.8	-34.26	0	0	-120	-35	6.35	5.75	5.4	5.03	4.59	4.09	3.52
D	6	1823.6	-31.79	134.77	479004.26	6481995.13	246.56	193.81	112.36	120	134.2	54689.81	0.09	1.04	-0.22	-120.75	-34.26	0	0	-120	-35	6.42	5.8	5.45	5.07	4.63	4.12	3.54
D	6	1823.8	-31.79	134.77	479004.27	6481981.77	246.29	193.54	112.25	120	134.04	54690.84	0.1	1.08	-0.16	-120.73	-34.25	0	0	-120	-35	6.49	5.85	5.5	5.12	4.67	4.15	3.56
D	6	1824	-31.79	134.77	479004.27	6481968.41	246.02	193.22	112.02	120	134	54691.83	0.12	1.09	-0.02	-120.72	-34.22	0	0	-120	-35	6.55	5.9	5.55	5.16	4.7	4.18	3.58
D	6	1824.2	-31.79	134.77	479004.25	6481955.03	245.75	192.86	111.64	120	134.11	54692.61	0.14	1.04	0.23	-120.69	-34.16	0	0	-120	-35	6.6	5.94	5.59	5.2</			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1832	-31.8	134.77	479004.35	6481434.84	247.64	193.98	119.58	120	128.06	54552.45	-0.48	2.56	-1.85	-119.38	-36.47	0	0	-120	-35	6.08	5.58	5.26	4.92	4.49	3.97	3.34
D	6	1832.2	-31.8	134.77	479004.53	6481421.65	247.77	194.18	119.62	120	128.15	54548.11	-0.51	2.52	-1.8	-119.53	-36.17	0	0	-120	-35	6.02	5.53	5.2	4.86	4.43	3.92	3.29
D	6	1832.4	-31.8	134.77	479004.72	6481408.46	247.89	194.29	119.41	120	128.48	54544.23	-0.53	2.5	-1.73	-119.72	-35.88	0	0	-120	-35	5.96	5.48	5.15	4.81	4.39	3.87	3.24
D	6	1832.6	-31.8	134.77	479004.92	6481395.27	248.01	194.35	119.11	120	128.9	54540.86	-0.55	2.48	-1.56	-119.9	-35.65	0	0	-120	-35	5.91	5.43	5.1	4.77	4.34	3.82	3.19
D	6	1832.8	-31.8	134.77	479005.13	6481382.09	248.11	194.36	118.89	120	129.21	54537.96	-0.57	2.39	-1.13	-120.01	-35.42	0	0	-120	-35	5.87	5.39	5.07	4.73	4.3	3.78	3.15
D	6	1833	-31.8	134.77	479005.35	6481368.91	248.2	194.41	118.93	120	129.27	54535.53	-0.59	2.23	-0.71	-120.15	-35.22	0	0	-120	-35	5.84	5.37	5.04	4.7	4.27	3.75	3.11
D	6	1833.2	-31.8	134.77	479005.58	6481355.73	248.28	194.51	119.26	120	129.02	54533.62	-0.6	2.01	-0.44	-120.24	-35.1	0	0	-120	-35	5.83	5.35	5.02	4.68	4.25	3.72	3.08
D	6	1833.4	-31.8	134.77	479005.82	6481342.55	248.36	194.62	119.81	120	128.55	54532.29	-0.6	1.81	-0.12	-120.32	-34.95	0	0	-120	-35	5.82	5.34	5	4.66	4.23	3.7	3.06
D	6	1833.6	-31.8	134.77	479006.06	6481329.38	248.42	194.81	120.4	120	128.02	54531.57	-0.61	1.68	0.11	-120.39	-34.85	0	0	-120	-35	5.82	5.34	5	4.66	4.22	3.69	3.04
D	6	1833.8	-31.8	134.77	479006.29	6481316.2	248.47	194.99	120.9	120	127.57	54531.44	-0.61	1.58	0.3	-120.42	-34.74	0	0	-120	-35	5.81	5.34	4.99	4.65	4.21	3.67	3.02
D	6	1834	-31.8	134.77	479006.51	6481303.02	248.5	195.17	121.23	120	127.27	54531.87	-0.61	1.49	0.51	-120.49	-34.64	0	0	-120	-35	5.81	5.33	4.98	4.64	4.2	3.66	3.01
D	6	1834.2	-31.8	134.77	479006.72	6481289.84	248.51	195.32	121.44	120	127.08	54532.83	-0.6	1.43	0.66	-120.56	-34.49	0	0	-120	-35	5.8	5.33	4.98	4.63	4.19	3.65	3
D	6	1834.4	-31.8	134.77	479006.92	6481276.65	248.51	195.39	121.59	120	126.93	54534.33	-0.59	1.43	0.71	-120.63	-34.35	0	0	-120	-35	5.79	5.32	4.97	4.62	4.18	3.64	2.98
D	6	1834.6	-31.8	134.77	479007.1	6481263.46	248.5	195.41	121.75	120	126.75	54536.33	-0.58	1.46	0.71	-120.72	-34.19	0	0	-120	-35	5.77	5.31	4.96	4.61	4.17	3.63	2.97
D	6	1834.8	-31.8	134.77	479007.27	6481250.27	248.48	195.39	121.92	120	126.56	54538.84	-0.56	1.53	0.6	-120.78	-34	0	0	-120	-35	5.76	5.29	4.95	4.6	4.16	3.62	2.96
D	6	1835	-31.8	134.77	479007.43	6481237.07	248.45	195.34	122.09	120	126.36	54541.83	-0.54	1.61	0.38	-120.82	-33.84	0	0	-120	-35	5.74	5.28	4.94	4.59	4.15	3.61	2.95
D	6	1835.2	-31.8	134.77	479007.58	6481223.87	248.41	195.24	122.25	120	126.16	54545.28	-0.52	1.67	0.14	-120.86	-33.68	0	0	-120	-35	5.73	5.27	4.94	4.58	4.14	3.6	2.95
D	6	1835.4	-31.8	134.77	479007.72	6481210.67	248.37	195.09	122.37	120	126.01	54549.16	-0.5	1.71	-0.06	-120.9	-33.52	0	0	-120	-35	5.71	5.26	4.93	4.57	4.13	3.59	2.94
D	6	1835.6	-31.8	134.77	479007.85	6481197.47	248.33	194.91	122.42	120	125.91	54553.45	-0.47	1.75	-0.31	-120.93	-33.42	0	0	-120	-35	5.7	5.25	4.93	4.57	4.13	3.59	2.94
D	6	1835.8	-31.8	134.77	479007.98	6481184.26	248.28	194.78	122.36	120	125.92	54558.09	-0.44	1.78	-0.51	-120.92	-33.3	0	0	-120	-35	5.69	5.25	4.92	4.57	4.13	3.59	2.95
D	6	1836	-31.8	134.77	479008.12	6481171.05	248.24	194.75	122.19	120	126.06	54563.04	-0.41	1.79	-0.6	-120.94	-33.27	0	0	-120	-35	5.7	5.25	4.93	4.58	4.14	3.6	2.96
D	6	1836.2	-31.8	134.77	479008.27	6481157.84	248.22	194.84	121.88	120	126.34	54568.25	-0.38	1.77	-0.68	-120.93	-33.26	0	0	-120	-35	5.7	5.26	4.93	4.59	4.15	3.61	2.97
D	6	1836.4	-31.8	134.77	479008.43	6481144.62	248.2	194.99	121.44	120	126.76	54573.68	-0.35	1.72	-0.82	-120.92	-33.29	0	0	-120	-35	5.71	5.27	4.94	4.6	4.16	3.63	2.99
D	6	1836.6	-31.8	134.77	479008.59	6481131.41	248.17	195.15	120.87	120	127.3	54579.27	-0.32	1.65	-0.91	-120.92	-33.33	0	0	-120	-35	5.72	5.28	4.95	4.61	4.18	3.65	3.02
D	6	1836.8	-31.8	134.77	479008.75	6481118.19	248.13	195.22	120.22	120	127.91	54584.99	-0.28	1.55	-0.9	-120.89	-33.39	0	0	-120	-35	5.73	5.29	4.96	4.62	4.2	3.67	3.04
D	6	1837	-31.8	134.77	479008.9	6481104.96	248.06	195.19	119.64	120	128.42	54590.81	-0.25	1.45	-0.77	-120.86	-33.45	0	0	-120	-35	5.74	5.3	4.98	4.64	4.21	3.69	3.06
D	6	1837.2	-31.8	134.77	479009.04	6481091.74	247.97	195.13	119.31	120	128.66	54596.71	-0.22	1.39	-0.57	-120.84	-33.51	0	0	-120	-35	5.75	5.3	4.98	4.65	4.23	3.7	3.08
D	6	1837.4	-31.8	134.77	479009.18	6481078.51	247.84	195.08	119.38	120	128.46	54602.62	-0.19	1.34	-0.29	-120.81	-33.57	0	0	-120	-35	5.75	5.29	4.99	4.65	4.23	3.71	3.09
D	6	1837.6	-31.8	134.77	479009.31	6481065.28	247.7	195.05	119.91	120	127.79	54608.48	-0.17	1.26	0.01	-120.8	-33.61	0	0	-120	-35	5.75	5.29	4.99	4.65	4.24	3.73	3.11
D	6	1837.8	-31.8	134.77	479009.42	6481052.04	247.54	194.99	120.81	120	126.74	54614.28	-0.14	1.22	0.37	-120.79	-33.66	0	0	-120	-35	5.75	5.28	4.99	4.66	4.25	3.74	3.12
D	6	1838	-31.8	134.77	479009.51	6481038.8	247.38	194.88	121.85	120	125.53	54620.02	-0.11	1.21	0.76	-120.8	-33.69	0	0	-120	-35	5.75	5.28	5	4.66	4.25	3.75	3.14
D	6	1838.2	-31.8	134.77	479009.58	6481025.54	247.21	194.68	122.78	120	124.42	54625.71	-0.09	1.21	1.12	-120.78	-33.69	0	0	-120	-35	5.76	5.28	5.01	4.67	4.26	3.76	3.15
D	6	1838.4	-31.8	134.77	479009.63	6481012.28	247.03	194.45	123.38	120	123.65	54631.32	-0.07	1.18	1.34	-120.79	-33.72	0	0	-120	-35	5.77	5.3	5.02	4.68	4.28	3.78	3.17
D	6	1838.6	-31.8	134.77	479009.66	6480999.01	246.84	194.25	123.54	120	123.31	54636.82	-0.05	1.16	1.42	-120.79	-33.76	0	0	-120	-35	5.79	5.32	5.03	4.7	4.29	3.8	3.19
D	6	1838.8	-31.8	134.77	479009.67	6480985.74	246.66	194.04	123.34	120	123.32	54642.21	-0.03	1.13	1.39	-120.78	-33.76	0	0	-120	-35	5.82	5.34	5.05	4.72	4.31	3.81	3.2
D	6	1839	-31.8	134.77	479009.65	6480972.46	246.48	193.87	123.01	120	123.47	54647.5	-0.01	1.12	1.27	-120.78	-33.8	0	0	-120	-35	5.84	5.37	5.07	4.74	4.33	3.83	3.22
D	6	1839.2	-31.8	134.77	479009.61	6480959.17	246.3	193.69	122.78	120	123.52	54652.67	0	1.16	1.17	-120.78	-33.79	0	0	-120	-35	5.87	5.39	5.09	4.76	4.35	3.85	3.23
D	6	1839.4	-31.8	134.77	479009.55	6480945.87	246.13	193.47	122.8	120	123.33	54657.67	0.01	1.21	1.03	-120.78	-33.79	0	0	-120	-35	5.89	5.42	5.11	4.78	4.36	3.86	3.24
D	6	1839.6	-31.8	134.77	479009.48	6480932.57	245.97	193.24	123.04	120	122.92	54662.49	0.03	1.26	0.74	-120.8	-33.81	0	0	-120	-35	5.91	5.43	5.12	4.79	4.38	3.87	3.25
D	6	1839.8	-31.8	134.77	479009.39	6480919.27	245.81	193	123.37	120	122.45	54667.14	0.05	1.31	0.3	-120.8	-33.81	0	0	-120	-35	5.93	5.45	5.13	4.8	4.38	3.87	3.25
D	6	1840	-31.8	134.77	479009.28	6480905.96	245.66	192.73	123.59	120	122.07	54671.7	0.06	1.33	-0.14	-120.8	-33.81	0	0	-120	-35	5.94	5.46	5.14	4.81	4.39	3.87	3.24
D	6	1840.2	-31.8	134.77	479009.17	6480892.64	245.52	192.47	123.66	120	121.85	54676.13	0.07	1.29	-0.47	-120.8	-33.81	0	0	-120	-35	5.94	5.46	5.15	4.81	4.39	3.87	3.23
D	6	1840.4	-31.8	134.77	479009.04	6480879.31	245.38	192.19	123.58	120	121.8	54680.33	0.09	1.21	-0.57	-120.81	-33.79	0	0	-120	-35	5.95	5.47	5.16	4.82	4.4	3.87	3.22
D	6	1840.6	-31.8	134.77	479008.92	6480865.99	245.25	191.9	123.41	120	121.85	54684.22	0.09	1.18	-0.62	-120.81	-33.79	0	0	-120	-35	5.97	5.49	5.17	4.83	4.4	3.87	3.22
D																												

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1848.4	-31.81	134.77	479012.68	6480345.81	240.32	186.48	119.67	120	120.65	54751.55	0.05	0.92	-2.21	-120.83	-32.64	0	0	-120	-35	6.37	5.93	5.62	5.29	4.89	4.37	3.73
D	6	1848.6	-31.81	134.77	479012.95	6480332.48	240.15	186.37	119.58	120	120.57	54752.73	0.04	0.91	-2.17	-120.87	-32.55	0	0	-120	-35	6.4	5.96	5.65	5.33	4.92	4.41	3.77
D	6	1848.8	-31.81	134.77	479013.23	6480319.16	239.97	186.26	119.57	120	120.4	54753.84	0.04	0.89	-2.08	-120.91	-32.41	0	0	-120	-35	6.43	5.99	5.68	5.36	4.95	4.44	3.82
D	6	1849	-31.81	134.77	479013.53	6480305.83	239.78	186.15	119.6	120	120.18	54754.89	0.04	0.88	-2.02	-120.96	-32.31	0	0	-120	-35	6.45	6.02	5.71	5.39	4.98	4.48	3.86
D	6	1849.2	-31.81	134.77	479013.83	6480292.5	239.58	186.02	119.64	120	119.94	54755.93	0.04	0.88	-2.02	-121	-32.23	0	0	-120	-35	6.47	6.04	5.72	5.4	5	4.5	3.89
D	6	1849.4	-31.81	134.77	479014.13	6480279.16	239.37	185.89	119.65	120	119.73	54757.04	0.04	0.9	-2.04	-121.04	-32.11	0	0	-120	-35	6.47	6.05	5.73	5.42	5.02	4.52	3.92
D	6	1849.6	-31.81	134.77	479014.44	6480265.83	239.16	185.71	119.63	120	119.53	54758.16	0.04	0.92	-1.97	-121.07	-32.03	0	0	-120	-35	6.48	6.07	5.75	5.44	5.03	4.54	3.95
D	6	1849.8	-31.81	134.77	479014.75	6480252.5	238.94	185.51	119.59	120	119.35	54759.24	0.04	0.94	-1.74	-121.09	-31.98	0	0	-120	-35	6.5	6.09	5.77	5.46	5.05	4.57	3.98
D	6	1850	-31.81	134.77	479015.05	6480239.17	238.72	185.29	119.51	120	119.22	54760.24	0.04	0.96	-1.44	-121.11	-31.97	0	0	-120	-35	6.53	6.12	5.8	5.49	5.08	4.6	4.02
D	6	1850.2	-31.81	134.77	479015.36	6480225.85	238.5	185.08	119.34	120	119.16	54761.2	0.04	0.97	-1.14	-121.12	-31.97	0	0	-120	-35	6.58	6.16	5.85	5.53	5.12	4.64	4.07
D	6	1850.4	-31.81	134.77	479015.66	6480212.52	238.28	184.9	119.03	120	119.26	54762.14	0.04	0.99	-0.87	-121.1	-32.01	0	0	-120	-35	6.64	6.21	5.9	5.57	5.17	4.69	4.12
D	6	1850.6	-31.81	134.77	479015.96	6480199.19	238.06	184.74	118.52	120	119.54	54763.05	0.04	1	-0.63	-121.11	-32.08	0	0	-120	-35	6.71	6.26	5.95	5.63	5.22	4.74	4.17
D	6	1850.8	-31.81	134.77	479016.24	6480185.87	237.86	184.61	117.85	120	120.01	54763.93	0.04	1.01	-0.45	-121.09	-32.12	0	0	-120	-35	6.77	6.32	6.01	5.67	5.26	4.78	4.21
D	6	1851	-31.81	134.77	479016.52	6480172.54	237.66	184.48	117.1	120	120.56	54764.77	0.04	1.05	-0.34	-121.07	-32.21	0	0	-120	-35	6.82	6.36	6.05	5.71	5.3	4.82	4.25
D	6	1851.2	-31.81	134.77	479016.77	6480159.21	237.48	184.31	116.46	120	121.02	54765.57	0.04	1.09	-0.31	-121.03	-32.32	0	0	-120	-35	6.86	6.4	6.09	5.75	5.33	4.85	4.28
D	6	1851.4	-31.81	134.77	479017.01	6480145.88	237.31	184.09	116.05	120	121.26	54766.35	0.04	1.11	-0.36	-120.99	-32.38	0	0	-120	-35	6.88	6.42	6.11	5.77	5.35	4.87	4.3
D	6	1851.6	-31.81	134.77	479017.24	6480132.55	237.16	183.77	116	120	121.16	54767.12	0.03	1.13	-0.47	-120.95	-32.49	0	0	-120	-35	6.9	6.44	6.13	5.78	5.36	4.88	4.32
D	6	1851.8	-31.81	134.77	479017.47	6480119.22	237.01	183.39	116.23	120	120.78	54767.9	0.03	1.12	-0.6	-120.87	-32.59	0	0	-120	-35	6.91	6.45	6.14	5.79	5.37	4.89	4.33
D	6	1852	-31.81	134.77	479017.68	6480105.89	236.87	182.98	116.61	120	120.26	54768.66	0.03	1.11	-0.7	-120.81	-32.66	0	0	-120	-35	6.92	6.47	6.15	5.81	5.38	4.9	4.34
D	6	1852.2	-31.81	134.77	479017.9	6480092.57	236.73	182.58	116.99	120	119.74	54769.45	0.03	1.11	-0.79	-120.75	-32.74	0	0	-120	-35	6.94	6.49	6.17	5.82	5.4	4.91	4.35
D	6	1852.4	-31.81	134.77	479018.11	6480079.25	236.59	182.25	117.27	120	121.52	54770.25	0.03	1.11	-0.89	-120.68	-32.82	0	0	-120	-35	6.96	6.51	6.19	5.84	5.41	4.92	4.36
D	6	1852.6	-31.81	134.77	479018.32	6480065.93	236.46	182.02	117.43	120	119.03	54771.05	0.03	1.13	-1.01	-120.64	-32.88	0	0	-120	-35	6.99	6.53	6.21	5.85	5.42	4.93	4.37
D	6	1852.8	-31.81	134.77	479018.54	6480052.61	236.35	181.88	117.5	120	118.84	54771.81	0.02	1.16	-1.2	-120.56	-32.93	0	0	-120	-35	7.01	6.55	6.22	5.87	5.44	4.94	4.38
D	6	1853	-31.81	134.77	479018.78	6480039.3	236.25	181.85	117.49	120	118.76	54772.52	0.02	1.23	-1.41	-120.51	-32.99	0	0	-120	-35	7.02	6.56	6.24	5.88	5.45	4.95	4.38
D	6	1853.2	-31.81	134.77	479019.04	6480025.99	236.17	181.88	117.4	120	118.77	54773.22	0.02	1.3	-1.64	-120.47	-33	0	0	-120	-35	7.03	6.57	6.24	5.89	5.45	4.95	4.39
D	6	1853.4	-31.81	134.77	479019.32	6480012.69	236.1	181.99	117.21	120	118.89	54773.91	0.02	1.35	-1.82	-120.4	-33.03	0	0	-120	-35	7.03	6.58	6.25	5.89	5.46	4.96	4.39
D	6	1853.6	-31.81	134.77	479019.61	6479999.39	236.04	182.14	116.91	120	119.14	54774.64	0.02	1.38	-1.85	-120.38	-33.02	0	0	-120	-35	7.04	6.59	6.25	5.9	5.47	4.96	4.4
D	6	1853.8	-31.81	134.77	479019.89	6479986.09	235.99	182.32	116.48	120	119.51	54775.45	0.02	1.38	-1.77	-120.35	-33.06	0	0	-120	-35	7.04	6.6	6.26	5.91	5.48	4.97	4.41
D	6	1854	-31.81	134.77	479020.18	6479972.79	235.94	182.49	115.9	120	120.04	54776.34	0.02	1.39	-1.47	-120.32	-33.05	0	0	-120	-35	7.06	6.61	6.27	5.92	5.49	4.98	4.42
D	6	1854.2	-31.81	134.77	479020.45	6479959.49	235.87	182.59	115.23	120	120.65	54777.23	0.02	1.37	-0.93	-120.27	-33.07	0	0	-120	-35	7.08	6.63	6.29	5.94	5.5	5	4.44
D	6	1854.4	-31.81	134.77	479020.72	6479946.2	235.81	182.62	114.6	120	121.21	54778.07	0.02	1.3	-0.29	-120.25	-33.06	0	0	-120	-35	7.11	6.65	6.31	5.96	5.52	5.02	4.46
D	6	1854.6	-31.81	134.77	479020.97	6479932.91	235.74	182.54	114.15	120	121.59	54778.9	0.02	1.24	0.37	-120.23	-33.04	0	0	-120	-35	7.15	6.68	6.34	5.98	5.55	5.04	4.48
D	6	1854.8	-31.81	134.77	479021.2	6479919.62	235.66	182.39	113.98	120	121.67	54779.74	0.02	1.21	0.96	-120.24	-33.05	0	0	-120	-35	7.18	6.71	6.36	6.01	5.57	5.07	4.5
D	6	1855	-31.81	134.77	479021.4	6479906.33	235.56	182.22	114.05	120	121.51	54780.59	0.02	1.2	1.48	-120.23	-33.04	0	0	-120	-35	7.21	6.73	6.39	6.03	5.59	5.09	4.52
D	6	1855.2	-31.81	134.77	479021.57	6479893.04	235.45	182.03	114.14	120	121.3	54781.39	0.02	1.2	1.94	-120.24	-33	0	0	-120	-35	7.22	6.75	6.4	6.05	5.61	5.1	4.54
D	6	1855.4	-31.81	134.77	479021.71	6479879.76	235.32	181.88	114.13	120	121.19	54782.13	0.02	1.22	2.26	-120.28	-32.98	0	0	-120	-35	7.24	6.77	6.42	6.06	5.63	5.12	4.55
D	6	1855.6	-31.81	134.77	479021.82	6479866.48	235.19	181.75	113.89	120	121.3	54782.84	0.02	1.29	2.39	-120.34	-32.94	0	0	-120	-35	7.25	6.79	6.44	6.08	5.65	5.14	4.57
D	6	1855.8	-31.81	134.77	479021.9	6479853.2	235.07	181.68	113.44	120	121.63	54783.54	0.02	1.38	2.44	-120.41	-32.9	0	0	-120	-35	7.26	6.8	6.45	6.1	5.66	5.16	4.59
D	6	1856	-31.81	134.77	479021.94	6479839.92	234.96	181.66	112.89	120	122.08	54784.23	0.02	1.46	2.47	-120.47	-32.86	0	0	-120	-35	7.28	6.83	6.47	6.12	5.69	5.19	4.61
D	6	1856.2	-31.81	134.77	479021.96	6479826.64	234.88	181.67	112.35	120	122.53	54784.9	0.02	1.54	2.42	-120.53	-32.82	0	0	-120	-35	7.3	6.86	6.5	6.15	5.72	5.21	4.64
D	6	1856.4	-31.81	134.77	479021.94	6479813.37	234.82	181.7	111.97	120	122.85	54785.55	0.02	1.63	2.24	-120.59	-32.83	0	0	-120	-35	7.34	6.89	6.53	6.18	5.75	5.25	4.67
D	6	1856.6	-31.81	134.77	479021.89	6479800.09	234.77	181.72	111.81	120	122.96	54786.17	0.02	1.73	1.89	-120.64	-32.85	0	0	-120	-35	7.38	6.93	6.57	6.22	5.78	5.28	4.71
D	6	1856.8	-31.81	134.77	479021.81	6479786.82	234.74	181.71	111.85	120	122.89	54786.72	0.02	1.82	1.42	-120.66	-32.89	0	0	-120	-35	7.42	6.96	6.6	6.25	5.81	5.31	4.74
D	6	1857	-31.81	134.77	479021.7	6479773.56	234.72	181.68	112.03	120	122.69	54787.22	0.02	1.93	0.89	-120.69	-32.93	0	0	-120	-35	7.45	6.99	6.63				

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1864.8	-31.82	134.77	479019.31	6479260.88	234.46	181.29	107.58	120	126.88	54830.78	0.03	2.14	0.55	-120.34	-33.66	0	0	-120	-35	7.63	7.15	6.79	6.42	5.96	5.44	4.86
D	6	1865	-31.82	134.77	479019.13	6479247.82	234.5	181.15	108.6	120	125.9	54832.27	0.04	2.32	-0.25	-120.3	-33.68	0	0	-120	-35	7.64	7.16	6.8	6.43	5.97	5.45	4.87
D	6	1865.2	-31.82	134.77	479018.96	6479234.76	234.56	181.1	109.84	120	124.72	54833.85	0.04	2.45	-1.03	-120.31	-33.76	0	0	-120	-35	7.65	7.17	6.81	6.44	5.98	5.46	4.87
D	6	1865.4	-31.82	134.77	479018.77	6479221.71	234.65	181.2	111.17	120	123.48	54835.45	0.05	2.55	-1.74	-120.26	-33.84	0	0	-120	-35	7.66	7.19	6.82	6.45	5.99	5.47	4.88
D	6	1865.6	-31.82	134.77	479018.58	6479208.67	234.76	181.42	112.52	120	122.24	54837.03	0.05	2.61	-2.4	-120.2	-33.92	0	0	-120	-35	7.68	7.2	6.83	6.46	6	5.48	4.89
D	6	1865.8	-31.82	134.77	479018.4	6479195.63	234.87	181.7	113.81	120	121.06	54838.57	0.06	2.62	-2.97	-120.13	-34.01	0	0	-120	-35	7.69	7.2	6.85	6.47	6.01	5.49	4.9
D	6	1866	-31.82	134.77	479018.21	6479182.6	234.99	181.99	114.98	120	120.01	54840.08	0.06	2.58	-3.36	-120.08	-34.13	0	0	-120	-35	7.7	7.2	6.85	6.47	6.01	5.49	4.9
D	6	1866.2	-31.82	134.77	479018.03	6479169.57	235.1	182.24	115.97	120	119.13	54841.58	0.07	2.55	-3.53	-120	-34.27	0	0	-120	-35	7.69	7.18	6.84	6.46	6	5.47	4.88
D	6	1866.4	-31.82	134.77	479017.86	6479156.55	235.22	182.43	116.71	120	118.51	54843.04	0.07	2.54	-3.56	-119.93	-34.39	0	0	-120	-35	7.66	7.14	6.81	6.43	5.97	5.44	4.86
D	6	1866.6	-31.82	134.77	479017.7	6479143.53	235.33	182.56	117.15	120	118.18	54844.46	0.08	2.52	-3.52	-119.85	-34.52	0	0	-120	-35	7.63	7.11	6.79	6.4	5.94	5.41	4.83
D	6	1866.8	-31.82	134.77	479017.53	6479130.52	235.45	182.62	117.33	120	118.12	54845.8	0.08	2.5	-3.38	-119.76	-34.59	0	0	-120	-35	7.6	7.07	6.76	6.36	5.91	5.38	4.8
D	6	1867	-31.82	134.77	479017.36	6479117.52	235.57	182.67	117.33	120	118.24	54847.05	0.08	2.47	-3.17	-119.68	-34.71	0	0	-120	-35	7.56	7.04	6.72	6.33	5.87	5.35	4.78
D	6	1867.2	-31.82	134.77	479017.2	6479104.51	235.69	182.77	117.25	120	118.44	54848.22	0.08	2.42	-2.9	-119.64	-34.78	0	0	-120	-35	7.51	7	6.69	6.3	5.84	5.33	4.75
D	6	1867.4	-31.82	134.77	479017.03	6479091.51	235.81	182.88	117.22	120	118.58	54849.33	0.09	2.38	-2.54	-119.59	-34.85	0	0	-120	-35	7.47	6.97	6.66	6.26	5.81	5.3	4.72
D	6	1867.6	-31.82	134.77	479016.86	6479078.52	235.92	182.99	117.33	120	118.6	54850.42	0.09	2.37	-2.11	-119.51	-34.9	0	0	-120	-35	7.44	6.95	6.62	6.23	5.78	5.27	4.7
D	6	1867.8	-31.82	134.77	479016.69	6479065.52	236.03	183.03	117.55	120	118.49	54851.5	0.09	2.34	-1.68	-119.46	-34.91	0	0	-120	-35	7.41	6.93	6.6	6.21	5.76	5.25	4.68
D	6	1868	-31.82	134.77	479016.5	6479052.53	236.13	182.99	117.82	120	118.31	54852.52	0.09	2.25	-1.29	-119.43	-34.91	0	0	-120	-35	7.39	6.91	6.58	6.19	5.74	5.23	4.66
D	6	1868.2	-31.82	134.77	479016.31	6479039.55	236.22	182.96	118	120	118.22	54853.44	0.09	2.14	-0.94	-119.41	-34.94	0	0	-120	-35	7.38	6.89	6.56	6.17	5.72	5.21	4.65
D	6	1868.4	-31.82	134.77	479016.12	6479026.56	236.29	182.95	118.02	120	118.28	54854.27	0.09	2.02	-0.64	-119.36	-34.9	0	0	-120	-35	7.36	6.88	6.54	6.16	5.71	5.2	4.63
D	6	1868.6	-31.82	134.77	479015.91	6479013.58	236.36	182.97	117.87	120	118.49	54855.01	0.09	1.95	-0.34	-119.37	-34.85	0	0	-120	-35	7.34	6.85	6.51	6.13	5.68	5.18	4.61
D	6	1868.8	-31.82	134.77	479015.7	6479000.59	236.41	183.02	117.59	120	118.82	54855.71	0.09	1.93	-0.19	-119.36	-34.78	0	0	-120	-35	7.31	6.83	6.49	6.11	5.66	5.15	4.59
D	6	1869	-31.82	134.77	479015.48	6478987.61	236.45	183.05	117.23	120	119.22	54856.35	0.08	1.92	-0.19	-119.37	-34.64	0	0	-120	-35	7.27	6.8	6.45	6.08	5.63	5.13	4.57
D	6	1869.2	-31.82	134.77	479015.26	6478974.63	236.48	183.03	116.83	120	119.65	54856.94	0.08	1.91	-0.29	-119.4	-34.48	0	0	-120	-35	7.23	6.76	6.42	6.05	5.6	5.1	4.54
D	6	1869.4	-31.82	134.77	479015.03	6478961.64	236.49	182.96	116.33	120	120.16	54857.5	0.08	1.88	-0.52	-119.4	-34.3	0	0	-120	-35	7.19	6.73	6.38	6.01	5.57	5.07	4.52
D	6	1869.6	-31.82	134.77	479014.79	6478948.66	236.49	182.85	115.74	120	120.75	54858.03	0.08	1.84	-0.84	-119.47	-34.12	0	0	-120	-35	7.14	6.69	6.34	5.98	5.54	5.04	4.49
D	6	1869.8	-31.82	134.77	479014.56	6478935.67	236.48	182.71	115.13	120	121.34	54858.54	0.08	1.77	-1.19	-119.51	-33.9	0	0	-120	-35	7.1	6.66	6.31	5.95	5.51	5.02	4.47
D	6	1870	-31.82	134.77	479014.33	6478922.69	236.46	182.59	114.68	120	121.78	54859.01	0.07	1.69	-1.55	-119.58	-33.72	0	0	-120	-35	7.07	6.64	6.28	5.93	5.49	4.99	4.45
D	6	1870.2	-31.82	134.77	479014.11	6478909.71	236.43	182.51	114.55	120	121.89	54859.46	0.07	1.62	-1.88	-119.62	-33.56	0	0	-120	-35	7.05	6.63	6.27	5.91	5.48	4.98	4.44
D	6	1870.4	-31.82	134.77	479013.9	6478896.73	236.4	182.44	114.88	120	121.53	54859.89	0.07	1.58	-2.17	-119.7	-33.42	0	0	-120	-35	7.04	6.62	6.26	5.9	5.47	4.98	4.43
D	6	1870.6	-31.82	134.77	479013.7	6478883.75	236.37	182.38	115.64	120	120.72	54860.32	0.07	1.55	-2.33	-119.76	-33.3	0	0	-120	-35	7.04	6.61	6.26	5.9	5.47	4.97	4.43
D	6	1870.8	-31.82	134.77	479013.51	6478870.77	236.33	182.31	116.66	120	119.67	54860.73	0.07	1.55	-2.37	-119.83	-33.22	0	0	-120	-35	7.05	6.61	6.26	5.9	5.47	4.97	4.43
D	6	1871	-31.82	134.77	479013.34	6478857.8	236.3	182.2	117.7	120	118.6	54861.11	0.06	1.57	-2.37	-119.87	-33.17	0	0	-120	-35	7.06	6.61	6.27	5.9	5.47	4.97	4.43
D	6	1871.2	-31.82	134.77	479013.19	6478844.83	236.27	182.12	118.55	120	117.72	54861.46	0.06	1.59	-2.4	-119.93	-33.11	0	0	-120	-35	7.07	6.61	6.27	5.9	5.47	4.97	4.43
D	6	1871.4	-31.82	134.77	479013.05	6478831.85	236.25	182.07	119.09	120	117.15	54861.76	0.06	1.62	-2.52	-119.95	-33.08	0	0	-120	-35	7.08	6.61	6.27	5.9	5.47	4.97	4.43
D	6	1871.6	-31.82	134.77	479012.94	6478818.88	236.23	182.11	119.37	120	116.86	54861.98	0.05	1.67	-2.78	-119.99	-33.04	0	0	-120	-35	7.08	6.6	6.27	5.9	5.46	4.97	4.43
D	6	1871.8	-31.82	134.77	479012.85	6478805.91	236.23	182.27	119.46	120	116.76	54862.17	0.05	1.71	-3.14	-120.01	-33.01	0	0	-120	-35	7.07	6.59	6.26	5.89	5.45	4.96	4.43
D	6	1872	-31.82	134.77	479012.79	6478792.93	236.23	182.53	119.49	120	116.75	54862.43	0.05	1.75	-3.57	-120.03	-33.04	0	0	-120	-35	7.06	6.59	6.25	5.88	5.45	4.96	4.42
D	6	1872.2	-31.82	134.77	479012.75	6478779.96	236.26	182.85	119.52	120	116.74	54862.85	0.04	1.79	-4	-120.07	-33.05	0	0	-120	-35	7.05	6.58	6.24	5.87	5.44	4.95	4.42
D	6	1872.4	-31.82	134.77	479012.73	6478766.99	236.3	183.17	119.57	120	116.73	54863.38	0.04	1.82	-4.25	-120.07	-33.1	0	0	-120	-35	7.05	6.57	6.23	5.86	5.43	4.94	4.41
D	6	1872.6	-31.82	134.77	479012.73	6478754.01	236.34	183.45	119.6	120	116.73	54863.92	0.04	1.8	-4.35	-120.09	-33.14	0	0	-120	-35	7.05	6.57	6.23	5.86	5.42	4.94	4.41
D	6	1872.8	-31.82	134.77	479012.73	6478741.03	236.36	183.65	119.57	120	116.79	54864.45	0.04	1.76	-4.41	-120.09	-33.19	0	0	-120	-35	7.05	6.57	6.22	5.86	5.42	4.93	4.4
D	6	1873	-31.82	134.77	479012.74	6478728.05	236.37	183.74	119.41	120	116.95	54865.02	0.05	1.69	-4.44	-120.07	-33.22	0	0	-120	-35	7.06	6.57	6.23	5.86	5.42	4.93	4.4
D	6	1873.2	-31.82	134.77	479012.74	6478715.07	236.34	183.73	119.07	120	117.27	54865.66	0.05	1.65	-4.3	-120.07	-33.28	0	0	-120	-35	7.07	6.57	6.23	5.86	5.42	4.93	4.4
D	6	1873.4	-31.82	134.77	479012.73	6478702.09	236.29	183.62	118.54	120	117.75	54866.34	0.05	1.68	-3.94	-120.09	-33.32	0	0	-120	-35	7.08	6.58	6.23	5.86			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	1881.2	-31.83	134.77	479011	6478195.99	235.89	182.41	117.67	120	118.22	54874.32	0.03	0.77	-0.04	-120.14	-32.85	0	0	-120	-35	6.97	6.4	6.02	5.61	5.15	4.68	4.18
D	6	1881.4	-31.83	134.77	479010.74	6478182.97	235.74	182.13	117.14	120	118.6	54874.69	0.04	0.76	-0.38	-120.18	-32.75	0	0	-120	-35	7	6.43	6.05	5.63	5.18	4.69	4.19
D	6	2035	-31.83	134.78	479996.46	6478187.34	237.84	184.52	116.4	120	121.44	54796.83	-0.01	1.29	1.9	-119.5	-32.63	0	0	-120	-35	6.78	6.29	5.94	5.55	5.11	4.61	4.09
D	6	2035.2	-31.83	134.78	479996.38	6478201.03	237.82	184.38	116.98	120	120.84	54797.47	0	1.31	1.91	-119.47	-32.66	0	0	-120	-35	6.77	6.29	5.94	5.56	5.11	4.62	4.1
D	6	2035.4	-31.83	134.78	479996.32	6478214.72	237.79	184.29	117.79	120	120	54798.14	0	1.33	1.87	-119.49	-32.69	0	0	-120	-35	6.77	6.3	5.94	5.56	5.12	4.63	4.11
D	6	2035.6	-31.83	134.78	479996.26	6478228.41	237.76	184.24	118.7	120	119.06	54798.8	0.01	1.35	1.79	-119.48	-32.7	0	0	-120	-35	6.78	6.32	5.95	5.58	5.13	4.64	4.12
D	6	2035.8	-31.83	134.78	479996.22	6478242.1	237.75	184.23	119.57	120	118.18	54799.4	0.01	1.37	1.7	-119.49	-32.69	0	0	-120	-35	6.8	6.34	5.96	5.59	5.15	4.66	4.13
D	6	2036	-31.83	134.78	479996.18	6478255.78	237.74	184.24	120.28	120	117.46	54799.9	0.01	1.39	1.57	-119.51	-32.66	0	0	-120	-35	6.81	6.36	5.98	5.61	5.17	4.68	4.15
D	6	2036.2	-31.83	134.78	479996.16	6478269.46	237.74	184.29	120.78	120	116.96	54800.3	0.01	1.38	1.41	-119.5	-32.62	0	0	-120	-35	6.83	6.38	5.99	5.63	5.18	4.69	4.17
D	6	2036.4	-31.83	134.78	479996.16	6478283.14	237.76	184.37	121.07	120	116.69	54800.68	0.01	1.33	1.2	-119.53	-32.6	0	0	-120	-35	6.84	6.39	6	5.64	5.2	4.71	4.18
D	6	2036.6	-31.83	134.78	479996.16	6478296.82	237.77	184.45	121.15	120	116.62	54801.11	0.02	1.26	1.01	-119.53	-32.54	0	0	-120	-35	6.85	6.39	6.01	5.65	5.21	4.72	4.19
D	6	2036.8	-31.83	134.78	479996.18	6478310.5	237.77	184.53	121.05	120	116.72	54801.56	0.02	1.19	0.85	-119.56	-32.46	0	0	-120	-35	6.84	6.39	6.02	5.66	5.21	4.73	4.2
D	6	2037	-31.83	134.78	479996.2	6478324.17	237.76	184.58	120.84	120	116.92	54801.95	0.02	1.12	0.74	-119.64	-32.38	0	0	-120	-35	6.83	6.38	6.02	5.66	5.22	4.73	4.2
D	6	2037.2	-31.83	134.78	479996.24	6478337.84	237.73	184.58	120.58	120	117.14	54802.23	0.02	1.07	0.71	-119.7	-32.27	0	0	-120	-35	6.81	6.37	6.01	5.65	5.21	4.73	4.21
D	6	2037.4	-31.83	134.78	479996.29	6478351.51	237.67	184.55	120.35	120	117.32	54802.41	0.02	1.05	0.7	-119.76	-32.11	0	0	-120	-35	6.79	6.35	6	5.65	5.21	4.73	4.21
D	6	2037.6	-31.83	134.78	479996.35	6478365.17	237.6	184.47	120.17	120	117.43	54802.55	0.02	1.03	0.7	-119.83	-31.98	0	0	-120	-35	6.77	6.34	6	5.65	5.22	4.74	4.22
D	6	2037.8	-31.83	134.78	479996.42	6478378.84	237.52	184.36	120.01	120	117.51	54802.65	0.02	1.01	0.71	-119.93	-31.83	0	0	-120	-35	6.75	6.34	6	5.65	5.22	4.75	4.23
D	6	2038	-31.82	134.78	479996.5	6478392.5	237.42	184.22	119.8	120	117.62	54802.75	0.02	0.98	0.76	-120.02	-31.69	0	0	-120	-35	6.75	6.35	6	5.66	5.24	4.76	4.24
D	6	2038.2	-31.82	134.78	479996.6	6478406.16	237.31	184.07	119.51	120	117.8	54802.87	0.02	0.96	0.81	-120.12	-31.59	0	0	-120	-35	6.76	6.37	6.02	5.68	5.26	4.78	4.26
D	6	2038.4	-31.82	134.78	479996.7	6478419.82	237.2	183.9	119.14	120	118.06	54803.01	0.01	0.95	0.85	-120.19	-31.51	0	0	-120	-35	6.78	6.4	6.05	5.71	5.29	4.81	4.29
D	6	2038.6	-31.82	134.78	479996.81	6478433.48	237.07	183.72	118.73	120	118.35	54803.14	0.01	0.93	0.87	-120.25	-31.46	0	0	-120	-35	6.82	6.43	6.09	5.75	5.33	4.85	4.32
D	6	2038.8	-31.82	134.78	479996.94	6478447.14	236.94	183.53	118.37	120	118.57	54803.22	0.01	0.92	0.87	-120.3	-31.41	0	0	-120	-35	6.86	6.47	6.13	5.79	5.37	4.88	4.36
D	6	2039	-31.82	134.78	479997.07	6478460.8	236.8	183.35	118.17	120	118.62	54803.29	0.01	0.9	0.86	-120.35	-31.37	0	0	-120	-35	6.91	6.52	6.17	5.83	5.41	4.92	4.39
D	6	2039.2	-31.82	134.78	479997.21	6478474.46	236.65	183.17	118.17	120	118.48	54803.4	0.01	0.89	0.83	-120.39	-31.35	0	0	-120	-35	6.96	6.56	6.22	5.87	5.45	4.96	4.43
D	6	2039.4	-31.82	134.78	479997.35	6478488.12	236.49	182.99	118.36	120	118.13	54803.58	0.01	0.9	0.8	-120.45	-31.34	0	0	-120	-35	7.02	6.61	6.26	5.92	5.49	5	4.46
D	6	2039.6	-31.82	134.78	479997.5	6478501.79	236.34	182.81	118.67	120	117.67	54803.83	0.01	0.94	0.76	-120.5	-31.31	0	0	-120	-35	7.07	6.65	6.31	5.96	5.53	5.04	4.5
D	6	2039.8	-31.82	134.78	479997.66	6478515.45	236.18	182.63	118.96	120	117.22	54804.1	0.01	0.98	0.68	-120.53	-31.31	0	0	-120	-35	7.11	6.69	6.35	6.01	5.58	5.09	4.54
D	6	2040	-31.82	134.78	479997.82	6478529.12	236.03	182.44	119.16	120	116.87	54804.4	0.01	1.05	0.57	-120.59	-31.31	0	0	-120	-35	7.16	6.74	6.4	6.05	5.62	5.13	4.58
D	6	2040.2	-31.82	134.78	479997.98	6478542.79	235.88	182.25	119.19	120	116.69	54804.76	0.02	1.14	0.45	-120.62	-31.31	0	0	-120	-35	7.21	6.78	6.44	6.1	5.66	5.17	4.61
D	6	2040.4	-31.82	134.78	479998.14	6478556.45	235.73	182.06	119.04	120	116.69	54805.19	0.02	1.24	0.34	-120.66	-31.35	0	0	-120	-35	7.25	6.82	6.49	6.14	5.71	5.21	4.65
D	6	2040.6	-31.82	134.78	479998.31	6478570.12	235.59	181.9	118.76	120	116.83	54805.7	0.02	1.37	0.27	-120.66	-31.37	0	0	-120	-35	7.3	6.87	6.53	6.18	5.75	5.25	4.69
D	6	2040.8	-31.82	134.78	479998.48	6478583.79	235.46	181.77	118.45	120	117.01	54806.25	0.03	1.49	0.22	-120.69	-31.42	0	0	-120	-35	7.34	6.91	6.58	6.23	5.79	5.29	4.72
D	6	2041	-31.82	134.78	479998.64	6478597.46	235.35	181.69	118.22	120	117.13	54806.83	0.04	1.61	0.18	-120.7	-31.49	0	0	-120	-35	7.38	6.95	6.62	6.27	5.83	5.32	4.76
D	6	2041.2	-31.82	134.78	479998.81	6478611.13	235.26	181.63	118.14	120	117.11	54807.4	0.04	1.69	0.13	-120.72	-31.59	0	0	-120	-35	7.42	6.99	6.66	6.3	5.86	5.36	4.78
D	6	2041.4	-31.82	134.78	479998.97	6478624.8	235.18	181.58	118.24	120	116.94	54807.97	0.05	1.76	0.08	-120.71	-31.68	0	0	-120	-35	7.46	7.03	6.69	6.33	5.89	5.38	4.81
D	6	2041.6	-31.82	134.78	479999.13	6478638.47	235.11	181.52	118.45	120	116.67	54808.56	0.06	1.83	0.01	-120.7	-31.76	0	0	-120	-35	7.49	7.06	6.72	6.36	5.92	5.41	4.83
D	6	2041.8	-31.82	134.78	479999.29	6478652.13	235.06	181.46	118.68	120	116.38	54809.12	0.06	1.9	-0.07	-120.69	-31.85	0	0	-120	-35	7.51	7.08	6.74	6.38	5.94	5.43	4.85
D	6	2042	-31.82	134.78	479999.45	6478665.79	235.02	181.42	118.9	120	116.12	54809.67	0.07	1.96	-0.19	-120.66	-31.94	0	0	-120	-35	7.52	7.1	6.76	6.4	5.96	5.44	4.86
D	6	2042.2	-31.82	134.78	479999.6	6478679.45	234.98	181.4	119.06	120	115.92	54810.19	0.08	2.03	-0.27	-120.62	-32.06	0	0	-120	-35	7.54	7.11	6.78	6.42	5.97	5.46	4.87
D	6	2042.4	-31.82	134.78	479999.76	6478693.11	234.95	181.4	119.17	120	115.77	54810.69	0.09	2.11	-0.28	-120.56	-32.18	0	0	-120	-35	7.55	7.12	6.8	6.43	5.99	5.47	4.88
D	6	2042.6	-31.82	134.78	479999.91	6478706.76	234.92	181.41	119.24	120	115.69	54811.17	0.1	2.18	-0.23	-120.52	-32.33	0	0	-120	-35	7.56	7.13	6.82	6.44	6	5.48	4.9
D	6	2042.8	-31.82	134.78	480000.06	6478720.4	234.92	181.43	119.23	120	115.69	54811.58	0.11	2.21	-0.14	-120.46	-32.54	0	0	-120	-35	7.58	7.14	6.83	6.46	6.01	5.5	4.91
D	6	2043	-31.82	134.78	480000.22	6478734.05	234.93	181.45	119.17	120	115.77	54811.84	0.11	2.18	0	-120.39	-32.76	0	0	-120	-35	7.6	7.15	6.85	6.47	6.03	5.51	4.92
D	6	2043.2	-31.82	134.78	480000.38	6478747.68	234.97	181.49	119.04	120	115.93	54811.94	0.12	2.12	0.09	-120.3	-32.99	0	0	-120	-35	7.63	7.17	6.87	6.49	6.04	5.53	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2051	-31.82	134.78	480006.99	6479279.59	231.99	178.02	115.6	120	116.39	54758.24	-0.01	1.4	-0.06	-121.31	-31.59	0	0	-120	-35	8.07	7.64	7.26	6.9	6.42	5.87	5.24
D	6	2051.2	-31.82	134.78	480007.16	6479293.27	231.89	177.94	115.47	120	116.42	54757.64	-0.01	1.5	-0.18	-121.28	-31.66	0	0	-120	-35	8.1	7.68	7.3	6.94	6.45	5.91	5.27
D	6	2051.4	-31.82	134.78	480007.32	6479306.94	231.81	177.88	115.28	120	116.52	54757.08	-0.01	1.59	-0.33	-121.23	-31.8	0	0	-120	-35	8.15	7.72	7.34	6.98	6.49	5.94	5.3
D	6	2051.6	-31.82	134.78	480007.48	6479320.62	231.74	177.82	115.09	120	116.65	54756.52	0	1.68	-0.51	-121.19	-31.95	0	0	-120	-35	8.19	7.77	7.38	7.02	6.52	5.97	5.32
D	6	2051.8	-31.82	134.78	480007.63	6479334.29	231.7	177.76	114.95	120	116.74	54756	0	1.76	-0.69	-121.12	-32.11	0	0	-120	-35	8.24	7.81	7.42	7.06	6.56	6.01	5.35
D	6	2052	-31.82	134.78	480007.77	6479347.96	231.67	177.68	114.94	120	116.73	54755.49	0.01	1.83	-0.78	-121.08	-32.31	0	0	-120	-35	8.29	7.86	7.46	7.1	6.6	6.04	5.38
D	6	2052.2	-31.82	134.78	480007.9	6479361.63	231.67	177.59	115.06	120	116.61	54754.95	0.01	1.91	-0.83	-120.99	-32.54	0	0	-120	-35	8.34	7.9	7.5	7.13	6.64	6.07	5.41
D	6	2052.4	-31.82	134.78	480008.02	6479375.3	231.69	177.52	115.24	120	116.45	54754.35	0.02	1.96	-0.9	-120.93	-32.75	0	0	-120	-35	8.38	7.93	7.54	7.16	6.66	6.09	5.43
D	6	2052.6	-31.82	134.78	480008.13	6479388.97	231.73	177.52	115.42	120	116.31	54753.65	0.02	2	-0.98	-120.84	-32.99	0	0	-120	-35	8.42	7.96	7.57	7.18	6.69	6.11	5.44
D	6	2052.8	-31.82	134.78	480008.23	6479402.63	231.78	177.59	115.47	120	116.31	54752.84	0.03	2.02	-1.06	-120.74	-33.19	0	0	-120	-35	8.45	7.98	7.59	7.2	6.7	6.13	5.45
D	6	2053	-31.82	134.78	480008.31	6479416.3	231.84	177.7	115.35	120	116.49	54751.86	0.03	2.05	-1.17	-120.67	-33.4	0	0	-120	-35	8.47	7.99	7.61	7.21	6.71	6.14	5.46
D	6	2053.2	-31.82	134.78	480008.38	6479429.95	231.92	177.82	115.07	120	116.85	54750.72	0.03	2.09	-1.24	-120.56	-33.6	0	0	-120	-35	8.49	8	7.62	7.22	6.72	6.14	5.47
D	6	2053.4	-31.82	134.78	480008.43	6479443.6	232.01	177.94	114.69	120	117.32	54749.4	0.02	2.13	-1.26	-120.48	-33.78	0	0	-120	-35	8.5	8	7.63	7.22	6.73	6.15	5.47
D	6	2053.6	-31.82	134.78	480008.47	6479457.25	232.11	178.06	114.29	120	117.81	54747.91	0.01	2.16	-1.23	-120.39	-33.96	0	0	-120	-35	8.51	8	7.63	7.23	6.73	6.15	5.47
D	6	2053.8	-31.82	134.78	480008.5	6479470.89	232.21	178.17	113.98	120	118.24	54746.3	0.01	2.2	-1.17	-120.3	-34.1	0	0	-120	-35	8.51	7.99	7.63	7.22	6.72	6.14	5.46
D	6	2054	-31.82	134.78	480008.51	6479484.53	232.32	178.3	113.75	120	118.57	54744.62	0	2.24	-1.09	-120.25	-34.24	0	0	-120	-35	8.49	7.98	7.61	7.21	6.71	6.13	5.45
D	6	2054.2	-31.81	134.78	480008.52	6479498.15	232.44	178.43	113.62	120	118.82	54742.9	-0.01	2.3	-0.99	-120.18	-34.36	0	0	-120	-35	8.47	7.96	7.59	7.19	6.69	6.12	5.44
D	6	2054.4	-31.81	134.78	480008.51	6479511.77	232.56	178.58	113.57	120	118.99	54741.18	-0.02	2.38	-0.86	-120.12	-34.46	0	0	-120	-35	8.44	7.93	7.56	7.16	6.67	6.09	5.41
D	6	2054.6	-31.81	134.78	480008.5	6479525.39	232.69	178.74	113.55	120	119.14	54739.51	-0.03	2.5	-0.72	-120.09	-34.59	0	0	-120	-35	8.41	7.91	7.54	7.14	6.65	6.07	5.4
D	6	2054.8	-31.81	134.78	480008.48	6479538.99	232.84	178.94	113.6	120	119.24	54737.96	-0.04	2.6	-0.57	-120.06	-34.68	0	0	-120	-35	8.38	7.88	7.5	7.11	6.63	6.05	5.37
D	6	2055	-31.81	134.78	480008.45	6479552.59	233.01	179.16	113.68	120	119.33	54736.58	-0.04	2.71	-0.41	-120.02	-34.76	0	0	-120	-35	8.34	7.86	7.47	7.09	6.6	6.02	5.34
D	6	2055.2	-31.81	134.78	480008.43	6479566.18	233.21	179.37	113.79	120	119.42	54735.4	-0.05	2.81	-0.24	-119.99	-34.89	0	0	-120	-35	8.31	7.83	7.44	7.06	6.57	6	5.32
D	6	2055.4	-31.81	134.78	480008.4	6479579.76	233.44	179.6	113.98	120	119.46	54734.44	-0.05	2.89	-0.04	-119.98	-35	0	0	-120	-35	8.28	7.8	7.42	7.03	6.55	5.97	5.29
D	6	2055.6	-31.81	134.78	480008.37	6479593.34	233.69	179.84	114.3	120	119.39	54733.67	-0.04	2.97	0.13	-119.94	-35.13	0	0	-120	-35	8.24	7.76	7.38	7	6.52	5.94	5.26
D	6	2055.8	-31.81	134.78	480008.34	6479606.9	233.97	180.12	114.81	120	119.16	54733.1	-0.04	3.05	0.27	-119.93	-35.23	0	0	-120	-35	8.2	7.73	7.35	6.97	6.49	5.91	5.22
D	6	2056	-31.81	134.78	480008.33	6479620.45	234.29	180.47	115.52	120	118.77	54732.74	-0.02	3.12	0.4	-119.92	-35.38	0	0	-120	-35	8.16	7.68	7.31	6.93	6.45	5.87	5.18
D	6	2056.2	-31.81	134.78	480008.31	6479633.99	234.64	180.83	116.36	120	118.29	54732.61	-0.01	3.17	0.62	-119.87	-35.51	0	0	-120	-35	8.1	7.64	7.26	6.88	6.4	5.83	5.13
D	6	2056.4	-31.81	134.78	480008.31	6479647.52	235.03	181.16	117.22	120	117.81	54732.57	0	3.22	1.01	-119.84	-35.62	0	0	-120	-35	8.04	7.58	7.21	6.83	6.35	5.77	5.07
D	6	2056.6	-31.81	134.78	480008.31	6479661.03	235.44	181.45	118.01	120	117.43	54732.49	0.01	3.27	1.43	-119.81	-35.77	0	0	-120	-35	7.97	7.52	7.15	6.77	6.29	5.71	5.01
D	6	2056.8	-31.81	134.78	480008.31	6479674.54	235.86	181.69	118.67	120	117.19	54732.31	0.03	3.28	1.71	-119.77	-35.84	0	0	-120	-35	7.89	7.45	7.08	6.7	6.23	5.65	4.93
D	6	2057	-31.81	134.78	480008.31	6479688.04	236.28	181.93	119.19	120	117.09	54732.03	0.05	3.25	1.83	-119.72	-35.95	0	0	-120	-35	7.81	7.38	7	6.63	6.15	5.57	4.85
D	6	2057.2	-31.81	134.78	480008.3	6479701.52	236.7	182.25	119.58	120	117.12	54731.65	0.07	3.19	1.88	-119.66	-35.98	0	0	-120	-35	7.72	7.29	6.92	6.55	6.08	5.49	4.76
D	6	2057.4	-31.81	134.78	480008.29	6479715	237.12	182.62	119.86	120	117.26	54731.08	0.08	3.16	1.85	-119.64	-36.01	0	0	-120	-35	7.62	7.2	6.83	6.46	5.99	5.4	4.66
D	6	2057.6	-31.81	134.78	480008.27	6479728.46	237.53	183.01	120.02	120	117.51	54730.27	0.09	3.18	1.72	-119.61	-36.01	0	0	-120	-35	7.53	7.11	6.74	6.38	5.91	5.31	4.66
D	6	2057.8	-31.81	134.78	480008.26	6479741.92	237.93	183.43	120.1	120	117.84	54729.16	0.09	3.25	1.58	-119.57	-35.96	0	0	-120	-35	7.44	7.01	6.65	6.29	5.82	5.22	4.46
D	6	2058	-31.81	134.78	480008.23	6479755.36	238.33	183.83	120.1	120	118.22	54727.74	0.1	3.33	1.49	-119.56	-35.93	0	0	-120	-35	7.34	6.92	6.57	6.21	5.73	5.13	4.35
D	6	2058.2	-31.81	134.78	480008.2	6479768.79	238.71	184.23	120.09	120	118.62	54726.01	0.09	3.4	1.36	-119.54	-35.86	0	0	-120	-35	7.26	6.83	6.49	6.12	5.65	5.04	4.25
D	6	2058.4	-31.81	134.78	480008.17	6479782.2	239.08	184.66	120.14	120	118.94	54723.96	0.09	3.45	1.2	-119.55	-35.81	0	0	-120	-35	7.17	6.74	6.41	6.04	5.56	4.94	4.14
D	6	2058.6	-31.81	134.78	480008.13	6479795.61	239.44	185.08	120.32	120	119.12	54721.59	0.08	3.5	1.06	-119.58	-35.74	0	0	-120	-35	7.08	6.65	6.32	5.96	5.47	4.85	4.04
D	6	2058.8	-31.81	134.78	480008.08	6479809	239.8	185.49	120.74	120	119.06	54718.91	0.07	3.54	0.94	-119.6	-35.68	0	0	-120	-35	6.99	6.57	6.24	5.87	5.39	4.75	3.93
D	6	2059	-31.81	134.78	480008.03	6479822.38	240.17	185.89	121.4	120	118.77	54715.98	0.05	3.56	0.85	-119.63	-35.66	0	0	-120	-35	6.92	6.5	6.17	5.8	5.31	4.67	3.84
D	6	2059.2	-31.81	134.78	480007.98	6479835.75	240.54	186.26	122.21	120	118.33	54712.88	0.03	3.58	0.82	-119.66	-35.63	0	0	-120	-35	6.86	6.45	6.12	5.75	5.25	4.6	3.75
D	6	2059.4	-31.81	134.78	480007.92	6479849.11	240.91	186.62	123.05	120	117.85	54709.64	0.01	3.61	0.85	-119.7	-35.65	0	0	-120	-35	6.81	6.39	6.06	5.69	5.18	4.52	3.67
D	6	2059.6	-31.81	134.78	480007.86	6479862.45	241.28	187	123.79	120	117.49	54706.23	0	3.63	0.86	-119.73	-35.66	0	0	-120	-35	6.76	6.35	6.01	5.63	5.12	4.45	3.59

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2067.4	-31.81	134.78	480006.01	6480375.23	254.95	201.13	127.02	120	127.93	54603.75	-0.27	3.04	-0.18	-119.61	-36.32	0	0	-120	-35	5.11	4.5	3.97	3.39	2.65	1.84	1.08
D	6	2067.6	-31.81	134.78	480005.9	6480388.22	255.26	201.48	126.6	120	128.66	54598.77	-0.3	3.09	-0.42	-119.59	-36.35	0	0	-120	-35	5.11	4.47	3.93	3.33	2.59	1.78	1.03
D	6	2067.8	-31.81	134.78	480005.78	6480401.2	255.57	201.86	126.22	120	129.35	54593.72	-0.34	3.12	-0.6	-119.58	-36.38	0	0	-120	-35	5.11	4.44	3.9	3.28	2.52	1.72	0.98
D	6	2068	-31.81	134.78	480005.65	6480414.18	255.89	202.24	125.86	120	130.02	54588.63	-0.39	3.16	-0.7	-119.56	-36.46	0	0	-120	-35	5.12	4.42	3.85	3.22	2.45	1.65	0.92
D	6	2068.2	-31.81	134.78	480005.52	6480427.14	256.22	202.64	125.49	120	130.73	54583.54	-0.43	3.21	-0.73	-119.55	-36.5	0	0	-120	-35	5.14	4.38	3.8	3.15	2.37	1.57	0.87
D	6	2068.4	-31.81	134.78	480005.38	6480440.1	256.56	203.07	125.08	120	131.48	54578.54	-0.48	3.27	-0.73	-119.53	-36.58	0	0	-120	-35	5.16	4.35	3.75	3.07	2.28	1.49	0.81
D	6	2068.6	-31.81	134.78	480005.22	6480453.05	256.92	203.48	124.63	120	132.28	54573.72	-0.53	3.33	-0.69	-119.52	-36.66	0	0	-120	-35	5.18	4.32	3.68	2.99	2.19	1.41	0.76
D	6	2068.8	-31.81	134.78	480005.07	6480466	257.28	203.86	124.14	120	133.15	54569.17	-0.58	3.4	-0.59	-119.5	-36.79	0	0	-120	-35	5.2	4.28	3.62	2.9	2.09	1.33	0.7
D	6	2069	-31.81	134.78	480004.9	6480478.93	257.66	204.19	123.6	120	134.06	54564.97	-0.62	3.45	-0.48	-119.46	-36.89	0	0	-120	-35	5.22	4.26	3.56	2.82	2	1.25	0.65
D	6	2069.2	-31.81	134.78	480004.72	6480491.85	258.05	204.48	122.98	120	135.07	54561.21	-0.67	3.5	-0.37	-119.42	-36.99	0	0	-120	-35	5.25	4.24	3.51	2.75	1.92	1.18	0.61
D	6	2069.4	-31.81	134.78	480004.54	6480504.77	258.46	204.82	122.3	120	136.16	54557.99	-0.71	3.53	-0.24	-119.39	-37.09	0	0	-120	-35	5.28	4.23	3.47	2.7	1.86	1.12	0.57
D	6	2069.6	-31.81	134.78	480004.35	6480517.67	258.87	205.27	121.54	120	137.33	54555.4	-0.75	3.55	-0.14	-119.33	-37.16	0	0	-120	-35	5.32	4.24	3.46	2.66	1.81	1.07	0.54
D	6	2069.8	-31.81	134.78	480004.15	6480530.57	259.3	205.83	120.72	120	138.58	54553.53	-0.79	3.57	-0.02	-119.27	-37.27	0	0	-120	-35	5.38	4.27	3.46	2.65	1.79	1.05	0.51
D	6	2070	-31.81	134.78	480003.95	6480543.46	259.73	206.45	119.88	120	139.85	54552.39	-0.82	3.59	0.17	-119.22	-37.37	0	0	-120	-35	5.45	4.31	3.48	2.66	1.78	1.03	0.5
D	6	2070.2	-31.81	134.78	480003.75	6480556.33	260.17	207.03	119.04	120	141.13	54552.01	-0.84	3.65	0.34	-119.14	-37.45	0	0	-120	-35	5.52	4.36	3.52	2.68	1.79	1.03	0.49
D	6	2070.4	-31.81	134.78	480003.55	6480569.2	260.61	207.5	118.23	120	142.38	54552.4	-0.86	3.7	0.44	-119.07	-37.57	0	0	-120	-35	5.6	4.41	3.56	2.71	1.81	1.04	0.49
D	6	2070.6	-31.81	134.78	480003.34	6480582.06	261.06	207.88	117.48	120	143.58	54553.59	-0.88	3.68	0.51	-119.02	-37.67	0	0	-120	-35	5.67	4.46	3.59	2.73	1.83	1.04	0.49
D	6	2070.8	-31.81	134.78	480003.13	6480594.91	261.52	208.23	116.84	120	144.68	54555.65	-0.89	3.62	0.56	-118.94	-37.73	0	0	-120	-35	5.74	4.49	3.61	2.74	1.83	1.05	0.48
D	6	2071	-31.8	134.78	480002.93	6480607.75	261.97	208.59	116.3	120	145.67	54558.71	-0.9	3.58	0.64	-118.91	-37.8	0	0	-120	-35	5.79	4.5	3.61	2.74	1.83	1.04	0.48
D	6	2071.2	-31.8	134.78	480002.73	6480620.58	262.43	208.99	115.9	120	146.53	54562.87	-0.9	3.58	0.68	-118.87	-37.84	0	0	-120	-35	5.84	4.5	3.59	2.71	1.8	1.03	0.47
D	6	2071.4	-31.8	134.78	480002.53	6480633.39	262.89	209.42	115.58	120	147.31	54568.18	-0.89	3.6	0.7	-118.84	-37.87	0	0	-120	-35	5.87	4.47	3.54	2.65	1.76	1	0.46
D	6	2071.6	-31.8	134.78	480002.34	6480646.2	263.34	209.85	115.26	120	148.08	54574.72	-0.87	3.63	0.79	-118.83	-37.87	0	0	-120	-35	5.89	4.41	3.46	2.57	1.69	0.95	0.44
D	6	2071.8	-31.8	134.78	480002.15	6480659	263.8	210.3	114.91	120	148.89	54582.56	-0.83	3.66	0.87	-118.83	-37.87	0	0	-120	-35	5.89	4.34	3.36	2.46	1.6	0.89	0.41
D	6	2072	-31.8	134.78	480001.96	6480671.78	264.25	210.79	114.45	120	149.8	54591.75	-0.78	3.68	0.92	-118.82	-37.86	0	0	-120	-35	5.88	4.24	3.24	2.34	1.49	0.82	0.37
D	6	2072.2	-31.8	134.78	480001.77	6480684.56	264.7	211.28	113.88	120	150.83	54602.33	-0.71	3.7	1	-118.82	-37.81	0	0	-120	-35	5.86	4.14	3.11	2.2	1.37	0.74	0.33
D	6	2072.4	-31.8	134.78	480001.59	6480697.32	265.15	211.81	113.22	120	151.93	54614.28	-0.62	3.7	1.11	-118.84	-37.79	0	0	-120	-35	5.83	4.03	2.97	2.06	1.25	0.66	0.29
D	6	2072.6	-31.8	134.78	480001.41	6480710.08	265.59	212.37	112.52	120	153.07	54627.5	-0.51	3.69	1.19	-118.81	-37.75	0	0	-120	-35	5.81	3.93	2.84	1.92	1.13	0.58	0.25
D	6	2072.8	-31.8	134.78	480001.24	6480722.82	266.03	212.93	111.82	120	154.22	54641.79	-0.39	3.71	1.31	-118.83	-37.73	0	0	-120	-35	5.79	3.85	2.73	1.8	1.02	0.51	0.21
D	6	2073	-31.8	134.78	480001.08	6480735.56	266.48	213.49	111.18	120	155.3	54656.84	-0.25	3.76	1.51	-118.85	-37.7	0	0	-120	-35	5.78	3.78	2.63	1.69	0.93	0.44	0.18
D	6	2073.2	-31.8	134.78	480000.93	6480748.29	266.93	213.97	110.63	120	156.3	54672.25	-0.1	3.81	1.75	-118.86	-37.67	0	0	-120	-35	5.78	3.75	2.57	1.62	0.85	0.38	0.14
D	6	2073.4	-31.8	134.78	480000.79	6480761.01	267.38	214.4	110.18	120	157.2	54687.68	0.03	3.84	1.92	-118.86	-37.66	0	0	-120	-35	5.81	3.74	2.54	1.57	0.79	0.34	0.12
D	6	2073.6	-31.8	134.78	480000.66	6480773.72	267.83	214.76	109.86	120	157.97	54702.73	0.17	3.82	2.11	-118.86	-37.64	0	0	-120	-35	5.85	3.76	2.54	1.54	0.76	0.31	0.1
D	6	2073.8	-31.8	134.78	480000.54	6480786.42	268.28	215.05	109.63	120	158.65	54717.12	0.31	3.74	2.29	-118.86	-37.67	0	0	-120	-35	5.91	3.81	2.57	1.55	0.75	0.29	0.09
D	6	2074	-31.8	134.78	480000.42	6480799.12	268.72	215.33	109.48	120	159.24	54730.62	0.43	3.61	2.36	-118.86	-37.69	0	0	-120	-35	5.97	3.87	2.62	1.58	0.76	0.29	0.08
D	6	2074.2	-31.8	134.78	480000.31	6480811.8	269.15	215.58	109.38	120	159.77	54743.07	0.55	3.46	2.36	-118.87	-37.72	0	0	-120	-35	6.03	3.95	2.69	1.62	0.78	0.29	0.08
D	6	2074.4	-31.8	134.78	480000.21	6480824.48	269.58	215.86	109.32	120	160.26	54754.29	0.65	3.32	2.26	-118.86	-37.7	0	0	-120	-35	6.1	4.03	2.76	1.67	0.81	0.3	0.09
D	6	2074.6	-31.8	134.78	480000.12	6480837.15	269.99	216.22	109.27	120	160.72	54764.09	0.73	3.18	2.15	-118.84	-37.74	0	0	-120	-35	6.16	4.11	2.83	1.72	0.84	0.31	0.09
D	6	2074.8	-31.8	134.78	480000.03	6480849.81	270.38	216.63	109.24	120	161.14	54772.26	0.79	3.06	2.1	-118.84	-37.72	0	0	-120	-35	6.22	4.19	2.89	1.77	0.86	0.32	0.09
D	6	2075	-31.8	134.78	479999.94	6480862.47	270.75	217.11	109.2	120	161.56	54778.61	0.83	2.96	2.03	-118.85	-37.68	0	0	-120	-35	6.28	4.26	2.95	1.82	0.89	0.33	0.09
D	6	2075.2	-31.8	134.78	479999.86	6480875.12	271.1	217.57	109.08	120	162.02	54782.89	0.85	2.87	1.97	-118.87	-37.64	0	0	-120	-35	6.35	4.32	3	1.85	0.9	0.34	0.1
D	6	2075.4	-31.8	134.78	479999.78	6480887.78	271.43	217.99	108.86	120	162.57	54784.88	0.84	2.77	1.98	-118.87	-37.56	0	0	-120	-35	6.42	4.38	3.04	1.87	0.91	0.35	0.1
D	6	2075.6	-31.8	134.78	479999.71	6480900.42	271.73	218.36	108.52	120	163.21	54784.5	0.79	2.64	2.01	-118.9	-37.43	0	0	-120	-35	6.49	4.41	3.06	1.88	0.91	0.35	0.1
D	6	2075.8	-31.8	134.78	479999.65	6480913.07	271.99	218.68	108.03	120	163.97	54781.8	0.71	2.5	2.02	-118.97	-37.25	0	0	-120	-35	6.56	4.43	3.06	1.86	0.9	0.34	0.1
D	6	2076	-31.8	134.78	479999.61	6480925.7	272.23	218.96	107.4	120	164.83	54777	0.6	2.39	1.98	-119.04	-37.03	0	0	-120	-35	6.62	4.43	3.04	1.84	0.88	0.33	0.1

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2083.8	-31.8	134.78	480000.52	6481415.36	281.04	227.71	107.03	120	174.01	54753.55	-0.48	2.31	0.97	-119.58	-36.48	0	0	-120	-35	7.06	3.84	2.34	1.26	0.56	0.2	0.05
D	6	2084	-31.8	134.78	480000.53	6481427.87	281.11	227.87	107.35	120	173.76	54745.5	-0.6	2.3	1.05	-119.62	-36.29	0	0	-120	-35	6.83	3.66	2.21	1.18	0.52	0.19	0.05
D	6	2084.2	-31.8	134.78	480000.55	6481440.39	281.19	228.01	107.48	120	173.71	54739.24	-0.68	2.3	1.15	-119.65	-36.11	0	0	-120	-35	6.61	3.51	2.11	1.12	0.5	0.18	0.05
D	6	2084.4	-31.8	134.78	480000.58	6481452.91	281.28	228.15	107.51	120	173.76	54734.96	-0.74	2.26	1.22	-119.69	-35.98	0	0	-120	-35	6.41	3.39	2.02	1.07	0.48	0.18	0.05
D	6	2084.6	-31.8	134.78	480000.61	6481465.43	281.35	228.27	107.54	120	173.81	54732.75	-0.77	2.21	1.26	-119.74	-35.88	0	0	-120	-35	6.24	3.3	1.96	1.04	0.46	0.17	0.05
D	6	2084.8	-31.8	134.78	480000.64	6481477.95	281.42	228.34	107.64	120	173.78	54732.6	-0.77	2.17	1.22	-119.77	-35.76	0	0	-120	-35	6.09	3.24	1.92	1.03	0.45	0.17	0.05
D	6	2085	-31.8	134.78	480000.67	6481490.48	281.47	228.35	107.86	120	173.61	54734.33	-0.74	2.12	1.13	-119.79	-35.68	0	0	-120	-35	5.97	3.21	1.91	1.03	0.45	0.17	0.05
D	6	2085.2	-31.8	134.78	480000.7	6481503.01	281.5	228.3	108.25	120	173.25	54737.73	-0.69	2.09	0.9	-119.84	-35.64	0	0	-120	-35	5.87	3.2	1.92	1.04	0.46	0.18	0.06
D	6	2085.4	-31.8	134.78	480000.73	6481515.54	281.51	228.18	108.78	120	172.73	54742.63	-0.62	2.08	0.38	-119.89	-35.55	0	0	-120	-35	5.79	3.2	1.93	1.06	0.47	0.18	0.06
D	6	2085.6	-31.8	134.78	480000.76	6481528.08	281.5	228.03	109.43	120	172.07	54748.88	-0.54	2.07	-0.31	-119.93	-35.45	0	0	-120	-35	5.7	3.21	1.96	1.08	0.48	0.18	0.06
D	6	2085.8	-31.8	134.78	480000.77	6481540.62	281.47	227.91	110.19	120	171.29	54756.26	-0.44	2.09	-0.95	-120.03	-35.36	0	0	-120	-35	5.62	3.22	1.99	1.11	0.5	0.19	0.06
D	6	2086	-31.8	134.78	480000.75	6481553.16	281.42	227.86	111.01	120	170.41	54764.52	-0.33	2.13	-1.58	-120.1	-35.24	0	0	-120	-35	5.53	3.22	2.02	1.14	0.51	0.19	0.06
D	6	2086.2	-31.8	134.78	480000.72	6481565.71	281.35	227.91	111.88	120	169.46	54773.38	-0.22	2.19	-2.12	-120.2	-35.1	0	0	-120	-35	5.44	3.22	2.04	1.16	0.52	0.2	0.06
D	6	2086.4	-31.8	134.78	480000.66	6481578.26	281.25	228	112.84	120	168.41	54782.55	-0.11	2.26	-2.41	-120.3	-34.99	0	0	-120	-35	5.35	3.21	2.05	1.17	0.53	0.2	0.06
D	6	2086.6	-31.8	134.78	480000.58	6481590.82	281.15	228.1	113.85	120	167.3	54791.73	0	2.33	-2.52	-120.39	-34.9	0	0	-120	-35	5.27	3.2	2.07	1.19	0.54	0.2	0.07
D	6	2086.8	-31.8	134.78	480000.49	6481603.38	281.04	228.17	114.87	120	166.18	54800.61	0.1	2.4	-2.48	-120.45	-34.78	0	0	-120	-35	5.19	3.18	2.07	1.2	0.55	0.21	0.07
D	6	2087	-31.8	134.78	480000.38	6481615.95	280.94	228.22	115.9	120	165.04	54808.89	0.19	2.44	-2.3	-120.49	-34.73	0	0	-120	-35	5.12	3.16	2.08	1.21	0.56	0.21	0.07
D	6	2087.2	-31.8	134.78	480000.27	6481628.52	280.85	228.3	116.9	120	163.95	54816.3	0.26	2.47	-2.02	-120.54	-34.72	0	0	-120	-35	5.05	3.15	2.08	1.22	0.57	0.22	0.07
D	6	2087.4	-31.8	134.78	480000.15	6481641.1	280.77	228.42	117.84	120	162.93	54822.58	0.31	2.46	-1.73	-120.56	-34.72	0	0	-120	-35	4.99	3.13	2.08	1.23	0.58	0.22	0.08
D	6	2087.6	-31.8	134.78	480000.02	6481653.68	280.7	228.48	118.74	120	161.96	54827.56	0.33	2.44	-1.4	-120.57	-34.74	0	0	-120	-35	4.94	3.11	2.08	1.24	0.59	0.23	0.08
D	6	2087.8	-31.8	134.78	479999.89	6481666.26	280.66	228.43	119.56	120	161.1	54831.2	0.34	2.45	-1.14	-120.6	-34.84	0	0	-120	-35	4.88	3.09	2.07	1.24	0.6	0.24	0.09
D	6	2088	-31.8	134.78	479999.77	6481678.85	280.64	228.26	120.31	120	160.33	54833.66	0.32	2.46	-1.06	-120.58	-34.94	0	0	-120	-35	4.82	3.07	2.07	1.25	0.61	0.25	0.09
D	6	2088.2	-31.8	134.78	479999.66	6481691.44	280.65	228.01	121	120	159.65	54835.25	0.3	2.47	-1.05	-120.57	-35.06	0	0	-120	-35	4.76	3.05	2.06	1.26	0.63	0.27	0.1
D	6	2088.4	-31.8	134.78	479999.55	6481704.04	280.69	227.78	121.63	120	159.07	54836.26	0.26	2.45	-1.01	-120.55	-35.25	0	0	-120	-35	4.7	3.03	2.06	1.27	0.64	0.28	0.11
D	6	2088.6	-31.79	134.78	479999.44	6481716.63	280.74	227.67	122.22	120	158.53	54836.95	0.23	2.37	-0.97	-120.47	-35.44	0	0	-120	-35	4.63	3.01	2.07	1.28	0.66	0.29	0.12
D	6	2088.8	-31.79	134.78	479999.33	6481729.24	280.79	227.68	122.78	120	158.01	54837.6	0.2	2.27	-0.96	-120.37	-35.6	0	0	-120	-35	4.56	3	2.07	1.3	0.68	0.31	0.13
D	6	2089	-31.79	134.78	479999.21	6481741.84	280.8	227.76	123.34	120	157.46	54838.46	0.17	2.17	-0.99	-120.27	-35.74	0	0	-120	-35	4.5	2.99	2.09	1.32	0.7	0.32	0.14
D	6	2089.2	-31.79	134.78	479999.08	6481754.45	280.79	227.86	123.89	120	156.9	54839.73	0.16	2.03	-1.08	-120.15	-35.9	0	0	-120	-35	4.45	3	2.11	1.35	0.73	0.34	0.14
D	6	2089.4	-31.79	134.78	479998.94	6481767.07	280.75	227.9	124.43	120	156.32	54841.49	0.17	1.9	-1.12	-120.04	-36.01	0	0	-120	-35	4.41	3.01	2.14	1.38	0.76	0.36	0.15
D	6	2089.6	-31.79	134.78	479998.8	6481779.69	280.68	227.84	124.99	120	155.69	54843.65	0.19	1.8	-1.03	-119.95	-36.1	0	0	-120	-35	4.38	3.02	2.18	1.42	0.79	0.38	0.16
D	6	2089.8	-31.79	134.78	479998.65	6481792.31	280.59	227.67	125.57	120	155.02	54846.08	0.22	1.69	-0.83	-119.86	-36.13	0	0	-120	-35	4.35	3.02	2.2	1.45	0.81	0.39	0.17
D	6	2090	-31.79	134.78	479998.49	6481804.95	280.48	227.43	126.23	120	154.26	54848.59	0.26	1.54	-0.51	-119.79	-36.09	0	0	-120	-35	4.31	3.02	2.22	1.47	0.84	0.41	0.17
D	6	2090.2	-31.79	134.78	479998.32	6481817.59	280.35	227.16	126.95	120	153.4	54850.98	0.3	1.39	-0.25	-119.77	-36.07	0	0	-120	-35	4.27	3.01	2.23	1.49	0.86	0.42	0.18
D	6	2090.4	-31.79	134.78	479998.15	6481830.23	280.19	226.95	127.69	120	152.5	54853.03	0.34	1.29	-0.08	-119.74	-35.99	0	0	-120	-35	4.22	3	2.23	1.5	0.87	0.43	0.18
D	6	2090.6	-31.79	134.78	479997.98	6481842.89	280.02	226.82	128.43	120	151.59	54854.51	0.37	1.26	0.04	-119.74	-35.9	0	0	-120	-35	4.17	2.97	2.21	1.5	0.87	0.44	0.19
D	6	2090.8	-31.79	134.78	479997.8	6481855.55	279.84	226.8	129.07	120	150.77	54855.29	0.4	1.3	0.08	-119.76	-35.79	0	0	-120	-35	4.12	2.93	2.19	1.49	0.88	0.44	0.19
D	6	2091	-31.79	134.78	479997.62	6481868.22	279.67	226.87	129.58	120	150.09	54855.28	0.41	1.38	0.12	-119.76	-35.65	0	0	-120	-35	4.07	2.9	2.16	1.48	0.87	0.44	0.19
D	6	2091.2	-31.79	134.78	479997.45	6481880.9	279.51	226.94	129.94	120	149.57	54854.37	0.41	1.47	0.28	-119.8	-35.52	0	0	-120	-35	4.03	2.86	2.13	1.46	0.86	0.44	0.19
D	6	2091.4	-31.79	134.78	479997.27	6481893.58	279.36	226.98	130.16	120	149.2	54852.45	0.4	1.45	0.51	-119.85	-35.42	0	0	-120	-35	4	2.82	2.1	1.44	0.85	0.44	0.19
D	6	2091.6	-31.79	134.78	479997.11	6481906.28	279.2	226.96	130.27	120	148.93	54849.48	0.38	1.3	0.78	-119.89	-35.29	0	0	-120	-35	3.97	2.78	2.07	1.42	0.84	0.43	0.19
D	6	2091.8	-31.79	134.78	479996.95	6481918.99	279.03	226.84	130.31	120	148.72	54845.47	0.34	1.11	1.01	-119.94	-35.15	0	0	-120	-35	3.95	2.75	2.05	1.39	0.82	0.43	0.19
D	6	2092	-31.79	134.78	479996.82	6481931.7	278.82	226.68	130.32	120	148.51	54840.55	0.29	0.92	1.15	-120.02	-35.04	0	0	-120	-35	3.93	2.72	2.02	1.37	0.81	0.42	0.19
D	6	2092.2	-31.79	134.78	479996.71	6481944.43	278.58	226.48	130.31	120	148.27	54834.84	0.22	0.76	1.24	-120.09	-34.94	0	0	-120	-35	3.91	2.69	2	1.35	0.79	0.41	0.19
D	6	2092.4	-31.79	134.78	479996.61	6481957.16	278.3	226.22	130.26	120	148.04	54828.52	0.15	0.63	1.26	-120.13	-34.81	0	0	-120	-35	3.89	2.67	1.99	1.33	0.78	0.41	0.2
D																												

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2100.2	-31.79	134.78	480002.55	6482461.89	267.11	213.59	124.61	120	142.49	55058.29	0.59	1.21	-1.18	-120.59	-34.29	0	0	-120	-35	4.24	3.58	3.16	2.72	2.2	1.66	1.14
D	6	2100.4	-31.79	134.78	480002.83	6482474.98	266.93	213.56	124.66	120	142.26	55081.36	0.76	1.15	-1.12	-120.56	-34.03	0	0	-120	-35	4.24	3.62	3.22	2.82	2.32	1.78	1.25
D	6	2100.6	-31.79	134.78	480003.11	6482488.07	266.77	213.48	124.5	120	142.26	55104.2	0.93	1.12	-1.01	-120.55	-34.36	0	0	-120	-35	4.27	3.67	3.3	2.92	2.44	1.91	1.37
D	6	2100.8	-31.79	134.78	480003.38	6482501.16	266.62	213.36	124.19	120	142.43	55126.49	1.1	1.11	-0.78	-120.55	-34.37	0	0	-120	-35	4.32	3.73	3.38	3.02	2.56	2.04	1.49
D	6	2101	-31.79	134.78	480003.66	6482514.25	266.48	213.17	123.76	120	142.72	55147.88	1.27	1.06	-0.44	-120.54	-34.34	0	0	-120	-35	4.38	3.79	3.46	3.12	2.68	2.16	1.61
D	6	2101.2	-31.79	134.78	480003.95	6482527.34	266.36	212.91	123.24	120	143.11	55168.07	1.43	0.99	-0.06	-120.53	-34.32	0	0	-120	-35	4.43	3.84	3.53	3.21	2.78	2.28	1.72
D	6	2101.4	-31.79	134.78	480004.24	6482540.44	266.24	212.6	122.69	120	143.55	55186.78	1.58	0.94	0.21	-120.54	-34.28	0	0	-120	-35	4.48	3.89	3.59	3.28	2.88	2.39	1.83
D	6	2101.6	-31.79	134.78	480004.54	6482553.54	266.14	212.29	122.13	120	144	55203.79	1.71	0.99	0.37	-120.57	-34.23	0	0	-120	-35	4.5	3.92	3.63	3.34	2.95	2.48	1.93
D	6	2101.8	-31.79	134.78	480004.83	6482566.64	266.03	212.03	121.58	120	144.45	55218.86	1.83	1.14	0.46	-120.6	-34.17	0	0	-120	-35	4.5	3.93	3.65	3.37	3.01	2.55	2.01
D	6	2102	-31.79	134.78	480005.12	6482579.74	265.92	211.87	121.02	120	144.91	55231.72	1.93	1.34	0.45	-120.63	-34.07	0	0	-120	-35	4.48	3.92	3.65	3.38	3.04	2.6	2.07
D	6	2102.2	-31.79	134.78	480005.4	6482592.84	265.81	211.86	120.42	120	145.38	55242.07	2.01	1.55	0.33	-120.67	-33.99	0	0	-120	-35	4.43	3.89	3.62	3.37	3.05	2.63	2.12
D	6	2102.4	-31.79	134.78	480005.67	6482605.95	265.68	211.98	119.84	120	145.85	55249.7	2.07	1.73	0.09	-120.7	-33.89	0	0	-120	-35	4.38	3.85	3.59	3.36	3.05	2.65	2.15
D	6	2102.6	-31.79	134.78	480005.94	6482619.05	265.57	212.19	119.39	120	146.18	55254.54	2.1	1.86	-0.21	-120.75	-33.81	0	0	-120	-35	4.33	3.81	3.56	3.34	3.04	2.66	2.19
D	6	2102.8	-31.79	134.78	480006.21	6482632.16	265.47	212.45	119.19	120	146.28	55256.64	2.1	1.94	-0.5	-120.78	-33.76	0	0	-120	-35	4.29	3.78	3.54	3.32	3.04	2.68	2.22
D	6	2103	-31.79	134.78	480006.5	6482645.27	265.4	212.67	119.35	120	146.05	55256.01	2.08	2	-0.51	-120.8	-33.7	0	0	-120	-35	4.28	3.76	3.53	3.32	3.05	2.7	2.25
D	6	2103.2	-31.79	134.78	480006.8	6482658.39	265.37	212.77	119.87	120	145.51	55252.64	2.03	2.04	-0.24	-120.79	-33.73	0	0	-120	-35	4.28	3.76	3.53	3.33	3.06	2.72	2.29
D	6	2103.4	-31.79	134.78	480007.11	6482671.5	265.37	212.76	120.63	120	144.75	55246.58	1.95	1.97	0.08	-120.8	-33.79	0	0	-120	-35	4.31	3.78	3.55	3.35	3.09	2.75	2.33
D	6	2103.6	-31.79	134.78	480007.43	6482684.62	265.39	212.65	121.54	120	143.85	55237.94	1.86	1.85	0.36	-120.75	-33.91	0	0	-120	-35	4.33	3.8	3.57	3.37	3.11	2.78	2.37
D	6	2103.8	-31.79	134.78	480007.76	6482697.74	265.42	212.47	122.52	120	142.9	55226.95	1.74	1.73	0.54	-120.72	-34.05	0	0	-120	-35	4.36	3.82	3.59	3.39	3.13	2.81	2.4
D	6	2104	-31.79	134.78	480008.11	6482710.86	265.45	212.34	123.5	120	141.95	55213.97	1.6	1.6	0.55	-120.67	-34.21	0	0	-120	-35	4.39	3.83	3.61	3.41	3.15	2.84	2.43
D	6	2104.2	-31.79	134.78	480008.48	6482723.98	265.48	212.24	124.41	120	141.07	55199.33	1.45	1.49	0.51	-120.59	-34.34	0	0	-120	-35	4.41	3.85	3.63	3.42	3.17	2.85	2.46
D	6	2104.4	-31.79	134.78	480008.86	6482737.1	265.51	212.16	125.1	120	140.41	55183.37	1.29	1.45	0.52	-120.52	-34.47	0	0	-120	-35	4.41	3.84	3.62	3.42	3.17	2.86	2.47
D	6	2104.6	-31.79	134.78	480009.25	6482750.23	265.53	212.1	125.41	120	140.12	55166.37	1.13	1.44	0.6	-120.47	-34.58	0	0	-120	-35	4.39	3.83	3.6	3.4	3.15	2.85	2.46
D	6	2104.8	-31.79	134.78	480009.65	6482763.35	265.56	212	125.24	120	140.31	55148.67	0.96	1.44	0.7	-120.42	-34.64	0	0	-120	-35	4.37	3.8	3.58	3.38	3.13	2.83	2.45
D	6	2105	-31.79	134.78	480010.04	6482776.48	265.57	211.95	124.58	120	140.99	55130.64	0.8	1.44	0.76	-120.35	-34.62	0	0	-120	-35	4.33	3.77	3.54	3.34	3.1	2.81	2.43
D	6	2105.2	-31.79	134.78	480010.42	6482789.62	265.59	211.98	123.54	120	142.05	55112.6	0.64	1.39	0.75	-120.32	-34.61	0	0	-120	-35	4.28	3.73	3.5	3.31	3.07	2.78	2.41
D	6	2105.4	-31.79	134.78	480010.8	6482802.76	265.59	212.05	122.28	120	143.31	55094.83	0.5	1.31	0.6	-120.27	-34.53	0	0	-120	-35	4.24	3.7	3.47	3.27	3.04	2.75	2.39
D	6	2105.6	-31.79	134.78	480011.17	6482815.91	265.59	212.11	120.97	120	144.62	55077.58	0.37	1.22	0.23	-120.26	-34.41	0	0	-120	-35	4.21	3.67	3.44	3.25	3.01	2.73	2.37
D	6	2105.8	-31.78	134.78	480011.51	6482829.06	265.57	212.09	119.74	120	145.83	55061.06	0.25	1.18	-0.34	-120.27	-34.27	0	0	-120	-35	4.19	3.65	3.42	3.23	2.99	2.71	2.36
D	6	2106	-31.78	134.78	480011.84	6482842.21	265.53	211.99	118.72	120	146.81	55045.47	0.15	1.26	-0.95	-120.28	-34.12	0	0	-120	-35	4.19	3.64	3.41	3.22	2.98	2.7	2.34
D	6	2106.2	-31.78	134.78	480012.14	6482855.36	265.47	211.86	117.96	120	147.5	55030.9	0.06	1.46	-1.4	-120.35	-33.97	0	0	-120	-35	4.2	3.64	3.4	3.21	2.98	2.69	2.34
D	6	2106.4	-31.78	134.78	480012.42	6482868.52	265.39	211.75	117.48	120	147.9	55017.33	-0.01	1.69	-1.68	-120.42	-33.82	0	0	-120	-35	4.21	3.65	3.41	3.22	2.98	2.69	2.34
D	6	2106.6	-31.78	134.78	480012.68	6482881.67	265.29	211.66	117.19	120	148.1	55004.65	-0.06	1.85	-1.84	-120.51	-33.65	0	0	-120	-35	4.23	3.66	3.41	3.22	2.98	2.69	2.33
D	6	2106.8	-31.78	134.78	480012.92	6482894.84	265.2	211.58	116.91	120	148.29	54992.82	-0.11	1.91	-1.93	-120.62	-33.56	0	0	-120	-35	4.25	3.67	3.41	3.22	2.98	2.69	2.33
D	6	2107	-31.78	134.78	480013.14	6482908	265.11	211.49	116.4	120	148.7	54981.89	-0.15	1.88	-1.99	-120.73	-33.42	0	0	-120	-35	4.28	3.67	3.42	3.23	2.98	2.69	2.33
D	6	2107.2	-31.78	134.78	480013.34	6482921.17	265.02	211.42	115.53	120	149.5	54971.94	-0.19	1.8	-1.93	-120.82	-33.34	0	0	-120	-35	4.3	3.69	3.42	3.23	2.99	2.69	2.32
D	6	2107.4	-31.78	134.78	480013.53	6482934.34	264.95	211.38	114.27	120	150.68	54962.96	-0.22	1.72	-1.68	-120.89	-33.28	0	0	-120	-35	4.34	3.7	3.44	3.25	3	2.7	2.33
D	6	2107.6	-31.78	134.78	480013.71	6482947.51	264.88	211.33	112.75	120	152.13	54954.86	-0.24	1.7	-1.23	-120.96	-33.23	0	0	-120	-35	4.38	3.72	3.45	3.26	3.01	2.71	2.33
D	6	2107.8	-31.78	134.78	480013.88	6482960.68	264.81	211.32	111.21	120	153.59	54947.54	-0.25	1.72	-0.82	-120.99	-33.21	0	0	-120	-35	4.43	3.74	3.47	3.28	3.02	2.72	2.33
D	6	2108	-31.78	134.78	480014.05	6482973.85	264.72	211.32	109.83	120	154.89	54940.99	-0.26	1.73	-0.55	-121.04	-33.17	0	0	-120	-35	4.47	3.76	3.49	3.3	3.04	2.73	2.34
D	6	2108.2	-31.78	134.78	480014.22	6482987.02	264.63	211.34	108.74	120	155.9	54935.33	-0.26	1.75	-0.42	-121.07	-33.16	0	0	-120	-35	4.51	3.78	3.51	3.31	3.05	2.74	2.34
D	6	2108.4	-31.78	134.78	480014.39	6483000.18	264.54	211.35	108	120	156.54	54930.65	-0.25	1.77	-0.36	-121.09	-33.14	0	0	-120	-35	4.54	3.79	3.52	3.32	3.05	2.74	2.34
D	6	2108.6	-31.78	134.78	480014.56	6483013.35	264.45	211.29	107.66	120	156.79	54926.88	-0.24	1.82	-0.22	-121.14	-33.16	0	0	-120	-35	4.55	3.79	3.52	3.31	3.05	2.73	2.33
D	6	2108.8	-31.78	134.78	480014.73	6483026.51	264.37	211.15	107.76	120	156.61	54923.9	-0.22	1.86	-0.06	-121.17	-33.15	0	0	-120	-35	4.55	3.78	3.51</				

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2116.6	-31.78	134.78	480010.87	6483538.92	265.35	212.78	117.32	120	148.03	54820.32	-0.11	1.6	0.27	-121.07	-32.56	0	0	-120	-35	4.57	3.72	3.43	3.2	2.94	2.65	2.29
D	6	2116.8	-31.78	134.78	480010.6	6483552.11	265.28	212.57	117.16	120	148.12	54819.19	-0.11	1.67	0.18	-121.13	-32.57	0	0	-120	-35	4.57	3.72	3.43	3.21	2.95	2.66	2.3
D	6	2117	-31.78	134.78	480010.33	6483565.3	265.23	212.38	116.74	120	148.49	54818.42	-0.1	1.69	0.11	-121.15	-32.63	0	0	-120	-35	4.57	3.72	3.44	3.21	2.96	2.67	2.32
D	6	2117.2	-31.78	134.78	480010.06	6483578.49	265.2	212.23	116.3	120	148.89	54817.93	-0.08	1.71	0.05	-121.19	-32.68	0	0	-120	-35	4.57	3.73	3.45	3.22	2.97	2.68	2.33
D	6	2117.4	-31.78	134.78	480009.8	6483591.69	265.18	212.14	116.05	120	149.13	54817.68	-0.07	1.73	0.03	-121.19	-32.76	0	0	-120	-35	4.59	3.75	3.46	3.24	2.98	2.69	2.35
D	6	2117.6	-31.78	134.78	480009.55	6483604.89	265.17	212.04	116.05	120	149.12	54817.66	-0.05	1.81	0.08	-121.15	-32.84	0	0	-120	-35	4.61	3.78	3.49	3.26	3.01	2.71	2.37
D	6	2117.8	-31.78	134.78	480009.29	6483618.09	265.18	211.97	116.31	120	148.88	54817.81	-0.03	1.91	0.18	-121.12	-32.95	0	0	-120	-35	4.64	3.8	3.51	3.28	3.03	2.73	2.39
D	6	2118	-31.78	134.78	480009.03	6483631.3	265.21	211.96	116.64	120	148.56	54818.08	-0.01	2	0.28	-121.1	-33.06	0	0	-120	-35	4.66	3.82	3.53	3.3	3.04	2.75	2.41
D	6	2118.2	-31.78	134.78	480008.78	6483644.5	265.24	212.02	116.85	120	148.39	54818.41	0.01	2.08	0.34	-121.08	-33.17	0	0	-120	-35	4.67	3.83	3.54	3.31	3.05	2.75	2.42
D	6	2118.4	-31.78	134.78	480008.52	6483657.69	265.29	212.14	116.78	120	148.51	54818.77	0.03	2.15	0.36	-121.01	-33.27	0	0	-120	-35	4.67	3.83	3.54	3.3	3.05	2.75	2.42
D	6	2118.6	-31.78	134.78	480008.27	6483670.89	265.36	212.27	116.37	120	148.99	54819.13	0.05	2.18	0.42	-120.99	-33.38	0	0	-120	-35	4.65	3.82	3.53	3.3	3.04	2.75	2.42
D	6	2118.8	-31.78	134.78	480008.02	6483684.08	265.43	212.39	115.71	120	149.71	54819.48	0.07	2.24	0.49	-120.95	-33.5	0	0	-120	-35	4.63	3.8	3.52	3.29	3.03	2.74	2.41
D	6	2119	-31.78	134.78	480007.77	6483697.28	265.5	212.47	115.07	120	150.44	54819.81	0.09	2.31	0.55	-120.9	-33.63	0	0	-120	-35	4.61	3.79	3.51	3.28	3.02	2.73	2.41
D	6	2119.2	-31.78	134.78	480007.54	6483710.46	265.58	212.49	114.72	120	150.86	54820.06	0.1	2.37	0.62	-120.87	-33.75	0	0	-120	-35	4.6	3.77	3.5	3.27	3.01	2.73	2.4
D	6	2119.4	-31.78	134.78	480007.31	6483723.65	265.66	212.51	114.84	120	150.82	54820.18	0.12	2.42	0.67	-120.83	-33.86	0	0	-120	-35	4.59	3.76	3.49	3.26	3.01	2.72	2.4
D	6	2119.6	-31.78	134.78	480007.09	6483736.82	265.76	212.56	115.47	120	150.3	54820.13	0.14	2.51	0.67	-120.79	-34.02	0	0	-120	-35	4.6	3.77	3.49	3.26	3.01	2.72	2.39
D	6	2119.8	-31.78	134.78	480006.88	6483749.99	265.9	212.67	116.41	120	149.49	54819.93	0.15	2.69	0.63	-120.72	-34.16	0	0	-120	-35	4.62	3.77	3.5	3.26	3.01	2.72	2.39
D	6	2120	-31.78	134.78	480006.68	6483763.15	266.08	212.89	117.36	120	148.72	54819.62	0.16	2.9	0.6	-120.67	-34.37	0	0	-120	-35	4.65	3.78	3.5	3.27	3.01	2.72	2.39
D	6	2120.2	-31.78	134.78	480006.5	6483776.3	266.3	213.19	118.08	120	148.22	54819.15	0.17	3.11	0.65	-120.6	-34.6	0	0	-120	-35	4.68	3.79	3.51	3.27	3.01	2.72	2.39
D	6	2120.4	-31.78	134.78	480006.33	6483789.44	266.58	213.54	118.41	120	148.16	54818.47	0.18	3.32	0.82	-120.51	-34.83	0	0	-120	-35	4.7	3.79	3.51	3.27	3.01	2.72	2.39
D	6	2120.6	-31.78	134.78	480006.18	6483802.57	266.89	213.86	118.38	120	148.51	54817.52	0.19	3.46	1.09	-120.41	-35.13	0	0	-120	-35	4.7	3.79	3.5	3.26	3	2.71	2.38
D	6	2120.8	-31.78	134.78	480006.03	6483815.69	267.23	214.16	118.14	120	149.09	54816.32	0.19	3.46	1.27	-120.26	-35.46	0	0	-120	-35	4.68	3.77	3.48	3.25	2.99	2.7	2.37
D	6	2121	-31.78	134.78	480005.9	6483828.8	267.59	214.38	117.87	120	149.72	54814.85	0.19	3.35	1.35	-120.09	-35.75	0	0	-120	-35	4.65	3.74	3.46	3.22	2.97	2.68	2.35
D	6	2121.2	-31.78	134.78	480005.77	6483841.91	267.98	214.58	117.79	120	150.19	54813.12	0.19	3.19	1.29	-119.93	-36.08	0	0	-120	-35	4.61	3.7	3.44	3.2	2.94	2.65	2.33
D	6	2121.4	-31.78	134.78	480005.65	6483855	268.39	214.83	118.06	120	150.32	54811.13	0.19	3.01	1.02	-119.74	-36.32	0	0	-120	-35	4.57	3.67	3.41	3.17	2.92	2.63	2.31
D	6	2121.6	-31.78	134.78	480005.53	6483868.09	268.79	215.1	118.79	120	150	54808.96	0.18	2.85	0.55	-119.58	-36.54	0	0	-120	-35	4.52	3.64	3.39	3.15	2.9	2.61	2.29
D	6	2121.8	-31.78	134.78	480005.4	6483881.17	269.18	215.37	119.98	120	149.2	54806.68	0.18	2.71	0.1	-119.42	-36.71	0	0	-120	-35	4.48	3.61	3.36	3.12	2.87	2.59	2.26
D	6	2122	-31.78	134.78	480005.25	6483894.25	269.54	215.64	121.51	120	148.02	54804.32	0.17	2.6	-0.19	-119.3	-36.83	0	0	-120	-35	4.44	3.58	3.33	3.09	2.84	2.56	2.24
D	6	2122.2	-31.78	134.78	480005.08	6483907.31	269.85	215.9	123.2	120	146.65	54801.86	0.17	2.54	-0.31	-119.23	-36.88	0	0	-120	-35	4.39	3.54	3.3	3.06	2.81	2.53	2.22
D	6	2122.4	-31.78	134.78	480004.88	6483920.36	270.13	216.18	124.8	120	145.32	54799.25	0.16	2.49	-0.33	-119.16	-36.87	0	0	-120	-35	4.32	3.5	3.26	3.02	2.78	2.5	2.19
D	6	2122.6	-31.77	134.78	480004.67	6483933.41	270.37	216.54	126.18	120	144.19	54796.46	0.15	2.41	-0.32	-119.14	-36.83	0	0	-120	-35	4.25	3.45	3.21	2.98	2.74	2.46	2.15
D	6	2122.8	-31.77	134.78	480004.44	6483946.46	270.59	216.92	127.31	120	143.28	54793.48	0.14	2.33	-0.29	-119.16	-36.75	0	0	-120	-35	4.16	3.39	3.16	2.93	2.69	2.42	2.12
D	6	2123	-31.77	134.78	480004.21	6483959.49	270.8	217.27	128.25	120	142.54	54790.33	0.13	2.26	-0.33	-119.19	-36.65	0	0	-120	-35	4.08	3.34	3.11	2.89	2.66	2.39	2.09
D	6	2123.2	-31.77	134.78	480003.96	6483972.53	270.99	217.55	129.08	120	141.91	54787.07	0.12	2.19	-0.43	-119.22	-36.52	0	0	-120	-35	4.01	3.3	3.07	2.85	2.63	2.36	2.07
D	6	2123.4	-31.77	134.78	480003.7	6483985.56	271.17	217.74	129.84	120	141.34	54783.76	0.11	2.15	-0.6	-119.24	-36.38	0	0	-120	-35	3.95	3.27	3.04	2.83	2.6	2.34	2.05
D	6	2123.6	-31.77	134.78	480003.44	6483998.58	271.34	217.91	130.49	120	140.85	54780.44	0.1	2.13	-0.69	-119.29	-36.22	0	0	-120	-35	3.91	3.25	3.03	2.81	2.59	2.33	2.04
D	6	2123.8	-31.77	134.78	480003.17	6484011.61	271.48	218.12	131	120	140.48	54777.16	0.09	2.09	-0.59	-119.33	-36.06	0	0	-120	-35	3.89	3.25	3.02	2.81	2.59	2.33	2.04
D	6	2124	-31.77	134.78	480002.9	6484024.63	271.6	218.4	131.34	120	140.26	54773.9	0.08	2.04	-0.36	-119.42	-35.86	0	0	-120	-35	3.86	3.24	3.02	2.81	2.58	2.32	2.04
D	6	2124.2	-31.77	134.78	480002.63	6484037.64	271.7	218.74	131.53	120	140.17	54770.66	0.07	1.97	-0.01	-119.53	-35.69	0	0	-120	-35	3.84	3.24	3.01	2.8	2.58	2.32	2.03
D	6	2124.4	-31.77	134.78	480002.36	6484050.66	271.77	219.1	131.61	120	140.16	54767.33	0.06	1.91	0.42	-119.66	-35.44	0	0	-120	-35	3.82	3.23	3.01	2.8	2.58	2.32	2.03
D	6	2124.6	-31.77	134.78	480002.1	6484063.67	271.83	219.4	131.64	120	140.19	54763.88	0.05	1.84	0.79	-119.81	-35.22	0	0	-120	-35	3.77	3.21	3	2.79	2.57	2.31	2.03
D	6	2124.8	-31.77	134.78	480001.85	6484076.69	271.89	219.54	131.69	120	140.2	54760.35	0.04	1.83	1.07	-119.98	-34.98	0	0	-120	-35	3.72	3.19	2.98	2.78	2.56	2.31	2.02
D	6	2125	-31.77	134.78	480001.63	6484089.7	271.94	219.52	131.79	120	140.16	54756.84	0.03	1.84	1.21	-120.18	-34.72	0	0	-120	-35	3.65	3.16	2.96	2.76	2.54	2.29	2.02
D	6	2125.2	-31.77	134.78	480001.43	6484102.71	272	219.42	131.96	120	140.04	54753.4	0.02	1.83	1.36	-120.35	-34.52	0	0	-120	-35	3.58	3.14	2.93	2.74	2.5		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2133	-31.77	134.78	479998.43	6484613.52	262.75	209.75	121.93	120	140.82	54651.92	-0.08	0.66	-0.64	-121.71	-31.58	0	0	-120	-35	4.54	3.85	3.56	3.31	3.03	2.72	2.38
D	6	2133.2	-31.77	134.78	479998.43	6484626.76	262.42	209.65	122.4	120	140.02	54649.79	-0.08	0.7	-0.94	-121.64	-31.67	0	0	-120	-35	4.58	3.89	3.59	3.34	3.05	2.74	2.41
D	6	2133.4	-31.77	134.78	479998.43	6484640.02	262.11	209.52	122.84	120	139.26	54647.74	-0.08	0.77	-1.43	-121.59	-31.8	0	0	-120	-35	4.61	3.92	3.63	3.37	3.09	2.77	2.43
D	6	2133.6	-31.77	134.78	479998.41	6484653.28	261.8	209.23	123.24	120	138.56	54645.83	-0.08	0.84	-1.82	-121.54	-31.97	0	0	-120	-35	4.65	3.96	3.66	3.4	3.11	2.8	2.45
D	6	2133.8	-31.77	134.78	479998.38	6484666.56	261.51	208.82	123.56	120	137.95	54644.06	-0.08	0.86	-1.9	-121.45	-32.13	0	0	-120	-35	4.69	3.99	3.69	3.44	3.14	2.82	2.48
D	6	2134	-31.77	134.78	479998.34	6484679.84	261.24	208.42	123.74	120	137.49	54642.33	-0.08	0.84	-1.75	-121.38	-32.32	0	0	-120	-35	4.72	4.03	3.72	3.47	3.17	2.84	2.49
D	6	2134.2	-31.77	134.78	479998.29	6484693.13	260.98	208.05	123.76	120	137.21	54640.61	-0.08	0.82	-1.52	-121.29	-32.53	0	0	-120	-35	4.75	4.06	3.75	3.49	3.19	2.86	2.51
D	6	2134.4	-31.77	134.78	479998.23	6484706.43	260.74	207.8	123.58	120	137.16	54638.87	-0.08	0.74	-1.3	-121.22	-32.68	0	0	-120	-35	4.77	4.08	3.78	3.52	3.21	2.88	2.53
D	6	2134.6	-31.77	134.78	479998.17	6484719.73	260.51	207.61	123.18	120	137.33	54637.15	-0.08	0.67	-1.05	-121.15	-32.87	0	0	-120	-35	4.8	4.11	3.8	3.54	3.23	2.9	2.54
D	6	2134.8	-31.77	134.78	479998.1	6484733.04	260.29	207.43	122.61	120	137.67	54635.45	-0.08	0.7	-0.76	-121.09	-33	0	0	-120	-35	4.83	4.13	3.82	3.56	3.24	2.91	2.55
D	6	2135	-31.77	134.78	479998.05	6484746.36	260.07	207.26	121.97	120	138.09	54633.74	-0.08	0.72	-0.38	-121.01	-33.1	0	0	-120	-35	4.85	4.15	3.84	3.57	3.26	2.92	2.56
D	6	2135.2	-31.77	134.78	479997.99	6484759.68	259.84	207.08	121.34	120	138.5	54632.08	-0.08	0.72	-0.05	-120.99	-33.2	0	0	-120	-35	4.87	4.17	3.86	3.58	3.27	2.93	2.57
D	6	2135.4	-31.77	134.78	479997.94	6484773	259.62	206.9	120.79	120	138.83	54630.44	-0.08	0.77	0.2	-120.95	-33.27	0	0	-120	-35	4.9	4.19	3.87	3.6	3.28	2.94	2.57
D	6	2135.6	-31.77	134.78	479997.9	6484786.33	259.41	206.68	120.32	120	139.09	54628.79	-0.08	0.88	0.48	-120.93	-33.32	0	0	-120	-35	4.93	4.21	3.89	3.61	3.29	2.95	2.58
D	6	2135.8	-31.77	134.78	479997.87	6484799.67	259.23	206.42	119.92	120	139.31	54627.08	-0.08	0.98	0.69	-120.91	-33.38	0	0	-120	-35	4.96	4.23	3.91	3.62	3.3	2.96	2.59
D	6	2136	-31.77	134.78	479997.85	6484813	259.08	206.14	119.54	120	139.54	54625.35	-0.09	1.06	0.76	-120.86	-33.41	0	0	-120	-35	4.99	4.25	3.93	3.64	3.32	2.97	2.59
D	6	2136.2	-31.77	134.78	479997.84	6484826.35	258.97	205.9	119.14	120	139.83	54623.68	-0.09	1.15	0.76	-120.83	-33.47	0	0	-120	-35	5.02	4.27	3.94	3.66	3.33	2.98	2.6
D	6	2136.4	-31.77	134.78	479997.84	6484839.7	258.89	205.72	118.73	120	140.16	54622.12	-0.09	1.29	0.8	-120.83	-33.52	0	0	-120	-35	5.05	4.29	3.96	3.67	3.34	2.99	2.61
D	6	2136.6	-31.77	134.78	479997.86	6484853.05	258.85	205.59	118.34	120	140.51	54620.64	-0.09	1.44	0.88	-120.78	-33.55	0	0	-120	-35	5.09	4.31	3.98	3.69	3.36	3	2.62
D	6	2136.8	-31.77	134.78	479997.88	6484866.4	258.84	205.49	118	120	140.83	54619.22	-0.09	1.58	1	-120.77	-33.59	0	0	-120	-35	5.12	4.33	3.99	3.7	3.37	3.01	2.62
D	6	2137	-31.77	134.78	479997.92	6484879.75	258.84	205.38	117.75	120	141.1	54617.81	-0.09	1.68	1.12	-120.73	-33.62	0	0	-120	-35	5.15	4.34	4.01	3.71	3.38	3.02	2.63
D	6	2137.2	-31.77	134.78	479997.96	6484893.1	258.88	205.26	117.59	120	141.29	54616.38	-0.09	1.73	1.23	-120.68	-33.65	0	0	-120	-35	5.18	4.35	4.02	3.72	3.38	3.02	2.63
D	6	2137.4	-31.77	134.78	479998	6484906.45	258.94	205.17	117.51	120	141.43	54614.93	-0.09	1.71	1.23	-120.65	-33.66	0	0	-120	-35	5.2	4.36	4.02	3.73	3.39	3.02	2.63
D	6	2137.6	-31.77	134.78	479998.05	6484919.8	259	205.14	117.47	120	141.53	54613.54	-0.09	1.63	0.97	-120.61	-33.64	0	0	-120	-35	5.21	4.36	4.03	3.73	3.39	3.02	2.63
D	6	2137.8	-31.77	134.78	479998.08	6484933.15	259.05	205.14	117.38	120	141.67	54612.24	-0.1	1.56	0.65	-120.56	-33.62	0	0	-120	-35	5.23	4.36	4.03	3.73	3.39	3.02	2.63
D	6	2138	-31.77	134.78	479998.1	6484946.49	259.07	205.2	117.06	120	142	54611.02	-0.1	1.52	0.33	-120.51	-33.6	0	0	-120	-35	5.24	4.36	4.03	3.72	3.38	3.02	2.62
D	6	2138.2	-31.77	134.78	479998.1	6484959.83	259.05	205.32	116.38	120	142.67	54609.82	-0.1	1.51	0.08	-120.49	-33.57	0	0	-120	-35	5.25	4.36	4.03	3.72	3.38	3.01	2.62
D	6	2138.4	-31.77	134.78	479998.08	6484973.17	259	205.45	115.21	120	143.79	54608.64	-0.1	1.51	-0.11	-120.5	-33.49	0	0	-120	-35	5.26	4.35	4.02	3.71	3.37	3.01	2.61
D	6	2138.6	-31.77	134.78	479998.05	6484986.5	258.94	205.65	113.55	120	145.39	54607.51	-0.1	1.53	-0.2	-120.51	-33.42	0	0	-120	-35	5.27	4.36	4.02	3.71	3.37	3	2.61
D	6	2138.8	-31.77	134.78	479998.01	6484999.83	258.87	205.87	111.6	120	147.27	54606.49	-0.1	1.56	-0.18	-120.53	-33.34	0	0	-120	-35	5.3	4.36	4.02	3.71	3.37	3	2.61
D	6	2139	-31.77	134.78	479997.98	6485013.16	258.81	206.03	109.68	120	149.13	54605.55	-0.09	1.65	-0.07	-120.62	-33.24	0	0	-120	-35	5.33	4.38	4.03	3.71	3.37	3.01	2.62
D	6	2139.2	-31.77	134.78	479997.95	6485026.49	258.76	206.15	108.14	120	150.62	54604.65	-0.09	1.76	0.13	-120.73	-33.18	0	0	-120	-35	5.36	4.4	4.04	3.72	3.38	3.01	2.62
D	6	2139.4	-31.76	134.78	479997.93	6485039.82	258.73	206.16	107.3	120	151.43	54603.75	-0.09	1.84	0.38	-120.81	-33.09	0	0	-120	-35	5.41	4.42	4.05	3.73	3.39	3.02	2.63
D	6	2139.6	-31.76	134.78	479997.91	6485053.14	258.72	206.05	107.25	120	151.48	54602.85	-0.09	1.87	0.59	-120.92	-33.04	0	0	-120	-35	5.45	4.44	4.06	3.74	3.4	3.03	2.64
D	6	2139.8	-31.76	134.78	479997.91	6485066.46	258.74	205.89	107.88	120	150.87	54601.96	-0.09	1.94	0.78	-121.03	-32.98	0	0	-120	-35	5.5	4.46	4.08	3.76	3.41	3.04	2.64
D	6	2140	-31.76	134.78	479997.93	6485079.77	258.8	205.77	108.98	120	149.82	54601.12	-0.09	2.16	0.99	-121.09	-32.96	0	0	-120	-35	5.54	4.49	4.1	3.77	3.42	3.05	2.65
D	6	2140.2	-31.76	134.78	479997.97	6485093.07	258.89	205.69	110.28	120	148.61	54600.36	-0.08	2.52	1.19	-121.14	-32.96	0	0	-120	-35	5.59	4.52	4.11	3.78	3.43	3.05	2.66
D	6	2140.4	-31.76	134.78	479998.02	6485106.36	259.02	205.75	111.57	120	147.45	54599.65	-0.08	2.9	1.33	-121.19	-33.01	0	0	-120	-35	5.63	4.53	4.12	3.79	3.43	3.06	2.66
D	6	2140.6	-31.76	134.78	479998.1	6485119.64	259.19	205.9	112.74	120	146.45	54598.99	-0.08	3.25	1.42	-121.18	-33.06	0	0	-120	-35	5.65	4.55	4.13	3.8	3.44	3.06	2.67
D	6	2140.8	-31.76	134.78	479998.18	6485132.9	259.4	206.09	113.76	120	145.64	54598.31	-0.08	3.56	1.54	-121.16	-33.18	0	0	-120	-35	5.66	4.55	4.13	3.8	3.44	3.06	2.67
D	6	2141	-31.76	134.78	479998.28	6485146.16	259.67	206.33	114.65	120	145.02	54597.61	-0.07	3.77	1.63	-121.12	-33.32	0	0	-120	-35	5.63	4.53	4.12	3.79	3.43	3.05	2.66
D	6	2141.2	-31.76	134.78	479998.38	6485159.39	259.99	206.58	115.41	120	144.58	54596.93	-0.07	3.84	1.7	-121.06	-33.52	0	0	-120	-35	5.59	4.5	4.09	3.77	3.41	3.04	2.65
D	6	2141.4	-31.76	134.78	479998.49	6485172.62	260.36	206.87	116	120	144.36	54596.25	-0.07	3.75	1.64	-120.95	-33.76	0	0	-120	-35	5.52	4.46	4.06	3.74	3.39	3.02	2.63
D	6	2141.6	-31.76	134.78	479998.61	6485185.83	260.75	207.22	116.38	120	144.37	54595.54	-0.07	3.59	1.45	-120.82	-34.07	0	0	-120	-35	5.44	4.42	4.03	3.71	3.36		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2149.4	-31.76	134.78	480003.57	6485695.81	265.76	212.46	132.93	120	132.82	54587.36	-0.01	1.78	-0.12	-120.91	-33.45	0	0	-120	-35	4.21	3.65	3.39	3.14	2.86	2.55	2.22
D	6	2149.6	-31.76	134.78	480003.67	6485708.85	265.75	212.56	132.43	120	133.32	54587.56	0	1.68	-0.42	-120.92	-33.47	0	0	-120	-35	4.2	3.65	3.39	3.14	2.85	2.55	2.22
D	6	2149.8	-31.76	134.78	480003.77	6485721.9	265.73	212.67	131.69	120	134.04	54587.67	0	1.64	-0.79	-120.94	-33.44	0	0	-120	-35	4.2	3.64	3.39	3.13	2.85	2.55	2.22
D	6	2150	-31.76	134.78	480003.85	6485734.94	265.7	212.81	130.68	120	135.02	54587.73	0	1.65	-1.16	-120.93	-33.43	0	0	-120	-35	4.2	3.64	3.38	3.13	2.85	2.54	2.22
D	6	2150.2	-31.76	134.78	480003.94	6485747.98	265.65	212.97	129.44	120	136.21	54587.82	0.01	1.68	-1.42	-120.94	-33.44	0	0	-120	-35	4.2	3.64	3.38	3.13	2.84	2.54	2.22
D	6	2150.4	-31.76	134.78	480004.01	6485761.02	265.59	213.12	128.03	120	137.56	54587.96	0.01	1.7	-1.43	-120.94	-33.42	0	0	-120	-35	4.2	3.64	3.38	3.12	2.84	2.54	2.22
D	6	2150.6	-31.76	134.78	480004.09	6485774.06	265.52	213.21	126.52	120	139	54588.08	0.01	1.71	-1.19	-120.97	-33.42	0	0	-120	-35	4.2	3.64	3.37	3.12	2.84	2.53	2.22
D	6	2150.8	-31.76	134.78	480004.18	6485787.11	265.45	213.19	125.09	120	140.37	54588.1	0.01	1.7	-0.73	-120.99	-33.42	0	0	-120	-35	4.2	3.64	3.37	3.12	2.83	2.53	2.21
D	6	2151	-31.76	134.78	480004.27	6485800.16	265.38	213.07	123.91	120	141.47	54587.97	0.02	1.62	-0.27	-120.96	-33.42	0	0	-120	-35	4.21	3.64	3.37	3.12	2.83	2.53	2.21
D	6	2151.2	-31.76	134.78	480004.38	6485813.21	265.32	212.91	123.18	120	142.15	54587.72	0.02	1.5	-0.01	-120.98	-33.42	0	0	-120	-35	4.24	3.65	3.38	3.12	2.84	2.53	2.22
D	6	2151.4	-31.76	134.78	480004.5	6485826.27	265.27	212.76	122.99	120	142.28	54587.4	0.02	1.35	0.1	-121	-33.43	0	0	-120	-35	4.28	3.67	3.39	3.13	2.85	2.54	2.22
D	6	2151.6	-31.76	134.78	480004.63	6485839.33	265.2	212.62	123.32	120	141.88	54587.01	0.01	1.21	0.11	-120.98	-33.42	0	0	-120	-35	4.33	3.7	3.42	3.16	2.86	2.55	2.23
D	6	2151.8	-31.76	134.78	480004.77	6485852.39	265.12	212.48	124.03	120	141.09	54586.56	0.01	1.09	0	-120.99	-33.43	0	0	-120	-35	4.4	3.74	3.46	3.18	2.89	2.57	2.24
D	6	2152	-31.76	134.78	480004.92	6485865.46	265	212.3	124.93	120	140.08	54586.1	0.01	1.01	-0.17	-120.99	-33.4	0	0	-120	-35	4.47	3.78	3.5	3.22	2.91	2.59	2.26
D	6	2152.2	-31.76	134.78	480005.09	6485878.52	264.86	212.07	125.82	120	139.04	54585.62	0.01	0.99	-0.31	-120.98	-33.38	0	0	-120	-35	4.54	3.83	3.54	3.25	2.94	2.61	2.27
D	6	2152.4	-31.76	134.78	480005.26	6485891.59	264.69	211.84	126.59	120	138.1	54585.1	0.01	1.01	-0.46	-120.98	-33.31	0	0	-120	-35	4.59	3.87	3.57	3.27	2.96	2.63	2.29
D	6	2152.6	-31.76	134.78	480005.43	6485904.67	264.5	211.6	127.19	120	137.3	54584.54	0.01	1.05	-0.65	-121.01	-33.26	0	0	-120	-35	4.63	3.89	3.59	3.29	2.98	2.65	2.3
D	6	2152.8	-31.76	134.78	480005.62	6485917.74	264.29	211.37	127.58	120	136.71	54583.9	0.01	1.09	-0.8	-121.02	-33.18	0	0	-120	-35	4.64	3.91	3.6	3.31	2.99	2.65	2.3
D	6	2153	-31.76	134.78	480005.8	6485930.82	264.07	211.13	127.79	120	136.28	54583.18	0.01	1.11	-0.81	-121.03	-33.05	0	0	-120	-35	4.63	3.92	3.6	3.31	2.99	2.66	2.31
D	6	2153.2	-31.76	134.78	480005.98	6485943.91	263.84	210.85	127.83	120	136.02	54582.39	0	1.1	-0.73	-121.05	-32.96	0	0	-120	-35	4.61	3.92	3.59	3.31	2.99	2.66	2.31
D	6	2153.4	-31.76	134.78	480006.15	6485957	263.61	210.52	127.72	120	135.89	54573.53	0	1.09	-0.7	-121.08	-32.88	0	0	-120	-35	4.59	3.91	3.59	3.31	2.99	2.66	2.31
D	6	2153.6	-31.76	134.78	480006.32	6485970.1	263.38	210.15	127.52	120	135.86	54580.65	-0.01	1.08	-0.76	-121.08	-32.77	0	0	-120	-35	4.57	3.92	3.59	3.31	3	2.67	2.32
D	6	2153.8	-31.76	134.78	480006.48	6485983.2	263.15	209.78	127.23	120	135.92	54579.76	-0.01	1.08	-0.96	-121.1	-32.74	0	0	-120	-35	4.57	3.92	3.6	3.33	3.01	2.68	2.33
D	6	2154	-31.76	134.78	480006.62	6485996.31	262.93	209.48	126.89	120	136.03	54578.89	-0.02	1.1	-1.24	-121.1	-32.69	0	0	-120	-35	4.58	3.94	3.62	3.34	3.03	2.7	2.34
D	6	2154.2	-31.76	134.78	480006.74	6486009.42	262.71	209.26	126.54	120	136.17	54578.04	-0.03	1.12	-1.47	-121.12	-32.67	0	0	-120	-35	4.6	3.96	3.65	3.37	3.05	2.72	2.36
D	6	2154.4	-31.76	134.78	480006.84	6486022.54	262.51	209.1	126.2	120	136.31	54577.22	-0.03	1.11	-1.65	-121.12	-32.67	0	0	-120	-35	4.63	3.99	3.68	3.4	3.08	2.74	2.38
D	6	2154.6	-31.76	134.78	480006.93	6486035.66	262.32	209	125.9	120	136.42	54576.48	-0.04	1.11	-1.81	-121.12	-32.68	0	0	-120	-35	4.66	4.02	3.7	3.42	3.1	2.77	2.4
D	6	2154.8	-31.76	134.78	480007	6486048.79	262.13	208.89	125.65	120	136.48	54575.78	-0.04	1.13	-1.83	-121.13	-32.73	0	0	-120	-35	4.69	4.04	3.73	3.44	3.13	2.79	2.42
D	6	2155	-31.76	134.78	480007.06	6486061.92	261.94	208.75	125.46	120	136.48	54575.13	-0.05	1.15	-1.82	-121.13	-32.74	0	0	-120	-35	4.71	4.06	3.75	3.46	3.14	2.8	2.43
D	6	2155.2	-31.76	134.78	480007.11	6486075.06	261.75	208.62	125.34	120	136.41	54574.54	-0.05	1.13	-1.79	-121.14	-32.79	0	0	-120	-35	4.73	4.07	3.76	3.47	3.16	2.81	2.45
D	6	2155.4	-31.76	134.78	480007.15	6486088.2	261.57	208.45	125.31	120	136.26	54574.04	-0.05	1.11	-1.68	-121.13	-32.81	0	0	-120	-35	4.75	4.09	3.78	3.49	3.17	2.83	2.46
D	6	2155.6	-31.76	134.78	480007.18	6486101.34	261.39	208.22	125.34	120	136.04	54573.66	-0.06	1.12	-1.44	-121.15	-32.86	0	0	-120	-35	4.78	4.12	3.8	3.51	3.19	2.84	2.47
D	6	2155.8	-31.76	134.78	480007.2	6486114.49	261.21	207.95	125.44	120	135.77	54573.37	-0.06	1.16	-1.21	-121.14	-32.89	0	0	-120	-35	4.82	4.14	3.82	3.53	3.2	2.85	2.48
D	6	2156	-31.76	134.78	480007.21	6486127.63	261.03	207.67	125.57	120	135.46	54573.21	-0.06	1.23	-1.02	-121.13	-32.92	0	0	-120	-35	4.86	4.17	3.84	3.55	3.22	2.87	2.5
D	6	2156.2	-31.76	134.78	480007.21	6486140.79	260.84	207.46	125.68	120	135.16	54573.15	-0.05	1.31	-0.83	-121.12	-32.95	0	0	-120	-35	4.91	4.2	3.87	3.57	3.24	2.89	2.51
D	6	2156.4	-31.75	134.78	480007.21	6486153.94	260.65	207.36	125.75	120	134.9	54573.22	-0.05	1.42	-0.7	-121.1	-32.98	0	0	-120	-35	4.95	4.23	3.89	3.59	3.26	2.9	2.52
D	6	2156.6	-31.75	134.78	480007.19	6486167.1	260.47	207.39	125.77	120	134.71	54573.41	-0.05	1.52	-0.6	-121.11	-33.05	0	0	-120	-35	4.98	4.25	3.91	3.61	3.27	2.91	2.53
D	6	2156.8	-31.75	134.78	480007.18	6486180.26	260.33	207.48	125.7	120	134.63	54573.71	-0.04	1.6	-0.5	-121.08	-33.1	0	0	-120	-35	5	4.26	3.93	3.62	3.28	2.92	2.54
D	6	2157	-31.75	134.78	480007.17	6486193.42	260.22	207.57	125.54	120	134.68	54574.1	-0.03	1.66	-0.4	-121.09	-33.17	0	0	-120	-35	5.01	4.27	3.94	3.63	3.29	2.93	2.54
D	6	2157.2	-31.75	134.78	480007.17	6486206.59	260.17	207.6	125.29	120	134.88	54574.53	-0.03	1.69	-0.29	-121.06	-33.28	0	0	-120	-35	5.02	4.28	3.95	3.64	3.3	2.94	2.55
D	6	2157.4	-31.75	134.78	480007.17	6486219.77	260.16	207.54	124.94	120	135.22	54574.97	-0.02	1.69	-0.17	-121.02	-33.38	0	0	-120	-35	5.03	4.29	3.96	3.65	3.31	2.95	2.56
D	6	2157.6	-31.75	134.78	480007.18	6486232.95	260.17	207.4	124.47	120	135.7	54575.45	-0.01	1.66	-0.08	-120.99	-33.53	0	0	-120	-35	5.05	4.31	3.98	3.66	3.33	2.96	2.57
D	6	2157.8	-31.75	134.78	480007.2	6486246.13	260.19	207.25	123.84	120	136.34	54575.97	-0.01	1.58	-0.09	-120.94	-33.66	0	0	-120	-35	5.09	4.33	4	3.68	3.35	2.98	2.59
D	6	2158	-31.75	134.78	480007.21	6486259.31	260.18	207.12	122.98	120	137.19	54576.5	0	1.46	-0.12	-120.87	-33.79	0	0	-120	-35	5.14	4.36	4.03	3.71	3.37	3	2.61
D																												

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2165.8	-31.75	134.78	480012.19	6486773.21	261.46	208.07	115.64	120	145.83	54576.7	0.12	3.44	-0.02	-120.41	-34.85	0	0	-120	-35	5.77	4.57	4.1	3.74	3.36	2.98	2.59
D	6	2166	-31.75	134.78	480012.51	6486786.27	261.65	208.37	115.93	120	145.73	54576.01	0.12	3.23	-0.52	-120.34	-34.97	0	0	-120	-35	5.69	4.52	4.06	3.7	3.33	2.96	2.57
D	6	2166.2	-31.75	134.78	480012.82	6486799.33	261.84	208.7	116.14	120	145.7	54575.27	0.12	3	-0.95	-120.28	-35.1	0	0	-120	-35	5.62	4.48	4.02	3.67	3.31	2.94	2.56
D	6	2166.4	-31.75	134.78	480013.13	6486812.37	262.01	209.06	116.27	120	145.74	54574.43	0.12	2.75	-1.24	-120.24	-35.22	0	0	-120	-35	5.56	4.44	4	3.65	3.29	2.92	2.55
D	6	2166.6	-31.75	134.78	480013.43	6486825.42	262.16	209.42	116.29	120	145.87	54573.41	0.12	2.51	-1.45	-120.17	-35.32	0	0	-120	-35	5.53	4.43	3.99	3.65	3.29	2.92	2.54
D	6	2166.8	-31.75	134.78	480013.73	6486838.46	262.28	209.71	116.21	120	146.07	54572.21	0.12	2.31	-1.69	-120.11	-35.45	0	0	-120	-35	5.53	4.42	3.99	3.65	3.29	2.93	2.55
D	6	2167	-31.75	134.78	480014.02	6486851.49	262.38	209.91	115.98	120	146.39	54570.89	0.12	2.17	-2.06	-120.05	-35.54	0	0	-120	-35	5.55	4.43	4.01	3.66	3.31	2.94	2.56
D	6	2167.2	-31.75	134.78	480014.31	6486864.53	262.43	210.02	115.58	120	146.85	54569.53	0.12	2.1	-2.38	-120	-35.62	0	0	-120	-35	5.57	4.45	4.03	3.68	3.32	2.95	2.56
D	6	2167.4	-31.75	134.78	480014.59	6486877.57	262.45	210.09	115.02	120	147.44	54568.1	0.11	2.06	-2.5	-119.96	-35.68	0	0	-120	-35	5.59	4.46	4.05	3.7	3.33	2.96	2.57
D	6	2167.6	-31.75	134.78	480014.86	6486890.62	262.46	210.15	114.36	120	148.1	54566.55	0.11	2.02	-2.5	-119.97	-35.71	0	0	-120	-35	5.59	4.47	4.06	3.71	3.34	2.97	2.58
D	6	2167.8	-31.75	134.78	480015.14	6486903.66	262.46	210.2	113.75	120	148.71	54564.88	0.11	1.97	-2.49	-119.95	-35.71	0	0	-120	-35	5.57	4.47	4.05	3.71	3.34	2.97	2.58
D	6	2168	-31.75	134.78	480015.42	6486916.71	262.47	210.24	113.34	120	149.13	54563.13	0.11	1.91	-2.4	-119.94	-35.66	0	0	-120	-35	5.54	4.45	4.04	3.7	3.34	2.97	2.58
D	6	2168.2	-31.75	134.78	480015.7	6486929.76	262.5	210.25	113.29	120	149.21	54561.35	0.1	1.86	-2.15	-119.96	-35.63	0	0	-120	-35	5.49	4.44	4.02	3.68	3.32	2.96	2.58
D	6	2168.4	-31.75	134.78	480015.97	6486942.81	262.54	210.21	113.63	120	148.91	54559.54	0.1	1.78	-1.76	-119.98	-35.56	0	0	-120	-35	5.44	4.41	4	3.66	3.31	2.95	2.57
D	6	2168.6	-31.75	134.78	480016.25	6486955.87	262.59	210.16	114.31	120	148.28	54557.62	0.09	1.69	-1.27	-119.98	-35.51	0	0	-120	-35	5.4	4.4	3.98	3.65	3.29	2.94	2.56
D	6	2168.8	-31.75	134.78	480016.52	6486968.93	262.65	210.06	115.22	120	147.43	54555.53	0.09	1.66	-0.81	-120	-35.44	0	0	-120	-35	5.38	4.38	3.96	3.63	3.28	2.93	2.56
D	6	2169	-31.75	134.78	480016.79	6486981.99	262.71	209.92	116.18	120	146.54	54553.24	0.08	1.69	-0.51	-120.02	-35.38	0	0	-120	-35	5.36	4.37	3.95	3.62	3.27	2.92	2.55
D	6	2169.2	-31.75	134.78	480017.05	6486995.05	262.79	209.79	117.07	120	145.72	54550.85	0.08	1.74	-0.54	-120.02	-35.3	0	0	-120	-35	5.36	4.37	3.94	3.62	3.27	2.92	2.55
D	6	2169.4	-31.75	134.78	480017.31	6487008.12	262.87	209.65	117.84	120	145.03	54548.47	0.07	1.78	-0.72	-120.05	-35.19	0	0	-120	-35	5.35	4.36	3.94	3.61	3.26	2.91	2.54
D	6	2169.6	-31.75	134.78	480017.55	6487021.19	262.95	209.52	118.45	120	144.5	54546.13	0.06	1.82	-0.87	-120.1	-35.02	0	0	-120	-35	5.33	4.35	3.93	3.61	3.26	2.91	2.54
D	6	2169.8	-31.75	134.78	480017.77	6487034.25	263	209.4	118.9	120	144.09	54543.78	0.05	1.84	-0.92	-120.17	-34.79	0	0	-120	-35	5.3	4.33	3.92	3.59	3.25	2.9	2.53
D	6	2170	-31.75	134.78	480017.97	6487047.32	263.01	209.24	119.25	120	143.76	54541.38	0.05	1.91	-0.89	-120.27	-34.53	0	0	-120	-35	5.25	4.3	3.9	3.58	3.24	2.89	2.53
D	6	2170.2	-31.75	134.78	480018.13	6487060.38	262.98	209.09	119.5	120	143.48	54538.93	0.04	2.02	-0.82	-120.41	-34.23	0	0	-120	-35	5.19	4.27	3.89	3.56	3.23	2.88	2.52
D	6	2170.4	-31.75	134.78	480018.27	6487073.44	262.92	209.03	119.72	120	143.2	54536.44	0.04	2.16	-0.86	-120.55	-33.94	0	0	-120	-35	5.13	4.24	3.87	3.55	3.21	2.87	2.52
D	6	2170.6	-31.75	134.78	480018.39	6487086.5	262.84	209.11	119.94	120	142.9	54533.91	0.03	2.3	-0.95	-120.7	-33.62	0	0	-120	-35	5.09	4.22	3.85	3.53	3.2	2.87	2.51
D	6	2170.8	-31.75	134.78	480018.5	6487099.56	262.75	209.32	120.18	120	142.58	54531.29	0.03	2.43	-0.92	-120.85	-33.41	0	0	-120	-35	5.06	4.21	3.85	3.53	3.2	2.86	2.51
D	6	2171	-31.75	134.78	480018.59	6487112.61	262.69	209.6	120.46	120	142.23	54528.58	0.02	2.56	-0.8	-120.97	-33.22	0	0	-120	-35	5.05	4.21	3.85	3.54	3.21	2.87	2.52
D	6	2171.2	-31.75	134.78	480018.69	6487125.66	262.65	209.86	120.81	120	141.84	54525.84	0.01	2.7	-0.58	-121.1	-33.17	0	0	-120	-35	5.06	4.23	3.87	3.55	3.22	2.88	2.53
D	6	2171.4	-31.75	134.78	480018.78	6487138.71	262.63	210	121.2	120	141.43	54523.17	0.01	2.84	-0.12	-121.23	-33.18	0	0	-120	-35	5.08	4.25	3.89	3.57	3.24	2.9	2.54
D	6	2171.6	-31.75	134.78	480018.87	6487151.76	262.64	210.06	121.65	120	140.99	54520.49	0	2.92	0.55	-121.32	-33.27	0	0	-120	-35	5.11	4.28	3.92	3.6	3.26	2.92	2.55
D	6	2171.8	-31.75	134.78	480018.97	6487164.81	262.68	210.09	122.14	120	140.54	54517.71	-0.01	2.95	1.24	-121.43	-33.49	0	0	-120	-35	5.14	4.3	3.94	3.62	3.29	2.94	2.57
D	6	2172	-31.75	134.78	480019.09	6487177.85	262.76	210.1	122.68	120	140.07	54514.81	-0.01	2.97	1.71	-121.53	-33.72	0	0	-120	-35	5.16	4.32	3.97	3.64	3.3	2.95	2.58
D	6	2172.2	-31.75	134.78	480019.22	6487190.88	262.87	210.17	123.28	120	139.59	54511.89	-0.02	2.99	1.87	-121.61	-34.02	0	0	-120	-35	5.17	4.34	3.98	3.66	3.32	2.97	2.59
D	6	2172.4	-31.75	134.78	480019.37	6487203.92	263.02	210.21	123.93	120	139.09	54509.05	-0.03	3.03	1.82	-121.63	-34.33	0	0	-120	-35	5.17	4.34	3.99	3.67	3.33	2.98	2.6
D	6	2172.6	-31.75	134.78	480019.54	6487216.94	263.2	210.17	124.63	120	138.57	54506.29	-0.04	3.08	1.77	-121.63	-34.69	0	0	-120	-35	5.16	4.34	4	3.68	3.34	2.98	2.61
D	6	2172.8	-31.75	134.78	480019.71	6487229.97	263.41	210.08	125.36	120	138.05	54503.54	-0.05	3.11	1.72	-121.57	-35.01	0	0	-120	-35	5.14	4.34	3.99	3.68	3.34	2.99	2.6
D	6	2173	-31.75	134.78	480019.88	6487242.98	263.63	209.96	126.1	120	137.53	54500.74	-0.06	3.11	1.56	-121.42	-35.35	0	0	-120	-35	5.1	4.32	3.98	3.67	3.34	2.98	2.6
D	6	2173.2	-31.74	134.78	480020.06	6487255.99	263.87	209.92	126.82	120	137.05	54497.94	-0.07	3.08	1.24	-121.2	-35.65	0	0	-120	-35	5.07	4.3	3.96	3.66	3.33	2.97	2.59
D	6	2173.4	-31.74	134.78	480020.23	6487268.98	264.12	210	127.49	120	136.64	54495.23	-0.08	3.03	0.71	-120.95	-35.95	0	0	-120	-35	5.03	4.28	3.95	3.64	3.32	2.96	2.58
D	6	2173.6	-31.74	134.78	480020.4	6487281.98	264.37	210.17	128.04	120	136.33	54492.68	-0.09	2.97	0.12	-120.65	-36.25	0	0	-120	-35	5	4.26	3.93	3.63	3.31	2.96	2.57
D	6	2173.8	-31.74	134.78	480020.55	6487294.96	264.62	210.41	128.46	120	136.15	54490.27	-0.09	2.91	-0.32	-120.36	-36.54	0	0	-120	-35	4.97	4.25	3.92	3.62	3.3	2.95	2.56
D	6	2174	-31.74	134.78	480020.68	6487307.94	264.84	210.68	128.75	120	136.09	54487.91	-0.1	2.81	-0.58	-120.02	-36.79	0	0	-120	-35	4.95	4.24	3.91	3.61	3.29	2.94	2.55
D	6	2174.2	-31.74	134.78	480020.77	6487320.92	265.04	210.97	128.89	120	136.15	54485.59	-0.1	2.69	-0.69	-119.75	-36.99	0	0	-120	-35	4.94	4.23	3.91	3.61	3.28	2.93	2.54
D	6	2174.4	-31.74	134.78	480020.85	6487333.89	265.22	211.26	128.9	120	136.32	54483.35	-0.11	2.56	-0.75	-119.51	-37.16	0	0	-120	-35	4.94	4.22	3.91	3.61			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2182.2	-31.74	134.78	480011.99	6487839.81	263.61	209.11	119.6	120	144.01	54445.34	-0.11	2.01	2.43	-120.89	-33.44	0	0	-120	-35	5.77	4.71	4.24	3.87	3.47	3.05	2.59
D	6	2182.4	-31.74	134.78	480011.72	6487852.79	263.52	209.03	120.13	120	143.39	54444.93	-0.11	2	2.24	-120.85	-33.47	0	0	-120	-35	5.76	4.71	4.24	3.86	3.47	3.05	2.59
D	6	2182.6	-31.74	134.78	480011.44	6487865.77	263.44	209.05	120.7	120	142.74	54444.53	-0.11	1.97	1.93	-120.81	-33.51	0	0	-120	-35	5.75	4.71	4.24	3.86	3.47	3.05	2.59
D	6	2182.8	-31.74	134.78	480011.15	6487878.75	263.35	209.13	121.27	120	142.09	54444.18	-0.12	1.94	1.59	-120.77	-33.54	0	0	-120	-35	5.75	4.71	4.25	3.87	3.47	3.05	2.59
D	6	2183	-31.74	134.78	480010.85	6487891.73	263.27	209.18	121.82	120	141.44	54443.86	-0.12	1.9	1.41	-120.74	-33.63	0	0	-120	-35	5.74	4.72	4.26	3.87	3.47	3.05	2.6
D	6	2183.2	-31.74	134.78	480010.55	6487904.7	263.17	209.25	122.35	120	140.81	54443.55	-0.12	1.89	1.24	-120.7	-33.75	0	0	-120	-35	5.75	4.74	4.27	3.88	3.48	3.06	2.6
D	6	2183.4	-31.74	134.78	480010.23	6487917.68	263.06	209.34	122.86	120	140.2	54443.25	-0.12	1.9	0.95	-120.69	-33.86	0	0	-120	-35	5.76	4.75	4.29	3.9	3.49	3.06	2.61
D	6	2183.6	-31.74	134.78	480009.91	6487930.65	262.96	209.46	123.34	120	139.62	54443.03	-0.13	1.91	0.66	-120.66	-33.99	0	0	-120	-35	5.76	4.77	4.31	3.92	3.51	3.08	2.61
D	6	2183.8	-31.74	134.78	480009.59	6487943.63	262.86	209.65	123.77	120	139.09	54442.93	-0.13	1.9	0.42	-120.63	-34.16	0	0	-120	-35	5.77	4.79	4.33	3.94	3.52	3.09	2.62
D	6	2184	-31.74	134.78	480009.27	6487956.6	262.78	209.81	124.16	120	138.62	54442.95	-0.13	1.88	0.32	-120.62	-34.31	0	0	-120	-35	5.78	4.81	4.35	3.95	3.53	3.1	2.63
D	6	2184.2	-31.74	134.78	480008.96	6487969.58	262.71	209.92	124.48	120	138.23	54443.03	-0.13	1.85	0.44	-120.61	-34.51	0	0	-120	-35	5.78	4.83	4.36	3.97	3.55	3.1	2.63
D	6	2184.4	-31.74	134.78	480008.66	6487982.55	262.65	209.96	124.74	120	137.9	54443.15	-0.13	1.81	0.72	-120.6	-34.65	0	0	-120	-35	5.78	4.84	4.38	3.98	3.55	3.11	2.63
D	6	2184.6	-31.74	134.78	480008.37	6487995.53	262.6	209.9	124.96	120	137.64	54443.33	-0.12	1.77	1.06	-120.55	-34.78	0	0	-120	-35	5.77	4.84	4.38	3.99	3.56	3.11	2.63
D	6	2184.8	-31.74	134.78	480008.1	6488008.51	262.55	209.81	125.1	120	137.46	54443.61	-0.12	1.72	1.4	-120.51	-34.91	0	0	-120	-35	5.75	4.84	4.38	3.99	3.56	3.1	2.62
D	6	2185	-31.74	134.78	480007.85	6488021.49	262.51	209.7	125.18	120	137.34	54443.96	-0.12	1.62	1.69	-120.46	-35.03	0	0	-120	-35	5.74	4.83	4.38	3.98	3.55	3.1	2.61
D	6	2185.2	-31.74	134.78	480007.62	6488034.46	262.47	209.56	125.21	120	137.26	54444.31	-0.12	1.51	1.84	-120.4	-35.13	0	0	-120	-35	5.72	4.83	4.38	3.98	3.55	3.1	2.61
D	6	2185.4	-31.74	134.78	480007.42	6488047.44	262.43	209.43	125.2	120	137.23	54444.68	-0.12	1.42	1.86	-120.33	-35.22	0	0	-120	-35	5.71	4.83	4.38	3.98	3.55	3.09	2.6
D	6	2185.6	-31.74	134.78	480007.23	6488060.42	262.38	209.33	125.15	120	137.23	54445.1	-0.11	1.34	1.78	-120.24	-35.28	0	0	-120	-35	5.7	4.83	4.38	3.98	3.55	3.09	2.6
D	6	2185.8	-31.74	134.78	480007.05	6488073.4	262.35	209.25	125.04	120	137.31	54445.58	-0.11	1.27	1.66	-120.2	-35.35	0	0	-120	-35	5.69	4.82	4.38	3.98	3.55	3.09	2.6
D	6	2186	-31.74	134.78	480006.89	6488086.38	262.31	209.23	124.86	120	137.46	54446.1	-0.11	1.22	1.48	-120.15	-35.37	0	0	-120	-35	5.68	4.82	4.38	3.97	3.55	3.09	2.59
D	6	2186.2	-31.74	134.78	480006.73	6488099.37	262.29	209.25	124.6	120	137.69	54446.65	-0.11	1.18	1.13	-120.11	-35.35	0	0	-120	-35	5.67	4.8	4.37	3.96	3.54	3.08	2.58
D	6	2186.4	-31.74	134.78	480006.58	6488112.36	262.27	209.25	124.26	120	138.01	54447.24	-0.11	1.15	0.69	-120.08	-35.31	0	0	-120	-35	5.65	4.78	4.36	3.95	3.53	3.07	2.58
D	6	2186.6	-31.74	134.78	480006.44	6488125.36	262.23	209.24	123.88	120	138.35	54447.83	-0.11	1.07	0.33	-120.1	-35.23	0	0	-120	-35	5.64	4.77	4.35	3.94	3.52	3.07	2.57
D	6	2186.8	-31.74	134.78	480006.29	6488138.37	262.16	209.18	123.44	120	138.72	54448.43	-0.11	0.98	0.03	-120.09	-35.13	0	0	-120	-35	5.63	4.75	4.34	3.94	3.52	3.06	2.57
D	6	2187	-31.74	134.78	480006.15	6488151.37	262.05	209.05	122.89	120	139.16	54449.1	-0.11	0.91	-0.26	-120.14	-34.98	0	0	-120	-35	5.63	4.75	4.34	3.93	3.51	3.06	2.57
D	6	2187.2	-31.74	134.78	480006	6488164.38	261.88	208.89	122.2	120	139.68	54449.93	-0.1	0.91	-0.44	-120.19	-34.79	0	0	-120	-35	5.65	4.75	4.34	3.93	3.51	3.06	2.57
D	6	2187.4	-31.74	134.78	480005.84	6488177.4	261.67	208.71	121.32	120	140.34	54450.9	-0.1	0.94	-0.45	-120.26	-34.54	0	0	-120	-35	5.69	4.77	4.35	3.94	3.52	3.07	2.57
D	6	2187.6	-31.74	134.78	480005.68	6488190.42	261.42	208.52	120.31	120	141.11	54451.91	-0.1	0.98	-0.24	-120.31	-34.28	0	0	-120	-35	5.73	4.79	4.37	3.95	3.53	3.07	2.57
D	6	2187.8	-31.74	134.78	480005.53	6488203.45	261.17	208.32	119.27	120	141.9	54452.89	-0.1	1.01	0.11	-120.51	-33.98	0	0	-120	-35	5.79	4.82	4.39	3.97	3.54	3.08	2.58
D	6	2188	-31.74	134.78	480005.38	6488216.48	260.94	208.08	118.34	120	142.6	54453.86	-0.09	1.12	0.43	-120.66	-33.64	0	0	-120	-35	5.84	4.85	4.4	3.98	3.54	3.08	2.58
D	6	2188.2	-31.74	134.78	480005.24	6488229.52	260.73	207.83	117.62	120	143.11	54454.93	-0.09	1.32	0.65	-120.83	-33.29	0	0	-120	-35	5.89	4.88	4.42	3.99	3.55	3.09	2.58
D	6	2188.4	-31.74	134.78	480005.1	6488242.56	260.53	207.58	117.11	120	143.43	54456.14	-0.08	1.48	0.85	-120.98	-32.96	0	0	-120	-35	5.94	4.91	4.43	4.01	3.56	3.1	2.59
D	6	2188.6	-31.74	134.78	480004.97	6488255.61	260.35	207.36	116.73	120	143.62	54457.42	-0.08	1.53	1.03	-121.15	-32.66	0	0	-120	-35	5.99	4.94	4.45	4.02	3.57	3.11	2.59
D	6	2188.8	-31.74	134.78	480004.85	6488268.67	260.19	207.16	116.4	120	143.79	54458.7	-0.08	1.51	1.19	-121.27	-32.4	0	0	-120	-35	6.04	4.98	4.47	4.05	3.59	3.12	2.61
D	6	2189	-31.74	134.78	480004.74	6488281.72	260.05	206.96	116.06	120	143.99	54459.95	-0.07	1.47	1.23	-121.37	-32.21	0	0	-120	-35	6.1	5.02	4.51	4.07	3.61	3.14	2.62
D	6	2189.2	-31.74	134.78	480004.64	6488294.78	259.93	206.75	115.73	120	144.2	54461.22	-0.07	1.42	1.16	-121.45	-32.05	0	0	-120	-35	6.18	5.08	4.55	4.11	3.65	3.17	2.64
D	6	2189.4	-31.74	134.78	480004.55	6488307.84	259.83	206.52	115.4	120	144.43	54462.58	-0.06	1.37	1.02	-121.49	-31.98	0	0	-120	-35	6.26	5.13	4.59	4.15	3.68	3.19	2.66
D	6	2189.6	-31.74	134.78	480004.47	6488320.9	259.74	206.34	115.09	120	144.65	54464.04	-0.06	1.32	0.77	-121.51	-31.93	0	0	-120	-35	6.34	5.19	4.64	4.19	3.72	3.22	2.69
D	6	2189.8	-31.74	134.78	480004.39	6488333.97	259.65	206.19	114.77	120	144.89	54465.56	-0.05	1.29	0.55	-121.53	-31.89	0	0	-120	-35	6.43	5.25	4.69	4.23	3.75	3.25	2.71
D	6	2190	-31.74	134.78	480004.31	6488347.03	259.55	206.07	114.38	120	145.17	54467.06	-0.05	1.31	0.46	-121.51	-31.9	0	0	-120	-35	6.5	5.3	4.74	4.27	3.78	3.28	2.73
D	6	2190.2	-31.74	134.78	480004.23	6488360.1	259.43	205.98	113.91	120	145.52	54468.52	-0.04	1.4	0.37	-121.52	-31.91	0	0	-120	-35	6.56	5.33	4.77	4.29	3.8	3.29	2.74
D	6	2190.4	-31.73	134.78	480004.15	6488373.17	259.31	205.9	113.36	120	145.95	54469.97	-0.04	1.52	0.32	-121.54	-31.94	0	0	-120	-35	6.61	5.36	4.79	4.31	3.82	3.31	2.75
D	6	2190.6	-31.73	134.78	480004.07	6488386.24	259.18	205.84	112.7	120	146.49	54471.44	-0.03	1.65	0.3	-121.53	-31.98	0	0	-120	-35	6.65	5.38	4.81	4.32	3.82	3.31	2.75
D	6	2190.8	-31.73	134.78	480003.99	6488399.31	259.06	205.81	111.99	120	147.07	54472.99	-0.03	1.78	0.14	-121.57	-32.03	0	0	-120	-35	6.69	5.4					

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2198.6	-31.73	134.78	480001.99	6488905.97	263.84	210.23	122.18	120	141.66	54517.96	0.12	2.08	1.85	-120.24	-34.94	0	0	-120	-35	5.88	4.85	4.33	3.88	3.44	2.99	2.49
D	6	2198.8	-31.73	134.78	480002.1	6488918.88	263.88	210.26	122.61	120	141.27	54518.09	0.12	2.07	1.86	-120.27	-34.76	0	0	-120	-35	5.84	4.83	4.32	3.87	3.43	2.98	2.48
D	6	2199	-31.73	134.78	480002.21	6488931.78	263.89	210.29	123	120	140.9	54518.19	0.12	2.05	1.54	-120.31	-34.57	0	0	-120	-35	5.79	4.81	4.31	3.86	3.42	2.97	2.46
D	6	2199.2	-31.73	134.78	480002.32	6488944.69	263.87	210.29	123.32	120	140.55	54518.32	0.12	2.01	1.17	-120.36	-34.42	0	0	-120	-35	5.75	4.79	4.3	3.86	3.41	2.96	2.45
D	6	2199.4	-31.73	134.78	480002.43	6488957.59	263.82	210.26	123.59	120	140.23	54518.47	0.12	1.99	0.85	-120.42	-34.26	0	0	-120	-35	5.71	4.78	4.29	3.85	3.41	2.96	2.44
D	6	2199.6	-31.73	134.78	480002.54	6488970.48	263.76	210.22	123.82	120	139.94	54518.58	0.12	2.02	0.62	-120.49	-34.19	0	0	-120	-35	5.67	4.76	4.28	3.85	3.4	2.95	2.43
D	6	2199.8	-31.73	134.78	480002.65	6488983.38	263.71	210.21	123.99	120	139.72	54518.6	0.12	2.05	0.58	-120.56	-34.11	0	0	-120	-35	5.64	4.75	4.28	3.84	3.4	2.94	2.41
D	6	2200	-31.73	134.78	480002.76	6488996.28	263.68	210.22	124.1	120	139.58	54518.53	0.11	2.08	0.59	-120.64	-34.07	0	0	-120	-35	5.61	4.74	4.27	3.84	3.39	2.93	2.4
D	6	2200.2	-31.73	134.78	480002.87	6489009.18	263.7	210.23	124.17	120	139.53	54518.41	0.11	2.09	0.53	-120.71	-34.1	0	0	-120	-35	5.58	4.73	4.26	3.83	3.39	2.93	2.39
D	6	2200.4	-31.73	134.78	480002.97	6489022.08	263.74	210.25	124.18	120	139.56	54518.24	0.11	2.06	0.46	-120.76	-34.14	0	0	-120	-35	5.55	4.72	4.26	3.83	3.39	2.92	2.38
D	6	2200.6	-31.73	134.78	480003.08	6489034.98	263.79	210.22	124.17	120	139.63	54518.03	0.11	2.01	0.42	-120.82	-34.23	0	0	-120	-35	5.54	4.72	4.26	3.83	3.39	2.92	2.37
D	6	2200.8	-31.73	134.78	480003.19	6489047.88	263.86	210.21	124.16	120	139.7	54517.78	0.11	1.97	0.39	-120.85	-34.29	0	0	-120	-35	5.53	4.72	4.26	3.83	3.39	2.92	2.37
D	6	2201	-31.73	134.78	480003.29	6489060.79	263.9	210.22	124.13	120	139.77	54517.55	0.11	1.92	0.39	-120.86	-34.36	0	0	-120	-35	5.53	4.72	4.27	3.84	3.4	2.92	2.36
D	6	2201.2	-31.73	134.78	480003.4	6489073.69	263.94	210.21	124.07	120	139.87	54517.37	0.11	1.88	0.54	-120.85	-34.41	0	0	-120	-35	5.53	4.72	4.27	3.85	3.4	2.92	2.36
D	6	2201.4	-31.73	134.78	480003.5	6489086.6	263.96	210.2	123.94	120	140.03	54517.24	0.11	1.83	0.78	-120.84	-34.46	0	0	-120	-35	5.54	4.73	4.28	3.85	3.4	2.92	2.35
D	6	2201.6	-31.73	134.78	480003.6	6489099.51	263.97	210.14	123.69	120	140.28	54517.1	0.11	1.77	1.14	-120.81	-34.47	0	0	-120	-35	5.54	4.73	4.28	3.86	3.41	2.91	2.34
D	6	2201.8	-31.73	134.78	480003.69	6489112.43	263.96	209.98	123.32	120	140.64	54516.89	0.11	1.75	1.52	-120.8	-34.47	0	0	-120	-35	5.53	4.73	4.28	3.86	3.4	2.91	2.33
D	6	2202	-31.73	134.78	480003.78	6489125.34	263.93	209.78	122.82	120	141.11	54516.61	0.12	1.79	1.61	-120.75	-34.45	0	0	-120	-35	5.51	4.73	4.27	3.85	3.4	2.9	2.32
D	6	2202.2	-31.73	134.78	480003.86	6489138.26	263.89	209.57	122.24	120	141.65	54516.27	0.12	1.84	1.43	-120.72	-34.42	0	0	-120	-35	5.49	4.72	4.26	3.84	3.39	2.88	2.3
D	6	2202.4	-31.73	134.78	480003.93	6489151.17	263.82	209.38	121.63	120	142.19	54515.87	0.12	1.86	1.08	-120.69	-34.38	0	0	-120	-35	5.47	4.71	4.25	3.83	3.37	2.87	2.28
D	6	2202.6	-31.73	134.78	480003.98	6489164.09	263.73	209.25	121.08	120	142.66	54515.4	0.12	1.86	0.59	-120.68	-34.33	0	0	-120	-35	5.45	4.7	4.23	3.82	3.36	2.85	2.27
D	6	2202.8	-31.73	134.78	480004.02	6489177.02	263.63	209.17	120.66	120	142.97	54514.92	0.12	1.8	0.02	-120.65	-34.29	0	0	-120	-35	5.43	4.69	4.23	3.82	3.36	2.84	2.25
D	6	2203	-31.73	134.78	480004.04	6489189.94	263.51	209.11	120.45	120	143.06	54514.46	0.12	1.73	-0.46	-120.67	-34.27	0	0	-120	-35	5.44	4.7	4.24	3.82	3.36	2.84	2.24
D	6	2203.2	-31.73	134.78	480004.04	6489202.87	263.37	209.05	120.52	120	142.85	54514.02	0.12	1.68	-0.84	-120.66	-34.21	0	0	-120	-35	5.45	4.71	4.25	3.83	3.37	2.85	2.24
D	6	2203.4	-31.73	134.78	480004.01	6489215.8	263.22	209	120.93	120	142.29	54513.53	0.12	1.67	-1.11	-120.67	-34.18	0	0	-120	-35	5.48	4.73	4.28	3.85	3.38	2.85	2.24
D	6	2203.6	-31.73	134.78	480003.96	6489228.74	263.06	208.94	121.68	120	141.38	54512.96	0.12	1.68	-1.34	-120.7	-34.13	0	0	-120	-35	5.52	4.76	4.3	3.87	3.4	2.86	2.24
D	6	2203.8	-31.73	134.78	480003.88	6489241.68	262.9	208.86	122.72	120	140.19	54512.25	0.12	1.7	-1.52	-120.72	-34.1	0	0	-120	-35	5.55	4.78	4.33	3.89	3.41	2.87	2.23
D	6	2204	-31.73	134.78	480003.76	6489254.63	262.76	208.77	123.92	120	138.84	54511.4	0.12	1.74	-1.68	-120.75	-34.04	0	0	-120	-35	5.56	4.79	4.34	3.9	3.42	2.86	2.22
D	6	2204.2	-31.73	134.78	480003.62	6489267.58	262.62	208.7	125.14	120	137.48	54510.49	0.12	1.74	-1.95	-120.77	-34	0	0	-120	-35	5.56	4.78	4.34	3.9	3.41	2.85	2.21
D	6	2204.4	-31.73	134.78	480003.45	6489280.54	262.49	208.63	126.27	120	136.22	54509.57	0.11	1.7	-2.24	-120.79	-34.01	0	0	-120	-35	5.53	4.76	4.32	3.88	3.4	2.83	2.18
D	6	2204.6	-31.73	134.78	480003.25	6489293.5	262.38	208.63	127.22	120	135.15	54508.63	0.11	1.59	-2.35	-120.8	-34.01	0	0	-120	-35	5.49	4.73	4.29	3.86	3.37	2.81	2.15
D	6	2204.8	-31.73	134.78	480003.04	6489306.47	262.26	208.73	127.95	120	134.31	54507.61	0.11	1.46	-2.22	-120.8	-33.99	0	0	-120	-35	5.45	4.7	4.26	3.83	3.35	2.78	2.13
D	6	2205	-31.73	134.78	480002.81	6489319.44	262.13	208.88	128.45	120	133.68	54506.54	0.11	1.37	-2.01	-120.8	-34.01	0	0	-120	-35	5.4	4.67	4.23	3.81	3.33	2.76	2.11
D	6	2205.2	-31.73	134.78	480002.57	6489332.42	262	209.07	128.76	120	133.24	54505.51	0.11	1.32	-1.71	-120.82	-34.01	0	0	-120	-35	5.37	4.65	4.22	3.8	3.32	2.75	2.1
D	6	2205.4	-31.73	134.78	480002.33	6489345.4	261.87	209.2	128.92	120	132.95	54504.51	0.1	1.29	-1.24	-120.8	-34	0	0	-120	-35	5.36	4.64	4.21	3.79	3.32	2.75	2.1
D	6	2205.6	-31.73	134.78	480002.09	6489358.38	261.73	209.21	129.01	120	132.72	54503.47	0.1	1.24	-0.79	-120.8	-34.02	0	0	-120	-35	5.36	4.64	4.22	3.8	3.33	2.76	2.1
D	6	2205.8	-31.73	134.78	480001.85	6489371.37	261.58	209.11	129.09	120	132.49	54502.32	0.1	1.17	-0.44	-120.78	-34.01	0	0	-120	-35	5.38	4.65	4.24	3.82	3.34	2.78	2.12
D	6	2206	-31.73	134.78	480001.63	6489384.37	261.43	208.88	129.2	120	132.23	54501.07	0.1	1.1	-0.14	-120.75	-34	0	0	-120	-35	5.4	4.66	4.25	3.83	3.36	2.79	2.14
D	6	2206.2	-31.73	134.78	480001.44	6489397.38	261.26	208.52	129.36	120	131.9	54499.77	0.09	1.06	0.01	-120.73	-34	0	0	-120	-35	5.41	4.67	4.26	3.85	3.38	2.81	2.15
D	6	2206.4	-31.73	134.78	480001.26	6489410.39	261.09	208.07	129.55	120	131.54	54498.46	0.09	1.02	0.03	-120.73	-33.98	0	0	-120	-35	5.41	4.67	4.27	3.85	3.39	2.82	2.16
D	6	2206.6	-31.73	134.78	480001.09	6489423.41	260.91	207.54	129.71	120	131.2	54497.18	0.08	0.99	0.01	-120.75	-33.94	0	0	-120	-35	5.4	4.67	4.27	3.85	3.39	2.83	2.17
D	6	2206.8	-31.73	134.78	480000.92	6489436.44	260.71	206.99	129.83	120	130.88	54495.91	0.08	0.99	-0.01	-120.78	-33.88	0	0	-120	-35	5.38	4.65	4.25	3.84	3.38	2.83	2.18
D	6	2207	-31.73	134.78	480000.74	6489449.47	260.51	206.45	129.88	120	130.63	54494.62	0.08	1.02	-0.01	-120.8	-33.79	0	0	-120	-35	5.36	4.63	4.23	3.83	3.37	2.82	2.17
D	6	2207.2	-31.73	134.78	480000.53	6489462.5	260.29	206	129.86	120	130.43	54493.32	0.08	1.08	-0.01	-120.86	-33.72	0	0	-120	-35	5.33	4.62	4.22	3.82			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2215	-31.72	134.78	479994.24	6489975.99	250.12	196.76	117.92	120	132.2	54436.39	0.01	1.49	-1.66	-120.54	-34.61	0	0	-120	-35	6.84	5.57	4.79	3.97	3.04	2.14	1.35
D	6	2215.2	-31.72	134.78	479994.09	6489989.28	250.15	196.91	117.98	120	132.16	54435.14	0.01	1.49	-1.32	-120.44	-34.72	0	0	-120	-35	6.78	5.47	4.67	3.82	2.89	2.01	1.25
D	6	2215.4	-31.72	134.78	479993.94	6490002.56	250.17	197.04	117.99	120	132.19	54433.86	0.01	1.51	-0.95	-120.37	-34.8	0	0	-120	-35	6.7	5.35	4.52	3.66	2.73	1.86	1.15
D	6	2215.6	-31.72	134.78	479993.79	6490015.85	250.19	197.13	117.95	120	132.25	54432.55	0.01	1.54	-0.57	-120.29	-34.83	0	0	-120	-35	6.61	5.2	4.35	3.48	2.55	1.72	1.05
D	6	2215.8	-31.72	134.78	479993.65	6490029.13	250.21	197.22	117.86	120	132.35	54431.25	0.02	1.53	-0.19	-120.24	-34.79	0	0	-120	-35	6.49	5.04	4.17	3.29	2.37	1.57	0.96
D	6	2216	-31.72	134.78	479993.52	6490042.42	250.21	197.26	117.73	120	132.48	54429.98	0.02	1.49	0.09	-120.21	-34.74	0	0	-120	-35	6.36	4.87	3.97	3.09	2.19	1.43	0.87
D	6	2216.2	-31.72	134.78	479993.41	6490055.7	250.19	197.18	117.58	120	132.6	54428.74	0.02	1.49	0.37	-120.2	-34.66	0	0	-120	-35	6.24	4.69	3.78	2.89	2.02	1.3	0.79
D	6	2216.4	-31.72	134.78	479993.33	6490068.98	250.15	197.03	117.42	120	132.73	54427.5	0.02	1.54	0.71	-120.2	-34.52	0	0	-120	-35	6.12	4.51	3.59	2.71	1.86	1.18	0.71
D	6	2216.6	-31.72	134.78	479993.25	6490082.27	250.1	196.78	117.23	120	132.87	54426.2	0.02	1.61	1.08	-120.21	-34.37	0	0	-120	-35	6	4.34	3.4	2.53	1.71	1.07	0.65
D	6	2216.8	-31.72	134.78	479993.19	6490095.54	250.05	196.54	117.02	120	133.03	54424.85	0.02	1.69	1.42	-120.23	-34.2	0	0	-120	-35	5.9	4.18	3.23	2.37	1.57	0.98	0.59
D	6	2217	-31.72	134.78	479993.13	6490108.82	249.99	196.38	116.77	120	133.22	54423.45	0.02	1.72	1.67	-120.31	-34.03	0	0	-120	-35	5.8	4.02	3.06	2.22	1.46	0.9	0.54
D	6	2217.2	-31.72	134.78	479993.08	6490122.09	249.93	196.26	116.47	120	133.46	54422.01	0.02	1.75	1.8	-120.39	-33.86	0	0	-120	-35	5.7	3.88	2.91	2.08	1.35	0.83	0.5
D	6	2217.4	-31.72	134.78	479993.03	6490135.36	249.87	196.22	116.15	120	133.72	54420.56	0.01	1.81	1.84	-120.49	-33.66	0	0	-120	-35	5.61	3.74	2.77	1.96	1.26	0.78	0.47
D	6	2217.6	-31.72	134.78	479993	6490148.62	249.82	196.2	115.83	120	133.99	54419.15	0.01	1.88	1.85	-120.56	-33.48	0	0	-120	-35	5.53	3.61	2.64	1.85	1.18	0.73	0.44
D	6	2217.8	-31.72	134.78	479992.97	6490161.88	249.77	196.21	115.54	120	134.24	54417.8	0.01	1.95	1.89	-120.68	-33.3	0	0	-120	-35	5.43	3.49	2.52	1.75	1.11	0.68	0.41
D	6	2218	-31.72	134.78	479992.97	6490175.14	249.75	196.23	115.29	120	134.46	54416.48	0.01	2.02	1.98	-120.76	-33.17	0	0	-120	-35	5.34	3.36	2.4	1.66	1.05	0.65	0.39
D	6	2218.2	-31.72	134.78	479992.97	6490188.39	249.73	196.26	115.09	120	134.64	54415.13	0.01	2.09	2.14	-120.83	-33.07	0	0	-120	-35	5.23	3.23	2.28	1.57	0.99	0.61	0.37
D	6	2218.4	-31.72	134.78	479993	6490201.64	249.73	196.31	114.92	120	134.81	54413.73	0.01	2.16	2.32	-120.89	-33	0	0	-120	-35	5.12	3.1	2.16	1.48	0.94	0.58	0.34
D	6	2218.6	-31.72	134.78	479993.04	6490214.88	249.75	196.36	114.77	120	134.99	54412.34	0.01	2.22	2.52	-120.91	-32.97	0	0	-120	-35	5	2.96	2.05	1.4	0.89	0.55	0.33
D	6	2218.8	-31.72	134.78	479993.1	6490228.12	249.8	196.42	114.66	120	135.14	54410.95	0.01	2.27	2.67	-120.96	-32.96	0	0	-120	-35	4.87	2.82	1.94	1.32	0.84	0.52	0.31
D	6	2219	-31.72	134.78	479993.19	6490241.35	249.87	196.51	114.58	120	135.29	54409.54	0.01	2.31	2.73	-120.96	-33	0	0	-120	-35	4.74	2.68	1.83	1.25	0.8	0.5	0.29
D	6	2219.2	-31.72	134.78	479993.29	6490254.58	249.98	196.6	114.54	120	135.44	54408.05	0.01	2.32	2.74	-120.95	-33.05	0	0	-120	-35	4.6	2.55	1.73	1.18	0.76	0.47	0.27
D	6	2219.4	-31.72	134.78	479993.42	6490267.79	250.1	196.74	114.52	120	135.59	54406.48	0.01	2.26	2.71	-120.92	-33.13	0	0	-120	-35	4.46	2.41	1.63	1.11	0.72	0.44	0.25
D	6	2219.6	-31.72	134.78	479993.57	6490281.01	250.24	196.97	114.47	120	135.77	54404.91	0.01	2.14	2.7	-120.87	-33.22	0	0	-120	-35	4.3	2.28	1.53	1.04	0.67	0.41	0.23
D	6	2219.8	-31.72	134.78	479993.75	6490294.21	250.36	197.23	114.39	120	135.96	54403.38	0.01	2.04	2.74	-120.81	-33.29	0	0	-120	-35	4.14	2.16	1.44	0.98	0.63	0.38	0.21
D	6	2220	-31.72	134.78	479993.95	6490307.4	250.44	197.47	114.26	120	136.18	54401.89	0.01	1.94	2.91	-120.74	-33.36	0	0	-120	-35	3.98	2.04	1.36	0.91	0.58	0.35	0.19
D	6	2268	-31.72	134.79	480990.78	6490363.19	244.37	190.52	116.64	120	127.74	54320.78	-0.03	1.38	0.89	-121.31	-32.62	0	0	-120	-35	7.5	6.61	6.03	5.43	4.7	3.84	2.86
D	6	2268.2	-31.72	134.79	480990.84	6490349.27	244.32	190.4	116.43	120	127.89	54320.4	-0.04	1.45	1	-121.27	-32.66	0	0	-120	-35	7.66	6.82	6.28	5.69	4.97	4.11	3.1
D	6	2268.4	-31.72	134.79	480990.9	6490335.34	244.29	190.41	116.2	120	128.09	54320.09	-0.05	1.48	0.99	-121.19	-32.74	0	0	-120	-35	7.79	7	6.48	5.91	5.2	4.33	3.3
D	6	2268.6	-31.72	134.79	480990.96	6490321.41	244.27	190.55	115.95	120	128.32	54319.81	-0.06	1.46	0.85	-121.13	-32.81	0	0	-120	-35	7.9	7.15	6.64	6.08	5.38	4.51	3.47
D	6	2268.8	-31.72	134.79	480991.01	6490307.48	244.25	190.78	115.72	120	128.53	54319.53	-0.07	1.4	0.7	-121.06	-32.87	0	0	-120	-35	7.98	7.25	6.76	6.21	5.52	4.65	3.6
D	6	2269	-31.72	134.79	480991.05	6490293.55	244.19	190.96	115.51	120	128.68	54319.3	-0.08	1.35	0.52	-120.96	-32.93	0	0	-120	-35	8.05	7.33	6.84	6.3	5.61	4.75	3.7
D	6	2269.2	-31.72	134.79	480991.08	6490279.62	244.11	191.01	115.37	120	128.74	54319.18	-0.09	1.35	0.26	-120.92	-32.98	0	0	-120	-35	8.08	7.37	6.88	6.34	5.66	4.8	3.75
D	6	2269.4	-31.72	134.79	480991.09	6490265.68	244.01	190.89	115.32	120	128.69	54319.29	-0.1	1.38	0.02	-120.87	-33.03	0	0	-120	-35	8.09	7.37	6.89	6.35	5.67	4.8	3.76
D	6	2269.6	-31.72	134.79	480991.1	6490251.75	243.89	190.64	115.39	120	128.51	54319.6	-0.1	1.44	-0.02	-120.84	-33.07	0	0	-120	-35	8.07	7.35	6.87	6.33	5.64	4.77	3.73
D	6	2269.8	-31.72	134.79	480991.1	6490237.81	243.78	190.37	115.57	120	128.21	54320.06	-0.11	1.53	0.06	-120.79	-33.08	0	0	-120	-35	8.02	7.3	6.82	6.27	5.57	4.71	3.67
D	6	2270	-31.72	134.79	480991.12	6490223.87	243.68	190.13	115.84	120	127.85	54320.64	-0.11	1.6	0.21	-120.78	-33.1	0	0	-120	-35	7.95	7.22	6.73	6.18	5.47	4.6	3.57
D	6	2270.2	-31.72	134.79	480991.12	6490209.94	243.61	189.92	116.16	120	127.45	54321.35	-0.1	1.68	0.34	-120.77	-33.13	0	0	-120	-35	7.86	7.12	6.62	6.06	5.35	4.47	3.44
D	6	2270.4	-31.72	134.79	480991.13	6490196	243.55	189.78	116.49	120	127.06	54322.2	-0.1	1.76	0.41	-120.76	-33.1	0	0	-120	-35	7.75	7.01	6.5	5.92	5.19	4.31	3.28
D	6	2270.6	-31.72	134.79	480991.14	6490182.06	243.5	189.7	116.82	120	126.69	54323.18	-0.1	1.79	0.41	-120.75	-33.13	0	0	-120	-35	7.64	6.88	6.36	5.78	5.03	4.13	3.12
D	6	2270.8	-31.72	134.79	480991.14	6490168.12	243.47	189.68	117.14	120	126.33	54324.25	-0.1	1.78	0.42	-120.74	-33.12	0	0	-120	-35	7.54	6.78	6.24	5.64	4.88	3.97	2.96
D	6	2271	-31.72	134.79	480991.14	6490154.18	243.44	189.8	117.46	120	125.98	54325.37	-0.09	1.74	0.48	-120.74	-33.13	0	0	-120	-35	7.47	6.68	6.14	5.52	4.74	3.82	2.81
D	6	2271.2	-31.72	134.79	480991.14	6490140.24	243.42	190.07	117.77	120	125.65	54326.53	-0.09	1.69	0.56	-120.71	-33.13	0	0	-120	-35	7.39	6.6	6.04	5.41	4.61	3.67	2.67
D	6	2271.4	-31.72	134.79	480991.14	6490126.3	243.4	190.38	118.06	120	125.34	54327.73	-0.09	1.65	0.66	-120.71	-33.15	0	0	-120	-35	7.33	6.52	5.96	5.32	4.5	3.	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2279.2	-31.72	134.79	480983.99	6489584.87	247	194	112.5	120	134.5	54389.38	-0.02	2.84	-1.11	-120.2	-34.93	0	0	-120	-35	7.53	6.54	5.97	5.42	4.83	4.21	3.52
D	6	2279.4	-31.72	134.79	480983.76	6489571.07	247.15	194	112.59	120	134.56	54391.15	-0.02	2.89	-1.07	-120.2	-34.99	0	0	-120	-35	7.51	6.52	5.95	5.4	4.81	4.19	3.49
D	6	2279.6	-31.72	134.79	480983.54	6489557.27	247.3	193.89	112.77	120	134.53	54392.95	-0.02	2.94	-1	-120.18	-35.06	0	0	-120	-35	7.49	6.51	5.94	5.39	4.8	4.17	3.47
D	6	2279.8	-31.72	134.79	480983.31	6489543.48	247.46	193.78	113.03	120	134.43	54394.79	-0.02	2.93	-0.97	-120.16	-35.13	0	0	-120	-35	7.48	6.5	5.93	5.38	4.79	4.16	3.46
D	6	2280	-31.72	134.79	480983.1	6489529.69	247.63	193.8	113.33	120	134.31	54396.62	-0.02	2.85	-0.86	-120.12	-35.16	0	0	-120	-35	7.48	6.51	5.94	5.39	4.79	4.16	3.46
D	6	2280.2	-31.72	134.79	480982.9	6489515.91	247.83	193.97	113.66	120	134.18	54398.41	-0.02	2.7	-0.73	-120.1	-35.18	0	0	-120	-35	7.48	6.52	5.95	5.4	4.8	4.17	3.47
D	6	2280.4	-31.72	134.79	480982.71	6489502.14	248.05	194.3	114	120	134.06	54400.21	-0.02	2.53	-0.63	-120.06	-35.21	0	0	-120	-35	7.48	6.53	5.96	5.41	4.81	4.18	3.48
D	6	2280.6	-31.72	134.79	480982.52	6489488.37	248.28	194.69	114.33	120	133.95	54402.06	-0.01	2.42	-0.56	-120.02	-35.19	0	0	-120	-35	7.48	6.53	5.97	5.42	4.83	4.2	3.49
D	6	2280.8	-31.72	134.79	480982.34	6489474.61	248.49	195.04	114.65	120	133.84	54403.97	-0.01	2.38	-0.49	-120.03	-35.18	0	0	-120	-35	7.47	6.53	5.97	5.43	4.84	4.21	3.5
D	6	2281	-31.73	134.79	480982.16	6489460.84	248.68	195.27	114.96	120	133.72	54405.89	-0.01	2.4	-0.42	-120.03	-35.12	0	0	-120	-35	7.45	6.53	5.97	5.43	4.84	4.21	3.51
D	6	2281.2	-31.73	134.79	480981.99	6489447.08	248.84	195.37	115.26	120	133.58	54407.82	-0.01	2.46	-0.38	-120.08	-35.07	0	0	-120	-35	7.42	6.51	5.96	5.43	4.84	4.22	3.51
D	6	2281.4	-31.73	134.79	480981.81	6489433.32	248.98	195.4	115.58	120	133.39	54409.74	-0.01	2.53	-0.36	-120.11	-34.98	0	0	-120	-35	7.38	6.47	5.93	5.41	4.83	4.21	3.51
D	6	2281.6	-31.73	134.79	480981.64	6489419.56	249.09	195.41	115.91	120	133.18	54411.7	-0.01	2.61	-0.35	-120.15	-34.88	0	0	-120	-35	7.33	6.44	5.9	5.39	4.82	4.2	3.51
D	6	2281.8	-31.73	134.79	480981.47	6489405.81	249.2	195.52	116.26	120	132.94	54413.69	-0.01	2.67	-0.37	-120.22	-34.8	0	0	-120	-35	7.27	6.39	5.87	5.37	4.8	4.19	3.5
D	6	2282	-31.73	134.79	480981.31	6489392.06	249.3	195.73	116.62	120	132.68	54415.74	-0.01	2.74	-0.52	-120.28	-34.69	0	0	-120	-35	7.21	6.35	5.83	5.34	4.78	4.18	3.5
D	6	2282.2	-31.73	134.79	480981.15	6489378.31	249.39	195.97	116.98	120	132.41	54417.87	-0.01	2.79	-0.59	-120.35	-34.6	0	0	-120	-35	7.15	6.31	5.8	5.31	4.76	4.16	3.49
D	6	2282.4	-31.73	134.79	480981	6489364.56	249.48	196.25	117.33	120	132.15	54420.07	-0.01	2.79	-0.49	-120.38	-34.55	0	0	-120	-35	7.11	6.27	5.77	5.29	4.74	4.15	3.49
D	6	2282.6	-31.73	134.79	480980.85	6489350.82	249.57	196.48	117.7	120	131.87	54422.29	0	2.78	-0.35	-120.44	-34.53	0	0	-120	-35	7.08	6.24	5.74	5.27	4.73	4.15	3.5
D	6	2282.8	-31.73	134.79	480980.7	6489337.08	249.68	196.65	118.1	120	131.59	54424.51	0	2.72	-0.18	-120.45	-34.59	0	0	-120	-35	7.06	6.23	5.73	5.26	4.73	4.15	3.51
D	6	2283	-31.73	134.79	480980.54	6489323.35	249.83	196.81	118.52	120	131.32	54426.72	0.01	2.62	-0.01	-120.47	-34.65	0	0	-120	-35	7.05	6.21	5.72	5.26	4.73	4.15	3.52
D	6	2283.2	-31.73	134.79	480980.38	6489309.61	250.03	196.96	118.95	120	131.07	54428.97	0.01	2.54	0.2	-120.46	-34.78	0	0	-120	-35	7.04	6.2	5.71	5.26	4.73	4.16	3.53
D	6	2283.4	-31.73	134.79	480980.21	6489295.88	250.25	197.12	119.36	120	130.89	54431.25	0.01	2.47	0.46	-120.42	-34.89	0	0	-120	-35	7.04	6.19	5.71	5.25	4.73	4.17	3.54
D	6	2283.6	-31.73	134.79	480980.03	6489282.16	250.5	197.33	119.69	120	130.81	54433.56	0.01	2.38	0.65	-120.38	-35.01	0	0	-120	-35	7.03	6.17	5.7	5.24	4.73	4.17	3.55
D	6	2283.8	-31.73	134.79	480979.85	6489268.43	250.75	197.57	119.97	120	130.78	54435.89	0.02	2.31	0.73	-120.35	-35.11	0	0	-120	-35	7	6.14	5.67	5.22	4.71	4.16	3.54
D	6	2284	-31.73	134.79	480979.67	6489254.7	251.01	197.76	120.21	120	130.8	54438.19	0.02	2.23	0.76	-120.28	-35.2	0	0	-120	-35	6.96	6.1	5.64	5.19	4.69	4.14	3.53
D	6	2284.2	-31.73	134.79	480979.47	6489240.97	251.25	197.95	120.46	120	130.79	54440.42	0.03	2.15	0.76	-120.23	-35.27	0	0	-120	-35	6.87	6.03	5.57	5.13	4.63	4.08	3.48
D	6	2284.4	-31.73	134.79	480979.27	6489227.24	251.49	198.1	120.75	120	130.73	54442.6	0.03	2.14	0.63	-120.21	-35.28	0	0	-120	-35	6.76	5.93	5.48	5.04	4.55	4.01	3.41
D	6	2284.6	-31.73	134.79	480979.08	6489213.51	251.71	198.23	121.04	120	130.67	54444.84	0.03	2.18	0.24	-120.18	-35.29	0	0	-120	-35	6.65	5.84	5.39	4.96	4.48	3.94	3.34
D	6	2284.8	-31.73	134.79	480978.88	6489199.79	251.92	198.38	121.31	120	130.61	54447.14	0.04	2.16	-0.1	-120.17	-35.28	0	0	-120	-35	6.55	5.76	5.31	4.88	4.4	3.87	3.27
D	6	2285	-31.73	134.79	480978.7	6489186.06	252.12	198.44	121.51	120	130.6	54449.47	0.04	2.11	-0.31	-120.14	-35.3	0	0	-120	-35	6.46	5.69	5.24	4.82	4.34	3.81	3.21
D	6	2285.2	-31.73	134.79	480978.52	6489172.34	252.29	198.43	121.65	120	130.64	54451.78	0.05	2.09	-0.42	-120.12	-35.3	0	0	-120	-35	6.39	5.63	5.18	4.77	4.29	3.76	3.15
D	6	2285.4	-31.73	134.79	480978.35	6489158.61	252.44	198.36	121.78	120	130.66	54454.12	0.05	2.11	-0.53	-120.09	-35.27	0	0	-120	-35	6.34	5.58	5.13	4.72	4.25	3.72	3.1
D	6	2285.6	-31.73	134.79	480978.2	6489144.89	252.58	198.28	121.91	120	130.67	54456.45	0.06	2.11	-0.62	-120.08	-35.28	0	0	-120	-35	6.31	5.55	5.11	4.69	4.22	3.69	3.07
D	6	2285.8	-31.73	134.79	480978.06	6489131.17	252.7	198.29	122.07	120	130.63	54458.73	0.06	2.08	-0.6	-120.06	-35.28	0	0	-120	-35	6.3	5.54	5.09	4.68	4.21	3.67	3.04
D	6	2286	-31.73	134.79	480977.94	6489117.46	252.83	198.4	122.28	120	130.55	54460.92	0.07	2.06	-0.53	-120.02	-35.26	0	0	-120	-35	6.32	5.54	5.1	4.69	4.21	3.67	3.04
D	6	2286.2	-31.73	134.79	480977.84	6489103.74	252.95	198.58	122.52	120	130.42	54463.09	0.07	2.07	-0.57	-119.99	-35.24	0	0	-120	-35	6.33	5.55	5.11	4.69	4.22	3.67	3.03
D	6	2286.4	-31.73	134.79	480977.76	6489090.03	253.07	198.77	122.8	120	130.27	54465.27	0.07	2.06	-0.57	-119.99	-35.24	0	0	-120	-35	6.35	5.56	5.12	4.7	4.22	3.67	3.03
D	6	2286.6	-31.73	134.79	480977.7	6489076.33	253.18	198.92	123.07	120	130.11	54467.4	0.08	2.05	-0.5	-120.01	-35.17	0	0	-120	-35	6.35	5.56	5.12	4.7	4.22	3.67	3.02
D	6	2286.8	-31.73	134.79	480977.66	6489062.62	253.28	199.03	123.3	120	129.98	54469.46	0.08	2.06	-0.46	-120.05	-35.09	0	0	-120	-35	6.35	5.56	5.11	4.69	4.21	3.65	3
D	6	2287	-31.73	134.79	480977.64	6489048.92	253.38	199.13	123.48	120	129.89	54471.47	0.08	2.08	-0.43	-120.13	-34.97	0	0	-120	-35	6.32	5.54	5.08	4.67	4.19	3.63	2.98
D	6	2287.2	-31.73	134.79	480977.63	6489035.21	253.46	199.23	123.59	120	129.88	54473.49	0.09	2.11	-0.38	-120.23	-34.79	0	0	-120	-35	6.28	5.5	5.05	4.64	4.16	3.6	2.95
D	6	2287.4	-31.73	134.79	480977.64	6489021.51	253.54	199.3	123.63	120	129.91	54475.52	0.09	2.14	-0.37	-120.35	-34.63	0	0	-120	-35	6.23	5.46	5.01	4.6	4.12	3.57	2.92
D	6	2287.6	-31.73	134.79	480977.67	6489007.82	253.62	199.37	123.63	120	129.98	54477.57	0.1	2.16	-0.37	-120.47	-34.43	0	0	-120	-35	6.17	5.41	4.96	4.56	4.08	3.54	2.9
D	6	2287.8	-31.73	134.79	480977.71	6488994.12	253.69	199.42	123.58	120	130.12	54479.58	0.1	2.18	-0.27	-120.58	-34.27	0	0	-120	-35	6.11	5.36	4.92	4.52	4.05</		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2295.6	-31.73	134.79	480976.75	6488459.88	256.61	203.21	117.18	120	139.43	54514.28	0.14	2.16	-1.43	-120.58	-34.1	0	0	-120	-35	5.87	4.95	4.51	4.1	3.67	3.2	2.67
D	6	2295.8	-31.73	134.79	480976.79	6488446.2	256.66	202.98	116.84	120	139.82	54514.1	0.13	2.16	-1.35	-120.55	-34.2	0	0	-120	-35	5.86	4.95	4.5	4.09	3.66	3.2	2.66
D	6	2296	-31.73	134.79	480976.87	6488432.53	256.75	202.86	116.86	120	139.89	54513.75	0.13	2.14	-1.47	-120.5	-34.33	0	0	-120	-35	5.85	4.94	4.49	4.08	3.66	3.19	2.65
D	6	2296.2	-31.73	134.79	480976.98	6488418.85	256.89	202.85	117.2	120	139.69	54513.28	0.12	2.08	-1.81	-120.45	-34.5	0	0	-120	-35	5.84	4.94	4.48	4.08	3.65	3.18	2.64
D	6	2296.4	-31.73	134.79	480977.13	6488405.18	257.07	202.93	117.74	120	139.33	54512.8	0.12	1.98	-2.28	-120.38	-34.69	0	0	-120	-35	5.84	4.93	4.47	4.07	3.64	3.17	2.63
D	6	2296.6	-31.73	134.79	480977.31	6488391.5	257.27	203.19	118.36	120	138.91	54512.34	0.11	1.88	-2.72	-120.29	-34.95	0	0	-120	-35	5.83	4.92	4.46	4.06	3.63	3.16	2.62
D	6	2296.8	-31.73	134.79	480977.51	6488377.83	257.48	203.59	118.95	120	138.53	54511.85	0.1	1.79	-2.87	-120.2	-35.16	0	0	-120	-35	5.82	4.91	4.45	4.04	3.62	3.15	2.61
D	6	2297	-31.74	134.79	480977.74	6488364.15	257.67	204.16	119.45	120	138.22	54511.23	0.1	1.69	-2.74	-120.15	-35.39	0	0	-120	-35	5.81	4.89	4.43	4.03	3.6	3.14	2.6
D	6	2297.2	-31.74	134.79	480977.99	6488350.49	257.84	204.8	119.87	120	137.97	54510.53	0.09	1.56	-2.65	-120.11	-35.59	0	0	-120	-35	5.81	4.88	4.42	4.02	3.59	3.13	2.59
D	6	2297.4	-31.74	134.79	480978.26	6488336.82	257.99	205.32	120.18	120	137.81	54509.8	0.08	1.46	-2.32	-120.08	-35.76	0	0	-120	-35	5.8	4.87	4.41	4.01	3.58	3.12	2.58
D	6	2297.6	-31.74	134.79	480978.53	6488323.16	258.12	205.69	120.43	120	137.69	54509.12	0.08	1.4	-1.73	-120.06	-35.85	0	0	-120	-35	5.8	4.86	4.4	4	3.57	3.11	2.57
D	6	2297.8	-31.74	134.79	480978.79	6488309.49	258.21	205.88	120.64	120	137.57	54508.53	0.07	1.39	-1.02	-120.11	-35.9	0	0	-120	-35	5.79	4.84	4.39	3.98	3.56	3.09	2.56
D	6	2298	-31.74	134.79	480979.02	6488295.81	258.26	205.93	120.82	120	137.44	54508.07	0.07	1.37	-0.24	-120.17	-35.94	0	0	-120	-35	5.78	4.83	4.37	3.97	3.54	3.08	2.54
D	6	2298.2	-31.74	134.79	480979.22	6488282.13	258.27	205.9	121	120	137.27	54507.7	0.07	1.33	0.79	-120.24	-35.83	0	0	-120	-35	5.76	4.81	4.35	3.95	3.52	3.06	2.53
D	6	2298.4	-31.74	134.79	480979.4	6488268.45	258.24	205.82	121.17	120	137.08	54507.36	0.07	1.29	1.98	-120.35	-35.69	0	0	-120	-35	5.74	4.78	4.33	3.92	3.5	3.04	2.52
D	6	2298.6	-31.74	134.79	480979.54	6488254.75	258.18	205.7	121.27	120	136.91	54507.01	0.07	1.31	2.88	-120.46	-35.45	0	0	-120	-35	5.71	4.76	4.3	3.9	3.48	3.03	2.5
D	6	2298.8	-31.74	134.79	480979.64	6488241.05	258.11	205.56	121.32	120	136.78	54506.6	0.07	1.37	3.29	-120.58	-35.15	0	0	-120	-35	5.69	4.74	4.29	3.88	3.46	3.01	2.5
D	6	2299	-31.74	134.79	480979.71	6488227.35	258.02	205.36	121.29	120	136.74	54506.17	0.07	1.47	3.23	-120.71	-34.81	0	0	-120	-35	5.67	4.73	4.28	3.87	3.45	3.01	2.49
D	6	2299.2	-31.74	134.79	480979.75	6488213.64	257.95	205.06	121.15	120	136.8	54505.75	0.07	1.61	2.82	-120.85	-34.39	0	0	-120	-35	5.67	4.73	4.27	3.87	3.45	3	2.49
D	6	2299.4	-31.74	134.79	480979.75	6488199.92	257.87	204.7	120.88	120	136.99	54505.42	0.07	1.77	2.15	-120.99	-34.02	0	0	-120	-35	5.67	4.74	4.28	3.88	3.46	3.01	2.5
D	6	2299.6	-31.74	134.79	480979.73	6488186.2	257.79	204.32	120.48	120	137.32	54499.19	0.07	1.87	1.36	-121.14	-33.69	0	0	-120	-35	5.69	4.75	4.3	3.89	3.47	3.02	2.51
D	6	2299.8	-31.74	134.79	480979.7	6488172.49	257.7	203.99	119.87	120	137.83	54505.04	0.07	1.91	0.69	-121.26	-33.39	0	0	-120	-35	5.72	4.78	4.32	3.91	3.49	3.04	2.52
D	6	2300	-31.74	134.79	480979.68	6488158.78	257.6	203.74	119.02	120	138.58	54504.87	0.07	1.91	0.26	-121.35	-33.15	0	0	-120	-35	5.75	4.81	4.34	3.94	3.51	3.05	2.53
D	6	2300.2	-31.74	134.79	480979.68	6488145.07	257.47	203.53	117.92	120	139.55	54504.64	0.08	1.94	-0.11	-121.47	-33	0	0	-120	-35	5.79	4.84	4.37	3.96	3.54	3.07	2.55
D	6	2300.4	-31.74	134.79	480979.68	6488131.37	257.34	203.32	116.63	120	140.7	54504.37	0.08	2.02	-0.6	-121.57	-32.91	0	0	-120	-35	5.82	4.87	4.4	3.99	3.56	3.09	2.56
D	6	2300.6	-31.74	134.79	480979.71	6488117.68	257.21	203.12	115.36	120	141.84	54504.11	0.09	2.18	-1.27	-121.64	-32.86	0	0	-120	-35	5.86	4.9	4.43	4.02	3.58	3.11	2.57
D	6	2300.8	-31.74	134.79	480979.76	6488103.99	257.11	202.94	114.38	120	142.73	54503.88	0.09	2.32	-1.82	-121.68	-32.83	0	0	-120	-35	5.88	4.92	4.46	4.04	3.6	3.13	2.58
D	6	2301	-31.74	134.79	480979.86	6488090.31	257.06	202.82	113.94	120	143.11	54503.6	0.1	2.37	-2.16	-121.71	-32.86	0	0	-120	-35	5.9	4.94	4.48	4.06	3.62	3.14	2.59
D	6	2301.2	-31.74	134.79	480979.99	6488076.62	257.06	202.83	114.17	120	142.89	54503.18	0.1	2.37	-2.43	-121.71	-32.87	0	0	-120	-35	5.92	4.95	4.5	4.08	3.64	3.15	2.59
D	6	2301.4	-31.74	134.79	480980.16	6488062.95	257.12	202.98	114.94	120	142.18	54502.59	0.1	2.34	-2.81	-121.68	-32.96	0	0	-120	-35	5.94	4.97	4.52	4.1	3.65	3.16	2.6
D	6	2301.6	-31.74	134.79	480980.36	6488049.27	257.19	203.26	116.02	120	141.17	54501.86	0.1	2.29	-3.3	-121.62	-33.07	0	0	-120	-35	5.97	5	4.54	4.12	3.67	3.18	2.61
D	6	2301.8	-31.74	134.79	480980.59	6488035.6	257.26	203.6	117.11	120	140.15	54501.06	0.11	2.27	-3.77	-121.53	-33.21	0	0	-120	-35	6.01	5.03	4.57	4.14	3.69	3.19	2.62
D	6	2302	-31.74	134.79	480980.84	6488021.93	257.31	203.92	118.01	120	139.3	54500.25	0.11	2.23	-4.1	-121.4	-33.39	0	0	-120	-35	6.06	5.07	4.6	4.17	3.71	3.21	2.63
D	6	2302.2	-31.74	134.79	480981.1	6488008.26	257.31	204.1	118.65	120	138.67	54499.44	0.11	2.2	-4.07	-121.27	-33.61	0	0	-120	-35	6.12	5.11	4.64	4.2	3.74	3.23	2.65
D	6	2302.4	-31.74	134.79	480981.39	6487994.59	257.29	204.13	119.01	120	138.28	54498.52	0.11	2.18	-3.55	-121.12	-33.8	0	0	-120	-35	6.17	5.15	4.67	4.23	3.76	3.25	2.66
D	6	2302.6	-31.74	134.79	480981.69	6487980.93	257.25	204.05	119.16	120	138.09	54497.45	0.11	2.12	-2.83	-120.96	-34.04	0	0	-120	-35	6.22	5.18	4.7	4.26	3.78	3.27	2.68
D	6	2302.8	-31.74	134.79	480981.99	6487967.27	257.19	203.87	119.13	120	138.06	54496.19	0.11	2.03	-2.03	-120.83	-34.2	0	0	-120	-35	6.24	5.21	4.72	4.27	3.8	3.28	2.69
D	6	2303	-31.74	134.79	480982.29	6487953.61	257.13	203.64	118.95	120	138.18	54494.76	0.11	1.93	-1.19	-120.74	-34.37	0	0	-120	-35	6.25	5.21	4.72	4.27	3.8	3.28	2.69
D	6	2303.2	-31.74	134.79	480982.6	6487939.95	257.06	203.4	118.67	120	138.39	54493.15	0.11	1.83	-0.31	-120.64	-34.5	0	0	-120	-35	6.24	5.21	4.72	4.27	3.8	3.28	2.69
D	6	2303.4	-31.74	134.79	480982.9	6487926.3	256.99	203.17	118.32	120	138.67	54491.35	0.1	1.74	0.48	-120.61	-34.61	0	0	-120	-35	6.23	5.2	4.71	4.27	3.79	3.28	2.69
D	6	2303.6	-31.74	134.79	480983.2	6487912.65	256.92	203	117.91	120	139	54489.35	0.09	1.68	1.04	-120.59	-34.76	0	0	-120	-35	6.23	5.2	4.71	4.27	3.79	3.28	2.7
D	6	2303.8	-31.74	134.79	480983.49	6487898.99	256.85	202.92	117.48	120	139.37	54487.15	0.08	1.63	1.44	-120.57	-34.85	0	0	-120	-35	6.24	5.22	4.72	4.28	3.81	3.3	2.72
D	6	2304	-31.74	134.79	480983.79	6487885.34	256.8	202.92	117.01	120	139.79	54484.76	0.07	1.56	1.78	-120.57	-34.98	0	0	-120	-35	6.28	5.24	4.74	4.31	3.83	3.32	2.75
D	6	2304.2	-31.74	134.79	480984.08	6487871.69	256.77	202.99	116.53	120	140.24	54482.22	0.06	1.48	1.99	-120.59	-35.09	0	0	-120	-35	6.34	5.28	4.78	4.34	3.87	3.3	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2312	-31.74	134.79	480988.1	6487340.14	259.71	206.77	112.8	120	146.91	54452.68	-0.06	1.68	-2.46	-119.44	-35.35	0	0	-120	-35	6.47	5.02	4.45	4.01	3.55	3.09	2.6
D	6	2312.2	-31.74	134.79	480988.25	6487326.57	259.77	206.53	112.78	120	146.99	54453.71	-0.06	1.69	-2.33	-119.46	-35.2	0	0	-120	-35	6.42	4.98	4.42	3.98	3.53	3.07	2.59
D	6	2312.4	-31.74	134.79	480988.4	6487313	259.81	206.36	112.58	120	147.23	54454.71	-0.05	1.67	-2.31	-119.48	-35.05	0	0	-120	-35	6.38	4.96	4.4	3.97	3.53	3.07	2.59
D	6	2312.6	-31.74	134.79	480988.57	6487299.42	259.82	206.28	112.17	120	147.65	54455.66	-0.05	1.64	-2.3	-119.54	-34.92	0	0	-120	-35	6.35	4.95	4.4	3.97	3.53	3.08	2.6
D	6	2312.8	-31.74	134.79	480988.75	6487285.85	259.82	206.28	111.58	120	148.24	54456.57	-0.05	1.61	-2.29	-119.62	-34.78	0	0	-120	-35	6.32	4.93	4.4	3.97	3.54	3.09	2.6
D	6	2313	-31.74	134.79	480988.94	6487272.27	259.81	206.39	110.8	120	149.01	54457.5	-0.04	1.54	-2.32	-119.76	-34.65	0	0	-120	-35	6.28	4.92	4.39	3.97	3.54	3.09	2.61
D	6	2313.2	-31.74	134.79	480989.15	6487258.7	259.79	206.61	109.93	120	149.85	54458.52	-0.04	1.46	-2.23	-119.89	-34.47	0	0	-120	-35	6.23	4.89	4.38	3.97	3.54	3.1	2.62
D	6	2313.4	-31.75	134.79	480989.37	6487245.12	259.76	206.87	109.15	120	150.61	54459.63	-0.03	1.44	-1.91	-120.1	-34.28	0	0	-120	-35	6.18	4.86	4.37	3.96	3.54	3.1	2.62
D	6	2313.6	-31.75	134.79	480989.58	6487231.54	259.72	207.11	108.67	120	151.05	54460.78	-0.03	1.52	-1.31	-120.33	-34.02	0	0	-120	-35	6.13	4.82	4.34	3.94	3.53	3.09	2.62
D	6	2313.8	-31.75	134.79	480989.78	6487217.95	259.66	207.29	108.69	120	150.97	54461.9	-0.02	1.63	-0.39	-120.57	-33.71	0	0	-120	-35	6.08	4.79	4.32	3.93	3.52	3.09	2.62
D	6	2314	-31.75	134.79	480989.95	6487204.36	259.58	207.33	109.25	120	150.33	54462.98	-0.01	1.75	0.66	-120.81	-33.43	0	0	-120	-35	6.05	4.76	4.31	3.92	3.51	3.08	2.63
D	6	2314.2	-31.75	134.79	480990.09	6487190.77	259.48	207.25	110.25	120	149.23	54464.03	-0.01	1.93	1.52	-121.05	-33.11	0	0	-120	-35	6.04	4.75	4.3	3.91	3.51	3.08	2.63
D	6	2314.4	-31.75	134.79	480990.21	6487177.17	259.36	207.04	111.48	120	147.88	54465.04	0	2.12	2.1	-121.26	-32.8	0	0	-120	-35	6.04	4.75	4.3	3.92	3.51	3.09	2.64
D	6	2314.6	-31.75	134.79	480990.3	6487163.56	259.25	206.67	112.74	120	146.51	54465.95	0	2.3	2.44	-121.43	-32.59	0	0	-120	-35	6.04	4.75	4.31	3.92	3.52	3.1	2.65
D	6	2314.8	-31.75	134.79	480990.37	6487149.95	259.16	206.2	113.9	120	145.26	54466.74	0.01	2.52	2.54	-121.55	-32.41	0	0	-120	-35	6.05	4.76	4.32	3.94	3.53	3.11	2.66
D	6	2315	-31.75	134.79	480990.42	6487136.35	259.11	205.72	114.92	120	144.19	54467.44	0.01	2.79	2.39	-121.63	-32.28	0	0	-120	-35	6.06	4.78	4.33	3.95	3.54	3.12	2.67
D	6	2315.2	-31.75	134.79	480990.46	6487122.75	259.11	205.36	115.82	120	143.29	54468.09	0.01	3.06	2.03	-121.68	-32.24	0	0	-120	-35	6.05	4.79	4.35	3.97	3.56	3.14	2.68
D	6	2315.4	-31.75	134.79	480990.49	6487109.14	259.15	205.24	116.61	120	142.54	54468.66	0.01	3.26	1.64	-121.71	-32.26	0	0	-120	-35	6.04	4.81	4.37	3.99	3.58	3.15	2.7
D	6	2315.6	-31.75	134.79	480990.5	6487095.55	259.23	205.34	117.31	120	141.93	54469.08	0.01	3.4	1.3	-121.71	-32.37	0	0	-120	-35	6.03	4.82	4.38	4.01	3.6	3.17	2.71
D	6	2315.8	-31.75	134.79	480990.5	6487081.96	259.33	205.63	117.88	120	141.45	54469.34	0.01	3.5	1.03	-121.69	-32.49	0	0	-120	-35	6.01	4.84	4.4	4.02	3.62	3.19	2.72
D	6	2316	-31.75	134.79	480990.48	6487068.38	259.44	205.97	118.33	120	141.1	54469.47	0.01	3.62	0.87	-121.66	-32.69	0	0	-120	-35	5.99	4.84	4.41	4.04	3.63	3.2	2.73
D	6	2316.2	-31.75	134.79	480990.45	6487054.81	259.54	206.27	118.67	120	140.87	54469.47	0.01	3.75	0.86	-121.59	-32.91	0	0	-120	-35	5.97	4.85	4.42	4.05	3.64	3.21	2.74
D	6	2316.4	-31.75	134.79	480990.41	6487041.25	259.66	206.46	118.87	120	140.78	54469.36	0	3.88	0.92	-121.53	-33.18	0	0	-120	-35	5.93	4.84	4.42	4.06	3.65	3.22	2.75
D	6	2316.6	-31.75	134.79	480990.37	6487027.7	259.8	206.49	118.96	120	140.84	54469.14	-0.01	4.03	1.03	-121.48	-33.48	0	0	-120	-35	5.89	4.83	4.41	4.05	3.65	3.22	2.75
D	6	2316.8	-31.75	134.79	480990.32	6487014.16	259.98	206.35	118.98	120	141	54468.84	-0.01	4.18	1.11	-121.37	-33.83	0	0	-120	-35	5.83	4.8	4.4	4.04	3.64	3.21	2.74
D	6	2317	-31.75	134.79	480990.28	6487000.63	260.21	206.11	118.9	120	141.31	54468.48	-0.02	4.31	1.05	-121.24	-34.24	0	0	-120	-35	5.78	4.77	4.38	4.02	3.63	3.2	2.73
D	6	2317.2	-31.75	134.79	480990.25	6486987.11	260.5	205.94	118.79	120	141.71	54468.1	-0.03	4.42	0.95	-121.08	-34.72	0	0	-120	-35	5.72	4.74	4.35	4	3.61	3.18	2.72
D	6	2317.4	-31.75	134.79	480990.22	6486973.6	260.83	205.93	118.65	120	142.18	54467.76	-0.04	4.49	0.79	-120.91	-35.3	0	0	-120	-35	5.67	4.71	4.33	3.98	3.59	3.17	2.71
D	6	2317.6	-31.75	134.79	480990.2	6486960.11	261.21	206.21	118.49	120	142.73	54467.49	-0.04	4.52	0.51	-120.65	-35.94	0	0	-120	-35	5.63	4.68	4.3	3.96	3.57	3.15	2.69
D	6	2317.8	-31.75	134.79	480990.2	6486946.62	261.63	206.79	118.32	120	143.32	54467.29	-0.05	4.45	0.17	-120.36	-36.67	0	0	-120	-35	5.62	4.67	4.29	3.95	3.56	3.14	2.68
D	6	2318	-31.75	134.79	480990.2	6486933.15	262.08	207.51	118.13	120	143.95	54467.16	-0.05	4.28	-0.11	-120.02	-37.46	0	0	-120	-35	5.63	4.67	4.28	3.94	3.55	3.13	2.68
D	6	2318.2	-31.75	134.79	480990.22	6486919.7	262.55	208.28	117.89	120	144.66	54467.1	-0.06	4.08	-0.3	-119.6	-38.25	0	0	-120	-35	5.65	4.67	4.28	3.94	3.55	3.13	2.67
D	6	2318.4	-31.75	134.79	480990.25	6486906.25	263.05	208.98	117.59	120	145.46	54467.12	-0.06	3.86	-0.29	-119.18	-39	0	0	-120	-35	5.68	4.66	4.28	3.93	3.54	3.12	2.66
D	6	2318.6	-31.75	134.79	480990.29	6486892.82	263.56	209.57	117.17	120	146.39	54467.17	-0.06	3.64	-0.15	-118.73	-39.65	0	0	-120	-35	5.7	4.66	4.26	3.91	3.52	3.1	2.64
D	6	2318.8	-31.75	134.79	480990.34	6486879.4	264.06	210.09	116.57	120	147.49	54467.24	-0.06	3.44	-0.02	-118.32	-40.21	0	0	-120	-35	5.7	4.63	4.24	3.88	3.49	3.07	2.62
D	6	2319	-31.75	134.79	480990.39	6486865.99	264.55	210.59	115.78	120	148.77	54467.32	-0.06	3.29	0.04	-117.94	-40.59	0	0	-120	-35	5.68	4.59	4.2	3.83	3.45	3.03	2.59
D	6	2319.2	-31.75	134.79	480990.44	6486852.59	265.02	211.07	114.83	120	150.19	54467.47	-0.06	3.15	0.07	-117.62	-40.84	0	0	-120	-35	5.64	4.53	4.13	3.77	3.38	2.97	2.54
D	6	2319.4	-31.75	134.79	480990.49	6486839.19	265.46	211.55	113.8	120	151.66	54467.7	-0.06	3.02	0.2	-117.38	-40.94	0	0	-120	-35	5.57	4.46	4.06	3.7	3.32	2.91	2.49
D	6	2319.6	-31.75	134.79	480990.55	6486825.8	265.88	212	112.93	120	152.95	54467.96	-0.07	2.9	0.46	-117.22	-40.95	0	0	-120	-35	5.5	4.38	3.98	3.62	3.24	2.85	2.43
D	6	2319.8	-31.75	134.79	480990.61	6486812.43	266.29	212.43	112.44	120	153.86	54468.22	-0.07	2.8	0.74	-117.13	-40.87	0	0	-120	-35	5.42	4.3	3.9	3.54	3.17	2.78	2.38
D	6	2320	-31.75	134.79	480990.67	6486799.06	266.7	212.88	112.53	120	154.17	54468.53	-0.07	2.73	0.88	-117.06	-40.73	0	0	-120	-35	5.36	4.23	3.83	3.47	3.11	2.73	2.33
D	6	2320.2	-31.75	134.79	480990.73	6486785.69	267.1	213.36	113.29	120	153.81	54468.9	-0.07	2.66	0.82	-117.07	-40.49	0	0	-120	-35	5.29	4.17	3.76	3.41	3.05	2.67	2.29
D	6	2320.4	-31.75	134.79	480990.79	6486772.34	267.5	213.87	114.61	120	152.88	54469.27	-0.07	2.58	0.61	-117.1	-40.24	0	0	-120	-35	5.24	4.11	3.7	3.35	2.99	2.62	2.25
D	6	2320.6	-31.75	134.79	480990.86	6486758.98	267.87	214.38	116.29	120	151.57	54469.57	-0.07	2.52	0.17	-117.16	-39.89	0	0	-120	-35	5.2	4.05	3.64	3.3	2.95		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2328.4	-31.75	134.79	480995.68	6486236.08	263.05	209.68	118.04	120	145.01	54503.11	-0.03	2.09	0.43	-120.56	-34.01	0	0	-120	-35	5.54	4.37	3.95	3.6	3.25	2.88	2.5
D	6	2328.6	-31.75	134.79	480995.72	6486222.59	262.9	209.37	119.71	120	143.2	54504.14	-0.03	2.17	0.44	-120.47	-34.17	0	0	-120	-35	5.48	4.36	3.95	3.6	3.25	2.88	2.5
D	6	2328.8	-31.75	134.79	480995.77	6486209.11	262.77	209.11	121.18	120	141.58	54505.25	-0.03	2.27	0.47	-120.39	-34.31	0	0	-120	-35	5.41	4.34	3.93	3.6	3.24	2.87	2.5
D	6	2329	-31.75	134.79	480995.82	6486195.62	262.65	208.87	122.46	120	140.19	54506.43	-0.03	2.36	0.49	-120.34	-34.44	0	0	-120	-35	5.33	4.31	3.92	3.58	3.23	2.87	2.49
D	6	2329.2	-31.75	134.79	480995.88	6486182.14	262.56	208.63	123.55	120	139.01	54507.59	-0.03	2.45	0.54	-120.3	-34.58	0	0	-120	-35	5.23	4.28	3.9	3.57	3.22	2.86	2.49
D	6	2329.4	-31.75	134.79	480995.95	6486168.66	262.48	208.41	124.47	120	138.02	54508.68	-0.03	2.55	0.59	-120.27	-34.73	0	0	-120	-35	5.14	4.24	3.88	3.56	3.21	2.85	2.48
D	6	2329.6	-31.75	134.79	480996.03	6486155.19	262.44	208.24	125.24	120	137.2	54509.7	-0.03	2.64	0.47	-120.2	-34.91	0	0	-120	-35	5.05	4.21	3.86	3.55	3.21	2.85	2.48
D	6	2329.8	-31.76	134.79	480996.12	6486141.71	262.43	208.16	125.9	120	136.53	54510.77	-0.03	2.7	0.14	-120.17	-35.14	0	0	-120	-35	4.97	4.19	3.85	3.54	3.21	2.85	2.48
D	6	2330	-31.76	134.79	480996.23	6486128.24	262.45	208.27	126.46	120	135.99	54511.98	-0.02	2.72	-0.17	-120.08	-35.37	0	0	-120	-35	4.91	4.18	3.85	3.54	3.21	2.85	2.48
D	6	2330.2	-31.76	134.79	480996.36	6486114.77	262.52	208.51	126.92	120	135.6	54513.29	-0.02	2.67	-0.22	-120.03	-35.61	0	0	-120	-35	4.86	4.17	3.84	3.54	3.21	2.86	2.49
D	6	2330.4	-31.76	134.79	480996.5	6486101.31	262.62	208.86	127.25	120	135.37	54514.58	-0.02	2.59	-0.05	-119.96	-35.87	0	0	-120	-35	4.83	4.16	3.84	3.54	3.21	2.86	2.49
D	6	2330.6	-31.76	134.79	480996.64	6486087.85	262.75	209.27	127.42	120	135.32	54515.79	-0.02	2.49	0.13	-119.9	-36.07	0	0	-120	-35	4.8	4.16	3.84	3.54	3.21	2.86	2.49
D	6	2330.8	-31.76	134.79	480996.79	6486074.39	262.86	209.65	127.4	120	135.46	54516.91	-0.02	2.4	0.21	-119.87	-36.22	0	0	-120	-35	4.78	4.15	3.83	3.54	3.21	2.86	2.49
D	6	2331	-31.76	134.79	480996.93	6486060.93	262.96	210.03	127.18	120	135.78	54518.01	-0.02	2.34	0.13	-119.83	-36.3	0	0	-120	-35	4.75	4.13	3.81	3.53	3.2	2.85	2.48
D	6	2331.2	-31.76	134.79	480997.06	6486047.47	263.04	210.37	126.78	120	136.26	54519.21	-0.01	2.29	0.08	-119.82	-36.34	0	0	-120	-35	4.72	4.11	3.79	3.51	3.18	2.84	2.47
D	6	2331.4	-31.76	134.79	480997.18	6486034.01	263.08	210.64	126.19	120	136.89	54520.56	-0.01	2.31	0.25	-119.83	-36.32	0	0	-120	-35	4.69	4.09	3.77	3.49	3.16	2.82	2.46
D	6	2331.6	-31.76	134.79	480997.28	6486020.55	263.11	210.81	125.45	120	137.66	54522.04	-0.01	2.36	0.62	-119.84	-36.29	0	0	-120	-35	4.66	4.06	3.75	3.46	3.14	2.8	2.45
D	6	2331.8	-31.76	134.79	480997.36	6486007.09	263.11	210.83	124.54	120	138.57	54523.52	-0.01	2.43	1.07	-119.88	-36.23	0	0	-120	-35	4.64	4.04	3.73	3.44	3.13	2.79	2.43
D	6	2332	-31.76	134.79	480997.41	6485993.63	263.1	210.77	123.44	120	139.65	54524.91	0	2.42	1.41	-119.92	-36.17	0	0	-120	-35	4.62	4.01	3.71	3.42	3.11	2.77	2.42
D	6	2332.2	-31.76	134.79	480997.43	6485980.16	263.07	210.64	122.18	120	140.89	54526.2	0.01	2.35	1.47	-119.97	-36.09	0	0	-120	-35	4.61	4	3.7	3.41	3.1	2.76	2.41
D	6	2332.4	-31.76	134.79	480997.42	6485966.69	263.02	210.48	120.76	120	142.26	54527.49	0.01	2.23	1.25	-120	-35.98	0	0	-120	-35	4.62	3.99	3.69	3.4	3.09	2.75	2.4
D	6	2332.6	-31.76	134.79	480997.39	6485953.22	262.96	210.29	119.28	120	143.68	54528.81	0.01	2.09	0.93	-120.05	-35.89	0	0	-120	-35	4.64	3.99	3.69	3.4	3.09	2.75	2.4
D	6	2332.8	-31.76	134.79	480997.35	6485939.75	262.88	210.02	117.92	120	144.97	54530.12	0.02	1.95	0.61	-120.11	-35.79	0	0	-120	-35	4.66	3.99	3.7	3.4	3.08	2.74	2.4
D	6	2333	-31.76	134.79	480997.3	6485926.28	262.8	209.67	116.86	120	145.94	54531.41	0.02	1.83	0.28	-120.16	-35.69	0	0	-120	-35	4.69	4	3.71	3.4	3.09	2.74	2.4
D	6	2333.2	-31.76	134.79	480997.24	6485912.81	262.7	209.28	116.27	120	146.44	54532.67	0.03	1.74	-0.02	-120.2	-35.6	0	0	-120	-35	4.72	4.01	3.71	3.4	3.09	2.74	2.39
D	6	2333.4	-31.76	134.79	480997.18	6485899.33	262.6	208.89	116.22	120	146.37	54533.88	0.03	1.64	-0.18	-120.24	-35.51	0	0	-120	-35	4.75	4.02	3.71	3.41	3.09	2.74	2.39
D	6	2333.6	-31.76	134.79	480997.13	6485885.85	262.49	208.59	116.65	120	145.84	54534.96	0.04	1.52	-0.19	-120.28	-35.41	0	0	-120	-35	4.77	4.03	3.72	3.4	3.08	2.74	2.39
D	6	2333.8	-31.76	134.79	480997.08	6485872.38	262.38	208.4	117.4	120	144.98	54535.87	0.04	1.39	-0.18	-120.34	-35.32	0	0	-120	-35	4.8	4.04	3.72	3.4	3.08	2.74	2.39
D	6	2334	-31.76	134.79	480997.05	6485858.89	262.29	208.35	118.32	120	143.97	54536.64	0.04	1.28	-0.22	-120.36	-35.28	0	0	-120	-35	4.82	4.05	3.72	3.41	3.09	2.74	2.39
D	6	2334.2	-31.76	134.79	480997.04	6485845.41	262.2	208.42	119.25	120	142.96	54537.32	0.04	1.18	-0.29	-120.4	-35.19	0	0	-120	-35	4.86	4.07	3.73	3.41	3.09	2.74	2.4
D	6	2334.4	-31.76	134.79	480997.05	6485831.91	262.13	208.56	120.12	120	142.01	54537.87	0.04	1.05	-0.4	-120.44	-35.11	0	0	-120	-35	4.89	4.09	3.74	3.43	3.1	2.75	2.4
D	6	2334.6	-31.76	134.79	480997.06	6485818.42	262.05	208.71	120.89	120	141.16	54538.23	0.03	0.92	-0.49	-120.47	-35.03	0	0	-120	-35	4.94	4.12	3.76	3.44	3.11	2.76	2.41
D	6	2334.8	-31.76	134.79	480997.07	6485804.92	261.97	208.77	121.57	120	140.4	54538.39	0.02	0.82	-0.51	-120.5	-34.96	0	0	-120	-35	4.98	4.14	3.78	3.46	3.13	2.78	2.43
D	6	2335	-31.76	134.79	480997.08	6485791.42	261.87	208.74	122.18	120	139.69	54538.46	0.02	0.78	-0.49	-120.53	-34.85	0	0	-120	-35	5.02	4.16	3.8	3.48	3.15	2.79	2.44
D	6	2335.2	-31.76	134.79	480997.08	6485777.91	261.75	208.61	122.74	120	139.01	54538.54	0.01	0.79	-0.35	-120.53	-34.71	0	0	-120	-35	5.05	4.18	3.82	3.5	3.16	2.8	2.44
D	6	2335.4	-31.76	134.79	480997.08	6485764.4	261.62	208.46	123.26	120	138.35	54538.66	0	0.83	0	-120.51	-34.56	0	0	-120	-35	5.06	4.18	3.83	3.51	3.16	2.8	2.45
D	6	2335.6	-31.76	134.79	480997.06	6485750.89	261.46	208.34	123.76	120	137.7	54538.76	-0.01	0.85	0.43	-120.55	-34.36	0	0	-120	-35	5.06	4.18	3.83	3.5	3.16	2.8	2.45
D	6	2335.8	-31.76	134.79	480997.03	6485737.36	261.28	208.26	124.22	120	137.06	54538.85	-0.01	0.84	0.77	-120.56	-34.15	0	0	-120	-35	5.03	4.16	3.82	3.5	3.16	2.8	2.44
D	6	2336	-31.76	134.79	480996.97	6485723.83	261.07	208.19	124.6	120	136.47	54538.94	-0.01	0.8	0.98	-120.63	-33.88	0	0	-120	-35	4.99	4.14	3.8	3.49	3.15	2.79	2.44
D	6	2336.2	-31.76	134.79	480996.9	6485710.3	260.83	208.08	124.89	120	135.94	54539.09	-0.02	0.74	1.05	-120.71	-33.61	0	0	-120	-35	4.94	4.12	3.79	3.47	3.14	2.79	2.43
D	6	2336.4	-31.76	134.79	480996.81	6485696.75	260.57	207.88	125.03	120	135.54	54539.37	-0.02	0.71	0.98	-120.78	-33.35	0	0	-120	-35	4.91	4.1	3.79	3.47	3.14	2.78	2.43
D	6	2336.6	-31.76	134.79	480996.69	6485683.2	260.3	207.54	124.97	120	135.33	54539.84	-0.02	0.71	0.85	-120.89	-33.11	0	0	-120	-35	4.88	4.1	3.79	3.47	3.14	2.79	2.44
D	6	2336.8	-31.76	134.79	480996.55	6485669.64	260.01	207.08	124.68	120	135.32	54540.53	-0.02	0.74	0.86	-121.02	-32.9	0	0	-120	-35	4.89	4.12	3.81	3.49	3.16	2.81	2.45
D	6	2337	-31.76	134.79	480996.39	6485656.07	259.71	206.54	124.15	120	135.56	54541.33	-0.01	0.8	1.01	-121.17	-32.72	0	0	-120	-35	4.91	4.15	3.84	3.52	3		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2344.8	-31.76	134.79	480989.96	6485125.33	254.5	201.14	109.28	120	145.23	54552.4	-0.07	1.18	-1.91	-120.82	-32.77	0	0	-120	-35	5.6	4.69	4.33	4.01	3.63	3.24	2.84
D	6	2345	-31.76	134.79	480989.85	6485111.69	254.33	200.88	110.59	120	143.74	54552.51	-0.07	1.34	-1.96	-120.94	-32.54	0	0	-120	-35	5.64	4.72	4.35	4.02	3.65	3.26	2.86
D	6	2345.2	-31.76	134.79	480989.74	6485098.05	254.15	200.64	111.85	120	142.3	54552.66	-0.08	1.57	-1.86	-121.05	-32.31	0	0	-120	-35	5.68	4.73	4.36	4.04	3.67	3.28	2.87
D	6	2345.4	-31.76	134.79	480989.64	6485084.41	253.97	200.44	112.93	120	141.04	54552.79	-0.09	1.83	-1.6	-121.16	-32.14	0	0	-120	-35	5.71	4.75	4.37	4.05	3.68	3.29	2.89
D	6	2345.6	-31.76	134.79	480989.55	6485070.77	253.81	200.28	113.74	120	140.08	54552.9	-0.09	2.09	-1.24	-121.23	-32	0	0	-120	-35	5.73	4.76	4.39	4.06	3.7	3.31	2.9
D	6	2345.8	-31.76	134.79	480989.47	6485057.13	253.7	200.16	114.29	120	139.41	54553.05	-0.1	2.3	-0.91	-121.3	-31.96	0	0	-120	-35	5.76	4.78	4.41	4.08	3.71	3.32	2.92
D	6	2346	-31.76	134.79	480989.39	6485043.49	253.64	200.07	114.66	120	138.98	54553.3	-0.11	2.49	-0.71	-121.32	-32.02	0	0	-120	-35	5.78	4.8	4.43	4.1	3.74	3.35	2.94
D	6	2346.2	-31.77	134.79	480989.32	6485029.85	253.65	200.06	114.87	120	138.78	54553.64	-0.12	2.63	-0.66	-121.32	-32.15	0	0	-120	-35	5.81	4.82	4.46	4.13	3.76	3.37	2.96
D	6	2346.4	-31.77	134.79	480989.26	6485016.21	253.73	200.1	114.98	120	138.75	54554.08	-0.12	2.67	-0.74	-121.31	-32.34	0	0	-120	-35	5.84	4.85	4.49	4.15	3.79	3.39	2.98
D	6	2346.6	-31.77	134.79	480989.21	6485002.58	253.84	200.15	114.99	120	138.85	54554.63	-0.13	2.64	-0.87	-121.24	-32.58	0	0	-120	-35	5.86	4.87	4.51	4.18	3.81	3.42	3
D	6	2346.8	-31.77	134.79	480989.16	6484988.94	253.96	200.23	114.9	120	139.06	54555.35	-0.13	2.59	-0.99	-121.17	-32.86	0	0	-120	-35	5.87	4.88	4.54	4.2	3.83	3.43	3.02
D	6	2347	-31.77	134.79	480989.13	6484975.31	254.08	200.3	114.72	120	139.36	54556.19	-0.13	2.55	-1.08	-121.06	-33.12	0	0	-120	-35	5.87	4.89	4.55	4.21	3.84	3.44	3.03
D	6	2347.2	-31.77	134.79	480989.09	6484961.69	254.18	200.42	114.43	120	139.75	54557.11	-0.13	2.54	-1.33	-120.96	-33.43	0	0	-120	-35	5.85	4.89	4.55	4.22	3.84	3.45	3.03
D	6	2347.4	-31.77	134.79	480989.07	6484948.07	254.27	200.6	114.02	120	140.26	54558.1	-0.14	2.53	-1.83	-120.81	-33.66	0	0	-120	-35	5.83	4.88	4.55	4.21	3.84	3.45	3.03
D	6	2347.6	-31.77	134.79	480989.06	6484934.45	254.35	200.79	113.49	120	140.85	54559.2	-0.14	2.52	-2.48	-120.69	-33.86	0	0	-120	-35	5.8	4.88	4.54	4.21	3.84	3.44	3.03
D	6	2347.8	-31.77	134.79	480989.07	6484920.83	254.4	200.94	112.89	120	141.51	54560.47	-0.14	2.5	-3.16	-120.57	-34.05	0	0	-120	-35	5.78	4.87	4.53	4.2	3.83	3.44	3.03
D	6	2348	-31.77	134.79	480989.09	6484907.22	254.41	201	112.29	120	142.12	54561.94	-0.13	2.46	-3.79	-120.45	-34.19	0	0	-120	-35	5.76	4.87	4.52	4.2	3.83	3.44	3.02
D	6	2348.2	-31.77	134.79	480989.14	6484893.62	254.39	200.95	111.79	120	142.6	54563.6	-0.13	2.46	-4.13	-120.33	-34.32	0	0	-120	-35	5.76	4.87	4.52	4.2	3.83	3.44	3.02
D	6	2348.4	-31.77	134.79	480989.21	6484880.02	254.33	200.87	111.53	120	142.8	54565.41	-0.13	2.46	-4.15	-120.24	-34.43	0	0	-120	-35	5.76	4.88	4.53	4.21	3.84	3.44	3.03
D	6	2348.6	-31.77	134.79	480989.3	6484866.42	254.25	200.8	111.57	120	142.68	54567.32	-0.12	2.45	-4.08	-120.15	-34.58	0	0	-120	-35	5.78	4.89	4.54	4.22	3.85	3.45	3.03
D	6	2348.8	-31.77	134.79	480989.42	6484852.82	254.17	200.77	111.88	120	142.29	54569.32	-0.12	2.45	-4.01	-120.06	-34.74	0	0	-120	-35	5.81	4.91	4.56	4.23	3.86	3.46	3.04
D	6	2349	-31.77	134.79	480989.57	6484839.23	254.1	200.77	112.42	120	141.68	54571.38	-0.11	2.48	-3.76	-119.99	-34.92	0	0	-120	-35	5.84	4.93	4.58	4.25	3.88	3.48	3.05
D	6	2349.2	-31.77	134.79	480989.75	6484825.64	254.04	200.78	113.1	120	140.94	54573.49	-0.1	2.51	-3.51	-119.94	-35.13	0	0	-120	-35	5.87	4.95	4.6	4.26	3.89	3.49	3.06
D	6	2349.4	-31.77	134.79	480989.96	6484812.05	253.99	200.77	113.89	120	140.1	54575.72	-0.1	2.57	-3.51	-119.88	-35.37	0	0	-120	-35	5.89	4.96	4.62	4.28	3.91	3.5	3.07
D	6	2349.6	-31.77	134.79	480990.2	6484798.47	253.96	200.73	114.81	120	139.15	54578.09	-0.09	2.61	-3.57	-119.84	-35.59	0	0	-120	-35	5.91	4.97	4.63	4.29	3.92	3.51	3.07
D	6	2349.8	-31.77	134.79	480990.46	6484784.88	253.98	200.7	115.89	120	138.09	54580.61	-0.08	2.61	-3.65	-119.77	-35.84	0	0	-120	-35	5.92	4.98	4.64	4.3	3.92	3.51	3.08
D	6	2350	-31.77	134.79	480990.75	6484771.3	254.05	200.67	117.1	120	136.95	54583.26	-0.07	2.54	-3.62	-119.73	-36.07	0	0	-120	-35	5.91	4.98	4.64	4.3	3.92	3.51	3.08
D	6	2350.2	-31.77	134.79	480991.07	6484757.71	254.17	200.72	118.31	120	135.87	54585.99	-0.06	2.4	-3.49	-119.67	-36.27	0	0	-120	-35	5.89	4.98	4.63	4.29	3.92	3.51	3.07
D	6	2350.4	-31.77	134.79	480991.4	6484744.13	254.35	200.88	119.39	120	134.96	54588.73	-0.04	2.22	-3.31	-119.61	-36.43	0	0	-120	-35	5.86	4.96	4.62	4.29	3.91	3.5	3.07
D	6	2350.6	-31.77	134.79	480991.76	6484730.55	254.55	201.1	120.23	120	134.32	54591.41	-0.03	2.04	-3.15	-119.56	-36.6	0	0	-120	-35	5.82	4.95	4.6	4.27	3.9	3.49	3.06
D	6	2350.8	-31.77	134.79	480992.14	6484716.97	254.75	201.37	120.79	120	133.96	54594.01	-0.02	1.87	-3.14	-119.5	-36.67	0	0	-120	-35	5.76	4.92	4.57	4.26	3.88	3.48	3.04
D	6	2351	-31.77	134.79	480992.53	6484703.4	254.91	201.61	121.14	120	133.78	54596.53	-0.01	1.77	-3.19	-119.47	-36.68	0	0	-120	-35	5.69	4.88	4.54	4.22	3.86	3.45	3.02
D	6	2351.2	-31.77	134.79	480992.94	6484689.84	255.05	201.81	121.34	120	133.71	54599	-0.01	1.76	-3.24	-119.47	-36.63	0	0	-120	-35	5.61	4.83	4.5	4.19	3.83	3.43	2.99
D	6	2351.4	-31.77	134.79	480993.36	6484676.27	255.15	201.99	121.45	120	133.69	54601.42	0	1.82	-3.22	-119.46	-36.49	0	0	-120	-35	5.53	4.78	4.46	4.15	3.79	3.4	2.96
D	6	2351.6	-31.77	134.79	480993.79	6484662.72	255.22	202.15	121.52	120	133.7	54603.78	0	1.92	-3.05	-119.52	-36.29	0	0	-120	-35	5.44	4.72	4.41	4.11	3.76	3.36	2.93
D	6	2351.8	-31.77	134.79	480994.23	6484649.16	255.26	202.31	121.55	120	133.71	54606.09	0.01	2.02	-2.73	-119.62	-36.02	0	0	-120	-35	5.36	4.66	4.37	4.07	3.72	3.33	2.91
D	6	2352	-31.77	134.79	480994.67	6484635.6	255.28	202.4	121.54	120	133.74	54608.32	0.01	2.14	-2.28	-119.75	-35.72	0	0	-120	-35	5.29	4.61	4.33	4.04	3.69	3.31	2.89
D	6	2352.2	-31.77	134.79	480995.11	6484622.05	255.27	202.41	121.5	120	133.76	54610.49	0.01	2.29	-1.69	-119.93	-35.38	0	0	-120	-35	5.24	4.58	4.31	4.02	3.68	3.3	2.88
D	6	2352.4	-31.77	134.79	480995.55	6484608.49	255.23	202.36	121.47	120	133.77	54612.6	0.01	2.43	-1.01	-120.1	-35.03	0	0	-120	-35	5.22	4.56	4.29	4	3.67	3.29	2.87
D	6	2352.6	-31.77	134.79	480995.99	6484594.94	255.2	202.26	121.43	120	133.77	54614.6	0.02	2.55	-0.29	-120.29	-34.77	0	0	-120	-35	5.21	4.56	4.29	4	3.67	3.29	2.88
D	6	2352.8	-31.77	134.79	480996.41	6484581.39	255.18	202.17	121.38	120	133.79	54616.5	0.02	2.65	0.44	-120.47	-34.59	0	0	-120	-35	5.23	4.57	4.3	4.01	3.68	3.3	2.89
D	6	2353	-31.77	134.79	480996.81	6484567.84	255.19	202.09	121.31	120	133.88	54618.32	0.02	2.75	1.08	-120.62	-34.45	0	0	-120	-35	5.26	4.59	4.31	4.02	3.69	3.31	2.9
D	6	2353.2	-31.77	134.79	480997.2	6484554.29	255.25	202.06	121.16	120	134.09	54620.15	0.02	2.85	1.59	-120.77	-34.4	0	0	-120	-35	5.3	4.61	4.33	4.04	3.71	3.33	2.91
D	6	2353.4	-31.77	134.79	480997.57	6484540.75	255.35	202.06	120.9	120	134.45	54622.01	0.02	2.91	2.11	-120.86	-34.4	0	0	-120	-35	5.34	4.64	4.35	4.05	3.72		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2361.2	-31.77	134.79	481004.76	6484015.71	261.97	209.35	123.31	120	138.65	54657.36	-0.05	2.88	1.26	-119.93	-36.05	0	0	-120	-35	4.73	4.01	3.75	3.51	3.23	2.94	2.61
D	6	2361.4	-31.77	134.79	481004.84	6484002.31	262.18	209.51	123.81	120	138.37	54658.33	-0.05	2.79	2.13	-119.93	-36.03	0	0	-120	-35	4.69	3.98	3.72	3.49	3.21	2.91	2.59
D	6	2361.6	-31.77	134.79	481004.89	6483988.92	262.39	209.65	124.24	120	138.15	54659.26	-0.05	2.67	2.79	-119.94	-35.99	0	0	-120	-35	4.64	3.95	3.7	3.46	3.19	2.9	2.57
D	6	2361.8	-31.77	134.79	481004.92	6483975.53	262.58	209.72	124.61	120	137.98	54660.19	-0.05	2.57	3.2	-119.96	-35.99	0	0	-120	-35	4.6	3.92	3.67	3.44	3.17	2.88	2.56
D	6	2362	-31.77	134.79	481004.91	6483962.14	262.75	209.74	124.93	120	137.82	54661.09	-0.06	2.47	3.49	-119.96	-35.96	0	0	-120	-35	4.56	3.89	3.65	3.42	3.15	2.86	2.55
D	6	2362.2	-31.77	134.79	481004.87	6483948.75	262.89	209.74	125.22	120	137.68	54661.89	-0.06	2.37	3.68	-119.94	-35.89	0	0	-120	-35	4.52	3.87	3.63	3.4	3.14	2.85	2.54
D	6	2362.4	-31.77	134.79	481004.8	6483935.37	263	209.71	125.46	120	137.54	54662.62	-0.07	2.31	3.63	-119.94	-35.86	0	0	-120	-35	4.49	3.85	3.62	3.39	3.13	2.84	2.53
D	6	2362.6	-31.78	134.79	481004.7	6483921.99	263.1	209.69	125.66	120	137.44	54663.38	-0.07	2.28	3.39	-119.94	-35.77	0	0	-120	-35	4.46	3.84	3.6	3.37	3.12	2.83	2.52
D	6	2362.8	-31.78	134.79	481004.57	6483908.6	263.18	209.72	125.75	120	137.42	54664.2	-0.08	2.22	3.16	-119.92	-35.71	0	0	-120	-35	4.43	3.82	3.58	3.36	3.11	2.82	2.51
D	6	2363	-31.78	134.79	481004.43	6483895.22	263.25	209.79	125.7	120	137.55	54665.06	-0.09	2.12	2.96	-119.9	-35.59	0	0	-120	-35	4.4	3.81	3.57	3.35	3.1	2.81	2.5
D	6	2363.2	-31.78	134.79	481004.26	6483881.84	263.32	209.92	125.43	120	137.89	54665.89	-0.1	2.02	2.67	-119.9	-35.46	0	0	-120	-35	4.38	3.79	3.55	3.33	3.09	2.8	2.5
D	6	2363.4	-31.78	134.79	481004.07	6483868.45	263.38	210.07	124.9	120	138.49	54666.7	-0.1	1.93	2.22	-119.91	-35.38	0	0	-120	-35	4.35	3.78	3.54	3.32	3.08	2.8	2.49
D	6	2363.6	-31.78	134.79	481003.87	6483855.06	263.44	210.2	124.12	120	139.31	54667.51	-0.11	1.85	1.71	-119.93	-35.23	0	0	-120	-35	4.34	3.78	3.53	3.32	3.07	2.79	2.49
D	6	2363.8	-31.78	134.79	481003.66	6483841.67	263.48	210.24	123.24	120	140.24	54668.41	-0.12	1.83	1.26	-119.95	-35.13	0	0	-120	-35	4.33	3.78	3.52	3.32	3.07	2.79	2.49
D	6	2364	-31.78	134.79	481003.43	6483828.27	263.5	210.22	122.46	120	141.04	54669.49	-0.13	1.87	0.84	-119.99	-35.02	0	0	-120	-35	4.33	3.79	3.52	3.32	3.07	2.79	2.49
D	6	2364.2	-31.78	134.79	481003.19	6483814.88	263.49	210.17	122.01	120	141.48	54670.82	-0.13	1.94	0.63	-120.04	-34.9	0	0	-120	-35	4.33	3.79	3.52	3.32	3.07	2.8	2.5
D	6	2364.4	-31.78	134.79	481002.95	6483801.47	263.47	210.11	122.06	120	141.4	54672.34	-0.13	2.01	0.82	-120.12	-34.8	0	0	-120	-35	4.34	3.79	3.52	3.32	3.07	2.8	2.5
D	6	2364.6	-31.78	134.79	481002.69	6483788.07	263.43	210.09	122.6	120	140.82	54673.96	-0.14	2.03	1.17	-120.18	-34.71	0	0	-120	-35	4.34	3.8	3.52	3.32	3.07	2.8	2.5
D	6	2364.8	-31.78	134.79	481002.42	6483774.66	263.38	210.11	123.43	120	139.96	54675.67	-0.14	2	1.52	-120.27	-34.61	0	0	-120	-35	4.35	3.8	3.52	3.32	3.07	2.8	2.5
D	6	2365	-31.78	134.79	481002.14	6483761.24	263.34	210.14	124.29	120	139.05	54677.45	-0.14	1.96	1.84	-120.33	-34.52	0	0	-120	-35	4.36	3.8	3.53	3.32	3.07	2.8	2.5
D	6	2365.2	-31.78	134.79	481001.84	6483747.83	263.3	210.2	124.97	120	138.33	54679.31	-0.14	1.93	2.03	-120.38	-34.4	0	0	-120	-35	4.38	3.8	3.53	3.32	3.07	2.8	2.5
D	6	2365.4	-31.78	134.79	481001.53	6483734.41	263.27	210.27	125.39	120	137.88	54681.27	-0.14	1.89	2.08	-120.42	-34.33	0	0	-120	-35	4.4	3.81	3.54	3.33	3.08	2.81	2.5
D	6	2365.6	-31.78	134.79	481001.21	6483720.99	263.21	210.3	125.58	120	137.64	54683.4	-0.14	1.81	1.99	-120.49	-34.23	0	0	-120	-35	4.42	3.81	3.55	3.34	3.09	2.81	2.51
D	6	2365.8	-31.78	134.79	481000.87	6483707.56	263.14	210.31	125.56	120	137.57	54685.72	-0.13	1.7	1.81	-120.54	-34.16	0	0	-120	-35	4.44	3.82	3.56	3.35	3.1	2.82	2.52
D	6	2366	-31.78	134.79	481000.51	6483694.12	263.01	210.24	125.35	120	137.67	54688.2	-0.13	1.57	1.67	-120.59	-34.08	0	0	-120	-35	4.46	3.84	3.57	3.36	3.11	2.83	2.53
D	6	2366.2	-31.78	134.79	481000.13	6483680.68	262.84	210.04	124.91	120	137.93	54690.76	-0.13	1.43	1.52	-120.61	-33.98	0	0	-120	-35	4.48	3.85	3.58	3.37	3.12	2.84	2.53
D	6	2366.4	-31.78	134.79	480999.74	6483667.23	262.63	209.72	124.29	120	138.35	54693.4	-0.13	1.31	1.26	-120.66	-33.91	0	0	-120	-35	4.49	3.85	3.59	3.38	3.13	2.85	2.54
D	6	2366.6	-31.78	134.79	480999.34	6483653.78	262.39	209.28	123.54	120	138.85	54696.14	-0.12	1.22	0.97	-120.69	-33.8	0	0	-120	-35	4.48	3.86	3.6	3.38	3.13	2.86	2.55
D	6	2366.8	-31.78	134.79	480998.93	6483640.31	262.14	208.81	122.79	120	139.35	54698.96	-0.12	1.16	0.68	-120.73	-33.73	0	0	-120	-35	4.47	3.85	3.6	3.38	3.13	2.86	2.55
D	6	2367	-31.78	134.79	480998.52	6483626.84	261.89	208.41	122.1	120	139.79	54701.86	-0.11	1.1	0.37	-120.76	-33.64	0	0	-120	-35	4.45	3.85	3.6	3.39	3.14	2.86	2.56
D	6	2367.2	-31.78	134.79	480998.11	6483613.37	261.65	208.1	121.46	120	140.19	54704.83	-0.11	1.05	0.1	-120.78	-33.54	0	0	-120	-35	4.44	3.85	3.6	3.39	3.14	2.86	2.56
D	6	2367.4	-31.78	134.79	480997.71	6483599.88	261.41	207.9	120.87	120	140.54	54707.91	-0.11	1.01	-0.04	-120.8	-33.5	0	0	-120	-35	4.44	3.86	3.61	3.39	3.15	2.87	2.57
D	6	2367.6	-31.78	134.79	480997.31	6483586.39	261.17	207.74	120.35	120	140.82	54711.06	-0.1	0.97	-0.07	-120.82	-33.42	0	0	-120	-35	4.46	3.87	3.62	3.41	3.16	2.88	2.58
D	6	2367.8	-31.78	134.79	480996.9	6483572.9	260.94	207.63	119.93	120	141.01	54714.23	-0.1	0.92	-0.06	-120.83	-33.39	0	0	-120	-35	4.5	3.9	3.65	3.43	3.18	2.9	2.59
D	6	2368	-31.78	134.79	480996.48	6483559.39	260.71	207.51	119.67	120	141.04	54717.41	-0.1	0.89	-0.06	-120.83	-33.39	0	0	-120	-35	4.56	3.94	3.68	3.47	3.21	2.93	2.62
D	6	2368.2	-31.78	134.79	480996.06	6483545.89	260.47	207.35	119.55	120	140.92	54720.66	-0.09	0.91	0	-120.84	-33.37	0	0	-120	-35	4.62	3.98	3.72	3.5	3.24	2.96	2.64
D	6	2368.4	-31.78	134.79	480995.64	6483532.37	260.24	207.18	119.53	120	140.71	54724.03	-0.09	0.94	0.29	-120.83	-33.38	0	0	-120	-35	4.68	4.02	3.76	3.53	3.28	2.99	2.67
D	6	2368.6	-31.78	134.79	480995.2	6483518.85	260.02	206.99	119.6	120	140.42	54727.54	-0.08	0.97	0.86	-120.81	-33.4	0	0	-120	-35	4.74	4.05	3.79	3.56	3.3	3.01	2.69
D	6	2368.8	-31.78	134.79	480994.74	6483505.32	259.82	206.81	119.75	120	140.07	54731.13	-0.08	0.99	1.45	-120.8	-33.42	0	0	-120	-35	4.78	4.08	3.82	3.59	3.33	3.03	2.71
D	6	2369	-31.78	134.79	480994.26	6483491.78	259.63	206.67	119.96	120	139.67	54734.74	-0.08	1.03	1.86	-120.78	-33.45	0	0	-120	-35	4.82	4.11	3.84	3.61	3.34	3.05	2.72
D	6	2369.2	-31.78	134.79	480993.75	6483478.23	259.46	206.52	120.17	120	139.29	54738.35	-0.07	1.08	2.08	-120.75	-33.48	0	0	-120	-35	4.85	4.12	3.86	3.62	3.36	3.07	2.73
D	6	2369.4	-31.78	134.79	480993.22	6483464.67	259.32	206.31	120.28	120	139.04	54742	-0.07	1.11	2.13	-120.73	-33.53	0	0	-120	-35	4.88	4.14	3.88	3.64	3.38	3.08	2.75
D	6	2369.6	-31.78	134.79	480992.67	6483451.11	259.18	206.02	120.19	120	138.99	54745.74	-0.07	1.12	1.99	-120.7	-33.52	0	0	-120	-35	4.9	4.16	3.9	3.65	3.39	3.09	2.76
D	6	2369.8	-31.78	134.79	480992.11	6483437.53	259.06	205.66	119.87	120	139.19	54749.58	-0.06	1.15	1.72	-120.69	-33.56	0	0	-120	-35	4.93	4.17	3.92	3.67	3		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2377.6	-31.78	134.79	480974.75	6482908.97	262.76	209.35	112.04	120	150.72	54949.56	0.18	1.83	-2.67	-119.14	-36.63	0	0	-120	-35	4.82	3.96	3.7	3.46	3.2	2.9	2.57
D	6	2377.8	-31.78	134.79	480974.65	6482895.5	262.98	209.9	112.41	120	150.56	54957.59	0.2	1.75	-2.6	-119.21	-36.45	0	0	-120	-35	4.78	3.93	3.67	3.44	3.18	2.88	2.55
D	6	2378	-31.78	134.79	480974.56	6482882.02	263.18	210.38	112.9	120	150.28	54965.85	0.23	1.71	-2.45	-119.34	-36.22	0	0	-120	-35	4.75	3.91	3.64	3.42	3.16	2.87	2.54
D	6	2378.2	-31.78	134.79	480974.46	6482868.55	263.35	210.76	113.3	120	150.05	54974.38	0.27	1.72	-2	-119.49	-35.98	0	0	-120	-35	4.72	3.88	3.62	3.4	3.14	2.85	2.53
D	6	2378.4	-31.78	134.79	480974.35	6482855.07	263.5	211.08	113.52	120	149.97	54983.15	0.3	1.76	-1.42	-119.63	-35.65	0	0	-120	-35	4.69	3.86	3.6	3.38	3.12	2.83	2.51
D	6	2378.6	-31.78	134.79	480974.24	6482841.59	263.62	211.3	113.64	120	149.99	54992.05	0.34	1.82	-0.82	-119.79	-35.3	0	0	-120	-35	4.67	3.84	3.58	3.36	3.11	2.82	2.5
D	6	2378.8	-31.78	134.79	480974.12	6482828.11	263.72	211.4	113.78	120	149.94	55000.98	0.38	1.86	-0.26	-119.99	-34.92	0	0	-120	-35	4.64	3.82	3.56	3.34	3.09	2.81	2.49
D	6	2379	-31.79	134.79	480973.97	6482814.62	263.8	211.37	114.07	120	149.73	55009.98	0.42	1.85	0.01	-120.18	-34.55	0	0	-120	-35	4.61	3.81	3.54	3.33	3.08	2.8	2.48
D	6	2379.2	-31.79	134.79	480973.81	6482801.13	263.87	211.2	114.5	120	149.37	55019.15	0.47	1.83	-0.06	-120.39	-34.21	0	0	-120	-35	4.59	3.79	3.53	3.32	3.07	2.79	2.48
D	6	2379.4	-31.79	134.79	480973.62	6482787.63	263.91	210.96	114.9	120	149	55028.49	0.52	1.86	-0.16	-120.58	-33.88	0	0	-120	-35	4.57	3.78	3.53	3.32	3.07	2.79	2.47
D	6	2379.6	-31.79	134.79	480973.43	6482774.13	263.94	210.69	115.1	120	148.83	55037.83	0.58	1.91	-0.14	-120.8	-33.62	0	0	-120	-35	4.55	3.77	3.53	3.31	3.07	2.79	2.47
D	6	2379.8	-31.79	134.79	480973.23	6482760.62	263.95	210.44	114.99	120	148.96	55047.02	0.64	1.93	-0.2	-120.97	-33.42	0	0	-120	-35	4.53	3.77	3.53	3.32	3.07	2.79	2.47
D	6	2380	-31.79	134.79	480973.05	6482747.13	263.96	210.21	114.58	120	149.38	55056	0.7	1.9	-0.42	-121.14	-33.26	0	0	-120	-35	4.52	3.77	3.53	3.32	3.07	2.79	2.48
D	6	2380.2	-31.79	134.79	480972.87	6482733.63	263.95	209.97	114.02	120	149.94	55064.74	0.76	1.9	-0.71	-121.24	-33.16	0	0	-120	-35	4.52	3.78	3.54	3.33	3.08	2.8	2.48
D	6	2380.4	-31.79	134.79	480972.71	6482720.13	263.94	209.7	113.5	120	150.44	55073.17	0.83	1.95	-1.01	-121.35	-33.11	0	0	-120	-35	4.52	3.78	3.55	3.33	3.09	2.8	2.48
D	6	2380.6	-31.79	134.79	480972.56	6482706.64	263.92	209.44	113.21	120	150.72	55081.16	0.89	1.99	-1.34	-121.42	-33.11	0	0	-120	-35	4.52	3.79	3.56	3.34	3.09	2.81	2.49
D	6	2380.8	-31.79	134.79	480972.45	6482693.15	263.9	209.26	113.23	120	150.67	55088.53	0.95	1.99	-1.6	-121.47	-33.12	0	0	-120	-35	4.53	3.8	3.57	3.35	3.1	2.82	2.49
D	6	2381	-31.79	134.79	480972.37	6482679.65	263.88	209.21	113.58	120	150.29	55095.11	1.01	1.94	-1.72	-121.52	-33.18	0	0	-120	-35	4.55	3.81	3.58	3.36	3.11	2.82	2.49
D	6	2381.2	-31.79	134.79	480972.34	6482666.16	263.85	209.31	114.21	120	149.64	55100.75	1.07	1.86	-1.73	-121.52	-33.23	0	0	-120	-35	4.56	3.81	3.58	3.36	3.11	2.82	2.49
D	6	2381.4	-31.79	134.79	480972.35	6482652.66	263.82	209.5	114.99	120	148.83	55105.36	1.12	1.76	-1.72	-121.51	-33.3	0	0	-120	-35	4.56	3.82	3.58	3.36	3.11	2.81	2.49
D	6	2381.6	-31.79	134.79	480972.39	6482639.16	263.78	209.71	115.82	120	147.96	55108.9	1.16	1.64	-1.69	-121.47	-33.4	0	0	-120	-35	4.57	3.82	3.58	3.36	3.1	2.81	2.48
D	6	2381.8	-31.79	134.79	480972.46	6482625.66	263.74	209.87	116.58	120	147.16	55111.26	1.19	1.54	-1.56	-121.44	-33.49	0	0	-120	-35	4.58	3.82	3.58	3.35	3.09	2.8	2.47
D	6	2382	-31.79	134.79	480972.55	6482612.16	263.69	209.97	117.15	120	146.53	55112.26	1.21	1.51	-1.32	-121.36	-33.62	0	0	-120	-35	4.58	3.82	3.58	3.35	3.09	2.79	2.46
D	6	2382.2	-31.79	134.79	480972.66	6482598.65	263.63	209.99	117.48	120	146.15	55111.72	1.22	1.52	-0.99	-121.28	-33.75	0	0	-120	-35	4.58	3.83	3.58	3.35	3.08	2.78	2.45
D	6	2382.4	-31.79	134.79	480972.79	6482585.15	263.55	209.98	117.55	120	146.01	55109.59	1.22	1.52	-0.7	-121.2	-33.88	0	0	-120	-35	4.59	3.84	3.58	3.35	3.08	2.78	2.44
D	6	2382.6	-31.79	134.79	480972.93	6482571.64	263.47	209.98	117.47	120	146	55105.89	1.21	1.53	-0.51	-121.12	-34.02	0	0	-120	-35	4.59	3.85	3.59	3.36	3.09	2.78	2.44
D	6	2382.8	-31.79	134.79	480973.07	6482558.13	263.38	209.99	117.38	120	146	55100.65	1.18	1.53	-0.33	-121.06	-34.14	0	0	-120	-35	4.6	3.87	3.6	3.37	3.09	2.78	2.44
D	6	2383	-31.79	134.79	480973.21	6482544.61	263.27	210.03	117.33	120	145.94	55093.84	1.13	1.5	-0.09	-121.01	-34.24	0	0	-120	-35	4.61	3.89	3.62	3.39	3.11	2.79	2.44
D	6	2383.2	-31.79	134.79	480973.34	6482531.09	263.15	210.05	117.34	120	145.81	55085.46	1.08	1.45	0.17	-120.96	-34.35	0	0	-120	-35	4.62	3.91	3.64	3.4	3.12	2.8	2.44
D	6	2383.4	-31.79	134.79	480973.47	6482517.57	263.02	210.02	117.34	120	145.68	55075.54	1	1.47	0.56	-120.91	-34.41	0	0	-120	-35	4.62	3.93	3.65	3.41	3.13	2.8	2.44
D	6	2383.6	-31.79	134.79	480973.58	6482504.04	262.89	209.9	117.3	120	145.59	55064.13	0.91	1.52	1	-120.89	-34.44	0	0	-120	-35	4.63	3.95	3.67	3.43	3.14	2.81	2.44
D	6	2383.8	-31.79	134.79	480973.69	6482490.5	262.76	209.71	117.26	120	145.51	55051.3	0.81	1.58	1.42	-120.87	-34.47	0	0	-120	-35	4.63	3.96	3.68	3.44	3.14	2.81	2.43
D	6	2384	-31.79	134.79	480973.78	6482476.97	262.65	209.47	117.27	120	145.38	55037.16	0.69	1.65	1.72	-120.87	-34.49	0	0	-120	-35	4.62	3.96	3.68	3.44	3.15	2.81	2.43
D	6	2384.2	-31.79	134.79	480973.86	6482463.42	262.55	209.22	117.37	120	145.18	55021.91	0.55	1.75	1.93	-120.87	-34.46	0	0	-120	-35	4.62	3.96	3.69	3.44	3.14	2.8	2.41
D	6	2384.4	-31.79	134.79	480973.93	6482449.87	262.46	209	117.51	120	144.96	55005.79	0.4	1.86	2.14	-120.86	-34.44	0	0	-120	-35	4.61	3.96	3.69	3.44	3.14	2.8	2.4
D	6	2384.6	-31.79	134.79	480973.98	6482436.32	262.4	208.78	117.61	120	144.79	54989.06	0.24	2	2.35	-120.83	-34.44	0	0	-120	-35	4.61	3.96	3.69	3.43	3.14	2.79	2.39
D	6	2384.8	-31.79	134.79	480974.03	6482422.77	262.36	208.57	117.6	120	144.76	54972.02	0.08	2.16	2.54	-120.82	-34.43	0	0	-120	-35	4.62	3.95	3.69	3.43	3.13	2.78	2.37
D	6	2385	-31.79	134.79	480974.07	6482409.22	262.35	208.37	117.49	120	144.86	54955.02	-0.08	2.3	2.66	-120.79	-34.43	0	0	-120	-35	4.63	3.96	3.7	3.44	3.13	2.78	2.36
D	6	2385.2	-31.79	134.79	480974.11	6482395.67	262.37	208.18	117.33	120	145.05	54938.48	-0.24	2.41	2.69	-120.76	-34.44	0	0	-120	-35	4.64	3.97	3.7	3.44	3.13	2.77	2.34
D	6	2385.4	-31.79	134.79	480974.14	6482382.12	262.43	208.09	117.14	120	145.29	54922.86	-0.39	2.49	2.53	-120.74	-34.5	0	0	-120	-35	4.66	3.97	3.71	3.44	3.13	2.76	2.32
D	6	2385.6	-31.79	134.79	480974.18	6482368.58	262.51	208.05	117.01	120	145.5	54908.52	-0.54	2.56	2.32	-120.69	-34.58	0	0	-120	-35	4.68	3.97	3.71	3.44	3.13	2.75	2.3
D	6	2385.8	-31.79	134.79	480974.22	6482355.04	262.63	208.09	116.97	120	145.65	54895.77	-0.66	2.62	2.18	-120.62	-34.67	0	0	-120	-35	4.69	3.97	3.71	3.44	3.12	2.73	2.27
D	6	2386	-31.79	134.79	480974.27	6482341.5	262.77	208.23	117.04	120	145.73	54884.82	-0.76	2.66	2.04	-120.58	-34.79	0	0	-120	-35	4.7	3.97	3.71	3.43	3.11	2.71	2.23
D	6	2386.2	-31.79	134.79	480974.34	6482327.98	262.95	208.4	117.25	120	145.7	54875.94	-0.84	2.67	1.8	-120.49	-34.94	0	0	-120	-35	4.72	3.97	3.71	3.43	3.1		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2394	-31.79	134.79	480978.02	6481804.08	271.71	217.57	118.58	120	153.13	55024.06	0.53	1.74	-1	-120.78	-34.23	0	0	-120	-35	4.64	3.79	3.31	2.79	2.16	1.47	0.82
D	6	2394.2	-31.79	134.79	480978.26	6481790.71	271.73	217.62	117.91	120	153.82	55011.85	0.46	1.66	-0.67	-120.81	-34.26	0	0	-120	-35	4.66	3.79	3.31	2.78	2.15	1.45	0.81
D	6	2394.4	-31.79	134.79	480978.52	6481777.34	271.75	217.76	116.98	120	154.78	55000.16	0.4	1.58	-0.34	-120.86	-34.28	0	0	-120	-35	4.68	3.79	3.3	2.77	2.13	1.44	0.8
D	6	2394.6	-31.79	134.79	480978.8	6481763.98	271.76	217.96	115.92	120	155.84	54989	0.36	1.48	-0.07	-120.9	-34.35	0	0	-120	-35	4.71	3.79	3.3	2.76	2.11	1.43	0.79
D	6	2394.8	-31.79	134.79	480979.08	6481750.61	271.75	218.15	114.89	120	156.86	54978.29	0.34	1.38	0.13	-120.96	-34.4	0	0	-120	-35	4.74	3.79	3.3	2.75	2.1	1.42	0.79
D	6	2395	-31.79	134.79	480979.36	6481737.23	271.71	218.3	113.99	120	157.72	54967.96	0.32	1.28	0.31	-120.99	-34.45	0	0	-120	-35	4.77	3.8	3.31	2.74	2.09	1.41	0.79
D	6	2395.2	-31.79	134.79	480979.63	6481723.86	271.64	218.35	113.27	120	158.37	54957.92	0.3	1.18	0.52	-121.05	-34.52	0	0	-120	-35	4.82	3.82	3.31	2.74	2.08	1.4	0.79
D	6	2395.4	-31.8	134.79	480979.89	6481710.47	271.54	218.3	112.69	120	158.84	54948.04	0.29	1.11	0.8	-121.08	-34.56	0	0	-120	-35	4.86	3.84	3.31	2.73	2.07	1.39	0.79
D	6	2395.6	-31.8	134.79	480980.15	6481697.09	271.42	218.18	112.24	120	159.18	54938.09	0.28	1.06	1.2	-121.1	-34.57	0	0	-120	-35	4.91	3.86	3.31	2.72	2.05	1.38	0.79
D	6	2395.8	-31.8	134.79	480980.4	6481683.69	271.31	218	111.9	120	159.4	54927.88	0.26	1.04	1.58	-121.13	-34.57	0	0	-120	-35	4.95	3.87	3.31	2.7	2.03	1.36	0.78
D	6	2396	-31.8	134.79	480980.63	6481670.29	271.2	217.78	111.69	120	159.5	54917.3	0.24	1.05	1.77	-121.16	-34.58	0	0	-120	-35	4.98	3.87	3.29	2.67	1.99	1.33	0.76
D	6	2396.2	-31.8	134.79	480980.86	6481656.88	271.1	217.54	111.65	120	159.46	54906.31	0.21	1.09	1.71	-121.15	-34.53	0	0	-120	-35	5	3.87	3.25	2.63	1.94	1.29	0.74
D	6	2396.4	-31.8	134.79	480981.08	6481643.46	271.02	217.32	111.72	120	159.29	54894.88	0.17	1.13	1.57	-121.13	-34.44	0	0	-120	-35	5.01	3.85	3.21	2.57	1.88	1.24	0.7
D	6	2396.6	-31.8	134.79	480981.29	6481630.04	270.95	217.12	111.84	120	159.11	54883.01	0.12	1.14	1.38	-121.09	-34.38	0	0	-120	-35	5.02	3.82	3.16	2.51	1.81	1.18	0.66
D	6	2396.8	-31.8	134.79	480981.5	6481616.61	270.89	216.98	111.89	120	158.99	54870.74	0.05	1.16	1.11	-121.07	-34.3	0	0	-120	-35	5.04	3.8	3.11	2.44	1.74	1.12	0.62
D	6	2397	-31.8	134.79	480981.71	6481603.17	270.84	216.91	111.79	120	159.05	54858.2	-0.01	1.2	0.76	-121.02	-34.2	0	0	-120	-35	5.06	3.78	3.07	2.39	1.68	1.06	0.59
D	6	2397.2	-31.8	134.79	480981.94	6481589.72	270.81	216.93	111.51	120	159.3	54845.53	-0.08	1.24	0.41	-120.97	-34.11	0	0	-120	-35	5.1	3.77	3.03	2.33	1.62	1.01	0.55
D	6	2397.4	-31.8	134.79	480982.16	6481576.27	270.79	217.01	111.06	120	159.73	54832.87	-0.16	1.29	0.1	-120.92	-34.03	0	0	-120	-35	5.13	3.76	3.01	2.29	1.57	0.96	0.52
D	6	2397.6	-31.8	134.79	480982.39	6481562.82	270.77	217.11	110.5	120	160.27	54820.4	-0.25	1.31	0	-120.88	-33.98	0	0	-120	-35	5.16	3.77	2.99	2.26	1.53	0.92	0.49
D	6	2397.8	-31.8	134.79	480982.63	6481549.36	270.75	217.24	109.89	120	160.86	54808.4	-0.33	1.33	0.07	-120.84	-33.9	0	0	-120	-35	5.19	3.77	2.98	2.23	1.49	0.88	0.46
D	6	2398	-31.8	134.79	480982.86	6481535.89	270.72	217.36	109.25	120	161.47	54797.13	-0.4	1.38	0.13	-120.82	-33.8	0	0	-120	-35	5.2	3.77	2.98	2.21	1.46	0.85	0.44
D	6	2398.2	-31.8	134.79	480983.09	6481522.42	270.67	217.49	108.65	120	162.02	54786.8	-0.46	1.43	0.24	-120.81	-33.69	0	0	-120	-35	5.21	3.78	2.98	2.21	1.45	0.83	0.43
D	6	2398.4	-31.8	134.79	480983.32	6481508.94	270.6	217.67	108.15	120	162.45	54777.55	-0.51	1.49	0.51	-120.84	-33.55	0	0	-120	-35	5.2	3.79	2.99	2.21	1.45	0.83	0.42
D	6	2398.6	-31.8	134.79	480983.55	6481495.46	270.53	217.85	107.84	120	162.69	54769.5	-0.55	1.59	0.73	-120.89	-33.39	0	0	-120	-35	5.19	3.79	3	2.22	1.45	0.82	0.41
D	6	2398.8	-31.8	134.79	480983.76	6481481.98	270.46	217.96	107.81	120	162.65	54762.74	-0.57	1.74	0.76	-120.98	-33.25	0	0	-120	-35	5.17	3.8	3.01	2.24	1.46	0.83	0.42
D	6	2399	-31.8	134.79	480983.94	6481468.49	270.4	217.97	108.08	120	162.32	54757.27	-0.58	1.9	0.66	-121.04	-33.07	0	0	-120	-35	5.14	3.8	3.02	2.26	1.48	0.84	0.42
D	6	2399.2	-31.8	134.79	480984.1	6481455	270.35	217.88	108.62	120	161.73	54753.04	-0.57	2.1	0.58	-121.13	-32.93	0	0	-120	-35	5.12	3.8	3.04	2.28	1.51	0.86	0.43
D	6	2399.4	-31.8	134.79	480984.24	6481441.5	270.31	217.73	109.33	120	160.99	54750	-0.55	2.27	0.52	-121.22	-32.78	0	0	-120	-35	5.1	3.81	3.05	2.31	1.54	0.89	0.44
D	6	2399.6	-31.8	134.79	480984.36	6481428.01	270.3	217.61	110.08	120	160.22	54748.09	-0.52	2.44	0.51	-121.31	-32.73	0	0	-120	-35	5.09	3.81	3.07	2.33	1.57	0.92	0.46
D	6	2399.8	-31.8	134.79	480984.46	6481414.52	270.31	217.52	110.76	120	159.55	54747.2	-0.49	2.62	0.57	-121.36	-32.71	0	0	-120	-35	5.08	3.81	3.08	2.36	1.6	0.94	0.47
D	6	2400	-31.8	134.79	480984.55	6481401.04	270.36	217.46	111.31	120	159.05	54747.14	-0.44	2.81	0.66	-121.4	-32.71	0	0	-120	-35	5.07	3.81	3.09	2.38	1.62	0.97	0.49
D	6	2400.2	-31.8	134.79	480984.62	6481387.56	270.43	217.42	111.77	120	158.67	54747.71	-0.39	3.02	0.77	-121.42	-32.77	0	0	-120	-35	5.05	3.81	3.1	2.39	1.65	0.99	0.5
D	6	2400.4	-31.8	134.79	480984.68	6481374.08	270.55	217.39	112.24	120	158.31	54748.79	-0.34	3.19	0.8	-121.45	-32.87	0	0	-120	-35	5.02	3.79	3.1	2.4	1.66	1.01	0.52
D	6	2400.6	-31.8	134.79	480984.73	6481360.62	270.71	217.41	112.84	120	157.87	54750.31	-0.29	3.33	0.83	-121.44	-33	0	0	-120	-35	4.97	3.76	3.09	2.4	1.66	1.01	0.52
D	6	2400.8	-31.8	134.79	480984.77	6481347.16	270.91	217.5	113.66	120	157.26	54752.21	-0.23	3.46	0.94	-121.44	-33.22	0	0	-120	-35	4.9	3.73	3.07	2.38	1.66	1.01	0.53
D	6	2401	-31.8	134.79	480984.8	6481333.7	271.17	217.66	114.67	120	156.5	54754.4	-0.18	3.52	1.15	-121.38	-33.49	0	0	-120	-35	4.81	3.68	3.03	2.36	1.64	1.01	0.52
D	6	2401.2	-31.8	134.79	480984.83	6481320.26	271.49	217.9	115.82	120	155.67	54756.69	-0.13	3.48	1.51	-121.29	-33.83	0	0	-120	-35	4.72	3.63	2.99	2.33	1.62	1	0.52
D	6	2401.4	-31.8	134.79	480984.85	6481306.82	271.86	218.19	117.02	120	154.84	54758.93	-0.08	3.32	1.77	-121.13	-34.24	0	0	-120	-35	4.62	3.58	2.95	2.3	1.6	0.99	0.52
D	6	2401.6	-31.8	134.79	480984.86	6481293.38	272.25	218.54	118.16	120	154.09	54761.06	-0.03	3.11	1.76	-120.9	-34.73	0	0	-120	-35	4.55	3.54	2.91	2.28	1.59	0.98	0.52
D	6	2401.8	-31.8	134.79	480984.87	6481279.95	272.64	218.95	119.21	120	153.43	54763.08	0	2.88	1.53	-120.65	-35.27	0	0	-120	-35	4.49	3.52	2.89	2.26	1.59	0.98	0.53
D	6	2402	-31.8	134.79	480984.87	6481266.52	273	219.4	120.12	120	152.88	54764.93	0.04	2.65	1.25	-120.34	-35.76	0	0	-120	-35	4.45	3.5	2.88	2.26	1.59	0.99	0.54
D	6	2402.2	-31.8	134.79	480984.86	6481253.1	273.32	219.87	120.83	120	152.49	54766.57	0.07	2.44	0.99	-120.01	-36.24	0	0	-120	-35	4.43	3.5	2.89	2.28	1.61	1.02	0.56
D	6	2402.4	-31.8	134.79	480984.86	6481239.68	273.6	220.29	121.37	120	152.23	54767.96	0.1	2.23	0.78	-119.72	-36.66	0	0	-120	-35	4.42	3.49	2.9	2.3	1.64	1.04	0.58
D	6	2402.6	-31.8	134.79	480984.84	6481226.27	273.85	220.59	121.79	120	152.06	54769.06	0.13	2.04	0.59	-119.44	-36.93	0	0	-120	-35	4.4	3.48	2.92	2.32	1.67	1.08	0.61
D	6	2402.8	-31.8																									

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2410.4	-31.8	134.79	480987.05	6480698.51	266.33	212.25	137.23	120	129.1	54580.01	-0.43	1.11	0.06	-121.73	-31.94	0	0	-120	-35	3.89	3.58	3.35	3.11	2.76	2.32	1.79
D	6	2410.6	-31.8	134.79	480987.17	6480684.81	266.09	211.96	137.7	120	128.39	54576.91	-0.41	1.17	0.08	-121.64	-32.15	0	0	-120	-35	3.9	3.59	3.36	3.12	2.77	2.33	1.79
D	6	2410.8	-31.8	134.79	480987.31	6480671.1	265.85	211.7	138.01	120	127.85	54574.33	-0.4	1.22	0.15	-121.56	-32.35	0	0	-120	-35	3.9	3.6	3.36	3.12	2.77	2.33	1.8
D	6	2411	-31.8	134.79	480987.46	6480657.39	265.62	211.52	138.05	120	127.57	54572.21	-0.37	1.29	0.08	-121.47	-32.55	0	0	-120	-35	3.89	3.6	3.36	3.12	2.77	2.33	1.8
D	6	2411.2	-31.8	134.79	480987.62	6480643.68	265.4	211.4	137.8	120	127.6	54570.43	-0.35	1.32	-0.07	-121.37	-32.76	0	0	-120	-35	3.89	3.61	3.37	3.13	2.78	2.33	1.8
D	6	2411.4	-31.8	134.79	480987.8	6480629.97	265.18	211.28	137.32	120	127.86	54568.89	-0.32	1.26	-0.25	-121.26	-32.98	0	0	-120	-35	3.89	3.62	3.37	3.13	2.78	2.33	1.8
D	6	2411.6	-31.8	134.79	480987.99	6480616.25	264.96	211.15	136.7	120	128.26	54567.51	-0.3	1.14	-0.38	-121.16	-33.18	0	0	-120	-35	3.89	3.63	3.38	3.14	2.78	2.34	1.8
D	6	2411.8	-31.81	134.79	480988.2	6480602.53	264.75	210.94	136.1	120	128.65	54566.21	-0.27	1.03	-0.4	-121.08	-33.37	0	0	-120	-35	3.9	3.64	3.39	3.14	2.79	2.34	1.8
D	6	2412	-31.81	134.79	480988.41	6480588.8	264.54	210.7	135.65	120	128.89	54564.93	-0.25	0.96	-0.42	-120.97	-33.51	0	0	-120	-35	3.91	3.65	3.4	3.15	2.8	2.34	1.81
D	6	2412.2	-31.81	134.79	480988.63	6480575.07	264.33	210.5	135.33	120	129	54563.57	-0.23	0.94	-0.53	-120.91	-33.62	0	0	-120	-35	3.92	3.66	3.41	3.16	2.8	2.34	1.81
D	6	2412.4	-31.81	134.79	480988.87	6480561.34	264.12	210.37	135.11	120	129.01	54562.05	-0.21	0.94	-0.72	-120.83	-33.69	0	0	-120	-35	3.93	3.67	3.42	3.16	2.8	2.34	1.8
D	6	2412.6	-31.81	134.79	480989.11	6480547.6	263.92	210.28	134.99	120	128.93	54560.29	-0.2	0.95	-0.9	-120.79	-33.73	0	0	-120	-35	3.94	3.67	3.42	3.16	2.8	2.34	1.8
D	6	2412.8	-31.81	134.79	480989.37	6480533.86	263.7	210.19	134.99	120	128.71	54558.24	-0.19	0.97	-1.04	-120.75	-33.7	0	0	-120	-35	3.94	3.66	3.42	3.16	2.79	2.33	1.79
D	6	2413	-31.81	134.79	480989.63	6480520.12	263.49	210.03	135.23	120	128.26	54555.88	-0.19	1.01	-1.15	-120.71	-33.67	0	0	-120	-35	3.93	3.65	3.41	3.15	2.78	2.31	1.78
D	6	2413.2	-31.81	134.79	480989.9	6480506.36	263.27	209.76	135.78	120	127.49	54553.26	-0.2	1.08	-1.22	-120.7	-33.61	0	0	-120	-35	3.92	3.65	3.4	3.14	2.77	2.3	1.76
D	6	2413.4	-31.81	134.79	480990.18	6480492.6	263.05	209.44	136.59	120	126.46	54550.4	-0.21	1.14	-1.19	-120.69	-33.55	0	0	-120	-35	3.91	3.64	3.39	3.13	2.75	2.28	1.75
D	6	2413.6	-31.81	134.79	480990.47	6480478.84	262.83	209.11	137.54	120	125.28	54547.33	-0.23	1.2	-1.1	-120.67	-33.44	0	0	-120	-35	3.9	3.63	3.38	3.12	2.74	2.26	1.73
D	6	2413.8	-31.81	134.79	480990.77	6480465.07	262.61	208.77	138.52	120	124.1	54544.04	-0.25	1.25	-1.02	-120.69	-33.38	0	0	-120	-35	3.9	3.63	3.37	3.11	2.72	2.25	1.71
D	6	2414	-31.81	134.79	480991.1	6480451.3	262.42	208.5	139.38	120	123.04	54540.62	-0.27	1.26	-1.02	-120.67	-33.3	0	0	-120	-35	3.89	3.63	3.37	3.1	2.71	2.23	1.69
D	6	2414.2	-31.81	134.79	480991.45	6480437.52	262.25	208.28	140.08	120	122.17	54537.2	-0.29	1.24	-1.1	-120.68	-33.19	0	0	-120	-35	3.89	3.63	3.37	3.09	2.7	2.22	1.67
D	6	2414.4	-31.81	134.79	480991.82	6480423.74	262.08	208.11	140.6	120	121.48	54533.88	-0.31	1.17	-1.24	-120.72	-33.11	0	0	-120	-35	3.9	3.64	3.37	3.09	2.69	2.2	1.66
D	6	2414.6	-31.81	134.79	480992.21	6480409.95	261.92	208.02	140.94	120	120.98	54530.71	-0.34	1	-1.35	-120.76	-33.01	0	0	-120	-35	3.91	3.64	3.37	3.09	2.69	2.19	1.64
D	6	2414.8	-31.81	134.79	480992.61	6480396.16	261.74	207.99	141.1	120	120.64	54527.63	-0.37	0.75	-1.35	-120.78	-32.92	0	0	-120	-35	3.92	3.65	3.38	3.09	2.69	2.19	1.63
D	6	2415	-31.81	134.79	480993.04	6480382.37	261.53	207.98	141.09	120	120.44	54524.7	-0.39	0.51	-1.41	-120.8	-32.78	0	0	-120	-35	3.94	3.66	3.39	3.1	2.69	2.18	1.63
D	6	2415.2	-31.81	134.79	480993.48	6480368.57	261.28	207.98	140.89	120	120.39	54522.03	-0.41	0.29	-1.55	-120.85	-32.67	0	0	-120	-35	3.95	3.67	3.4	3.1	2.68	2.18	1.62
D	6	2415.4	-31.81	134.79	480993.93	6480354.77	260.99	207.9	140.56	120	120.44	54519.75	-0.43	0.06	-1.63	-120.9	-32.5	0	0	-120	-35	3.95	3.67	3.4	3.09	2.68	2.17	1.62
D	6	2415.6	-31.81	134.79	480994.4	6480340.96	260.67	207.71	140.12	120	120.56	54517.93	-0.44	-0.15	-1.67	-120.96	-32.32	0	0	-120	-35	3.95	3.66	3.4	3.09	2.68	2.17	1.62
D	6	2415.8	-31.81	134.79	480994.88	6480327.15	260.32	207.36	139.68	120	120.63	54516.6	-0.45	-0.32	-1.6	-121.03	-32.09	0	0	-120	-35	3.95	3.66	3.4	3.09	2.68	2.18	1.63
D	6	2416	-31.81	134.79	480995.38	6480313.33	259.92	206.9	139.32	120	120.6	54515.81	-0.46	-0.43	-1.45	-121.11	-31.8	0	0	-120	-35	3.94	3.65	3.4	3.09	2.69	2.19	1.64
D	6	2416.2	-31.81	134.79	480995.89	6480299.49	259.48	206.39	139.05	120	120.43	54515.54	-0.45	-0.51	-1.3	-121.21	-31.5	0	0	-120	-35	3.94	3.65	3.4	3.1	2.7	2.2	1.66
D	6	2416.4	-31.81	134.79	480996.41	6480285.65	259.01	205.87	138.88	120	120.13	54515.8	-0.45	-0.57	-1.19	-121.32	-31.18	0	0	-120	-35	3.95	3.66	3.42	3.12	2.72	2.23	1.69
D	6	2416.6	-31.81	134.79	480996.94	6480271.8	258.5	205.37	138.71	120	119.79	54516.57	-0.44	-0.61	-1.11	-121.44	-30.85	0	0	-120	-35	3.97	3.68	3.45	3.15	2.76	2.28	1.74
D	6	2416.8	-31.81	134.79	480997.48	6480257.93	257.97	204.89	138.49	120	119.49	54517.87	-0.42	-0.65	-1.05	-121.56	-30.54	0	0	-120	-35	4.01	3.72	3.49	3.2	2.81	2.33	1.79
D	6	2417	-31.81	134.79	480998.02	6480244.05	257.43	204.35	138.16	120	119.28	54519.66	-0.4	-0.67	-0.94	-121.67	-30.23	0	0	-120	-35	4.06	3.77	3.55	3.26	2.88	2.4	1.85
D	6	2417.2	-31.81	134.79	480998.55	6480230.16	256.89	203.79	137.68	120	119.21	54521.92	-0.37	-0.69	-0.79	-121.8	-29.96	0	0	-120	-35	4.13	3.83	3.61	3.33	2.94	2.47	1.92
D	6	2417.4	-31.81	134.79	480999.09	6480216.26	256.33	203.2	137.13	120	119.2	54524.56	-0.35	-0.71	-0.56	-121.93	-29.75	0	0	-120	-35	4.2	3.91	3.68	3.4	3.02	2.54	1.98
D	6	2417.6	-31.81	134.79	480999.63	6480202.34	255.77	202.57	136.56	120	119.21	54527.53	-0.31	-0.75	-0.31	-122.04	-29.57	0	0	-120	-35	4.28	3.98	3.75	3.47	3.09	2.61	2.04
D	6	2417.8	-31.81	134.79	481000.17	6480188.41	255.21	201.92	136.02	120	119.18	54530.75	-0.28	-0.81	0	-122.16	-29.43	0	0	-120	-35	4.35	4.06	3.82	3.54	3.15	2.67	2.09
D	6	2418	-31.81	134.79	481000.7	6480174.48	254.64	201.22	135.57	120	119.07	54534.19	-0.24	-0.85	0.28	-122.23	-29.29	0	0	-120	-35	4.42	4.14	3.89	3.61	3.22	2.72	2.14
D	6	2418.2	-31.81	134.79	481001.23	6480160.52	254.06	200.51	135.11	120	118.95	54537.85	-0.21	-0.85	0.53	-122.34	-29.18	0	0	-120	-35	4.5	4.21	3.96	3.67	3.28	2.78	2.19
D	6	2418.4	-31.81	134.79	481001.75	6480146.56	253.48	199.82	134.55	120	118.93	54541.66	-0.17	-0.86	0.74	-122.43	-29.09	0	0	-120	-35	4.56	4.28	4.02	3.73	3.33	2.83	2.23
D	6	2418.6	-31.81	134.79	481002.28	6480132.59	252.91	199.16	133.82	120	119.08	54545.58	-0.12	-0.86	0.88	-122.49	-28.99	0	0	-120	-35	4.63	4.35	4.08	3.79	3.38	2.87	2.27
D	6	2418.8	-31.81	134.79	481002.8	6480118.6	252.35	198.54	132.88	120	119.48	54549.54	-0.07	-0.84	0.97	-122.54	-28.9	0	0	-120	-35	4.68	4.41	4.14	3.84	3.44	2.92	2.31
D	6	2419	-31.81	134.79	481003.33	6480104.6	251.83	197.95	131.75	120	120.09	54553.51	-0.02	-0.78	0.99	-122.6	-28.86	0	0	-120	-35	4.74	4.47	4.19	3.9	3.49	2.98	2.36

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2426.8	-31.81	134.79	481023.34	6479555.09	242.06	188.63	124.64	120	117.42	54576.22	0.1	0.87	0.18	-121.41	-31.37	0	0	-120	-35	5.96	5.61	5.35	5.06	4.71	4.32	3.87
D	6	2427	-31.81	134.79	481023.94	6479540.97	241.86	188.42	124.69	120	117.17	54579.48	0.12	0.9	0.72	-121.49	-31.24	0	0	-120	-35	5.98	5.64	5.38	5.08	4.74	4.34	3.89
D	6	2427.2	-31.81	134.79	481024.52	6479526.85	241.67	188.24	124.77	120	116.9	54582.01	0.12	0.93	1.21	-121.54	-31.14	0	0	-120	-35	6.01	5.67	5.41	5.11	4.76	4.36	3.91
D	6	2427.4	-31.81	134.79	481025.08	6479512.72	241.48	188.09	124.81	120	116.67	54583.83	0.12	0.97	1.56	-121.6	-31.07	0	0	-120	-35	6.05	5.7	5.44	5.14	4.79	4.39	3.93
D	6	2427.6	-31.81	134.79	481025.62	6479498.59	241.3	187.96	124.78	120	116.52	54584.96	0.11	1	1.83	-121.62	-31	0	0	-120	-35	6.09	5.74	5.48	5.18	4.83	4.42	3.96
D	6	2427.8	-31.82	134.79	481026.14	6479484.46	241.12	187.84	124.65	120	116.47	54585.49	0.1	1.02	2.1	-121.62	-30.95	0	0	-120	-35	6.14	5.78	5.52	5.22	4.86	4.45	3.98
D	6	2428	-31.82	134.79	481026.63	6479470.33	240.94	187.71	124.44	120	116.5	54585.46	0.07	1.02	2.34	-121.62	-30.95	0	0	-120	-35	6.18	5.82	5.56	5.25	4.9	4.48	4.01
D	6	2428.2	-31.82	134.79	481027.09	6479456.2	240.76	187.55	124.23	120	116.53	54584.96	0.05	1	2.43	-121.61	-30.91	0	0	-120	-35	6.23	5.86	5.59	5.29	4.93	4.51	4.03
D	6	2428.4	-31.82	134.79	481027.52	6479442.06	240.59	187.36	124.06	120	116.53	54584.07	0.02	1	2.31	-121.59	-30.89	0	0	-120	-35	6.27	5.9	5.63	5.32	4.96	4.54	4.05
D	6	2428.6	-31.82	134.79	481027.92	6479427.92	240.41	187.14	123.93	120	116.48	54582.91	-0.01	1	1.99	-121.56	-30.87	0	0	-120	-35	6.31	5.93	5.66	5.36	4.99	4.56	4.07
D	6	2428.8	-31.82	134.79	481028.31	6479413.78	240.23	186.9	123.81	120	116.41	54581.62	-0.03	1.02	1.59	-121.53	-30.86	0	0	-120	-35	6.35	5.98	5.7	5.39	5.03	4.59	4.1
D	6	2429	-31.82	134.79	481028.67	6479399.64	240.04	186.67	123.64	120	116.4	54580.32	-0.06	1.08	1.24	-121.52	-30.83	0	0	-120	-35	6.38	6.02	5.73	5.43	5.06	4.62	4.12
D	6	2429.2	-31.82	134.79	481029.02	6479385.51	239.85	186.48	123.32	120	116.52	54579.09	-0.09	1.16	1.04	-121.51	-30.8	0	0	-120	-35	6.42	6.06	5.77	5.47	5.1	4.66	4.15
D	6	2429.4	-31.82	134.79	481029.35	6479371.37	239.65	186.32	122.83	120	116.83	54577.95	-0.11	1.23	1.06	-121.5	-30.78	0	0	-120	-35	6.46	6.11	5.81	5.5	5.13	4.69	4.18
D	6	2429.6	-31.82	134.79	481029.66	6479357.24	239.46	186.17	122.11	120	117.35	54576.94	-0.14	1.32	1.25	-121.49	-30.76	0	0	-120	-35	6.5	6.15	5.84	5.54	5.16	4.72	4.2
D	6	2429.8	-31.82	134.79	481029.94	6479343.11	239.28	186.03	121.19	120	118.09	54576.06	-0.15	1.43	1.53	-121.49	-30.79	0	0	-120	-35	6.53	6.19	5.88	5.58	5.19	4.75	4.23
D	6	2430	-31.82	134.79	481030.2	6479328.98	239.12	185.91	120.16	120	118.96	54575.34	-0.17	1.54	1.87	-121.46	-30.8	0	0	-120	-35	6.57	6.22	5.91	5.6	5.22	4.77	4.25
D	6	2430.2	-31.82	134.79	481030.43	6479314.85	238.98	185.84	119.18	120	119.8	54574.79	-0.18	1.65	2.28	-121.46	-30.88	0	0	-120	-35	6.6	6.25	5.94	5.63	5.25	4.79	4.27
D	6	2430.4	-31.82	134.79	481030.64	6479300.72	238.86	185.82	118.49	120	120.37	54574.47	-0.19	1.75	2.68	-121.44	-30.94	0	0	-120	-35	6.64	6.27	5.97	5.66	5.27	4.82	4.29
D	6	2430.6	-31.82	134.79	481030.8	6479286.59	238.77	185.85	118.28	120	120.49	54574.41	-0.2	1.85	3.04	-121.43	-31.05	0	0	-120	-35	6.67	6.3	6.01	5.69	5.3	4.84	4.31
D	6	2430.8	-31.82	134.79	481030.93	6479272.47	238.7	185.87	118.63	120	120.07	54574.66	-0.21	1.95	3.33	-121.41	-31.22	0	0	-120	-35	6.7	6.33	6.03	5.71	5.32	4.86	4.33
D	6	2431	-31.82	134.79	481031	6479258.34	238.68	185.86	119.47	120	119.21	54575.17	-0.21	2.03	3.66	-121.39	-31.44	0	0	-120	-35	6.74	6.35	6.06	5.73	5.34	4.89	4.36
D	6	2431.2	-31.82	134.79	481031.03	6479244.23	238.69	185.8	120.54	120	118.15	54575.84	-0.21	2.09	4.05	-121.33	-31.7	0	0	-120	-35	6.77	6.38	6.09	5.76	5.36	4.91	4.38
D	6	2431.4	-31.82	134.79	481031	6479230.11	238.74	185.73	121.59	120	117.15	54576.6	-0.21	2.09	4.31	-121.26	-31.97	0	0	-120	-35	6.8	6.41	6.11	5.78	5.39	4.93	4.4
D	6	2431.6	-31.82	134.79	481030.94	6479216	238.81	185.69	122.38	120	116.44	54577.44	-0.21	2.05	4.15	-121.19	-32.29	0	0	-120	-35	6.83	6.43	6.13	5.8	5.41	4.95	4.42
D	6	2431.8	-31.82	134.79	481030.83	6479201.9	238.89	185.69	122.79	120	116.1	54578.42	-0.21	2.01	3.53	-121.08	-32.6	0	0	-120	-35	6.86	6.45	6.15	5.82	5.42	4.96	4.43
D	6	2432	-31.82	134.79	481030.7	6479187.79	238.98	185.72	122.84	120	116.13	54579.55	-0.21	1.96	2.67	-120.97	-32.89	0	0	-120	-35	6.87	6.46	6.16	5.82	5.43	4.97	4.44
D	6	2432.2	-31.82	134.79	481030.54	6479173.7	239.05	185.77	122.58	120	116.48	54580.85	-0.21	1.91	1.78	-120.8	-33.16	0	0	-120	-35	6.87	6.45	6.15	5.82	5.42	4.96	4.44
D	6	2432.4	-31.82	134.79	481030.34	6479159.6	239.12	185.81	122.08	120	117.04	54582.31	-0.21	1.85	0.97	-120.73	-33.37	0	0	-120	-35	6.86	6.44	6.13	5.8	5.41	4.95	4.43
D	6	2432.6	-31.82	134.79	481030.13	6479145.51	239.19	185.85	121.47	120	117.72	54583.96	-0.21	1.79	0.31	-120.66	-33.52	0	0	-120	-35	6.83	6.42	6.11	5.78	5.39	4.93	4.42
D	6	2432.8	-31.82	134.79	481029.91	6479131.42	239.25	185.89	120.81	120	118.44	54585.82	-0.21	1.73	-0.17	-120.58	-33.62	0	0	-120	-35	6.8	6.39	6.08	5.75	5.36	4.91	4.4
D	6	2433	-31.82	134.79	481029.69	6479117.33	239.29	185.89	120.29	120	119	54587.86	-0.2	1.68	-0.51	-120.54	-33.72	0	0	-120	-35	6.77	6.37	6.05	5.73	5.34	4.89	4.38
D	6	2433.2	-31.82	134.79	481029.46	6479103.25	239.33	185.9	120.06	120	119.27	54590.03	-0.2	1.64	-0.71	-120.49	-33.72	0	0	-120	-35	6.74	6.34	6.02	5.7	5.31	4.87	4.36
D	6	2433.4	-31.82	134.79	481029.24	6479089.17	239.36	185.89	120.16	120	119.2	54592.28	-0.19	1.61	-0.86	-120.49	-33.73	0	0	-120	-35	6.72	6.32	6	5.68	5.3	4.85	4.35
D	6	2433.6	-31.82	134.79	481029.01	6479075.1	239.37	185.89	120.55	120	118.82	54594.6	-0.18	1.62	-0.99	-120.49	-33.74	0	0	-120	-35	6.69	6.31	5.99	5.67	5.28	4.84	4.34
D	6	2433.8	-31.82	134.79	481028.79	6479061.02	239.39	185.91	121.08	120	118.31	54597.04	-0.18	1.65	-1.07	-120.49	-33.69	0	0	-120	-35	6.67	6.29	5.97	5.65	5.27	4.83	4.33
D	6	2434	-31.82	134.79	481028.57	6479046.95	239.4	185.95	121.57	120	117.83	54599.65	-0.17	1.69	-1.08	-120.53	-33.61	0	0	-120	-35	6.65	6.27	5.95	5.63	5.25	4.81	4.31
D	6	2434.2	-31.82	134.79	481028.35	6479032.89	239.42	186	121.93	120	117.49	54602.45	-0.16	1.72	-1.03	-120.55	-33.49	0	0	-120	-35	6.62	6.24	5.93	5.61	5.23	4.79	4.3
D	6	2434.4	-31.82	134.79	481028.13	6479018.82	239.43	186.06	122.17	120	117.27	54605.4	-0.15	1.75	-0.94	-120.56	-33.38	0	0	-120	-35	6.59	6.22	5.91	5.59	5.21	4.77	4.28
D	6	2434.6	-31.82	134.79	481027.9	6479004.76	239.45	186.11	122.33	120	117.12	54608.44	-0.14	1.78	-0.86	-120.6	-33.19	0	0	-120	-35	6.56	6.18	5.88	5.56	5.18	4.74	4.26
D	6	2434.8	-31.82	134.79	481027.68	6478990.7	239.48	186.17	122.48	120	117	54611.5	-0.12	1.82	-0.78	-120.63	-33.05	0	0	-120	-35	6.53	6.16	5.85	5.53	5.16	4.72	4.24
D	6	2435	-31.82	134.79	481027.45	6478976.64	239.52	186.23	122.62	120	116.9	54614.58	-0.11	1.86	-0.68	-120.65	-32.88	0	0	-120	-35	6.5	6.13	5.82	5.51	5.13	4.7	4.22
D	6	2435.2	-31.82	134.79	481027.21	6478962.59	239.56	186.3	122.74	120	116.83	54617.66	-0.1	1.9	-0.55	-120.68	-32.75	0	0	-120	-35	6.48	6.11	5.8	5.49	5.11	4.68	4.21
D	6	2435.4	-31.82	134.79	481026.97	6478948.54	239.62	186.39	122.82	120	116.8	54620.78	-0.09	1.93	-0.4	-120.69	-32.63	0	0	-120	-35	6.47	6.09	5.79	5.48	5.1	4.67	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2443.2	-31.82	134.79	481015.15	6478403.13	244.13	191.06	123.84	120	120.29	54698.68	-0.02	1.68	-0.2	-120.07	-32.93	0	0	-120	-35	5.73	5.37	5.12	4.84	4.51	4.13	3.69
D	6	2443.4	-31.83	134.79	481014.85	6478389.24	244.24	191.12	124.3	120	119.94	54700.28	-0.02	1.64	-0.16	-120.1	-32.83	0	0	-120	-35	5.68	5.33	5.09	4.81	4.48	4.09	3.66
D	6	2443.6	-31.83	134.79	481014.54	6478375.35	244.33	191.14	124.89	120	119.44	54701.95	-0.02	1.61	-0.12	-120.14	-32.74	0	0	-120	-35	5.64	5.29	5.04	4.77	4.44	4.06	3.63
D	6	2443.8	-31.83	134.79	481014.22	6478361.46	244.41	191.13	125.57	120	118.84	54703.66	-0.02	1.59	-0.1	-120.16	-32.59	0	0	-120	-35	5.6	5.25	5	4.73	4.4	4.03	3.6
D	6	2444	-31.83	134.79	481013.9	6478347.58	244.49	191.11	126.26	120	118.23	54705.4	-0.01	1.58	-0.11	-120.19	-32.45	0	0	-120	-35	5.56	5.21	4.96	4.69	4.37	3.99	3.56
D	6	2444.2	-31.83	134.79	481013.59	6478333.7	244.57	191.09	126.85	120	117.72	54707.15	-0.01	1.6	-0.17	-120.26	-32.32	0	0	-120	-35	5.52	5.18	4.93	4.66	4.34	3.96	3.54
D	6	2444.4	-31.83	134.79	481013.27	6478319.83	244.65	191.09	127.28	120	117.37	54708.91	-0.01	1.63	-0.28	-120.33	-32.18	0	0	-120	-35	5.49	5.15	4.9	4.63	4.31	3.94	3.52
D	6	2444.6	-31.83	134.79	481012.95	6478305.96	244.72	191.12	127.49	120	117.24	54710.69	0	1.67	-0.43	-120.39	-32.04	0	0	-120	-35	5.47	5.13	4.87	4.62	4.29	3.92	3.5
D	6	2444.8	-31.83	134.79	481012.63	6478292.09	244.8	191.16	127.48	120	117.32	54712.49	0	1.69	-0.61	-120.44	-31.92	0	0	-120	-35	5.45	5.11	4.86	4.6	4.28	3.91	3.49
D	6	2445	-31.83	134.79	481012.33	6478278.23	244.88	191.22	127.28	120	117.6	54714.27	0.01	1.71	-0.75	-120.52	-31.83	0	0	-120	-35	5.44	5.1	4.85	4.59	4.27	3.9	3.48
D	6	2445.2	-31.83	134.79	481012.03	6478264.37	244.97	191.3	127.02	120	117.95	54716.02	0.01	1.71	-0.87	-120.57	-31.74	0	0	-120	-35	5.43	5.09	4.85	4.59	4.27	3.9	3.48
D	6	2445.4	-31.83	134.79	481011.73	6478250.51	245.05	191.39	126.84	120	118.22	54717.72	0.01	1.71	-0.97	-120.61	-31.68	0	0	-120	-35	5.41	5.08	4.84	4.58	4.27	3.9	3.48
D	6	2445.6	-31.83	134.79	481011.45	6478236.66	245.14	191.51	126.86	120	118.28	54719.4	0.01	1.68	-1.07	-120.63	-31.63	0	0	-120	-35	5.41	5.08	4.84	4.58	4.27	3.9	3.48
D	6	2445.8	-31.83	134.79	481011.18	6478222.8	245.22	191.64	127.17	120	118.04	54721.05	0.01	1.62	-1.17	-120.65	-31.57	0	0	-120	-35	5.4	5.08	4.84	4.58	4.27	3.9	3.49
D	6	2446	-31.83	134.79	481010.91	6478208.96	245.28	191.75	127.63	120	117.65	54722.63	0.02	1.52	-1.27	-120.67	-31.51	0	0	-120	-35	5.39	5.07	4.84	4.58	4.26	3.9	3.48
D	6	2446.2	-31.83	134.79	481010.66	6478195.11	245.33	191.85	128.05	120	117.27	54724.12	0.02	1.41	-1.33	-120.68	-31.46	0	0	-120	-35	5.38	5.07	4.83	4.57	4.26	3.89	3.48
D	6	2446.4	-31.83	134.79	481010.42	6478181.27	245.36	191.92	128.32	120	117.03	54725.56	0.02	1.3	-1.39	-120.69	-31.42	0	0	-120	-35	5.37	5.07	4.83	4.57	4.26	3.89	3.48
D	6	2595.2	-31.83	134.8	481999.57	6478184.93	246.5	192.62	129.09	120	117.42	54595.7	-0.27	0.96	-2.25	-119.94	-31.57	0	0	-120	-35	5.31	5.1	4.92	4.74	4.51	4.24	3.92
D	6	2595.4	-31.83	134.8	481999.3	6478198.15	246.42	192.6	128.53	120	117.89	54594.35	-0.28	0.94	-2.38	-119.93	-31.67	0	0	-120	-35	5.34	5.14	4.96	4.78	4.54	4.27	3.95
D	6	2595.6	-31.83	134.8	481999.02	6478211.37	246.32	192.6	128.03	120	118.29	54593.24	-0.28	0.9	-2.52	-119.9	-31.8	0	0	-120	-35	5.38	5.17	5	4.81	4.58	4.31	3.99
D	6	2595.8	-31.83	134.8	481998.72	6478224.59	246.23	192.59	127.71	120	118.52	54591.41	-0.28	0.86	-2.61	-119.87	-31.87	0	0	-120	-35	5.41	5.21	5.03	4.85	4.62	4.35	4.02
D	6	2596	-31.83	134.8	481998.41	6478237.82	246.12	192.54	127.67	120	118.45	54591.9	-0.28	0.84	-2.62	-119.86	-31.97	0	0	-120	-35	5.44	5.24	5.06	4.88	4.65	4.38	4.05
D	6	2596.2	-31.83	134.8	481998.08	6478251.05	246.01	192.45	128.06	120	117.96	54591.74	-0.26	0.8	-2.56	-119.83	-32.04	0	0	-120	-35	5.47	5.27	5.09	4.91	4.68	4.4	4.08
D	6	2596.4	-31.83	134.8	481997.74	6478264.28	245.89	192.32	128.86	120	117.03	54591.89	-0.25	0.77	-2.4	-119.8	-32.11	0	0	-120	-35	5.5	5.29	5.11	4.93	4.7	4.43	4.1
D	6	2596.6	-31.83	134.8	481997.39	6478277.51	245.76	192.17	130.03	120	115.73	54592.31	-0.23	0.73	-2.17	-119.81	-32.14	0	0	-120	-35	5.52	5.32	5.13	4.95	4.72	4.45	4.12
D	6	2596.8	-31.83	134.8	481997.03	6478290.75	245.63	192.03	131.4	120	114.23	54592.9	-0.21	0.72	-1.97	-119.81	-32.18	0	0	-120	-35	5.54	5.34	5.15	4.97	4.74	4.46	4.14
D	6	2597	-31.83	134.8	481996.66	6478303.99	245.49	191.92	132.69	120	112.8	54593.53	-0.18	0.69	-1.79	-119.84	-32.18	0	0	-120	-35	5.56	5.36	5.17	4.99	4.76	4.48	4.16
D	6	2597.2	-31.83	134.8	481996.28	6478317.23	245.36	191.82	133.73	120	111.63	54594.07	-0.16	0.65	-1.57	-119.86	-32.2	0	0	-120	-35	5.58	5.38	5.19	5.01	4.78	4.5	4.18
D	6	2597.4	-31.83	134.8	481995.9	6478330.48	245.22	191.7	134.39	120	110.83	54594.45	-0.15	0.59	-1.37	-119.9	-32.2	0	0	-120	-35	5.61	5.4	5.22	5.03	4.8	4.52	4.19
D	6	2597.6	-31.83	134.8	481995.51	6478343.72	245.08	191.55	134.68	120	110.4	54594.56	-0.13	0.52	-1.19	-119.94	-32.19	0	0	-120	-35	5.63	5.43	5.24	5.06	4.82	4.54	4.21
D	6	2597.8	-31.83	134.8	481995.11	6478356.98	244.92	191.38	134.73	120	110.19	54594.37	-0.13	0.49	-1.04	-119.98	-32.18	0	0	-120	-35	5.66	5.45	5.26	5.08	4.84	4.56	4.23
D	6	2598	-31.83	134.8	481994.71	6478370.23	244.75	191.21	134.62	120	110.13	54593.79	-0.13	0.44	-0.97	-120.04	-32.16	0	0	-120	-35	5.68	5.48	5.28	5.1	4.87	4.58	4.25
D	6	2598.2	-31.83	134.8	481994.3	6478383.49	244.55	191.03	134.36	120	110.19	54592.82	-0.13	0.38	-0.95	-120.09	-32.1	0	0	-120	-35	5.71	5.5	5.3	5.12	4.89	4.6	4.27
D	6	2598.4	-31.82	134.8	481993.9	6478396.76	244.35	190.83	133.89	120	110.45	54591.49	-0.14	0.31	-0.96	-120.15	-32.02	0	0	-120	-35	5.73	5.53	5.33	5.15	4.91	4.62	4.29
D	6	2598.6	-31.82	134.8	481993.48	6478410.02	244.12	190.62	133.08	120	111.04	54589.9	-0.16	0.25	-0.93	-120.21	-31.95	0	0	-120	-35	5.76	5.56	5.35	5.17	4.93	4.65	4.31
D	6	2598.8	-31.82	134.8	481993.07	6478423.29	243.87	190.4	131.83	120	112.04	54588.09	-0.18	0.2	-0.83	-120.29	-31.85	0	0	-120	-35	5.8	5.59	5.38	5.2	4.96	4.67	4.33
D	6	2599	-31.82	134.8	481992.65	6478436.57	243.61	190.17	130.23	120	113.38	54586.13	-0.21	0.15	-0.66	-120.38	-31.74	0	0	-120	-35	5.84	5.62	5.42	5.23	4.99	4.7	4.36
D	6	2599.2	-31.82	134.8	481992.23	6478449.85	243.34	189.97	128.5	120	114.84	54584.08	-0.23	0.09	-0.45	-120.46	-31.6	0	0	-120	-35	5.88	5.66	5.46	5.27	5.03	4.73	4.39
D	6	2599.4	-31.82	134.8	481991.81	6478463.13	243.05	189.76	126.81	120	116.23	54582.03	-0.26	0.04	-0.18	-120.55	-31.49	0	0	-120	-35	5.93	5.7	5.5	5.31	5.06	4.77	4.42
D	6	2599.6	-31.82	134.8	481991.39	6478476.42	242.74	189.54	125.33	120	117.41	54580.04	-0.28	0.01	0.14	-120.62	-31.35	0	0	-120	-35	5.98	5.75	5.54	5.35	5.1	4.81	4.45
D	6	2599.8	-31.82	134.8	481990.99	6478489.71	242.42	189.29	124.01	120	118.4	54578.16	-0.31	-0.01	0.46	-120.7	-31.2	0	0	-120	-35	6.03	5.8	5.59	5.4	5.14	4.84	4.49
D	6	2600	-31.82	134.8	481990.6	6478503.01	242.09	189.01	122.84	120	119.24	54576.43	-0.33	-0.03	0.76	-120.8	-31.08	0	0	-120	-35	6.08	5.85	5.63	5.44	5.18	4.88	4.52
D	6	2600.2	-31.82	134.8	481990.24	6478516.32	241.74	188.71	121.88	120	119.86	54574.91	-0.35	-0.06	1.07	-120.88	-30.93	0	0	-120	-35	6.13	5.91	5.68	5.48	5.22	4.92	4.55
D	6	2600.4	-31.82	134.8	481989.89	6478529.63	241.39	188.37	121.25	120	120.14	54573.7	-0.37	-0.09	1.42	-120.95	-30.78	0	0	-120	-35	6.19	5.96	5.72	5.52	5.26	4.95	4.58

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2608.2	-31.82	134.8	481992.77	6479052.98	230.43	176.52	113.34	120	117.1	54605.21	-0.51	2.07	-1.07	-120.17	-33.62	0	0	-120	-35	8.67	8.17	7.78	7.37	6.87	6.29	5.62
D	6	2608.4	-31.82	134.8	481992.95	6479066.45	230.46	176.58	113.47	120	116.99	54605.52	-0.54	2.18	-1.17	-120.14	-33.74	0	0	-120	-35	8.69	8.19	7.81	7.39	6.89	6.3	5.64
D	6	2608.6	-31.82	134.8	481993.12	6479079.92	230.52	176.66	113.61	120	116.9	54606.2	-0.57	2.25	-1.23	-120.11	-33.91	0	0	-120	-35	8.71	8.21	7.82	7.41	6.91	6.32	5.65
D	6	2608.8	-31.82	134.8	481993.29	6479093.37	230.59	176.78	113.72	120	116.87	54607.25	-0.6	2.29	-1.24	-120.07	-34.08	0	0	-120	-35	8.72	8.22	7.84	7.43	6.92	6.33	5.66
D	6	2609	-31.82	134.8	481993.45	6479106.83	230.67	176.91	113.79	120	116.87	54608.66	-0.62	2.29	-1.19	-120.03	-34.25	0	0	-120	-35	8.73	8.23	7.84	7.43	6.93	6.34	5.66
D	6	2609.2	-31.82	134.8	481993.61	6479120.28	230.75	177.08	113.83	120	116.92	54610.45	-0.65	2.25	-1.14	-119.95	-34.4	0	0	-120	-35	8.73	8.22	7.84	7.43	6.93	6.34	5.66
D	6	2609.4	-31.82	134.8	481993.77	6479133.72	230.84	177.24	113.85	120	116.99	54612.64	-0.67	2.17	-1.09	-119.9	-34.57	0	0	-120	-35	8.71	8.21	7.83	7.42	6.92	6.33	5.65
D	6	2609.6	-31.82	134.8	481993.92	6479147.16	230.92	177.39	113.89	120	117.04	54615.33	-0.7	2.09	-0.98	-119.82	-34.7	0	0	-120	-35	8.7	8.2	7.81	7.41	6.9	6.32	5.64
D	6	2609.8	-31.82	134.8	481994.07	6479160.59	231	177.51	113.93	120	117.08	54618.6	-0.72	2.03	-0.8	-119.75	-34.83	0	0	-120	-35	8.67	8.17	7.79	7.39	6.89	6.3	5.62
D	6	2610	-31.82	134.8	481994.22	6479174.02	231.08	177.61	113.96	120	117.12	54622.5	-0.74	1.98	-0.59	-119.68	-34.9	0	0	-120	-35	8.65	8.15	7.77	7.37	6.87	6.28	5.6
D	6	2610.2	-31.82	134.8	481994.37	6479187.45	231.14	177.71	113.92	120	117.22	54627.06	-0.76	1.96	-0.41	-119.64	-34.96	0	0	-120	-35	8.63	8.13	7.75	7.35	6.85	6.26	5.59
D	6	2610.4	-31.82	134.8	481994.52	6479200.88	231.19	177.82	113.77	120	117.43	54632.3	-0.78	1.96	-0.26	-119.63	-35.02	0	0	-120	-35	8.62	8.12	7.73	7.33	6.84	6.25	5.57
D	6	2610.6	-31.82	134.8	481994.68	6479214.3	231.24	177.95	113.52	120	117.72	54638.34	-0.79	2	-0.17	-119.59	-35.02	0	0	-120	-35	8.61	8.1	7.72	7.32	6.82	6.24	5.56
D	6	2610.8	-31.82	134.8	481994.85	6479227.72	231.29	178.08	113.24	120	118.05	54645.27	-0.8	2.06	-0.12	-119.56	-35.05	0	0	-120	-35	8.59	8.09	7.71	7.31	6.81	6.22	5.54
D	6	2611	-31.82	134.8	481995.03	6479241.14	231.36	178.17	113.06	120	118.3	54653.21	-0.8	2.11	-0.09	-119.54	-35.07	0	0	-120	-35	8.58	8.07	7.7	7.29	6.79	6.2	5.53
D	6	2611.2	-31.82	134.8	481995.22	6479254.55	231.44	178.22	113.04	120	118.4	54662.21	-0.79	2.13	-0.09	-119.52	-35.06	0	0	-120	-35	8.55	8.05	7.68	7.27	6.77	6.18	5.5
D	6	2611.4	-31.82	134.8	481995.41	6479267.97	231.53	178.24	113.18	120	118.35	54672.33	-0.78	2.12	-0.02	-119.51	-35.07	0	0	-120	-35	8.53	8.02	7.65	7.24	6.74	6.15	5.47
D	6	2611.6	-31.82	134.8	481995.63	6479281.38	231.62	178.25	113.41	120	118.21	54683.62	-0.75	2.07	0.14	-119.5	-35.04	0	0	-120	-35	8.49	7.99	7.62	7.21	6.71	6.12	5.44
D	6	2611.8	-31.82	134.8	481995.85	6479294.79	231.71	178.27	113.62	120	118.09	54696.1	-0.72	2.01	0.33	-119.51	-35.04	0	0	-120	-35	8.46	7.96	7.58	7.18	6.68	6.09	5.42
D	6	2612	-31.82	134.8	481996.08	6479308.2	231.79	178.31	113.76	120	118.03	54709.8	-0.67	1.95	0.47	-119.52	-35.01	0	0	-120	-35	8.44	7.93	7.55	7.15	6.65	6.06	5.39
D	6	2612.2	-31.82	134.8	481996.33	6479321.61	231.85	178.35	113.82	120	118.03	54724.75	-0.61	1.89	0.58	-119.52	-34.98	0	0	-120	-35	8.42	7.9	7.53	7.13	6.63	6.04	5.37
D	6	2612.4	-31.82	134.8	481996.59	6479335.01	231.91	178.4	113.82	120	118.09	54740.92	-0.53	1.85	0.69	-119.55	-34.93	0	0	-120	-35	8.4	7.88	7.51	7.1	6.61	6.02	5.35
D	6	2612.6	-31.82	134.8	481996.86	6479348.41	231.96	178.42	113.75	120	118.21	54758.23	-0.44	1.83	0.8	-119.58	-34.88	0	0	-120	-35	8.39	7.86	7.49	7.08	6.59	6	5.33
D	6	2612.8	-31.82	134.8	481997.15	6479361.8	232.02	178.43	113.62	120	118.39	54776.54	-0.34	1.84	0.93	-119.64	-34.82	0	0	-120	-35	8.38	7.84	7.47	7.07	6.57	5.98	5.31
D	6	2613	-31.82	134.8	481997.44	6479375.19	232.08	178.42	113.38	120	118.7	54795.61	-0.24	1.9	1.15	-119.67	-34.73	0	0	-120	-35	8.36	7.82	7.45	7.04	6.55	5.96	5.29
D	6	2613.2	-31.82	134.8	481997.76	6479388.58	232.15	178.43	113	120	119.16	54815.24	-0.12	2.03	1.39	-119.72	-34.63	0	0	-120	-35	8.34	7.79	7.43	7.02	6.52	5.94	5.27
D	6	2613.4	-31.82	134.8	481998.09	6479401.96	232.24	178.47	112.55	120	119.68	54835.24	0	2.2	1.54	-119.78	-34.57	0	0	-120	-35	8.31	7.77	7.41	7	6.5	5.92	5.25
D	6	2613.6	-31.82	134.8	481998.43	6479415.33	232.34	178.56	112.13	120	120.2	54855.46	0.12	2.4	1.57	-119.83	-34.48	0	0	-120	-35	8.28	7.74	7.38	6.97	6.47	5.89	5.23
D	6	2613.8	-31.82	134.8	481998.78	6479428.7	232.45	178.72	111.88	120	120.57	54875.68	0.24	2.62	1.54	-119.87	-34.44	0	0	-120	-35	8.25	7.71	7.36	6.94	6.45	5.87	5.21
D	6	2614	-31.82	134.8	481999.16	6479442.06	232.6	178.93	111.95	120	120.64	54895.64	0.36	2.81	1.47	-119.88	-34.43	0	0	-120	-35	8.22	7.68	7.33	6.92	6.42	5.85	5.19
D	6	2614.2	-31.82	134.8	481999.54	6479455.42	232.76	179.18	112.31	120	120.46	54915.09	0.48	2.94	1.38	-119.88	-34.43	0	0	-120	-35	8.18	7.66	7.3	6.89	6.4	5.82	5.17
D	6	2614.4	-31.82	134.8	481999.94	6479468.76	232.96	179.43	112.9	120	120.06	54933.84	0.59	3.02	1.28	-119.87	-34.49	0	0	-120	-35	8.15	7.63	7.27	6.86	6.37	5.8	5.14
D	6	2614.6	-31.82	134.8	482000.36	6479482.1	233.18	179.67	113.62	120	119.56	54951.69	0.68	3.1	1.22	-119.86	-34.55	0	0	-120	-35	8.11	7.6	7.24	6.83	6.34	5.77	5.12
D	6	2614.8	-31.82	134.8	482000.79	6479495.42	233.42	179.9	114.32	120	119.1	54968.5	0.77	3.16	1.18	-119.83	-34.67	0	0	-120	-35	8.07	7.57	7.21	6.8	6.31	5.74	5.09
D	6	2615	-31.81	134.8	482001.22	6479508.74	233.69	180.12	114.95	120	118.74	54984.12	0.84	3.2	1.12	-119.78	-34.81	0	0	-120	-35	8.03	7.54	7.17	6.76	6.27	5.7	5.05
D	6	2615.2	-31.81	134.8	482001.67	6479522.05	233.98	180.36	115.47	120	118.51	54998.46	0.9	3.24	1	-119.74	-34.93	0	0	-120	-35	7.99	7.5	7.12	6.72	6.24	5.67	5.02
D	6	2615.4	-31.81	134.8	482002.12	6479535.35	234.29	180.64	115.88	120	118.41	55011.47	0.95	3.28	0.85	-119.68	-35.12	0	0	-120	-35	7.94	7.45	7.08	6.68	6.2	5.63	4.99
D	6	2615.6	-31.81	134.8	482002.58	6479548.64	234.62	180.95	116.2	120	118.42	55023.18	0.98	3.36	0.67	-119.6	-35.32	0	0	-120	-35	7.9	7.41	7.04	6.64	6.16	5.59	4.95
D	6	2615.8	-31.81	134.8	482003.05	6479561.92	234.97	181.32	116.47	120	118.5	55033.64	1	3.43	0.45	-119.53	-35.55	0	0	-120	-35	7.85	7.36	6.99	6.6	6.12	5.56	4.92
D	6	2616	-31.81	134.8	482003.52	6479575.19	235.35	181.73	116.73	120	118.61	55042.9	1.01	3.47	0.23	-119.44	-35.8	0	0	-120	-35	7.81	7.32	6.95	6.56	6.08	5.52	4.88
D	6	2616.2	-31.81	134.8	482004	6479588.45	235.74	182.17	116.98	120	118.76	55051.08	1.02	3.51	0.01	-119.32	-36.05	0	0	-120	-35	7.76	7.26	6.9	6.51	6.03	5.48	4.85
D	6	2616.4	-31.81	134.8	482004.48	6479601.7	236.15	182.63	117.25	120	118.91	55058.26	1.02	3.52	-0.19	-119.21	-36.3	0	0	-120	-35	7.71	7.21	6.85	6.46	5.99	5.43	4.81
D	6	2616.6	-31.81	134.8	482004.96	6479614.94	236.59	183.05	117.55	120	119.04	55064.5	1.01	3.52	-0.33	-119.08	-36.56	0	0	-120	-35	7.65	7.15	6.79	6.41	5.93	5.38	4.76
D	6	2616.8	-31.81	134.8	482005.45	6479628.17	237.04	183.43	117.89	120	119.14	55069.79	1	3.51	-0.44	-118.95	-36.76	0	0	-120	-35	7.57	7.08	6.73	6.34	5.87	5.33	4.71
D	6	2617																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2624.6	-31.81	134.81	482018.33	6480138.17	251.35	197.81	127.84	120	123.51	55056.28	0.49	1.48	-0.11	-119.56	-35.1	0	0	-120	-35	5.05	4.78	4.5	4.26	3.95	3.59	3.2
D	6	2624.8	-31.81	134.81	482018.47	6480151.14	251.47	197.91	127.93	120	123.54	55056.06	0.51	1.24	0.06	-119.54	-34.96	0	0	-120	-35	4.99	4.73	4.46	4.22	3.91	3.55	3.16
D	6	2625	-31.81	134.81	482018.62	6480164.11	251.57	198.02	128.05	120	123.52	55055.7	0.53	1.01	0.14	-119.53	-34.79	0	0	-120	-35	4.95	4.69	4.43	4.18	3.88	3.53	3.14
D	6	2625.2	-31.81	134.81	482018.76	6480177.09	251.62	198.1	128.18	120	123.44	55055.21	0.56	0.83	0.07	-119.55	-34.59	0	0	-120	-35	4.93	4.66	4.41	4.16	3.86	3.51	3.13
D	6	2625.4	-31.81	134.81	482018.92	6480190.08	251.64	198.17	128.33	120	123.32	55054.58	0.58	0.67	-0.06	-119.57	-34.44	0	0	-120	-35	4.93	4.65	4.4	4.15	3.85	3.5	3.12
D	6	2625.6	-31.81	134.81	482019.07	6480203.06	251.63	198.18	128.46	120	123.17	55053.68	0.6	0.55	-0.19	-119.61	-34.24	0	0	-120	-35	4.93	4.64	4.39	4.15	3.84	3.49	3.11
D	6	2625.8	-31.81	134.81	482019.22	6480216.05	251.59	198.11	128.59	120	123	55052.35	0.62	0.49	-0.28	-119.65	-34.09	0	0	-120	-35	4.94	4.64	4.4	4.15	3.84	3.49	3.11
D	6	2626	-31.81	134.81	482019.37	6480229.04	251.52	198	128.78	120	122.74	55050.49	0.64	0.46	-0.41	-119.69	-33.9	0	0	-120	-35	4.95	4.65	4.4	4.15	3.85	3.49	3.11
D	6	2626.2	-31.81	134.81	482019.52	6480242.04	251.42	197.87	129.01	120	122.41	55048.06	0.65	0.45	-0.61	-119.79	-33.72	0	0	-120	-35	4.96	4.65	4.4	4.15	3.85	3.49	3.11
D	6	2626.4	-31.81	134.81	482019.67	6480255.04	251.3	197.73	129.26	120	122.04	55045.04	0.66	0.46	-0.92	-119.87	-33.51	0	0	-120	-35	4.96	4.65	4.41	4.15	3.85	3.49	3.11
D	6	2626.6	-31.81	134.81	482019.81	6480268.05	251.16	197.6	129.47	120	121.69	55041.39	0.66	0.46	-1.26	-119.97	-33.25	0	0	-120	-35	4.96	4.66	4.41	4.16	3.85	3.5	3.11
D	6	2626.8	-31.81	134.81	482019.94	6480281.07	250.99	197.44	129.57	120	121.43	55037.04	0.65	0.48	-1.54	-120.1	-33.01	0	0	-120	-35	4.96	4.66	4.41	4.16	3.85	3.5	3.11
D	6	2627	-31.81	134.81	482020.07	6480294.09	250.81	197.25	129.55	120	121.26	55031.96	0.64	0.5	-1.78	-120.24	-32.77	0	0	-120	-35	4.96	4.67	4.42	4.17	3.86	3.51	3.12
D	6	2627.2	-31.81	134.81	482020.19	6480307.12	250.62	197.01	129.45	120	121.17	55026.19	0.62	0.52	-1.96	-120.37	-32.49	0	0	-120	-35	4.98	4.69	4.43	4.18	3.87	3.52	3.13
D	6	2627.4	-31.81	134.81	482020.3	6480320.16	250.42	196.73	129.31	120	121.11	55019.78	0.6	0.53	-2.04	-120.54	-32.28	0	0	-120	-35	5	4.71	4.45	4.2	3.89	3.53	3.15
D	6	2627.6	-31.81	134.81	482020.41	6480333.21	250.22	196.43	129.16	120	121.05	55012.75	0.57	0.54	-1.98	-120.71	-32.03	0	0	-120	-35	5.03	4.73	4.48	4.23	3.91	3.55	3.16
D	6	2627.8	-31.81	134.81	482020.5	6480346.26	250.01	196.09	129.01	120	121	55005.06	0.53	0.58	-1.74	-120.87	-31.83	0	0	-120	-35	5.06	4.76	4.5	4.25	3.93	3.57	3.18
D	6	2628	-31.81	134.81	482020.57	6480359.32	249.8	195.74	128.8	120	121	54996.74	0.48	0.64	-1.5	-121.01	-31.65	0	0	-120	-35	5.09	4.78	4.52	4.27	3.95	3.59	3.19
D	6	2628.2	-31.81	134.81	482020.63	6480372.39	249.6	195.43	128.47	120	121.13	54987.87	0.43	0.73	-1.43	-121.17	-31.5	0	0	-120	-35	5.12	4.8	4.55	4.29	3.97	3.6	3.21
D	6	2628.4	-31.81	134.81	482020.68	6480385.46	249.4	195.15	127.98	120	121.43	54978.57	0.37	0.83	-1.49	-121.27	-31.37	0	0	-120	-35	5.14	4.82	4.57	4.3	3.98	3.62	3.22
D	6	2628.6	-31.81	134.81	482020.7	6480398.53	249.22	194.97	127.28	120	121.94	54968.94	0.31	0.91	-1.65	-121.37	-31.29	0	0	-120	-35	5.16	4.84	4.59	4.32	4	3.63	3.23
D	6	2628.8	-31.81	134.81	482020.71	6480411.62	249.04	194.92	126.38	120	122.66	54959.14	0.25	0.99	-1.89	-121.45	-31.24	0	0	-120	-35	5.18	4.86	4.61	4.34	4.02	3.65	3.25
D	6	2629	-31.81	134.81	482020.7	6480424.71	248.87	194.96	125.32	120	123.55	54949.31	0.2	1.06	-2.12	-121.47	-31.24	0	0	-120	-35	5.21	4.89	4.64	4.37	4.04	3.68	3.27
D	6	2629.2	-31.81	134.81	482020.67	6480437.8	248.72	195.07	124.14	120	124.58	54939.56	0.14	1.09	-2.16	-121.5	-31.3	0	0	-120	-35	5.25	4.93	4.68	4.4	4.08	3.71	3.3
D	6	2629.4	-31.81	134.81	482020.63	6480450.9	248.58	195.11	122.87	120	125.71	54929.97	0.09	1.13	-2.01	-121.53	-31.41	0	0	-120	-35	5.3	4.98	4.72	4.44	4.11	3.74	3.33
D	6	2629.6	-31.81	134.81	482020.57	6480464.01	248.46	194.99	121.55	120	126.9	54920.54	0.04	1.21	-1.73	-121.52	-31.55	0	0	-120	-35	5.35	5.02	4.76	4.48	4.15	3.77	3.36
D	6	2629.8	-31.81	134.81	482020.51	6480477.12	248.35	194.74	120.24	120	128.11	54911.33	-0.01	1.27	-1.47	-121.48	-31.74	0	0	-120	-35	5.41	5.07	4.8	4.52	4.19	3.8	3.39
D	6	2630	-31.81	134.81	482020.43	6480490.24	248.26	194.44	119.01	120	129.25	54902.38	-0.04	1.29	-1.16	-121.43	-31.92	0	0	-120	-35	5.45	5.11	4.84	4.56	4.22	3.83	3.41
D	6	2630.2	-31.81	134.81	482020.34	6480503.36	248.18	194.18	117.96	120	130.22	54893.8	-0.08	1.32	-0.89	-121.39	-32.16	0	0	-120	-35	5.49	5.15	4.88	4.59	4.25	3.86	3.43
D	6	2630.4	-31.81	134.81	482020.25	6480516.48	248.13	194.07	117.25	120	130.88	54885.69	-0.11	1.39	-0.58	-121.3	-32.37	0	0	-120	-35	5.53	5.18	4.9	4.62	4.27	3.88	3.45
D	6	2630.6	-31.81	134.81	482020.15	6480529.6	248.09	194.04	116.96	120	131.12	54878.06	-0.14	1.48	-0.18	-121.22	-32.59	0	0	-120	-35	5.56	5.2	4.93	4.64	4.29	3.89	3.46
D	6	2630.8	-31.81	134.81	482020.06	6480542.73	248.05	194.04	117.16	120	130.89	54870.87	-0.16	1.59	0.23	-121.11	-32.77	0	0	-120	-35	5.58	5.23	4.95	4.66	4.31	3.91	3.47
D	6	2631	-31.81	134.81	482019.96	6480555.85	248.02	194.04	117.86	120	130.16	54864.07	-0.18	1.68	0.64	-121.01	-32.95	0	0	-120	-35	5.6	5.25	4.97	4.67	4.32	3.92	3.48
D	6	2631.2	-31.81	134.81	482019.86	6480568.98	247.99	194.04	118.91	120	129.07	54857.59	-0.19	1.75	0.94	-120.9	-33.12	0	0	-120	-35	5.62	5.26	4.98	4.69	4.33	3.93	3.49
D	6	2631.4	-31.81	134.81	482019.77	6480582.11	247.96	194.05	120.21	120	127.75	54851.44	-0.21	1.78	1.05	-120.8	-33.29	0	0	-120	-35	5.63	5.28	4.99	4.69	4.34	3.93	3.49
D	6	2631.6	-31.81	134.81	482019.69	6480595.23	247.93	194.16	121.61	120	126.32	54845.65	-0.22	1.78	1	-120.67	-33.47	0	0	-120	-35	5.65	5.29	5	4.7	4.34	3.94	3.49
D	6	2631.8	-31.81	134.81	482019.6	6480608.36	247.92	194.3	123.01	120	124.91	54840.23	-0.23	1.78	0.83	-120.57	-33.62	0	0	-120	-35	5.66	5.3	5.01	4.71	4.35	3.94	3.5
D	6	2632	-31.8	134.81	482019.53	6480621.48	247.93	194.4	124.28	120	123.65	54835.15	-0.23	1.82	0.65	-120.47	-33.82	0	0	-120	-35	5.68	5.31	5.02	4.72	4.35	3.94	3.5
D	6	2632.2	-31.8	134.81	482019.47	6480634.6	247.96	194.44	125.35	120	122.61	54830.31	-0.24	1.87	0.51	-120.37	-34.02	0	0	-120	-35	5.69	5.32	5.02	4.72	4.36	3.95	3.5
D	6	2632.4	-31.8	134.81	482019.41	6480647.72	248	194.39	126.17	120	121.83	54825.7	-0.24	1.96	0.26	-120.27	-34.22	0	0	-120	-35	5.71	5.32	5.03	4.73	4.36	3.95	3.5
D	6	2632.6	-31.8	134.81	482019.36	6480660.83	248.05	194.32	126.71	120	121.34	54821.37	-0.25	2.01	-0.04	-120.17	-34.41	0	0	-120	-35	5.72	5.32	5.04	4.73	4.36	3.95	3.5
D	6	2632.8	-31.8	134.81	482019.3	6480673.95	248.11	194.33	127.04	120	121.07	54817.33	-0.25	1.97	-0.24	-120.08	-34.58	0	0	-120	-35	5.73	5.33	5.04	4.74	4.37	3.95	3.5
D	6	2633	-31.8	134.81	482019.25	6480687.06	248.17	194.42	127.2	120	120.97	54813.46	-0.26	1.82	-0.31	-120	-34.75	0	0	-120	-35	5.74	5.33	5.05	4.74	4.37	3.96	3.5
D	6	2633.2	-31.8	134.81	482019.2	6480700.17	248.23	194.57	127.22	120	121.01	54809.71	-0.27	1.66	-0.41	-119.92	-34.87	0	0	-120	-35	5.74	5.33	5.05	4.74	4.37	3.9	

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2641	-31.8	134.8	482009.55	6481210.99	248.91	195.09	116.87	120	132.04	54859.63	0.3	1.74	2.42	-121.16	-33.67	0	0	-120	-35	5.75	5.27	4.96	4.65	4.28	3.85	3.4
D	6	2641.2	-31.8	134.8	482009.38	6481224.07	248.94	195.01	116.1	120	132.84	54857.76	0.28	1.78	2.11	-121.05	-33.82	0	0	-120	-35	5.76	5.27	4.97	4.66	4.28	3.86	3.4
D	6	2641.4	-31.8	134.8	482009.22	6481237.15	248.99	194.97	115.35	120	133.64	54855.59	0.25	1.83	1.73	-120.93	-34	0	0	-120	-35	5.77	5.27	4.98	4.66	4.28	3.86	3.4
D	6	2641.6	-31.8	134.8	482009.08	6481250.23	249.05	194.96	114.72	120	134.33	54853.2	0.23	1.88	1.4	-120.8	-34.17	0	0	-120	-35	5.77	5.28	4.98	4.66	4.28	3.86	3.4
D	6	2641.8	-31.8	134.8	482008.94	6481263.31	249.11	195.02	114.25	120	134.86	54850.67	0.2	1.91	1.19	-120.68	-34.35	0	0	-120	-35	5.77	5.27	4.98	4.66	4.28	3.86	3.4
D	6	2642	-31.8	134.8	482008.81	6481276.38	249.18	195.13	113.96	120	135.22	54848.02	0.18	1.84	0.93	-120.57	-34.55	0	0	-120	-35	5.77	5.27	4.97	4.65	4.27	3.85	3.39
D	6	2642.2	-31.8	134.8	482008.68	6481289.46	249.26	195.27	113.83	120	135.42	54845.27	0.15	1.73	0.67	-120.48	-34.75	0	0	-120	-35	5.77	5.27	4.97	4.65	4.27	3.85	3.39
D	6	2642.4	-31.8	134.8	482008.56	6481302.53	249.34	195.45	113.81	120	135.52	54842.43	0.12	1.68	0.47	-120.41	-34.93	0	0	-120	-35	5.78	5.28	4.97	4.65	4.27	3.85	3.39
D	6	2642.6	-31.8	134.8	482008.44	6481315.6	249.43	195.67	113.82	120	135.61	54839.54	0.1	1.69	0.38	-120.33	-35.11	0	0	-120	-35	5.79	5.28	4.97	4.65	4.27	3.85	3.39
D	6	2642.8	-31.8	134.8	482008.33	6481328.67	249.53	195.92	113.8	120	135.73	54836.66	0.07	1.73	0.44	-120.29	-35.26	0	0	-120	-35	5.8	5.29	4.98	4.65	4.27	3.85	3.39
D	6	2643	-31.8	134.8	482008.23	6481341.74	249.64	196.2	113.72	120	135.93	54833.84	0.05	1.81	0.56	-120.23	-35.39	0	0	-120	-35	5.81	5.28	4.97	4.64	4.26	3.84	3.38
D	6	2643.2	-31.8	134.8	482008.14	6481354.81	249.77	196.46	113.56	120	136.21	54831.18	0.02	1.89	0.62	-120.19	-35.51	0	0	-120	-35	5.8	5.26	4.95	4.62	4.24	3.82	3.36
D	6	2643.4	-31.8	134.8	482008.06	6481367.88	249.91	196.68	113.37	120	136.54	54828.75	0.01	1.93	0.66	-120.17	-35.62	0	0	-120	-35	5.78	5.23	4.92	4.59	4.21	3.79	3.33
D	6	2643.6	-31.8	134.8	482007.98	6481380.96	250.07	196.83	113.16	120	136.91	54826.55	-0.01	1.95	0.73	-120.14	-35.68	0	0	-120	-35	5.74	5.2	4.89	4.56	4.18	3.76	3.3
D	6	2643.8	-31.8	134.8	482007.92	6481394.03	250.25	196.89	112.9	120	137.36	54824.61	-0.01	2	0.8	-120.09	-35.77	0	0	-120	-35	5.7	5.15	4.85	4.52	4.14	3.73	3.27
D	6	2644	-31.8	134.8	482007.87	6481407.09	250.46	196.96	112.59	120	137.87	54822.94	-0.02	2.1	0.76	-120.08	-35.82	0	0	-120	-35	5.66	5.12	4.81	4.49	4.11	3.7	3.24
D	6	2644.2	-31.8	134.8	482007.83	6481420.16	250.7	197.06	112.27	120	138.43	54821.58	-0.03	2.22	0.61	-120.05	-35.9	0	0	-120	-35	5.62	5.09	4.77	4.46	4.08	3.67	3.22
D	6	2644.4	-31.8	134.8	482007.8	6481433.22	250.96	197.26	111.95	120	139.01	54820.53	-0.03	2.35	0.45	-120.03	-35.96	0	0	-120	-35	5.6	5.06	4.75	4.43	4.06	3.65	3.2
D	6	2644.6	-31.8	134.8	482007.78	6481446.28	251.24	197.57	111.7	120	139.54	54819.83	-0.03	2.46	0.29	-120	-36	0	0	-120	-35	5.59	5.05	4.73	4.42	4.05	3.64	3.19
D	6	2644.8	-31.8	134.8	482007.77	6481459.34	251.53	197.89	111.5	120	140.03	54819.49	-0.02	2.54	0.23	-119.97	-36.03	0	0	-120	-35	5.6	5.04	4.72	4.41	4.04	3.63	3.18
D	6	2645	-31.8	134.8	482007.76	6481472.38	251.82	198.14	111.32	120	140.5	54819.51	-0.01	2.64	0.34	-119.96	-36.04	0	0	-120	-35	5.61	5.03	4.72	4.4	4.04	3.62	3.17
D	6	2645.2	-31.8	134.8	482007.75	6481485.43	252.1	198.27	111.14	120	140.96	54819.81	0.01	2.78	0.49	-119.94	-36.01	0	0	-120	-35	5.62	5.02	4.71	4.39	4.03	3.61	3.15
D	6	2645.4	-31.8	134.8	482007.74	6481498.46	252.39	198.27	111.01	120	141.37	54820.32	0.03	2.95	0.51	-119.92	-35.94	0	0	-120	-35	5.61	5	4.69	4.38	4.01	3.59	3.14
D	6	2645.6	-31.8	134.8	482007.73	6481511.49	252.67	198.36	111.03	120	141.64	54820.93	0.05	3.04	0.34	-119.93	-35.83	0	0	-120	-35	5.58	4.96	4.66	4.34	3.98	3.56	3.11
D	6	2645.8	-31.8	134.8	482007.71	6481524.5	252.94	198.57	111.21	120	141.73	54821.61	0.08	3.06	-0.01	-119.96	-35.65	0	0	-120	-35	5.51	4.9	4.6	4.29	3.93	3.52	3.06
D	6	2646	-31.8	134.8	482007.68	6481537.51	253.19	198.95	111.54	120	141.66	54822.34	0.11	3.04	-0.37	-120	-35.46	0	0	-120	-35	5.43	4.84	4.54	4.24	3.88	3.47	3.02
D	6	2646.2	-31.8	134.8	482007.64	6481550.5	253.44	199.46	111.91	120	141.53	54823.04	0.14	2.98	-0.72	-120.06	-35.26	0	0	-120	-35	5.35	4.78	4.48	4.18	3.83	3.42	2.98
D	6	2646.4	-31.8	134.8	482007.58	6481563.48	253.68	199.94	112.21	120	141.47	54823.57	0.16	2.94	-0.98	-120.12	-35.04	0	0	-120	-35	5.28	4.73	4.43	4.14	3.79	3.39	2.94
D	6	2646.6	-31.8	134.8	482007.51	6481576.45	253.91	200.36	112.43	120	141.48	54823.75	0.18	2.94	-1.17	-120.18	-34.91	0	0	-120	-35	5.23	4.69	4.39	4.1	3.75	3.35	2.91
D	6	2646.8	-31.8	134.8	482007.43	6481589.4	254.13	200.75	112.58	120	141.55	54823.48	0.19	2.99	-1.35	-120.27	-34.81	0	0	-120	-35	5.21	4.67	4.37	4.08	3.74	3.34	2.9
D	6	2647	-31.8	134.8	482007.35	6481602.35	254.35	201.05	112.71	120	141.64	54822.74	0.2	3.07	-1.45	-120.31	-34.74	0	0	-120	-35	5.2	4.66	4.36	4.08	3.73	3.34	2.89
D	6	2647.2	-31.8	134.8	482007.26	6481615.29	254.55	201.28	112.87	120	141.68	54821.6	0.2	3.16	-1.39	-120.36	-34.75	0	0	-120	-35	5.22	4.67	4.37	4.08	3.74	3.34	2.89
D	6	2647.4	-31.8	134.8	482007.16	6481628.22	254.74	201.48	113.05	120	141.7	54820.14	0.19	3.26	-1.22	-120.42	-34.81	0	0	-120	-35	5.25	4.67	4.38	4.09	3.75	3.35	2.9
D	6	2647.6	-31.8	134.8	482007.07	6481641.14	254.95	201.68	113.23	120	141.71	54818.37	0.18	3.38	-0.82	-120.43	-34.91	0	0	-120	-35	5.27	4.68	4.39	4.1	3.75	3.36	2.9
D	6	2647.8	-31.8	134.8	482006.99	6481654.05	255.18	201.99	113.42	120	141.76	54816.21	0.17	3.43	-0.18	-120.45	-35.04	0	0	-120	-35	5.28	4.68	4.39	4.1	3.76	3.36	2.91
D	6	2648	-31.8	134.8	482006.93	6481666.96	255.46	202.42	113.58	120	141.88	54813.66	0.15	3.35	0.46	-120.45	-35.25	0	0	-120	-35	5.28	4.67	4.39	4.1	3.76	3.36	2.91
D	6	2648.2	-31.8	134.8	482006.89	6481679.85	255.79	202.89	113.67	120	142.12	54810.78	0.12	3.17	0.89	-120.41	-35.44	0	0	-120	-35	5.27	4.65	4.38	4.09	3.75	3.36	2.9
D	6	2648.4	-31.8	134.8	482006.88	6481692.74	256.17	203.31	113.67	120	142.49	54807.69	0.09	2.96	1.12	-120.36	-35.62	0	0	-120	-35	5.25	4.64	4.36	4.08	3.74	3.35	2.9
D	6	2648.6	-31.8	134.8	482006.88	6481705.62	256.55	203.64	113.58	120	142.97	54804.5	0.06	2.7	1.33	-120.28	-35.8	0	0	-120	-35	5.24	4.63	4.35	4.07	3.73	3.35	2.9
D	6	2648.8	-31.79	134.8	482006.9	6481718.49	256.91	203.83	113.45	120	143.46	54801.3	0.03	2.5	1.42	-120.22	-35.95	0	0	-120	-35	5.25	4.62	4.34	4.06	3.72	3.34	2.9
D	6	2649	-31.79	134.8	482006.93	6481731.35	257.21	203.95	113.33	120	143.88	54798.21	0.01	2.41	1.31	-120.13	-36.07	0	0	-120	-35	5.25	4.61	4.34	4.05	3.72	3.34	2.89
D	6	2649.2	-31.79	134.8	482006.98	6481744.21	257.43	204.03	113.31	120	144.12	54795.29	-0.02	2.41	1.11	-120.07	-36.13	0	0	-120	-35	5.26	4.6	4.33	4.04	3.71	3.33	2.89
D	6	2649.4	-31.79	134.8	482007.04	6481757.05	257.6	204.1	113.41	120	144.19	54792.55	-0.04	2.49	0.83	-120.03	-36.11	0	0	-120	-35	5.26	4.58	4.31	4.03	3.7	3.32	2.89
D	6	2649.6	-31.79	134.8	482007.1	6481769.89	257.72	204.2	113.58	120	144.14	54790.01	-0.06	2.62	0.48	-119.99	-36.05	0	0	-120	-35	5.23	4.55	4.28	4	3.67	3.3	2.87
D	6	2649.8	-31.79	134.8	48200																							

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2657.4	-31.79	134.8	482007.5	6482267.38	264.26	211.52	114.23	120	150.03	54769.63	0.17	3.85	0.96	-119.55	-36.62	0	0	-120	-35	4.76	3.87	3.57	3.33	3.06	2.76	2.44
D	6	2657.6	-31.79	134.8	482007.48	6482280.05	264.51	211.75	114.43	120	150.08	54765.72	0.15	3.89	1.27	-119.53	-36.75	0	0	-120	-35	4.76	3.85	3.55	3.31	3.04	2.74	2.43
D	6	2657.8	-31.79	134.8	482007.48	6482292.7	264.8	211.91	114.74	120	150.06	54761.79	0.13	3.91	1.61	-119.53	-36.97	0	0	-120	-35	4.75	3.83	3.54	3.3	3.02	2.73	2.42
D	6	2658	-31.79	134.8	482007.51	6482305.35	265.14	212.05	115.04	120	150.1	54757.86	0.11	3.93	2.07	-119.47	-37.23	0	0	-120	-35	4.75	3.82	3.52	3.28	3.01	2.71	2.41
D	6	2658.2	-31.79	134.8	482007.56	6482317.99	265.54	212.17	115.24	120	150.3	54753.88	0.09	3.92	2.54	-119.38	-37.55	0	0	-120	-35	4.74	3.8	3.5	3.26	2.99	2.7	2.39
D	6	2658.4	-31.79	134.8	482007.65	6482330.62	265.98	212.37	115.26	120	150.73	54749.88	0.07	3.86	2.81	-119.24	-37.86	0	0	-120	-35	4.73	3.78	3.48	3.24	2.97	2.68	2.38
D	6	2658.6	-31.79	134.8	482007.76	6482343.24	266.46	212.68	115.09	120	151.37	54745.92	0.06	3.76	2.86	-119.09	-38.22	0	0	-120	-35	4.73	3.76	3.47	3.22	2.95	2.66	2.36
D	6	2658.8	-31.79	134.8	482007.88	6482355.84	266.94	213.04	114.79	120	152.15	54742.02	0.04	3.63	2.79	-118.93	-38.54	0	0	-120	-35	4.72	3.74	3.45	3.2	2.93	2.65	2.35
D	6	2659	-31.79	134.8	482008	6482368.44	267.39	213.43	114.32	120	153.07	54738.16	0.02	3.51	2.59	-118.74	-38.82	0	0	-120	-35	4.71	3.72	3.43	3.18	2.91	2.63	2.33
D	6	2659.2	-31.79	134.8	482008.13	6482381.03	267.82	213.78	113.72	120	154.1	54734.32	0.01	3.42	2.2	-118.58	-39.08	0	0	-120	-35	4.7	3.7	3.41	3.15	2.89	2.61	2.31
D	6	2659.4	-31.79	134.8	482008.26	6482393.6	268.22	214.14	113.02	120	155.2	54730.49	0	3.39	1.62	-118.45	-39.22	0	0	-120	-35	4.69	3.68	3.39	3.13	2.87	2.59	2.3
D	6	2659.6	-31.79	134.8	482008.38	6482406.16	268.59	214.52	112.29	120	156.3	54726.75	-0.01	3.46	0.69	-118.34	-39.35	0	0	-120	-35	4.67	3.66	3.37	3.11	2.85	2.57	2.28
D	6	2659.8	-31.79	134.8	482008.49	6482418.72	268.94	214.95	111.68	120	157.25	54723.21	-0.02	3.55	-0.46	-118.26	-39.35	0	0	-120	-35	4.65	3.63	3.34	3.08	2.82	2.55	2.26
D	6	2660	-31.79	134.8	482008.58	6482431.27	269.26	215.47	111.27	120	157.99	54719.88	-0.03	3.65	-1.45	-118.2	-39.39	0	0	-120	-35	4.63	3.61	3.31	3.05	2.8	2.52	2.24
D	6	2660.2	-31.79	134.8	482008.65	6482443.82	269.55	215.99	111.05	120	158.5	54716.72	-0.03	3.78	-2	-118.17	-39.36	0	0	-120	-35	4.6	3.57	3.27	3.02	2.77	2.5	2.21
D	6	2660.4	-31.79	134.8	482008.7	6482456.36	269.81	216.51	110.94	120	158.87	54713.67	-0.04	3.83	-2.1	-118.14	-39.32	0	0	-120	-35	4.57	3.54	3.23	2.99	2.74	2.47	2.19
D	6	2660.6	-31.79	134.8	482008.73	6482468.9	270.06	217.04	110.81	120	159.25	54710.67	-0.04	3.83	-1.98	-118.13	-39.27	0	0	-120	-35	4.55	3.51	3.2	2.96	2.71	2.44	2.17
D	6	2660.8	-31.79	134.8	482008.76	6482481.43	270.31	217.51	110.54	120	159.78	54707.68	-0.05	3.82	-1.63	-118.12	-39.22	0	0	-120	-35	4.54	3.48	3.18	2.93	2.68	2.43	2.15
D	6	2661	-31.79	134.8	482008.79	6482493.96	270.58	217.92	110.14	120	160.44	54704.73	-0.05	3.8	-1.21	-118.14	-39.15	0	0	-120	-35	4.54	3.46	3.16	2.91	2.67	2.41	2.14
D	6	2661.2	-31.79	134.8	482008.82	6482506.49	270.87	218.26	109.74	120	161.13	54701.89	-0.06	3.82	-0.92	-118.13	-39.1	0	0	-120	-35	4.55	3.45	3.15	2.9	2.65	2.4	2.13
D	6	2661.4	-31.79	134.8	482008.84	6482519.01	271.18	218.5	109.5	120	161.68	54699.18	-0.06	3.82	-0.64	-118.19	-39.04	0	0	-120	-35	4.57	3.43	3.14	2.89	2.64	2.39	2.12
D	6	2661.6	-31.79	134.8	482008.88	6482531.53	271.5	218.75	109.59	120	161.91	54696.59	-0.07	3.74	-0.24	-118.22	-39	0	0	-120	-35	4.58	3.43	3.13	2.88	2.63	2.38	2.11
D	6	2661.8	-31.79	134.8	482008.92	6482544.05	271.83	219.05	110.08	120	161.76	54694.04	-0.07	3.6	0.12	-118.28	-38.95	0	0	-120	-35	4.59	3.42	3.12	2.87	2.62	2.37	2.1
D	6	2662	-31.79	134.8	482008.98	6482556.56	272.17	219.36	110.96	120	161.21	54691.53	-0.08	3.48	0.42	-118.33	-38.89	0	0	-120	-35	4.59	3.41	3.11	2.86	2.61	2.36	2.09
D	6	2662.2	-31.79	134.8	482009.05	6482569.07	272.52	219.71	112.11	120	160.4	54689.09	-0.08	3.39	0.73	-118.39	-38.79	0	0	-120	-35	4.56	3.4	3.09	2.84	2.6	2.34	2.08
D	6	2662.4	-31.79	134.8	482009.13	6482581.57	272.87	220.05	113.48	120	159.38	54686.8	-0.08	3.38	1.02	-118.45	-38.63	0	0	-120	-35	4.52	3.37	3.06	2.82	2.57	2.32	2.06
D	6	2662.6	-31.79	134.8	482009.22	6482594.07	273.21	220.34	114.97	120	158.25	54684.65	-0.08	3.41	1.29	-118.53	-38.51	0	0	-120	-35	4.45	3.33	3.02	2.79	2.55	2.29	2.03
D	6	2662.8	-31.79	134.8	482009.33	6482606.57	273.56	220.6	116.5	120	157.06	54682.59	-0.08	3.44	1.51	-118.58	-38.32	0	0	-120	-35	4.37	3.28	2.98	2.75	2.51	2.27	2.01
D	6	2663	-31.79	134.8	482009.44	6482619.07	273.88	220.71	118.09	120	155.79	54680.6	-0.09	3.43	1.61	-118.65	-38.11	0	0	-120	-35	4.3	3.24	2.94	2.71	2.48	2.24	1.99
D	6	2663.2	-31.79	134.8	482009.56	6482631.57	274.19	220.64	119.68	120	154.51	54678.67	-0.09	3.38	1.6	-118.69	-37.92	0	0	-120	-35	4.22	3.2	2.9	2.68	2.46	2.22	1.97
D	6	2663.4	-31.79	134.8	482009.69	6482644.07	274.49	220.42	121.23	120	153.26	54676.82	-0.09	3.35	1.51	-118.76	-37.7	0	0	-120	-35	4.16	3.16	2.87	2.66	2.43	2.2	1.95
D	6	2663.6	-31.79	134.8	482009.81	6482656.56	274.76	220.2	122.67	120	152.09	54675.03	-0.09	3.33	1.29	-118.81	-37.55	0	0	-120	-35	4.12	3.14	2.85	2.64	2.42	2.19	1.94
D	6	2663.8	-31.79	134.8	482009.92	6482669.05	275	220.16	123.82	120	151.18	54673.74	-0.09	3.31	0.87	-118.84	-37.36	0	0	-120	-35	4.09	3.12	2.84	2.63	2.41	2.18	1.93
D	6	2664	-31.79	134.8	482010.01	6482681.54	275.21	220.4	124.53	120	150.68	54671.78	-0.09	3.26	0.38	-118.9	-37.22	0	0	-120	-35	4.06	3.11	2.83	2.61	2.4	2.17	1.92
D	6	2664.2	-31.79	134.8	482010.07	6482694.02	275.38	220.88	124.68	120	150.7	54670.38	-0.08	3.16	-0.07	-118.97	-37.08	0	0	-120	-35	4.03	3.1	2.81	2.61	2.39	2.16	1.92
D	6	2664.4	-31.79	134.8	482010.12	6482706.5	275.51	221.48	124.3	120	151.21	54669.09	-0.08	3.05	-0.44	-119.04	-36.93	0	0	-120	-35	4	3.08	2.8	2.59	2.38	2.15	1.91
D	6	2664.6	-31.79	134.8	482010.15	6482718.97	275.62	222.02	123.58	120	152.04	54667.87	-0.08	2.96	-0.63	-119.16	-36.79	0	0	-120	-35	3.95	3.06	2.78	2.58	2.37	2.14	1.9
D	6	2664.8	-31.79	134.8	482010.17	6482731.44	275.71	222.46	122.8	120	152.91	54666.69	-0.07	2.9	-0.65	-119.25	-36.66	0	0	-120	-35	3.9	3.03	2.76	2.56	2.35	2.13	1.9
D	6	2665	-31.79	134.8	482010.19	6482743.91	275.78	222.79	122.17	120	153.61	54665.54	-0.07	2.84	-0.58	-119.37	-36.51	0	0	-120	-35	3.84	3	2.74	2.54	2.34	2.12	1.89
D	6	2665.2	-31.79	134.8	482010.21	6482756.38	275.85	223.01	121.78	120	154.07	54664.47	-0.06	2.77	-0.48	-119.46	-36.41	0	0	-120	-35	3.79	2.97	2.72	2.52	2.33	2.11	1.88
D	6	2665.4	-31.79	134.8	482010.23	6482768.85	275.9	223.16	121.58	120	154.32	54663.48	-0.06	2.71	-0.36	-119.6	-36.33	0	0	-120	-35	3.75	2.94	2.71	2.51	2.32	2.1	1.88
D	6	2665.6	-31.79	134.8	482010.25	6482781.33	275.94	223.24	121.47	120	154.48	54662.55	-0.05	2.65	-0.15	-119.7	-36.27	0	0	-120	-35	3.73	2.93	2.7	2.5	2.31	2.1	1.88
D	6	2665.8	-31.79	134.8	482010.28	6482793.8	275.97	223.23	121.29	120	154.69	54661.64	-0.05	2.57	0.08	-119.81	-36.21	0	0	-120	-35	3.73	2.92	2.71	2.51	2.31	2.1	1.88
D	6	2666	-31.79	134.8	482010.31	6482806.28	275.99	223.19	120.99	120	155	54660.71	-0.04	2.46	0.27	-119.87	-36.19	0	0	-120	-35	3.76	2.93	2.72	2.51	2.32	2.11	1.88
D	6	266																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2673.8	-31.78	134.81	482016.6	6483298.44	269.74	215.45	133.18	120	136.57	54606.74	-0.07	1.52	1.07	-120.65	-34.06	0	0	-120	-35	3.68	3.21	3.04	2.86	2.66	2.43	2.18
D	6	2674	-31.78	134.81	482016.76	6483311.21	269.61	215.3	134.03	120	135.59	54605.17	-0.07	1.58	0.96	-120.6	-34.2	0	0	-120	-35	3.69	3.23	3.06	2.88	2.67	2.44	2.18
D	6	2674.2	-31.78	134.81	482016.91	6483323.98	269.53	215.28	134.79	120	134.75	54603.69	-0.07	1.66	0.71	-120.54	-34.37	0	0	-120	-35	3.7	3.25	3.07	2.89	2.68	2.45	2.19
D	6	2674.4	-31.78	134.81	482017.05	6483336.75	269.5	215.44	135.42	120	134.08	54602.28	-0.07	1.69	0.42	-120.46	-34.54	0	0	-120	-35	3.71	3.26	3.08	2.9	2.69	2.46	2.2
D	6	2674.6	-31.78	134.81	482017.18	6483349.53	269.49	215.68	135.91	120	133.58	54600.9	-0.07	1.66	0.22	-120.37	-34.77	0	0	-120	-35	3.71	3.27	3.09	2.91	2.7	2.47	2.2
D	6	2674.8	-31.78	134.81	482017.31	6483362.32	269.5	215.95	136.27	120	133.23	54599.59	-0.07	1.6	0.15	-120.29	-34.94	0	0	-120	-35	3.7	3.28	3.1	2.92	2.71	2.47	2.21
D	6	2675	-31.78	134.81	482017.46	6483375.1	269.51	216.18	136.48	120	133.02	54598.32	-0.08	1.55	0.25	-120.2	-35.16	0	0	-120	-35	3.7	3.28	3.1	2.92	2.71	2.47	2.21
D	6	2675.2	-31.78	134.81	482017.61	6483387.89	269.5	216.31	136.54	120	132.96	54597.09	-0.08	1.56	0.4	-120.12	-35.32	0	0	-120	-35	3.69	3.28	3.11	2.92	2.71	2.48	2.21
D	6	2675.4	-31.78	134.81	482017.77	6483400.67	269.49	216.38	136.44	120	133.05	54595.85	-0.08	1.6	0.47	-120.04	-35.48	0	0	-120	-35	3.68	3.29	3.11	2.93	2.72	2.48	2.21
D	6	2675.6	-31.78	134.81	482017.93	6483413.46	269.48	216.41	136.19	120	133.29	54594.63	-0.08	1.68	0.51	-119.97	-35.58	0	0	-120	-35	3.68	3.29	3.11	2.93	2.72	2.48	2.21
D	6	2675.8	-31.78	134.81	482018.11	6483426.26	269.49	216.43	135.83	120	133.66	54593.44	-0.08	1.8	0.45	-119.89	-35.67	0	0	-120	-35	3.67	3.3	3.11	2.93	2.72	2.48	2.21
D	6	2676	-31.78	134.81	482018.29	6483439.05	269.52	216.47	135.38	120	134.14	54592.29	-0.08	1.94	0.24	-119.84	-35.75	0	0	-120	-35	3.67	3.3	3.11	2.93	2.72	2.48	2.21
D	6	2676.2	-31.78	134.81	482018.48	6483451.84	269.58	216.54	134.89	120	134.69	54591.22	-0.08	2.05	-0.07	-119.8	-35.81	0	0	-120	-35	3.66	3.3	3.1	2.93	2.72	2.48	2.21
D	6	2676.4	-31.78	134.81	482018.68	6483464.64	269.66	216.54	134.43	120	135.22	54590.22	-0.08	2.1	-0.45	-119.75	-35.86	0	0	-120	-35	3.66	3.29	3.09	2.92	2.71	2.47	2.2
D	6	2676.6	-31.78	134.81	482018.88	6483477.44	269.74	216.46	134.03	120	135.71	54589.25	-0.08	2.04	-0.83	-119.72	-35.85	0	0	-120	-35	3.64	3.28	3.08	2.91	2.7	2.47	2.2
D	6	2676.8	-31.78	134.81	482019.07	6483490.24	269.82	216.33	133.75	120	136.07	54588.28	-0.08	1.89	-1.12	-119.72	-35.86	0	0	-120	-35	3.63	3.27	3.07	2.9	2.69	2.46	2.19
D	6	2677	-31.78	134.81	482019.24	6483503.04	269.88	216.2	133.63	120	136.25	54587.3	-0.08	1.69	-1.43	-119.72	-35.82	0	0	-120	-35	3.62	3.26	3.06	2.89	2.69	2.45	2.19
D	6	2677.2	-31.78	134.81	482019.38	6483515.85	269.92	216.22	133.66	120	136.26	54586.36	-0.08	1.46	-1.67	-119.71	-35.77	0	0	-120	-35	3.61	3.24	3.05	2.88	2.68	2.44	2.18
D	6	2677.4	-31.78	134.81	482019.51	6483528.66	269.94	216.45	133.83	120	136.1	54585.43	-0.08	1.17	-1.72	-119.71	-35.67	0	0	-120	-35	3.62	3.24	3.05	2.88	2.67	2.44	2.17
D	6	2677.6	-31.78	134.81	482019.62	6483541.47	269.92	216.74	134.11	120	135.81	54584.54	-0.07	0.93	-1.65	-119.75	-35.57	0	0	-120	-35	3.62	3.23	3.05	2.87	2.67	2.43	2.17
D	6	2677.8	-31.78	134.81	482019.72	6483554.3	269.87	217.04	134.43	120	135.44	54583.71	-0.07	0.8	-1.45	-119.78	-35.45	0	0	-120	-35	3.63	3.23	3.05	2.87	2.67	2.43	2.17
D	6	2678	-31.78	134.81	482019.82	6483567.14	269.78	217.23	134.78	120	135	54582.94	-0.07	0.72	-1.06	-119.8	-35.27	0	0	-120	-35	3.65	3.23	3.06	2.87	2.67	2.43	2.17
D	6	2678.2	-31.78	134.81	482019.93	6483579.98	269.64	217.22	135.1	120	134.53	54582.23	-0.07	0.66	-0.46	-119.87	-35.1	0	0	-120	-35	3.66	3.23	3.06	2.87	2.67	2.43	2.17
D	6	2678.4	-31.78	134.81	482020.04	6483592.84	269.45	217.07	135.35	120	134.09	54581.51	-0.07	0.59	0.12	-119.92	-34.91	0	0	-120	-35	3.66	3.23	3.06	2.87	2.66	2.42	2.16
D	6	2678.6	-31.78	134.81	482020.15	6483605.71	269.22	216.78	135.53	120	133.69	54580.73	-0.07	0.48	0.6	-120	-34.68	0	0	-120	-35	3.65	3.22	3.06	2.87	2.66	2.42	2.16
D	6	2678.8	-31.78	134.81	482020.27	6483618.59	268.97	216.39	135.57	120	133.4	54579.87	-0.07	0.33	0.96	-120.08	-34.51	0	0	-120	-35	3.64	3.22	3.05	2.86	2.66	2.42	2.16
D	6	2679	-31.78	134.81	482020.41	6483631.49	268.71	215.97	135.48	120	133.24	54578.97	-0.07	0.14	1.08	-120.16	-34.29	0	0	-120	-35	3.63	3.21	3.05	2.86	2.65	2.42	2.16
D	6	2679.2	-31.78	134.81	482020.57	6483644.39	268.45	215.57	135.23	120	133.22	54578.17	-0.07	-0.04	0.96	-120.23	-34.08	0	0	-120	-35	3.62	3.22	3.05	2.86	2.66	2.42	2.16
D	6	2679.4	-31.78	134.81	482020.75	6483657.32	268.17	215.22	134.79	120	133.39	54577.46	-0.07	-0.21	0.69	-120.29	-33.84	0	0	-120	-35	3.63	3.23	3.06	2.87	2.66	2.43	2.17
D	6	2679.6	-31.78	134.81	482020.93	6483670.25	267.88	214.87	134.17	120	133.71	54576.8	-0.07	-0.38	0.37	-120.33	-33.66	0	0	-120	-35	3.65	3.25	3.08	2.89	2.68	2.44	2.18
D	6	2679.8	-31.78	134.81	482021.12	6483683.2	267.56	214.51	133.39	120	134.18	54576.07	-0.06	-0.54	0.09	-120.4	-33.48	0	0	-120	-35	3.69	3.29	3.1	2.92	2.71	2.47	2.2
D	6	2680	-31.78	134.81	482021.32	6483696.16	267.21	214.1	132.42	120	134.79	54575.31	-0.06	-0.67	-0.27	-120.43	-33.32	0	0	-120	-35	3.73	3.32	3.14	2.95	2.73	2.49	2.22
D	6	2680.2	-31.78	134.81	482021.52	6483709.14	266.83	213.66	131.28	120	135.55	54574.53	-0.06	-0.72	-0.58	-120.51	-33.13	0	0	-120	-35	3.78	3.36	3.17	2.98	2.76	2.51	2.24
D	6	2680.4	-31.78	134.81	482021.71	6483722.13	266.42	213.23	129.99	120	136.43	54573.76	-0.07	-0.72	-0.77	-120.58	-32.9	0	0	-120	-35	3.82	3.39	3.2	3.01	2.79	2.53	2.26
D	6	2680.6	-31.78	134.81	482021.91	6483735.13	265.98	212.77	128.59	120	137.39	54572.97	-0.07	-0.74	-0.88	-120.68	-32.6	0	0	-120	-35	3.85	3.41	3.22	3.03	2.8	2.55	2.27
D	6	2680.8	-31.78	134.81	482022.1	6483748.15	265.51	212.25	127.18	120	138.32	54572.22	-0.07	-0.76	-0.97	-120.83	-32.29	0	0	-120	-35	3.87	3.43	3.24	3.04	2.82	2.56	2.28
D	6	2681	-31.78	134.81	482022.28	6483761.18	265.02	211.68	125.9	120	139.12	54571.55	-0.06	-0.72	-1	-121.02	-31.9	0	0	-120	-35	3.89	3.45	3.25	3.06	2.84	2.58	2.3
D	6	2681.2	-31.78	134.81	482022.46	6483774.22	264.51	211.11	124.82	120	139.69	54571	-0.06	-0.63	-0.82	-121.23	-31.55	0	0	-120	-35	3.9	3.47	3.27	3.08	2.85	2.59	2.31
D	6	2681.4	-31.78	134.81	482022.62	6483787.28	263.98	210.62	124.04	120	139.94	54570.48	-0.06	-0.48	-0.33	-121.45	-31.17	0	0	-120	-35	3.93	3.5	3.29	3.1	2.87	2.61	2.32
D	6	2681.6	-31.78	134.81	482022.78	6483800.36	263.45	210.18	123.52	120	139.93	54569.87	-0.06	-0.27	0.19	-121.64	-30.86	0	0	-120	-35	3.97	3.54	3.32	3.13	2.9	2.63	2.34
D	6	2681.8	-31.78	134.81	482022.93	6483813.45	262.94	209.76	123.24	120	139.7	54569.09	-0.07	-0.04	0.47	-121.82	-30.61	0	0	-120	-35	4.04	3.59	3.37	3.17	2.93	2.66	2.37
D	6	2682	-31.78	134.81	482023.08	6483826.55	262.46	209.34	123.15	120	139.31	54568.22	-0.07	0.1	0.28	-121.94	-30.43	0	0	-120	-35	4.12	3.65	3.42	3.22	2.98	2.7	2.4
D	6	2682.2	-31.78	134.81	482023.23	6483839.67	262.01	208.88	123.14	120	138.87	54567.35	-0.07	0.17	-0.16	-122.05	-30.36	0	0	-120	-35	4.21	3.72	3.48	3.27	3.03	2.75	2.44
D	6	2682.4	-31.78	134.81	482023.37	6483852.81	261.59	208.47	123.18	120	138.41	54566.6	-0.07	0.23	-0.74	-122.16	-30.39	0	0	-120	-35	4.3	3.79	3.				

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2690.2	-31.77	134.81	482010.73	6484372.11	256.3	203.39	115.34	120	140.96	54548.4	-0.1	2.79	1.63	-120.87	-33.64	0	0	-120	-35	5.54	4.66	4.37	4.06	3.72	3.34	2.93
D	6	2690.4	-31.77	134.81	482010.23	6484385.48	256.53	203.41	115.78	120	140.75	54547.9	-0.1	2.74	1.85	-120.76	-34.03	0	0	-120	-35	5.57	4.68	4.39	4.07	3.73	3.35	2.94
D	6	2690.6	-31.77	134.8	482009.75	6484398.85	256.82	203.44	116.12	120	140.7	54547.54	-0.11	2.62	2	-120.62	-34.43	0	0	-120	-35	5.59	4.7	4.4	4.09	3.74	3.36	2.94
D	6	2690.8	-31.77	134.8	482009.3	6484412.21	257.12	203.5	116.33	120	140.79	54547.28	-0.11	2.48	2.13	-120.46	-34.84	0	0	-120	-35	5.6	4.72	4.41	4.09	3.75	3.37	2.95
D	6	2691	-31.77	134.8	482008.85	6484425.56	257.39	203.67	116.44	120	140.96	54547.09	-0.11	2.36	2.2	-120.28	-35.21	0	0	-120	-35	5.6	4.72	4.41	4.1	3.75	3.37	2.94
D	6	2691.2	-31.77	134.8	482008.42	6484438.9	257.64	203.91	116.44	120	141.2	54546.99	-0.11	2.25	2.21	-120.1	-35.53	0	0	-120	-35	5.59	4.73	4.4	4.1	3.75	3.36	2.94
D	6	2691.4	-31.77	134.8	482008.01	6484452.24	257.86	204.17	116.35	120	141.51	54547.02	-0.11	2.18	2.08	-119.92	-35.79	0	0	-120	-35	5.57	4.72	4.39	4.08	3.74	3.35	2.93
D	6	2691.6	-31.77	134.8	482007.6	6484465.57	258.06	204.41	116.2	120	141.86	54547.18	-0.11	2.16	1.94	-119.79	-35.96	0	0	-120	-35	5.53	4.69	4.36	4.06	3.71	3.33	2.91
D	6	2691.8	-31.77	134.8	482007.21	6484478.89	258.24	204.59	115.95	120	142.3	54547.39	-0.11	2.19	2.01	-119.66	-36.07	0	0	-120	-35	5.47	4.66	4.33	4.03	3.69	3.3	2.88
D	6	2692	-31.77	134.8	482006.83	6484492.21	258.42	204.74	115.53	120	142.88	54547.62	-0.11	2.24	2.11	-119.6	-36.13	0	0	-120	-35	5.42	4.63	4.29	3.99	3.65	3.27	2.86
D	6	2692.2	-31.77	134.8	482006.45	6484505.53	258.58	204.89	114.95	120	143.63	54547.89	-0.11	2.29	1.97	-119.55	-36.17	0	0	-120	-35	5.36	4.59	4.25	3.96	3.62	3.25	2.83
D	6	2692.4	-31.77	134.8	482006.08	6484518.84	258.73	205.05	114.22	120	144.51	54548.32	-0.11	2.34	1.55	-119.55	-36.22	0	0	-120	-35	5.32	4.56	4.23	3.93	3.6	3.22	2.82
D	6	2692.6	-31.77	134.8	482005.71	6484532.15	258.87	205.18	113.46	120	145.41	54548.93	-0.11	2.41	1.2	-119.56	-36.22	0	0	-120	-35	5.29	4.54	4.2	3.91	3.58	3.2	2.8
D	6	2692.8	-31.77	134.8	482005.35	6484545.46	259.01	205.26	112.93	120	146.09	54549.65	-0.11	2.47	1.04	-119.56	-36.22	0	0	-120	-35	5.27	4.52	4.18	3.89	3.56	3.19	2.79
D	6	2693	-31.77	134.8	482004.99	6484558.76	259.17	205.33	112.82	120	146.35	54550.42	-0.11	2.5	0.87	-119.57	-36.21	0	0	-120	-35	5.27	4.51	4.18	3.88	3.55	3.18	2.78
D	6	2693.2	-31.77	134.8	482004.64	6484572.06	259.35	205.41	113.27	120	146.08	54551.31	-0.1	2.49	0.54	-119.59	-36.19	0	0	-120	-35	5.28	4.5	4.17	3.88	3.54	3.17	2.77
D	6	2693.4	-31.77	134.8	482004.29	6484585.35	259.54	205.52	114.22	120	145.32	54552.37	-0.1	2.45	0.13	-119.62	-36.16	0	0	-120	-35	5.29	4.5	4.17	3.87	3.54	3.17	2.76
D	6	2693.6	-31.77	134.8	482003.93	6484598.64	259.74	205.7	115.53	120	144.21	54553.58	-0.09	2.41	-0.2	-119.67	-36.11	0	0	-120	-35	5.31	4.5	4.16	3.87	3.53	3.16	2.75
D	6	2693.8	-31.77	134.8	482003.56	6484611.93	259.94	205.88	116.92	120	143.01	54554.85	-0.09	2.36	-0.46	-119.72	-36.06	0	0	-120	-35	5.31	4.5	4.15	3.86	3.52	3.15	2.75
D	6	2694	-31.77	134.8	482003.19	6484625.21	260.12	206.07	118.23	120	141.89	54556.13	-0.08	2.27	-0.8	-119.79	-35.95	0	0	-120	-35	5.3	4.48	4.13	3.84	3.51	3.14	2.73
D	6	2694.2	-31.77	134.8	482002.8	6484638.5	260.3	206.23	119.38	120	147.33	54557.49	-0.08	2.2	-1.32	-119.88	-35.86	0	0	-120	-35	5.27	4.45	4.1	3.82	3.48	3.11	2.71
D	6	2694.4	-31.77	134.8	482002.39	6484651.77	260.46	206.28	120.32	120	140.14	54559.01	-0.07	2.16	-1.93	-119.99	-35.7	0	0	-120	-35	5.22	4.41	4.06	3.78	3.45	3.08	2.69
D	6	2694.6	-31.77	134.8	482001.96	6484665.05	260.62	206.24	121.07	120	139.55	54560.66	-0.06	2.13	-2.34	-120.08	-35.56	0	0	-120	-35	5.16	4.37	4.02	3.74	3.41	3.05	2.66
D	6	2694.8	-31.77	134.8	482001.5	6484678.32	260.78	206.15	121.64	120	139.14	54562.39	-0.06	2.11	-2.59	-120.15	-35.39	0	0	-120	-35	5.1	4.32	3.97	3.7	3.37	3.02	2.63
D	6	2695	-31.77	134.8	482001	6484691.58	260.94	206.08	121.98	120	138.96	54564.12	-0.05	2.08	-2.73	-120.24	-35.25	0	0	-120	-35	5.03	4.28	3.93	3.66	3.34	2.99	2.6
D	6	2695.2	-31.77	134.8	482000.46	6484704.84	261.11	206.12	122.1	120	139.01	54565.94	-0.04	2.06	-2.89	-120.31	-35.12	0	0	-120	-35	4.98	4.24	3.9	3.63	3.31	2.96	2.58
D	6	2695.4	-31.77	134.8	481999.89	6484718.09	261.28	206.32	121.97	120	139.3	54567.9	-0.02	2.05	-3.01	-120.34	-35.03	0	0	-120	-35	4.93	4.21	3.88	3.6	3.29	2.94	2.57
D	6	2695.6	-31.77	134.8	481999.28	6484731.34	261.45	206.64	121.61	120	139.84	54570.01	-0.01	2.05	-2.94	-120.37	-34.94	0	0	-120	-35	4.91	4.19	3.87	3.59	3.27	2.93	2.56
D	6	2695.8	-31.77	134.8	481998.63	6484744.59	261.61	206.98	120.99	120	140.62	54572.15	-0.01	2.02	-2.64	-120.38	-34.91	0	0	-120	-35	4.89	4.17	3.86	3.58	3.27	2.92	2.55
D	6	2696	-31.77	134.8	481997.95	6484757.83	261.77	207.31	120.1	120	141.67	54574.22	0	1.99	-2.33	-120.41	-34.92	0	0	-120	-35	4.89	4.17	3.86	3.57	3.26	2.92	2.55
D	6	2696.2	-31.77	134.8	481997.23	6484771.08	261.92	207.61	118.95	120	142.98	54576.25	0.01	1.98	-2.11	-120.46	-34.95	0	0	-120	-35	4.9	4.16	3.86	3.57	3.26	2.92	2.55
D	6	2696.4	-31.77	134.8	481996.48	6484784.32	262.06	207.94	117.61	120	144.45	54578.25	0.02	1.96	-1.88	-120.5	-35.01	0	0	-120	-35	4.92	4.16	3.86	3.57	3.26	2.92	2.55
D	6	2696.6	-31.77	134.8	481995.71	6484797.57	262.2	208.34	116.23	120	145.97	54580.28	0.03	1.91	-1.58	-120.59	-35.11	0	0	-120	-35	4.94	4.17	3.87	3.57	3.26	2.92	2.54
D	6	2696.8	-31.77	134.8	481994.93	6484810.81	262.33	208.8	115.01	120	147.33	54582.35	0.04	1.85	-1.22	-120.68	-35.26	0	0	-120	-35	4.97	4.17	3.87	3.57	3.26	2.92	2.54
D	6	2697	-31.77	134.8	481994.15	6484824.05	262.47	209.22	114.16	120	148.31	54584.45	0.06	1.8	-0.75	-120.79	-35.39	0	0	-120	-35	4.99	4.18	3.87	3.57	3.26	2.91	2.54
D	6	2697.2	-31.77	134.8	481993.38	6484837.29	262.61	209.53	113.81	120	148.8	54586.5	0.07	1.77	-0.1	-120.94	-35.59	0	0	-120	-35	5.02	4.19	3.87	3.57	3.25	2.91	2.54
D	6	2697.4	-31.77	134.8	481992.62	6484850.53	262.74	209.74	113.94	120	148.8	54588.46	0.08	1.74	0.61	-121.06	-35.71	0	0	-120	-35	5.05	4.19	3.86	3.56	3.24	2.9	2.53
D	6	2697.6	-31.77	134.8	481991.87	6484863.77	262.88	209.9	114.41	120	148.46	54590.37	0.09	1.66	1.33	-121.21	-35.86	0	0	-120	-35	5.08	4.19	3.86	3.55	3.23	2.89	2.52
D	6	2697.8	-31.77	134.8	481991.15	6484877	263	210.06	114.98	120	148.02	54592.3	0.11	1.55	2	-121.36	-35.91	0	0	-120	-35	5.11	4.19	3.84	3.54	3.22	2.87	2.5
D	6	2698	-31.77	134.8	481990.45	6484890.24	263.1	210.28	115.4	120	147.7	54594.19	0.12	1.4	2.73	-121.48	-35.93	0	0	-120	-35	5.13	4.18	3.83	3.52	3.2	2.86	2.49
D	6	2698.2	-31.77	134.8	481989.79	6484903.47	263.18	210.43	115.54	120	147.64	54595.91	0.13	1.3	3.6	-121.55	-35.85	0	0	-120	-35	5.15	4.17	3.81	3.5	3.18	2.84	2.47
D	6	2698.4	-31.77	134.8	481989.15	6484916.71	263.25	210.51	115.29	120	147.96	54597.4	0.14	1.26	4.14	-121.64	-35.71	0	0	-120	-35	5.17	4.16	3.8	3.49	3.17	2.83	2.46
D	6	2698.6	-31.77	134.8	481988.55	6484929.94	263.3	210.52	114.64	120	148.66	54598.72	0.15	1.23	4.02	-121.64	-35.43	0	0	-120	-35	5.19	4.15	3.79	3.47	3.15	2.81	2.45
D	6	2698.8	-31.77	134.8	481987.98	6484943.17	263.32	210.43	113.64	120	149.68	54599.95	0.15	1.25	3.55	-121.62	-35.13	0	0	-120	-35	5.2	4.14	3.78	3.46	3.14	2.8	2.44
D	6	269																										

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2706.6	-31.76	134.8	481979.53	6485456.33	265.38	212.23	122.99	120	142.39	54577.98	0.1	1.96	1.78	-120.88	-33.25	0	0	-120	-35	4.88	3.99	3.67	3.38	3.08	2.75	2.38
D	6	2706.8	-31.76	134.8	481979.62	6485469.44	265.43	212.41	123.91	120	141.52	54576.63	0.09	2.17	1.43	-121.02	-33.04	0	0	-120	-35	4.85	3.98	3.66	3.38	3.07	2.74	2.38
D	6	2707	-31.76	134.8	481979.73	6485482.54	265.51	212.55	124.62	120	140.89	54575.26	0.09	2.38	1.05	-121.11	-32.87	0	0	-120	-35	4.82	3.96	3.65	3.36	3.06	2.73	2.37
D	6	2707.2	-31.76	134.8	481979.87	6485495.63	265.6	212.67	125.15	120	140.46	54573.9	0.09	2.58	0.69	-121.19	-32.77	0	0	-120	-35	4.79	3.94	3.64	3.35	3.05	2.73	2.37
D	6	2707.4	-31.76	134.8	481980.03	6485508.72	265.72	212.75	125.56	120	140.16	54572.59	0.08	2.73	0.49	-121.25	-32.73	0	0	-120	-35	4.75	3.92	3.62	3.34	3.04	2.72	2.36
D	6	2707.6	-31.76	134.8	481980.21	6485521.8	265.86	212.83	125.86	120	140	54571.29	0.08	2.8	0.54	-121.3	-32.81	0	0	-120	-35	4.72	3.9	3.61	3.33	3.04	2.71	2.36
D	6	2707.8	-31.76	134.8	481980.4	6485534.88	266.02	212.95	126.11	120	139.91	54569.97	0.08	2.75	0.66	-121.27	-32.96	0	0	-120	-35	4.7	3.89	3.6	3.32	3.03	2.71	2.35
D	6	2708	-31.76	134.8	481980.61	6485547.95	266.2	213.09	126.31	120	139.89	54568.59	0.08	2.65	0.78	-121.24	-33.21	0	0	-120	-35	4.68	3.89	3.6	3.32	3.03	2.7	2.35
D	6	2708.2	-31.76	134.8	481980.82	6485561.02	266.41	213.26	126.43	120	139.97	54567.18	0.08	2.53	0.8	-121.18	-33.49	0	0	-120	-35	4.67	3.9	3.59	3.32	3.03	2.7	2.35
D	6	2708.4	-31.76	134.8	481981.04	6485574.08	266.63	213.43	126.49	120	140.14	54565.8	0.08	2.41	0.66	-121.05	-33.83	0	0	-120	-35	4.67	3.91	3.59	3.32	3.03	2.7	2.35
D	6	2708.6	-31.76	134.8	481981.28	6485587.14	266.86	213.66	126.39	120	140.47	54564.4	0.08	2.29	0.55	-120.91	-34.19	0	0	-120	-35	4.67	3.91	3.59	3.32	3.03	2.7	2.35
D	6	2708.8	-31.76	134.8	481981.52	6485600.19	267.08	214.01	126.04	120	141.03	54562.89	0.08	2.16	0.54	-120.72	-34.52	0	0	-120	-35	4.67	3.92	3.59	3.32	3.03	2.7	2.35
D	6	2709	-31.76	134.8	481981.77	6485613.24	267.27	214.46	125.39	120	141.88	54561.29	0.07	2.05	0.42	-120.55	-34.84	0	0	-120	-35	4.67	3.92	3.58	3.32	3.03	2.7	2.34
D	6	2709.2	-31.76	134.8	481982.02	6485626.27	267.44	214.99	124.35	120	143.09	54559.72	0.07	1.99	0.26	-120.36	-35.12	0	0	-120	-35	4.66	3.91	3.57	3.31	3.02	2.69	2.34
D	6	2709.4	-31.76	134.8	481982.29	6485639.3	267.58	215.47	122.98	120	144.6	54558.3	0.07	1.98	0.3	-120.17	-35.34	0	0	-120	-35	4.66	3.9	3.56	3.3	3.01	2.68	2.33
D	6	2709.6	-31.76	134.8	481982.57	6485652.32	267.7	215.8	121.35	120	146.35	54556.94	0.07	2.04	0.82	-120.04	-35.51	0	0	-120	-35	4.65	3.89	3.55	3.29	3	2.68	2.32
D	6	2709.8	-31.76	134.8	481982.9	6485665.34	267.82	216.01	119.63	120	148.19	54555.55	0.07	2.04	1.59	-119.92	-35.68	0	0	-120	-35	4.65	3.87	3.54	3.28	2.99	2.67	2.32
D	6	2710	-31.76	134.8	481983.27	6485678.35	267.95	216.14	118.04	120	149.91	54554.07	0.07	1.94	2.26	-119.83	-35.76	0	0	-120	-35	4.67	3.86	3.54	3.27	2.99	2.66	2.31
D	6	2710.2	-31.76	134.8	481983.69	6485691.36	268.08	216.21	116.77	120	151.32	54552.49	0.07	1.79	2.7	-119.77	-35.87	0	0	-120	-35	4.69	3.86	3.54	3.26	2.98	2.66	2.31
D	6	2710.4	-31.76	134.8	481984.16	6485704.37	268.23	216.23	116.01	120	152.22	54550.82	0.07	1.61	2.75	-119.73	-35.91	0	0	-120	-35	4.72	3.87	3.54	3.26	2.98	2.66	2.31
D	6	2710.6	-31.76	134.8	481984.67	6485717.38	268.36	216.18	115.81	120	152.55	54549.12	0.07	1.48	2.41	-119.71	-35.97	0	0	-120	-35	4.76	3.88	3.55	3.27	2.98	2.66	2.31
D	6	2710.8	-31.76	134.8	481985.2	6485730.39	268.49	216.02	116.1	120	152.38	54547.45	0.07	1.43	1.76	-119.71	-35.97	0	0	-120	-35	4.81	3.9	3.56	3.27	2.98	2.66	2.31
D	6	2711	-31.76	134.8	481985.76	6485743.39	268.58	215.76	116.71	120	151.87	54545.82	0.06	1.5	0.92	-119.75	-35.93	0	0	-120	-35	4.86	3.92	3.56	3.28	2.98	2.66	2.31
D	6	2711.2	-31.76	134.8	481986.34	6485756.38	268.65	215.53	117.43	120	151.22	54544.19	0.06	1.63	0.06	-119.86	-35.89	0	0	-120	-35	4.92	3.94	3.57	3.29	2.99	2.66	2.31
D	6	2711.4	-31.76	134.8	481986.94	6485769.38	268.7	215.27	118.1	120	150.59	54542.5	0.06	1.86	-0.66	-119.98	-35.78	0	0	-120	-35	4.96	3.96	3.58	3.29	2.99	2.66	2.31
D	6	2711.6	-31.76	134.8	481987.54	6485782.37	268.73	215.08	118.63	120	150.1	54540.79	0.06	2.17	-1.27	-120.15	-35.68	0	0	-120	-35	5.01	3.98	3.59	3.3	2.99	2.66	2.31
D	6	2711.8	-31.76	134.8	481988.13	6485795.35	268.76	215	119.01	120	149.75	54539.08	0.06	2.46	-1.77	-120.32	-35.53	0	0	-120	-35	5.04	3.99	3.6	3.3	3	2.67	2.31
D	6	2712	-31.76	134.8	481988.69	6485808.33	268.79	214.96	119.29	120	149.5	54537.42	0.06	2.74	-2.15	-120.5	-35.4	0	0	-120	-35	5.06	4	3.6	3.31	3	2.67	2.31
D	6	2712.2	-31.76	134.8	481989.21	6485821.3	268.83	215.08	119.51	120	149.32	54535.78	0.06	2.97	-2.44	-120.65	-35.27	0	0	-120	-35	5.06	4	3.61	3.31	3	2.67	2.32
D	6	2712.4	-31.76	134.8	481989.71	6485834.27	268.88	215.36	119.7	120	149.18	54534.1	0.06	3.1	-2.58	-120.79	-35.19	0	0	-120	-35	5.05	3.99	3.61	3.31	3	2.67	2.32
D	6	2712.6	-31.76	134.8	481990.19	6485847.23	268.94	215.71	119.87	120	149.08	54532.33	0.06	3.12	-2.43	-120.9	-35.14	0	0	-120	-35	5.04	3.98	3.6	3.3	3	2.67	2.32
D	6	2712.8	-31.76	134.8	481990.64	6485860.18	269.04	216.16	120	120	149.05	54530.47	0.06	3.04	-2.17	-120.94	-35.1	0	0	-120	-35	5.02	3.97	3.6	3.29	2.99	2.67	2.32
D	6	2713	-31.76	134.8	481991.09	6485873.14	269.19	216.6	120.07	120	149.12	54528.58	0.06	2.9	-1.96	-120.93	-35.16	0	0	-120	-35	5	3.97	3.6	3.29	2.99	2.67	2.32
D	6	2713.2	-31.76	134.8	481991.53	6485886.09	269.38	216.95	120.09	120	149.29	54526.66	0.06	2.76	-1.85	-120.89	-35.25	0	0	-120	-35	4.99	3.96	3.6	3.29	2.99	2.67	2.32
D	6	2713.4	-31.76	134.8	481991.97	6485899.04	269.62	217.25	120.08	120	149.54	54524.69	0.05	2.6	-1.8	-120.8	-35.33	0	0	-120	-35	5	3.97	3.61	3.3	3	2.68	2.33
D	6	2713.6	-31.76	134.8	481992.4	6485912	269.89	217.5	120.03	120	149.85	54522.64	0.05	2.42	-1.77	-120.71	-35.46	0	0	-120	-35	5.03	3.98	3.62	3.31	3	2.68	2.33
D	6	2713.8	-31.76	134.8	481992.83	6485924.94	270.16	217.75	119.97	120	150.19	54520.53	0.05	2.26	-1.64	-120.58	-35.59	0	0	-120	-35	5.06	3.99	3.63	3.32	3.01	2.69	2.34
D	6	2714	-31.76	134.8	481993.28	6485937.89	270.42	217.97	119.86	120	150.56	54518.44	0.05	2.1	-1.39	-120.45	-35.71	0	0	-120	-35	5.09	4.01	3.64	3.33	3.02	2.7	2.34
D	6	2714.2	-31.76	134.8	481993.73	6485950.84	270.67	218.2	119.68	120	150.99	54516.42	0.04	1.93	-1.05	-120.32	-35.79	0	0	-120	-35	5.11	4.02	3.65	3.33	3.02	2.7	2.34
D	6	2714.4	-31.76	134.8	481994.19	6485963.78	270.91	218.38	119.41	120	151.49	54514.41	0.04	1.8	-0.49	-120.23	-35.83	0	0	-120	-35	5.12	4.01	3.64	3.32	3.02	2.69	2.33
D	6	2714.6	-31.76	134.8	481994.67	6485976.72	271.13	218.44	119.05	120	152.07	54512.31	0.03	1.73	0.16	-120.12	-35.85	0	0	-120	-35	5.1	3.99	3.62	3.3	3	2.67	2.32
D	6	2714.8	-31.76	134.8	481995.15	6485989.65	271.32	218.44	118.59	120	152.73	54510.07	0.03	1.64	0.58	-120.03	-35.79	0	0	-120	-35	5.07	3.96	3.59	3.27	2.97	2.65	2.3
D	6	2715	-31.76	134.8	481995.63	6486002.59	271.5	218.38	118.03	120	153.47	54507.74	0.03	1.58	0.77	-119.97	-35.67	0	0	-120	-35	5.03	3.92	3.55	3.24	2.93	2.62	2.27
D	6	2715.2	-31.76	134.8	481996.11	6486015.53	271.65	218.27	117.36	120	154.28	54505.42	0.02	1.62	0.74	-119.92	-35.58	0	0	-120	-35	4.99	3.89	3.51	3.21	2.91	2.59	2.25
D	6	2715.4	-31.76	134.8	48																							

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txraht_raw	Txraht_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2723	-31.75	134.81	482015.38	6486517.32	277.47	224.51	134	120	143.47	54428.35	-0.06	0.76	-3.67	-120.74	-32.46	0	0	-120	-35	3.88	3.26	3	2.78	2.54	2.27	1.97
D	6	2723.2	-31.75	134.81	482015.62	6486530.23	277.36	224.44	133.89	120	143.47	54426.86	-0.06	0.7	-3.8	-120.81	-32.39	0	0	-120	-35	3.9	3.28	3.02	2.8	2.55	2.28	1.99
D	6	2723.4	-31.75	134.81	482015.84	6486543.15	277.25	224.37	133.67	120	143.58	54425.41	-0.06	0.66	-3.75	-120.89	-32.31	0	0	-120	-35	3.93	3.31	3.04	2.82	2.57	2.3	2
D	6	2723.6	-31.75	134.81	482016.04	6486556.08	277.13	224.28	133.34	120	143.79	54423.93	-0.06	0.62	-3.53	-120.96	-32.26	0	0	-120	-35	3.96	3.33	3.06	2.84	2.59	2.31	2.01
D	6	2723.8	-31.75	134.81	482016.22	6486569.02	277	224.16	132.89	120	144.11	54422.42	-0.06	0.59	-3.24	-121.04	-32.24	0	0	-120	-35	3.98	3.36	3.08	2.85	2.6	2.33	2.02
D	6	2724	-31.75	134.81	482016.39	6486581.97	276.84	224.09	132.31	120	144.53	54420.98	-0.06	0.55	-2.96	-121.12	-32.18	0	0	-120	-35	3.98	3.37	3.09	2.86	2.61	2.34	2.03
D	6	2724.2	-31.75	134.81	482016.54	6486594.92	276.67	224.1	131.63	120	145.04	54419.66	-0.06	0.42	-2.65	-121.22	-32.14	0	0	-120	-35	3.98	3.38	3.09	2.87	2.62	2.34	2.03
D	6	2724.4	-31.75	134.81	482016.68	6486607.88	276.48	224.11	130.86	120	145.63	54418.38	-0.06	0.24	-2.19	-121.31	-32.08	0	0	-120	-35	3.97	3.38	3.09	2.87	2.62	2.35	2.04
D	6	2724.6	-31.75	134.81	482016.82	6486620.85	276.28	224.08	129.98	120	146.29	54417.07	-0.06	0.07	-1.59	-121.41	-32.05	0	0	-120	-35	3.97	3.38	3.1	2.88	2.62	2.35	2.05
D	6	2724.8	-31.75	134.81	482016.96	6486633.83	276.05	223.92	129.02	120	147.03	54415.76	-0.06	-0.04	-1.05	-121.49	-31.99	0	0	-120	-35	3.98	3.38	3.1	2.88	2.63	2.36	2.05
D	6	2725	-31.75	134.81	482017.12	6486646.82	275.81	223.62	127.98	120	147.83	54414.53	-0.06	-0.11	-0.63	-121.56	-31.94	0	0	-120	-35	4	3.39	3.11	2.89	2.64	2.36	2.06
D	6	2725.2	-31.75	134.81	482017.29	6486659.82	275.54	223.23	126.92	120	148.62	54413.43	-0.06	-0.13	-0.33	-121.62	-31.9	0	0	-120	-35	4.03	3.41	3.13	2.91	2.66	2.38	2.07
D	6	2725.4	-31.75	134.81	482017.48	6486672.83	275.27	222.84	125.95	120	149.32	54412.38	-0.05	-0.17	-0.12	-121.63	-31.86	0	0	-120	-35	4.08	3.44	3.16	2.94	2.68	2.4	2.09
D	6	2725.6	-31.75	134.81	482017.68	6486685.85	274.98	222.49	125.21	120	149.77	54411.32	-0.05	-0.19	0.08	-121.64	-31.82	0	0	-120	-35	4.13	3.48	3.2	2.97	2.71	2.43	2.11
D	6	2725.8	-31.75	134.81	482017.89	6486698.89	274.7	222.17	124.81	120	149.89	54410.27	-0.05	-0.18	0.26	-121.67	-31.81	0	0	-120	-35	4.19	3.53	3.24	3.01	2.74	2.46	2.14
D	6	2726	-31.75	134.81	482018.1	6486711.93	274.43	221.8	124.78	120	149.65	54409.31	-0.04	-0.11	0.31	-121.65	-31.79	0	0	-120	-35	4.25	3.57	3.29	3.04	2.78	2.49	2.16
D	6	2726.2	-31.75	134.81	482018.32	6486724.99	274.18	221.33	125.11	120	149.07	54408.46	-0.04	0.03	0.28	-121.63	-31.78	0	0	-120	-35	4.3	3.62	3.33	3.08	2.81	2.51	2.19
D	6	2726.4	-31.75	134.81	482018.55	6486738.06	273.94	220.75	125.69	120	148.26	54407.61	-0.04	0.14	0.33	-121.59	-31.79	0	0	-120	-35	4.35	3.65	3.36	3.11	2.84	2.54	2.21
D	6	2726.6	-31.75	134.81	482018.77	6486751.14	273.72	220.16	126.34	120	147.38	54406.7	-0.03	0.23	0.33	-121.57	-31.84	0	0	-120	-35	4.39	3.69	3.39	3.13	2.86	2.56	2.23
D	6	2726.8	-31.75	134.81	482018.98	6486764.22	273.51	219.62	126.95	120	146.56	54405.76	-0.02	0.31	0.23	-121.52	-31.86	0	0	-120	-35	4.44	3.72	3.43	3.16	2.88	2.58	2.24
D	6	2727	-31.75	134.81	482019.17	6486777.31	273.31	219.22	127.39	120	145.92	54404.88	-0.02	0.37	-0.01	-121.49	-31.91	0	0	-120	-35	4.49	3.75	3.46	3.19	2.91	2.6	2.26
D	6	2727.2	-31.75	134.81	482019.34	6486790.41	273.11	218.98	127.6	120	145.51	54404.06	-0.01	0.42	-0.31	-121.42	-31.95	0	0	-120	-35	4.55	3.79	3.49	3.21	2.93	2.62	2.28
D	6	2727.4	-31.75	134.81	482019.49	6486803.5	272.93	218.85	127.6	120	145.32	54403.27	-0.01	0.49	-0.64	-121.37	-32.03	0	0	-120	-35	4.6	3.82	3.52	3.24	2.95	2.64	2.29
D	6	2727.6	-31.75	134.81	482019.61	6486816.61	272.76	218.86	127.42	120	145.34	54402.39	0	0.61	-0.95	-121.31	-32.11	0	0	-120	-35	4.64	3.85	3.55	3.26	2.97	2.65	2.31
D	6	2727.8	-31.75	134.81	482019.72	6486829.71	272.61	218.96	127.03	120	145.57	54401.43	0	0.77	-1.17	-121.24	-32.16	0	0	-120	-35	4.68	3.87	3.57	3.28	2.99	2.67	2.32
D	6	2728	-31.75	134.81	482019.82	6486842.83	272.48	219.13	126.49	120	145.98	54400.4	0.01	0.86	-1.33	-121.18	-32.25	0	0	-120	-35	4.69	3.88	3.58	3.29	2.99	2.67	2.32
D	6	2728.2	-31.75	134.81	482019.91	6486855.95	272.37	219.33	125.8	120	146.57	54399.36	0.01	0.88	-1.42	-121.14	-32.36	0	0	-120	-35	4.7	3.89	3.59	3.29	3	2.68	2.33
D	6	2728.4	-31.75	134.81	482019.99	6486869.08	272.28	219.46	125.02	120	147.26	54398.24	0.01	0.87	-1.22	-121.11	-32.48	0	0	-120	-35	4.7	3.9	3.59	3.3	3.01	2.68	2.33
D	6	2728.6	-31.75	134.81	482020.06	6486882.21	272.21	219.49	124.27	120	147.94	54396.93	0.01	0.85	-0.81	-121.07	-32.59	0	0	-120	-35	4.71	3.9	3.59	3.3	3.01	2.69	2.34
D	6	2728.8	-31.75	134.81	482020.13	6486895.35	272.15	219.47	123.67	120	148.48	54395.42	0.02	0.85	-0.44	-121.03	-32.7	0	0	-120	-35	4.72	3.92	3.6	3.31	3.02	2.7	2.35
D	6	2729	-31.75	134.81	482020.21	6486908.48	272.1	219.4	123.31	120	148.78	54393.77	0.02	0.9	-0.24	-121.03	-32.83	0	0	-120	-35	4.75	3.94	3.62	3.33	3.03	2.71	2.36
D	6	2729.2	-31.75	134.81	482020.3	6486921.62	272.04	219.32	123.22	120	148.82	54392.07	0.01	0.97	-0.17	-121.02	-32.96	0	0	-120	-35	4.8	3.97	3.64	3.35	3.05	2.73	2.37
D	6	2729.4	-31.75	134.81	482020.41	6486934.75	271.99	219.25	123.36	120	148.63	54390.33	0.01	1.04	-0.15	-121.02	-33.08	0	0	-120	-35	4.85	4	3.66	3.37	3.07	2.74	2.38
D	6	2729.6	-31.75	134.81	482020.52	6486947.88	271.94	219.12	123.6	120	148.35	54388.49	0.01	1.11	-0.03	-121.02	-33.2	0	0	-120	-35	4.9	4.03	3.69	3.39	3.08	2.75	2.39
D	6	2729.8	-31.75	134.81	482020.63	6486961.01	271.9	218.93	123.77	120	148.13	54386.5	0.01	1.15	0.19	-121.03	-33.31	0	0	-120	-35	4.94	4.05	3.7	3.4	3.09	2.76	2.39
D	6	2730	-31.75	134.81	482020.75	6486974.15	271.87	218.71	123.74	120	148.13	54384.38	0	1.14	0.38	-121.05	-33.34	0	0	-120	-35	4.97	4.07	3.71	3.41	3.1	2.76	2.4
D	6	2730.2	-31.75	134.81	482020.86	6486987.28	271.84	218.46	123.4	120	148.44	54382.18	0	1.12	0.35	-121.08	-33.38	0	0	-120	-35	4.98	4.07	3.71	3.41	3.1	2.76	2.4
D	6	2730.4	-31.75	134.81	482020.98	6487000.42	271.82	218.25	122.78	120	149.04	54379.91	-0.01	1.11	0.15	-121.08	-33.38	0	0	-120	-35	4.98	4.07	3.71	3.41	3.09	2.76	2.4
D	6	2730.6	-31.75	134.81	482021.09	6487013.55	271.8	218.1	122	120	149.79	54377.61	-0.01	1.13	-0.16	-121.09	-33.32	0	0	-120	-35	4.98	4.07	3.71	3.4	3.09	2.76	2.39
D	6	2730.8	-31.75	134.81	482021.2	6487026.69	271.78	218.02	121.28	120	150.49	54375.32	-0.02	1.19	-0.63	-121.12	-33.29	0	0	-120	-35	4.96	4.07	3.7	3.4	3.09	2.75	2.39
D	6	2731	-31.75	134.81	482021.28	6487039.82	271.75	217.98	120.79	120	150.96	54373.02	-0.03	1.24	-1.14	-121.12	-33.23	0	0	-120	-35	4.95	4.07	3.7	3.4	3.09	2.75	2.39
D	6	2731.2	-31.75	134.81	482021.34	6487052.96	271.72	217.98	120.67	120	151.06	54370.67	-0.03	1.29	-1.6	-121.13	-33.17	0	0	-120	-35	4.94	4.07	3.7	3.4	3.09	2.75	2.39
D	6	2731.4	-31.75	134.81	482021.39	6487066.1	271.69	217.97	120.93	120	150.76	54368.27	-0.04	1.35	-2.09	-121.14	-33.1	0	0	-120	-35	4.94	4.07	3.7	3.4	3.09	2.75	2.39
D	6	2731.6	-31.75	134.81	482021.41	6487079.23	271.65	217.96	121.51	120	150.15	54365.91	-0.04	1.44	-2.62	-121.15	-33.08	0	0	-120	-35	4.93	4.08	3.71	3.4	3.09		

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2739.4	-31.74	134.81	482012.08	6487592.08	266.78	214.16	114.92	120	151.86	54284.41	-0.17	0.95	2.68	-121.19	-33.23	0	0	-120	-35	6.21	4.96	4.46	4.02	3.57	3.1	2.61
D	6	2739.6	-31.74	134.81	482012.07	6487605.23	266.72	214.13	115.22	120	151.5	54283.18	-0.17	0.84	2.32	-121.02	-33.48	0	0	-120	-35	6.26	5	4.48	4.04	3.58	3.11	2.61
D	6	2739.8	-31.74	134.81	482012.08	6487618.38	266.65	214.04	115.49	120	151.16	54281.97	-0.17	0.76	1.97	-120.89	-33.69	0	0	-120	-35	6.31	5.02	4.5	4.05	3.59	3.11	2.61
D	6	2740	-31.74	134.81	482012.11	6487631.53	266.56	213.9	115.69	120	150.88	54280.73	-0.17	0.74	1.71	-120.78	-33.84	0	0	-120	-35	6.34	5.04	4.52	4.06	3.59	3.11	2.6
D	6	2740.2	-31.74	134.81	482012.16	6487644.68	266.46	213.69	115.81	120	150.65	54279.46	-0.17	0.76	1.47	-120.67	-33.94	0	0	-120	-35	6.37	5.06	4.53	4.06	3.59	3.1	2.59
D	6	2740.4	-31.74	134.81	482012.21	6487657.83	266.34	213.46	115.81	120	150.53	54278.16	-0.17	0.79	1.23	-120.62	-33.99	0	0	-120	-35	6.39	5.06	4.53	4.06	3.58	3.09	2.57
D	6	2740.6	-31.74	134.81	482012.28	6487670.99	266.2	213.25	115.69	120	150.51	54276.82	-0.17	0.78	1.07	-120.58	-34.02	0	0	-120	-35	6.4	5.07	4.53	4.06	3.57	3.08	2.56
D	6	2740.8	-31.74	134.81	482012.34	6487684.15	266.05	213.01	115.49	120	150.56	54275.44	-0.17	0.74	0.98	-120.59	-34.01	0	0	-120	-35	6.4	5.08	4.53	4.06	3.57	3.07	2.55
D	6	2741	-31.74	134.81	482012.4	6487697.31	265.9	212.7	115.18	120	150.72	54274.06	-0.18	0.73	0.86	-120.58	-33.98	0	0	-120	-35	6.41	5.08	4.53	4.06	3.56	3.06	2.54
D	6	2741.2	-31.74	134.81	482012.45	6487710.48	265.74	212.3	114.8	120	150.95	54272.72	-0.18	0.77	0.68	-120.58	-33.93	0	0	-120	-35	6.42	5.09	4.53	4.06	3.56	3.05	2.53
D	6	2741.4	-31.74	134.81	482012.49	6487723.65	265.57	211.84	114.33	120	151.24	54271.41	-0.18	0.86	0.44	-120.63	-33.89	0	0	-120	-35	6.42	5.1	4.53	4.06	3.56	3.05	2.52
D	6	2741.6	-31.74	134.81	482012.5	6487736.83	265.41	211.35	113.78	120	151.63	54270.06	-0.19	0.9	0.2	-120.65	-33.82	0	0	-120	-35	6.42	5.1	4.53	4.06	3.56	3.05	2.52
D	6	2741.8	-31.74	134.81	482012.49	6487750.01	265.24	210.96	113.15	120	152.1	54268.64	-0.19	0.88	-0.05	-120.71	-33.77	0	0	-120	-35	6.42	5.1	4.53	4.06	3.56	3.04	2.51
D	6	2742	-31.74	134.81	482012.44	6487763.2	265.09	210.75	112.44	120	152.65	54267.21	-0.2	0.84	-0.41	-120.79	-33.7	0	0	-120	-35	6.41	5.1	4.52	4.06	3.56	3.04	2.5
D	6	2742.2	-31.74	134.81	482012.35	6487776.39	264.95	210.69	111.7	120	153.25	54265.77	-0.21	0.79	-0.84	-120.85	-33.6	0	0	-120	-35	6.39	5.09	4.52	4.06	3.55	3.04	2.5
D	6	2742.4	-31.74	134.81	482012.23	6487789.58	264.82	210.79	111.02	120	153.8	54264.34	-0.22	0.71	-1.29	-120.95	-33.52	0	0	-120	-35	6.39	5.09	4.52	4.05	3.55	3.03	2.5
D	6	2742.6	-31.74	134.81	482012.07	6487802.78	264.69	210.98	110.53	120	154.16	54262.89	-0.23	0.57	-1.6	-121.07	-33.43	0	0	-120	-35	6.38	5.09	4.52	4.05	3.55	3.03	2.5
D	6	2742.8	-31.74	134.81	482011.87	6487815.98	264.56	211.06	110.36	120	154.19	54261.47	-0.24	0.48	-1.8	-121.18	-33.34	0	0	-120	-35	6.38	5.09	4.52	4.05	3.55	3.04	2.5
D	6	2743	-31.74	134.81	482011.65	6487829.19	264.41	211.11	110.59	120	153.82	54260.16	-0.25	0.51	-1.89	-121.33	-33.22	0	0	-120	-35	6.39	5.09	4.53	4.05	3.55	3.04	2.5
D	6	2743.2	-31.74	134.81	482011.39	6487842.4	264.24	211.11	111.2	120	153.04	54259.03	-0.26	0.57	-1.85	-121.45	-33.07	0	0	-120	-35	6.4	5.1	4.54	4.06	3.56	3.05	2.5
D	6	2743.4	-31.74	134.81	482011.12	6487855.62	264.05	211.09	112.08	120	151.97	54258.06	-0.28	0.62	-1.56	-121.64	-32.93	0	0	-120	-35	6.41	5.1	4.55	4.06	3.57	3.05	2.51
D	6	2743.6	-31.74	134.81	482010.82	6487868.85	263.86	211.15	113.09	120	150.77	54257.21	-0.28	0.62	-1.13	-121.83	-32.77	0	0	-120	-35	6.42	5.11	4.56	4.07	3.57	3.06	2.51
D	6	2743.8	-31.74	134.81	482010.53	6487882.07	263.66	211.18	114.09	120	149.57	54256.48	-0.29	0.64	-0.72	-122.01	-32.58	0	0	-120	-35	6.41	5.11	4.57	4.08	3.58	3.07	2.52
D	6	2744	-31.74	134.81	482010.26	6487895.3	263.45	211.18	114.94	120	148.52	54255.94	-0.3	0.7	-0.36	-122.18	-32.4	0	0	-120	-35	6.4	5.11	4.58	4.09	3.59	3.07	2.53
D	6	2744.2	-31.74	134.81	482010.01	6487908.53	263.25	211.11	115.61	120	147.64	54255.65	-0.3	0.77	0	-122.35	-32.27	0	0	-120	-35	6.38	5.11	4.58	4.09	3.6	3.08	2.53
D	6	2744.4	-31.74	134.81	482009.78	6487921.76	263.05	210.89	116.12	120	146.93	54255.63	-0.31	0.88	0.41	-122.5	-32.12	0	0	-120	-35	6.35	5.11	4.58	4.1	3.6	3.09	2.54
D	6	2744.6	-31.74	134.81	482009.56	6487934.98	262.87	210.53	116.47	120	146.4	54255.85	-0.31	1.07	0.85	-122.58	-32.02	0	0	-120	-35	6.31	5.11	4.59	4.11	3.62	3.1	2.55
D	6	2744.8	-31.74	134.81	482009.36	6487948.21	262.71	210.02	116.76	120	145.95	54256.33	-0.31	1.33	1.12	-122.65	-31.95	0	0	-120	-35	6.29	5.12	4.6	4.12	3.63	3.12	2.56
D	6	2745	-31.74	134.81	482009.17	6487961.44	262.58	209.49	117.04	120	145.55	54257.07	-0.3	1.56	1.35	-122.65	-31.94	0	0	-120	-35	6.26	5.13	4.61	4.14	3.65	3.13	2.57
D	6	2745.2	-31.74	134.81	482008.98	6487974.67	262.5	209.1	117.31	120	145.19	54258.06	-0.3	1.7	1.61	-122.64	-31.95	0	0	-120	-35	6.25	5.15	4.62	4.16	3.67	3.15	2.59
D	6	2745.4	-31.74	134.81	482008.79	6487987.89	262.45	208.86	117.59	120	144.86	54259.36	-0.29	1.83	1.61	-122.55	-32.04	0	0	-120	-35	6.24	5.17	4.64	4.18	3.69	3.17	2.61
D	6	2745.6	-31.74	134.81	482008.62	6488001.12	262.44	208.82	117.87	120	144.57	54260.95	-0.28	1.96	1.45	-122.44	-32.14	0	0	-120	-35	6.24	5.19	4.66	4.21	3.72	3.19	2.62
D	6	2745.8	-31.74	134.81	482008.44	6488014.34	262.46	208.86	118.13	120	144.33	54262.76	-0.27	2.05	1.4	-122.29	-32.33	0	0	-120	-35	6.24	5.21	4.68	4.23	3.74	3.22	2.64
D	6	2746	-31.74	134.81	482008.25	6488027.56	262.5	208.88	118.36	120	144.13	54264.7	-0.25	2.07	1.27	-122.11	-32.55	0	0	-120	-35	6.24	5.24	4.71	4.26	3.77	3.24	2.65
D	6	2746.2	-31.74	134.81	482008.06	6488040.77	262.56	208.96	118.58	120	143.98	54266.76	-0.24	1.99	0.98	-121.91	-32.78	0	0	-120	-35	6.24	5.26	4.73	4.28	3.79	3.25	2.66
D	6	2746.4	-31.74	134.81	482007.86	6488053.98	262.65	209.1	118.7	120	143.96	54268.98	-0.22	1.91	0.61	-121.73	-33.03	0	0	-120	-35	6.23	5.27	4.74	4.3	3.8	3.26	2.67
D	6	2746.6	-31.74	134.81	482007.65	6488067.18	262.76	209.32	118.65	120	144.11	54271.36	-0.21	1.84	0.26	-121.52	-33.26	0	0	-120	-35	6.22	5.27	4.76	4.31	3.81	3.27	2.68
D	6	2746.8	-31.74	134.81	482007.43	6488080.38	262.86	209.58	118.32	120	144.54	54273.87	-0.19	1.79	-0.13	-121.33	-33.51	0	0	-120	-35	6.2	5.27	4.76	4.31	3.81	3.27	2.68
D	6	2747	-31.74	134.81	482007.2	6488093.57	262.96	209.77	117.61	120	145.35	54276.47	-0.18	1.79	-0.38	-121.16	-33.73	0	0	-120	-35	6.17	5.25	4.75	4.31	3.8	3.27	2.67
D	6	2747.2	-31.74	134.81	482006.94	6488106.76	263.04	209.9	116.58	120	146.45	54279.1	-0.16	1.85	-0.44	-121.01	-33.87	0	0	-120	-35	6.15	5.23	4.74	4.29	3.79	3.25	2.66
D	6	2747.4	-31.74	134.81	482006.68	6488119.95	263.1	210	115.37	120	147.73	54281.78	-0.14	1.9	-0.42	-120.89	-34.04	0	0	-120	-35	6.12	5.21	4.73	4.28	3.78	3.24	2.65
D	6	2747.6	-31.74	134.81	482006.41	6488133.13	263.17	210.13	114.24	120	148.93	54284.5	-0.13	1.98	-0.26	-120.77	-34.15	0	0	-120	-35	6.1	5.18	4.71	4.26	3.76	3.23	2.64
D	6	2747.8	-31.74	134.81	482006.13	6488146.3	263.25	210.32	113.48	120	149.76	54287.26	-0.11	2.02	0.01	-120.67	-34.28	0	0	-120	-35	6.09	5.17	4.69	4.25	3.75	3.21	2.62
D	6	2748	-31.74	134.81	482005.86	6488159.47	263.34	210.55	113.28	120	150.06	54290	-0.1	2	0.28	-120.59	-34.4	0	0	-120	-35	6.1	5.16	4.68	4.24			

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2755.8	-31.73	134.81	482002.59	6488669.47	267.1	214.3	116.91	120	150.19	54313.81	-0.11	1.27	-1.01	-120.46	-34.53	0	0	-120	-35	5.66	4.73	4.31	3.92	3.5	3.05	2.55
D	6	2756	-31.73	134.81	482002.57	6488682.47	267.06	214.22	117.31	120	149.75	54315.27	-0.1	1.18	-1.31	-120.48	-34.47	0	0	-120	-35	5.63	4.71	4.29	3.91	3.49	3.04	2.54
D	6	2756.2	-31.73	134.81	482002.51	6488695.48	266.98	214.11	117.82	120	149.16	54316.85	-0.08	1.11	-1.43	-120.52	-34.45	0	0	-120	-35	5.61	4.7	4.28	3.9	3.49	3.03	2.53
D	6	2756.4	-31.73	134.81	482002.44	6488708.49	266.85	214.01	118.31	120	148.54	54318.38	-0.07	1.08	-1.43	-120.57	-34.38	0	0	-120	-35	5.61	4.69	4.28	3.9	3.49	3.03	2.53
D	6	2756.6	-31.73	134.8	482002.34	6488721.5	266.7	213.93	118.73	120	147.97	54319.85	-0.05	1.07	-1.4	-120.65	-34.32	0	0	-120	-35	5.62	4.7	4.28	3.91	3.49	3.04	2.54
D	6	2756.8	-31.73	134.8	482002.23	6488734.52	266.54	213.88	119.03	120	147.51	54321.3	-0.04	1.07	-1.39	-120.73	-34.26	0	0	-120	-35	5.65	4.72	4.3	3.92	3.51	3.05	2.55
D	6	2757	-31.73	134.8	482002.11	6488747.54	266.39	213.85	119.2	120	147.19	54322.77	-0.02	1.07	-1.38	-120.81	-34.21	0	0	-120	-35	5.69	4.75	4.32	3.94	3.53	3.07	2.56
D	6	2757.2	-31.73	134.8	482001.99	6488760.56	266.26	213.82	119.24	120	147.02	54324.2	-0.01	1.07	-1.27	-120.91	-34.14	0	0	-120	-35	5.72	4.77	4.34	3.96	3.55	3.09	2.57
D	6	2757.4	-31.73	134.8	482001.86	6488773.59	266.14	213.78	119.18	120	146.97	54325.52	-0.01	1.02	-1.11	-121.01	-34.07	0	0	-120	-35	5.75	4.79	4.36	3.98	3.56	3.1	2.59
D	6	2757.6	-31.73	134.8	482001.73	6488786.62	266.04	213.73	119.02	120	147.01	54326.7	0	0.94	-0.95	-121.13	-33.99	0	0	-120	-35	5.78	4.81	4.38	4	3.58	3.11	2.59
D	6	2757.8	-31.73	134.8	482001.59	6488799.65	265.93	213.63	118.85	120	147.08	54327.73	0	0.84	-0.69	-121.24	-33.86	0	0	-120	-35	5.78	4.81	4.39	4	3.58	3.12	2.6
D	6	2758	-31.73	134.8	482001.46	6488812.69	265.81	213.48	118.74	120	147.07	54328.67	0.01	0.74	-0.4	-121.36	-33.74	0	0	-120	-35	5.78	4.81	4.39	4.01	3.58	3.12	2.6
D	6	2758.2	-31.73	134.8	482001.32	6488825.73	265.68	213.27	118.77	120	146.91	54329.56	0.01	0.67	-0.1	-121.47	-33.57	0	0	-120	-35	5.77	4.81	4.39	4	3.58	3.12	2.59
D	6	2758.4	-31.73	134.8	482001.2	6488838.77	265.54	213.02	118.98	120	146.56	54330.41	0.01	0.62	0.2	-121.58	-33.41	0	0	-120	-35	5.75	4.8	4.38	3.99	3.57	3.11	2.59
D	6	2758.6	-31.73	134.8	482001.08	6488851.82	265.4	212.79	119.36	120	146.04	54331.22	0.01	0.56	0.48	-121.64	-33.18	0	0	-120	-35	5.73	4.79	4.36	3.98	3.56	3.1	2.58
D	6	2758.8	-31.73	134.8	482000.97	6488864.87	265.25	212.61	119.85	120	145.4	54331.94	0.02	0.51	0.72	-121.68	-32.93	0	0	-120	-35	5.71	4.78	4.35	3.97	3.56	3.1	2.57
D	6	2759	-31.73	134.8	482000.87	6488877.92	265.1	212.52	120.35	120	144.75	54332.55	0.02	0.49	0.95	-121.74	-32.71	0	0	-120	-35	5.7	4.78	4.35	3.97	3.55	3.09	2.57
D	6	2759.2	-31.73	134.8	482000.79	6488890.98	264.95	212.47	120.79	120	144.17	54333.04	0.02	0.51	1.1	-121.74	-32.51	0	0	-120	-35	5.7	4.78	4.35	3.97	3.55	3.09	2.57
D	6	2759.4	-31.73	134.8	482000.72	6488904.04	264.8	212.44	121.1	120	143.7	54333.5	0.03	0.56	1.19	-121.75	-32.34	0	0	-120	-35	5.72	4.79	4.35	3.97	3.56	3.1	2.57
D	6	2759.6	-31.73	134.8	482000.67	6488917.1	264.64	212.37	121.25	120	143.39	54333.92	0.03	0.58	1.35	-121.73	-32.21	0	0	-120	-35	5.74	4.81	4.37	3.99	3.57	3.11	2.58
D	6	2759.8	-31.73	134.8	482000.64	6488930.17	264.47	212.22	121.26	120	143.21	54334.27	0.03	0.6	1.67	-121.72	-32.12	0	0	-120	-35	5.78	4.83	4.4	4.01	3.59	3.13	2.59
D	6	2760	-31.73	134.8	482000.63	6488943.24	264.29	211.96	121.13	120	143.16	54334.5	0.03	0.66	2.04	-121.74	-32.05	0	0	-120	-35	5.82	4.86	4.42	4.04	3.61	3.15	2.61
D	6	2760.2	-31.73	134.8	482000.65	6488956.31	264.09	211.62	120.88	120	143.21	54334.61	0.03	0.72	2.29	-121.75	-32.05	0	0	-120	-35	5.86	4.89	4.45	4.06	3.64	3.17	2.62
D	6	2760.4	-31.73	134.8	482000.68	6488969.38	263.88	211.2	120.54	120	143.34	54334.62	0.03	0.75	2.41	-121.77	-32.04	0	0	-120	-35	5.89	4.92	4.48	4.09	3.66	3.19	2.64
D	6	2760.6	-31.73	134.8	482000.73	6488982.45	263.66	210.77	120.1	120	143.55	54334.45	0.03	0.78	2.4	-121.78	-32.04	0	0	-120	-35	5.91	4.95	4.5	4.11	3.68	3.2	2.65
D	6	2760.8	-31.73	134.8	482000.79	6488995.53	263.44	210.41	119.59	120	143.85	54334.07	0.03	0.81	2.09	-121.81	-32.06	0	0	-120	-35	5.92	4.97	4.51	4.13	3.7	3.22	2.67
D	6	2761	-31.73	134.8	482000.85	6489008.61	263.22	210.11	119.01	120	144.22	54333.53	0.03	0.88	1.54	-121.87	-32.07	0	0	-120	-35	5.93	4.98	4.53	4.14	3.71	3.23	2.67
D	6	2761.2	-31.73	134.8	482000.91	6489021.68	263.02	209.91	118.36	120	144.66	54332.95	0.02	0.97	0.84	-121.88	-32.07	0	0	-120	-35	5.93	4.99	4.54	4.15	3.72	3.24	2.68
D	6	2761.4	-31.73	134.8	482000.97	6489034.76	262.82	209.78	117.67	120	145.16	54332.36	0.02	1.09	0.28	-121.91	-32.1	0	0	-120	-35	5.93	5	4.55	4.16	3.73	3.24	2.69
D	6	2761.6	-31.73	134.8	482001.02	6489047.84	262.64	209.67	116.94	120	145.7	54331.65	0.01	1.23	-0.06	-121.92	-32.1	0	0	-120	-35	5.94	5.01	4.56	4.17	3.74	3.25	2.69
D	6	2761.8	-31.73	134.8	482001.08	6489060.93	262.47	209.59	116.2	120	146.27	54330.73	0	1.31	-0.39	-121.94	-32.15	0	0	-120	-35	5.95	5.03	4.57	4.19	3.75	3.26	2.7
D	6	2762	-31.73	134.8	482001.14	6489074.01	262.33	209.48	115.51	120	146.82	54329.65	0	1.33	-0.67	-121.93	-32.17	0	0	-120	-35	5.98	5.05	4.59	4.2	3.77	3.28	2.71
D	6	2762.2	-31.73	134.8	482001.2	6489087.1	262.21	209.3	114.96	120	147.25	54328.52	-0.01	1.34	-0.87	-121.88	-32.22	0	0	-120	-35	6.02	5.07	4.62	4.23	3.79	3.3	2.73
D	6	2762.4	-31.73	134.8	482001.25	6489100.19	262.11	209.06	114.63	120	147.48	54327.37	-0.02	1.36	-0.99	-121.83	-32.27	0	0	-120	-35	6.07	5.11	4.66	4.26	3.82	3.32	2.75
D	6	2762.6	-31.73	134.8	482001.31	6489113.29	262.03	208.78	114.59	120	147.44	54326.17	-0.03	1.38	-1.04	-121.79	-32.36	0	0	-120	-35	6.13	5.15	4.69	4.29	3.85	3.34	2.77
D	6	2762.8	-31.73	134.8	482001.34	6489126.38	261.96	208.54	114.82	120	147.14	54324.89	-0.05	1.39	-1.1	-121.7	-32.45	0	0	-120	-35	6.2	5.19	4.73	4.32	3.88	3.37	2.79
D	6	2763	-31.73	134.8	482001.37	6489139.48	261.9	208.41	115.19	120	146.72	54323.57	-0.06	1.42	-1.19	-121.62	-32.52	0	0	-120	-35	6.26	5.24	4.77	4.36	3.91	3.39	2.81
D	6	2763.2	-31.73	134.8	482001.37	6489152.57	261.85	208.41	115.55	120	146.31	54322.26	-0.08	1.47	-1.42	-121.52	-32.67	0	0	-120	-35	6.31	5.27	4.81	4.39	3.93	3.42	2.83
D	6	2763.4	-31.73	134.8	482001.36	6489165.67	261.81	208.52	115.77	120	146.04	54321.04	-0.09	1.55	-1.71	-121.42	-32.81	0	0	-120	-35	6.36	5.3	4.84	4.41	3.95	3.43	2.84
D	6	2763.6	-31.73	134.8	482001.34	6489178.77	261.77	208.67	115.8	120	145.97	54319.96	-0.1	1.59	-2.07	-121.31	-32.96	0	0	-120	-35	6.39	5.32	4.86	4.42	3.96	3.44	2.85
D	6	2763.8	-31.73	134.8	482001.29	6489191.87	261.72	208.83	115.7	120	146.03	54319.05	-0.11	1.57	-2.43	-121.19	-33.07	0	0	-120	-35	6.4	5.33	4.87	4.43	3.97	3.45	2.86
D	6	2764	-31.73	134.8	482001.24	6489204.98	261.66	208.9	115.59	120	146.07	54318.27	-0.12	1.49	-2.76	-121.07	-33.22	0	0	-120	-35	6.39	5.34	4.87	4.44	3.97	3.45	2.86
D	6	2764.2	-31.73	134.8	482001.17	6489218.09	261.59	208.86	115.62	120	145.97	54317.62	-0.12	1.35	-2.91	-120.96	-33.36	0	0	-120	-35	6.37	5.33	4.87	4.43	3.97	3.45	2.86
D	6	2764.4	-31.73	134.8	482001.08	6489231.22	261.51	208.73	115.89	120	145.62	54317.08	-0.13	1.17	-2.83	-120.87	-33.49	0	0	-120	-35	6.35	5.33	4.86	4.43	3.96	3.45	2.86
D																												

H1000	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	TxraIt_raw	TxraIt_final	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	6	2772.2	-31.72	134.81	482002.31	6489744.44	256.07	202.53	123.15	120	132.92	54345.14	-0.01	1.02	-2.56	-120.86	-34.5	0	0	-120	-35	6.47	5.74	5.32	4.91	4.45	3.91	3.3
D	6	2772.4	-31.72	134.81	482002.52	6489757.62	255.9	202.44	123.04	120	132.86	54344.85	-0.02	1.12	-3.25	-120.87	-34.45	0	0	-120	-35	6.45	5.72	5.31	4.9	4.44	3.91	3.3
D	6	2772.6	-31.72	134.81	482002.72	6489770.8	255.73	202.39	122.92	120	132.81	54344.59	-0.03	1.22	-3.76	-120.88	-34.34	0	0	-120	-35	6.45	5.72	5.31	4.9	4.44	3.92	3.31
D	6	2772.8	-31.72	134.81	482002.89	6489783.99	255.56	202.33	122.82	120	132.74	54344.31	-0.04	1.29	-3.99	-120.91	-34.26	0	0	-120	-35	6.48	5.74	5.33	4.92	4.46	3.94	3.33
D	6	2773	-31.72	134.81	482003.04	6489797.19	255.4	202.26	122.73	120	132.66	54343.96	-0.04	1.34	-3.96	-120.91	-34.15	0	0	-120	-35	6.52	5.78	5.37	4.96	4.5	3.97	3.36
D	6	2773.2	-31.72	134.81	482003.18	6489810.39	255.25	202.19	122.65	120	132.6	54343.55	-0.05	1.36	-3.85	-120.96	-34.05	0	0	-120	-35	6.57	5.81	5.41	4.99	4.53	4	3.39
D	6	2773.4	-31.72	134.81	482003.29	6489823.59	255.12	202.08	122.55	120	132.56	54343.21	-0.06	1.4	-3.82	-120.99	-33.92	0	0	-120	-35	6.61	5.85	5.44	5.02	4.56	4.03	3.42
D	6	2773.6	-31.72	134.81	482003.39	6489836.8	254.99	201.97	122.43	120	132.56	54343.01	-0.07	1.43	-3.77	-121.02	-33.8	0	0	-120	-35	6.64	5.87	5.47	5.04	4.58	4.05	3.44
D	6	2773.8	-31.72	134.81	482003.48	6489850.01	254.86	201.86	122.27	120	132.59	54342.92	-0.08	1.44	-3.63	-121.06	-33.66	0	0	-120	-35	6.65	5.88	5.47	5.05	4.58	4.06	3.45
D	6	2774	-31.72	134.81	482003.55	6489863.22	254.72	201.73	122.12	120	132.6	54342.88	-0.09	1.45	-3.34	-121.09	-33.54	0	0	-120	-35	6.65	5.88	5.47	5.05	4.58	4.06	3.45
D	6	2774.2	-31.72	134.81	482003.62	6489876.43	254.55	201.56	121.97	120	132.58	54342.89	-0.09	1.47	-2.89	-121.14	-33.4	0	0	-120	-35	6.63	5.87	5.46	5.04	4.58	4.05	3.45
D	6	2774.4	-31.72	134.81	482003.68	6489889.64	254.38	201.35	121.83	120	132.55	54343	-0.1	1.53	-2.39	-121.17	-33.34	0	0	-120	-35	6.62	5.87	5.45	5.04	4.57	4.05	3.46
D	6	2774.6	-31.72	134.81	482003.73	6489902.86	254.22	201.13	121.7	120	132.51	54343.22	-0.1	1.66	-1.92	-121.2	-33.28	0	0	-120	-35	6.61	5.87	5.45	5.04	4.57	4.05	3.46
D	6	2774.8	-31.72	134.81	482003.77	6489916.07	254.09	200.97	121.6	120	132.49	54343.57	-0.1	1.81	-1.62	-121.2	-33.3	0	0	-120	-35	6.62	5.87	5.45	5.04	4.58	4.06	3.47
D	6	2775	-31.72	134.81	482003.8	6489929.29	254.02	200.9	121.57	120	132.45	54344.13	-0.1	1.93	-1.51	-121.19	-33.33	0	0	-120	-35	6.63	5.89	5.47	5.05	4.59	4.07	3.48
D	6	2775.2	-31.72	134.81	482003.82	6489942.52	254.01	200.95	121.61	120	132.4	54344.92	-0.1	1.98	-1.43	-121.17	-33.47	0	0	-120	-35	6.65	5.91	5.48	5.07	4.61	4.08	3.49
D	6	2775.4	-31.72	134.81	482003.84	6489955.75	254.06	201.03	121.71	120	132.35	54345.86	-0.1	1.97	-1.15	-121.1	-33.66	0	0	-120	-35	6.67	5.93	5.5	5.09	4.62	4.1	3.51
D	6	2775.6	-31.72	134.81	482003.85	6489968.99	254.14	201.09	121.83	120	132.32	54346.87	-0.09	1.9	-0.79	-121.02	-33.86	0	0	-120	-35	6.7	5.95	5.52	5.11	4.64	4.12	3.52
D	6	2775.8	-31.72	134.81	482003.86	6489982.22	254.24	201.13	121.94	120	132.3	54347.97	-0.09	1.81	-0.66	-120.91	-34.08	0	0	-120	-35	6.72	5.97	5.54	5.12	4.65	4.13	3.53
D	6	2776	-31.72	134.81	482003.88	6489995.45	254.33	201.17	122.01	120	132.32	54349.19	-0.08	1.71	-0.72	-120.81	-34.34	0	0	-120	-35	6.73	5.98	5.55	5.14	4.67	4.14	3.54
D	6	2776.2	-31.72	134.81	482003.9	6490008.68	254.41	201.21	122.06	120	132.34	54350.52	-0.08	1.65	-0.72	-120.68	-34.57	0	0	-120	-35	6.75	5.98	5.56	5.15	4.68	4.15	3.55
D	6	2776.4	-31.72	134.81	482003.94	6490021.91	254.48	201.28	122.09	120	132.39	54351.91	-0.07	1.62	-0.7	-120.53	-34.77	0	0	-120	-35	6.76	5.99	5.56	5.15	4.68	4.16	3.55
D	6	2776.6	-31.72	134.81	482003.98	6490035.13	254.54	201.34	122.09	120	132.45	54353.32	-0.06	1.59	-0.68	-120.41	-34.95	0	0	-120	-35	6.76	5.98	5.56	5.15	4.68	4.15	3.55
D	6	2776.8	-31.72	134.81	482004.03	6490048.36	254.6	201.33	122.09	120	132.51	54354.74	-0.06	1.58	-0.58	-120.3	-35.06	0	0	-120	-35	6.75	5.97	5.55	5.14	4.67	4.15	3.55
D	6	2777	-31.72	134.81	482004.09	6490061.58	254.67	201.31	122.08	120	132.59	54356.19	-0.05	1.6	-0.52	-120.19	-35.12	0	0	-120	-35	6.74	5.95	5.54	5.13	4.66	4.14	3.54
D	6	2777.2	-31.72	134.81	482004.14	6490074.79	254.74	201.3	122.06	120	132.68	54357.64	-0.04	1.63	-0.52	-120.11	-35.16	0	0	-120	-35	6.72	5.93	5.52	5.11	4.65	4.13	3.54
D	6	2777.4	-31.72	134.81	482004.21	6490088.01	254.81	201.33	122.05	120	132.76	54359.13	-0.04	1.68	-0.6	-120.06	-35.22	0	0	-120	-35	6.69	5.91	5.5	5.09	4.63	4.11	3.52
D	6	2777.6	-31.72	134.81	482004.27	6490101.22	254.88	201.43	122.05	120	132.83	54360.66	-0.03	1.72	-0.7	-120	-35.19	0	0	-120	-35	6.66	5.88	5.47	5.06	4.61	4.09	3.51
D	6	2777.8	-31.72	134.81	482004.34	6490114.43	254.96	201.55	122.07	120	132.88	54362.24	-0.02	1.75	-0.8	-119.97	-35.18	0	0	-120	-35	6.62	5.86	5.44	5.04	4.59	4.07	3.49
D	6	2778	-31.72	134.81	482004.41	6490127.63	255.03	201.63	122.14	120	132.89	54363.83	-0.02	1.79	-0.82	-119.97	-35.19	0	0	-120	-35	6.59	5.83	5.42	5.02	4.56	4.05	3.48
D	6	2778.2	-31.72	134.81	482004.48	6490140.84	255.11	201.67	122.26	120	132.85	54365.38	-0.01	1.82	-0.8	-119.97	-35.16	0	0	-120	-35	6.57	5.81	5.4	5	4.54	4.04	3.47
D	6	2778.4	-31.72	134.81	482004.55	6490154.04	255.19	201.68	122.46	120	132.74	54366.85	-0.01	1.82	-0.75	-119.97	-35.12	0	0	-120	-35	6.55	5.8	5.38	4.98	4.53	4.02	3.45
D	6	2778.6	-31.72	134.81	482004.62	6490167.25	255.27	201.69	122.68	120	132.59	54368.27	-0.01	1.84	-0.75	-119.96	-35.03	0	0	-120	-35	6.53	5.78	5.36	4.96	4.51	4.01	3.44
D	6	2778.8	-31.72	134.81	482004.69	6490180.45	255.35	201.72	122.92	120	132.44	54369.71	-0.01	1.86	-0.87	-120.02	-34.94	0	0	-120	-35	6.51	5.75	5.34	4.94	4.49	3.99	3.43
D	6	2779	-31.72	134.81	482004.76	6490193.64	255.42	201.78	123.13	120	132.29	54371.15	0	1.88	-0.87	-120.08	-34.8	0	0	-120	-35	6.48	5.73	5.32	4.92	4.47	3.97	3.41
D	6	2779.2	-31.72	134.81	482004.83	6490206.84	255.49	201.83	123.31	120	132.18	54372.62	0	1.91	-0.66	-120.16	-34.64	0	0	-120	-35	6.45	5.7	5.3	4.9	4.46	3.96	3.4
D	6	2779.4	-31.72	134.81	482004.89	6490220.03	255.55	201.85	123.46	120	132.08	54374.12	0.01	1.93	-0.27	-120.24	-34.48	0	0	-120	-35	6.42	5.67	5.27	4.88	4.44	3.94	3.39
D	6	2779.6	-31.72	134.81	482004.96	6490233.22	255.6	201.83	123.62	120	131.98	54375.62	0.01	1.93	0.22	-120.34	-34.3	0	0	-120	-35	6.39	5.65	5.25	4.86	4.42	3.92	3.37
D	6	2779.8	-31.72	134.81	482005.02	6490246.41	255.64	201.77	123.75	120	131.89	54377.08	0.02	1.9	0.77	-120.43	-34.12	0	0	-120	-35	6.37	5.63	5.23	4.84	4.4	3.91	3.36
D	6	2780	-31.72	134.81	482005.09	6490259.6	255.68	201.73	123.88	120	131.8	54378.47	0.02	1.87	1.19	-120.55	-33.96	0	0	-120	-35	6.36	5.62	5.23	4.83	4.4	3.91	3.36
D	6	2780.2	-31.72	134.81	482005.16	6490272.78	255.71	201.74	123.98	120	131.73	54379.83	0.03	1.85	1.54	-120.63	-33.84	0	0	-120	-35	6.36	5.62	5.23	4.84	4.4	3.91	3.36
D	6	2780.4	-31.72	134.81	482005.23	6490285.97	255.74	201.83	124.06	120	131.68	54381.18	0.04	1.87	1.89	-120.73	-33.74	0	0	-120	-35	6.37	5.64	5.24	4.85	4.41	3.92	3.37
D	6	2780.6	-31.72	134.81	482005.3	6490299.15	255.76	201.98	124.15	120	131.61	54382.43	0.04	1.91	2.17	-120.79	-33.67	0	0	-120	-35	6.38	5.65	5.25	4.86	4.43	3.93	3.38
D	6	2780.8	-31.72	134.81	482005.39	6490312.33	255.78	202.21	124.23	120	131.55	54383.56	0.05	1.94	2.23	-120.84	-33.63	0	0	-120	-35	6.39	5.67	5				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.91	0.48	0.2	0.06	0.01		0.001	0	5.65	4.46	3.9	3.41	2.88	2.27	1.6	0.97	0.5	0.21	0.06	0.01		0.001	0	0	1.68
0.89	0.47	0.2	0.06	0.01		0.001	0	5.59	4.41	3.85	3.36	2.83	2.23	1.56	0.95	0.49	0.2	0.06	0.01		0.001	0	0	1.38
0.87	0.46	0.2	0.06	0.01			0	5.55	4.38	3.81	3.32	2.79	2.18	1.53	0.93	0.48	0.2	0.06	0.01			0	0	1.29
0.86	0.45	0.2	0.06	0.01			0	5.51	4.34	3.77	3.28	2.75	2.14	1.49	0.9	0.47	0.2	0.06	0.01			0	0	1.48
0.84	0.44	0.19	0.06	0.01			0	5.47	4.32	3.74	3.25	2.71	2.11	1.46	0.88	0.46	0.19	0.06	0.01			0	0	1.57
0.82	0.43	0.19	0.06	0.01			0.001	5.45	4.3	3.71	3.22	2.68	2.07	1.43	0.86	0.44	0.18	0.06	0.01			0.001	0	1.61
0.81	0.42	0.18	0.06	0.01			0.001	5.44	4.29	3.69	3.2	2.66	2.05	1.4	0.83	0.43	0.18	0.05	0.01			0.001	0	1.61
0.79	0.41	0.18	0.05	0.01			0.001	5.42	4.28	3.67	3.18	2.63	2.02	1.37	0.81	0.42	0.17	0.05	0.01			0.001	0	1.08
0.78	0.41	0.17	0.05	0.01	0.002		0.002	5.41	4.26	3.66	3.16	2.61	1.99	1.35	0.79	0.4	0.16	0.05	0.01	0.002		0.002	0	1.38
0.77	0.4	0.16	0.05	0.01	0.002		0.002	5.4	4.25	3.64	3.15	2.59	1.97	1.33	0.77	0.39	0.16	0.04	0.01	0.002		0.002	0	1.41
0.76	0.39	0.16	0.05	0.01	0.002		0.003	5.4	4.23	3.63	3.13	2.57	1.95	1.31	0.76	0.38	0.15	0.04	0.01	0.002		0.003	0	1.82
0.75	0.38	0.16	0.04	0.01	0.001		0.003	5.39	4.22	3.61	3.12	2.55	1.93	1.29	0.74	0.37	0.15	0.04	0.01	0.001		0.003	0	1.42
0.74	0.38	0.15	0.04	0.01	0.001		0.002	5.39	4.21	3.61	3.11	2.54	1.92	1.28	0.73	0.36	0.14	0.04	0.009	0.001		0.002	0	1.66
0.74	0.37	0.15	0.04	0.01	0.001		0.002	5.39	4.2	3.6	3.1	2.53	1.91	1.27	0.73	0.36	0.14	0.03	0.009	0.001		0.002	0	2.07
0.73	0.37	0.15	0.04	0.01	0.001		0.002	5.39	4.2	3.59	3.09	2.53	1.9	1.26	0.72	0.35	0.13	0.03	0.008	0.001		0.002	0	2.12
0.73	0.36	0.14	0.04	0.009	0.001		0.002	5.39	4.2	3.59	3.09	2.52	1.89	1.25	0.71	0.35	0.13	0.03	0.009	0.001		0.002	0	1.73
0.73	0.36	0.14	0.03	0.008	0.001		0.002	5.39	4.2	3.58	3.08	2.51	1.88	1.24	0.71	0.34	0.13	0.03	0.008	0.001		0.002	157.7	1.76
0.72	0.35	0.13	0.03	0.007	0.001		0.002	5.39	4.2	3.57	3.07	2.5	1.87	1.24	0.7	0.33	0.12	0.03	0.007	0.001		0.002	0	1.53
0.72	0.35	0.13	0.03	0.006	0.001		0.002	5.39	4.2	3.56	3.06	2.49	1.87	1.23	0.69	0.33	0.12	0.03	0.006	0.001		0.002	68.2	1.65
0.72	0.34	0.13	0.03	0.006	0.001		0.002	5.39	4.19	3.55	3.05	2.48	1.86	1.22	0.69	0.32	0.11	0.02	0.006	0.001		0.002	0	2.16
0.72	0.34	0.12	0.03	0.006	0.001		0.002	5.39	4.18	3.54	3.03	2.47	1.85	1.22	0.69	0.32	0.11	0.02	0.006	0.001		0.002	0	1.9
0.72	0.34	0.12	0.03	0.006	0.002		0.002	5.39	4.17	3.54	3.02	2.46	1.85	1.22	0.68	0.32	0.11	0.02	0.006	0.002		0.002	0	1.51
0.72	0.34	0.12	0.02	0.006	0.002		0.002	5.4	4.16	3.53	3.01	2.45	1.84	1.22	0.68	0.32	0.11	0.02	0.006	0.002		0.002	0	2.04
0.72	0.34	0.12	0.02	0.006	0.002		0.001	5.42	4.16	3.53	3.01	2.45	1.84	1.22	0.69	0.32	0.1	0.02	0.006	0.002		0.001	0	1.74
0.73	0.34	0.11	0.02	0.006	0.002		0	5.44	4.15	3.53	3	2.45	1.85	1.22	0.69	0.32	0.1	0.02	0.006	0.002		0	0	1.72
0.73	0.34	0.12	0.02	0.005	0.002	0.001	0	5.46	4.15	3.53	3	2.45	1.85	1.23	0.7	0.32	0.1	0.02	0.005	0.002	0.001	0	0	1.35
0.74	0.35	0.12	0.02	0.004	0.002	0.001	0.001	5.49	4.15	3.52	2.99	2.44	1.85	1.23	0.7	0.32	0.1	0.02	0.004	0.002	0.001	0.001	0	2.09
0.75	0.35	0.12	0.02	0.004	0.001	0.001	0.001	5.51	4.15	3.52	2.99	2.44	1.86	1.24	0.71	0.33	0.11	0.02	0.004	0.001	0.001	0.001	0	2.26
0.75	0.36	0.12	0.02	0.003	0.001	0.001	0.001	5.53	4.15	3.51	2.98	2.44	1.86	1.25	0.72	0.33	0.11	0.02	0.003	0.001	0.001	0.001	0	1.93
0.76	0.36	0.13	0.02	0.001	0.001	0.001	0.001	5.54	4.15	3.5	2.97	2.43	1.86	1.26	0.72	0.34	0.11	0.02	0.001	0.001	0.001	0.001	0	1.35
0.77	0.37	0.13	0.02	0.002	0.001	0.001	0.001	5.54	4.14	3.48	2.96	2.43	1.87	1.26	0.73	0.35	0.12	0.02	0.002	0.001	0.001	0.001	0	2.36
0.78	0.38	0.14	0.03	0.002	0.002	0.001	0.001	5.53	4.12	3.47	2.94	2.42	1.87	1.27	0.74	0.35	0.13	0.02	0.002	0.002	0.001	0.001	0	2.1
0.79	0.39	0.14	0.03	0.003	0.002	0.001	0.001	5.53	4.11	3.45	2.93	2.42	1.87	1.28	0.75	0.36	0.13	0.02	0.003	0.002	0.001	0.001	0	1.49
0.8	0.4	0.15	0.03	0.003	0.002	0.001	0.001	5.52	4.09	3.43	2.92	2.41	1.87	1.29	0.76	0.37	0.14	0.03	0.003	0.002	0.001	0.001	0	1.83
0.82	0.41	0.15	0.03	0.002	0.002	0.001	0.001	5.51	4.08	3.42	2.91	2.41	1.88	1.3	0.77	0.38	0.14	0.03	0.002	0.002	0.001	0.001	0	1.57
0.83	0.41	0.16		0.002	0.002	0.001	0.001	5.51	4.08	3.42	2.91	2.41	1.89	1.31	0.78	0.39	0.14		0.002	0.002	0.001	0.001	0	1.81
0.84	0.42	0.16		0.002	0.002	0.001	0.001	5.52	4.07	3.41	2.9	2.41	1.89	1.32	0.79	0.39	0.15		0.002	0.002	0.001	0.001	0	2.13
0.84	0.42	0.16		0.002	0.002	0.002	0.002	5.52	4.07	3.4	2.9	2.41	1.89	1.32	0.79	0.39	0.15		0.002	0.002	0.002	0.002	0	1.98
0.85	0.43	0.17		0.002	0.002	0.002	0.002	5.51	4.07	3.39	2.89	2.4	1.89	1.32	0.8	0.39	0.15		0.002	0.002	0.002	0.002	0	1.62
0.85	0.43	0.17		0.002	0.002	0.002	0.002	5.51	4.06	3.38	2.88	2.39	1.89	1.32	0.8	0.39	0.15		0.002	0.002	0.002	0.002	0	2.4
0.85	0.43	0.17		0.002	0.002	0.002	0.002	5.49	4.05	3.36	2.86	2.38	1.88	1.32	0.79	0.39	0.15		0.002	0.002	0.002	0.002	0	2.29
0.84	0.43	0.17		0.002	0.002	0.002	0.002	5.46	4.02	3.34	2.84	2.36	1.86	1.3	0.78	0.39	0.15		0.002	0.002	0.002	0.002	0	2.1
0.83	0.42	0.17	0.05	0.002	0.002	0.001	0.001	5.42	3.99	3.31	2.81	2.33	1.83	1.28	0.77	0.39	0.15	0.04	0.002	0.002	0.001	0.001	0	1.63
0.82	0.42	0.17	0.05	0.002	0.002	0.001	0.001	5.37	3.96	3.27	2.78	2.3	1.8	1.26	0.76	0.38	0.15	0.04	0.002	0.002	0.001	0.001	0	1.44
0.8	0.41	0.17	0.05	0.002	0.002	0	0	5.33	3.92	3.24	2.75	2.27	1.78	1.24	0.74	0.38	0.15	0.05	0.002	0.002	0	0	2.07	
0.79	0.41	0.17	0.05	0.002	0.002	0	0	5.29	3.89	3.21	2.73	2.25	1.75	1.22	0.73	0.37	0.15	0.05	0.002	0.002	0	0	2.03	
0.77	0.4	0.17	0.05	0.002	0.002	0	0	5.27	3.88	3.2	2.71	2.23	1.73	1.2	0.72	0.36	0.15	0.05	0.002	0.002	0	0	2.27	
0.76	0.39	0.17	0.05	0.001	0	0	0	5.28	3.88	3.2	2.71	2.23	1.72	1.19	0.71	0.36	0.15	0.04	0.001	0	0	0	2.51	
0.76	0.39	0.16	0.05	0.001	0.001	0	0	5.3	3.89	3.22	2.72	2.23	1.72	1.18	0.7	0.35	0.15	0.04	0.001	0.001	0	0	2.43	
0.75	0.38	0.16	0.05	0	0.001	0	0	5.33	3.91	3.24	2.74	2.24	1.72	1.17	0.69	0.35	0.14	0.04	0	0.001	0	0	1.45	
0.74	0.37	0.16	0.05	0.01	0.001	0	0.001	5.35	3.93	3.26	2.76	2.25	1.72	1.17	0.68	0.34	0.14	0.04	0.01	0.001	0	0.001	0	2.33
0.73	0.37	0.15	0.05	0.01	0	0.001	0.001	5.37	3.94	3.27	2.77	2.25	1.72	1.16	0.67	0.33	0.14	0.04	0.01	0	0.001	0	2.57	
0.72	0.36	0.15	0.05	0.01	0	0.001	0.001	5.38	3.94	3.27	2.77	2.25	1.71	1.15	0.66	0.32	0.13	0.04	0.01	0	0.001	0	2.54	
0.7	0.35	0.15	0.05	0.01	0.001	0	0.001	5.36	3.92	3.26	2.76	2.24	1.7	1.13	0.65	0.32	0.13	0.04	0.01	0.001	0	0.001	0	2.28
0.68	0.34	0.14	0.05	0.01	0.003	0.001	0.001	5.33	3.9	3.24	2.73	2.21	1.67	1.11	0.63	0.31	0.13	0.04	0.01	0.003	0.001	0.001	0	1.54
0.67	0.33	0.14	0.05	0.01																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.34	0.13	0.03	0.01		0.001	0	0.001	4.73	3.4	2.82	2.31	1.76	1.2	0.69	0.33	0.12	0.03	0.01		0.001	0	0.001	0	2.32	
0.34	0.13	0.04	0.01			0	0.001	4.75	3.43	2.86	2.35	1.8	1.23	0.71	0.34	0.13	0.03	0.01			0	0.001	0	2.31	
0.35	0.14	0.04	0.01			0	0.002	4.76	3.45	2.88	2.38	1.84	1.26	0.73	0.35	0.13	0.04	0.01			0	0.002	0	1.88	
0.36	0.14	0.04	0.01			0	0.002	4.77	3.47	2.91	2.42	1.87	1.29	0.75	0.36	0.14	0.04	0.01			0	0.002	0	1.99	
0.38	0.15	0.04	0.01			0.001	0.003	4.78	3.49	2.94	2.45	1.91	1.33	0.78	0.38	0.15	0.04	0.01			0.001	0.003	0	2.18	
0.39	0.16	0.05	0.01			0.001	0.003	4.81	3.52	2.97	2.49	1.95	1.37	0.81	0.4	0.16	0.04	0.01			0.001	0.003	0	2.12	
0.41	0.17	0.05	0.01			0.001	0.003	4.85	3.56	3.02	2.54	2	1.41	0.84	0.42	0.17	0.05	0.01			0.001	0.003	0	1.83	
0.43	0.18	0.05	0.01			0.001	0.004	4.91	3.61	3.07	2.59	2.05	1.46	0.88	0.44	0.18	0.05	0.01			0.001	0.004	0	1.7	
0.44	0.19	0.06	0.01			0.001	0.005	4.97	3.67	3.13	2.64	2.1	1.51	0.92	0.46	0.19	0.06	0.01			0.001	0.005	0	1.22	
0.46	0.19	0.06	0.01			0.001	0.005	5.03	3.72	3.18	2.69	2.15	1.55	0.95	0.48	0.2	0.06	0.01			0.001	0.005	0	1.41	
0.47	0.2	0.07	0.01			0	0.005	5.09	3.78	3.23	2.74	2.2	1.59	0.98	0.5	0.21	0.06	0.01			0	0.005	0	1.7	
0.48	0.21	0.07	0.01			0	0.005	5.14	3.82	3.27	2.78	2.23	1.62	1	0.52	0.22	0.07	0.01			0	0.005	0	1.78	
0.49	0.21	0.07	0.01			0	0.004	5.18	3.86	3.31	2.8	2.25	1.63	1.01	0.52	0.22	0.07	0.01			0	0.004	0	2	
0.49	0.22	0.08	0.01			0	0.004	5.21	3.89	3.33	2.82	2.26	1.64	1.02	0.53	0.23	0.08	0.01			0	0.004	0	1.66	
0.49	0.22	0.08	0.02			0	0.003	5.23	3.91	3.35	2.83	2.27	1.64	1.01	0.53	0.23	0.08	0.02			0	0.003	0	1.37	
0.48	0.22	0.08	0.02		0.001	0	0.002	5.25	3.93	3.36	2.84	2.27	1.64	1.01	0.53	0.24	0.09	0.02			0.001	0.002	0	2.21	
0.48	0.23	0.09	0.02		0.001	0	0.001	5.26	3.95	3.37	2.85	2.27	1.63	1.01	0.53	0.24	0.09	0.02			0.001	0.001	0	2.02	
0.48	0.23	0.09	0.02		0	0	0.001	5.27	3.96	3.39	2.86	2.27	1.62	1	0.53	0.25	0.1	0.02			0	0.001	0	1.26	
0.48	0.23	0.1	0.03	0.009	0	0.001	0	5.28	3.98	3.41	2.87	2.27	1.62	1	0.54	0.25	0.1	0.03	0.009	0	0.001	0	0	1.72	
0.48	0.24	0.1	0.03	0.01	0.001	0.001	0	5.28	4	3.42	2.89	2.27	1.62	1	0.54	0.26	0.11	0.03	0.01	0.001	0.001	0	0	1.87	
0.48	0.24	0.11	0.03	0.01	0.001	0	0	5.28	4.02	3.43	2.9	2.28	1.62	1	0.54	0.27	0.11	0.03	0.01	0.001	0.001	0	0	1.58	
0.48	0.25	0.11	0.03	0.01	0.001	0	0	5.26	4.03	3.44	2.9	2.28	1.62	1	0.55	0.27	0.12	0.03	0.01	0.001	0.001	0	0	1.35	
0.49	0.25	0.11	0.03	0.01	0.001	0	0	5.25	4.04	3.45	2.91	2.28	1.62	1	0.55	0.28	0.12	0.04	0.01	0.001	0.001	0	148.6	1.44	
0.49	0.25	0.11	0.04	0.01	0.001	0	0	5.23	4.05	3.45	2.92	2.29	1.62	1.01	0.56	0.28	0.12	0.04	0.01	0.001	0.001	0	0	1.63	
0.49	0.25	0.12	0.04	0.01	0	0	0	5.22	4.05	3.46	2.93	2.29	1.63	1.01	0.56	0.29	0.13	0.04	0.01	0	0	0	0	1.68	
0.49	0.26	0.12	0.04		0	0	0	5.22	4.06	3.47	2.94	2.3	1.63	1.02	0.57	0.29	0.13	0.04		0	0	0	0	1.51	
0.49	0.26	0.11	0.04		0		0.001	5.22	4.07	3.48	2.94	2.31	1.64	1.03	0.57	0.29	0.12	0.04		0	0.001	0	0	1.63	
0.49	0.26	0.11	0.03		0.001	0	0	5.23	4.08	3.5	2.96	2.32	1.65	1.03	0.58	0.29	0.12	0.04		0.001	0	0	0	1.93	
0.5	0.25	0.11	0.03		0.001	0	0	5.25	4.1	3.52	2.97	2.33	1.65	1.04	0.58	0.29	0.12	0.04		0.001	0	0	0	1.84	
0.5	0.25	0.11	0.03		0.001	0.003	0	5.28	4.12	3.54	2.99	2.34	1.66	1.04	0.58	0.29	0.12	0.03		0.001	0.003	0	0	1.35	
0.49	0.25	0.1	0.03		0.001	0.003	0.001	5.31	4.15	3.56	3	2.35	1.66	1.05	0.58	0.28	0.11	0.03		0.001	0.003	0.001	0	1.29	
0.49	0.24	0.1	0.03		0.001	0.002	0.001	5.34	4.17	3.58	3.01	2.35	1.67	1.04	0.58	0.28	0.11	0.03		0.001	0.002	0.001	0	1.96	
0.49	0.24	0.1	0.03		0.001	0.002	0.002	5.37	4.2	3.6	3.02	2.35	1.66	1.04	0.57	0.27	0.11	0.03		0.001	0.002	0.002	0	1.74	
0.48	0.24	0.1	0.03		0.001	0.002	0.002	5.39	4.22	3.62	3.03	2.35	1.66	1.04	0.57	0.27	0.1	0.03		0.001	0.002	0.002	0	1.48	
0.48	0.23	0.09	0.03		0.001	0.001	0.002	5.42	4.25	3.64	3.04	2.35	1.66	1.03	0.56	0.26	0.1	0.03		0.001	0.001	0.002	0	1.3	
0.47	0.23	0.09	0.03		0.001	0.001	0.002	5.44	4.27	3.65	3.05	2.35	1.65	1.02	0.55	0.26	0.1	0.03		0.001	0.001	0.002	0	1.98	
0.47	0.22	0.09	0.03		0.001	0.001	0.002	5.46	4.29	3.66	3.05	2.35	1.65	1.01	0.55	0.25	0.1	0.03		0.001	0.001	0.002	0	2.17	
0.46	0.22	0.09	0.03		0.001	0.001	0.002	5.47	4.3	3.67	3.05	2.35	1.64	1.01	0.54	0.25	0.1	0.03		0.001	0.001	0.002	0	1.73	
0.46	0.22	0.09	0.03		0.002	0	0.002	5.47	4.3	3.67	3.05	2.34	1.63	1	0.54	0.25	0.09	0.03		0.002	0	0.002	0	2.11	
0.46	0.22	0.09	0.03		0.001	0	0.002	5.46	4.29	3.66	3.04	2.34	1.63	1	0.53	0.24	0.09	0.03		0.001	0	0.002	0	2.34	
0.46	0.22	0.09	0.03		0.001	0	0.002	5.43	4.27	3.65	3.03	2.34	1.63	0.99	0.53	0.24	0.09	0.03		0.001	0	0.002	0	2.04	
0.47	0.22	0.09	0.03	0.001		0	0.001	5.4	4.25	3.64	3.03	2.34	1.63	1	0.53	0.25	0.09	0.03	0.001		0	0.001	0	1.56	
0.48	0.23	0.09	0.03	0.002		0	0.001	5.37	4.23	3.63	3.03	2.35	1.65	1.01	0.54	0.25	0.1	0.03	0.002		0	0.001	0	1.91	
0.49	0.24	0.1	0.03	0.002		0	0	5.33	4.21	3.62	3.03	2.36	1.67	1.03	0.56	0.26	0.1	0.03	0.002		0	0	0	1.92	
0.51	0.25	0.1	0.03	0.003		0	0	5.3	4.19	3.61	3.04	2.39	1.7	1.06	0.58	0.27	0.11	0.03	0.003		0	0	0	2.05	
0.55	0.27	0.11	0.04	0.006	0.005	0	0	5.28	4.18	3.62	3.06	2.43	1.75	1.11	0.61	0.29	0.12	0.04	0.006	0.005		0	0	1.81	
0.58	0.29	0.12	0.04	0.008	0.005	0	0	5.26	4.18	3.63	3.09	2.47	1.8	1.16	0.65	0.32	0.13	0.04	0.008	0.005		0	0	1.86	
0.63	0.32	0.13	0.04	0.01	0.004	0	0	5.24	4.17	3.64	3.12	2.52	1.86	1.22	0.7	0.34	0.14	0.04	0.01	0.004		0	0	2	
0.67	0.34	0.14	0.05	0.01	0.003	0	0	5.23	4.17	3.65	3.15	2.57	1.92	1.27	0.74	0.37	0.15	0.05	0.01	0.003		0	0	1.92	
0.71	0.37	0.16	0.05	0.01	0.002	0	0	5.21	4.16	3.66	3.17	2.61	1.98	1.33	0.79	0.4	0.16	0.05	0.01	0.002		0	0	1.66	
0.76	0.39	0.17	0.05	0.01	0.001	0	0	5.19	4.15	3.66	3.19	2.65	2.04	1.39	0.83	0.42	0.17	0.05	0.01	0.001		0	0	1.34	
0.8	0.42	0.18	0.05	0.01	0.001	0	0.001	5.17	4.14	3.66	3.21	2.69	2.09	1.44	0.87	0.45	0.18	0.05	0.01	0.001		0	0.001	0	1.69
0.84	0.44	0.19	0.05		0	0.001	0.001	5.16	4.13	3.66	3.22	2.72	2.13	1.49	0.91	0.47	0.2	0.05		0	0.001	0.001	0	1.83	
0.88	0.47	0.2	0.06		0	0.001	0.001	5.15	4.12	3.66	3.23	2.74	2.16	1.53	0.94	0.49	0.21	0.06		0	0.001	0.001	0	1.34	
0.9	0.48	0.21	0.06		0	0.001	0.002	5.13	4.12	3.65	3.24	2.75	2.19	1.55	0.97	0.51	0.21	0.06		0	0.001	0.002	0	1.44	
0.92	0.5	0.21	0.06		0.001	0.001	0.002	5.13	4.1	3.64	3.23	2.76	2.2	1.57	0.98	0.52	0.22	0.06		0.001	0.001	0.002	0	1.78	
0.93	0.5	0.22	0.06		0.002	0.001	0.002	5.12	4.09	3.63	3.23	2.75	2.2	1.57	0.99	0.52	0.22	0.06		0.002	0.001	0.002	0	1.52	
0.94	0.51	0.22	0.06		0.003	0.001	0.002	5.11																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.94	0.49	0.22	0.09	0.05	0.03	0.02	0.01	5.14	4.13	3.68	3.24	2.73	2.14	1.48	0.89	0.46	0.21	0.09	0.04	0.03	0.01	0.01	0	1.83
0.96	0.5	0.23	0.09	0.05	0.03	0.02	0.01	5.15	4.12	3.67	3.23	2.74	2.14	1.49	0.9	0.47	0.21	0.09	0.04	0.03	0.01	0.01	0	2.19
0.97	0.51	0.23	0.09	0.05	0.03	0.02	0.01	5.15	4.11	3.66	3.23	2.73	2.15	1.5	0.91	0.47	0.21	0.08	0.04	0.02	0.01	0.01	0	2.23
0.99	0.52	0.23	0.09	0.04	0.03	0.02	0.01	5.15	4.11	3.65	3.22	2.73	2.16	1.52	0.92	0.48	0.21	0.08	0.04	0.02	0.01	0.009	0	1.85
1	0.53	0.23	0.09	0.04	0.02	0.01	0.008	5.15	4.1	3.64	3.21	2.73	2.17	1.53	0.94	0.49	0.21	0.08	0.03	0.02	0.01	0.008	0	2
1.02	0.53	0.23	0.08	0.03	0.02	0.01	0.005	5.16	4.09	3.63	3.21	2.73	2.17	1.54	0.95	0.49	0.21	0.07	0.03	0.01	0.01	0.005	0	1.86
1.03	0.54	0.23	0.07	0.03	0.01	0.01	0.002	5.16	4.08	3.62	3.2	2.73	2.18	1.55	0.96	0.5	0.21	0.07	0.02	0.01	0.01	0.002	0	1.87
1.04	0.54	0.22	0.07	0.02	0.01		0	5.16	4.07	3.61	3.19	2.73	2.19	1.56	0.97	0.5	0.21	0.06	0.02	0.01		0	0	1.75
1.05	0.55	0.22	0.07	0.02	0.01		0.001	5.15	4.06	3.6	3.18	2.73	2.19	1.57	0.97	0.51	0.2	0.06	0.02	0.01		0.001	0	1.42
1.06	0.55	0.22	0.07	0.02	0.009		0.002	5.14	4.04	3.59	3.17	2.72	2.19	1.58	0.98	0.51	0.2	0.06	0.01	0.009		0.002	0	1.82
1.07	0.56	0.23	0.06	0.02	0.009		0.002	5.13	4.03	3.58	3.17	2.72	2.19	1.58	0.99	0.51	0.21	0.06	0.01	0.009		0.002	0	1.49
1.07	0.56	0.23	0.06	0.02	0.009		0.001	5.11	4.02	3.57	3.16	2.72	2.19	1.58	0.99	0.52	0.21	0.06	0.01	0.009		0.001	0	1.29
1.07	0.56	0.23	0.07	0.02	0.009		0.001	5.09	4.01	3.56	3.15	2.71	2.19	1.59	0.99	0.52	0.21	0.06	0.02	0.009		0.001	0	1.92
1.08	0.57	0.23	0.07	0.02	0.01		0	5.07	4.01	3.55	3.15	2.71	2.19	1.59	0.99	0.52	0.21	0.06	0.02	0.01		0	0	1.25
1.07	0.57	0.23	0.07	0.02	0.01	0.005	0	5.05	4	3.54	3.14	2.71	2.19	1.58	0.99	0.52	0.21	0.06	0.02	0.009	0.005	0	0	1.25
1.07	0.56	0.23	0.07	0.02	0.01	0.006	0.001	5.03	3.99	3.54	3.14	2.71	2.18	1.58	0.99	0.52	0.21	0.06	0.02	0.01	0.006	0.001	0	1.29
1.07	0.56	0.24	0.07	0.02	0.01	0.007	0.001	5.01	3.99	3.53	3.14	2.7	2.18	1.58	0.99	0.52	0.22	0.07	0.02	0.01	0.007	0.001	0	1.6
1.06	0.56	0.24	0.08	0.03	0.01	0.008	0.002	5	3.98	3.53	3.14	2.7	2.18	1.57	0.98	0.52	0.22	0.07	0.02	0.01	0.008	0.002	0	1.36
1.05	0.56	0.24	0.08	0.03	0.01	0.009	0.002	4.98	3.98	3.52	3.13	2.7	2.17	1.56	0.98	0.51	0.22	0.07	0.02	0.01	0.009	0.002	0	2.05
1.04	0.55	0.24	0.08	0.03	0.01	0.009	0.002	4.97	3.97	3.52	3.13	2.69	2.16	1.56	0.97	0.51	0.22	0.07	0.02	0.01	0.009	0.002	0	2.02
1.03	0.55	0.24	0.08	0.03	0.01	0.009	0.002	4.96	3.97	3.51	3.12	2.68	2.15	1.54	0.96	0.51	0.22	0.07	0.02	0.01	0.009	0.002	0	1.5
1.02	0.54	0.23	0.08	0.03	0.01	0.008	0.001	4.96	3.96	3.51	3.12	2.67	2.14	1.53	0.95	0.5	0.21	0.07	0.02	0.01	0.008	0.001	0	1.82
1.01	0.53	0.23	0.08	0.03	0.01	0.007	0.001	4.95	3.96	3.51	3.11	2.66	2.13	1.52	0.94	0.49	0.21	0.07	0.02	0.01	0.007	0.001	0	1.52
0.99	0.52	0.22	0.07	0.02	0.01	0.005	0.001	4.95	3.95	3.51	3.11	2.66	2.12	1.51	0.93	0.48	0.2	0.07	0.02	0.01	0.005	0.001	95.9	1.52
0.97	0.51	0.21	0.07	0.02	0.01	0.003	0	4.95	3.96	3.52	3.12	2.66	2.11	1.5	0.92	0.47	0.2	0.06	0.02	0.01	0.003	0	0	1.54
0.96	0.49	0.2	0.06	0.02	0.01		0	4.96	3.96	3.53	3.12	2.66	2.1	1.48	0.9	0.46	0.19	0.06	0.01	0.01		0	0	1.79
0.94	0.48	0.2	0.06	0.01			0.001	4.96	3.98	3.54	3.13	2.66	2.1	1.47	0.89	0.45	0.18	0.05	0.01			0.001	0	1.51
0.92	0.47	0.19	0.06	0.01			0.001	4.97	3.99	3.56	3.15	2.66	2.09	1.46	0.88	0.44	0.17	0.05	0.01			0.001	0	1.58
0.9	0.45	0.18	0.05	0.01			0.001	4.99	4.02	3.58	3.17	2.67	2.09	1.45	0.86	0.43	0.17	0.05	0.01			0.001	0	1.79
0.88	0.44	0.17	0.05	0.01			0	5.01	4.05	3.61	3.19	2.68	2.08	1.43	0.84	0.42	0.16	0.05	0.01			0	0	1.74
0.85	0.42	0.17	0.05	0.01	0.005		0	5.05	4.09	3.64	3.21	2.68	2.07	1.41	0.82	0.4	0.16	0.05	0.01	0.005		0	0	1.43
0.83	0.41	0.16	0.05	0.01	0.005	0.001	0	5.09	4.13	3.67	3.24	2.69	2.06	1.39	0.8	0.39	0.15	0.05	0.01	0.005	0.001	0	0	1.5
0.8	0.39	0.15	0.05	0.01	0.004	0.002	0	5.13	4.17	3.7	3.26	2.69	2.05	1.36	0.78	0.37	0.14	0.05	0.01	0.004	0.002	0	0	1.77
0.77	0.37	0.14	0.05	0.01	0.004	0.002	0.001	5.18	4.22	3.73	3.28	2.7	2.03	1.33	0.75	0.35	0.14	0.04	0.01	0.004	0.002	0.001	282.8	1.89
0.73	0.34	0.14	0.05	0.01	0.004	0.003	0.001	5.23	4.25	3.76	3.29	2.69	2	1.29	0.71	0.33	0.13	0.04	0.01	0.004	0.003	0.001	0	1.57
0.69	0.32	0.13	0.04	0.01	0.004	0.002	0.001	5.27	4.28	3.78	3.3	2.68	1.97	1.25	0.68	0.31	0.12	0.04	0.01	0.004	0.002	0.001	0	1.9
0.65	0.3	0.12	0.04	0.01	0.003	0.002	0.001	5.29	4.31	3.8	3.3	2.67	1.94	1.21	0.64	0.29	0.11	0.04	0.01	0.003	0.002	0.001	0	1.98
0.62	0.28	0.11	0.04	0.01	0.003	0.002	0.002	5.31	4.32	3.81	3.3	2.65	1.9	1.17	0.61	0.27	0.1	0.04	0.01	0.003	0.002	0.002	0	1.98
0.58	0.26	0.1	0.04	0.01	0.003	0.001	0.002	5.31	4.33	3.82	3.29	2.63	1.87	1.13	0.58	0.25	0.1	0.03	0.01	0.003	0.001	0.002	181.8	2.01
0.55	0.24	0.09	0.03	0.01	0.003		0	5.3	4.34	3.82	3.28	2.6	1.83	1.09	0.55	0.24	0.09	0.03	0.01	0.003	0	0.002	0	1.68
0.52	0.23	0.09	0.03	0.01		0	0.002	5.29	4.34	3.82	3.27	2.58	1.8	1.06	0.52	0.22	0.08	0.03	0.01		0	0.002	0	2.1
0.5	0.22	0.09	0.03	0.01		0	0.003	5.28	4.34	3.82	3.26	2.56	1.77	1.03	0.5	0.21	0.08	0.03	0.01		0	0.003	0	2.15
0.49	0.21	0.08	0.03	0.01	0.001	0	0.003	5.26	4.35	3.83	3.25	2.55	1.75	1.01	0.49	0.21	0.08	0.03	0.01	0.001	0	0.003	0	1.6
0.48	0.21	0.08	0.03	0.01	0	0	0.003	5.25	4.36	3.83	3.25	2.53	1.73	0.99	0.48	0.21	0.08	0.02	0.01	0	0	0.003	100.7	1.56
0.47	0.21	0.08	0.03	0	0.001	0.003	0.003	5.25	4.36	3.83	3.25	2.52	1.71	0.98	0.47	0.21	0.08	0.02		0	0.001	0.003	0	2.03
0.46	0.21	0.08	0.03	0	0.001	0.002	0.002	5.25	4.37	3.84	3.24	2.5	1.7	0.97	0.47	0.21	0.08	0.02	0	0.001	0.002	0	2.11	
0.46	0.21	0.08	0.03	0	0.002	0.002	0.002	5.25	4.37	3.83	3.23	2.48	1.68	0.96	0.47	0.21	0.08	0.02	0	0.002	0.002	0	1.96	
0.46	0.21	0.09	0.03	0	0.002	0.002	0.002	5.25	4.38	3.83	3.21	2.46	1.66	0.94	0.46	0.21	0.08	0.03	0	0.002	0.002	0	1.65	
0.45	0.21	0.09	0.03	0	0.003	0.001	0.001	5.26	4.38	3.82	3.19	2.43	1.63	0.93	0.46	0.21	0.08	0.03	0	0.003	0.001	0	1.98	
0.45	0.21	0.09	0.03	0	0.003	0.001	0.001	5.28	4.38	3.81	3.17	2.39	1.6	0.91	0.46	0.21	0.08	0.03	0	0.003	0.001	0	1.8	
0.44	0.21	0.09	0.03	0.009	0	0.003	0	5.3	4.38	3.8	3.14	2.35	1.56	0.89	0.45	0.21	0.08	0.03	0.009	0	0.003	0	1.57	
0.44	0.21	0.08	0.03	0.008	0		0	5.32	4.38	3.78	3.1	2.31	1.53	0.87	0.45	0.21	0.08	0.03	0.008	0	0	0	1.74	
0.43	0.2	0.08	0.03	0.007	0		0.001	5.34	4.38	3.76	3.06	2.26	1.49	0.85	0.44	0.2	0.08	0.03	0.007	0	0.001	0	1.38	
0.42	0.2	0.08	0.02	0.006	0		0.001	5.35	4.38	3.73	3.02	2.21	1.44	0.83	0.43	0.2	0.08	0.02	0.006	0	0.001	0	1.81	
0.41	0.19	0.08	0.02	0.005	0		0.002	5.37	4.38	3.71	2.98	2.16	1.4	0.8	0.41	0.19	0.08	0.02	0.005	0	0.002	0	1.8	
0.4	0.19	0.07	0.02	0.004																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.86	0.35	0.1		0.001	0.004	0.001	0.002	6.09	5.33	4.77	4.13	3.32	2.39	1.49	0.77	0.32	0.09		0.001	0.004	0.001	0.002	0	1.63
0.88	0.37	0.1		0.001	0.004	0.002	0.002	6.11	5.35	4.8	4.17	3.36	2.43	1.52	0.8	0.33	0.09		0.001	0.004	0.002	0.002	0	1.9
0.9	0.38	0.11		0.002	0.003	0.002	0.003	6.11	5.35	4.81	4.19	3.38	2.46	1.54	0.81	0.34	0.1		0.002	0.003	0.002	0.003	0	1.89
0.91	0.39	0.11		0.001	0.002	0.003	0.004	6.09	5.35	4.81	4.19	3.39	2.47	1.55	0.82	0.35	0.1		0.001	0.002	0.003	0.004	0	1.91
0.91	0.39	0.12		0.001	0.002	0.003	0.003	6.07	5.32	4.8	4.18	3.38	2.46	1.55	0.83	0.35	0.11		0.001	0.002	0.003	0.003	0	1.92
0.91	0.4	0.12	0.02	0	0.002	0.003	0.002	6.04	5.3	4.78	4.16	3.37	2.46	1.55	0.83	0.36	0.11	0.01	0	0.002	0.003	0.002	0	1.47
0.91	0.4	0.13	0.02	0.001	0.001	0.004	0.001	6.01	5.27	4.76	4.15	3.36	2.45	1.55	0.83	0.36	0.11	0.02	0.001	0.001	0.004	0.001	0	1.77
0.91	0.4	0.13	0.02	0.002	0.001	0.004	0.001	5.98	5.25	4.75	4.13	3.35	2.45	1.55	0.83	0.37	0.12	0.02	0.002	0.001	0.004	0.001	0	1.99
0.91	0.4	0.13	0.02	0.002	0	0.004	0	5.96	5.23	4.74	4.13	3.35	2.45	1.55	0.83	0.37	0.12	0.02	0.002	0	0.004	0	0	2.05
0.92	0.41	0.13	0.02		0	0.004	0	5.94	5.22	4.74	4.13	3.36	2.46	1.55	0.83	0.37	0.12	0.02		0	0.004	0	0	1.97
0.92	0.41	0.13	0.02		0.001	0.004	0.001	5.94	5.22	4.74	4.14	3.37	2.47	1.56	0.84	0.37	0.12	0.02		0.001	0.004	0.001	0	1.85
0.92	0.41	0.13	0.02		0.001	0.004	0.001	5.94	5.22	4.75	4.15	3.38	2.48	1.57	0.84	0.37	0.12	0.02		0.001	0.004	0.001	0	1.9
0.92	0.4	0.13	0.02		0.001	0.004	0.001	5.93	5.22	4.75	4.16	3.39	2.49	1.58	0.84	0.37	0.12	0.02		0.001	0.004	0.001	0	2.22
0.92	0.4	0.13			0.001	0.004	0.001	5.93	5.22	4.75	4.16	3.39	2.49	1.58	0.84	0.37	0.12			0.001	0.004	0.001	65.9	2.01
0.91	0.4	0.13			0.001	0.004	0	5.91	5.21	4.75	4.15	3.39	2.49	1.57	0.83	0.36	0.12			0.001	0.004	0	0	1.6
0.89	0.39	0.12	0.02	0.001	0		0.001	5.9	5.2	4.73	4.14	3.37	2.47	1.55	0.82	0.35	0.11	0.02	0.001		0	0.001	0	1.38
0.87	0.38	0.12	0.02	0.002	0.001		0.002	5.89	5.19	4.72	4.12	3.35	2.44	1.53	0.8	0.34	0.11	0.02	0.002		0.001	0.002	0	2.03
0.85	0.36	0.12	0.02	0.003	0.001		0.002	5.88	5.18	4.7	4.09	3.31	2.41	1.5	0.78	0.33	0.11	0.02	0.003	0.001		0.002	0	2.01
0.82	0.35	0.11	0.02	0.004	0		0.002	5.88	5.18	4.69	4.07	3.28	2.37	1.46	0.75	0.32	0.1	0.02	0.004	0		0.002	0	2.03
0.79	0.33	0.11	0.02	0.005	0		0.002	5.88	5.19	4.69	4.05	3.25	2.33	1.42	0.72	0.3	0.1	0.02	0.005	0		0.002	0	1.45
0.76	0.32	0.11	0.03	0.006	0		0.001	5.9	5.2	4.68	4.04	3.22	2.29	1.38	0.69	0.29	0.1	0.02	0.006	0		0.001	0	1.85
0.73	0.3	0.1	0.03	0.006	0.001		0.001	5.92	5.21	4.68	4.02	3.19	2.25	1.34	0.66	0.28	0.09	0.02	0.006	0.001		0.001	0	1.83
0.7	0.29	0.1	0.03	0.006	0.001		0.001	5.94	5.23	4.69	4.02	3.17	2.21	1.3	0.64	0.26	0.09	0.02	0.006	0.001		0.001	0	1.83
0.67	0.27	0.09	0.02	0.006	0.001		0.001	5.97	5.25	4.69	4.01	3.15	2.18	1.27	0.61	0.25	0.08	0.02	0.006	0.001		0.001	0	1.11
0.65	0.26	0.09	0.02	0.006	0.002		0.001	5.99	5.27	4.71	4.02	3.14	2.16	1.24	0.59	0.23	0.08	0.02	0.006	0.002		0.001	0	1.47
0.63	0.25	0.08	0.02	0.006	0.003		0.001	6.02	5.29	4.72	4.02	3.13	2.14	1.22	0.57	0.22	0.08	0.02	0.006	0.003		0.001	0	1.73
0.61	0.24	0.08	0.02	0.005	0.003		0.001	6.06	5.31	4.74	4.03	3.13	2.13	1.2	0.55	0.21	0.07	0.02	0.005	0.003		0.001	0	1.54
0.6	0.23	0.08	0.02	0.004	0.003		0	6.09	5.34	4.76	4.05	3.13	2.12	1.19	0.54	0.21	0.07	0.02	0.004	0.003		0	0	1.4
0.59	0.22	0.07	0.02	0.003	0.003		0	6.13	5.37	4.77	4.06	3.14	2.12	1.18	0.53	0.2	0.06	0.01	0.003	0.003		0	0	1.86
0.58	0.22	0.07	0.01	0.003	0.002		0	6.16	5.4	4.79	4.07	3.14	2.11	1.17	0.52	0.19	0.06	0.01	0.003	0.002		0	0	1.57
0.58	0.21	0.06	0.01	0.002	0.002		0	6.21	5.43	4.81	4.09	3.14	2.1	1.16	0.52	0.19	0.06	0.01	0.002	0.002		0	0	1.62
0.57	0.21	0.06	0.01	0.001	0.001	0	0	6.24	5.46	4.83	4.09	3.14	2.09	1.15	0.51	0.19	0.05	0.01	0.001	0.001	0	0	0	1.71
0.57	0.21	0.06	0.01	0.001	0.001	0	0	6.27	5.48	4.84	4.09	3.12	2.07	1.14	0.5	0.18	0.05	0.01	0.001	0.001	0	0	0	1.67
0.56	0.2	0.06	0.01		0	0	0	6.3	5.49	4.84	4.08	3.11	2.05	1.12	0.5	0.18	0.05	0.01		0	0	0	0	1.61
0.55	0.2	0.06	0.01		0	0.001	0	6.32	5.5	4.84	4.07	3.08	2.03	1.1	0.49	0.18	0.05	0.01		0	0.001	0	0	2.05
0.54	0.2	0.06	0.01		0.001	0.001	0.001	6.33	5.51	4.84	4.05	3.05	2	1.08	0.48	0.18	0.05	0.01		0.001	0.001	0.001	0	1.94
0.53	0.2	0.06	0.01		0.001	0.001	0.001	6.35	5.51	4.83	4.03	3.02	1.97	1.06	0.47	0.17	0.05	0.01		0.001	0.001	0.001	0	1.61
0.52	0.19	0.06	0.01		0	0	0.001	6.37	5.51	4.82	4.01	2.99	1.94	1.04	0.46	0.17	0.05	0.01		0	0	0.001	0	1.85
0.51	0.19	0.06	0.01	0.002	0.001	0	0.001	6.39	5.51	4.81	3.98	2.96	1.91	1.02	0.45	0.17	0.05	0.01	0.002	0.001	0	0.001	0	2.07
0.5	0.19	0.06	0.01	0.002	0.001	0	0.001	6.41	5.51	4.8	3.95	2.92	1.87	0.99	0.44	0.16	0.05	0.01	0.002	0.001	0	0.001	0	2.08
0.49	0.18	0.06	0.01	0.002	0.002	0	0.001	6.45	5.51	4.79	3.93	2.88	1.84	0.97	0.43	0.16	0.05	0.01	0.002	0.002	0	0.001	0	1.97
0.48	0.18	0.05	0.01	0.002	0.003	0	0	6.49	5.52	4.78	3.9	2.84	1.8	0.95	0.42	0.16	0.05	0.01	0.002	0.003	0	0	0	1.56
0.47	0.17	0.05	0.01	0.002	0.004		0	6.52	5.52	4.77	3.87	2.8	1.77	0.92	0.4	0.15	0.05	0.01	0.002	0.004		0	0	2.14
0.45	0.17	0.05	0.01	0.003	0.004		0	6.56	5.53	4.76	3.84	2.76	1.73	0.9	0.39	0.15	0.04	0.01	0.003	0.004		0	0	2.18
0.44	0.16	0.05	0.01	0.004	0.005		0.001	6.59	5.53	4.74	3.8	2.72	1.69	0.87	0.38	0.14	0.04	0.01	0.004	0.005		0.001	0	1.95
0.43	0.16	0.05	0.01	0.006	0.006		0	6.62	5.53	4.73	3.78	2.69	1.66	0.85	0.37	0.14	0.04	0.01	0.006	0.006		0	0	1.58
0.42	0.15	0.05	0.01	0.008	0.007		0	6.64	5.54	4.72	3.75	2.66	1.63	0.83	0.36	0.13	0.04	0.01	0.008	0.007		0	0	1.97
0.41	0.15	0.04	0.01	0.009	0.007		0	6.66	5.54	4.71	3.74	2.63	1.6	0.81	0.35	0.13	0.04	0.01	0.009	0.007		0	0	2.09
0.4	0.14	0.04	0.01	0.01	0.009	0.003	0	6.68	5.55	4.71	3.73	2.62	1.59	0.8	0.34	0.12	0.04	0.01	0.009	0.009	0.003	0	0	1.84
0.4	0.14	0.04	0.01	0.01	0.009	0.003	0	6.7	5.56	4.71	3.73	2.61	1.58	0.79	0.34	0.12	0.03	0.01	0.009	0.009	0.003	0	0	1.48
0.39	0.13	0.03	0.01	0.01	0.009	0.002	0.001	6.72	5.58	4.73	3.74	2.62	1.59	0.79	0.33	0.11	0.03	0.009	0.01	0.009	0.002	0.001	0	1.69
0.39	0.13	0.03	0.008	0.008	0.009		0	6.74	5.6	4.75	3.77	2.65	1.6	0.8	0.33	0.11	0.02	0.008	0.008	0.009	0	0	0	1.91
0.4	0.13	0.02	0.006	0.007			0	6.77	5.63	4.79	3.81	2.68	1.63	0.82	0.34	0.11	0.02	0.006	0.007		0	0	0	1.6
0.41	0.12	0.02	0.006	0.006			0	6.79	5.67	4.83	3.85	2.73	1.67	0.84	0.34	0.11	0.02	0.006	0.006		0	0	0	1.85
0.42	0.13	0.02	0.005	0.005			0.001	6.81	5.71	4.88	3.91	2.79	1.72	0.87	0.35	0.11	0.02	0.005	0.005		0.001	0	0	1.54
0.44	0.13	0.02	0.005	0.004			0.001	6.84	5.75	4.93	3.97	2.85	1.77	0.9	0.37	0.11	0.01	0.005	0.004					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.29	0.1	0.05	0.02	0.008	0.003	0.002	0.001	6.21	5.1	4.33	3.47	2.44	1.43	0.65	0.23	0.08	0.04	0.02	0.008	0.003	0.002	0.001	0	1.4	
0.26	0.1	0.05	0.02	0.009	0.004	0.003	0	6.11	4.95	4.16	3.29	2.27	1.31	0.58	0.21	0.08	0.04	0.02	0.009	0.004	0.003	0	0	1.78	
0.24	0.1	0.05	0.02	0.01	0.005		0	6	4.78	3.97	3.09	2.1	1.19	0.52	0.19	0.08	0.04	0.02	0.008	0.005		0	0	1.95	
0.22	0.1	0.05	0.03	0.01	0.006		0.001	5.87	4.58	3.77	2.89	1.93	1.07	0.47	0.18	0.08	0.04	0.02	0.009	0.006		0.001	0	1.7	
0.21	0.1	0.05	0.03	0.01	0.007		0.002	5.74	4.38	3.55	2.68	1.76	0.96	0.42	0.16	0.08	0.04	0.02	0.01	0.007		0.002	0	1.38	
0.2	0.1	0.06	0.03	0.01	0.007		0.003	5.59	4.17	3.33	2.48	1.6	0.87	0.38	0.16	0.08	0.04	0.02	0.01	0.007		0.003	0	1.56	
0.19	0.1	0.06	0.03	0.01	0.007		0.004	5.43	3.95	3.11	2.28	1.45	0.78	0.35	0.15	0.08	0.04	0.02	0.01	0.007		0.004	0	1.96	
0.18	0.1	0.06	0.03	0.01	0.007		0.005	5.28	3.74	2.9	2.1	1.32	0.71	0.32	0.14	0.08	0.04	0.02	0.01	0.007		0.005	0	1.82	
0.18	0.1	0.06	0.03	0.01	0.007		0.006	5.12	3.54	2.7	1.93	1.2	0.64	0.3	0.14	0.08	0.04	0.02	0.01	0.007		0.006	0	1.45	
0.17	0.1	0.06	0.02	0.01	0.006		0.006	4.97	3.35	2.52	1.78	1.1	0.59	0.28	0.14	0.08	0.04	0.02	0.01	0.006		0.006	0	1.55	
0.17	0.09	0.05	0.02	0.01	0.006		0.005	4.83	3.17	2.34	1.64	1	0.54	0.27	0.13	0.07	0.04	0.02	0.01	0.006		0.005	0	1.95	
0.16	0.09	0.05	0.02	0.01	0.006		0.003	4.68	2.99	2.18	1.51	0.92	0.5	0.25	0.13	0.07	0.04	0.02	0.009	0.006		0.003	0	2.18	
0.15	0.08	0.05	0.02	0.01	0.005		0.002	4.53	2.82	2.02	1.39	0.84	0.46	0.23	0.12	0.07	0.04	0.01	0.008	0.005		0.002	0	1.72	
0.14	0.08	0.04	0.02	0.009	0.005		0.002	4.37	2.65	1.87	1.27	0.76	0.42	0.21	0.11	0.06	0.03	0.01	0.009	0.005		0.002	0	1.32	
0.12	0.07	0.04	0.01	0.008	0.004		0.001	4.2	2.46	1.71	1.14	0.68	0.37	0.19	0.1	0.05	0.03	0.01	0.008	0.004		0.001	0	1.94	
0.11	0.06	0.03	0.01	0.007	0.003		0.001	4.01	2.27	1.55	1.02	0.6	0.33	0.17	0.09	0.05	0.03	0.01	0.007	0.003		0.001	0	1.97	
0.1	0.05	0.03	0.01	0.007			0	3.81	2.07	1.38	0.9	0.52	0.29	0.15	0.08	0.04	0.02	0.01	0.007			0	0	1.93	
0.09	0.05	0.03	0.01	0.007		0	0	3.59	1.87	1.21	0.77	0.44	0.24	0.13	0.07	0.04	0.02	0.01	0.007		0	0	0	1.28	
0.07	0.04	0.02	0.01	0.007		0.001	0	3.38	1.67	1.05	0.65	0.37	0.2	0.11	0.06	0.03	0.02	0.01	0.007		0.001	0	0	2.04	
0.06	0.04	0.02	0.01	0.008		0.001	0	3.16	1.47	0.89	0.54	0.3	0.16	0.09	0.05	0.03	0.02	0.01	0.008		0.001	0	0	2.24	
0.05	0.03	0.02	0.01	0.008		0.002	0	2.97	1.29	0.74	0.43	0.23	0.13	0.07	0.04	0.03	0.02	0.01	0.008		0.002	0	0	2.19	
0.04	0.03	0.02	0.01	0.008		0.002	0	2.79	1.13	0.61	0.34	0.18	0.1	0.05	0.04	0.02	0.01	0.01	0.008		0.002	0	0	1.82	
0.04	0.03	0.02	0.01	0.007		0.003	0.001	2.63	1	0.5	0.27	0.13	0.07	0.04	0.03	0.02	0.02	0.01	0.01	0.007		0.003	0.001	0	1.87
0.03	0.02	0.02	0.01	0.006		0.003	0.002	2.49	0.88	0.41	0.2	0.09	0.05	0.03	0.02	0.02	0.01	0.01	0.01	0.006		0.003	0.002	0	2.2
0.03	0.02	0.02	0.01	0.006		0.003	0.003	2.38	0.79	0.34	0.15	0.06	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.006		0.003	0.003	0	2.16
0.02	0.02	0.02	0.01	0.007		0.002	0.005	2.29	0.72	0.29	0.12	0.04	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.007		0.002	0.005	0	1.87
0.02	0.02	0.02	0.01	0.008		0.002	0.004	2.22	0.67	0.25	0.09	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.008		0.002	0.004	0	1.34
0.02	0.02	0.02	0.01	0.008		0.002	0.005	2.19	0.64	0.23	0.07	0.01	0.004	0.01	0.02	0.02	0.01	0.01	0.01	0.008		0.002	0.005	0	2.17
0.02	0.02	0.02	0.02	0.008		0.002	0.005	2.19	0.64	0.23	0.06		0.003	0.01	0.02	0.02	0.01	0.01	0.01	0.008		0.002	0.005	0	2.23
0.02	0.02	0.02	0.02	0.009		0.002	0.005	2.24	0.66	0.24	0.06		0.007	0.01	0.01	0.02	0.01	0.01	0.009		0.002	0.005	0	1.98	
0.02	0.02	0.02	0.02	0.009		0.002	0.005	2.32	0.7	0.27	0.07		0.009	0.009	0.01	0.01	0.01	0.01	0.009		0.002	0.005	0	1.39	
0.01	0.02	0.01	0.01	0.009		0.002	0.006	2.44	0.76	0.31	0.09		0.01	0.007	0.01	0.01	0.01	0.01	0.009		0.002	0.006	0	1.67	
0.01	0.01	0.01	0.01	0.01		0.002	0.005	2.58	0.84	0.36	0.11		0.01	0.004	0.01	0.01	0.01	0.01	0.01		0.002	0.005	0	1.78	
0.01	0.01	0.01	0.01	0.01		0.002	0.005	2.72	0.93	0.41	0.14		0.01	0.001	0.01	0.01	0.01	0.01	0.009		0.002	0.005	0	1.94	
0.01	0.01	0.01	0.01	0.01		0.002	0.005	2.87	1.02	0.47	0.16			0	0.01	0.01	0.01	0.01	0.01		0.002	0.005	0	2.17	
0.01	0.01	0.01	0.01	0.01		0.002	0.005	3.01	1.11	0.53	0.19				0.002	0.009	0.01	0.01	0.01		0.002	0.005	0	2.12	
0.008	0.01	0.01	0.01	0.01		0.001	0.005	3.14	1.2	0.58	0.23				0.003	0.008	0.01	0.01	0.01		0.001	0.005	0	1.29	
0.005	0.01	0.01	0.01	0.01		0.002	0.005	3.24	1.29	0.64	0.26	0.06			0.005	0.005	0.008	0.01	0.009	0.009		0.002	0.005	0	2.17
0.002	0.007	0.009	0.008	0.009		0.002	0.004	3.34	1.38	0.7	0.29	0.08			0.006	0.002	0.007	0.009	0.008	0.009		0.002	0.004	0	2.17
0.001	0.004	0.007	0.006	0.007		0.002	0.003	3.42	1.46	0.75	0.33	0.09			0.001	0.004	0.007	0.006	0.007	0.007		0.002	0.003	0	2.07
0.003	0.001	0.006	0.005	0.006		0.003	0.002	3.5	1.54	0.81	0.37	0.11			0.003	0.001	0.006	0.005	0.006	0.006		0.003	0.002	0	1.42
	0.001	0.005	0.003	0.004		0.002	0.001	3.58	1.62	0.87	0.41	0.14				0.001	0.005	0.003	0.004	0.004		0.002	0.001	0	1.25
	0.002	0.004	0.003	0.003		0.002	0.001	3.65	1.7	0.93	0.45	0.16	0.03			0.002	0.004	0.003	0.003	0.003		0.002	0.001	0	2.14
	0.001	0.004	0.003	0.003		0.001	0.001	3.74	1.78	1	0.5	0.19	0.05			0.001	0.004	0.003	0.003	0.003		0.001	0.001	0	2.1
	0.001	0.004	0.003	0.003		0	0.001	3.82	1.86	1.07	0.55	0.22	0.06			0.001	0.004	0.003	0.003	0.003		0	0.001	0	1.86
	0	0.004	0.004	0.003	0		0.001	3.91	1.95	1.14	0.6	0.25	0.08			0	0.004	0.004	0.003	0.003	0	0	0.001	0	1.21
	0	0.003	0.004		0	0.001	0.001	4	2.04	1.21	0.65	0.29	0.1			0	0.003	0.004		0	0.001	0.001	0	0	1.53
	0	0.003	0.004		0	0.001	0	4.1	2.14	1.29	0.71	0.32	0.11	0.02		0	0.003	0.004		0	0.001	0	0	0	1.48
	0.001	0.002	0.004	0.001		0.001	0	4.21	2.25	1.38	0.77	0.36	0.13	0.03		0.001	0.002	0.004	0.001		0	0.001	0	0	1.98
	0.002	0.001	0.004		0		0	4.33	2.37	1.47	0.84	0.4	0.15	0.04		0.002	0.001	0.004		0		0	0	0	2.02
	0.002	0.001		0			0	4.45	2.49	1.57	0.91	0.45	0.18	0.05		0.002	0.001		0		0	0	0	0	1.55
	0.001	0.001		0		0	0	4.57	2.61	1.67	0.98	0.49	0.2	0.06		0.001	0.001		0		0	0	0	0	1.65
	0			0.001		0	0.001	4.69	2.74	1.77	1.05	0.53	0.22	0.07		0	0		0.001		0	0.001	0	0	1.86
0.01		0		0.001		0	0.001	4.8	2.86	1.87	1.12	0.57	0.24	0.07	0.01		0		0.001		0	0.001	0	0	1.88
0.02				0		0	0.001	4.9	2.97	1.96	1.19	0.61	0.26	0.08	0.02				0		0	0.001	0	0	1.69
0.02			0.002	0		0	0.002	4.98	3.06	2.04	1.24	0.65	0.28	0.09	0.02			0.002		0	0	0	0.002	0	1.35
0.03			0.003	0.001	0	0	0.002	5.04	3.14	2.1	1.29	0.67													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.16	0.06	0.02		0	0.001		0.001	5.58	4.15	3.16	2.24	1.4	0.77	0.37	0.16	0.06	0.02		0	0.001		0.001	82	1.76
0.16	0.06	0.02		0.001	0.001		0	5.61	4.22	3.24	2.31	1.45	0.8	0.38	0.16	0.06	0.02		0.001	0.001		0	0	1.73
0.17	0.06	0.03			0	0.001	0	5.64	4.27	3.3	2.37	1.49	0.82	0.39	0.16	0.06	0.02			0	0.001	0	0	1.55
0.17	0.06	0.03			0	0.001	0	5.65	4.31	3.35	2.42	1.53	0.84	0.39	0.16	0.06	0.02			0	0.001	0	0	1.85
0.17	0.07	0.03	0.01	0	0		0	5.66	4.33	3.38	2.45	1.55	0.84	0.39	0.16	0.06	0.02	0.01	0	0	0	0	0	1.8
0.16	0.07	0.03	0.01	0.001	0.001		0	5.66	4.34	3.39	2.46	1.55	0.84	0.39	0.16	0.06	0.02	0.01	0.001	0.001		0	259.8	1.56
0.16	0.07	0.03	0.01	0.003	0.002		0.001	5.66	4.33	3.39	2.46	1.55	0.83	0.38	0.16	0.06	0.03	0.01	0.003	0.002		0.001	136.2	1.28
0.16	0.07	0.03	0.01	0.006	0.003		0.001	5.65	4.32	3.38	2.45	1.53	0.82	0.37	0.16	0.07	0.03	0.01	0.006	0.003		0.001	0	1.71
0.16	0.07	0.03	0.02	0.008	0.004		0.002	5.65	4.31	3.36	2.43	1.51	0.8	0.37	0.16	0.07	0.03	0.02	0.008	0.004		0.002	0	2.13
0.16	0.08	0.04	0.02	0.01	0.006		0.002	5.64	4.3	3.34	2.41	1.49	0.79	0.36	0.16	0.08	0.04	0.02	0.01	0.006		0.002	0	2.11
0.17	0.08	0.04	0.03	0.01	0.007		0.002	5.64	4.29	3.32	2.39	1.47	0.77	0.36	0.16	0.08	0.04	0.03	0.01	0.007		0.002	0	1.66
0.17	0.09	0.05	0.03	0.01	0.009		0.002	5.64	4.28	3.31	2.37	1.45	0.76	0.35	0.17	0.09	0.05	0.03	0.01	0.009		0.002	0	1.91
0.18	0.1	0.06	0.04	0.01	0.01		0.002	5.64	4.28	3.3	2.36	1.44	0.75	0.36	0.18	0.1	0.06	0.03	0.01	0.01		0.002	0	2.04
0.19	0.11	0.07	0.04	0.02	0.01		0.002	5.64	4.28	3.3	2.36	1.44	0.76	0.36	0.19	0.11	0.06	0.04	0.02	0.01		0.002	0	1.99
0.2	0.12	0.07	0.04	0.02	0.01		0.001	5.64	4.29	3.31	2.37	1.45	0.77	0.38	0.2	0.12	0.07	0.04	0.02	0.01		0.001	0	1.76
0.21	0.13	0.08	0.05	0.02	0.01		0	5.64	4.3	3.33	2.4	1.48	0.79	0.39	0.21	0.13	0.08	0.04	0.02	0.01		0	0	1.48
0.23	0.14	0.09	0.05	0.02	0.01	0.009	0.001	5.63	4.32	3.36	2.43	1.51	0.82	0.42	0.23	0.14	0.09	0.05	0.02	0.01	0.009	0.001	0	1.89
0.25	0.15	0.09	0.05	0.02	0.01	0.008	0.001	5.63	4.34	3.39	2.47	1.55	0.86	0.45	0.25	0.15	0.09	0.05	0.02	0.01	0.008	0.001	0	2.09
0.26	0.16	0.09	0.05	0.02	0.01	0.007	0.001	5.62	4.36	3.42	2.51	1.6	0.9	0.48	0.27	0.16	0.09	0.05	0.02	0.01	0.007	0.001	85.6	1.89
0.28	0.17	0.1	0.05	0.02	0.01	0.005	0.001	5.61	4.37	3.44	2.54	1.64	0.94	0.51	0.29	0.17	0.09	0.04	0.02	0.01	0.005	0.001	0	1.15
0.3	0.17	0.1	0.04	0.02	0.01	0.003	0	5.6	4.37	3.45	2.56	1.68	0.98	0.54	0.31	0.18	0.1	0.04	0.02	0.009	0.003	0	0	1.62
0.32	0.18	0.1	0.04	0.01	0.007		0	5.57	4.35	3.44	2.57	1.71	1.02	0.58	0.33	0.18	0.1	0.04	0.01	0.007		0	0	1.96
0.33	0.19	0.1	0.04	0.01	0.005		0	5.54	4.3	3.41	2.56	1.72	1.05	0.6	0.34	0.19	0.1	0.04	0.01	0.005		0	112.2	1.83
0.35	0.19	0.1	0.04	0.01	0.004		0	5.49	4.23	3.36	2.53	1.71	1.06	0.62	0.36	0.2	0.1	0.04	0.01	0.004		0	0	1.45
0.35	0.2	0.1	0.04	0.01	0.004		0	5.44	4.14	3.29	2.47	1.69	1.06	0.63	0.37	0.2	0.1	0.04	0.01	0.004		0	0	1.28
0.36	0.2	0.1	0.04	0.02	0.005		0	5.37	4.04	3.2	2.4	1.65	1.05	0.64	0.37	0.21	0.1	0.04	0.01	0.005		0	0	1.82
0.36	0.2	0.1	0.04	0.02	0.005		0	5.29	3.92	3.09	2.31	1.59	1.03	0.63	0.37	0.21	0.1	0.04	0.02	0.005		0	0	1.94
0.35	0.2	0.1	0.04	0.02	0.004		0	5.2	3.78	2.96	2.2	1.51	0.99	0.62	0.36	0.2	0.1	0.04	0.01	0.004		0	0	1.59
0.34	0.19	0.09	0.04	0.01	0.004	0.004	0	5.09	3.63	2.82	2.08	1.43	0.94	0.59	0.35	0.2	0.09	0.04	0.01	0.004	0.004	0	0	1.28
0.33	0.18	0.09	0.04	0.01	0.002		0	4.96	3.47	2.66	1.94	1.33	0.88	0.56	0.34	0.19	0.09	0.03	0.01	0.002		0	0	1.79
0.31	0.17	0.08	0.03		0.001		0.001	4.82	3.31	2.5	1.81	1.23	0.82	0.52	0.32	0.17	0.08	0.03		0.001		0.001	0	2.03
0.29	0.16	0.08	0.03		0.002		0.002	4.67	3.14	2.33	1.67	1.13	0.75	0.48	0.29	0.16	0.07	0.03		0.002		0.002	0	2
0.27	0.15	0.07	0.03		0.003		0.001	4.5	2.97	2.17	1.54	1.04	0.69	0.45	0.27	0.15	0.07	0.02		0.003		0.001	0	1.72
0.25	0.14	0.07	0.02		0.003		0.001	4.35	2.81	2.02	1.42	0.95	0.63	0.41	0.25	0.14	0.07	0.02		0.003		0.001	0	1
0.23	0.13	0.06	0.02		0.003		0.001	4.2	2.66	1.88	1.31	0.87	0.57	0.37	0.23	0.13	0.06	0.02		0.003		0.001	253.2	1.65
0.21	0.12	0.06	0.02		0.002		0.001	4.08	2.53	1.77	1.22	0.8	0.52	0.34	0.21	0.12	0.06	0.02		0.002		0.001	0	1.74
0.19	0.1	0.05	0.02		0.002		0.001	3.99	2.43	1.68	1.15	0.74	0.48	0.3	0.19	0.1	0.05	0.02		0.002		0.001	0	1.61
0.17	0.09	0.05	0.02		0.001		0.001	3.93	2.36	1.63	1.1	0.71	0.45	0.28	0.17	0.09	0.04	0.02		0.001		0.001	0	1.42
0.15	0.08	0.04	0.02	0.006	0		0.002	3.91	2.33	1.6	1.08	0.68	0.42	0.25	0.15	0.08	0.04	0.02	0.006	0		0.002	0	1.13
0.14	0.07	0.04	0.02	0.007	0.002		0.001	3.92	2.32	1.6	1.08	0.67	0.4	0.23	0.14	0.07	0.04	0.02	0.007	0.002		0.001	0	1.86
0.13	0.07	0.03	0.02	0.006	0.003		0.001	3.95	2.35	1.63	1.09	0.68	0.39	0.22	0.12	0.06	0.03	0.02	0.006	0.003		0.001	0	1.86
0.12	0.06	0.03	0.02	0.004	0.002		0.001	4	2.4	1.67	1.13	0.69	0.39	0.21	0.11	0.06	0.03	0.01	0.004	0.002		0.001	0	1.66
0.11	0.05	0.03	0.01	0.002	0.002		0.001	4.07	2.47	1.73	1.17	0.72	0.4	0.2	0.11	0.05	0.02	0.01	0.002	0.002		0.001	0	1.11
0.1	0.05	0.02	0.01	0	0.001		0	4.16	2.56	1.81	1.23	0.75	0.41	0.2	0.1	0.05	0.02	0.01	0	0.001		0	0	1.72
0.1	0.05	0.02	0.001	0	0	0.001	0	4.24	2.67	1.89	1.31	0.8	0.44	0.21	0.1	0.04	0.02		0.001	0	0.001	0	0	2
0.11	0.05	0.02	0.001	0.001	0.001	0.001	0.001	4.34	2.78	1.99	1.39	0.86	0.47	0.22	0.1	0.04	0.02		0.001	0.001	0.001	0.001	0	1.84
0.12	0.05	0.02		0.001	0.001	0.001	0.002	4.43	2.9	2.1	1.48	0.93	0.51	0.25	0.11	0.05	0.01		0.001	0.001	0.002	0	1.42	
0.13	0.05	0.02		0.002	0	0.002	0.002	4.53	3.02	2.22	1.59	1.01	0.57	0.28	0.13	0.05	0.02		0.002	0	0.002	0	1.7	
0.16	0.07	0.02		0.002	0.002		0.002	4.62	3.15	2.35	1.7	1.1	0.64	0.33	0.15	0.06	0.02		0.002	0.002		0.002	0	1.92
0.19	0.08	0.03	0.008				0	4.72	3.28	2.48	1.83	1.21	0.73	0.38	0.18	0.08	0.02	0.008			0	0.001	0	1.68
0.24	0.11	0.04	0.01			0.001	0.001	4.8	3.41	2.63	1.97	1.34	0.83	0.46	0.23	0.1	0.03	0.01			0.001	0.001	0	1.16
0.29	0.14	0.05	0.01	0.007		0.001	0.001	4.89	3.55	2.78	2.13	1.49	0.96	0.55	0.28	0.13	0.05	0.01	0.007		0.001	0.001	0	1.22
0.37	0.18	0.07	0.02	0.01		0	0	4.97	3.69	2.95	2.3	1.66	1.1	0.65	0.35	0.17	0.06	0.02		0.01	0	0	0	1.47
0.46	0.23	0.09	0.03	0.01		0	0	5.06	3.84	3.13	2.49	1.85	1.27	0.78	0.44	0.21	0.08	0.03	0.01		0	0	0	1.46
0.56	0.29	0.12	0.04	0.01	0.004		0	5.15	4.01	3.33	2.71	2.06	1.46	0.93	0.53	0.27	0.11	0.04	0.01	0.004	0	0	0	1.48
0.69	0.36	0.15	0.05	0.01	0.005		0	5.24	4.18	3.54	2.93	2.29	1.67	1.1	0.65	0.34	0.14	0.05	0.01	0.005		0	0	1.27
0.83	0.44	0.19	0.07	0.02	0.006		0	5.34	4.36	3.76	3.18	2.54	1.9	1.29	0.78	0.42	0.18	0.07	0.02	0.006		0	0	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.14	1.44	0.86	0.46	0.21	0.09	0.03	0.01	5.37	4.85	4.49	4.13	3.67	3.15	2.53	1.87	1.26	0.76	0.4	0.18	0.08	0.03	0.01	0	1.63
2.13	1.44	0.87	0.46	0.21	0.09	0.04	0.01	5.34	4.83	4.48	4.11	3.66	3.14	2.52	1.87	1.26	0.76	0.41	0.19	0.08	0.03	0.01	0	2.06
2.13	1.44	0.87	0.47	0.22	0.1	0.04	0.01	5.31	4.81	4.46	4.1	3.65	3.13	2.52	1.87	1.27	0.77	0.41	0.19	0.08	0.03	0.01	0	1.95
2.13	1.44	0.87	0.47	0.22	0.1	0.04	0.01	5.29	4.79	4.44	4.09	3.65	3.13	2.52	1.88	1.27	0.77	0.41	0.19	0.08	0.03	0.01	0	1.69
2.14	1.45	0.88	0.47	0.22	0.09	0.04	0.01	5.27	4.77	4.44	4.09	3.65	3.13	2.53	1.89	1.28	0.78	0.42	0.19	0.08	0.03	0.01	0	1.32
2.14	1.45	0.88	0.47	0.22	0.09	0.03	0.01	5.25	4.76	4.43	4.08	3.65	3.14	2.54	1.9	1.29	0.78	0.42	0.19	0.08	0.03	0.01	0	1.62
2.15	1.46	0.88	0.47	0.22	0.09	0.03	0.01	5.24	4.75	4.42	4.08	3.65	3.15	2.55	1.91	1.3	0.78	0.42	0.19	0.08	0.03	0.01	0	1.75
2.16	1.47	0.88	0.47	0.22	0.09	0.03	0.01	5.23	4.74	4.42	4.08	3.66	3.16	2.56	1.92	1.31	0.79	0.42	0.19	0.08	0.03	0.01	0	1.82
2.16	1.47	0.89	0.47	0.22	0.09	0.03	0.01	5.22	4.74	4.42	4.09	3.67	3.17	2.57	1.93	1.32	0.79	0.42	0.19	0.08	0.03	0.01	0	1.72
2.17	1.48	0.89	0.48	0.22	0.09	0.03	0.01	5.2	4.74	4.42	4.09	3.68	3.18	2.58	1.94	1.33	0.8	0.42	0.19	0.08	0.03	0.01	0	1.44
2.17	1.48	0.9	0.48	0.22	0.09	0.03	0.01	5.2	4.74	4.42	4.1	3.69	3.19	2.6	1.95	1.34	0.81	0.43	0.19	0.08	0.03	0.01	0	1.42
2.17	1.49	0.9	0.48	0.22	0.09	0.03	0.01	5.19	4.74	4.43	4.11	3.7	3.2	2.61	1.96	1.34	0.81	0.43	0.2	0.08	0.03	0.01	0	1.65
2.17	1.49	0.9	0.48	0.22	0.09	0.03	0.01	5.2	4.75	4.44	4.12	3.71	3.22	2.62	1.97	1.35	0.82	0.43	0.2	0.08	0.03	0.01	71.6	1.7
2.17	1.49	0.9	0.48	0.22	0.09	0.03	0.01	5.21	4.77	4.45	4.14	3.73	3.24	2.64	1.98	1.36	0.82	0.43	0.2	0.08	0.03	0.01	0	1.77
2.18	1.49	0.91	0.48	0.22	0.09	0.03	0.01	5.22	4.78	4.46	4.15	3.74	3.25	2.65	1.99	1.37	0.83	0.44	0.2	0.08	0.03	0.01	0	1.58
2.18	1.49	0.91	0.48	0.22	0.09	0.03	0.01	5.24	4.8	4.48	4.17	3.76	3.27	2.67	2.01	1.38	0.83	0.44	0.2	0.08	0.03	0.01	0	1.46
2.18	1.5	0.91	0.48	0.23	0.1	0.04	0.01	5.25	4.81	4.5	4.19	3.78	3.29	2.69	2.02	1.39	0.84	0.44	0.21	0.09	0.03	0.01	0	1.79
2.19	1.5	0.92	0.49	0.23	0.1	0.04	0.01	5.27	4.83	4.52	4.21	3.8	3.31	2.71	2.04	1.4	0.85	0.45	0.21	0.09	0.03	0.01	0	1.86
2.19	1.51	0.92	0.49	0.23	0.1	0.04	0.02	5.29	4.84	4.53	4.22	3.82	3.33	2.72	2.05	1.41	0.86	0.45	0.21	0.09	0.04	0.01	0	1.31
2.2	1.51	0.92	0.49	0.23	0.11	0.04	0.02	5.31	4.86	4.55	4.24	3.84	3.35	2.74	2.07	1.42	0.86	0.46	0.21	0.1	0.04	0.01	0	1.75
2.21	1.52	0.93	0.5	0.23	0.11	0.04	0.02	5.32	4.88	4.57	4.26	3.86	3.37	2.76	2.09	1.44	0.87	0.46	0.22	0.1	0.04	0.01	0	2.05
2.22	1.53	0.94	0.5	0.24	0.11	0.05	0.02	5.34	4.9	4.59	4.28	3.88	3.39	2.79	2.11	1.46	0.89	0.47	0.22	0.1	0.04	0.02	0	2.06
2.23	1.54	0.95	0.51	0.24	0.11	0.05	0.02	5.35	4.93	4.61	4.3	3.91	3.41	2.81	2.14	1.47	0.9	0.48	0.22	0.1	0.04	0.02	0	1.51
2.24	1.56	0.96	0.51	0.24	0.11	0.05	0.02	5.37	4.95	4.64	4.33	3.93	3.44	2.84	2.16	1.5	0.91	0.48	0.22	0.1	0.04	0.02	0	1.88
2.25	1.57	0.97	0.52	0.24	0.11	0.05	0.02	5.39	4.97	4.67	4.35	3.95	3.46	2.86	2.19	1.52	0.93	0.49	0.23	0.1	0.04	0.02	0	2.13
2.26	1.58	0.98	0.52	0.24	0.11	0.05	0.02	5.42	5	4.7	4.38	3.98	3.49	2.89	2.21	1.54	0.94	0.5	0.23	0.1	0.04	0.02	0	2.1
2.27	1.59	0.98	0.52	0.25	0.11	0.05	0.02	5.43	5.02	4.72	4.4	4	3.51	2.91	2.24	1.56	0.96	0.5	0.23	0.1	0.04	0.02	0	1.74
2.28	1.6	0.99	0.53	0.25	0.11	0.05	0.02	5.45	5.04	4.74	4.42	4.01	3.53	2.93	2.26	1.58	0.97	0.51	0.23	0.1	0.04	0.02	76	1.5
2.28	1.6	0.99	0.53	0.25	0.1	0.04	0.02	5.47	5.06	4.76	4.44	4.03	3.54	2.94	2.27	1.59	0.98	0.51	0.23	0.1	0.04	0.02	0	2.11
2.28	1.61	1	0.53	0.24	0.1	0.04	0.02	5.49	5.08	4.78	4.46	4.05	3.56	2.96	2.29	1.6	0.98	0.52	0.24	0.1	0.04	0.01	0	1.94
2.28	1.61	1	0.53	0.24	0.1	0.04	0.01	5.51	5.1	4.8	4.48	4.07	3.57	2.97	2.3	1.61	0.99	0.52	0.24	0.09	0.04	0.01	0	1.76
2.28	1.61	1	0.53	0.24	0.1	0.04	0.01	5.53	5.13	4.82	4.5	4.09	3.59	2.99	2.31	1.62	1	0.52	0.24	0.09	0.03	0.01	0	1.79
2.28	1.61	1	0.53	0.24	0.09	0.03	0.01	5.56	5.15	4.85	4.52	4.11	3.61	3	2.32	1.63	1	0.52	0.24	0.09	0.03	0.01	0	1.56
2.28	1.61	1	0.53	0.24	0.09	0.03	0.01	5.58	5.18	4.87	4.55	4.13	3.63	3.02	2.33	1.64	1.01	0.53	0.24	0.09	0.03	0.01	0	1.89
2.28	1.61	1	0.53	0.24	0.09	0.03	0.01	5.6	5.21	4.9	4.57	4.15	3.64	3.03	2.34	1.64	1.01	0.53	0.24	0.09	0.03	0.01	0	1.62
2.28	1.61	1	0.53	0.24	0.09	0.03	0.01	5.62	5.23	4.92	4.59	4.17	3.66	3.05	2.35	1.65	1.01	0.53	0.24	0.09	0.03	0.01	0	1.44
2.28	1.61	1	0.53	0.24	0.09	0.03	0.01	5.64	5.25	4.94	4.61	4.19	3.68	3.06	2.36	1.66	1.02	0.53	0.24	0.09	0.03	0.01	0	1.66
2.28	1.61	1	0.53	0.24	0.09	0.03	0.008	5.66	5.27	4.96	4.63	4.21	3.69	3.07	2.37	1.66	1.02	0.54	0.23	0.08	0.02	0.008	0	1.67
2.29	1.61	1	0.53	0.24	0.09	0.03	0.008	5.68	5.29	4.98	4.66	4.23	3.71	3.08	2.38	1.67	1.03	0.54	0.23	0.09	0.02	0.008	205	1.67
2.29	1.62	1.01	0.54	0.24	0.09	0.03	0.008	5.69	5.31	5	4.67	4.24	3.73	3.1	2.39	1.67	1.03	0.54	0.24	0.09	0.03	0.008	0	1.66
2.3	1.63	1.02	0.54	0.24	0.09	0.03	0.009	5.72	5.33	5.03	4.7	4.27	3.75	3.12	2.4	1.69	1.04	0.55	0.24	0.09	0.03	0.009	0	1.83
2.32	1.64	1.02	0.55	0.24	0.1	0.03	0.01	5.76	5.37	5.06	4.73	4.3	3.78	3.14	2.42	1.7	1.05	0.56	0.24	0.1	0.03	0.01	256.9	2.05
2.33	1.65	1.03	0.55	0.25	0.1	0.04	0.01	5.79	5.4	5.09	4.76	4.33	3.81	3.16	2.44	1.71	1.06	0.56	0.25	0.1	0.03	0.01	0	1.89
2.35	1.66	1.04	0.56	0.25	0.11	0.04	0.01	5.83	5.43	5.12	4.79	4.36	3.83	3.18	2.46	1.72	1.07	0.57	0.25	0.1	0.04	0.01	0	1.75
2.36	1.67	1.04	0.56	0.26	0.11	0.04	0.01	5.87	5.46	5.16	4.82	4.39	3.86	3.2	2.47	1.74	1.08	0.57	0.26	0.11	0.04	0.01	0	1.63
2.37	1.68	1.05	0.57	0.26	0.11	0.04	0.01	5.89	5.49	5.18	4.84	4.41	3.88	3.22	2.48	1.74	1.08	0.58	0.26	0.11	0.04	0.01	0	2.05
2.39	1.69	1.05	0.57	0.26	0.11	0.04	0.01	5.92	5.52	5.2	4.87	4.43	3.9	3.24	2.49	1.75	1.08	0.58	0.26	0.11	0.04	0.01	0	2.22
2.4	1.69	1.06	0.57	0.26	0.11	0.04	0.01	5.94	5.53	5.22	4.88	4.45	3.91	3.25	2.5	1.75	1.09	0.58	0.26	0.11	0.04	0.01	0	2.02
2.41	1.7	1.06	0.57	0.26	0.11	0.04	0.01	5.95	5.55	5.23	4.89	4.45	3.92	3.26	2.51	1.76	1.09	0.58	0.27	0.11	0.04	0.01	0	1.4
2.42	1.71	1.06	0.57	0.26	0.11	0.04	0.01	5.96	5.56	5.24	4.9	4.46	3.93	3.27	2.51	1.76	1.09	0.58	0.27	0.11	0.04	0.01	0	2.05
2.43	1.71	1.07	0.58	0.26	0.11	0.03	0.01	5.97	5.57	5.24	4.91	4.47	3.94	3.27	2.52	1.76	1.09	0.58	0.26	0.1	0.03	0.01	0	2.17
2.45	1.72	1.07	0.58	0.26	0.1	0.03	0.006	5.98	5.57	5.25	4.91	4.48	3.94	3.28	2.52	1.77	1.09	0.58	0.26	0.1	0.03	0.006	0	2
2.47	1.74	1.08	0.58	0.26	0.1	0.03	0.004	5.99	5.59	5.26	4.93	4.49	3.95	3.29	2.53	1.77	1.1	0.59	0.26	0.1	0.02	0.004	0	1.67
2.5	1.76	1.09	0.59	0.26	0.1	0.02	0.004	6.01	5.6	5.27	4.94	4.5	3.97	3.3	2.55	1.79	1.1	0.59	0.26	0.1	0.02	0.004	0	1.47
2.53	1.78	1.11	0.6	0.27																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.4	2.52	1.68	0.97	0.48	0.19	0.07	0.01	5.93	5.52	5.23	4.92	4.52	4.04	3.46	2.8	2.09	1.41	0.82	0.41	0.17	0.06	0.01	0	1.86
3.41	2.53	1.69	0.97	0.48	0.19	0.06	0.01	5.93	5.52	5.23	4.92	4.52	4.05	3.46	2.8	2.09	1.41	0.82	0.41	0.16	0.06	0.01	0	1.93
3.41	2.54	1.69	0.97	0.48	0.19	0.06	0.01	5.92	5.52	5.22	4.92	4.52	4.05	3.46	2.8	2.1	1.41	0.82	0.41	0.16	0.05	0.01	80.2	1.8
3.42	2.55	1.7	0.98	0.48	0.19	0.06	0.01	5.92	5.52	5.22	4.92	4.52	4.05	3.47	2.81	2.1	1.42	0.82	0.41	0.16	0.05	0.009	0	1.5
3.43	2.56	1.71	0.98	0.48	0.19	0.06	0.01	5.91	5.51	5.22	4.91	4.52	4.04	3.47	2.81	2.11	1.42	0.83	0.41	0.16	0.05	0.009	249.4	1.69
3.44	2.58	1.72	0.99	0.49	0.19	0.06	0.01	5.9	5.51	5.21	4.91	4.51	4.04	3.47	2.82	2.12	1.43	0.83	0.41	0.16	0.05	0.009	0	1.94
3.45	2.59	1.74	1	0.5	0.2	0.06	0.01	5.89	5.51	5.2	4.9	4.51	4.04	3.47	2.83	2.13	1.45	0.84	0.42	0.17	0.05	0.009	0	1.85
3.45	2.6	1.76	1.02	0.5	0.2	0.06	0.01	5.89	5.5	5.2	4.9	4.51	4.04	3.48	2.83	2.15	1.46	0.85	0.43	0.17	0.05	0.009	0	2.06
3.46	2.62	1.77	1.03	0.51	0.2	0.06	0.01	5.88	5.5	5.2	4.89	4.5	4.04	3.48	2.84	2.16	1.47	0.87	0.43	0.17	0.05	0.009	0	1.81
3.47	2.63	1.79	1.05	0.52	0.21	0.07	0.01	5.88	5.5	5.2	4.89	4.5	4.04	3.48	2.85	2.17	1.49	0.88	0.44	0.18	0.06	0.009	0	1.21
3.47	2.65	1.81	1.06	0.53	0.21	0.07	0.01	5.89	5.5	5.2	4.89	4.5	4.04	3.49	2.86	2.19	1.51	0.89	0.45	0.18	0.06	0.009	0	1.68
3.47	2.65	1.82	1.08	0.54	0.22	0.07	0.01	5.89	5.5	5.2	4.89	4.5	4.04	3.49	2.87	2.2	1.52	0.91	0.45	0.18	0.06	0.01	0	1.62
3.47	2.66	1.83	1.09	0.54	0.22	0.07	0.01	5.9	5.5	5.19	4.89	4.5	4.04	3.49	2.87	2.21	1.53	0.92	0.46	0.19	0.06	0.01	0	1.65
3.46	2.66	1.84	1.1	0.55	0.22	0.07	0.01	5.9	5.5	5.19	4.89	4.5	4.03	3.49	2.88	2.22	1.54	0.93	0.47	0.19	0.06	0.01	0	1.39
3.45	2.66	1.85	1.11	0.56	0.23	0.07	0.01	5.9	5.49	5.19	4.88	4.49	4.03	3.48	2.88	2.23	1.56	0.94	0.48	0.2	0.06	0.01	0	1.24
3.44	2.66	1.85	1.12	0.57	0.23	0.08	0.01	5.9	5.49	5.19	4.88	4.49	4.03	3.48	2.88	2.23	1.57	0.95	0.49	0.2	0.07	0.01	0	1.44
3.43	2.65	1.86	1.13	0.58	0.24	0.08	0.01	5.9	5.49	5.19	4.88	4.49	4.03	3.48	2.88	2.24	1.58	0.96	0.5	0.21	0.07	0.01	284.4	1.64
3.41	2.65	1.86	1.14	0.58	0.24	0.08	0.01	5.91	5.49	5.2	4.89	4.49	4.03	3.48	2.88	2.24	1.58	0.98	0.5	0.21	0.07	0.01	0	1.93
3.4	2.64	1.87	1.15	0.59	0.25	0.09	0.01	5.92	5.5	5.21	4.89	4.5	4.03	3.49	2.89	2.25	1.6	0.99	0.51	0.22	0.07	0.01	0	1.62
3.39	2.64	1.87	1.16	0.6	0.26	0.09	0.01	5.93	5.51	5.21	4.9	4.5	4.04	3.49	2.89	2.26	1.6	1	0.52	0.22	0.08	0.01	0	1.56
3.38	2.64	1.87	1.16	0.61	0.26	0.09	0.01	5.94	5.52	5.22	4.91	4.51	4.04	3.5	2.9	2.26	1.61	1.01	0.53	0.23	0.08	0.01	139.8	1.51
3.37	2.63	1.87	1.17	0.61	0.27	0.09	0.02	5.95	5.53	5.23	4.92	4.52	4.05	3.5	2.9	2.27	1.62	1.02	0.53	0.23	0.08	0.01	0	1.5
3.37	2.63	1.88	1.18	0.62	0.27	0.09	0.02	5.96	5.54	5.24	4.92	4.52	4.06	3.51	2.91	2.27	1.63	1.02	0.54	0.24	0.08	0.01	0	1.53
3.36	2.63	1.88	1.18	0.62	0.28	0.1	0.02	5.96	5.55	5.24	4.93	4.53	4.06	3.51	2.91	2.28	1.64	1.03	0.55	0.24	0.08	0.01	0	1.67
3.35	2.62	1.88	1.19	0.63	0.28	0.1	0.02	5.97	5.56	5.24	4.93	4.53	4.06	3.51	2.91	2.29	1.64	1.04	0.55	0.25	0.09	0.02	0	1.4
3.35	2.62	1.88	1.19	0.64	0.28	0.1	0.02	5.97	5.56	5.25	4.93	4.54	4.07	3.52	2.92	2.29	1.65	1.05	0.56	0.25	0.09	0.02	0	1.42
3.34	2.62	1.89	1.2	0.64	0.29	0.1	0.02	5.97	5.56	5.24	4.93	4.54	4.07	3.52	2.92	2.3	1.66	1.05	0.57	0.25	0.09	0.02	0	1.3
3.33	2.62	1.89	1.2	0.65	0.29	0.1	0.02	5.96	5.56	5.24	4.93	4.53	4.07	3.52	2.92	2.3	1.66	1.06	0.57	0.26	0.09	0.02	0	1.42
3.33	2.62	1.89	1.21	0.65	0.29	0.11	0.02	5.96	5.55	5.24	4.93	4.53	4.06	3.52	2.93	2.31	1.67	1.07	0.58	0.26	0.09	0.02	142.8	1.23
3.32	2.62	1.9	1.21	0.66	0.3	0.11	0.02	5.96	5.55	5.23	4.92	4.53	4.06	3.52	2.93	2.31	1.68	1.07	0.59	0.26	0.1	0.02	0	1.01
3.32	2.62	1.9	1.22	0.67	0.3	0.11	0.02	5.95	5.54	5.23	4.91	4.52	4.06	3.51	2.93	2.31	1.68	1.08	0.59	0.27	0.1	0.02	0	1.49
3.31	2.62	1.91	1.22	0.67	0.31	0.11	0.02	5.95	5.52	5.22	4.9	4.52	4.05	3.51	2.93	2.32	1.69	1.09	0.6	0.27	0.1	0.02	0	1.42
3.31	2.62	1.91	1.23	0.68	0.31	0.12	0.02	5.94	5.51	5.21	4.89	4.51	4.05	3.51	2.93	2.32	1.7	1.1	0.6	0.28	0.1	0.02	0	1.62
3.3	2.62	1.92	1.24	0.69	0.32	0.12	0.03	5.93	5.5	5.21	4.89	4.5	4.04	3.51	2.93	2.32	1.7	1.1	0.61	0.28	0.1	0.02	0	1.75
3.3	2.62	1.92	1.25	0.7	0.32	0.12	0.03	5.93	5.49	5.2	4.88	4.5	4.04	3.51	2.93	2.33	1.71	1.12	0.62	0.29	0.11	0.02	0	1.78
3.29	2.62	1.93	1.26	0.71	0.33	0.13	0.03	5.92	5.49	5.2	4.88	4.5	4.04	3.51	2.93	2.34	1.72	1.13	0.64	0.3	0.11	0.02	0	1.32
3.3	2.63	1.94	1.28	0.72	0.34	0.13	0.03	5.92	5.49	5.2	4.88	4.5	4.04	3.51	2.94	2.35	1.74	1.14	0.65	0.3	0.12	0.03	0	1.46
3.3	2.63	1.95	1.29	0.74	0.35	0.13	0.03	5.92	5.49	5.19	4.88	4.5	4.05	3.52	2.95	2.36	1.75	1.16	0.66	0.31	0.12	0.03	0	1.46
3.3	2.64	1.96	1.3	0.75	0.36	0.14	0.04	5.91	5.49	5.19	4.88	4.5	4.05	3.52	2.95	2.37	1.76	1.17	0.67	0.32	0.12	0.03	0	1.09
3.3	2.65	1.97	1.32	0.76	0.37	0.14	0.04	5.9	5.49	5.19	4.88	4.5	4.05	3.52	2.96	2.38	1.78	1.19	0.69	0.33	0.13	0.03	0	1.46
3.3	2.65	1.99	1.33	0.77	0.38	0.15	0.04	5.9	5.49	5.18	4.88	4.5	4.05	3.53	2.96	2.39	1.79	1.2	0.7	0.34	0.13	0.03	0	1.7
3.3	2.66	2	1.35	0.79	0.38	0.15	0.04	5.89	5.49	5.18	4.88	4.5	4.05	3.53	2.97	2.39	1.8	1.22	0.71	0.35	0.14	0.04	0	1.79
3.29	2.66	2.01	1.36	0.8	0.39	0.16	0.04	5.88	5.48	5.18	4.87	4.49	4.05	3.53	2.98	2.4	1.81	1.23	0.73	0.36	0.13	0.04	0	1.5
3.29	2.66	2.02	1.38	0.81	0.4	0.16	0.04	5.88	5.48	5.17	4.87	4.49	4.05	3.54	2.98	2.41	1.83	1.25	0.74	0.36	0.14	0.04	0	1.54
3.29	2.67	2.02	1.39	0.83	0.41	0.17	0.05	5.87	5.47	5.17	4.87	4.49	4.05	3.54	2.98	2.42	1.84	1.26	0.75	0.37	0.15	0.04	0	1.48
3.29	2.67	2.03	1.41	0.84	0.42	0.17	0.05	5.87	5.47	5.17	4.87	4.49	4.05	3.54	2.99	2.43	1.85	1.28	0.76	0.38	0.15	0.04	0	1.79
3.29	2.67	2.04	1.42	0.86	0.43	0.18	0.05	5.87	5.47	5.18	4.87	4.5	4.06	3.55	3	2.43	1.86	1.29	0.78	0.39	0.16	0.04	0	1.52
3.29	2.68	2.05	1.43	0.87	0.44	0.18	0.05	5.87	5.47	5.18	4.87	4.5	4.06	3.55	3	2.44	1.87	1.31	0.79	0.4	0.17	0.05	0	1.58
3.29	2.68	2.06	1.44	0.88	0.45	0.19	0.06	5.88	5.48	5.18	4.88	4.51	4.07	3.56	3.01	2.45	1.88	1.32	0.8	0.41	0.17	0.05	0	1.68
3.29	2.68	2.06	1.45	0.89	0.46	0.19	0.06	5.88	5.48	5.19	4.88	4.51	4.07	3.56	3.01	2.45	1.89	1.33	0.82	0.42	0.18	0.05	0	1.57
3.29	2.68	2.07	1.45	0.9	0.46	0.2	0.06	5.88	5.48	5.19	4.88	4.51	4.08	3.57	3.02	2.46	1.89	1.33	0.82	0.42	0.18	0.05	0	1.76
3.29	2.69	2.07	1.46	0.91	0.47	0.2	0.06	5.89	5.48	5.19	4.89	4.52	4.08	3.57	3.02	2.47	1.9	1.34	0.83	0.43	0.18	0.05	0	1.21
3.29	2.69	2.08	1.47	0.92	0.48	0.2	0.06	5.89	5.49	5.2	4.89	4.52	4.09	3.58	3.03	2.47	1.91	1.35	0.84	0.44	0.19	0.06	0	1.24
3.3	2.69	2.08	1.48	0.92	0.48	0.21	0.06	5.9	5.49	5.21	4.9	4.53	4.1	3.58	3.04	2.48	1.92	1.36	0.85	0.44	0.19	0.06	0	1.83
3.3	2.7	2.09	1.48	0.93																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.44	2.85	2.26	1.67	1.1	0.61	0.28	0.1	5.77	5.38	5.09	4.81	4.46	4.05	3.56	3.04	2.52	2	1.48	0.98	0.55	0.25	0.09	0	1.58
3.45	2.86	2.27	1.67	1.1	0.62	0.29	0.1	5.77	5.38	5.09	4.81	4.46	4.05	3.56	3.04	2.52	2.01	1.48	0.98	0.55	0.26	0.09	0	1.73
3.46	2.86	2.27	1.67	1.1	0.62	0.29	0.1	5.77	5.38	5.09	4.81	4.46	4.05	3.56	3.05	2.52	2.01	1.48	0.98	0.55	0.26	0.09	0	1.73
3.46	2.87	2.28	1.68	1.11	0.62	0.29	0.1	5.77	5.39	5.09	4.82	4.47	4.05	3.57	3.05	2.53	2.01	1.49	0.98	0.56	0.26	0.09	0	1.61
3.47	2.87	2.28	1.68	1.11	0.63	0.3	0.1	5.77	5.39	5.1	4.82	4.47	4.06	3.57	3.05	2.53	2.01	1.49	0.99	0.56	0.26	0.09	0	1.1
3.47	2.88	2.28	1.69	1.12	0.63	0.3	0.1	5.77	5.4	5.1	4.82	4.47	4.06	3.58	3.06	2.53	2.01	1.49	0.99	0.56	0.27	0.09	0	1.5
3.48	2.88	2.29	1.69	1.12	0.63	0.3	0.1	5.77	5.4	5.11	4.83	4.48	4.07	3.58	3.06	2.54	2.02	1.5	0.99	0.56	0.27	0.09	0	1.85
3.48	2.89	2.29	1.69	1.12	0.64	0.3	0.11	5.77	5.41	5.11	4.83	4.48	4.07	3.59	3.07	2.54	2.02	1.5	0.99	0.57	0.27	0.09	0	1.66
3.49	2.89	2.3	1.7	1.12	0.64	0.31	0.11	5.78	5.42	5.12	4.84	4.49	4.08	3.6	3.08	2.55	2.03	1.5	1	0.57	0.27	0.09	0	1.77
3.5	2.9	2.3	1.7	1.13	0.65	0.31	0.11	5.8	5.43	5.13	4.85	4.5	4.09	3.61	3.09	2.56	2.04	1.51	1	0.57	0.27	0.09	0	1.33
3.5	2.9	2.31	1.71	1.13	0.65	0.31	0.11	5.81	5.44	5.15	4.87	4.51	4.1	3.62	3.09	2.57	2.04	1.51	1.01	0.58	0.28	0.1	0	1.39
3.5	2.91	2.31	1.71	1.13	0.65	0.31	0.11	5.83	5.45	5.16	4.88	4.52	4.11	3.63	3.11	2.58	2.05	1.52	1.01	0.58	0.28	0.1	0	1.92
3.5	2.91	2.31	1.71	1.14	0.66	0.32	0.11	5.84	5.47	5.17	4.89	4.54	4.13	3.64	3.12	2.59	2.06	1.53	1.01	0.59	0.28	0.1	0	1.77
3.5	2.91	2.32	1.71	1.14	0.66	0.32	0.11	5.86	5.48	5.19	4.91	4.55	4.14	3.65	3.13	2.6	2.07	1.53	1.02	0.59	0.28	0.1	0	1.82
3.5	2.91	2.32	1.72	1.14	0.66	0.32	0.11	5.88	5.5	5.21	4.93	4.57	4.16	3.67	3.14	2.61	2.08	1.54	1.03	0.59	0.29	0.1	0	1.55
3.5	2.91	2.32	1.72	1.15	0.66	0.32	0.11	5.91	5.53	5.23	4.95	4.6	4.18	3.69	3.16	2.63	2.09	1.55	1.03	0.6	0.29	0.1	0	1.94
3.5	2.91	2.32	1.72	1.15	0.67	0.32	0.11	5.93	5.56	5.26	4.98	4.62	4.2	3.71	3.17	2.64	2.1	1.56	1.04	0.6	0.29	0.1	0	2.02
3.5	2.91	2.32	1.72	1.15	0.67	0.33	0.12	5.96	5.59	5.29	5	4.65	4.22	3.73	3.19	2.66	2.11	1.57	1.05	0.61	0.29	0.1	0	1.49
3.5	2.91	2.32	1.72	1.15	0.67	0.33	0.12	5.99	5.62	5.32	5.03	4.68	4.25	3.75	3.21	2.67	2.13	1.58	1.05	0.61	0.3	0.1	0	1.79
3.49	2.91	2.32	1.72	1.15	0.67	0.33	0.12	6.02	5.65	5.35	5.06	4.71	4.27	3.78	3.24	2.69	2.14	1.59	1.06	0.62	0.3	0.11	0	2.06
3.49	2.9	2.32	1.72	1.15	0.68	0.33	0.12	6.05	5.68	5.38	5.09	4.73	4.3	3.8	3.26	2.71	2.16	1.6	1.07	0.62	0.3	0.11	0	1.94
3.49	2.9	2.32	1.72	1.15	0.68	0.33	0.12	6.08	5.71	5.41	5.12	4.76	4.33	3.83	3.28	2.73	2.17	1.61	1.08	0.63	0.31	0.11	0	1.65
3.48	2.9	2.31	1.72	1.16	0.68	0.34	0.12	6.1	5.74	5.44	5.14	4.79	4.35	3.85	3.3	2.74	2.18	1.62	1.08	0.63	0.31	0.11	238.8	1.55
3.48	2.9	2.31	1.72	1.16	0.68	0.34	0.12	6.13	5.76	5.47	5.17	4.81	4.38	3.87	3.32	2.76	2.2	1.63	1.09	0.64	0.31	0.11	0	1.88
3.48	2.9	2.31	1.72	1.16	0.68	0.34	0.12	6.16	5.79	5.5	5.2	4.84	4.4	3.9	3.34	2.78	2.21	1.64	1.1	0.65	0.32	0.11	0	1.81
3.47	2.89	2.31	1.72	1.16	0.69	0.34	0.13	6.18	5.81	5.52	5.22	4.86	4.42	3.92	3.36	2.8	2.23	1.65	1.11	0.65	0.32	0.12	0	1.89
3.47	2.89	2.31	1.72	1.17	0.69	0.34	0.13	6.2	5.82	5.54	5.24	4.88	4.44	3.93	3.38	2.81	2.24	1.66	1.12	0.66	0.32	0.12	0	1.55
3.46	2.89	2.31	1.73	1.17	0.69	0.35	0.13	6.22	5.84	5.56	5.26	4.89	4.46	3.95	3.39	2.82	2.25	1.67	1.13	0.66	0.33	0.12	0	1.71
3.46	2.88	2.31	1.73	1.17	0.7	0.35	0.13	6.24	5.85	5.57	5.27	4.9	4.47	3.96	3.4	2.83	2.26	1.68	1.14	0.67	0.33	0.12	0	1.9
3.45	2.88	2.31	1.73	1.18	0.7	0.35	0.13	6.25	5.85	5.58	5.27	4.91	4.48	3.96	3.41	2.84	2.26	1.69	1.14	0.67	0.33	0.12	0	1.75
3.44	2.87	2.3	1.73	1.18	0.7	0.35	0.13	6.24	5.85	5.57	5.27	4.91	4.48	3.97	3.41	2.84	2.27	1.7	1.15	0.68	0.33	0.12	0	1.55
3.42	2.86	2.3	1.73	1.18	0.7	0.35	0.13	6.23	5.85	5.57	5.27	4.91	4.47	3.96	3.41	2.84	2.27	1.7	1.15	0.68	0.33	0.12	0	1.82
3.41	2.85	2.29	1.73	1.18	0.7	0.35	0.13	6.21	5.84	5.55	5.25	4.89	4.46	3.95	3.4	2.84	2.27	1.7	1.16	0.68	0.33	0.12	0	1.64
3.39	2.84	2.28	1.72	1.18	0.7	0.35	0.13	6.2	5.83	5.54	5.24	4.88	4.45	3.94	3.39	2.83	2.27	1.7	1.16	0.68	0.33	0.12	0	1.59
3.37	2.82	2.27	1.72	1.18	0.7	0.35	0.13	6.18	5.81	5.52	5.23	4.87	4.44	3.93	3.39	2.82	2.26	1.7	1.16	0.68	0.33	0.12	0	1.1
3.36	2.81	2.26	1.72	1.18	0.7	0.35	0.13	6.16	5.79	5.51	5.21	4.85	4.42	3.92	3.37	2.81	2.26	1.7	1.16	0.68	0.33	0.12	0	1.46
3.34	2.79	2.25	1.71	1.17	0.7	0.35	0.13	6.14	5.78	5.49	5.19	4.84	4.41	3.91	3.36	2.8	2.25	1.7	1.16	0.68	0.34	0.12	0	1.69
3.32	2.78	2.24	1.7	1.17	0.7	0.35	0.13	6.12	5.75	5.47	5.17	4.82	4.39	3.89	3.35	2.79	2.24	1.69	1.16	0.68	0.34	0.12	0	1.58
3.3	2.76	2.23	1.69	1.17	0.7	0.35	0.13	6.1	5.73	5.45	5.15	4.8	4.38	3.88	3.34	2.78	2.23	1.69	1.15	0.69	0.34	0.13	0	1.78
3.28	2.75	2.21	1.68	1.16	0.7	0.35	0.14	6.08	5.71	5.43	5.14	4.78	4.36	3.87	3.33	2.77	2.22	1.68	1.15	0.69	0.34	0.13	0	1.44
3.27	2.73	2.2	1.67	1.16	0.7	0.36	0.14	6.06	5.69	5.41	5.12	4.77	4.35	3.85	3.32	2.76	2.21	1.67	1.15	0.69	0.34	0.13	0	1.49
3.25	2.72	2.18	1.66	1.15	0.7	0.36	0.14	6.04	5.67	5.4	5.1	4.75	4.33	3.84	3.3	2.75	2.2	1.66	1.14	0.69	0.35	0.13	0	1.37
3.23	2.7	2.17	1.65	1.14	0.7	0.36	0.14	6.03	5.66	5.38	5.09	4.74	4.32	3.82	3.29	2.74	2.19	1.66	1.14	0.69	0.35	0.13	0	1.58
3.21	2.68	2.16	1.64	1.14	0.69	0.36	0.14	6.01	5.64	5.36	5.07	4.72	4.3	3.81	3.28	2.73	2.18	1.65	1.13	0.69	0.35	0.13	0	1.8
3.2	2.67	2.14	1.62	1.13	0.69	0.36	0.14	5.99	5.63	5.35	5.06	4.71	4.29	3.8	3.27	2.72	2.17	1.64	1.13	0.68	0.35	0.13	0	1.66
3.18	2.65	2.13	1.61	1.12	0.69	0.35	0.13	5.98	5.62	5.33	5.04	4.69	4.27	3.79	3.26	2.71	2.16	1.63	1.12	0.68	0.34	0.13	0	1.51
3.16	2.64	2.12	1.6	1.11	0.68	0.35	0.13	5.96	5.61	5.32	5.03	4.68	4.26	3.78	3.25	2.7	2.15	1.62	1.11	0.67	0.34	0.12	114.9	1.6
3.15	2.63	2.1	1.59	1.1	0.67	0.34	0.13	5.95	5.6	5.31	5.02	4.67	4.25	3.77	3.24	2.69	2.14	1.61	1.11	0.67	0.34	0.12	0	1.53
3.14	2.62	2.1	1.58	1.09	0.67	0.34	0.12	5.95	5.59	5.3	5.02	4.67	4.25	3.76	3.24	2.69	2.14	1.6	1.1	0.66	0.33	0.12	0	1.58
3.13	2.61	2.09	1.57	1.09	0.66	0.34	0.12	5.95	5.59	5.3	5.01	4.66	4.24	3.76	3.23	2.69	2.13	1.6	1.09	0.66	0.33	0.12	0	1.52
3.13	2.61	2.08	1.57	1.08	0.66	0.33	0.12	5.95	5.59	5.3	5.01	4.66	4.25	3.76	3.24	2.69	2.13	1.59	1.09	0.65	0.32	0.11	0	1.68
3.12	2.61	2.08	1.56	1.08	0.65	0.33	0.12	5.95	5.6	5.3	5.02	4.67	4.25	3.77	3.24	2.69	2.13	1.59	1.09	0.65	0.32	0.11	0	1.6
3.12	2.61	2.08	1.56	1.07	0.64	0.32	0.11	5.96	5.6	5.31	5.02	4.67	4.26	3.78	3.25	2.7	2.14	1.59	1.08	0.64	0.32	0.11	0	1.46
3.13	2.61	2.07	1.55	1.06	0.64	0.32	0.11	5.98	5.61	5.32	5.03	4.69	4.27	3.79	3.26	2.7	2.14	1.59	1.07	0.64	0.31	0.11	0	1.14
3.13	2.61	2.07	1.54	1.04	0.62	0.31																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.17	2.68	2.19	1.73	1.28	0.83	0.45	0.15	6.4	5.99	5.7	5.38	5	4.56	4.05	3.5	2.95	2.4	1.89	1.38	0.89	0.47	0.16	0	1.57
3.19	2.7	2.21	1.75	1.29	0.84	0.46	0.16	6.45	6.02	5.74	5.42	5.03	4.59	4.08	3.53	2.97	2.42	1.9	1.39	0.9	0.48	0.16	0	1.27
3.22	2.72	2.23	1.76	1.3	0.85	0.47	0.16	6.49	6.07	5.78	5.46	5.07	4.62	4.11	3.56	2.99	2.44	1.91	1.41	0.91	0.49	0.16	0	1.49
3.26	2.75	2.26	1.78	1.32	0.87	0.47	0.16	6.54	6.11	5.82	5.5	5.11	4.66	4.14	3.58	3.01	2.46	1.93	1.42	0.92	0.5	0.17	0	1.6
3.29	2.78	2.28	1.8	1.33	0.88	0.48	0.17	6.58	6.15	5.86	5.53	5.14	4.69	4.17	3.61	3.04	2.48	1.94	1.43	0.93	0.51	0.17	0	1.69
3.32	2.81	2.31	1.82	1.35	0.89	0.49	0.17	6.62	6.19	5.89	5.57	5.17	4.72	4.19	3.63	3.05	2.5	1.95	1.44	0.94	0.51	0.17	0	1.51
3.36	2.84	2.33	1.84	1.36	0.9	0.5	0.17	6.65	6.22	5.92	5.6	5.2	4.75	4.21	3.65	3.07	2.51	1.97	1.45	0.95	0.52	0.18	0	1.3
3.39	2.87	2.35	1.86	1.38	0.92	0.51	0.18	6.67	6.25	5.94	5.62	5.22	4.77	4.23	3.67	3.09	2.53	1.98	1.46	0.96	0.53	0.18	0	1.34
3.42	2.9	2.38	1.88	1.4	0.93	0.52	0.18	6.69	6.27	5.96	5.64	5.24	4.78	4.25	3.68	3.1	2.54	1.99	1.47	0.98	0.54	0.19	0	0.97
3.46	2.93	2.4	1.9	1.42	0.95	0.53	0.19	6.71	6.3	5.98	5.66	5.26	4.8	4.27	3.7	3.12	2.55	2	1.49	0.99	0.55	0.19	0	1.52
3.49	2.96	2.43	1.92	1.44	0.97	0.54	0.2	6.73	6.33	6	5.68	5.28	4.82	4.29	3.72	3.13	2.56	2.02	1.5	1	0.56	0.2	0	1.54
3.53	2.99	2.46	1.94	1.46	0.99	0.56	0.2	6.74	6.35	6.02	5.7	5.3	4.84	4.3	3.73	3.14	2.57	2.03	1.51	1.02	0.57	0.2	0	1.38
3.57	3.02	2.48	1.97	1.48	1.01	0.57	0.21	6.76	6.37	6.04	5.72	5.32	4.85	4.32	3.75	3.16	2.59	2.04	1.53	1.03	0.58	0.21	0	1.22
3.6	3.05	2.51	1.99	1.5	1.02	0.58	0.22	6.78	6.39	6.06	5.74	5.34	4.87	4.33	3.76	3.17	2.6	2.05	1.54	1.04	0.58	0.21	0	1.32
3.64	3.08	2.53	2.01	1.52	1.04	0.59	0.22	6.79	6.4	6.07	5.75	5.35	4.88	4.35	3.77	3.18	2.6	2.06	1.55	1.05	0.59	0.22	0	1.81
3.67	3.11	2.55	2.03	1.54	1.05	0.59	0.22	6.81	6.42	6.08	5.77	5.36	4.89	4.36	3.78	3.19	2.61	2.07	1.56	1.06	0.59	0.22	0	1.81
3.7	3.13	2.57	2.05	1.55	1.06	0.6	0.23	6.82	6.43	6.1	5.78	5.37	4.91	4.37	3.79	3.2	2.62	2.07	1.56	1.06	0.59	0.22	0	1.37
3.73	3.16	2.59	2.06	1.56	1.06	0.6	0.22	6.84	6.44	6.11	5.79	5.38	4.92	4.38	3.8	3.2	2.62	2.07	1.56	1.06	0.59	0.22	0	1.52
3.76	3.18	2.61	2.07	1.56	1.06	0.59	0.22	6.85	6.45	6.13	5.8	5.39	4.93	4.39	3.81	3.21	2.63	2.08	1.56	1.05	0.58	0.21	0	1.76
3.79	3.2	2.63	2.08	1.56	1.05	0.58	0.21	6.87	6.46	6.14	5.82	5.41	4.94	4.39	3.81	3.22	2.63	2.07	1.55	1.04	0.57	0.2	0	1.64
3.81	3.22	2.64	2.08	1.55	1.04	0.56	0.2	6.88	6.47	6.15	5.82	5.41	4.94	4.4	3.82	3.22	2.63	2.07	1.53	1.02	0.55	0.19	0	1.55
3.83	3.24	2.65	2.08	1.54	1.02	0.54	0.18	6.89	6.48	6.16	5.83	5.42	4.95	4.4	3.82	3.22	2.63	2.06	1.52	1	0.53	0.18	0	1.58
3.85	3.25	2.65	2.08	1.53	1	0.52	0.17	6.89	6.49	6.16	5.84	5.43	4.95	4.41	3.82	3.22	2.62	2.04	1.5	0.97	0.51	0.16	0	1.67
3.86	3.26	2.66	2.07	1.51	0.97	0.5	0.16	6.9	6.5	6.17	5.85	5.43	4.96	4.41	3.82	3.22	2.62	2.03	1.47	0.94	0.48	0.15	0	1.55
3.88	3.27	2.66	2.06	1.49	0.94	0.48	0.14	6.91	6.51	6.18	5.86	5.44	4.97	4.42	3.83	3.22	2.61	2.01	1.45	0.92	0.46	0.13	0	1.42
3.9	3.28	2.66	2.05	1.47	0.92	0.46	0.13	6.93	6.53	6.2	5.87	5.46	4.98	4.43	3.84	3.23	2.61	2	1.43	0.89	0.44	0.13	0	1.66
3.91	3.29	2.66	2.04	1.45	0.9	0.44	0.13	6.94	6.54	6.22	5.89	5.47	4.99	4.44	3.85	3.23	2.61	1.99	1.41	0.86	0.42	0.12	0	1.71
3.92	3.3	2.66	2.03	1.42	0.87	0.42	0.12	6.97	6.56	6.24	5.91	5.49	5.01	4.45	3.86	3.24	2.6	1.97	1.38	0.84	0.4	0.11	0	1.13
3.94	3.31	2.66	2.02	1.4	0.85	0.4	0.11	7	6.58	6.27	5.93	5.51	5.03	4.47	3.87	3.25	2.61	1.97	1.36	0.82	0.39	0.11	0	1.73
3.94	3.3	2.65	1.99	1.37	0.81	0.38	0.11	7.01	6.6	6.29	5.95	5.53	5.04	4.48	3.88	3.25	2.6	1.94	1.33	0.79	0.37	0.1	0	1.97
3.94	3.3	2.63	1.97	1.34	0.78	0.36	0.1	7.04	6.62	6.31	5.97	5.55	5.06	4.5	3.89	3.25	2.59	1.92	1.3	0.76	0.35	0.09	0	1.63
3.93	3.28	2.61	1.94	1.3	0.75	0.34	0.1	7.07	6.64	6.34	5.99	5.57	5.08	4.51	3.9	3.25	2.57	1.9	1.27	0.72	0.33	0.09	0	1.45
3.91	3.26	2.58	1.9	1.25	0.71	0.32	0.09	7.09	6.66	6.36	6.01	5.58	5.09	4.52	3.89	3.23	2.55	1.87	1.23	0.69	0.31	0.08	0	1.57
3.89	3.23	2.54	1.85	1.21	0.67	0.3	0.08	7.11	6.69	6.38	6.03	5.6	5.1	4.53	3.89	3.22	2.53	1.83	1.18	0.65	0.28	0.08	0	1.72
3.87	3.2	2.5	1.8	1.16	0.64	0.27	0.08	7.14	6.72	6.41	6.05	5.62	5.12	4.54	3.9	3.21	2.5	1.79	1.14	0.62	0.26	0.07	0	1.79
3.85	3.17	2.46	1.75	1.11	0.6	0.25	0.07	7.18	6.75	6.44	6.08	5.64	5.14	4.55	3.9	3.2	2.47	1.75	1.1	0.58	0.24	0.07	0	1.51
3.82	3.13	2.41	1.7	1.06	0.56	0.23	0.06	7.22	6.78	6.47	6.1	5.67	5.15	4.56	3.89	3.18	2.44	1.7	1.05	0.55	0.22	0.06	0	1.69
3.79	3.09	2.36	1.64	1.01	0.52	0.21	0.06	7.26	6.82	6.5	6.13	5.69	5.17	4.57	3.89	3.16	2.4	1.66	1.01	0.51	0.2	0.05	0	1.48
3.75	3.04	2.3	1.58	0.96	0.49	0.19	0.05	7.3	6.86	6.53	6.16	5.71	5.19	4.57	3.88	3.14	2.36	1.61	0.96	0.48	0.18	0.05	0	1.94
3.7	2.99	2.24	1.52	0.9	0.45	0.17	0.05	7.33	6.89	6.55	6.18	5.73	5.19	4.57	3.87	3.11	2.31	1.55	0.91	0.44	0.16	0.04	0	1.45
3.65	2.93	2.18	1.46	0.85	0.41	0.15	0.04	7.36	6.91	6.56	6.19	5.73	5.19	4.56	3.84	3.07	2.26	1.5	0.86	0.41	0.15	0.04	0	2.07
3.6	2.87	2.11	1.4	0.8	0.38	0.14	0.04	7.38	6.92	6.57	6.2	5.74	5.19	4.55	3.82	3.03	2.21	1.45	0.82	0.38	0.13	0.03	0	2.42
3.54	2.81	2.05	1.34	0.76	0.36	0.13	0.04	7.39	6.93	6.58	6.2	5.73	5.19	4.53	3.79	2.99	2.16	1.39	0.77	0.35	0.12	0.03	0	1.89
3.48	2.75	1.99	1.28	0.71	0.33	0.11	0.03	7.39	6.94	6.57	6.2	5.73	5.18	4.51	3.76	2.94	2.1	1.34	0.73	0.33	0.11	0.03	0	2.17
3.42	2.68	1.92	1.22	0.67	0.3	0.1	0.03	7.39	6.95	6.57	6.19	5.72	5.16	4.49	3.72	2.89	2.05	1.28	0.69	0.3	0.1	0.03	0	2.37
3.37	2.62	1.86	1.17	0.62	0.28	0.09	0.03	7.4	6.96	6.57	6.2	5.72	5.16	4.47	3.69	2.85	1.99	1.23	0.64	0.28	0.09	0.02	0	2.14
3.32	2.56	1.8	1.11	0.58	0.25	0.08	0.02	7.42	6.97	6.58	6.2	5.71	5.15	4.45	3.66	2.8	1.94	1.17	0.6	0.25	0.07	0.02	0	1.9
3.27	2.51	1.74	1.05	0.54	0.22	0.06	0.02	7.44	6.99	6.58	6.21	5.72	5.14	4.44	3.63	2.75	1.88	1.12	0.56	0.23	0.06	0.02	0	1.65
3.22	2.45	1.68	1	0.5	0.2	0.05	0.02	7.47	7	6.6	6.21	5.72	5.14	4.42	3.59	2.71	1.83	1.07	0.52	0.2	0.05	0.02	0	1.57
3.18	2.4	1.63	0.95	0.46	0.18	0.05	0.02	7.51	7.03	6.62	6.23	5.73	5.14	4.41	3.56	2.66	1.77	1.01	0.48	0.18	0.04	0.02	388.8	1.8
3.14	2.35	1.57	0.9	0.43	0.16	0.04	0.02	7.54	7.05	6.63	6.24	5.74	5.14	4.39	3.53	2.61	1.72	0.96	0.44	0.16	0.04	0.02	0	1.85
3.09	2.29	1.51	0.85	0.39	0.14	0.03	0.02	7.56	7.06	6.64	6.24	5.74	5.13	4.37	3.49	2.56	1.66	0.91	0.4	0.14	0.03	0.01	0	2.05
3.04	2.23	1.46	0.8	0.35	0.12	0.03	0.02	7.57	7.07	6.64	6.23	5.72	5.11	4.34	3.44	2.5	1.6	0.86	0.37	0.12	0.02	0.01	0	1.97
2.98	2.17	1.39	0.75	0.32	0.1	0.02	0.01	7.56	7.05	6.63	6.21	5.7	5.07	4.29	3.39	2.44	1.53	0.81	0.33	0.1	0.02	0.01	0	2.13
2.92	2.11	1.34	0.71	0.29	0.08	0.01	0.01																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.82	1.06	0.49	0.16	0.03	0.008	0.003	0.002	7.08	6.52	6.06	5.56	4.9	4.06	3.07	2.06	1.18	0.53	0.17	0.03	0.008	0.003	0.002	0	0.96
1.81	1.05	0.48	0.15	0.03	0.009	0.004	0.002	7.08	6.52	6.06	5.56	4.89	4.05	3.05	2.03	1.16	0.52	0.16	0.03	0.009	0.004	0.002	0	1.88
1.81	1.04	0.46	0.14	0.03	0.01	0.003	0.001	7.07	6.52	6.05	5.55	4.88	4.04	3.04	2.02	1.14	0.5	0.15	0.03	0.01	0.003	0.001	0	1.85
1.81	1.03	0.46	0.14	0.03	0.01	0.003	0.001	7.07	6.51	6.05	5.54	4.87	4.03	3.03	2.01	1.12	0.49	0.15	0.03	0.01	0.003	0.001	0	1.52
1.81	1.02	0.45	0.14	0.03	0.01	0.004	0.001	7.07	6.5	6.03	5.53	4.86	4.01	3.02	1.99	1.11	0.48	0.14	0.03	0.01	0.004	0.001	0	1.21
1.82	1.03	0.45	0.13	0.03	0.01	0.004	0.001	7.06	6.5	6.02	5.52	4.85	4	3.01	1.99	1.11	0.47	0.14	0.03	0.01	0.004	0.001	0	1.42
1.83	1.03	0.44	0.13	0.03	0.01	0.006	0.001	7.06	6.49	6.01	5.5	4.83	3.99	3	1.98	1.1	0.47	0.14	0.03	0.01	0.006	0.001	0	1.75
1.84	1.03	0.45	0.13	0.03	0.01	0.007	0.001	7.05	6.47	6	5.48	4.81	3.98	2.99	1.98	1.09	0.47	0.14	0.03	0.01	0.007	0.001	0	1.19
1.86	1.04	0.45	0.14	0.03	0.01		0	7.04	6.45	5.98	5.46	4.79	3.96	2.98	1.97	1.09	0.46	0.14	0.03	0.01		0	0	1.54
1.87	1.04	0.45	0.14	0.03	0.01		0.001	7.03	6.43	5.96	5.44	4.77	3.94	2.96	1.96	1.08	0.46	0.14	0.03	0.01		0.001	0	1.77
1.87	1.04	0.45	0.14	0.03	0.01		0.003	7.02	6.42	5.94	5.42	4.75	3.92	2.95	1.94	1.08	0.46	0.14	0.03	0.01		0.003	0	1.18
1.88	1.04	0.45	0.14	0.03	0.01		0.005	7.01	6.4	5.92	5.4	4.72	3.9	2.92	1.93	1.06	0.45	0.14	0.03	0.01		0.005	0	1.07
1.88	1.04	0.45	0.15	0.03	0.01		0.007	7.01	6.39	5.91	5.38	4.7	3.87	2.89	1.9	1.05	0.45	0.14	0.03	0.01		0.007	132.9	1.41
1.87	1.03	0.45	0.15	0.03	0.01		0.009	7.01	6.38	5.89	5.36	4.68	3.84	2.86	1.87	1.03	0.44	0.15	0.03	0.01		0.009	0	1.23
1.85	1.02	0.45	0.16	0.04	0.02		0.005	7.02	6.37	5.89	5.35	4.65	3.8	2.82	1.84	1.01	0.44	0.15	0.04	0.02		0.005	0	1.9
1.83	1	0.44	0.16	0.05	0.03		0.002	7.03	6.37	5.88	5.33	4.62	3.76	2.77	1.79	0.98	0.43	0.16	0.05	0.03		0.002	0	1.59
1.78	0.96	0.42	0.16	0.05	0.03		0	7.02	6.35	5.86	5.29	4.57	3.7	2.69	1.72	0.93	0.41	0.15	0.05	0.03		0	0	1.57
1.71	0.91	0.39	0.15	0.05	0.03	0.01	0	7	6.32	5.82	5.25	4.5	3.61	2.6	1.64	0.87	0.38	0.14	0.05	0.03	0.01	0	0	1.86
1.62	0.85	0.36	0.13	0.05	0.03		0	6.97	6.27	5.76	5.18	4.42	3.51	2.49	1.54	0.8	0.34	0.13	0.04	0.02		0	0	2.02
1.52	0.77	0.32	0.11	0.04	0.02		0.001	6.93	6.23	5.7	5.1	4.32	3.39	2.36	1.42	0.72	0.3	0.11	0.03	0.02		0.001	0	2.03
1.41	0.69	0.28	0.1	0.03	0.02		0.002	6.88	6.17	5.63	5.02	4.21	3.26	2.22	1.31	0.64	0.26	0.09	0.03	0.01		0.002	0	1.94
1.29	0.61	0.24	0.08	0.02	0.01		0.003	6.84	6.12	5.56	4.93	4.09	3.12	2.08	1.19	0.56	0.22	0.07	0.02	0.01		0.003	0	1.82
1.18	0.54	0.2	0.07	0.02	0.01		0.003	6.8	6.07	5.48	4.83	3.97	2.98	1.94	1.07	0.49	0.19	0.06	0.02	0.01		0.003	0	1.48
1.06	0.46	0.17	0.06	0.02			0.004	6.79	6.02	5.41	4.74	3.85	2.83	1.8	0.96	0.42	0.15	0.05	0.02			0.004	0	1.74
0.95	0.4	0.14	0.04	0.01			0.004	6.77	5.97	5.34	4.64	3.72	2.69	1.66	0.85	0.36	0.12	0.04	0.01			0.004	0	2.06
0.85	0.33	0.11	0.03	0.01			0.006	6.76	5.93	5.27	4.54	3.59	2.54	1.53	0.75	0.3	0.1	0.03	0.01			0.006	0	2.04
0.74	0.28	0.08	0.02	0.01			0.007	6.75	5.89	5.2	4.44	3.46	2.4	1.4	0.66	0.25	0.07	0.02	0.01			0.007	0	1.59
0.66	0.23	0.06	0.02	0.008			0.006	6.74	5.84	5.12	4.33	3.34	2.26	1.28	0.58	0.2	0.05	0.01	0.008			0.006	0	2.18
0.58	0.19	0.05	0.01	0.007			0.006	6.74	5.79	5.05	4.23	3.21	2.14	1.17	0.5	0.17	0.04	0.01	0.007			0.006	0	2.3
0.51	0.16	0.03	0.01	0.007			0.005	6.72	5.74	4.98	4.13	3.09	2.02	1.07	0.44	0.14	0.03	0.01	0.007			0.005	306.6	1.57
0.45	0.13	0.02	0.009	0.006			0.004	6.7	5.68	4.9	4.03	2.98	1.91	0.99	0.39	0.11	0.02	0.009	0.006			0.004	0	1.39
0.41	0.11	0.02	0.009	0.006			0.004	6.68	5.63	4.82	3.94	2.88	1.81	0.91	0.35	0.1	0.02	0.009	0.006			0.004	0	1.67
0.37	0.09	0.02	0.007	0.006			0.004	6.66	5.58	4.75	3.85	2.78	1.72	0.85	0.31	0.08	0.01	0.007	0.006			0.004	0	1.81
0.34	0.08	0.01	0.008	0.006			0.003	6.64	5.53	4.68	3.76	2.69	1.64	0.79	0.29	0.07	0.01	0.008	0.006			0.003	0	1.76
0.31	0.08	0.01	0.008	0.006			0.003	6.62	5.48	4.6	3.68	2.6	1.56	0.74	0.26	0.06	0.01	0.008	0.006			0.003	0	1.74
0.28	0.07	0.01	0.006	0.005			0.003	6.6	5.42	4.52	3.58	2.5	1.49	0.69	0.24	0.06	0.01	0.006	0.005			0.003	0	1.83
0.26	0.06	0.01	0.005	0.004			0.003	6.56	5.35	4.42	3.48	2.4	1.4	0.64	0.22	0.05	0.01	0.005	0.004			0.003	0	1.54
0.24	0.05	0.01	0.005	0.005			0.003	6.52	5.26	4.31	3.35	2.28	1.32	0.59	0.2	0.04	0.01	0.005	0.005			0.003	0	2.14
0.22	0.05	0.01	0.006	0.006	0.003		0.003	6.46	5.14	4.17	3.21	2.15	1.22	0.54	0.18	0.04	0.01	0.006	0.006	0.003		0.003	0	2.25
0.19	0.05	0.01	0.008	0.008	0.003		0.002	6.38	5.01	4	3.04	2	1.12	0.49	0.16	0.04	0.01	0.008	0.008	0.003		0.002	0	1.6
0.17	0.04	0.01	0.009	0.01	0.003		0.003	6.29	4.86	3.82	2.85	1.84	1	0.43	0.14	0.03	0.01	0.009	0.01	0.003		0.003	0	1.61
0.15	0.04	0.01	0.01	0.01	0.002		0.004	6.2	4.69	3.63	2.66	1.67	0.89	0.37	0.12	0.03	0.01	0.01	0.009	0.002		0.004	0	1.87
0.12	0.03	0.01	0.01	0.01			0.006	6.1	4.52	3.44	2.46	1.5	0.77	0.32	0.1	0.03	0.01	0.008	0.008			0.006	0	1.89
0.1	0.03	0.01	0.009				0.009	6	4.35	3.24	2.26	1.34	0.66	0.26	0.08	0.02	0.01	0.009				0.009	0	1.62
0.08	0.02	0.01	0.007				0.01	5.9	4.19	3.06	2.08	1.19	0.56	0.21	0.06	0.01	0.009	0.007				0.01	0	1.81
0.06	0.01	0.009	0.006				0.01	5.8	4.05	2.9	1.93	1.05	0.48	0.17	0.05	0.01	0.009	0.006				0.01	0	1.7
0.04	0.01	0.007	0.006				0.01	5.7	3.91	2.76	1.79	0.94	0.4	0.13	0.03	0.01	0.007	0.006				0.01	0	1.83
0.03	0.01	0.007	0.007				0.007	5.61	3.79	2.63	1.67	0.85	0.35	0.11	0.02	0.009	0.007	0.007				0.007	0	1.83
0.02	0.01	0.009	0.009				0.003	5.51	3.67	2.51	1.57	0.78	0.3	0.09	0.02	0.008	0.009	0.009				0.003	0	1.71
0.02	0.01	0.009	0.009	0.006			0.001	5.42	3.56	2.41	1.48	0.72	0.27	0.07	0.01	0.01	0.009	0.009	0.006			0.001	0	2.1
0.02	0.01	0.01	0.01	0.007	0.002	0	0.001	5.33	3.45	2.32	1.41	0.68	0.25	0.07	0.01	0.01	0.008	0.01	0.007	0.002	0	0.001	0	2.06
0.01	0.009	0.01	0.009	0.006	0.002	0	0.001	5.25	3.35	2.23	1.35	0.64	0.24	0.06	0.01	0.009	0.008	0.009	0.006	0.002	0	0.001	0	1.44
0.01	0.01	0.01	0.008	0.006	0.002	0.001	0.001	5.17	3.26	2.16	1.3	0.62	0.23	0.06	0.01	0.01	0.009	0.008	0.006	0.002	0.001	0.001	0	1.88
0.01	0.01	0.01	0.008	0.005	0.002	0.001	0.001	5.1	3.18	2.09	1.25	0.6	0.22	0.06	0.01	0.01	0.009	0.008	0.005	0.002	0.001	0.001	0	1.68
0.01	0.009	0.01	0.007	0.005	0.002	0.001	0.001	5.05	3.11	2.03	1.21	0.59	0.22	0.06	0.01	0.009	0.008	0.007	0.005	0.002	0.001	0.001	0	1.51
0.01	0.01	0.01	0.008	0.006	0.002	0.001	0.001	5	3.05	1.98	1.18	0.58	0.22	0.06	0.01	0.01	0.008	0.008	0.006	0.002	0.001	0.001	0	1.33
0.02	0.009	0																						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.72	1.71	0.92	0.4	0.14	0.04	0.01	0	7.23	6.61	6.17	5.68	5.05	4.28	3.34	2.36	1.49	0.8	0.35	0.12	0.03	0.01	0	0	1.64
2.7	1.68	0.89	0.38	0.13	0.04	0.01	0	7.26	6.64	6.2	5.71	5.07	4.28	3.33	2.34	1.46	0.77	0.33	0.12	0.03	0.01	0	0	1.84
2.68	1.64	0.85	0.36	0.12	0.03	0.01	0	7.29	6.67	6.23	5.74	5.09	4.29	3.32	2.31	1.43	0.74	0.31	0.11	0.03	0.01	0	0	1.45
2.65	1.61	0.82	0.33	0.11	0.03		0.001	7.32	6.7	6.26	5.76	5.11	4.29	3.31	2.29	1.39	0.71	0.29	0.09	0.02		0.001	0	1.75
2.62	1.57	0.78	0.31	0.1	0.02		0.004	7.35	6.73	6.29	5.79	5.13	4.29	3.29	2.26	1.35	0.68	0.27	0.08	0.02		0.004	0	1.89
2.59	1.52	0.75	0.29	0.09	0.02		0.003	7.37	6.75	6.31	5.81	5.13	4.29	3.27	2.22	1.32	0.65	0.25	0.07	0.02		0.003	0	1.85
2.54	1.48	0.71	0.26	0.08	0.02		0.003	7.38	6.77	6.32	5.82	5.14	4.27	3.24	2.18	1.27	0.62	0.23	0.07	0.01		0.003	0	1.67
2.5	1.43	0.67	0.25	0.07	0.02		0.003	7.39	6.78	6.32	5.82	5.13	4.25	3.21	2.14	1.23	0.59	0.21	0.06	0.01		0.003	0	1.64
2.45	1.38	0.64	0.23	0.06	0.02		0.002	7.39	6.78	6.33	5.82	5.12	4.23	3.17	2.09	1.19	0.56	0.2	0.06	0.01		0.002	0	1.49
2.4	1.34	0.61	0.21	0.06	0.01		0.003	7.39	6.78	6.32	5.81	5.1	4.2	3.13	2.05	1.15	0.53	0.19	0.05	0.01		0.003	0	1.6
2.35	1.3	0.59	0.2	0.06	0.01		0.002	7.4	6.78	6.32	5.8	5.09	4.17	3.09	2	1.12	0.51	0.17	0.05	0.01		0.002	0	1.35
2.3	1.26	0.56	0.19	0.05			0.002	7.4	6.78	6.32	5.79	5.07	4.14	3.05	1.97	1.09	0.49	0.17	0.05			0.002	0	1.48
2.27	1.23	0.55	0.18	0.05			0.001	7.4	6.77	6.31	5.78	5.05	4.11	3.01	1.93	1.06	0.47	0.16	0.05			0.001	0	1.45
2.23	1.21	0.53	0.18	0.05			0	7.39	6.76	6.3	5.76	5.02	4.08	2.98	1.9	1.04	0.46	0.16	0.04			0	0	0.89
2.2	1.19	0.52	0.18	0.05		0.002	0	7.39	6.75	6.29	5.74	5	4.05	2.95	1.87	1.02	0.45	0.15	0.04		0.002	0	0	1.54
2.18	1.17	0.51	0.18	0.05		0.002	0.001	7.38	6.74	6.28	5.73	4.98	4.03	2.92	1.85	1.01	0.45	0.15	0.04		0.002	0.001	0	1.81
2.16	1.16	0.51	0.18	0.05		0.002	0.001	7.36	6.73	6.26	5.71	4.96	4.01	2.9	1.84	1	0.44	0.15	0.04		0.002	0.001	0	1.73
2.14	1.15	0.51	0.18	0.05		0.002	0.001	7.34	6.71	6.24	5.69	4.94	3.98	2.88	1.82	0.99	0.44	0.15	0.05		0.002	0.001	76.9	1.42
2.13	1.15	0.51	0.18	0.06		0.001	0.001	7.32	6.7	6.23	5.67	4.91	3.96	2.86	1.81	0.98	0.44	0.16	0.05		0.001	0.001	0	1.63
2.12	1.15	0.52	0.19	0.06	0.01	0	0.002	7.3	6.68	6.21	5.65	4.89	3.94	2.84	1.8	0.98	0.45	0.16	0.05	0.01	0	0.002	0	1.5
2.1	1.15	0.53	0.2	0.06	0.01	0.002	0.003	7.29	6.67	6.19	5.63	4.87	3.91	2.82	1.79	0.98	0.45	0.17	0.06	0.01	0.002	0.003	0	1.6
2.09	1.14	0.53	0.21	0.07	0.02	0.005	0.004	7.27	6.65	6.17	5.61	4.85	3.89	2.8	1.77	0.98	0.46	0.18	0.06	0.01	0.005	0.004	0	1.95
2.08	1.15	0.54	0.22	0.08	0.02	0.008	0.005	7.27	6.65	6.17	5.6	4.83	3.86	2.77	1.76	0.98	0.47	0.19	0.07	0.02	0.008	0.005	0	1.39
2.06	1.15	0.56	0.23	0.09	0.03	0.01	0.007	7.26	6.64	6.16	5.59	4.81	3.84	2.75	1.75	0.98	0.48	0.2	0.07	0.02	0.01	0.007	0	1.35
2.05	1.15	0.57	0.24	0.09	0.03	0.01	0.008	7.26	6.63	6.15	5.58	4.79	3.82	2.74	1.74	0.99	0.49	0.21	0.08	0.03	0.01	0.008	0	1.65
2.04	1.16	0.58	0.26	0.1	0.04	0.01	0.009	7.26	6.63	6.15	5.57	4.79	3.81	2.72	1.74	0.99	0.5	0.22	0.09	0.03	0.01	0.009	0	1.65
2.04	1.17	0.59	0.27	0.11	0.04	0.01	0.009	7.25	6.63	6.15	5.57	4.78	3.8	2.72	1.74	1	0.51	0.23	0.09	0.04	0.01	0.009	0	1.43
2.05	1.18	0.61	0.28	0.12	0.05	0.02	0.009	7.25	6.63	6.15	5.57	4.78	3.8	2.72	1.75	1.01	0.53	0.24	0.1	0.04	0.01	0.009	0	1.48
2.06	1.2	0.62	0.29	0.12	0.05	0.02	0.009	7.25	6.63	6.15	5.57	4.79	3.8	2.73	1.76	1.03	0.54	0.25	0.11	0.04	0.01	0.009	0	1.32
2.09	1.22	0.64	0.3	0.13	0.05	0.02	0.008	7.24	6.63	6.15	5.58	4.8	3.82	2.75	1.78	1.05	0.55	0.26	0.11	0.04	0.01	0.008	132.4	1.15
2.12	1.25	0.66	0.31	0.13	0.05	0.02	0.008	7.22	6.62	6.15	5.58	4.81	3.84	2.78	1.81	1.07	0.57	0.27	0.12	0.04	0.01	0.008	100.3	1.45
2.16	1.28	0.69	0.33	0.14	0.05	0.02	0.007	7.19	6.61	6.14	5.58	4.82	3.86	2.81	1.84	1.1	0.59	0.28	0.12	0.05	0.01	0.007	0	1.59
2.2	1.32	0.71	0.35	0.15	0.06	0.02	0.007	7.17	6.6	6.13	5.58	4.83	3.89	2.85	1.88	1.13	0.62	0.3	0.13	0.05	0.01	0.007	0	2.03
2.26	1.36	0.75	0.37	0.16	0.06	0.02	0.006	7.14	6.59	6.13	5.59	4.85	3.93	2.89	1.93	1.17	0.65	0.32	0.14	0.05	0.01	0.006	0	1.73
2.32	1.42	0.79	0.39	0.17	0.06	0.02	0.006	7.12	6.58	6.13	5.6	4.88	3.97	2.95	1.98	1.22	0.68	0.34	0.15	0.06	0.01	0.006	0	1.24
2.4	1.48	0.83	0.42	0.19	0.07	0.02	0.006	7.12	6.58	6.14	5.62	4.92	4.03	3.02	2.05	1.28	0.72	0.37	0.16	0.06	0.02	0.006	0	1.84
2.49	1.56	0.89	0.46	0.21	0.08	0.02	0.006	7.13	6.6	6.16	5.66	4.97	4.09	3.1	2.13	1.34	0.77	0.4	0.18	0.07	0.02	0.006	0	2.34
2.59	1.64	0.95	0.49	0.23	0.09	0.02	0.005	7.16	6.63	6.2	5.7	5.02	4.17	3.18	2.22	1.42	0.82	0.43	0.2	0.08	0.02	0.005	0	2.32
2.69	1.73	1.02	0.54	0.25	0.1	0.03	0.005	7.19	6.66	6.24	5.75	5.09	4.25	3.27	2.31	1.5	0.88	0.47	0.22	0.09	0.02	0.005	0	1.47
2.8	1.83	1.09	0.58	0.28	0.11	0.03	0.005	7.23	6.69	6.28	5.8	5.15	4.33	3.36	2.4	1.58	0.94	0.51	0.24	0.1	0.03	0.005	0	2.08
2.9	1.92	1.16	0.63	0.3	0.12	0.03	0.006	7.26	6.72	6.31	5.84	5.21	4.4	3.45	2.49	1.66	1	0.55	0.27	0.11	0.03	0.006	0	2.35
3.01	2.02	1.23	0.68	0.33	0.14	0.04	0.007	7.28	6.75	6.34	5.88	5.26	4.47	3.54	2.59	1.74	1.07	0.59	0.29	0.12	0.03	0.007	0	2.11
3.11	2.11	1.31	0.73	0.36	0.15	0.04	0.007	7.3	6.77	6.36	5.91	5.31	4.54	3.62	2.68	1.83	1.14	0.63	0.31	0.13	0.04	0.007	0	1.6
3.22	2.21	1.39	0.78	0.39	0.16	0.05	0.009	7.31	6.78	6.38	5.94	5.35	4.6	3.7	2.77	1.91	1.21	0.68	0.34	0.14	0.04	0.009	0	1.89
3.31	2.31	1.47	0.84	0.43	0.18	0.06	0.01	7.31	6.79	6.4	5.96	5.38	4.66	3.78	2.85	2	1.28	0.73	0.37	0.16	0.05	0.01	0	2.04
3.41	2.41	1.56	0.9	0.46	0.2	0.07	0.01	7.31	6.79	6.4	5.97	5.41	4.71	3.85	2.94	2.08	1.35	0.79	0.41	0.17	0.06	0.01	81.4	1.7
3.51	2.51	1.64	0.97	0.5	0.22	0.07	0.01	7.31	6.79	6.41	5.98	5.44	4.76	3.92	3.02	2.17	1.43	0.84	0.44	0.19	0.06	0.01	0	1.66
3.6	2.61	1.73	1.03	0.55	0.24	0.08	0.01	7.31	6.78	6.41	5.99	5.46	4.8	3.98	3.1	2.25	1.51	0.9	0.48	0.21	0.07	0.01	0	1.74
3.69	2.71	1.83	1.11	0.59	0.27	0.09	0.01	7.31	6.78	6.42	6	5.48	4.84	4.04	3.18	2.34	1.59	0.96	0.52	0.23	0.08	0.01	0	1.65
3.78	2.81	1.92	1.18	0.64	0.29	0.1	0.02	7.31	6.78	6.42	6.01	5.51	4.87	4.1	3.26	2.43	1.67	1.03	0.56	0.26	0.09	0.01	0	1.52
3.87	2.91	2.02	1.26	0.69	0.32	0.12	0.02	7.31	6.78	6.42	6.02	5.52	4.91	4.15	3.33	2.51	1.75	1.1	0.61	0.28	0.1	0.02	0	1.62
3.95	3.01	2.12	1.35	0.75	0.36	0.13	0.03	7.3	6.78	6.42	6.02	5.53	4.93	4.2	3.4	2.6	1.84	1.17	0.66	0.31	0.11	0.02	60.9	1.38
4.04	3.11	2.23	1.44	0.82	0.39	0.15	0.03	7.29	6.78	6.41	6.02	5.54	4.96	4.25	3.47	2.68	1.93	1.25	0.71	0.34	0.13	0.02	0	1.16
4.12	3.21	2.33	1.53	0.88	0.43	0.17	0.04	7.28	6.78	6.41	6.02	5.54	4.97	4.29	3.54	2.76	2.01	1.33	0.77	0.38	0.14	0.03	0	1.64
4.19	3.3	2.43	1.62	0.95	0.48	0.19	0.04	7.26	6.77	6.4	6.01	5.54	4.99	4.32										

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
4.11	3.48	2.88	2.28	1.68	1.1	0.62	0.25	6.47	6.02	5.69	5.34	4.92	4.45	3.94	3.42	2.91	2.41	1.92	1.42	0.94	0.53	0.22	0	2.43
4.1	3.48	2.88	2.28	1.68	1.11	0.62	0.26	6.45	6.01	5.67	5.33	4.91	4.45	3.94	3.42	2.91	2.41	1.91	1.42	0.94	0.53	0.22	0	2.27
4.1	3.48	2.87	2.28	1.68	1.11	0.63	0.26	6.44	6.01	5.67	5.32	4.91	4.44	3.94	3.42	2.91	2.41	1.92	1.42	0.94	0.54	0.23	0	2.22
4.09	3.48	2.87	2.27	1.69	1.11	0.63	0.27	6.44	6	5.66	5.31	4.9	4.44	3.94	3.42	2.91	2.41	1.91	1.43	0.95	0.54	0.23	0	1.78
4.09	3.48	2.87	2.27	1.69	1.12	0.64	0.27	6.43	6	5.66	5.31	4.9	4.44	3.94	3.42	2.91	2.41	1.91	1.43	0.95	0.55	0.23	0	1.84
4.09	3.48	2.87	2.27	1.69	1.12	0.64	0.28	6.43	6	5.65	5.31	4.9	4.44	3.94	3.42	2.91	2.41	1.91	1.43	0.95	0.55	0.24	0	2.16
4.09	3.47	2.87	2.27	1.69	1.13	0.65	0.28	6.42	5.99	5.65	5.31	4.9	4.44	3.93	3.42	2.91	2.41	1.91	1.43	0.96	0.55	0.24	0	2.11
4.09	3.47	2.87	2.27	1.69	1.13	0.65	0.28	6.4	5.98	5.64	5.3	4.89	4.43	3.93	3.41	2.9	2.4	1.91	1.43	0.96	0.56	0.24	0	1.8
4.09	3.47	2.86	2.27	1.69	1.13	0.66	0.29	6.39	5.96	5.63	5.29	4.89	4.42	3.92	3.41	2.9	2.4	1.91	1.43	0.96	0.56	0.25	0	1.37
4.08	3.46	2.86	2.27	1.69	1.14	0.66	0.29	6.37	5.95	5.62	5.28	4.88	4.42	3.92	3.4	2.89	2.4	1.91	1.43	0.96	0.56	0.25	0	2.03
4.08	3.46	2.86	2.27	1.69	1.14	0.66	0.29	6.35	5.94	5.6	5.27	4.87	4.41	3.91	3.4	2.89	2.39	1.91	1.43	0.97	0.57	0.25	0	2.16
4.07	3.45	2.85	2.26	1.69	1.14	0.67	0.3	6.33	5.92	5.59	5.26	4.86	4.4	3.9	3.39	2.88	2.38	1.9	1.43	0.97	0.57	0.25	0	1.72
4.06	3.44	2.84	2.26	1.69	1.14	0.67	0.3	6.3	5.9	5.57	5.24	4.84	4.38	3.89	3.38	2.87	2.38	1.9	1.42	0.97	0.57	0.26	0	1.31
4.05	3.44	2.84	2.25	1.69	1.14	0.67	0.3	6.28	5.88	5.55	5.23	4.83	4.37	3.88	3.37	2.86	2.37	1.89	1.42	0.97	0.57	0.26	0	1.96
4.04	3.43	2.83	2.25	1.68	1.14	0.68	0.31	6.25	5.86	5.53	5.21	4.81	4.36	3.86	3.35	2.85	2.36	1.88	1.42	0.97	0.58	0.26	0	2.1
4.03	3.42	2.82	2.24	1.68	1.14	0.68	0.31	6.22	5.85	5.51	5.19	4.79	4.34	3.85	3.34	2.84	2.35	1.87	1.41	0.97	0.58	0.26	0	2.05
4.02	3.41	2.81	2.23	1.68	1.14	0.68	0.31	6.2	5.83	5.49	5.17	4.78	4.33	3.84	3.33	2.83	2.34	1.87	1.41	0.97	0.58	0.27	161	1.64
4.01	3.4	2.8	2.22	1.67	1.15	0.69	0.32	6.17	5.8	5.47	5.16	4.76	4.31	3.82	3.32	2.82	2.33	1.86	1.41	0.97	0.58	0.27	0	1.46
4	3.39	2.79	2.22	1.67	1.15	0.69	0.32	6.14	5.78	5.46	5.14	4.75	4.3	3.81	3.31	2.81	2.32	1.85	1.4	0.97	0.59	0.27	0	1.7
3.99	3.38	2.78	2.21	1.67	1.15	0.7	0.32	6.12	5.76	5.44	5.12	4.73	4.29	3.8	3.29	2.8	2.31	1.85	1.4	0.97	0.59	0.28	0	1.37
3.98	3.37	2.77	2.21	1.67	1.16	0.7	0.33	6.11	5.74	5.43	5.11	4.72	4.28	3.79	3.29	2.79	2.3	1.84	1.4	0.98	0.59	0.28	0	1.59
3.97	3.36	2.76	2.2	1.67	1.16	0.71	0.33	6.09	5.72	5.41	5.1	4.71	4.27	3.78	3.28	2.78	2.29	1.84	1.4	0.98	0.6	0.28	0	1.98
3.97	3.35	2.76	2.2	1.67	1.16	0.71	0.34	6.08	5.7	5.4	5.09	4.7	4.26	3.77	3.27	2.77	2.29	1.83	1.4	0.98	0.6	0.29	0	1.79
3.96	3.35	2.75	2.19	1.67	1.17	0.71	0.34	6.07	5.68	5.39	5.08	4.69	4.25	3.76	3.26	2.76	2.28	1.83	1.4	0.98	0.6	0.29	0	1.53
3.95	3.34	2.74	2.19	1.67	1.17	0.72	0.34	6.05	5.66	5.37	5.06	4.67	4.24	3.75	3.25	2.75	2.27	1.82	1.39	0.98	0.61	0.29	0	2.03
3.94	3.33	2.74	2.18	1.66	1.17	0.72	0.34	6.03	5.63	5.35	5.05	4.66	4.22	3.74	3.24	2.75	2.27	1.81	1.39	0.98	0.61	0.29	0	1.69
3.93	3.32	2.73	2.17	1.66	1.17	0.72	0.35	6.01	5.61	5.33	5.03	4.64	4.21	3.73	3.23	2.73	2.26	1.81	1.39	0.98	0.61	0.29	0	1.44
3.91	3.3	2.72	2.16	1.65	1.17	0.72	0.35	5.98	5.59	5.31	5.01	4.62	4.19	3.71	3.21	2.72	2.25	1.8	1.38	0.98	0.61	0.29	0	1.83
3.9	3.29	2.7	2.15	1.65	1.17	0.72	0.35	5.94	5.56	5.28	4.98	4.6	4.17	3.69	3.2	2.71	2.23	1.79	1.37	0.98	0.61	0.29	0	1.55
3.88	3.27	2.69	2.14	1.64	1.16	0.72	0.34	5.91	5.53	5.26	4.96	4.58	4.15	3.67	3.18	2.69	2.22	1.78	1.37	0.98	0.61	0.29	213	1.44
3.86	3.26	2.68	2.13	1.63	1.16	0.72	0.34	5.88	5.51	5.23	4.93	4.56	4.13	3.66	3.17	2.68	2.21	1.77	1.36	0.97	0.61	0.29	0	1.7
3.84	3.24	2.66	2.12	1.63	1.16	0.72	0.34	5.85	5.48	5.21	4.91	4.54	4.11	3.64	3.15	2.67	2.2	1.76	1.36	0.97	0.61	0.29	0	1.83
3.83	3.23	2.65	2.12	1.62	1.16	0.72	0.34	5.82	5.46	5.19	4.89	4.52	4.1	3.63	3.14	2.66	2.19	1.76	1.36	0.97	0.61	0.29	0	1.4
3.81	3.22	2.64	2.11	1.62	1.16	0.72	0.35	5.81	5.45	5.17	4.88	4.51	4.09	3.62	3.13	2.65	2.18	1.75	1.35	0.97	0.61	0.29	0	1.67
3.79	3.2	2.63	2.1	1.61	1.16	0.72	0.35	5.8	5.43	5.16	4.87	4.5	4.08	3.61	3.13	2.65	2.18	1.75	1.35	0.97	0.61	0.3	0	1.62
3.78	3.19	2.62	2.1	1.61	1.16	0.72	0.35	5.79	5.43	5.15	4.86	4.49	4.07	3.6	3.12	2.64	2.18	1.75	1.35	0.98	0.61	0.3	0	1.39
3.77	3.18	2.61	2.09	1.61	1.16	0.72	0.35	5.78	5.43	5.15	4.86	4.49	4.07	3.6	3.12	2.64	2.18	1.75	1.35	0.98	0.62	0.3	0	1.22
3.75	3.17	2.6	2.08	1.6	1.15	0.72	0.35	5.78	5.43	5.14	4.86	4.48	4.06	3.6	3.12	2.64	2.18	1.75	1.35	0.98	0.62	0.3	0	1.61
3.74	3.15	2.59	2.08	1.6	1.15	0.72	0.35	5.78	5.43	5.14	4.86	4.48	4.06	3.6	3.12	2.64	2.18	1.75	1.36	0.98	0.62	0.3	0	1.37
3.72	3.14	2.59	2.07	1.59	1.15	0.72	0.35	5.78	5.44	5.14	4.86	4.48	4.06	3.6	3.12	2.64	2.18	1.75	1.36	0.98	0.62	0.31	0	1.77
3.71	3.13	2.58	2.06	1.59	1.15	0.72	0.35	5.78	5.44	5.14	4.86	4.49	4.07	3.6	3.12	2.64	2.18	1.75	1.36	0.98	0.62	0.31	0	1.56
3.7	3.12	2.57	2.06	1.59	1.14	0.72	0.35	5.79	5.45	5.15	4.86	4.49	4.07	3.6	3.12	2.65	2.18	1.76	1.36	0.98	0.62	0.3	0	0.95
3.68	3.11	2.56	2.05	1.58	1.14	0.72	0.35	5.79	5.46	5.16	4.87	4.5	4.08	3.61	3.13	2.65	2.19	1.76	1.36	0.98	0.62	0.3	0	1.96
3.67	3.1	2.55	2.05	1.58	1.13	0.71	0.34	5.81	5.46	5.17	4.88	4.5	4.08	3.62	3.13	2.65	2.19	1.76	1.36	0.98	0.62	0.3	0	1.9
3.66	3.09	2.55	2.04	1.57	1.13	0.71	0.34	5.82	5.47	5.18	4.88	4.51	4.09	3.62	3.14	2.66	2.19	1.76	1.37	0.98	0.62	0.3	0	1.6
3.65	3.08	2.54	2.03	1.57	1.12	0.7	0.33	5.83	5.48	5.19	4.89	4.52	4.1	3.63	3.14	2.66	2.2	1.77	1.37	0.98	0.61	0.29	0	1.41
3.64	3.08	2.53	2.03	1.56	1.11	0.69	0.32	5.85	5.48	5.2	4.9	4.53	4.11	3.64	3.15	2.67	2.2	1.77	1.37	0.98	0.61	0.29	0	1.61
3.63	3.07	2.53	2.02	1.56	1.11	0.69	0.32	5.87	5.49	5.22	4.91	4.54	4.12	3.65	3.16	2.67	2.2	1.77	1.37	0.98	0.61	0.28	0	1.66
3.63	3.07	2.53	2.02	1.56	1.11	0.68	0.31	5.89	5.5	5.24	4.93	4.56	4.13	3.66	3.17	2.68	2.21	1.78	1.37	0.98	0.6	0.28	0	1.52
3.63	3.07	2.53	2.02	1.56	1.1	0.68	0.31	5.91	5.52	5.26	4.95	4.58	4.15	3.67	3.18	2.69	2.22	1.79	1.38	0.98	0.6	0.27	0	1.56
3.63	3.07	2.53	2.03	1.56	1.1	0.67	0.3	5.94	5.55	5.28	4.97	4.6	4.17	3.69	3.2	2.71	2.24	1.8	1.39	0.98	0.6	0.27	0	1.82
3.64	3.08	2.54	2.04	1.57	1.11	0.67	0.3	5.98	5.57	5.31	5	4.62	4.19	3.71	3.22	2.73	2.26	1.81	1.4	0.99	0.6	0.27	60.9	1.86
3.65	3.1	2.56	2.05	1.58	1.11	0.68	0.3	6.02	5.61	5.35	5.04	4.66	4.22	3.74	3.25	2.75	2.28	1.83	1.41	1	0.61	0.27	0	1.71
3.67	3.11	2.57	2.07	1.59	1.12	0.68	0.3	6.07	5.65	5.39	5.07	4.7	4.25	3.77	3.27	2.78	2.3	1.85	1.43	1	0.61	0.27	0	1.5
3.68	3.12	2.59	2.08	1.6	1.																			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.72	3.18	2.64	2.09	1.52	0.95	0.49	0.18	6.22	5.83	5.53	5.21	4.83	4.39	3.91	3.41	2.92	2.42	1.92	1.39	0.87	0.45	0.16	0	2.11
3.72	3.18	2.64	2.09	1.51	0.94	0.48	0.17	6.22	5.81	5.52	5.2	4.82	4.39	3.91	3.41	2.91	2.42	1.91	1.38	0.86	0.44	0.16	137.5	1.75
3.72	3.18	2.64	2.08	1.5	0.93	0.47	0.17	6.2	5.8	5.5	5.19	4.81	4.38	3.9	3.4	2.91	2.41	1.9	1.37	0.85	0.43	0.15	0	1.83
3.72	3.18	2.64	2.07	1.48	0.91	0.46	0.16	6.19	5.77	5.49	5.17	4.8	4.36	3.89	3.39	2.9	2.41	1.89	1.35	0.83	0.42	0.15	0	2.07
3.72	3.18	2.63	2.06	1.47	0.9	0.45	0.16	6.16	5.75	5.46	5.15	4.78	4.34	3.87	3.38	2.89	2.4	1.87	1.34	0.82	0.41	0.14	0	2.08
3.71	3.17	2.62	2.04	1.45	0.88	0.44	0.15	6.13	5.71	5.44	5.12	4.75	4.32	3.86	3.37	2.88	2.38	1.86	1.32	0.8	0.4	0.14	0	1.9
3.7	3.16	2.61	2.03	1.43	0.87	0.43	0.15	6.09	5.68	5.41	5.09	4.73	4.3	3.84	3.35	2.86	2.36	1.84	1.3	0.79	0.39	0.13	0	1.33
3.7	3.16	2.6	2.01	1.41	0.85	0.41	0.14	6.06	5.64	5.37	5.06	4.7	4.27	3.82	3.33	2.85	2.35	1.81	1.28	0.77	0.37	0.13	0	2
3.69	3.15	2.59	1.99	1.39	0.83	0.4	0.14	6.02	5.61	5.34	5.03	4.67	4.25	3.8	3.32	2.83	2.33	1.79	1.25	0.75	0.36	0.12	0	2.11
3.69	3.14	2.58	1.97	1.37	0.81	0.39	0.13	5.98	5.57	5.31	5	4.64	4.23	3.78	3.3	2.82	2.31	1.77	1.23	0.73	0.35	0.12	0	2.09
3.68	3.14	2.57	1.96	1.35	0.79	0.38	0.13	5.95	5.54	5.27	4.97	4.61	4.21	3.76	3.29	2.8	2.29	1.75	1.21	0.71	0.34	0.11	0	1.47
3.68	3.13	2.55	1.94	1.33	0.77	0.37	0.12	5.91	5.52	5.24	4.94	4.59	4.19	3.74	3.27	2.79	2.27	1.73	1.19	0.69	0.33	0.11	0	1.86
3.67	3.12	2.54	1.92	1.31	0.75	0.35	0.12	5.88	5.49	5.21	4.92	4.56	4.17	3.73	3.25	2.77	2.26	1.71	1.16	0.67	0.32	0.1	0	2.07
3.66	3.11	2.53	1.9	1.28	0.74	0.34	0.11	5.85	5.46	5.18	4.89	4.54	4.14	3.71	3.24	2.75	2.24	1.69	1.14	0.65	0.31	0.1	0	2.07
3.65	3.1	2.51	1.88	1.26	0.71	0.33	0.11	5.82	5.43	5.15	4.86	4.51	4.12	3.69	3.22	2.73	2.22	1.67	1.12	0.63	0.29	0.1	0	1.72
3.64	3.08	2.49	1.86	1.23	0.69	0.32	0.1	5.78	5.4	5.11	4.83	4.49	4.1	3.67	3.2	2.71	2.19	1.64	1.09	0.61	0.28	0.09	0	1.33
3.63	3.07	2.47	1.83	1.2	0.67	0.3	0.1	5.75	5.37	5.09	4.81	4.46	4.08	3.65	3.18	2.69	2.17	1.62	1.06	0.59	0.27	0.09	0	1.81
3.61	3.05	2.45	1.81	1.17	0.65	0.29	0.09	5.72	5.35	5.06	4.78	4.44	4.06	3.63	3.17	2.68	2.15	1.59	1.04	0.57	0.26	0.08	0	1.76
3.6	3.03	2.43	1.78	1.14	0.62	0.27	0.09	5.7	5.32	5.04	4.76	4.42	4.04	3.61	3.15	2.66	2.13	1.56	1.01	0.55	0.24	0.08	0	1.61
3.58	3.01	2.4	1.74	1.11	0.6	0.26	0.08	5.68	5.31	5.02	4.74	4.41	4.03	3.6	3.14	2.64	2.1	1.53	0.98	0.53	0.23	0.07	0	1.33
3.57	3	2.37	1.71	1.07	0.57	0.24	0.08	5.67	5.3	5.01	4.73	4.4	4.02	3.59	3.13	2.63	2.08	1.5	0.95	0.5	0.21	0.07	0	1.62
3.56	2.98	2.35	1.67	1.04	0.54	0.23	0.07	5.67	5.29	5	4.72	4.39	4.01	3.58	3.12	2.61	2.06	1.47	0.92	0.48	0.2	0.06	0	1.73
3.55	2.96	2.32	1.64	1	0.52	0.21	0.06	5.66	5.29	4.99	4.72	4.38	4.01	3.58	3.11	2.6	2.04	1.45	0.89	0.46	0.19	0.06	0	1.35
3.54	2.95	2.29	1.6	0.97	0.49	0.2	0.06	5.66	5.28	4.99	4.72	4.38	4	3.58	3.11	2.59	2.02	1.42	0.86	0.44	0.17	0.05	0	1.47
3.53	2.93	2.27	1.57	0.94	0.47	0.19	0.05	5.66	5.28	4.99	4.72	4.38	4	3.57	3.1	2.58	2	1.39	0.83	0.42	0.16	0.05	0	1.72
3.52	2.92	2.25	1.54	0.91	0.45	0.18	0.05	5.66	5.28	4.99	4.72	4.38	4	3.58	3.1	2.57	1.98	1.37	0.81	0.4	0.15	0.04	0	1.66
3.51	2.91	2.23	1.52	0.89	0.43	0.17	0.05	5.66	5.27	4.99	4.72	4.38	4	3.58	3.1	2.57	1.97	1.35	0.79	0.39	0.15	0.04	0	1.66
3.5	2.9	2.21	1.5	0.87	0.42	0.16	0.05	5.66	5.27	4.99	4.72	4.38	4.01	3.58	3.1	2.56	1.96	1.33	0.77	0.37	0.14	0.04	0	1.73
3.5	2.89	2.2	1.48	0.85	0.41	0.15	0.05	5.66	5.27	4.99	4.72	4.39	4.01	3.58	3.1	2.56	1.95	1.32	0.76	0.36	0.14	0.04	0	1.94
3.49	2.87	2.18	1.46	0.84	0.4	0.15	0.04	5.66	5.27	4.99	4.72	4.38	4.01	3.58	3.1	2.56	1.94	1.31	0.75	0.35	0.13	0.04	0	1.65
3.47	2.86	2.17	1.45	0.83	0.39	0.14	0.04	5.66	5.27	5	4.72	4.39	4.01	3.58	3.1	2.55	1.94	1.3	0.74	0.35	0.13	0.04	0	1.35
3.46	2.85	2.15	1.44	0.82	0.38	0.14	0.04	5.66	5.27	4.99	4.72	4.38	4	3.57	3.09	2.54	1.93	1.29	0.73	0.34	0.12	0.04	0	1.91
3.45	2.83	2.14	1.43	0.81	0.37	0.13	0.04	5.66	5.26	4.99	4.72	4.38	4	3.57	3.09	2.54	1.92	1.28	0.73	0.34	0.12	0.04	0	1.95
3.43	2.82	2.12	1.41	0.8	0.37	0.13	0.04	5.65	5.26	4.99	4.72	4.38	4	3.57	3.08	2.53	1.91	1.27	0.72	0.33	0.12	0.04	0	1.44
3.41	2.8	2.11	1.4	0.79	0.36	0.13	0.04	5.65	5.26	4.99	4.71	4.38	4	3.56	3.08	2.53	1.9	1.27	0.71	0.33	0.11	0.03	0	1.4
3.4	2.79	2.1	1.39	0.78	0.36	0.12	0.04	5.64	5.25	4.99	4.71	4.37	3.99	3.56	3.07	2.52	1.9	1.26	0.71	0.32	0.11	0.03	0	2
3.38	2.77	2.08	1.38	0.77	0.35	0.12	0.04	5.64	5.25	4.98	4.7	4.37	3.99	3.55	3.07	2.51	1.89	1.25	0.7	0.32	0.11	0.03	0	2.06
3.37	2.76	2.07	1.37	0.76	0.34	0.12	0.04	5.63	5.24	4.98	4.7	4.36	3.98	3.55	3.06	2.51	1.88	1.25	0.69	0.31	0.1	0.03	0	1.93
3.35	2.74	2.05	1.36	0.75	0.34	0.11	0.03	5.63	5.23	4.97	4.69	4.36	3.98	3.54	3.05	2.5	1.87	1.24	0.69	0.3	0.1	0.03	0	1.66
3.33	2.72	2.04	1.34	0.74	0.33	0.11	0.03	5.62	5.22	4.96	4.69	4.35	3.97	3.54	3.05	2.49	1.86	1.23	0.68	0.3	0.1	0.03	0	1.88
3.31	2.7	2.02	1.33	0.73	0.32	0.1	0.03	5.61	5.21	4.96	4.68	4.34	3.96	3.53	3.04	2.48	1.85	1.22	0.67	0.29	0.09	0.03	0	2.05
3.29	2.68	2	1.31	0.72	0.32	0.1	0.03	5.6	5.2	4.95	4.66	4.33	3.95	3.51	3.02	2.47	1.84	1.21	0.66	0.29	0.09	0.03	0	1.98
3.26	2.66	1.98	1.3	0.71	0.31	0.1	0.03	5.6	5.19	4.94	4.65	4.32	3.94	3.51	3.01	2.45	1.83	1.2	0.65	0.28	0.09	0.02	0	1.41
3.24	2.64	1.96	1.28	0.7	0.3	0.1	0.03	5.59	5.18	4.94	4.64	4.32	3.94	3.5	3	2.44	1.81	1.18	0.65	0.28	0.09	0.02	0	1.93
3.22	2.62	1.94	1.27	0.7	0.3	0.1	0.03	5.59	5.18	4.94	4.64	4.31	3.93	3.49	2.99	2.43	1.8	1.17	0.64	0.27	0.09	0.02	0	2.06
3.2	2.6	1.92	1.25	0.69	0.29	0.1	0.03	5.6	5.18	4.94	4.64	4.31	3.93	3.49	2.99	2.42	1.79	1.16	0.63	0.27	0.09	0.02	0	2.06
3.18	2.58	1.9	1.24	0.68	0.29	0.09	0.02	5.6	5.18	4.94	4.64	4.31	3.93	3.48	2.98	2.41	1.78	1.15	0.63	0.27	0.08	0.02	0	1.66
3.16	2.55	1.88	1.22	0.66	0.28	0.09	0.02	5.61	5.19	4.94	4.64	4.31	3.93	3.48	2.97	2.4	1.76	1.14	0.62	0.26	0.08	0.02	0	1.64
3.14	2.53	1.86	1.2	0.65	0.28	0.09	0.02	5.61	5.2	4.94	4.65	4.32	3.93	3.48	2.97	2.39	1.75	1.12	0.61	0.26	0.08	0.02	0	1.87
3.12	2.51	1.84	1.18	0.64	0.27	0.09	0.02	5.62	5.2	4.94	4.65	4.32	3.93	3.48	2.96	2.37	1.74	1.11	0.6	0.25	0.08	0.02	0	2.04
3.1	2.49	1.82	1.16	0.62	0.26	0.09	0.02	5.62	5.21	4.94	4.65	4.32	3.93	3.47	2.95	2.36	1.72	1.1	0.59	0.25	0.08	0.02	0	1.73
3.08	2.47	1.79	1.14	0.61	0.26	0.08	0.02	5.62	5.22	4.94	4.65	4.32	3.92	3.47	2.94	2.35	1.7	1.08	0.57	0.24	0.08	0.02	0	1.54
3.06	2.44	1.77	1.12	0.6	0.25	0.08	0.02	5.63	5.24	4.95	4.67	4.32	3.93	3.47	2.94	2.34	1.69	1.07	0.56	0.23	0.07	0.02	0	1.75
3.04	2.42	1.74	1.1	0.58	0.24	0.08	0.02	5.64	5.25	4.95	4.67	4.33	3.93	3.47	2.93	2.33	1.67	1.05	0.55	0.23	0.07	0.01	0	1.68
3.02	2.4	1.72	1.08	0.57	0.24	0.08	0.02	5.65																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.79	2.06	1.35	0.75	0.34	0.12	0.03	0.003	6.03	5.61	5.31	4.99	4.59	4.12	3.53	2.84	2.09	1.36	0.75	0.34	0.12	0.03	0.003	0	1.82
2.8	2.06	1.35	0.74	0.34	0.12	0.03	0.002	6.06	5.63	5.33	5.01	4.61	4.13	3.54	2.84	2.09	1.36	0.74	0.33	0.12	0.03	0.002	0	1.98
2.8	2.06	1.34	0.74	0.34	0.12	0.03	0.002	6.08	5.65	5.35	5.03	4.63	4.14	3.55	2.85	2.09	1.35	0.74	0.33	0.12	0.03	0.002	0	1.84
2.81	2.07	1.34	0.74	0.34	0.12	0.03	0.003	6.1	5.67	5.37	5.04	4.64	4.15	3.55	2.85	2.08	1.35	0.74	0.34	0.12	0.03	0.003	0	1.49
2.82	2.07	1.35	0.74	0.34	0.13	0.03	0.005	6.12	5.69	5.39	5.06	4.65	4.16	3.56	2.85	2.08	1.35	0.74	0.34	0.13	0.03	0.005	0	1.8
2.83	2.08	1.35	0.75	0.35	0.13	0.04	0.008	6.13	5.71	5.4	5.07	4.67	4.17	3.56	2.85	2.08	1.35	0.74	0.35	0.13	0.04	0.008	0	1.91
2.83	2.08	1.35	0.75	0.36	0.14	0.04	0.009	6.14	5.72	5.41	5.08	4.67	4.17	3.56	2.84	2.08	1.35	0.74	0.35	0.14	0.04	0.009	0	1.82
2.84	2.08	1.35	0.75	0.36	0.14	0.05	0.01	6.16	5.74	5.42	5.09	4.68	4.17	3.56	2.84	2.08	1.34	0.75	0.35	0.14	0.04	0.01	0	1.89
2.84	2.08	1.35	0.76	0.36	0.15	0.05	0.01	6.17	5.74	5.42	5.09	4.68	4.17	3.55	2.83	2.07	1.34	0.74	0.36	0.14	0.05	0.01	0	1.78
2.85	2.08	1.35	0.76	0.36	0.15	0.05	0.01	6.17	5.74	5.42	5.09	4.68	4.17	3.54	2.82	2.06	1.33	0.74	0.36	0.14	0.05	0.01	0	1.54
2.85	2.08	1.35	0.76	0.37	0.15	0.05	0.01	6.18	5.74	5.42	5.09	4.68	4.16	3.53	2.81	2.04	1.32	0.74	0.36	0.14	0.05	0.01	0	1.53
2.85	2.08	1.34	0.76	0.37	0.15	0.05	0.01	6.18	5.73	5.42	5.09	4.67	4.16	3.52	2.79	2.03	1.31	0.74	0.36	0.15	0.05	0.01	0	1.67
2.85	2.07	1.34	0.76	0.37	0.15	0.05	0.01	6.18	5.73	5.42	5.09	4.67	4.15	3.51	2.77	2.01	1.3	0.73	0.36	0.15	0.05	0.01	0	1.77
2.85	2.06	1.34	0.76	0.37	0.15	0.05	0.01	6.18	5.73	5.42	5.09	4.67	4.15	3.5	2.76	1.99	1.29	0.73	0.36	0.15	0.05	0.01	0	1.45
2.84	2.05	1.33	0.75	0.37	0.16	0.05	0.01	6.18	5.73	5.42	5.09	4.66	4.14	3.48	2.73	1.97	1.28	0.72	0.36	0.15	0.05	0.01	0	1.44
2.84	2.04	1.32	0.75	0.37	0.16	0.05	0.01	6.18	5.73	5.42	5.09	4.66	4.13	3.47	2.71	1.95	1.26	0.71	0.36	0.15	0.05	0.01	0	1.74
2.83	2.03	1.3	0.74	0.37	0.16	0.06	0.01	6.19	5.74	5.43	5.09	4.67	4.13	3.46	2.69	1.92	1.24	0.7	0.35	0.15	0.05	0.01	0	1.9
2.83	2.01	1.29	0.73	0.37	0.15	0.05	0.01	6.19	5.74	5.43	5.1	4.67	4.13	3.44	2.67	1.9	1.22	0.69	0.35	0.15	0.05	0.01	0	1.69
2.82	2	1.27	0.71	0.36	0.15	0.05	0.01	6.2	5.76	5.45	5.11	4.68	4.13	3.43	2.65	1.87	1.19	0.67	0.34	0.14	0.05	0.01	0	1.02
2.83	1.98	1.25	0.7	0.35	0.14	0.05	0.01	6.21	5.77	5.46	5.12	4.69	4.13	3.43	2.63	1.85	1.17	0.66	0.33	0.14	0.05	0.01	0	1.66
2.83	1.97	1.24	0.69	0.34	0.14	0.05	0.01	6.23	5.78	5.47	5.13	4.7	4.14	3.42	2.62	1.83	1.15	0.64	0.32	0.13	0.04	0.01	0	1.91
2.83	1.97	1.22	0.67	0.33	0.13	0.04	0.01	6.24	5.8	5.49	5.14	4.71	4.14	3.42	2.6	1.81	1.13	0.62	0.31	0.12	0.04	0.01	0	1.65
2.84	1.96	1.21	0.66	0.32	0.13	0.04	0.009	6.25	5.81	5.5	5.16	4.72	4.14	3.42	2.6	1.8	1.11	0.61	0.3	0.12	0.04	0.009	0	1.73
2.85	1.96	1.2	0.65	0.31	0.12	0.04	0.008	6.26	5.82	5.51	5.17	4.73	4.15	3.41	2.59	1.79	1.1	0.6	0.28	0.11	0.03	0.008	0	1.49
2.87	1.96	1.2	0.64	0.3	0.12	0.03	0.006	6.27	5.83	5.52	5.17	4.73	4.15	3.41	2.58	1.77	1.09	0.58	0.27	0.11	0.03	0.006	0	1.93
2.88	1.97	1.19	0.63	0.29	0.11	0.03	0.004	6.28	5.83	5.52	5.18	4.73	4.15	3.41	2.58	1.77	1.08	0.57	0.26	0.1	0.03	0.004	0	1.69
2.9	1.97	1.19	0.62	0.27	0.1	0.02	0.002	6.28	5.83	5.52	5.18	4.73	4.15	3.4	2.57	1.76	1.07	0.56	0.25	0.09	0.02	0.002	0	1.49
2.92	1.98	1.19	0.62	0.26	0.1	0.02	0.001	6.27	5.83	5.52	5.18	4.73	4.14	3.4	2.57	1.75	1.06	0.55	0.24	0.09	0.02	0.001	0	1.7
2.95	2	1.2	0.62	0.26	0.09	0.02	0.001	6.27	5.83	5.51	5.17	4.73	4.14	3.4	2.57	1.76	1.06	0.55	0.23	0.08	0.01	0.001	0	1.23
2.98	2.03	1.22	0.62	0.26	0.09	0.02	0.002	6.26	5.82	5.5	5.17	4.72	4.14	3.4	2.57	1.76	1.07	0.55	0.23	0.08	0.01	0.002	147.2	1.64
3.01	2.05	1.23	0.63	0.25	0.08	0.01	0.002	6.25	5.8	5.49	5.15	4.71	4.13	3.4	2.58	1.77	1.07	0.55	0.22	0.07	0.01	0.002	0	1.61
3.05	2.09	1.25	0.63	0.26	0.08	0.01	0.002	6.23	5.79	5.47	5.14	4.7	4.13	3.4	2.59	1.78	1.08	0.55	0.22	0.07	0.01	0.002	0	1.51
3.08	2.12	1.27	0.64	0.26	0.08	0.01	0.002	6.19	5.76	5.45	5.12	4.68	4.11	3.4	2.59	1.79	1.09	0.55	0.22	0.07	0.01	0.002	0	1.67
3.12	2.15	1.3	0.65	0.26	0.08	0.01	0.003	6.16	5.73	5.42	5.09	4.65	4.1	3.39	2.6	1.8	1.1	0.56	0.22	0.07	0.01	0.003	0	1.86
3.16	2.18	1.32	0.66	0.26	0.08	0.01	0.003	6.11	5.69	5.38	5.06	4.62	4.08	3.39	2.6	1.81	1.11	0.56	0.23	0.07	0.01	0.003	0	1.78
3.2	2.22	1.35	0.68	0.27	0.08	0.01	0.003	6.07	5.64	5.34	5.02	4.59	4.06	3.38	2.61	1.83	1.12	0.57	0.23	0.07	0.01	0.003	0	1.85
3.23	2.25	1.37	0.69	0.27	0.08	0.01	0.003	6.01	5.6	5.3	4.98	4.56	4.04	3.37	2.61	1.84	1.13	0.58	0.23	0.07	0.01	0.003	0	1.54
3.27	2.29	1.4	0.71	0.28	0.08	0.02	0.003	5.96	5.55	5.26	4.94	4.53	4.01	3.36	2.62	1.85	1.14	0.59	0.24	0.07	0.01	0.003	0	1.51
3.3	2.32	1.42	0.72	0.29	0.09	0.02	0.003	5.91	5.51	5.22	4.9	4.5	3.99	3.35	2.62	1.86	1.16	0.6	0.24	0.07	0.01	0.003	0	1.47
3.33	2.35	1.45	0.74	0.3	0.09	0.02	0.003	5.87	5.46	5.17	4.87	4.46	3.97	3.34	2.62	1.87	1.17	0.61	0.25	0.07	0.01	0.003	0	1.31
3.36	2.38	1.48	0.76	0.31	0.09	0.02	0.004	5.82	5.42	5.13	4.83	4.43	3.94	3.33	2.63	1.88	1.18	0.62	0.26	0.08	0.01	0.004	0	1.35
3.38	2.41	1.5	0.78	0.32	0.09	0.02	0.004	5.78	5.38	5.1	4.79	4.4	3.92	3.32	2.63	1.89	1.2	0.63	0.26	0.08	0.02	0.004	0	1.19
3.4	2.43	1.52	0.79	0.33	0.1	0.02	0.004	5.74	5.33	5.06	4.76	4.37	3.89	3.31	2.62	1.9	1.21	0.64	0.27	0.08	0.02	0.004	0	1.44
3.41	2.45	1.54	0.8	0.33	0.1	0.02	0.004	5.7	5.29	5.02	4.72	4.33	3.87	3.29	2.61	1.9	1.21	0.65	0.27	0.08	0.02	0.004	0	1.83
3.42	2.46	1.55	0.81	0.34	0.11	0.02	0.004	5.67	5.25	4.99	4.69	4.3	3.84	3.27	2.6	1.9	1.21	0.65	0.28	0.09	0.02	0.004	0	1.67
3.42	2.46	1.55	0.82	0.35	0.11	0.02	0.004	5.64	5.21	4.96	4.65	4.27	3.82	3.25	2.59	1.89	1.21	0.66	0.28	0.09	0.02	0.004	0	1.4
3.42	2.47	1.56	0.83	0.35	0.11	0.02	0.004	5.61	5.18	4.93	4.62	4.25	3.79	3.23	2.58	1.89	1.21	0.66	0.29	0.09	0.02	0.004	0	1.75
3.41	2.46	1.56	0.83	0.36	0.11	0.02	0.004	5.59	5.15	4.9	4.6	4.22	3.77	3.21	2.57	1.88	1.21	0.66	0.29	0.09	0.02	0.004	0	1.66
3.4	2.46	1.56	0.83	0.36	0.11	0.02	0.005	5.57	5.13	4.88	4.57	4.2	3.75	3.19	2.55	1.87	1.21	0.66	0.29	0.09	0.02	0.005	0	1.68
3.39	2.45	1.56	0.83	0.36	0.12	0.02	0.005	5.55	5.11	4.86	4.56	4.19	3.73	3.18	2.53	1.86	1.2	0.66	0.29	0.09	0.02	0.005	0	1.75
3.37	2.44	1.55	0.83	0.36	0.12	0.02	0.005	5.53	5.1	4.84	4.54	4.17	3.72	3.16	2.52	1.84	1.19	0.65	0.29	0.09	0.02	0.005	0	1.81
3.35	2.42	1.53	0.82	0.35	0.11	0.02	0.005	5.52	5.09	4.83	4.53	4.16	3.7	3.14	2.5	1.82	1.18	0.64	0.28	0.09	0.02	0.005	67.6	1.62
3.33	2.39	1.51	0.8	0.35	0.11	0.02	0.005	5.5	5.08	4.81	4.51	4.14	3.69	3.12	2.48	1.8	1.16	0.63	0.28	0.09	0.02	0.005	0	1.47
3.3	2.36	1.48	0.78	0.33	0.11	0.02	0.004	5.48	5.06	4.8	4.5	4.12	3.67	3.1	2.45	1.7								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.14	1.35	0.75	0.36	0.15	0.05	0.01	0.005	4.88	4.44	4.17	3.87	3.46	2.92	2.28	1.61	1.03	0.58	0.29	0.12	0.04	0.01	0.005	0	1.39
2.09	1.3	0.72	0.34	0.14	0.05	0.01	0.004	4.88	4.44	4.16	3.86	3.44	2.9	2.24	1.58	1	0.56	0.27	0.11	0.04	0.01	0.004	0	1.7
2.04	1.26	0.68	0.32	0.13	0.04	0.01	0.005	4.86	4.42	4.15	3.85	3.42	2.88	2.21	1.55	0.97	0.54	0.25	0.1	0.03	0.01	0.005	0	1.96
1.99	1.22	0.65	0.3	0.12	0.04	0.01	0.004	4.84	4.41	4.13	3.83	3.4	2.85	2.18	1.51	0.94	0.51	0.24	0.09	0.03	0.01	0.004	0	1.95
1.95	1.18	0.62	0.28	0.11	0.03	0.01	0.003	4.82	4.39	4.11	3.81	3.38	2.82	2.15	1.49	0.91	0.49	0.22	0.08	0.02	0.009	0.003	0	1.35
1.91	1.15	0.6	0.27	0.1	0.03	0.01	0.003	4.81	4.36	4.09	3.79	3.35	2.8	2.13	1.46	0.89	0.47	0.21	0.08	0.02	0.009	0.003	0	1.57
1.88	1.12	0.58	0.25	0.09	0.02	0.01	0.003	4.79	4.34	4.07	3.76	3.33	2.77	2.11	1.44	0.87	0.46	0.2	0.07	0.02	0.008	0.003	0	1.97
1.85	1.1	0.56	0.24	0.09	0.02	0.009	0.003	4.77	4.32	4.05	3.74	3.31	2.75	2.09	1.42	0.86	0.44	0.19	0.07	0.02	0.009	0.003	0	1.96
1.83	1.08	0.55	0.23	0.08	0.02	0.008	0.002	4.76	4.29	4.04	3.72	3.29	2.74	2.07	1.41	0.84	0.43	0.19	0.06	0.02	0.008	0.002	0	1.62
1.81	1.07	0.54	0.23	0.08	0.02	0.007	0.002	4.74	4.27	4.02	3.71	3.27	2.72	2.06	1.4	0.84	0.43	0.18	0.06	0.01	0.007	0.002	0	1.63
1.8	1.06	0.53	0.22	0.07	0.02	0.006	0.002	4.72	4.25	4	3.69	3.26	2.71	2.05	1.39	0.83	0.42	0.18	0.06	0.01	0.006	0.002	0	2.05
1.79	1.06	0.53	0.22	0.07	0.02	0.005	0.002	4.7	4.23	3.98	3.67	3.24	2.69	2.04	1.39	0.83	0.42	0.17	0.06	0.01	0.005	0.002	0	2.1
1.79	1.06	0.53	0.22	0.07	0.02	0.006	0.002	4.68	4.21	3.95	3.65	3.23	2.69	2.04	1.39	0.83	0.42	0.18	0.06	0.01	0.006	0.002	0	2.02
1.79	1.06	0.54	0.22	0.07	0.02	0.007	0.003	4.64	4.18	3.93	3.62	3.21	2.68	2.04	1.39	0.84	0.43	0.18	0.06	0.01	0.007	0.003	0	1.73
1.8	1.07	0.54	0.23	0.08	0.02	0.008	0.004	4.61	4.16	3.9	3.6	3.19	2.67	2.04	1.4	0.85	0.43	0.18	0.06	0.02	0.008	0.004	0	1.8
1.81	1.08	0.55	0.23	0.08	0.02	0.008	0.004	4.58	4.14	3.88	3.58	3.18	2.67	2.05	1.41	0.86	0.44	0.19	0.06	0.02	0.008	0.004	0	1.86
1.82	1.1	0.56	0.23	0.07	0.02	0.006	0.003	4.56	4.12	3.86	3.57	3.17	2.67	2.06	1.43	0.87	0.45	0.19	0.06	0.02	0.006	0.003	0	1.68
1.84	1.11	0.57	0.24	0.07	0.02	0.002	0	4.55	4.11	3.85	3.56	3.17	2.68	2.08	1.45	0.89	0.46	0.19	0.06	0.01	0.002	0	0	2.01
1.86	1.13	0.58	0.24	0.07	0.02	0.001	0	4.55	4.1	3.84	3.56	3.18	2.7	2.1	1.47	0.91	0.47	0.19	0.05	0.01	0.001	0	0	2.1
1.88	1.15	0.59	0.24	0.06	0.02	0	0.002	4.56	4.1	3.85	3.57	3.2	2.72	2.13	1.5	0.93	0.48	0.2	0.05	0.01	0	0.002	0	2.15
1.9	1.17	0.61	0.24	0.06	0.01	0.001	0.003	4.56	4.11	3.86	3.57	3.21	2.74	2.16	1.53	0.95	0.5	0.2	0.05	0.01	0.001	0.003	0	1.55
1.92	1.19	0.62	0.25	0.06	0.01	0	0.004	4.58	4.12	3.87	3.58	3.23	2.76	2.18	1.56	0.97	0.51	0.2	0.05	0.01	0	0.004	0	1.96
1.93	1.2	0.62	0.25	0.06	0.01	0.001	0.004	4.58	4.12	3.87	3.59	3.24	2.78	2.2	1.58	0.99	0.52	0.21	0.05	0.01	0.001	0.004	0	2.31
1.94	1.21	0.63	0.25	0.06	0.01	0.001	0.005	4.59	4.13	3.87	3.6	3.25	2.79	2.22	1.6	1	0.53	0.21	0.05	0.01	0.001	0.005	0	2.35
1.94	1.21	0.64	0.26	0.06	0.01	0.001	0.004	4.58	4.13	3.87	3.6	3.25	2.8	2.23	1.61	1.01	0.53	0.22	0.05	0.01	0.001	0.004	561.9	1.92
1.93	1.21	0.64	0.26	0.07	0.02	0.001	0.003	4.58	4.14	3.87	3.6	3.25	2.81	2.24	1.61	1.02	0.54	0.22	0.06	0.01	0.001	0.003	0	1.92
1.92	1.21	0.64	0.26	0.07	0.02	0.001	0.002	4.59	4.15	3.87	3.6	3.26	2.81	2.24	1.62	1.03	0.55	0.23	0.06	0.01	0.001	0.002	0	2.3
1.91	1.21	0.64	0.27	0.07	0.02	0.001	0.002	4.6	4.16	3.88	3.61	3.27	2.82	2.25	1.63	1.03	0.55	0.23	0.06	0.01	0.001	0.002	0	2.35
1.9	1.2	0.64	0.27	0.08	0.02	0.001	0.002	4.62	4.18	3.9	3.63	3.28	2.83	2.26	1.63	1.04	0.55	0.23	0.06	0.01	0.001	0.002	0	2.19
1.89	1.19	0.64	0.02	0.08	0.02	0.001	0.002	4.65	4.2	3.91	3.64	3.3	2.84	2.26	1.63	1.04	0.56	0.23	0.07	0.01	0.001	0.002	0	1.68
1.87	1.19	0.63	0.27	0.08	0.02	0.001	0.002	4.68	4.22	3.93	3.66	3.31	2.85	2.27	1.63	1.04	0.56	0.23	0.07	0.01	0.001	0.002	0	2.07
1.86	1.17	0.63	0.27	0.08	0.02	0.001	0.002	4.7	4.24	3.95	3.68	3.32	2.86	2.27	1.63	1.03	0.55	0.23	0.07	0.01	0.001	0.002	0	2.3
1.83	1.16	0.62	0.26	0.08	0.01	0.001	0.002	4.71	4.25	3.96	3.69	3.33	2.86	2.27	1.63	1.03	0.55	0.23	0.07	0.01	0.001	0.002	0	2.29
1.81	1.14	0.61	0.26	0.08	0.01	0.002	0.002	4.71	4.25	3.96	3.69	3.33	2.85	2.26	1.61	1.01	0.54	0.23	0.07	0.01	0.002	0.002	0	2.13
1.78	1.11	0.59	0.25	0.08	0.01	0.002	0.002	4.7	4.24	3.96	3.68	3.32	2.84	2.24	1.6	1	0.53	0.22	0.07	0.01	0.002	0.002	0	1.39
1.75	1.09	0.58	0.24	0.08	0.01	0.002	0.001	4.69	4.24	3.95	3.67	3.31	2.83	2.23	1.58	0.98	0.52	0.22	0.07	0.01	0.002	0.001	0	1.86
1.72	1.06	0.56	0.23	0.07	0.01	0	0	4.67	4.23	3.94	3.66	3.29	2.81	2.21	1.56	0.97	0.51	0.21	0.07	0.01	0	0	0	2.28
1.69	1.04	0.55	0.23	0.08	0.02	0.004	0.001	4.67	4.22	3.94	3.66	3.29	2.8	2.19	1.54	0.95	0.5	0.21	0.07	0.01	0.004	0.001	0	2.29
1.67	1.03	0.53	0.22	0.08	0.02	0.007	0.003	4.67	4.23	3.94	3.66	3.28	2.79	2.18	1.53	0.94	0.49	0.2	0.07	0.02	0.007	0.003	0	1.64
1.65	1.01	0.52	0.21	0.08	0.02	0.007	0.004	4.69	4.23	3.95	3.66	3.28	2.79	2.17	1.51	0.92	0.48	0.19	0.07	0.02	0.007	0.004	0	1.57
1.62	0.99	0.51	0.2	0.07	0.02	0.007	0.003	4.71	4.24	3.96	3.67	3.29	2.78	2.16	1.5	0.91	0.47	0.19	0.06	0.02	0.007	0.003	0	1.95
1.6	0.97	0.49	0.2	0.07	0.02	0.007	0.003	4.73	4.24	3.97	3.68	3.29	2.78	2.14	1.48	0.89	0.45	0.18	0.06	0.01	0.007	0.003	0	1.97
1.58	0.94	0.47	0.19	0.06	0.01	0.005	0.002	4.75	4.25	3.98	3.68	3.29	2.77	2.13	1.46	0.87	0.44	0.17	0.06	0.01	0.005	0.002	0	1.99
1.55	0.92	0.46	0.18	0.06	0.01	0.004	0.002	4.77	4.26	3.99	3.69	3.29	2.77	2.12	1.45	0.86	0.42	0.16	0.05	0.01	0.004	0.002	86.3	1.46
1.53	0.9	0.44	0.17	0.06	0.01	0.003	0.001	4.79	4.26	4	3.69	3.28	2.76	2.1	1.43	0.84	0.41	0.16	0.05	0.01	0.003	0.001	0	1.62
1.51	0.88	0.43	0.17	0.05	0.01	0.002	0.001	4.8	4.27	4.01	3.69	3.28	2.75	2.09	1.41	0.82	0.4	0.15	0.05	0.01	0.002	0.001	0	1.61
1.49	0.87	0.42	0.16	0.05	0.01	0.002	0.001	4.82	4.29	4.03	3.7	3.29	2.75	2.08	1.4	0.81	0.39	0.15	0.05	0.01	0.002	0.001	0	1.17
1.48	0.85	0.41	0.16	0.05	0.01	0.001	0.001	4.85	4.32	4.04	3.71	3.29	2.74	2.07	1.38	0.8	0.39	0.15	0.04	0.01	0.001	0.001	0	1.1
1.47	0.84	0.41	0.16	0.05	0.01	0	0.001	4.88	4.35	4.07	3.73	3.3	2.75	2.07	1.37	0.79	0.38	0.14	0.04	0.01	0	0.001	0	1.61
1.46	0.84	0.4	0.15	0.04	0	0	0.001	4.91	4.38	4.09	3.75	3.32	2.75	2.06	1.37	0.78	0.38	0.14	0.04	0	0.001	0	0	1.61
1.45	0.83	0.4	0.15	0.04	0.001	0.001	0.001	4.94	4.41	4.11	3.77	3.33	2.75	2.06	1.36	0.78	0.37	0.14	0.04	0.001	0.001	0	0	1.23
1.44	0.82	0.39	0.15	0.04	0.001	0.001	0.001	4.97	4.43	4.13	3.78	3.33	2.76	2.06	1.36	0.77	0.37	0.14	0.04	0.001	0.001	0	0	1.41
1.43	0.82	0.39	0.15	0.04	0.001	0.001	0.001	4.99	4.45	4.14	3.79	3.34	2.75	2.05	1.35	0.77	0.36	0.14	0.04	0.001	0.001	0	0	2.1
1.43	0.81	0.39	0.15	0.04	0.001	0.001	0.001	5.01	4.46															

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.42	0.77	0.34	0.11		0.001	0	0.004	5.74	4.99	4.6	4.17	3.64	2.97	2.17	1.39	0.76	0.33	0.11		0.001	0	0.004	0	2.41
1.41	0.77	0.34	0.12		0.001	0	0.004	5.75	5.01	4.61	4.18	3.63	2.96	2.16	1.39	0.75	0.33	0.11		0.001	0	0.004	0	2.38
1.39	0.76	0.34	0.12		0.001	0	0.003	5.75	5.01	4.6	4.17	3.62	2.94	2.14	1.37	0.75	0.33	0.11		0.001	0	0.003	72.5	2.18
1.38	0.75	0.34	0.12	0.02	0	0	0.002	5.73	5	4.59	4.15	3.6	2.92	2.12	1.36	0.74	0.33	0.11	0.02	0	0	0.002	0	1.5
1.36	0.75	0.34	0.12	0.02	0.002	0	0.002	5.72	4.99	4.57	4.14	3.58	2.89	2.1	1.34	0.73	0.33	0.12	0.02	0.002	0	0.002	0	2.21
1.34	0.74	0.34	0.12	0.03	0.003	0	0.001	5.7	4.99	4.56	4.12	3.56	2.87	2.08	1.32	0.72	0.33	0.12	0.03	0.003	0	0.001	269.7	2.31
1.33	0.73	0.34	0.12	0.03	0.004	0	0	5.7	4.99	4.55	4.12	3.55	2.86	2.06	1.31	0.72	0.33	0.12	0.03	0.004	0	0	0	2.16
1.32	0.73	0.33	0.13	0.03	0.005	0.001	0	5.7	5	4.56	4.12	3.55	2.85	2.05	1.3	0.71	0.32	0.12	0.03	0.005	0.001	0	0	1.77
1.31	0.72	0.33	0.13	0.03	0.005	0	0.001	5.72	5.01	4.57	4.13	3.56	2.85	2.05	1.29	0.71	0.32	0.12	0.03	0.005	0	0.001	0	1.5
1.31	0.72	0.33	0.12	0.03	0.004	0	0.001	5.75	5.04	4.59	4.14	3.57	2.85	2.04	1.29	0.7	0.32	0.12	0.03	0.004	0	0.001	0	1.92
1.3	0.72	0.33	0.12	0.03	0.004	0	0.001	5.78	5.06	4.61	4.16	3.58	2.85	2.04	1.28	0.7	0.32	0.12	0.03	0.004	0	0.001	227.2	1.79
1.3	0.71	0.33	0.12	0.03	0.004	0	0.001	5.8	5.08	4.63	4.18	3.59	2.86	2.04	1.28	0.7	0.32	0.12	0.03	0.004	0	0.001	0	1.64
1.3	0.71	0.33	0.12	0.03	0.005	0	0.001	5.82	5.1	4.65	4.19	3.6	2.86	2.04	1.28	0.7	0.32	0.12	0.03	0.005	0	0.001	115.7	1.96
1.3	0.71	0.33	0.12	0.03	0.005	0	0.001	5.83	5.11	4.66	4.2	3.6	2.86	2.04	1.28	0.69	0.32	0.12	0.03	0.005	0	0.001	0	1.63
1.29	0.71	0.32	0.12	0.03	0.006	0.001	0	5.84	5.11	4.67	4.2	3.6	2.86	2.04	1.27	0.69	0.31	0.12	0.03	0.006	0.001	0	0	1.99
1.29	0.7	0.32	0.12	0.03	0.006		0	5.84	5.11	4.68	4.21	3.61	2.86	2.03	1.27	0.69	0.31	0.11	0.03	0.006		0	0	1.55
1.29	0.7	0.32	0.12	0.03	0.007		0	5.84	5.12	4.69	4.21	3.61	2.87	2.03	1.27	0.69	0.31	0.11	0.03	0.007		0	0	1.28
1.29	0.7	0.32	0.12	0.03	0.009		0	5.85	5.12	4.7	4.23	3.62	2.87	2.04	1.27	0.69	0.31	0.11	0.03	0.009		0	0	1.82
1.3	0.71	0.32	0.11	0.03	0.01	0.002	0	5.86	5.14	4.71	4.24	3.64	2.89	2.05	1.27	0.69	0.31	0.11	0.03	0.01	0.002	0	0	1.97
1.31	0.71	0.32	0.11	0.03	0.009	0.002	0	5.88	5.15	4.73	4.26	3.66	2.91	2.06	1.28	0.69	0.3	0.11	0.02	0.009	0.002	0	0	1.99
1.32	0.71	0.31	0.11	0.02	0.008		0	5.9	5.18	4.76	4.29	3.68	2.93	2.08	1.29	0.69	0.3	0.1	0.02	0.008		0	0	1.51
1.33	0.71	0.31	0.1	0.02			0.001	5.92	5.19	4.78	4.31	3.7	2.95	2.09	1.3	0.69	0.3	0.1	0.02			0.001	0	1.4
1.34	0.71	0.31	0.1	0.02			0.001	5.94	5.21	4.79	4.33	3.72	2.97	2.11	1.3	0.69	0.29	0.09	0.02			0.001	0	1.99
1.35	0.72	0.3	0.1	0.02			0.001	5.95	5.22	4.81	4.34	3.74	2.98	2.12	1.31	0.69	0.29	0.09	0.01			0.001	0	2.16
1.35	0.71	0.3	0.09	0.02	0.005		0.001	5.95	5.23	4.81	4.35	3.75	2.99	2.12	1.31	0.69	0.29	0.09	0.01	0.005		0.001	0	2.04
1.36	0.71	0.3	0.09	0.01	0.005		0.002	5.95	5.23	4.82	4.36	3.75	3	2.12	1.31	0.68	0.28	0.08	0.01	0.005		0.002	0	1.18
1.36	0.71	0.29	0.08	0.01	0.005		0.003	5.95	5.24	4.83	4.36	3.76	3	2.12	1.3	0.67	0.27	0.08	0.01	0.005		0.003	0	1.83
1.36	0.7	0.28	0.08	0.01	0.005		0.003	5.96	5.25	4.84	4.37	3.77	3	2.12	1.3	0.67	0.27	0.07	0.01	0.005		0.003	0	2.35
1.35	0.69	0.28	0.07	0.01	0.005		0.004	5.98	5.27	4.86	4.39	3.77	3.01	2.12	1.29	0.66	0.26	0.07	0.01	0.005		0.004	0	2.25
1.35	0.68	0.27	0.07	0.01	0.005		0.004	6	5.29	4.87	4.4	3.78	3.01	2.12	1.28	0.65	0.25	0.06	0.01	0.005		0.004	0	2.14
1.34	0.67	0.26	0.07	0.01	0.005		0.004	6.02	5.3	4.88	4.41	3.78	3	2.11	1.27	0.64	0.25	0.06	0.01	0.005		0.004	0	1.62
1.33	0.66	0.25	0.06	0.01	0.005		0.003	6.03	5.32	4.89	4.42	3.78	3	2.1	1.26	0.63	0.24	0.06	0.01	0.005		0.003	0	2.32
1.32	0.65	0.25	0.06	0.01	0.005		0.003	6.03	5.32	4.89	4.41	3.78	2.99	2.08	1.24	0.61	0.23	0.06	0.01	0.005		0.003	0	2.44
1.31	0.64	0.24	0.06	0.01	0.005		0.002	6.02	5.32	4.89	4.41	3.77	2.97	2.06	1.22	0.6	0.22	0.05	0.01	0.005		0.002	0	2.22
1.29	0.63	0.23	0.06	0.01			0.001	6.01	5.32	4.89	4.4	3.76	2.96	2.05	1.21	0.58	0.22	0.05	0.01			0.001	0	1.41
1.28	0.61	0.23	0.06	0.01			0.001	5.99	5.31	4.88	4.4	3.75	2.95	2.03	1.19	0.57	0.21	0.05	0.01			0.001	0	2.27
1.27	0.6	0.22	0.06	0.01			0.001	5.98	5.31	4.88	4.39	3.74	2.93	2.02	1.18	0.56	0.21	0.05	0.01			0.001	0	2.35
1.26	0.59	0.22	0.06	0.01			0	5.98	5.32	4.88	4.39	3.74	2.93	2.01	1.16	0.55	0.2	0.05	0.01			0	0	1.99
1.25	0.59	0.22	0.06	0.01		0.002	0	5.99	5.33	4.89	4.4	3.74	2.93	2	1.15	0.54	0.2	0.05	0.01		0.002	0	0	1.76
1.24	0.58	0.21	0.05	0.01		0.002	0.001	6.01	5.35	4.91	4.41	3.75	2.92	1.99	1.14	0.53	0.19	0.05	0.01	0.002	0.001	0	0	1.97
1.24	0.58	0.21	0.05	0.01		0.002	0.002	6.04	5.38	4.93	4.42	3.76	2.92	1.98	1.13	0.53	0.19	0.05	0.01	0.002	0.002	0	0	1.67
1.23	0.57	0.21	0.05	0.01		0.002	0.003	6.08	5.41	4.95	4.44	3.76	2.92	1.97	1.12	0.52	0.19	0.05	0.01	0.002	0.003	0	0	1.55
1.22	0.57	0.2	0.05		0.002	0.004	0.004	6.11	5.44	4.96	4.45	3.76	2.91	1.96	1.11	0.52	0.19	0.05		0.002	0.004	0	0	1.64
1.21	0.56	0.2	0.05		0.001	0.005	0.005	6.14	5.46	4.97	4.45	3.74	2.89	1.94	1.1	0.51	0.18	0.05		0.001	0.005	0	0	1.17
1.18	0.55	0.2	0.05		0.001	0.004	0.004	6.15	5.46	4.97	4.43	3.72	2.85	1.9	1.07	0.5	0.18	0.05		0.001	0.004	0	0	1.34
1.15	0.53	0.19	0.05		0.001	0.003	0.003	6.16	5.46	4.96	4.4	3.67	2.79	1.85	1.04	0.48	0.18	0.05		0.001	0.003	0	0	1.64
1.1	0.51	0.19	0.05	0.01		0.001	0.002	6.15	5.44	4.93	4.36	3.61	2.73	1.79	0.99	0.46	0.17	0.04	0.01	0.001	0.002	0	0	2.24
1.05	0.48	0.17	0.05	0.01		0.001	0.001	6.14	5.41	4.89	4.3	3.54	2.64	1.71	0.94	0.43	0.16	0.04	0.01	0.001	0.001	0	0	2.02
0.98	0.44	0.16	0.04	0.01		0.001	0.001	6.12	5.38	4.85	4.24	3.46	2.55	1.63	0.88	0.4	0.14	0.04	0.01	0.001	0.001	0	0	1.46
0.92	0.41	0.15	0.04	0.009		0.001	0.001	6.11	5.35	4.81	4.18	3.38	2.46	1.55	0.83	0.37	0.13	0.03	0.009		0.001	0	0	2.07
0.86	0.38	0.13	0.03	0.007		0.001	0.001	6.1	5.33	4.77	4.12	3.29	2.37	1.47	0.77	0.34	0.12	0.03	0.007		0.001	0	0	2.28
0.8	0.34	0.12	0.03	0.006	0.002		0.002	6.11	5.32	4.74	4.07	3.22	2.28	1.39	0.72	0.31	0.11	0.02	0.006	0.002		0.002	0	2.13
0.74	0.31	0.11	0.02	0.006	0.002		0.001	6.12	5.31	4.72	4.02	3.14	2.19	1.31	0.66	0.28	0.09	0.02	0.006	0.002		0.001	0	1.39
0.68	0.28	0.09	0.02	0.005	0.001		0.002	6.13	5.31	4.69	3.97	3.07	2.11	1.24	0.61	0.25	0.08	0.02	0.005	0.001		0.002	0	1.01
0.63	0.25	0.08	0.02	0.004	0		0.002	6.14	5.3	4.66	3.93	3	2.03	1.17	0.56	0.23	0.07	0.01	0.004	0		0.002	0	1.72
0.58	0.23	0.07	0.01		0		0.002	6.15	5.3	4.64	3.88	2.93	1.96	1.1	0.52	0.2	0.06	0.01		0		0.002	0	2.12
0.53	0.2																							

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.44	0.11		0.002	0			0.003	6.72	5.8	5.09	4.25	3.19	2.06	1.06	0.41	0.1		0.002	0			0.003	0	1.84	
0.45	0.11			0.001			0.002	6.69	5.77	5.06	4.22	3.17	2.06	1.06	0.41	0.1			0.001			0.002	0	1.48	
0.45	0.11			0.001	0.01		0.002	6.67	5.73	5.03	4.19	3.16	2.05	1.06	0.41	0.1			0.001	0.01		0.002	0	2.01	
0.45	0.11	0.01		0.001	0.01		0.002	6.64	5.7	5	4.17	3.14	2.04	1.06	0.41	0.1	0.01		0.001	0.01		0.002	0	2.08	
0.45	0.12	0.01	0.002	0	0.01		0.001	6.62	5.68	4.98	4.15	3.13	2.04	1.06	0.41	0.1	0.01	0.002	0	0.01		0.001	238.1	2.02	
0.45	0.12	0.01	0.003	0.001	0.01		0.001	6.6	5.65	4.96	4.14	3.12	2.04	1.06	0.41	0.1	0.01	0.003	0.001	0.01		0.001	0	1.57	
0.45	0.12	0.01	0.004	0.002	0.01		0.001	6.58	5.63	4.94	4.13	3.12	2.03	1.06	0.41	0.1	0.01	0.004	0.002	0.01		0.001	0	1.34	
0.45	0.12	0.01	0.005	0.003	0.01		0.001	6.56	5.61	4.91	4.11	3.11	2.03	1.06	0.41	0.1	0.01	0.005	0.003	0.009		0.001	0	1.9	
0.44	0.12	0.02	0.006	0.004	0.01		0	6.53	5.58	4.88	4.08	3.09	2.02	1.05	0.41	0.1	0.01	0.006	0.004	0.009		0	0	2.32	
0.44	0.12	0.02	0.007	0.005	0.01	0.002	0	6.5	5.54	4.83	4.04	3.05	1.99	1.04	0.4	0.1	0.02	0.007	0.005	0.01	0.002	0	0	1.72	
0.43	0.12	0.02	0.009	0.006	0.009	0.002	0	6.45	5.49	4.77	3.99	3	1.96	1.01	0.39	0.1	0.02	0.009	0.006	0.009	0.002	0	0	1.59	
0.42	0.12	0.03	0.01	0.009	0.008	0.003	0.001	6.41	5.43	4.7	3.91	2.94	1.91	0.99	0.38	0.11	0.02	0.01	0.009	0.008	0.003	0.001	0	2.25	
0.41	0.12	0.03	0.01	0.01	0.007	0.003	0.001	6.35	5.35	4.6	3.82	2.86	1.85	0.95	0.37	0.11	0.03	0.01	0.009	0.007	0.003	0.001	0	2.07	
0.39	0.12	0.03	0.01	0.01	0.006	0.003	0.001	6.29	5.25	4.5	3.71	2.75	1.77	0.91	0.36	0.11	0.03	0.01	0.01	0.006	0.003	0.001	0	1.55	
0.38	0.12	0.03	0.01	0.01	0.005	0.003	0.001	6.21	5.13	4.37	3.57	2.63	1.68	0.86	0.34	0.11	0.03	0.01	0.01	0.005	0.003	0.001	0	1.56	
0.36	0.12	0.04	0.01	0.009	0.004	0.003	0.001	6.13	5	4.23	3.43	2.5	1.58	0.81	0.33	0.11	0.03	0.01	0.009	0.004	0.003	0.001	0	1.48	
0.34	0.12	0.04	0.01	0.008	0.001	0.002	0	6.04	4.86	4.07	3.26	2.35	1.48	0.75	0.31	0.11	0.04	0.01	0.008	0.001	0.002	0	0	1.86	
0.33	0.12	0.05	0.01	0.008	0		0	5.93	4.7	3.9	3.1	2.21	1.37	0.7	0.3	0.11	0.04	0.01	0.008	0		0	0	1.74	
0.31	0.13	0.05	0.01	0.001			0	5.82	4.54	3.72	2.92	2.06	1.27	0.65	0.29	0.12	0.04	0.01		0.001		0	0	1.46	
0.3	0.13	0.06	0.02	0.001			0.001	5.71	4.37	3.55	2.75	1.91	1.17	0.61	0.28	0.12	0.05	0.01		0.001		0.001	0	1.87	
0.29	0.14	0.06	0.02	0.001			0.001	5.59	4.2	3.37	2.58	1.78	1.08	0.57	0.27	0.12	0.05	0.02		0.001		0.001	0	1.98	
0.29	0.14	0.06	0.02	0.001			0.001	5.48	4.04	3.21	2.43	1.65	1	0.53	0.26	0.13	0.06	0.02		0.001		0.001	0	1.68	
0.28	0.14	0.07	0.02	0			0.001	5.37	3.89	3.05	2.28	1.53	0.93	0.5	0.26	0.13	0.06	0.02		0		0.001	0	1.56	
0.27	0.14	0.07	0.02	0.005	0		0.001	5.25	3.74	2.9	2.14	1.43	0.86	0.47	0.25	0.13	0.06	0.02	0.005	0		0.001	0	2.06	
0.26	0.14	0.06	0.02	0.005	0.001		0.001	5.12	3.58	2.75	2.01	1.33	0.8	0.45	0.24	0.13	0.06	0.02	0.005	0.001		0.001	0	2.1	
0.25	0.13	0.06	0.02	0.004	0.002		0.001	4.99	3.42	2.6	1.88	1.23	0.74	0.42	0.23	0.12	0.06	0.02	0.004	0.002		0.001	635.6	1.67	
0.23	0.13	0.06	0.02	0.004	0.002		0	4.84	3.26	2.46	1.75	1.14	0.68	0.39	0.22	0.12	0.05	0.02	0.004	0.002		0	0	1.33	
0.22	0.12	0.06	0.02	0.004	0.003		0.001	4.68	3.09	2.3	1.63	1.05	0.63	0.36	0.2	0.11	0.05	0.01	0.004	0.003		0.001	0	1.65	
0.2	0.11	0.05	0.02	0.004	0.004		0	4.51	2.91	2.14	1.5	0.95	0.57	0.33	0.19	0.1	0.05	0.01	0.004	0.004		0	0	1.91	
0.18	0.1	0.05	0.02	0.005	0.004	0	0	4.33	2.73	1.98	1.37	0.86	0.51	0.3	0.17	0.09	0.04	0.01	0.005	0.004	0	0	0	2.1	
0.16	0.09	0.04	0.02	0.006	0.005	0	0	4.16	2.54	1.83	1.24	0.77	0.45	0.26	0.15	0.08	0.04	0.01	0.006	0.005	0	0	0	1.88	
0.14	0.08	0.04	0.01	0.006	0.005	0	0	3.99	2.36	1.67	1.12	0.68	0.4	0.23	0.13	0.07	0.03	0.01	0.006	0.005	0	0	0	1.79	
0.12	0.07	0.03	0.01	0.006	0.005	0	0	3.84	2.19	1.52	1	0.6	0.34	0.2	0.11	0.06	0.03	0.01	0.006	0.005	0	0	0	2.05	
0.1	0.06	0.02	0.01	0.005	0.004		0	3.7	2.03	1.37	0.88	0.52	0.29	0.17	0.09	0.05	0.02	0.01	0.005	0.004		0	0	2.09	
0.09	0.05	0.02	0.01	0.004	0.003		0	3.58	1.9	1.25	0.78	0.44	0.25	0.14	0.08	0.04	0.02	0.01	0.004	0.003		0	0	2.03	
0.07	0.04	0.02	0.01	0.004	0.003		0.001	3.48	1.79	1.14	0.69	0.38	0.21	0.12	0.06	0.03	0.01	0.01	0.004	0.003		0.001	72.5	1.69	
0.06	0.03	0.01	0.01	0.005	0.004		0.001	3.42	1.7	1.06	0.63	0.33	0.18	0.1	0.05	0.03	0.01	0.01	0.005	0.004		0.001	0	1.77	
0.05	0.03	0.01	0.01	0.006	0.005		0.002	3.4	1.66	1.02	0.58	0.3	0.15	0.08	0.04	0.02	0.01	0.01	0.006	0.005		0.002	0	2.28	
0.04	0.02	0.01	0.01	0.007	0.004		0.003	3.41	1.65	1	0.56	0.28	0.14	0.07	0.04	0.02	0.01	0.01	0.007	0.004		0.003	0	2.04	
0.03	0.02	0.01	0.01	0.006	0.004		0.004	3.46	1.69	1.03	0.57	0.28	0.13	0.06	0.03	0.02	0.01	0.009	0.006			0.004	0	1.7	
0.03	0.02	0.01	0.009	0.005			0.006	3.55	1.77	1.09	0.6	0.29	0.13	0.05	0.03	0.01	0.01	0.009	0.005			0.006	0	0.9	
0.03	0.01	0.01	0.008	0.005			0.005	3.68	1.9	1.19	0.67	0.33	0.14	0.05	0.02	0.01	0.01	0.008	0.005			0.005	0	1.75	
0.03	0.01	0.01	0.01	0.007	0.001		0.004	3.85	2.07	1.33	0.76	0.38	0.16	0.06	0.02	0.01	0.01	0.01	0.007	0.001		0.004	0	2.13	
0.03	0.01	0.01	0.01	0.008	0.001		0.003	4.04	2.27	1.49	0.88	0.45	0.19	0.07	0.02	0.01	0.01	0.009	0.008	0.001		0.003	0	2.14	
0.03	0.01	0.01	0.01	0.009	0.002		0.002	4.26	2.5	1.68	1.02	0.53	0.22	0.08	0.03	0.01	0.01	0.01	0.009	0.002		0.002	0	1.89	
0.03	0.01	0.01	0.009	0.009	0.002		0.001	4.48	2.74	1.89	1.17	0.61	0.26	0.09	0.03	0.01	0.01	0.009	0.009	0.002		0.001	0	1.26	
0.03	0.01	0.01	0.008	0.009	0.003		0.001	4.72	2.99	2.09	1.32	0.7	0.3	0.1	0.03	0.01	0.009	0.008	0.009	0.003		0.001	0	1.71	
0.04	0.01	0.008	0.006	0.009	0.003		0	4.94	3.22	2.29	1.47	0.79	0.35	0.12	0.03	0.01	0.008	0.006	0.009	0.003		0	0	1.91	
0.04	0.01	0.006	0.004	0.008	0.003	0.003	0	5.14	3.44	2.47	1.61	0.88	0.39	0.14	0.04	0.01	0.006	0.004	0.008	0.003	0.003		0	0	2.11
0.05	0.01	0.004	0.002	0.007	0.003		0	5.31	3.62	2.62	1.73	0.96	0.44	0.15	0.04	0.01	0.004	0.002	0.007	0.003		0	0	2.18	
0.05	0.01	0.002	0.001	0.006	0.003		0.001	5.45	3.76	2.75	1.83	1.04	0.48	0.17	0.05	0.01	0.002	0.001	0.006	0.003		0.001	0	2.14	
0.06	0.01	0.002	0.001	0.006	0.004		0	5.56	3.86	2.84	1.91	1.1	0.52	0.19	0.05	0.01	0.002	0.001	0.006	0.004		0	0	1.92	
0.07	0.01	0.002	0.001	0.005	0.004		0.001	5.63	3.92	2.89	1.96	1.14	0.55	0.21	0.06	0.01	0.002	0.001	0.005	0.004		0.001	0	1.99	
0.07	0.02	0.003	0.001	0.005	0.004		0.001	5.68	3.96	2.92	2	1.17	0.57	0.23	0.07	0.01	0.003	0.001	0.005	0.004		0.001	0	2.22	
0.08	0.02	0.004	0.002	0.005	0.004		0.001	5.7	3.97	2.93	2.01	1.19	0.59	0.24	0.08	0.02	0.004	0.002	0.005	0.004		0.001	0	2.09	
0.08	0.02	0.003	0.001	0.005	0.003		0.001	5.72	3.98	2.93	2.01	1.19	0.6	0.25	0.08	0.02	0.003	0.001							

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.18	0.07	0.02			0.004	0.003	0.005	5.63	4.05	3.04	2.1	1.24	0.66	0.33	0.15	0.06	0.01			0.004	0.003	0.005	0	1.6
0.19	0.07	0.02			0.003	0.003	0.004	5.56	3.97	2.98	2.07	1.24	0.67	0.34	0.16	0.06	0.01			0.003	0.003	0.004	0	1.73
0.2	0.08	0.02			0.003	0.002	0.004	5.48	3.89	2.92	2.04	1.24	0.69	0.36	0.17	0.06	0.02			0.003	0.002	0.004	0	1.39
0.21	0.08	0.02			0.002	0.002	0.004	5.41	3.82	2.86	2.01	1.25	0.71	0.38	0.18	0.07	0.02			0.002	0.002	0.004	0	1.53
0.22	0.08	0.02			0.002	0.002	0.004	5.34	3.75	2.81	1.99	1.25	0.73	0.39	0.19	0.07	0.02			0.002	0.002	0.004	0	2.02
0.23	0.09	0.02			0.001	0.002	0.004	5.26	3.68	2.76	1.97	1.25	0.74	0.4	0.19	0.07	0.02			0.001	0.002	0.004	0	1.6
0.23	0.09	0.02		0.005	0	0.002	0.003	5.19	3.61	2.71	1.95	1.25	0.75	0.41	0.2	0.07	0.02		0.005	0	0.002	0.003	0	1.6
0.23	0.09	0.02		0.005	0.002	0.002	0.003	5.11	3.53	2.65	1.92	1.24	0.75	0.41	0.2	0.07	0.01		0.005	0.002	0.002	0.003	0	1.7
0.23	0.09	0.02		0.004	0.004	0.002	0.003	5.03	3.45	2.59	1.88	1.23	0.75	0.41	0.2	0.07	0.01		0.004	0.004	0.002	0.003	0	1.89
0.22	0.08			0.004	0.005	0.001	0.003	4.95	3.36	2.52	1.82	1.2	0.73	0.4	0.19	0.07			0.004	0.005	0.001	0.003	0	1.83
0.22	0.08			0.004	0.005	0.001	0.002	4.85	3.26	2.44	1.77	1.16	0.72	0.39	0.19	0.07			0.004	0.005	0.001	0.002	0	1.05
0.21	0.07			0.004	0.005	0.001	0.002	4.75	3.15	2.35	1.7	1.12	0.69	0.38	0.18	0.06			0.004	0.005	0.001	0.002	0	1.36
0.19	0.07			0.004	0.004	0.001	0.003	4.63	3.03	2.25	1.63	1.08	0.66	0.36	0.17	0.06			0.004	0.004	0.001	0.003	0	1.34
0.18	0.06			0.004	0.003	0.001	0.003	4.5	2.9	2.15	1.55	1.03	0.63	0.34	0.16	0.05			0.004	0.003	0.001	0.003	0	1.64
0.17	0.06			0.004	0.002	0.001	0.004	4.35	2.77	2.04	1.47	0.97	0.6	0.32	0.14	0.05			0.004	0.002	0.001	0.004	0	1.68
0.15	0.05			0.003	0.001	0.001	0.004	4.19	2.64	1.93	1.39	0.92	0.56	0.3	0.13	0.04			0.003	0.001	0.001	0.004	0	1.65
0.14	0.04	0.01			0	0.001	0.003	4.03	2.5	1.83	1.31	0.86	0.52	0.28	0.12	0.04	0.008			0	0.001	0.003	0	2.02
0.12	0.04	0.01			0.001	0.001	0.003	3.88	2.38	1.73	1.24	0.81	0.49	0.25	0.11	0.03	0.01			0.001	0.001	0.003	0	2.12
0.11	0.03	0.009			0.001	0.001	0.002	3.75	2.28	1.65	1.18	0.76	0.45	0.23	0.1	0.03	0.009			0.001	0.001	0.002	0	1.73
0.1	0.03	0.008			0.001	0.001	0.002	3.65	2.2	1.58	1.12	0.72	0.42	0.21	0.08	0.02	0.008			0.001	0.001	0.002	0	1.68
0.08	0.02	0.008			0	0.001	0	3.58	2.14	1.53	1.08	0.68	0.39	0.19	0.07	0.02	0.008			0	0.001	0	0	2.04
0.07	0.02		0	0.001	0.001		0.001	3.56	2.11	1.51	1.05	0.66	0.36	0.17	0.06	0.02		0	0.001	0.001		0.001	0	2.13
0.06	0.02	0.007	0	0.003	0.002		0.001	3.59	2.11	1.5	1.04	0.64	0.34	0.16	0.05	0.01	0.007	0	0.003	0.002		0.001	0	1.97
0.06	0.02	0.007	0.001	0.005	0.003		0.001	3.65	2.14	1.52	1.04	0.63	0.33	0.15	0.05	0.01	0.007	0.001	0.005	0.003		0.001	0	1.48
0.05	0.01	0.006	0.001	0.005	0.003		0.001	3.73	2.19	1.55	1.05	0.63	0.32	0.14	0.04	0.01	0.006	0.001	0.005	0.003		0.001	0	1.73
0.05	0.01		0	0.005	0.004		0.001	3.84	2.26	1.59	1.07	0.63	0.32	0.13	0.04	0.01		0	0.005	0.004		0.001	0	2.04
0.04	0.01		0.003	0.005	0.003		0.002	3.96	2.34	1.65	1.1	0.64	0.31	0.12	0.04	0.01		0.003	0.005	0.003		0.002	0	1.96
0.04	0.01		0.004	0.005	0.003		0.002	4.08	2.44	1.71	1.14	0.65	0.32	0.12	0.03	0.01		0.004	0.005	0.003		0.002	0	1.49
0.04	0.01		0.004	0.006	0.003		0.002	4.21	2.55	1.79	1.19	0.68	0.32	0.12	0.03	0.01		0.004	0.006	0.003		0.002	0	1.74
0.04	0.01		0.005	0.006	0.003		0.002	4.34	2.67	1.89	1.25	0.71	0.34	0.12	0.03	0.01		0.005	0.006	0.003		0.002	0	1.93
0.04	0.01		0.006	0.006	0.002		0.002	4.47	2.8	1.99	1.33	0.76	0.36	0.13	0.04	0.01		0.006	0.006	0.002		0.002	0	1.88
0.05	0.01		0.005	0.007	0.003		0.002	4.61	2.96	2.12	1.42	0.81	0.39	0.15	0.04	0.01		0.005	0.007	0.003		0.002	0	1.48
0.06	0.02		0.003	0.008	0.003		0.001	4.77	3.12	2.26	1.54	0.89	0.43	0.17	0.05	0.01		0.003	0.008	0.003	0.001	126.8	1.5	
0.07	0.02		0.002	0.008	0.003		0.001	4.92	3.3	2.42	1.67	0.98	0.49	0.19	0.06	0.02		0.002	0.008	0.003	0.001	72.9	1.78	
0.08	0.03		0.001	0.007	0.002		0	5.08	3.48	2.6	1.81	1.09	0.56	0.23	0.07	0.02		0.001	0.007	0.002		0	0	1.79
0.1	0.03		0	0.006	0.002		0	5.24	3.67	2.79	1.97	1.21	0.64	0.27	0.09	0.03		0	0.006	0.002		0	0	1.63
0.12	0.04	0.01	0	0.005			0	5.39	3.87	2.98	2.15	1.35	0.73	0.32	0.11	0.03	0.01	0	0.005			0	0	1.34
0.14	0.04		0.001	0.004			0.001	5.52	4.06	3.18	2.33	1.5	0.83	0.37	0.13	0.04		0.001	0.004		0.001	0	0	1.82
0.17	0.05		0.002	0.002			0.001	5.65	4.25	3.38	2.53	1.66	0.94	0.43	0.15	0.04		0.002	0.002		0.001	0	0	2
0.2	0.06		0.004	0			0	5.76	4.44	3.58	2.73	1.84	1.06	0.49	0.18	0.05		0.004	0			0	0	1.61
0.23	0.07			0.001		0.002	0.001	5.86	4.61	3.78	2.93	2.01	1.19	0.56	0.21	0.06			0.001		0.002	0.001	0	2
0.27	0.07			0.003		0.002	0.002	5.94	4.77	3.96	3.12	2.18	1.31	0.63	0.24	0.07			0.003		0.002	0.002	0	2.13
0.3	0.09			0.004		0.002	0.002	6	4.91	4.13	3.3	2.34	1.44	0.7	0.27	0.08			0.004		0.002	0.002	0	2.04
0.34	0.1			0.005		0.001	0.002	6.05	5.01	4.27	3.45	2.49	1.55	0.77	0.3	0.09			0.005		0.001	0.002	0	1.75
0.37	0.11			0.005		0.001	0.002	6.08	5.09	4.37	3.57	2.61	1.64	0.83	0.33	0.1			0.005		0.001	0.002	0	1.77
0.4	0.12			0.005		0	0.002	6.08	5.14	4.44	3.66	2.7	1.72	0.88	0.35	0.11			0.005		0	0.002	0	1.7
0.43	0.14	0.03		0.004		0	0.001	6.06	5.15	4.47	3.7	2.75	1.77	0.92	0.38	0.12	0.03		0.004		0	0.001	0	1.86
0.45	0.15	0.04		0.003	0.003	0	0	6.03	5.13	4.47	3.72	2.78	1.8	0.95	0.4	0.13	0.03		0.003	0.003	0	0	0	1.91
0.47	0.16	0.04		0.002	0.002	0	0.001	5.98	5.09	4.45	3.71	2.78	1.81	0.97	0.41	0.14	0.03		0.002	0.014	0	0.001	0	1.74
0.48	0.17	0.04		0.001	0.001	0	0	5.92	5.04	4.41	3.68	2.77	1.82	0.98	0.43	0.15	0.04		0.001	0.001	0	0	0	1.94
0.5	0.17	0.05		0.001	0.001	0	0.001	5.88	5	4.37	3.65	2.75	1.82	0.99	0.44	0.15	0.04		0.001	0.001	0	0.001	0	2.32
0.51	0.18	0.05	0.008	0	0	0	0.001	5.84	4.96	4.34	3.63	2.74	1.82	1	0.45	0.16	0.04	0.008	0	0	0	0.001	0	2.23
0.52	0.19	0.05			0	0.001	0.001	5.81	4.93	4.31	3.61	2.74	1.82	1.01	0.45	0.16	0.04		0	0.001	0.001	0	0	1.83
0.53	0.19	0.05			0	0.001	0.002	5.79	4.9	4.29	3.6	2.74	1.83	1.02	0.46	0.17	0.04		0	0.001	0.002	0	0	1.55
0.53	0.19	0.05			0.001	0.001	0.003	5.78	4.89	4.28	3.6	2.74	1.84	1.03	0.46	0.17	0.04		0.001	0.001	0.003	0	0	1.97
0.54	0.19	0.05			0.001	0.002	0.004	5.76	4.87	4.27	3.59	2.74	1.84	1.03	0.47	0.17	0.04		0.001	0.002	0.004	0	0	2.23
0.54	0.19	0.05			0.001	0.002	0.004	5.74	4.86	4.26	3.59	2.74	1.84	1.03	0.47	0.17	0.04		0.001	0.002	0.004	0	0	2.05
0.53	0.19	0.05			0.002	0.002	0.004	5.72	4.83	4.24	3.57	2.72	1.83	1.02	0.46	0.17	0.04		0.002	0.002	0.004	0</		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.6	0.21	0.06	0.01	0.005	0.007		0	5.83	4.9	4.34	3.68	2.87	1.99	1.14	0.52	0.19	0.05	0.01	0.005	0.007		0	0	2.39
0.62	0.23	0.07	0.01	0.003	0.005		0.001	5.83	4.9	4.36	3.71	2.91	2.03	1.18	0.54	0.2	0.06	0.01	0.003	0.005		0.001	0	1.92
0.64	0.24	0.07	0.01	0.001			0.001	5.82	4.91	4.36	3.72	2.93	2.05	1.2	0.56	0.21	0.06	0.01	0.001			0.001	0	1.92
0.66	0.25	0.07	0.01	0			0	5.8	4.89	4.35	3.71	2.93	2.05	1.21	0.57	0.22	0.06	0.01	0			0	0	2.37
0.66	0.26	0.08	0.01	0	0.002		0.001	5.77	4.86	4.31	3.67	2.89	2.03	1.2	0.58	0.23	0.07	0.01	0	0.002		0.001	0	2.32
0.66	0.26	0.08	0.01	0.001	0.002		0.001	5.71	4.8	4.24	3.61	2.83	1.99	1.18	0.58	0.23	0.07	0.01	0.001	0.002		0.001	0	1.98
0.65	0.27	0.09	0.02	0.003	0.003		0.001	5.65	4.73	4.16	3.52	2.75	1.92	1.14	0.57	0.23	0.08	0.01	0.003	0.003		0.001	0	1.65
0.63	0.27	0.09	0.02	0.007	0.005	0.002	0	5.57	4.64	4.06	3.42	2.65	1.85	1.1	0.55	0.24	0.08	0.02	0.007	0.005	0.002	0	0	1.81
0.61	0.27	0.1	0.03	0.01	0.007	0.003	0.001	5.5	4.54	3.95	3.31	2.55	1.76	1.05	0.54	0.24	0.09	0.02	0.008	0.007	0.003	0.001	0	2.16
0.58	0.27	0.1	0.03	0.01	0.008	0.004	0.001	5.43	4.45	3.85	3.19	2.44	1.68	1	0.52	0.24	0.09	0.03	0.01	0.008	0.004	0.001	0	2.41
0.56	0.26	0.1	0.03	0.01	0.009	0.005	0.001	5.37	4.36	3.75	3.09	2.34	1.6	0.96	0.5	0.23	0.09	0.03	0.01	0.009	0.005	0.001	0	2.26
0.54	0.25	0.1	0.03	0.01	0.009	0.005	0.001	5.33	4.29	3.66	2.99	2.25	1.53	0.91	0.48	0.23	0.09	0.03	0.01	0.009	0.005	0.001	0	1.53
0.51	0.24	0.09	0.03	0.01	0.009	0.004	0.001	5.3	4.22	3.58	2.91	2.17	1.47	0.88	0.46	0.22	0.08	0.03	0.01	0.009	0.004	0.001	0	2.01
0.48	0.23	0.09	0.03	0.01	0.008	0.004	0.001	5.27	4.17	3.52	2.84	2.11	1.42	0.84	0.44	0.21	0.08	0.02	0.01	0.008	0.004	0.001	0	2.1
0.45	0.21	0.08	0.02	0.01	0.006	0.003	0.001	5.26	4.13	3.47	2.78	2.05	1.37	0.8	0.42	0.19	0.07	0.02	0.01	0.006	0.003	0.001	0	2.22
0.42	0.19	0.07	0.02	0.008	0.005	0.002	0	5.24	4.09	3.42	2.73	2	1.33	0.77	0.4	0.18	0.07	0.02	0.008	0.005	0.002	0	0	1.87
0.39	0.17	0.06	0.02	0.007	0.004	0.001	0	5.23	4.06	3.37	2.67	1.95	1.28	0.74	0.37	0.16	0.06	0.01	0.007	0.004	0.001	0	0	1.66
0.36	0.15	0.06	0.01	0.006	0.004	0.001	0	5.22	4.03	3.32	2.63	1.9	1.24	0.7	0.34	0.15	0.05	0.01	0.006	0.004	0.001	0	0	1.72
0.33	0.14	0.05	0.01	0.005	0.003	0.001	0	5.21	4	3.28	2.57	1.85	1.19	0.66	0.32	0.13	0.05	0.01	0.005	0.003	0.001	0	0	1.99
0.3	0.12	0.04	0.01	0.004	0.003	0.001	0	5.21	3.96	3.23	2.52	1.79	1.14	0.62	0.29	0.12	0.04	0.01	0.004	0.003	0.001	0	0	2.01
0.27	0.11	0.04	0.01	0.003	0.003	0.001	0	5.2	3.93	3.17	2.46	1.73	1.08	0.58	0.26	0.1	0.03	0.01	0.003	0.003		0	0	1.92
0.24	0.09	0.03	0.01	0.003	0.003		0	5.2	3.87	3.1	2.38	1.66	1.02	0.53	0.24	0.09	0.03	0.01	0.003	0.003		0	0	1.94
0.22	0.08	0.03	0.01	0.003	0.004		0	5.17	3.79	3.01	2.29	1.58	0.96	0.49	0.21	0.08	0.03	0.009	0.003	0.004		0	0	1.4
0.19	0.07	0.02	0.01	0.003	0.005		0.001	5.13	3.69	2.9	2.18	1.48	0.89	0.45	0.19	0.07	0.02	0.01	0.003	0.005		0.001	0	1.74
0.17	0.06	0.02	0.01	0.004	0.007		0.001	5.05	3.57	2.77	2.06	1.38	0.82	0.4	0.17	0.06	0.02	0.01	0.004	0.007		0.001	0	2.12
0.15	0.05	0.02	0.01	0.005	0.008		0.001	4.95	3.43	2.63	1.94	1.28	0.74	0.36	0.15	0.05	0.01	0.01	0.005	0.008		0.001	0	2.1
0.13	0.05	0.01	0.01	0.007	0.01		0.002	4.84	3.28	2.49	1.81	1.18	0.67	0.32	0.13	0.04	0.01	0.01	0.007	0.01		0.002	0	1.72
0.11	0.04	0.01	0.01	0.009	0.01		0.003	4.72	3.16	2.37	1.7	1.09	0.61	0.28	0.11	0.04	0.01	0.01	0.009	0.01		0.003	0	1.55
0.09	0.03	0.01	0.009	0.01	0.01		0.004	4.64	3.07	2.29	1.63	1.02	0.55	0.25	0.09	0.03	0.01	0.009	0.01	0.01		0.004	0	2.15
0.08	0.02	0.01	0.008	0.009	0.01		0.005	4.58	3.04	2.25	1.59	0.98	0.52	0.22	0.08	0.02	0.01	0.008	0.009	0.01		0.005	0	2.1
0.07	0.02	0.008	0.007	0.008	0.01		0.005	4.59	3.08	2.28	1.61	0.99	0.51	0.21	0.07	0.02	0.008	0.007	0.008	0.009		0.005	0	2.11
0.06	0.01	0.004	0.004	0.006	0.008		0.005	4.67	3.18	2.38	1.68	1.02	0.52	0.21	0.06	0.01	0.004	0.004	0.006	0.008		0.005	0	1.55
0.06		0.001	0.001	0.003	0.006		0.005	4.81	3.36	2.53	1.8	1.1	0.56	0.22	0.06	0.02	0.001	0.001	0.003	0.006		0.005	0	1.05
0.07		0.002	0	0.003	0.006		0.003	4.99	3.59	2.74	1.97	1.22	0.62	0.24	0.07	0.02	0.002	0	0.003	0.006		0.003	0	1.62
0.08		0.004	0	0.002	0.006		0.001	5.2	3.85	2.99	2.17	1.36	0.7	0.28	0.08		0.004	0	0.002	0.006		0.001	0	1.53
0.1	0.003	0.001	0.001	0.002	0.006		0.001	5.43	4.13	3.25	2.4	1.52	0.8	0.33	0.1	0.003	0.003	0.001	0.002	0.006		0.001	0	1.7
0.12	0.003	0.001	0.001	0.002	0.006	0.003	0.001	5.64	4.39	3.51	2.63	1.7	0.91	0.38	0.12	0.003	0.003	0.001	0.002	0.006	0.003	0.001	0	1.32
0.14		0.001	0	0.002	0.005	0.003	0.002	5.83	4.65	3.76	2.86	1.87	1.03	0.44	0.14		0.001	0	0.002	0.005	0.003	0.002	0	1.38
0.16			0	0.002	0.005	0.003	0.004	5.99	4.86	3.98	3.06	2.04	1.14	0.5	0.17			0	0.002	0.005	0.003	0.004	0	1.5
0.19	0.04		0.002	0.002	0.004	0.004	0.006	6.1	5.03	4.16	3.24	2.19	1.25	0.56	0.19	0.04		0.002	0.002	0.004	0.004	0.006	0	1.65
0.22	0.05		0.002	0.003	0.003	0.004	0.007	6.18	5.15	4.31	3.39	2.33	1.36	0.63	0.22	0.05		0.002	0.003	0.003	0.004	0.007	0	1.59
0.24	0.06		0.003	0.003	0.002	0.004	0.007	6.24	5.24	4.43	3.52	2.45	1.45	0.69	0.25	0.06		0.003	0.003	0.002	0.004	0.007	0	1.15
0.27	0.07		0.004	0.004	0.001	0.003	0.008	6.26	5.3	4.51	3.61	2.55	1.54	0.74	0.27	0.07		0.004	0.004	0.001	0.003	0.008	0	1.49
0.29	0.08		0.004	0.004	0.001	0.003	0.008	6.26	5.32	4.55	3.67	2.63	1.6	0.79	0.3	0.07		0.004	0.004	0.001	0.003	0.008	0	1.39
0.31	0.08		0.005	0.004	0.001	0.003	0.009	6.24	5.31	4.57	3.71	2.68	1.65	0.82	0.31	0.08		0.005	0.004	0.001	0.003	0.009	128.8	1.62
0.33	0.09		0.006	0.003	0.001	0.004	0.01	6.21	5.29	4.56	3.72	2.7	1.68	0.85	0.33	0.09		0.006	0.003	0.001	0.004	0.01	0	1.81
0.33	0.09		0.007	0.002	0.001	0.004	0.01	6.16	5.24	4.53	3.7	2.7	1.69	0.86	0.33	0.09		0.007	0.002	0.001	0.004	0.009	0	1.66
0.34	0.09		0.008	0.001	0.002	0.004	0.01	6.1	5.19	4.48	3.66	2.68	1.68	0.86	0.33	0.09		0.008	0.001	0.002	0.004	0.01	0	1.39
0.34	0.09		0.008	0.001	0.002	0.004	0.01	6.05	5.12	4.42	3.61	2.64	1.66	0.85	0.33	0.09		0.008	0.001	0.002	0.004	0.01	0	1.54
0.33	0.09		0.008	0.001	0.002	0.004	0.009	6	5.06	4.35	3.55	2.59	1.63	0.83	0.32	0.08		0.008	0.001	0.002	0.004	0.009	0	1
0.32	0.09		0.008	0.001	0.003	0.004	0.007	5.96	5	4.29	3.48	2.53	1.59	0.8	0.31	0.08		0.008	0.001	0.003	0.004	0.007	0	2.1
0.31	0.08		0.008	0.002	0.003	0.003	0.006	5.93	4.95	4.22	3.42	2.47	1.54	0.77	0.3	0.08		0.008	0.002	0.003	0.003	0.006	0	2.18
0.3	0.08		0.007	0.003	0.003	0.003	0.005	5.91	4.9	4.16	3.35	2.4	1.48	0.74	0.28	0.07		0.007	0.003	0.003	0.003	0.005	0	1.74
0.28	0.07		0.006	0.004	0.002	0.003	0.003	5.9	4.86	4.11	3.29	2.33	1.43	0.7	0.27	0.07		0.006	0.004	0.002	0.003	0.003	0	1.49
0.26	0.07		0.004	0.004	0.001	0.002	0.002	5.9	4.82	4.06	3.22	2.27	1.37	0.67	0.25									

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.1	0.03	0.01	0.007	0.004	0.001	0	0.001	5.33	3.7	2.78	1.96	1.2	0.62	0.26	0.08	0.02	0.01	0.007	0.004	0.001	0	0.001	0	1.03
0.11	0.03	0.01	0.006	0.004	0.001	0.001	0	5.38	3.78	2.87	2.05	1.28	0.67	0.27	0.09	0.02	0.01	0.006	0.004	0.001	0.001	0	0	1.69
0.12	0.03	0.01	0.006	0.003	0.002	0.001	0	5.44	3.88	2.99	2.17	1.37	0.73	0.3	0.09	0.02	0.01	0.006	0.003	0.002	0.001	0	0	1.65
0.13	0.03	0.01	0.007	0.003	0.003		0	5.51	3.99	3.12	2.31	1.49	0.81	0.34	0.11	0.03	0.01	0.007	0.003	0.003		0	0	1.37
0.16	0.04	0.01	0.008	0.003	0.004		0	5.57	4.11	3.27	2.46	1.63	0.91	0.39	0.13	0.03	0.01	0.008	0.003	0.004		0	0	1.89
0.18	0.05	0.01	0.01	0.003	0.005		0	5.64	4.23	3.42	2.63	1.78	1.01	0.45	0.15	0.04	0.01	0.008	0.003	0.005		0	0	1.9
0.21	0.06	0.01	0.008	0	0.004		0	5.7	4.34	3.57	2.79	1.92	1.12	0.5	0.17	0.04	0.01	0.008	0	0.004		0	0	1.48
0.24	0.06	0.01		0.002			0.001	5.76	4.44	3.7	2.93	2.06	1.22	0.56	0.19	0.05	0.01		0.002			0.001	0	1.65
0.28	0.07	0.02		0.003			0.001	5.81	4.53	3.82	3.07	2.19	1.33	0.62	0.22	0.06	0.01		0.003			0.001	0	1.87
0.31	0.09	0.02		0.003			0.002	5.85	4.6	3.91	3.18	2.3	1.42	0.68	0.25	0.07	0.01		0.003			0.002	0	1.71
0.35	0.1	0.02					0.002	5.88	4.65	3.98	3.26	2.39	1.49	0.73	0.27	0.08	0.01					0.002	0	1.32
0.37	0.11	0.02					0.003	5.9	4.68	4.02	3.31	2.45	1.55	0.77	0.29	0.08	0.01					0.003	0	1.75
0.4	0.11	0.02					0.003	5.9	4.68	4.03	3.33	2.48	1.58	0.8	0.31	0.09	0.01					0.003	0	2.03
0.41	0.12	0.02					0.004	5.89	4.66	4.02	3.33	2.48	1.59	0.82	0.32	0.09	0.01					0.004	0	1.79
0.43	0.12	0.02					0.004	5.87	4.63	3.98	3.3	2.46	1.58	0.82	0.33	0.1	0.01					0.004	0	1.39
0.43	0.13						0.005	5.84	4.58	3.93	3.25	2.42	1.56	0.81	0.33	0.1						0.005	0	1.75
0.43	0.13	0.02					0.006	5.8	4.53	3.87	3.19	2.36	1.52	0.79	0.33	0.1	0.02					0.006	0	2.03
0.42	0.13	0.02		0.002			0.006	5.77	4.48	3.81	3.12	2.29	1.47	0.77	0.32	0.1	0.02		0.002			0.006	0	1.73
0.41	0.13	0.03		0.002			0.007	5.73	4.42	3.74	3.04	2.22	1.41	0.74	0.31	0.1	0.02		0.002			0.007	0	1.42
0.39	0.12	0.03		0.002			0.007	5.7	4.37	3.67	2.96	2.14	1.35	0.7	0.3	0.1	0.02		0.002			0.007	0	1.98
0.37	0.12	0.03		0.002			0.008	5.66	4.31	3.6	2.88	2.06	1.28	0.66	0.28	0.09	0.02		0.002			0.008	0	2.09
0.34	0.11	0.03		0			0.008	5.63	4.26	3.53	2.8	1.98	1.21	0.62	0.26	0.09	0.02		0			0.008	0	1.79
0.32	0.11	0.03	0.01	0.003			0.008	5.61	4.21	3.47	2.73	1.9	1.15	0.58	0.25	0.08	0.02	0.009	0.003			0.008	0	1.74
0.3	0.1	0.03	0.01	0.004			0.009	5.59	4.17	3.41	2.65	1.82	1.09	0.54	0.23	0.08	0.02	0.01	0.004			0.009	0	2.17
0.27	0.09	0.03	0.01	0.006			0.009	5.57	4.13	3.36	2.59	1.75	1.03	0.5	0.21	0.07	0.02	0.01	0.006			0.009	0	2.17
0.25	0.09	0.03	0.01	0.006			0.009	5.56	4.1	3.31	2.52	1.69	0.97	0.47	0.19	0.07	0.02	0.01	0.006			0.009	0	1.67
0.23	0.08	0.02	0.01	0.006			0.009	5.56	4.07	3.26	2.46	1.63	0.92	0.43	0.17	0.06	0.02	0.01	0.006			0.009	0	1.34
0.21	0.07	0.02	0.01	0.006			0.009	5.55	4.05	3.22	2.41	1.57	0.87	0.4	0.16	0.05	0.02	0.01	0.006			0.009	0	1.69
0.19	0.06	0.02	0.01	0.007			0.009	5.55	4.02	3.18	2.36	1.52	0.83	0.38	0.15	0.05	0.01	0.01	0.007			0.009	0	1.62
0.17	0.06	0.02	0.01	0.007			0.009	5.55	4	3.14	2.32	1.48	0.8	0.35	0.13	0.05	0.01	0.01	0.007			0.009	0	1.55
0.16	0.06	0.02	0.01	0.008			0.009	5.54	3.97	3.11	2.28	1.44	0.77	0.33	0.12	0.04	0.01	0.01	0.008			0.009	0	1.37
0.15	0.05	0.02	0.01	0.008			0.008	5.52	3.95	3.07	2.24	1.4	0.74	0.31	0.11	0.04	0.01	0.01	0.008			0.008	0	1.37
0.14	0.05	0.02	0.01	0.007			0.008	5.49	3.91	3.03	2.2	1.37	0.71	0.3	0.11	0.04	0.01	0.009	0.007			0.008	0	1.67
0.13	0.04	0.01	0.01	0.006			0.008	5.47	3.88	3	2.17	1.35	0.7	0.28	0.1	0.03	0.01	0.008	0.006			0.008	0	1.91
0.12	0.04	0.01	0.009	0.004			0.008	5.44	3.85	2.97	2.15	1.33	0.68	0.27	0.09	0.03	0.01	0.009	0.004			0.008	0	1.47
0.11	0.03	0.01	0.008	0.003			0.008	5.41	3.82	2.95	2.13	1.32	0.68	0.27	0.08	0.03	0.01	0.008	0.003			0.008	0	1.79
0.11	0.03	0.01	0.007	0.003			0.007	5.39	3.8	2.94	2.13	1.32	0.68	0.27	0.08	0.02	0.01	0.007	0.003			0.007	0	1.8
0.11	0.03	0.01	0.007	0.003			0.007	5.38	3.79	2.95	2.14	1.33	0.69	0.27	0.08	0.02	0.009	0.007	0.003			0.007	0	1.58
0.11	0.03	0.01	0.007				0.007	5.37	3.8	2.96	2.16	1.36	0.7	0.28	0.08	0.02	0.008	0.007				0.007	213.6	1.95
0.11	0.03	0.01	0.007				0.006	5.38	3.81	2.99	2.19	1.39	0.72	0.29	0.08	0.02	0.008	0.007				0.006	0	2.1
0.12	0.03	0.009	0.006				0.006	5.39	3.83	3.02	2.23	1.42	0.75	0.3	0.09	0.02	0.009	0.006				0.006	0	2.06
0.12	0.03	0.008	0.004				0.006	5.41	3.85	3.05	2.27	1.47	0.78	0.32	0.09	0.02	0.008	0.004				0.006	0	1.5
0.13	0.03	0.007	0.004				0.006	5.44	3.88	3.09	2.32	1.51	0.81	0.33	0.1	0.02	0.007	0.004				0.006	0	2.02
0.14	0.03	0.007	0.003				0.005	5.46	3.9	3.13	2.36	1.55	0.84	0.35	0.11	0.02	0.007	0.003				0.005	0	2.31
0.15	0.03	0.006	0.002				0.005	5.47	3.93	3.16	2.4	1.59	0.88	0.37	0.11	0.02	0.006	0.002				0.005	0	1.9
0.16	0.03	0.006					0.005	5.49	3.94	3.18	2.43	1.62	0.91	0.39	0.12	0.02	0.006					0.005	0	1.71
0.17	0.04	0.006					0.004	5.5	3.95	3.2	2.46	1.66	0.93	0.41	0.13	0.03	0.006					0.004	0	1.48
0.18	0.04	0.006					0.004	5.5	3.96	3.21	2.48	1.68	0.96	0.42	0.14	0.03	0.006					0.004	0	1.87
0.19	0.04						0.004	5.5	3.96	3.22	2.5	1.71	0.98	0.44	0.15	0.03						0.004	0	1.78
0.2	0.05						0.003	5.5	3.95	3.22	2.51	1.73	1	0.46	0.16	0.04						0.003	0	1.74
0.21	0.05						0.003	5.5	3.94	3.22	2.52	1.74	1.02	0.47	0.16	0.04						0.003	0	1.29
0.22	0.05						0.003	5.49	3.93	3.21	2.52	1.75	1.03	0.48	0.17	0.04						0.003	0	1.57
0.23	0.06						0.002	5.46	3.9	3.19	2.51	1.75	1.04	0.49	0.18	0.04						0.002	0	1.8
0.23	0.06						0.002	5.42	3.86	3.16	2.49	1.74	1.04	0.49	0.18	0.04						0.002	0	1.9
0.24	0.06						0.002	5.37	3.82	3.13	2.46	1.73	1.03	0.49	0.18	0.05						0.002	0	1.93
0.24	0.06						0.001	5.31	3.77	3.09	2.43	1.7	1.02	0.49	0.18	0.05						0.001	0	1.2
0.24	0.06						0.001	5.25	3.72	3.04	2.39	1.67	1	0.48	0.18	0.05						0.001	0	1.53
0.23	0.06						0.001	5.19	3.68	3	2.35	1.64	0.98	0.48	0.18	0.05						0.001	0	1.8
0.23	0.06	0.01					0.001	5.14	3.64	2.96	2.31	1.61	0.96	0.47	0.18	0.05	0.01					0.001	0	1.28
0.23	0.06	0.01					0.001	5.1	3.61	2.92	2.28	1.58	0.94	0.46	0.18	0.05	0.01					0.001	0	1.89
0.22	0.06	0.01					0.001	5.08	3.59	2.9	2.25	1.55	0.92	0.45	0.17	0.05	0.01					0.001	0	1.41
0.21	0.06	0.01			0		0	5.08																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.21	0.07	0.02	0.01	0.002	0	0.001	0	5.47	4.07	3.35	2.65	1.85	1.08	0.51	0.2	0.07	0.02	0.01	0.002	0	0.001	0	0	2.09
0.22	0.07	0.02	0.008	0.002	0	0.001	0.001	5.48	4.09	3.38	2.67	1.86	1.1	0.52	0.2	0.07	0.01	0.008	0.002	0	0.001	0.001	0	1.68
0.22	0.07	0.02	0.007		0	0	0.001	5.5	4.11	3.4	2.69	1.88	1.11	0.52	0.21	0.07	0.01	0.007		0	0	0.001	0	1.58
0.22	0.07	0.01	0.005			0	0.001	5.53	4.14	3.42	2.71	1.89	1.12	0.53	0.21	0.07	0.01	0.005			0	0.001	0	1.48
0.23	0.07	0.01	0.003			0.001	0.001	5.56	4.16	3.44	2.72	1.9	1.12	0.54	0.21	0.07	0.01	1.103			0.001	0.001	0	1.63
0.23	0.07	0.01	0.002	0.001		0.001	0.001	5.58	4.18	3.46	2.73	1.9	1.13	0.54	0.21	0.07	0.01	0.002	0.001		0.001	0.001	0	1.15
0.23	0.08	0.01	0	0.001		0.001	0.001	5.6	4.2	3.47	2.73	1.9	1.13	0.54	0.22	0.07	0.01	0	0.001		0.001	0.001	0	1.67
0.23	0.08		0	0.002		0.001	0.001	5.62	4.21	3.47	2.73	1.89	1.12	0.54	0.22	0.07		0	0.002		0.001	0.001	0	2.04
0.23	0.08		0.001	0.003		0.001	0	5.64	4.22	3.47	2.72	1.88	1.12	0.54	0.22	0.07		0.001	0.003		0.001	0	0	2.02
0.23	0.08		0.001	0.004			0	5.66	4.23	3.47	2.71	1.87	1.11	0.54	0.22	0.07		0.001	0.004			0	0	1.89
0.23	0.07		0.001	0.005			0	5.68	4.24	3.48	2.7	1.86	1.1	0.54	0.22	0.07		0.001	0.005			0	0	1.75
0.23	0.07		0	0.007			0.001	5.7	4.26	3.48	2.7	1.85	1.09	0.53	0.21	0.07		0	0.007			0.001	0	1.97
0.22	0.07	0.01	0.001	0.007			0.001	5.73	4.28	3.49	2.7	1.85	1.08	0.53	0.21	0.06	0.01	0.001	0.007			0.001	0	1.93
0.22	0.07	0.01	0.002	0.008	0.003		0.001	5.77	4.3	3.5	2.7	1.84	1.08	0.52	0.21	0.06	0.01	0.002	0.008	0.003		0.001	0	1.57
0.22	0.07	0.01	0.003	0.008	0.003		0.001	5.8	4.33	3.51	2.7	1.84	1.07	0.52	0.2	0.06	0.01	0.003	0.008	0.003		0.001	0	1.08
0.21	0.07	0.01	0.005	0.008	0.005		0	5.83	4.35	3.52	2.71	1.83	1.07	0.51	0.2	0.06	0.01	0.005	0.008	0.005		0	0	1.44
0.21	0.06	0.01	0.006	0.009	0.006	0.002	0.001	5.86	4.37	3.53	2.7	1.83	1.06	0.5	0.19	0.06	0.01	0.006	0.009	0.006	0.002	0.001	81.1	2.14
0.2	0.06	0.01	0.008	0.009	0.007	0.003	0.001	5.88	4.38	3.53	2.7	1.81	1.04	0.49	0.19	0.06	0.01	0.008	0.009	0.007	0.003	0.001	0	2.33
0.2	0.06	0.01	0.01	0.01	0.008	0.003	0.002	5.9	4.39	3.53	2.69	1.8	1.03	0.48	0.18	0.06	0.01	0.009	0.01	0.008	0.003	0.002	0	1.84
0.19	0.06	0.01	0.01	0.009	0.007	0.003	0.002	5.91	4.4	3.53	2.68	1.79	1.02	0.47	0.18	0.05	0.01	0.01	0.009	0.007	0.003	0.002	0	1.54
0.18	0.05	0.01	0.01	0.009	0.007	0.003	0.001	5.94	4.41	3.54	2.68	1.77	1	0.46	0.17	0.05	0.01	0.01	0.009	0.007	0.003	0.001	0	2.22
0.18	0.05	0.01	0.01	0.008	0.006	0.002	0.001	5.97	4.43	3.55	2.68	1.77	0.99	0.45	0.16	0.05	0.01	0.01	0.008	0.006	0.002	0.001	483.7	2.36
0.17	0.05	0.01	0.01	0.008	0.005	0.002	0.001	6.02	4.46	3.58	2.69	1.77	0.99	0.45	0.16	0.04	0.01	0.009	0.008	0.005	0.002	0.001	0	2
0.17	0.04	0.01	0.01	0.007	0.005	0.002	0.001	6.07	4.5	3.6	2.71	1.78	0.99	0.45	0.15	0.04	0.01	0.009	0.007	0.005	0.002	0.001	0	1.83
0.16	0.04	0.01	0.009	0.007	0.004	0.001	0.001	6.11	4.53	3.63	2.74	1.8	1	0.44	0.15	0.04	0.01	0.009	0.007	0.004	0.001	0.001	0	1.68
0.16	0.04	0.01	0.009	0.007	0.004	0.001	0.001	6.15	4.57	3.66	2.77	1.82	1.01	0.45	0.15	0.03	0.01	0.009	0.007	0.004	0.001	0.001	0	2.12
0.15	0.03	0.01	0.008	0.008	0.004	0.001	0.001	6.17	4.59	3.68	2.79	1.84	1.02	0.45	0.14	0.03	0.009	0.008	0.008	0.004	0.001	0.001	0	2.33
0.15	0.03	0.01	0.008	0.008	0.004	0.001	0.002	6.17	4.61	3.7	2.82	1.86	1.04	0.45	0.14	0.03	0.01	0.008	0.008	0.004	0.001	0.002	0	2.25
0.15	0.03	0.009	0.008	0.009	0.003	0.001	0.002	6.15	4.61	3.71	2.84	1.88	1.05	0.46	0.14	0.03	0.009	0.008	0.009	0.003	0.001	0.002	0	1.48
0.15	0.03	0.009	0.008	0.009	0.003	0	0.001	6.11	4.61	3.72	2.85	1.9	1.07	0.46	0.14	0.03	0.009	0.008	0.009	0.003	0	0.001	0	2.19
0.15	0.03	0.009	0.008	0.008	0.003	0	0.001	6.07	4.6	3.72	2.87	1.92	1.08	0.47	0.14	0.03	0.009	0.008	0.008	0.003	0	0.001	0	2.21
0.15	0.03	0.01	0.008	0.008		0	0.001	6.04	4.6	3.73	2.89	1.95	1.1	0.48	0.15	0.03	0.01	0.008	0.008		0	0.001	0	2.14
0.16	0.03	0.01	0.008	0.007		0	0.001	6.01	4.6	3.74	2.91	1.97	1.13	0.49	0.15	0.03	0.01	0.008	0.007		0	0.001	0	1.83
0.16	0.03	0.01	0.008	0.005		0.001	0.002	6	4.6	3.76	2.93	2	1.16	0.51	0.16	0.03	0.01	0.008	0.005		0.001	0.002	0	1.31
0.17	0.04	0.01	0.007	0.002		0.001	0.001	5.98	4.61	3.78	2.96	2.03	1.18	0.53	0.16	0.03	0.01	0.007	0.002		0.001	0.001	0	1.67
0.18	0.04	0.01	0.007	0.001		0.001	0.002	5.97	4.61	3.8	2.98	2.06	1.21	0.54	0.17	0.04	0.01	0.007	0.001		0.001	0.002	0	1.68
0.19	0.05	0.01		0.001		0.001	0.002	5.95	4.61	3.8	2.99	2.08	1.23	0.56	0.18	0.04	0.01		0.001		0.001	0.002	0	2.14
0.2	0.05	0.02		0.002		0.001	0.002	5.92	4.59	3.8	2.99	2.09	1.24	0.57	0.19	0.05	0.01		0.002		0.001	0.002	0	2.24
0.21	0.06	0.02		0.003		0	0.002	5.88	4.57	3.78	2.98	2.08	1.24	0.58	0.2	0.06	0.02		0.003		0	0.002	0	2.13
0.21	0.07	0.02		0.003		0	0.002	5.84	4.54	3.75	2.96	2.07	1.24	0.58	0.21	0.06	0.02		0.003		0	0.002	0	1.61
0.22	0.07	0.03		0.003	0.002	0	0.001	5.79	4.5	3.72	2.92	2.04	1.23	0.58	0.22	0.07	0.03		0.003	0.002	0	0.001	0	1.75
0.22	0.08	0.03		0.002	0.003	0	0.001	5.75	4.46	3.67	2.87	2	1.2	0.58	0.22	0.08	0.03		0.002	0.003	0	0.001	0	2.23
0.23	0.09	0.04		0.002	0.003		0	5.71	4.41	3.61	2.82	1.96	1.17	0.56	0.22	0.08	0.03		0.002	0.003		0	0	1.96
0.23	0.09	0.04		0.002	0.003		0.001	5.67	4.36	3.55	2.75	1.9	1.13	0.55	0.22	0.09	0.04		0.002	0.003		0.001	0	1.56
0.22	0.09	0.04		0.002	0.003		0.001	5.63	4.31	3.48	2.68	1.83	1.08	0.53	0.22	0.09	0.04		0.002	0.003		0.001	76.1	1.64
0.22	0.09	0.04		0.002	0.002		0.001	5.6	4.26	3.41	2.6	1.76	1.03	0.5	0.21	0.09	0.04		0.002	0.002		0.001	0	1.84
0.21	0.09	0.04		0.001	0.002		0.001	5.58	4.21	3.34	2.53	1.69	0.98	0.48	0.21	0.09	0.04		0.001	0.002		0.001	0	1.59
0.21	0.09	0.04	0.008	0.001	0.001		0.002	5.57	4.17	3.27	2.45	1.61	0.92	0.45	0.2	0.09	0.03	0.008	0.001	0.001		0.002	0	1.67
0.2	0.09	0.04	0.008	0.002	0.001		0.003	5.56	4.12	3.21	2.37	1.54	0.87	0.43	0.19	0.09	0.03	0.008	0.002	0.001		0.003	0	1.39
0.19	0.09	0.03	0.008		0		0.003	5.56	4.08	3.14	2.29	1.47	0.82	0.4	0.19	0.08	0.03	0.008		0		0.003	0	1.95
0.18	0.09	0.03	0.009		0.001		0.004	5.57	4.04	3.08	2.22	1.4	0.78	0.38	0.18	0.08	0.03	0.009		0.001		0.004	0	1.96
0.17	0.08	0.03	0.009		0.001		0.004	5.58	4	3.02	2.15	1.34	0.73	0.36	0.17	0.08	0.03	0.009		0.001		0.004	76.7	1.81
0.17	0.08	0.03	0.009		0.001		0.005	5.58	3.95	2.96	2.08	1.28	0.69	0.34	0.16	0.08	0.03	0.009		0.001		0.005	0	1.82
0.16	0.08	0.03	0.009		0		0.005	5.57	3.88	2.88	2	1.21	0.65	0.32	0.16	0.08	0.03	0.009		0		0.005	0	2.25
0.16	0.08	0.03	0.01	0.005	0.002		0.005	5.55	3.8	2.79	1.91	1.15	0.61	0.3	0.15	0.08	0.03	0.01	0.005	0.002		0.005	0	2.04
0.15	0.08	0.03	0.01	0.005	0.003		0.004	5.51	3.7	2.69	1.82	1.08	0.57	0.28	0.15	0.07								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
	0.003	0.001	0.002			0	0.002	5	2.62	1.45	0.69	0.23	0.06	0.01		0.003	0.001	0.002		0	0.002	0	1.67	
		0	0		0.005	0	0.003	5	2.61	1.45	0.69	0.24	0.07	0.01			0			0.005	0	0.003	0	1.27
			0.002		0.004	0.001	0.004	5.01	2.6	1.45	0.69	0.24	0.07	0.01			0	0.002		0.004	0.001	0.004	0	2.12
					0.003	0.001	0.004	5.01	2.59	1.45	0.7	0.25	0.07	0.01						0.003	0.001	0.004	0	2.25
					0.002	0.001	0.005	5.01	2.58	1.45	0.7	0.25	0.07	0.01						0.002	0.001	0.005	0	2.25
					0.001	0.002	0.006	4.99	2.56	1.44	0.7	0.26	0.07	0.01						0.001	0.002	0.006	0	1.28
				0.001	0	0.003	0.007	4.97	2.54	1.44	0.7	0.26	0.08	0.01							0.003	0.007	0	2.1
				0.003	0.001	0.002	0.004	0.008	4.94	2.52	1.43	0.7	0.27	0.08	0.01			0.003	0.001	0.002	0.004	0.008	0	2.32
				0.002	0.003	0.004	0.006	0.01	4.91	2.5	1.41	0.7	0.27	0.08	0.02			0.002	0.003	0.004	0.006	0.01	0	2.51
			0	0.005	0.005	0.007	0.01	4.87	2.47	1.4	0.7	0.27	0.08	0.02				0	0.005	0.005	0.007	0.008	0	2.03
		0.003	0.001	0.006	0.006	0.007	0.01	4.82	2.43	1.38	0.7	0.28	0.09	0.02			0.003	0.001	0.006	0.006	0.007	0.008	0	1.24
		0.004	0.002	0.007	0.006	0.007	0.01	4.78	2.4	1.36	0.69	0.28	0.09	0.02			0.004	0.002	0.007	0.006	0.007	0.007	0	2.16
		0.004	0.003	0.006	0.004	0.005	0.009	4.72	2.35	1.34	0.68	0.28	0.09	0.02			0.004	0.003	0.006	0.004	0.005	0.009	0	2.24
		0.004	0.004	0.004	0.002	0.003	0.006	4.66	2.3	1.31	0.67	0.27	0.09	0.02			0.004	0.004	0.004	0.002	0.003	0.006	0	2.3
		0.003	0.005	0.003	0	0.002	0.004	4.58	2.25	1.28	0.65	0.27	0.09	0.02			0.003	0.005	0.003	0	0.002	0.004	0	2.28
		0.002	0.007		0.001	0.001	0.002	4.51	2.19	1.24	0.63	0.26	0.09	0.02			0.002	0.007		0.001	0.001	0.002	0	1.55
		0	0.009		0.003		0	4.43	2.13	1.2	0.61	0.25	0.09	0.02			0	0.009		0.003		0	0	1.57
0.008	0.001	0.003	0.01		0.002		0	4.36	2.08	1.17	0.59	0.24	0.09	0.02		0.008	0.001	0.003	0.009	0.002		0	0	2.13
0.01	0.005	0.007	0.01		0.001		0	4.31	2.04	1.14	0.57	0.23	0.08	0.02	0.007	0.005	0.007	0.01		0.001	0	281.3	2.04	
0.01	0.007	0.008	0.01		0.001	0.001		4.27	2.01	1.12	0.56	0.23	0.08	0.02	0.008	0.007	0.008	0.01		0.001	0.001	0	1.15	
0.01	0.009	0.009	0.01		0.001	0.002		4.25	2	1.11	0.55	0.22	0.08	0.02	0.008	0.009	0.009	0.01		0.001	0.002	0	1.81	
0.01	0.009	0.009	0.01		0.002	0.004		4.26	2	1.11	0.55	0.22	0.08	0.02	0.007	0.009	0.009	0.008		0.002	0.004	0	2.26	
0.01	0.008	0.008	0.009		0.003	0.005		4.29	2.03	1.12	0.56	0.23	0.08	0.02	0.01	0.008	0.008	0.009		0.003	0.005	0	2.38	
0.01	0.009	0.008	0.007		0.002	0.007		4.34	2.07	1.14	0.57	0.24	0.08	0.02	0.008	0.009	0.008	0.007		0.002	0.005	0	1.87	
0.01	0.01	0.009	0.006		0.001	0.005		4.41	2.12	1.17	0.59	0.25	0.09	0.02	0.01	0.008	0.009	0.006		0.001	0.005	0	2.19	
0.01	0.01	0.009	0.005	0.004	0	0.003		4.47	2.17	1.2	0.61	0.26	0.1	0.03	0.01	0.009	0.009	0.005	0.004	0	0.003	0	2.42	
0.01	0.01	0.008	0.005	0.003	0.001	0.003		4.52	2.23	1.24	0.64	0.27	0.1	0.03	0.01	0.009	0.008	0.005	0.003	0.001	0.003	0	2.2	
0.01	0.01	0.008	0.004	0.003	0.001	0.003		4.57	2.28	1.28	0.66	0.28	0.11	0.03	0.01	0.008	0.008	0.004	0.003	0.001	0.003	261	1.95	
0.02	0.01	0.007	0.005	0.003	0.002	0.002		4.6	2.33	1.31	0.69	0.3	0.12	0.04	0.01	0.009	0.007	0.005	0.003	0.002	0.002	172.4	1.27	
0.02	0.01	0.007	0.006	0.004	0.003	0.001		4.63	2.38	1.35	0.71	0.31	0.12	0.04	0.01	0.009	0.007	0.006	0.004	0.003	0.001	123.7	1.52	
0.02	0.01	0.008	0.006	0.004	0.004	0.001		4.67	2.43	1.4	0.74	0.32	0.13	0.04	0.01	0.009	0.008	0.006	0.004	0.004	0.001	0	2.1	
0.02	0.01	0.008	0.007	0.005	0.005	0		4.7	2.49	1.44	0.77	0.34	0.13	0.04	0.01	0.009	0.008	0.007	0.005	0.005	0	0	2.27	
0.02	0.01	0.009	0.008	0.005	0.006	0.005	0.005	4.74	2.55	1.49	0.8	0.36	0.14	0.05	0.01	0.009	0.009	0.008	0.005	0.006	0.005	0	2.43	
0.02	0.01	0.009	0.008	0.006	0.007	0.005	0.001	4.79	2.62	1.55	0.83	0.37	0.15	0.05	0.01	0.008	0.009	0.008	0.006	0.007	0.005	0.001	109.4	1.99
0.02	0.01	0.01	0.009	0.007	0.009	0.006	0.001	4.85	2.69	1.61	0.88	0.4	0.15	0.05	0.01	0.008	0.01	0.009	0.007	0.009	0.006	0.001	0	1.72
0.02	0.01	0.01	0.01	0.008	0.01	0.006	0.002	4.91	2.76	1.67	0.92	0.42	0.16	0.05	0.01	0.008	0.008	0.01	0.008	0.009	0.006	0.002	0	2.29
0.02	0.01	0.01	0.01	0.008	0.01	0.006	0.002	4.97	2.82	1.72	0.96	0.44	0.17	0.05	0.01	0.008	0.008	0.01	0.008	0.01	0.006	0.002	0	2.33
0.02	0.01	0.01	0.01	0.008	0.01	0.006	0.002	5.01	2.88	1.78	1	0.47	0.18	0.06	0.01	0.008	0.008	0.008	0.008	0.01	0.006	0.002	0	1.93
0.02	0.01	0.01	0.01	0.007	0.01	0.006	0.002	5.05	2.93	1.83	1.04	0.49	0.19	0.06	0.01	0.008	0.008	0.008	0.007	0.01	0.006	0.002	0	1.23
0.02	0.01	0.01	0.01	0.006	0.01	0.005	0.001	5.07	2.97	1.87	1.07	0.51	0.2	0.06	0.01	0.008	0.01	0.008	0.006	0.01	0.005	0.001	0	2.07
0.02	0.01	0.009	0.01	0.005	0.01	0.005	0.001	5.1	3.01	1.91	1.11	0.53	0.21	0.07	0.02	0.009	0.009	0.008	0.005	0.01	0.005	0.001	219.6	2.22
0.02	0.01	0.009	0.01	0.004	0.01	0.004	0.001	5.12	3.05	1.96	1.14	0.55	0.22	0.07	0.02	0.009	0.009	0.01	0.004	0.01	0.004	0.001	0	2
0.02	0.01	0.009	0.01	0.004	0.01	0.004	0.001	5.15	3.1	2.01	1.18	0.57	0.23	0.08	0.02	0.01	0.009	0.01	0.004	0.009	0.004	0.001	0	1.26
0.03	0.01	0.008	0.009	0.002	0.008	0		5.19	3.15	2.06	1.22	0.6	0.25	0.08	0.02	0.01	0.008	0.009	0.002	0.008	0	0	0	1.87
0.03	0.01	0.007	0.008	0.001	0.006	0.001	0.001	5.22	3.21	2.11	1.26	0.62	0.26	0.09	0.03	0.01	0.007	0.008	0.001	0.006	0.001	0	0	1.87
0.03	0.01	0.006	0.007	0.001	0.004	0.001	0.001	5.26	3.26	2.16	1.29	0.64	0.27	0.09	0.03	0.01	0.006	0.007	0.001	0.004	0.001	0	0	1.29
0.03	0.01	0.004	0.007	0.001	0.003	0.001	0.001	5.29	3.31	2.21	1.33	0.67	0.29	0.1	0.03	0.01	0.004	0.007	0.001	0.003	0.001	0	0	1.55
0.03	0.01	0.003	0.006	0.001	0.002	0		5.32	3.35	2.25	1.37	0.7	0.3	0.11	0.03	0.009	0.003	0.006	0.001	0.002	0	0	0	1.7
0.04	0.01	0.002	0.004	0.001	0.002	0.001	0.001	5.35	3.39	2.29	1.4	0.72	0.31	0.11	0.03	0.009	0.002	0.004	0.001	0.002	0.001	0	0	1.9
0.04	0.009	0.001	0.003	0.001	0.001	0.001	0.001	5.37	3.42	2.32	1.43	0.75	0.33	0.12	0.03	0.009	0.001	0.003	0.001	0.001	0.001	0	0	1.87
0.04		0	0.001	0.001			0	5.39	3.45	2.35	1.47	0.78	0.35	0.12	0.03	0.009	0	0.001			0	0	0	1.04
0.04		0	0	0.001		0	0	5.41	3.47	2.38	1.5	0.8	0.36	0.13	0.04		0	0	0.001		0	0	0	2.01
0.04			0.001	0.001		0	0	5.43	3.5	2.41	1.53	0.83	0.38	0.14	0.04			0.001	0.001		0	0	0	2.24
0.04			0.002	0.001		0	0.001	5.44	3.52	2.44	1.56	0.85	0.39	0.15	0.04			0.002	0.001		0	0.001	0	2.2
0.05			0.002	0		0	0.002	5.44	3.54	2.47	1.59	0.88	0.41	0.15	0.04			0.002	0		0	0.002	0	1.93
0.05			0.002	0		0	0.002	5.44	3.56	2.5	1.62	0.9	0.42	0.16	0.04			0.002	0		0	0.002	0	1.58
0.05			0.002	0	0.001	0	0.002	5.44	3.58	2.52	1.64	0.91	0.43	0.16	0.04			0.002	0	0.001	0	0.002	0	1.87
0.05			0.002	0																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.07	0.02	0.01	0.01	0.01	0.006	0.002	0.001	5.56	3.97	2.96	2.01	1.15	0.55	0.21	0.07	0.02	0.01	0.01	0.01	0.006	0.002	0.001	0	1.97
0.07	0.02	0.01	0.009	0.01	0.004	0.002	0.001	5.55	3.93	2.92	1.97	1.12	0.53	0.2	0.07	0.02	0.01	0.009	0.01	0.004	0.002	0.001	0	2.29
0.07	0.02	0.01	0.009	0.01	0.003	0.002	0	5.53	3.89	2.87	1.93	1.09	0.52	0.2	0.07	0.02	0.01	0.009	0.01	0.003	0.002	0	0	2.26
0.06	0.02	0.01	0.008	0.009	0.002	0.001	0	5.5	3.84	2.82	1.88	1.05	0.49	0.18	0.06	0.02	0.01	0.008	0.009	0.002	0.001	0	0	1.67
0.06	0.02	0.01	0.009	0.008	0.002	0.001	0	5.46	3.79	2.76	1.83	1.01	0.47	0.17	0.06	0.02	0.01	0.009	0.008	0.002	0.001	0	0	1.54
0.05	0.02	0.01	0.009	0.006	0.001		0	5.43	3.74	2.7	1.77	0.97	0.44	0.16	0.05	0.02	0.01	0.009	0.006	0.001		0	0	2.13
0.05	0.02	0.01	0.009	0.005	0.001		0	5.41	3.7	2.65	1.73	0.93	0.41	0.15	0.05	0.02	0.01	0.009	0.005	0.001		0	0	2.14
0.05	0.02	0.01	0.009	0.004	0.001		0	5.4	3.67	2.62	1.69	0.89	0.39	0.14	0.05	0.02	0.01	0.009	0.004	0.001		0	0	2
0.04	0.02	0.01	0.008	0.003	0.001		0.001	5.4	3.65	2.6	1.66	0.87	0.37	0.13	0.04	0.02	0.01	0.008	0.003	0.001		0.001	0	1.71
0.04	0.02	0.01	0.007	0.003	0.001		0.001	5.42	3.65	2.58	1.64	0.84	0.35	0.12	0.04	0.02	0.01	0.007	0.003	0.001		0.001	0	1.28
0.04	0.02	0.01	0.006	0.003	0.001		0.001	5.44	3.65	2.58	1.62	0.83	0.34	0.11	0.04	0.02	0.01	0.006	0.003	0.001		0.001	0	1.88
0.04	0.02	0.01	0.005	0.003	0.001		0.001	5.46	3.66	2.58	1.61	0.81	0.33	0.11	0.04	0.02	0.01	0.005	0.003	0.001		0.001	0	2.16
0.04	0.02	0.01	0.004	0.004	0.001		0.001	5.48	3.67	2.58	1.61	0.8	0.32	0.1	0.04	0.02	0.01	0.004	0.004	0.001		0.001	0	2.11
0.04	0.02	0.01	0.005	0.005	0.002		0.002	5.5	3.68	2.58	1.6	0.79	0.31	0.1	0.03	0.02	0.01	0.005	0.005	0.002		0.002	0	1.92
0.03	0.02	0.01	0.006	0.005	0.002		0.002	5.5	3.69	2.58	1.6	0.78	0.3	0.09	0.03	0.02	0.01	0.006	0.005	0.002		0.002	117.8	1.22
0.03	0.01	0.01	0.007	0.005	0.001		0.003	5.51	3.7	2.58	1.6	0.78	0.29	0.09	0.03	0.01	0.01	0.007	0.005	0.001		0.003	0	1.94
0.03	0.01	0.01	0.008	0.005	0.002		0.002	5.53	3.71	2.59	1.6	0.78	0.29	0.08	0.03	0.01	0.01	0.008	0.005	0.002		0.002	0	2.03
0.03	0.01	0.01	0.01	0.006	0.004		0.001	5.55	3.74	2.6	1.61	0.79	0.29	0.08	0.03	0.01	0.01	0.01	0.006	0.004		0.001	0	1.94
0.03	0.01	0.01	0.01	0.005	0.004		0.001	5.58	3.77	2.63	1.63	0.8	0.3	0.08	0.02	0.01	0.01	0.01	0.005	0.004		0.001	0	1.59
0.02	0.01	0.01	0.01	0.005	0.004		0.001	5.61	3.79	2.65	1.65	0.81	0.3	0.08	0.02	0.01	0.01	0.01	0.005	0.004		0.001	0	1.76
0.02	0.01	0.01	0.009	0.004	0.003		0	5.64	3.82	2.67	1.67	0.83	0.31	0.08	0.02	0.01	0.01	0.009	0.004	0.003		0	0	1.3
0.02	0.01	0.01	0.007	0.003	0.002		0	5.66	3.83	2.69	1.69	0.84	0.32	0.09	0.02	0.01	0.009	0.007	0.003	0.002		0	0	1.76
0.02	0.01	0.009	0.005	0.003	0.001		0	5.66	3.83	2.7	1.7	0.85	0.32	0.09	0.02	0.01	0.009	0.005	0.003	0.001		0	0	2.14
0.02	0.01	0.009	0.004		0		0	5.64	3.8	2.68	1.69	0.85	0.33	0.09	0.02	0.01	0.009	0.004		0		0	0	2.17
0.02	0.01	0.008	0.003		0.001		0	5.59	3.76	2.65	1.67	0.84	0.33	0.09	0.02	0.01	0.008	0.003		0.001		0	0	1.66
0.02	0.01	0.009	0.003		0.001		0	5.53	3.7	2.6	1.64	0.83	0.32	0.09	0.02	0.01	0.009	0.003		0.001		0	0	1.6
0.03	0.01	0.009	0.003		0.002	0.001	0	5.46	3.63	2.54	1.59	0.8	0.32	0.09	0.02	0.01	0.009	0.003		0.002	0.001	0	0	1.41
0.03	0.01	0.01	0.004		0.002	0.001	0	5.4	3.55	2.47	1.54	0.77	0.31	0.09	0.02	0.01	0.009	0.004		0.002	0.001	0	0	1.96
0.03	0.01	0.01	0.004		0.001	0.001	0	5.34	3.48	2.4	1.48	0.74	0.29	0.09	0.02	0.01	0.01	0.004		0.001	0.001	0	0	2.21
0.03	0.01	0.01	0.004		0.001	0.001	0.001	5.3	3.41	2.33	1.43	0.71	0.28	0.09	0.02	0.01	0.01	0.004		0.001	0.001	0.001	0	2.31
0.03	0.01	0.01			0	0	0.001	5.28	3.36	2.27	1.37	0.67	0.27	0.08	0.02	0.01	0.009		0		0	0.001	0	2.19
0.03	0.01	0.01			0	0	0.001	5.27	3.31	2.21	1.32	0.64	0.25	0.08	0.02	0.01	0.01		0		0	0.001	0	1.89
0.03	0.01	0.009		0.003	0	0	0.002	5.26	3.28	2.16	1.27	0.61	0.24	0.08	0.02	0.01	0.009		0.003	0	0	0.002	0	1.78
0.03	0.01	0.008		0.004	0	0	0.002	5.26	3.24	2.11	1.23	0.58	0.23	0.07	0.02	0.01	0.008		0.004	0	0	0.002	0	2.33
0.03	0.01	0.008			0	0	0.002	5.26	3.21	2.07	1.18	0.54	0.21	0.07	0.02	0.01	0.008			0	0	0.002	0	2.4
0.03	0.01	0.007			0.001	0	0.001	5.25	3.17	2.02	1.14	0.51	0.2	0.07	0.02	0.01	0.007			0.001	0	0.001	0	2.19
0.03	0.01	0.007			0.001	0.001	0.001	5.23	3.14	1.98	1.1	0.48	0.18	0.06	0.02	0.01	0.007			0.001	0.001	0.001	0	1.66
0.03	0.01	0.007			0.002	0.001	0.001	5.22	3.1	1.94	1.07	0.46	0.17	0.06	0.02	0.01	0.007			0.002	0.001	0.001	0	2.1
0.03	0.01	0.007			0.002	0.001	0.001	5.21	3.08	1.91	1.04	0.44	0.16	0.05	0.02	0.01	0.007			0.002	0.001	0.001	0	2.35
0.03	0.01	0.008			0.003	0.001	0.001	5.22	3.07	1.9	1.02	0.43	0.15	0.05	0.02	0.01	0.008			0.003	0.001	0.001	0	2.47
0.03	0.01	0.008			0.003	0.002	0.001	5.24	3.07	1.9	1.01	0.42	0.14	0.05	0.02	0.01	0.008			0.003	0.002	0.001	0	2.1
0.02	0.01	0.009			0.003	0.002	0.001	5.27	3.09	1.91	1.02	0.41	0.14	0.04	0.02	0.01	0.009			0.003	0.002	0.001	0	1.76
0.02	0.01	0.009			0.003	0.002	0.002	5.3	3.11	1.92	1.02	0.41	0.13	0.04	0.02	0.01	0.009			0.003	0.002	0.002	0	2.1
0.02	0.01	0.01			0.003	0.002	0.002	5.32	3.13	1.94	1.03	0.41	0.13	0.04	0.02	0.01	0.01			0.003	0.002	0.002	0	2.36
0.02	0.01	0.01			0.003	0.001	0.002	5.33	3.15	1.95	1.03	0.41	0.12	0.04	0.02	0.01	0.01			0.003	0.001	0.002	0	2.2
0.02	0.01	0.01	0.007		0.002	0.001	0.003	5.33	3.16	1.95	1.03	0.41	0.12	0.03	0.01	0.01	0.009	0.007		0.002	0.001	0.003	0	1.86
0.02	0.01	0.01	0.007		0.001	0.001	0.003	5.32	3.15	1.95	1.03	0.4	0.12	0.03	0.01	0.01	0.009	0.007		0.001	0.001	0.003	37.6	1.47
0.02	0.01	0.01	0.007	0.002	0	0.001	0.003	5.3	3.14	1.94	1.03	0.4	0.12	0.03	0.01	0.01	0.01	0.007	0.002	0	0.001	0.003	0	2.17
0.02	0.01	0.01	0.007	0.003	0.001	0	0.003	5.27	3.12	1.92	1.01	0.39	0.11	0.03	0.01	0.01	0.01	0.007	0.003	0.001	0	0.003	0	2.24
0.02	0.01	0.01	0.007	0.002		0	0.003	5.24	3.09	1.9	1	0.39	0.11	0.03	0.01	0.01	0.01	0.007	0.002		0	0.003	0	2.26
0.02	0.01	0.01	0.007	0.002		0.001	0.002	5.22	3.06	1.87	0.98	0.38	0.11	0.03	0.01	0.01	0.01	0.007	0.002		0.001	0.002	0	1.43
0.02	0.01	0.01	0.008	0.002		0.002	0.001	5.18	3.02	1.83	0.95	0.37	0.11	0.03	0.01	0.01	0.01	0.008	0.002		0.002	0.001	454.7	1.78
0.02	0.01	0.01	0.008				0	5.14	2.97	1.79	0.92	0.35	0.1	0.03	0.01	0.01	0.01	0.008				0	0	2.07
0.01	0.01	0.01					0.002	5.09	2.91	1.73	0.89	0.34	0.1	0.03	0.01	0.01	0.01					0.002	0	2.19
0.01	0.01	0.01					0.004	5.02	2.84	1.67	0.85	0.32	0.09	0.02	0.01	0.01	0.01					0.004	0	2.17
0.01	0.01	0.01					0.007	4.94	2.76	1.61	0.81	0.3	0.08	0.02	0.01	0.01	0.01					0.007	0	2.09
0.01	0.01	0.01					0.009	4.85	2.68	1.54	0.76													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.01	0.009	0.008	0.01	0.009	0.003	0.001	0.002	4.3	2.17	1.21	0.57	0.2	0.06	0.01	0.01	0.009	0.008	0.01	0.009	0.003	0.001	0.002	0	2.24
0.01	0.01	0.01	0.01	0.009	0.003	0.001	0.002	4.27	2.16	1.2	0.57	0.2	0.06	0.02	0.01	0.01	0.01	0.01	0.009	0.003	0.001	0.002	0	2.1
0.01	0.01	0.01	0.01	0.008	0.002	0	0.002	4.24	2.15	1.19	0.56	0.2	0.06	0.02	0.01	0.01	0.01	0.01	0.008	0.002	0	0.002	0	2.14
0.01	0.01	0.01	0.01	0.009	0.002	0	0.002	4.2	2.14	1.18	0.56	0.2	0.06	0.02	0.01	0.01	0.01	0.01	0.009	0.002	0	0.002	0	1.48
0.01	0.01	0.01	0.01	0.009	0.001	0	0.002	4.18	2.14	1.19	0.56	0.21	0.07	0.02	0.01	0.01	0.01	0.01	0.009	0.001	0	0.002	0	2.04
0.01	0.01	0.01	0.01	0.009		0	0.002	4.18	2.16	1.2	0.57	0.21	0.07	0.02	0.01	0.01	0.01	0.01	0.009		0	0.002	0	2.32
0.01	0.01	0.01	0.01	0.008		0	0.002	4.2	2.19	1.22	0.59	0.22	0.07	0.03	0.01	0.01	0.01	0.01	0.008		0	0.002	0	2.45
0.01	0.01	0.01	0.01	0.008		0.001	0.002	4.25	2.24	1.26	0.62	0.24	0.08	0.03	0.01	0.009	0.009	0.01	0.008		0.001	0.002	0	2.25
0.01	0.01	0.009	0.008			0.001	0.002	4.31	2.3	1.3	0.65	0.25	0.08	0.03	0.01	0.01	0.009	0.008			0.001	0.002	0	1.39
0.01	0.009	0.008	0.006			0.002	0.003	4.39	2.37	1.35	0.68	0.27	0.09	0.03	0.01	0.009	0.008	0.006			0.002	0.003	0	2.26
0.01	0.009	0.007	0.005			0.002	0.003	4.46	2.43	1.4	0.72	0.29	0.1	0.03	0.01	0.009	0.007	0.005			0.002	0.003	0	2.25
0.01	0.01	0.007	0.004			0.002	0.003	4.51	2.47	1.44	0.74	0.3	0.11	0.03	0.01	0.01	0.007	0.004			0.002	0.003	0	1.8
0.02	0.01	0.008	0.003			0.002	0.004	4.53	2.49	1.46	0.76	0.31	0.11	0.04	0.01	0.009	0.008	0.003			0.002	0.004	0	1.68
0.02	0.01	0.009	0.003			0.002	0.004	4.53	2.5	1.47	0.78	0.32	0.12	0.04	0.01	0.01	0.009	0.003			0.002	0.004	0	2.01
0.02	0.01	0.009	0.003			0.002	0.004	4.5	2.48	1.46	0.78	0.33	0.12	0.04	0.01	0.01	0.009	0.003			0.002	0.004	0	1.65
0.02	0.01	0.01	0.003			0.002	0.004	4.46	2.44	1.44	0.77	0.33	0.13	0.04	0.01	0.01	0.01	0.003			0.002	0.004	0	1.41
0.02	0.01	0.01	0.004			0.001	0.004	4.42	2.4	1.42	0.76	0.33	0.13	0.05	0.02	0.01	0.009	0.004			0.001	0.004	0	2.11
0.02	0.01	0.01	0.004			0.001	0.004	4.38	2.36	1.39	0.75	0.34	0.14	0.05	0.02	0.01	0.01	0.004			0.001	0.004	0	2.23
0.02	0.01	0.009	0.004			0.001	0.004	4.35	2.31	1.37	0.74	0.34	0.14	0.05	0.02	0.01	0.009	0.004			0.001	0.004	0	2.34
0.02	0.01	0.009	0.004			0	0.003	4.32	2.26	1.34	0.72	0.34	0.14	0.05	0.02	0.01	0.009	0.004			0	0.003	0	2.24
0.02	0.01	0.008	0.003		0.003	0	0.003	4.29	2.21	1.31	0.71	0.34	0.15	0.06	0.02	0.01	0.008	0.003		0.003	0	0.003	0	1.91
0.02	0.01	0.008	0.003		0.003	0.001	0.002	4.25	2.16	1.28	0.69	0.34	0.15	0.06	0.02	0.01	0.008	0.003		0.003	0.001	0.002	0	2.41
0.03	0.01	0.007	0.003		0.003	0.001	0.002	4.19	2.1	1.24	0.68	0.33	0.15	0.06	0.02	0.01	0.007	0.003		0.003	0.001	0.002	0	2.42
0.03	0.01	0.007	0.003		0.003	0.001	0.001	4.12	2.04	1.19	0.66	0.33	0.15	0.06	0.02	0.01	0.007	0.003		0.003	0.001	0.001	0	2.22
0.03	0.01	0.007	0.003		0.002	0.001	0	4.05	1.97	1.15	0.64	0.32	0.15	0.07	0.03	0.01	0.007	0.003		0.002	0.001	0	0	1.58
0.03	0.01	0.007	0.005		0.001	0	0	3.97	1.9	1.11	0.62	0.32	0.15	0.07	0.03	0.01	0.007	0.005		0.001	0	67.9	0	2.23
0.03	0.01	0.008	0.006		0	0	0	3.89	1.84	1.06	0.6	0.31	0.15	0.07	0.03	0.01	0.008	0.006		0	0	0	0	2.39
0.03	0.01	0.009	0.008	0.005	0.002	0	0	3.83	1.78	1.03	0.58	0.3	0.14	0.07	0.03	0.01	0.009	0.008	0.005	0.002	0	0	0	2.27
0.03	0.01	0.009	0.009	0.005	0.003	0	0	3.77	1.73	0.99	0.56	0.29	0.14	0.07	0.03	0.01	0.009	0.009	0.005	0.003	0	0	0	1.91
0.03	0.01	0.009	0.01	0.005	0.005	0	0	3.73	1.68	0.96	0.54	0.28	0.14	0.06	0.03	0.01	0.009	0.009	0.005	0.005	0	0	0	1.64
0.03	0.01	0.01	0.01	0.005	0.005		0.001	3.69	1.64	0.94	0.53	0.27	0.13	0.06	0.03	0.01	0.01	0.01	0.005	0.005		0.001	0	2.05
0.03	0.01	0.01	0.01	0.005	0.005		0.001	3.64	1.6	0.91	0.51	0.26	0.12	0.06	0.02	0.01	0.009	0.01	0.005	0.005		0.001	0	2.3
0.03	0.01	0.01	0.01	0.005	0.005		0.001	3.59	1.57	0.88	0.49	0.25	0.12	0.06	0.02	0.01	0.009	0.01	0.005	0.005		0.001	0	2.09
0.03	0.01	0.01	0.01	0.004	0.004		0.001	3.52	1.53	0.85	0.47	0.23	0.11	0.05	0.02	0.01	0.01	0.01	0.004	0.004		0.001	0	2.17
0.02	0.01	0.01	0.01	0.005	0.003		0.001	3.45	1.49	0.83	0.44	0.22	0.1	0.05	0.02	0.01	0.01	0.01	0.005	0.003		0.001	0	1.84
0.02	0.01	0.01	0.01	0.005	0.002		0.001	3.38	1.46	0.8	0.42	0.2	0.09	0.04	0.02	0.01	0.009	0.01	0.005	0.002		0.001	0	1.21
0.02	0.01	0.01	0.01	0.005	0.001		0	3.33	1.44	0.78	0.4	0.18	0.08	0.04	0.02	0.01	0.01	0.01	0.005	0.001		0	0	2.27
0.02	0.01	0.008	0.01	0.005	0.001	0.004	0	3.29	1.43	0.77	0.39	0.17	0.07	0.03	0.01	0.009	0.008	0.01	0.005	0.001	0.004	0	0	2.36
0.01	0.008	0.007	0.01	0.005	0.001	0.003	0	3.28	1.44	0.77	0.38	0.16	0.07	0.03	0.01	0.008	0.007	0.01	0.005	0.001	0.003	0	0	2.4
0.01	0.006	0.006	0.01	0.005	0.001	0.003	0	3.29	1.45	0.77	0.38	0.16	0.07	0.03	0.01	0.006	0.006	0.01	0.005	0.001	0.003	0	0	2.17
0.01	0.004	0.003	0.009	0.004	0	0.002	0	3.31	1.47	0.78	0.38	0.15	0.06	0.02	0.01	0.004	0.003	0.009	0.004	0	0.002	0	0	1.46
0.01	0.002	0.002	0.006	0.003	0	0.001	0	3.33	1.48	0.78	0.38	0.15	0.06	0.02	0.01	0.002	0.002	0.006	0.003	0	0.001	0	0	2.16
0.01		0.001	0.003				0.001	3.35	1.48	0.78	0.37	0.15	0.06	0.02	0.01		0.001	0.003			0.001	0.001	77.3	2.26
0.01		0.002	0.001	0.001		0.001	0	3.34	1.46	0.77	0.37	0.15	0.06	0.03	0.01		0.002	0.001	0.001		0.001	0	0	2.04
0.01		0.001	0.001	0.001		0.002	0.001	3.31	1.43	0.76	0.36	0.15	0.06	0.03	0.01		0.001	0.001		0.002	0.001	0	0	1.67
0.01			0.002	0		0.002	0.001	3.27	1.39	0.73	0.35	0.15	0.07	0.03	0.01			0.002	0	0.002	0.001	0	0	1.68
0.01				0.001		0.003	0.002	3.21	1.34	0.7	0.34	0.15	0.07	0.03	0.01			0.001		0.003	0.002	0	0	1.74
0.01				0.001		0.003	0.002	3.14	1.28	0.67	0.32	0.14	0.07	0.03	0.01			0.001		0.003	0.002	0	0	1.87
0.01				0.001		0.003	0.003	3.06	1.22	0.63	0.31	0.14	0.07	0.03	0.01			0.001		0.003	0.003	0	0	1.97
0.01				0.001		0.002	0.003	2.97	1.16	0.6	0.3	0.14	0.07	0.03	0.01			0.001		0.002	0.003	0	0	1.58
0.01	0.003			0.001		0.002	0.002	2.88	1.09	0.56	0.29	0.15	0.08	0.03	0.01	0.003		0.001		0.001	0.002	0.002	0	1.81
0.01	0.003	0.001		0.001		0.002	0.002	2.78	1.04	0.53	0.28	0.15	0.08	0.04	0.01	0.003	0.001	0.001		0.001	0.002	0.002	0	2.41
0.01	0.004	0.002		0.001		0.001	0.001	2.69	0.98	0.5	0.27	0.15	0.08	0.04	0.01	0.004	0.002	0.001	0.001		0.001	0.001	0	2.31
0.01	0.005	0.003			0.001	0	0.001	2.59	0.93	0.48	0.27	0.15	0.08	0.04	0.01	0.005	0.003		0.001	0	0.001	0	0	1.92
0.01	0.006	0.005			0.001	0.001	0.001	2.52	0.9	0.47	0.27	0.16	0.09	0.04	0.01	0.006	0.005		0.001	0.001	0.001	62.4	0	1.54
0.01	0.008	0.006			0.001	0.002	0.001	2.48	0.89	0.47	0.28	0.17	0.09	0.04	0.01	0.008	0.006		0.001	0.002	0.001	0	0	2.02
0.02	0.																							

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.04	0.02	0.01	0.006	0.004	0.001		0.003	4.95	3.14	2.19	1.36	0.67	0.25	0.08	0.03	0.02	0.01	0.006	0.004	0.001		0.003	0	1.72
0.04	0.02	0.01	0.006	0.003	0		0.002	5.1	3.33	2.36	1.49	0.74	0.29	0.1	0.04	0.02	0.01	0.006		0		0.002	62.8	1.8
0.05	0.02	0.01	0.006		0		0.002	5.24	3.51	2.52	1.6	0.81	0.32	0.11	0.04	0.02	0.01	0.006		0		0.002	0	2.12
0.06	0.03	0.01	0.006		0.001		0.001	5.37	3.65	2.65	1.71	0.88	0.36	0.13	0.05	0.02	0.01	0.006		0.001		0.001	0	2.14
0.07	0.03	0.01	0.005		0		0.001	5.45	3.76	2.74	1.79	0.94	0.4	0.15	0.06	0.03	0.01	0.005		0		0.001	0	2.08
0.08	0.03	0.01	0.004	0.002	0		0	5.51	3.83	2.8	1.85	0.98	0.43	0.17	0.07	0.03	0.01	0.004	0.002	0		0	0	1.51
0.08	0.03	0.01	0.002	0.003			0	5.53	3.85	2.82	1.87	1.02	0.45	0.19	0.08	0.03	0.01	0.002	0.003		0	0	0	1.94
0.09	0.04	0.01	0.001	0.003		0.001	0	5.51	3.83	2.81	1.87	1.03	0.48	0.2	0.08	0.03	0.01	0.001	0.003		0.001	0	0	2.31
0.1	0.04		0	0.003		0.002	0	5.45	3.77	2.75	1.84	1.03	0.49	0.21	0.09	0.03		0	0.003		0.002	0	0	2.07
0.11	0.04	0.01	0.001	0.003		0.002	0	5.36	3.67	2.68	1.8	1.02	0.5	0.23	0.09	0.04	0.01	0.001	0.003		0.002	0	0	1.51
0.11	0.04	0.01	0.003	0.005		0.001	0	5.25	3.55	2.58	1.74	1	0.51	0.24	0.1	0.04	0.01	0.003	0.005		0.001	0	0	1.52
0.12	0.05	0.01	0.005	0.007	0.006	0.001	0.001	5.12	3.41	2.47	1.66	0.98	0.51	0.24	0.11	0.04	0.01	0.005	0.007	0.006	0.001	0.001	0	1.99
0.12	0.05	0.02	0.008	0.008	0.008	0.002	0.001	4.99	3.26	2.35	1.59	0.94	0.5	0.24	0.11	0.04	0.01	0.008	0.008	0.008	0.002	0.001	0	1.97
0.12	0.05	0.02	0.01	0.009	0.01	0.003	0.002	4.85	3.11	2.23	1.51	0.91	0.49	0.24	0.11	0.04	0.01	0.01	0.009	0.01	0.003	0.002	0	1.61
0.12	0.05	0.02	0.01	0.009	0.01	0.003	0.002	4.72	2.96	2.11	1.43	0.87	0.48	0.24	0.11	0.04	0.01	0.009	0.009	0.009	0.003	0.002	0	1.87
0.12	0.05	0.02	0.01	0.01	0.01	0.004	0.002	4.57	2.81	1.99	1.34	0.82	0.46	0.23	0.1	0.04	0.02	0.01	0.01	0.01	0.004	0.002	0	1.59
0.11	0.05	0.02	0.01	0.01	0.01	0.004	0.002	4.43	2.67	1.88	1.26	0.77	0.43	0.22	0.1	0.04	0.02	0.01	0.009	0.01	0.004	0.002	0	1.26
0.11	0.04	0.02	0.01	0.01	0.01	0.004	0.002	4.28	2.52	1.77	1.18	0.72	0.4	0.2	0.09	0.04	0.01	0.009	0.01	0.01	0.004	0.002	253	1.48
0.1	0.04	0.02	0.01	0.01	0.01	0.004	0.002	4.13	2.38	1.65	1.1	0.67	0.37	0.19	0.09	0.04	0.01	0.009	0.009	0.01	0.004	0.002	0	1.46
0.09	0.04	0.01	0.01	0.01	0.01	0.004	0.002	3.97	2.24	1.54	1.01	0.61	0.34	0.17	0.08	0.03	0.01	0.01	0.009	0.009	0.004	0.002	0	1.69
0.08	0.03	0.01	0.009	0.01	0.01	0.004	0.002	3.82	2.1	1.42	0.93	0.55	0.3	0.15	0.07	0.03	0.01	0.009	0.01	0.01	0.004	0.002	0	1.9
0.07	0.03	0.01	0.008	0.01	0.009	0.004	0.002	3.67	1.96	1.31	0.85	0.5	0.27	0.13	0.06	0.03	0.01	0.008	0.01	0.009	0.004	0.002	0	1.75
0.06	0.03	0.01	0.006	0.01	0.008	0.004	0.002	3.53	1.84	1.21	0.77	0.44	0.24	0.12	0.05	0.02	0.01	0.006	0.009	0.008	0.004	0.002	0	1.32
0.05	0.02	0.01	0.005	0.01	0.007	0.003	0.002	3.42	1.72	1.11	0.69	0.39	0.21	0.1	0.05	0.02	0.01	0.005	0.01	0.007	0.003	0.002	0	1.32
0.05	0.02	0.008	0.003	0.009	0.007	0.003	0.001	3.32	1.62	1.02	0.63	0.34	0.18	0.09	0.04	0.02	0.008	0.003	0.009	0.007	0.003	0.001	0	1.87
0.04	0.02	0.007	0.003	0.008	0.006		0	3.25	1.53	0.94	0.57	0.3	0.15	0.08	0.04	0.01	0.007	0.003	0.008	0.006		0	0	1.49
0.04	0.02	0.007	0.004	0.007	0.006		0.001	3.2	1.46	0.88	0.51	0.27	0.13	0.07	0.03	0.01	0.007	0.004	0.007	0.006	0.001	0	0	1.63
0.03	0.01	0.009	0.005	0.006	0.006		0.001	3.17	1.41	0.83	0.47	0.24	0.12	0.06	0.03	0.01	0.009	0.005	0.006	0.006		0.001	0	1.81
0.03	0.01	0.01	0.006	0.006	0.005		0.002	3.16	1.39	0.79	0.44	0.22	0.1	0.05	0.03	0.01	0.01	0.006	0.006	0.005		0.002	0	1.61
0.03	0.01	0.01	0.007	0.006	0.004		0.003	3.16	1.39	0.78	0.43	0.2	0.09	0.05	0.02	0.01	0.01	0.007	0.006	0.004	0.003	0	0	1.87
0.02	0.01	0.01	0.008	0.006	0.002		0.004	3.19	1.41	0.78	0.43	0.2	0.09	0.04	0.02	0.01	0.01	0.008	0.006	0.002	0.004	0	0	1.14
0.02	0.01	0.01	0.008	0.005	0.001		0.004	3.24	1.47	0.82	0.45	0.2	0.09	0.04	0.02	0.01	0.01	0.008	0.005	0.001	0.004	0	0	1.56
0.02	0.01	0.01	0.008		0		0.006	3.32	1.56	0.89	0.49	0.22	0.09	0.04	0.02	0.01	0.01	0.008		0	0.006	0	0	1.74
0.02	0.01	0.01	0.008				0.007	3.43	1.69	0.99	0.56	0.26	0.11	0.04	0.02	0.01	0.01	0.008			0.007	0	0	1.73
0.02	0.01	0.01	0.008				0.008	3.58	1.86	1.14	0.66	0.32	0.14	0.05	0.02	0.01	0.01	0.008			0.008	0	0	1.76
0.03	0.01	0.01	0.008	0.005	0.001		0.007	3.76	2.06	1.31	0.79	0.39	0.17	0.07	0.02	0.01	0.01	0.008	0.005	0.001		0.007	0	1.39
0.03	0.01	0.01	0.009	0.006	0.002		0.005	3.97	2.3	1.52	0.94	0.49	0.22	0.09	0.03	0.01	0.01	0.009	0.006	0.002		0.005	0	1.8
0.04	0.01	0.01	0.009	0.006	0.002		0.003	4.18	2.55	1.74	1.1	0.59	0.27	0.11	0.04	0.01	0.009	0.009	0.006	0.002		0.003	0	1.93
0.05	0.02	0.01	0.008	0.006	0.002		0.002	4.39	2.8	1.97	1.28	0.71	0.33	0.13	0.05	0.01	0.01	0.008	0.006	0.002		0.002	61.3	1.51
0.06	0.02	0.008	0.006	0.006	0.001		0.001	4.58	3.05	2.2	1.46	0.83	0.4	0.16	0.05	0.02	0.008	0.006	0.006	0.001		0.001	0	1.88
0.06	0.02	0.006	0.004	0.005	0		0	4.76	3.28	2.42	1.64	0.95	0.46	0.18	0.06	0.02	0.006	0.004	0.005	0		0	0	1.81
0.07	0.02	0.004	0.001			0.001	0	4.9	3.49	2.62	1.81	1.07	0.53	0.21	0.07	0.02	0.004	0.001			0.001	0	0	1.47
0.08	0.02		0.001			0.001	0.001	5.02	3.68	2.8	1.97	1.18	0.6	0.24	0.08	0.02		0.001			0.001	0.001	128.4	2.04
0.09	0.02		0.002			0.001	0.002	5.12	3.83	2.95	2.11	1.29	0.66	0.27	0.09	0.02		0.002			0.001	0.002	0	2.22
0.1	0.03		0.003	0		0.001	0.003	5.19	3.95	3.08	2.23	1.39	0.72	0.3	0.1	0.02		0.003	0		0.001	0.003	125.6	2.16
0.11	0.03			0.001		0	0.003	5.25	4.04	3.17	2.32	1.47	0.77	0.33	0.11	0.03		0.001		0	0.003		0	1.65
0.12	0.03			0.002	0.001	0	0.004	5.29	4.09	3.24	2.39	1.53	0.82	0.35	0.12	0.03		0.002	0.001	0	0.004	0	0	1.82
0.13	0.04			0.003	0.001	0	0.004	5.31	4.12	3.27	2.43	1.57	0.85	0.37	0.13	0.03		0.003	0.001	0	0.004	0	0	1.99
0.14	0.04			0.003	0.001	0.001	0.003	5.32	4.13	3.28	2.45	1.59	0.87	0.38	0.14	0.04		0.003	0.001	0.001	0.003	0	0	1.99
0.15	0.04			0.002	0	0.001	0.002	5.31	4.11	3.27	2.45	1.6	0.89	0.4	0.14	0.04		0.002	0	0.001	0.002	0	0	2.06
0.15	0.05	0.01		0.001	0	0	0	5.31	4.09	3.25	2.44	1.6	0.9	0.41	0.15	0.05	0.01		0.001	0	0	0	0	1.32
0.16	0.05	0.01	0.002	0.001	0.001		0.001	5.3	4.07	3.24	2.43	1.6	0.91	0.42	0.16	0.05	0.01	0.002	0.001	0.001	0.001	0	0	2.14
0.17	0.06	0.02	0.004	0.003	0.002		0.001	5.31	4.07	3.23	2.43	1.6	0.92	0.44	0.17	0.06	0.02	0.004	0.003	0.002	0.001	0	0	2.32
0.19	0.07	0.02	0.007	0.006	0.005		0.001	5.33	4.07	3.23	2.43	1.62	0.94	0.45	0.18	0.06	0.02	0.007	0.006	0.005	0.001	0	0	2.39
0.2	0.07	0.02	0.008	0.008	0.006		0	5.36	4.1	3.26	2.45	1.64	0.96	0.47	0.2	0.07	0.02	0.008	0.008	0.006	0	0	0	1.89
0.21	0.08	0.02	0.008	0.009	0.007		0	5.41	4.13	3.3	2.49	1.68												

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.68	0.31	0.13	0.05	0.01		0.001	0.002	6.29	5.41	4.8	4.08	3.18	2.21	1.32	0.67	0.31	0.13	0.05	0.01		0.001	0.002	0	1.93
0.68	0.32	0.14	0.05	0.01		0.001	0.003	6.28	5.4	4.8	4.08	3.19	2.22	1.32	0.67	0.31	0.13	0.05	0.01		0.001	0.003	0	1.66
0.68	0.32	0.14	0.06	0.01		0.001	0.003	6.27	5.39	4.79	4.08	3.18	2.21	1.31	0.67	0.31	0.14	0.05	0.01		0.001	0.003	0	1.92
0.68	0.32	0.15	0.06	0.01		0.001	0.004	6.25	5.37	4.78	4.06	3.17	2.2	1.31	0.66	0.31	0.14	0.06	0.01		0.001	0.004	0	2.02
0.67	0.32	0.15	0.07	0.01		0	0.004	6.24	5.35	4.76	4.04	3.15	2.19	1.29	0.66	0.31	0.14	0.06	0.01		0	0.004	0	1.8
0.66	0.32	0.15	0.07	0.02	0.009	0	0.005	6.23	5.33	4.74	4.02	3.12	2.16	1.27	0.65	0.3	0.15	0.07	0.02	0.009	0	0.005	0	1.44
0.65	0.32	0.16	0.08	0.02	0.01	0.001	0.005	6.22	5.31	4.71	3.98	3.08	2.12	1.24	0.63	0.3	0.15	0.07	0.02	0.01	0.001	0.005	0	1.65
0.64	0.32	0.16	0.08	0.03	0.01	0.002	0.005	6.22	5.28	4.67	3.94	3.04	2.08	1.22	0.62	0.3	0.15	0.08	0.02	0.01	0.002	0.005	0	2.02
0.63	0.32	0.17	0.09	0.03	0.01	0.002	0.004	6.21	5.25	4.63	3.89	2.98	2.03	1.18	0.61	0.3	0.16	0.08	0.03	0.01	0.002	0.004	0	2.07
0.62	0.32	0.17	0.09	0.03	0.01	0.004	0.004	6.2	5.21	4.58	3.83	2.92	1.98	1.15	0.6	0.3	0.16	0.09	0.03	0.01	0.004	0.004	0	1.93
0.61	0.32	0.18	0.09	0.04	0.01	0.005	0.004	6.19	5.17	4.53	3.77	2.86	1.92	1.12	0.59	0.31	0.17	0.09	0.03	0.01	0.005	0.004	0	1.77
0.59	0.32	0.18	0.1	0.04	0.01	0.005	0.003	6.16	5.12	4.46	3.7	2.79	1.87	1.08	0.57	0.3	0.17	0.09	0.04	0.01	0.005	0.003	0	2.19
0.58	0.32	0.18	0.1	0.04	0.01	0.006	0.003	6.13	5.06	4.39	3.62	2.72	1.81	1.05	0.56	0.3	0.17	0.09	0.04	0.01	0.006	0.003	0	2.07
0.57	0.31	0.18	0.1	0.04	0.01	0.006	0.003	6.08	4.99	4.31	3.54	2.64	1.75	1.01	0.54	0.3	0.17	0.09	0.04	0.01	0.006	0.003	0	1.81
0.55	0.31	0.18	0.1	0.05	0.01	0.007	0.003	6.03	4.92	4.23	3.45	2.56	1.69	0.98	0.53	0.29	0.17	0.09	0.04	0.01	0.007	0.003	0	1.71
0.54	0.3	0.18	0.1	0.05	0.01	0.007	0.002	5.96	4.83	4.13	3.36	2.48	1.64	0.94	0.51	0.29	0.17	0.09	0.04	0.01	0.007	0.002	0	1.88
0.53	0.3	0.18	0.1	0.05	0.01	0.008	0.002	5.89	4.74	4.03	3.27	2.4	1.58	0.92	0.5	0.28	0.16	0.09	0.04	0.01	0.008	0.002	0	2.12
0.51	0.29	0.17	0.1	0.05	0.01	0.008	0.002	5.82	4.65	3.94	3.18	2.33	1.53	0.89	0.49	0.27	0.16	0.09	0.04	0.01	0.008	0.002	0	1.77
0.51	0.28	0.17	0.1	0.05	0.01	0.009	0.002	5.76	4.56	3.85	3.09	2.26	1.49	0.87	0.48	0.27	0.16	0.09	0.04	0.01	0.009	0.002	0	1.23
0.5	0.28	0.16	0.09	0.05	0.02	0.01	0.001	5.69	4.48	3.77	3.02	2.21	1.46	0.86	0.47	0.26	0.15	0.09	0.04	0.01	0.01	0.001	0	1.73
0.5	0.28	0.16	0.09	0.05	0.02	0.01	0.001	5.63	4.42	3.7	2.96	2.17	1.44	0.85	0.47	0.26	0.15	0.08	0.04	0.01	0.01	0.001	0	1.77
0.5	0.28	0.16	0.09	0.05	0.02	0.01	0.002	5.58	4.36	3.65	2.91	2.14	1.42	0.85	0.47	0.26	0.15	0.08	0.04	0.02	0.01	0.002	0	1.76
0.5	0.28	0.16	0.09	0.05	0.02	0.01	0.004	5.54	4.33	3.61	2.89	2.13	1.43	0.85	0.48	0.26	0.14	0.08	0.04	0.02	0.01	0.004	0	1.36
0.51	0.28	0.15	0.09	0.05	0.02	0.01	0.006	5.5	4.3	3.59	2.88	2.13	1.44	0.87	0.48	0.26	0.14	0.08	0.04	0.02	0.01	0.006	0	1.48
0.52	0.28	0.15	0.08	0.05	0.02	0.01	0.006	5.47	4.29	3.59	2.89	2.15	1.46	0.89	0.49	0.26	0.14	0.07	0.04	0.02	0.01	0.006	0	1.54
0.54	0.28	0.15	0.07	0.04	0.02	0.01	0.005	5.45	4.3	3.6	2.92	2.19	1.5	0.91	0.5	0.26	0.13	0.07	0.04	0.02	0.01	0.005	0	1.48
0.55	0.28	0.14	0.07	0.04	0.02	0.01	0.005	5.44	4.32	3.63	2.97	2.24	1.55	0.95	0.52	0.26	0.13	0.06	0.03	0.02	0.01	0.005	0	1.42
0.58	0.29	0.14	0.06	0.03	0.02	0.01	0.004	5.44	4.35	3.68	3.03	2.31	1.61	0.99	0.54	0.27	0.13	0.05	0.03	0.01	0.01	0.004	0	1.47
0.6	0.29	0.13	0.05	0.03	0.01	0.01	0.003	5.45	4.39	3.74	3.11	2.39	1.68	1.03	0.56	0.27	0.12	0.05	0.02	0.01	0.01	0.003	0	1.76
0.63	0.3	0.13	0.05	0.02	0.01	0.009	0.002	5.45	4.43	3.8	3.18	2.47	1.75	1.09	0.59	0.28	0.12	0.04	0.02	0.01	0.009	0.002	0	1.33
0.66	0.31	0.13	0.04	0.02	0.01	0.006	0.001	5.46	4.47	3.86	3.26	2.55	1.82	1.14	0.62	0.29	0.12	0.04	0.02	0.009	0.006	0.001	0	1.19
0.7	0.32	0.13	0.03	0.01	0.007		0	5.46	4.49	3.9	3.32	2.62	1.89	1.2	0.65	0.3	0.12	0.03	0.01	0.007		0	0	1.81
0.73	0.34	0.13	0.03	0.01	0.004		0.002	5.45	4.5	3.94	3.37	2.68	1.95	1.25	0.68	0.31	0.12	0.03	0.01	0.004		0.002	0	1.86
0.76	0.35	0.13	0.03	0.01			0.001	5.44	4.51	3.96	3.4	2.74	2.01	1.29	0.71	0.33	0.12	0.03	0.01		0.001	0	1.56	
0.79	0.37	0.14	0.03	0.01			0	5.42	4.51	3.97	3.43	2.77	2.06	1.34	0.74	0.34	0.13	0.03	0.01			0	0	1.47
0.82	0.38	0.14	0.03	0.01		0.001	0.001	5.4	4.5	3.97	3.44	2.8	2.09	1.37	0.77	0.36	0.13	0.03	0.01		0.001	0.001	0	1.61
0.85	0.4	0.15	0.04	0.01		0.001	0.001	5.38	4.49	3.97	3.45	2.82	2.12	1.4	0.79	0.37	0.14	0.03	0.01		0.001	0.001	0	1.48
0.87	0.41	0.16	0.04	0.01		0.001	0.002	5.37	4.49	3.97	3.46	2.83	2.14	1.43	0.82	0.39	0.14	0.03	0.01		0.001	0.002	0	1.73
0.89	0.43	0.16	0.04	0.009		0.001	0.003	5.38	4.49	3.97	3.46	2.84	2.16	1.45	0.83	0.4	0.15	0.04	0.009		0.001	0.003	0	1.92
0.9	0.44	0.16	0.04			0	0.004	5.39	4.5	3.98	3.47	2.85	2.17	1.46	0.85	0.41	0.15	0.04			0	0.004	0	1.98
0.91	0.44	0.17	0.04		0.002	0	0.005	5.4	4.51	3.99	3.47	2.86	2.18	1.47	0.86	0.41	0.15	0.04		0.002	0	0.005	0	1.77
0.91	0.45	0.17	0.04		0.003	0.001	0.005	5.42	4.52	3.99	3.47	2.85	2.17	1.47	0.86	0.42	0.16	0.04		0.003	0.001	0.005	0	1.59
0.91	0.45	0.17	0.04		0.004	0.001	0.005	5.44	4.52	4	3.47	2.85	2.16	1.47	0.86	0.42	0.16	0.04		0.004	0.001	0.005	0	2.05
0.9	0.45	0.17	0.05		0.004	0	0.004	5.44	4.52	3.99	3.46	2.83	2.14	1.45	0.85	0.42	0.16	0.04		0.004	0	0.004	0	2.21
0.89	0.45	0.18	0.05			0	0.003	5.45	4.52	3.98	3.44	2.8	2.11	1.43	0.84	0.42	0.17	0.05			0	0.003	0	2.05
0.87	0.44	0.18	0.05	0.01		0.001	0.001	5.44	4.5	3.96	3.41	2.76	2.08	1.4	0.82	0.42	0.17	0.05	0.01		0.001	0.001	0	1.37
0.86	0.44	0.19	0.06	0.02		0.001	0	5.44	4.5	3.94	3.38	2.72	2.04	1.37	0.81	0.41	0.17	0.05	0.02		0.001	0	0	2.17
0.84	0.44	0.19	0.07	0.02	0.008	0.001	0.001	5.45	4.49	3.93	3.35	2.69	2	1.34	0.79	0.41	0.18	0.06	0.02	0.008	0.001	0.001	0	2.15
0.83	0.44	0.2	0.07	0.03	0.01	0.004	0.002	5.46	4.5	3.92	3.33	2.66	1.96	1.31	0.78	0.41	0.18	0.07	0.03	0.01	0.004	0.002	0	1.93
0.81	0.43	0.2	0.08	0.03	0.01	0.005	0.003	5.49	4.52	3.92	3.32	2.64	1.94	1.29	0.77	0.41	0.19	0.07	0.03	0.01	0.005	0.003	0	1.65
0.81	0.43	0.2	0.08	0.03	0.01	0.005	0.002	5.53	4.55	3.94	3.33	2.63	1.93	1.28	0.77	0.41	0.19	0.07	0.03	0.01	0.005	0.002	0	1.75
0.81	0.44	0.21	0.08	0.03	0.01	0.005	0.002	5.58	4.59	3.98	3.36	2.65	1.94	1.29	0.77	0.41	0.19	0.08	0.03	0.01	0.005	0.002	0	1.55
0.83	0.45	0.21	0.09	0.04	0.01	0.006	0.003	5.64	4.65	4.03	3.41	2.7	1.97	1.31	0.79	0.43	0.2	0.08	0.03	0.01	0.006	0.003	0	1.74
0.85	0.47	0.22	0.09	0.04	0.01	0.006	0.002	5.69	4.71	4.09	3.47	2.75	2.02	1.35	0.81	0.44	0.21	0.09	0.03	0.01	0.006	0.002	0	1.4
0.89	0.49	0.24	0.1	0.04	0.01	0.007	0.002	5.75	4.77	4.16	3.54													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.83	1.24	0.76	0.41	0.19	0.08	0.02	0.006	5.46	4.81	4.4	4	3.51	2.98	2.38	1.76	1.19	0.72	0.39	0.18	0.07	0.02	0.006	0	2.03
1.85	1.26	0.78	0.42	0.2	0.08	0.02	0.006	5.45	4.8	4.4	4	3.52	2.99	2.39	1.78	1.21	0.74	0.4	0.19	0.07	0.02	0.006	0	1.69
1.87	1.28	0.79	0.44	0.21	0.08	0.02	0.006	5.43	4.79	4.4	4	3.53	3	2.41	1.8	1.23	0.75	0.41	0.19	0.08	0.02	0.006	0	2.17
1.89	1.3	0.81	0.45	0.21	0.09	0.02	0.006	5.41	4.77	4.39	4	3.53	3.01	2.42	1.82	1.25	0.77	0.42	0.2	0.08	0.02	0.006	0	1.97
1.91	1.32	0.83	0.46	0.22	0.09	0.03	0.007	5.38	4.76	4.38	3.99	3.53	3.01	2.43	1.83	1.27	0.79	0.43	0.21	0.09	0.02	0.007	0	1.74
1.93	1.34	0.84	0.47	0.23	0.1	0.03	0.007	5.34	4.73	4.36	3.98	3.52	3.01	2.44	1.85	1.28	0.8	0.45	0.21	0.09	0.02	0.007	0	1.89
1.94	1.36	0.86	0.48	0.24	0.1	0.03	0.008	5.31	4.71	4.34	3.97	3.51	3.01	2.45	1.86	1.3	0.82	0.46	0.22	0.09	0.03	0.008	0	1.44
1.96	1.39	0.88	0.5	0.25	0.1	0.03	0.008	5.28	4.69	4.33	3.96	3.51	3.01	2.46	1.88	1.32	0.84	0.47	0.23	0.1	0.03	0.008	0	2.11
1.98	1.41	0.91	0.51	0.26	0.11	0.03	0.008	5.27	4.68	4.32	3.95	3.51	3.01	2.47	1.9	1.35	0.86	0.49	0.24	0.1	0.03	0.008	0	2.31
2.01	1.44	0.93	0.53	0.27	0.11	0.03	0.008	5.26	4.67	4.32	3.95	3.51	3.02	2.48	1.92	1.37	0.88	0.5	0.25	0.1	0.03	0.008	0	2.02
2.03	1.47	0.95	0.54	0.28	0.12	0.03	0.009	5.27	4.67	4.32	3.96	3.52	3.03	2.5	1.94	1.4	0.91	0.51	0.26	0.11	0.03	0.009	0	1.75
2.06	1.5	0.98	0.56	0.28	0.12	0.04	0.009	5.28	4.67	4.33	3.96	3.53	3.05	2.52	1.96	1.43	0.93	0.53	0.27	0.11	0.03	0.009	0	1.52
2.08	1.52	1	0.58	0.29	0.12	0.04	0.009	5.29	4.67	4.33	3.97	3.54	3.06	2.53	1.99	1.45	0.95	0.54	0.27	0.11	0.03	0.009	0	1.59
2.1	1.55	1.03	0.59	0.3	0.13	0.04	0.009	5.31	4.67	4.34	3.98	3.55	3.07	2.55	2.01	1.48	0.97	0.56	0.28	0.12	0.03	0.009	0	1.92
2.12	1.57	1.05	0.61	0.31	0.13	0.04	0.009	5.31	4.67	4.34	3.98	3.55	3.08	2.56	2.02	1.5	0.99	0.58	0.29	0.12	0.04	0.009	0	2.05
2.13	1.59	1.07	0.62	0.32	0.13	0.04	0.009	5.31	4.66	4.34	3.97	3.55	3.08	2.57	2.04	1.51	1.01	0.59	0.3	0.12	0.04	0.009	0	1.99
2.14	1.6	1.08	0.64	0.32	0.13	0.04	0.009	5.3	4.65	4.33	3.97	3.55	3.08	2.57	2.05	1.53	1.03	0.6	0.3	0.13	0.04	0.009	0	2.02
2.15	1.61	1.09	0.65	0.33	0.14	0.04	0.009	5.28	4.64	4.32	3.96	3.54	3.08	2.58	2.06	1.54	1.04	0.61	0.31	0.13	0.04	0.009	0	1.67
2.15	1.62	1.1	0.65	0.33	0.14	0.05	0.009	5.26	4.63	4.31	3.96	3.54	3.08	2.58	2.07	1.55	1.05	0.62	0.31	0.13	0.04	0.009	0	1.68
2.15	1.63	1.11	0.66	0.33	0.14	0.05	0.008	5.25	4.64	4.31	3.95	3.54	3.08	2.59	2.08	1.57	1.07	0.63	0.32	0.13	0.04	0.008	0	1.79
2.15	1.63	1.12	0.66	0.34	0.14	0.05	0.009	5.24	4.64	4.31	3.96	3.54	3.09	2.59	2.09	1.58	1.08	0.63	0.32	0.13	0.04	0.009	0	1.99
2.16	1.64	1.12	0.66	0.34	0.14	0.05	0.009	5.24	4.66	4.31	3.96	3.55	3.1	2.61	2.1	1.59	1.08	0.64	0.32	0.14	0.04	0.009	0	1.62
2.16	1.64	1.12	0.67	0.34	0.15	0.05	0.009	5.26	4.68	4.32	3.98	3.57	3.11	2.62	2.11	1.6	1.09	0.64	0.33	0.14	0.04	0.009	0	1.38
2.16	1.64	1.13	0.67	0.34	0.15	0.05	0.01	5.27	4.71	4.34	4	3.58	3.13	2.64	2.13	1.61	1.1	0.65	0.33	0.14	0.05	0.01	0	1.27
2.16	1.65	1.13	0.67	0.35	0.15	0.05	0.01	5.29	4.73	4.36	4.01	3.6	3.14	2.65	2.14	1.62	1.11	0.65	0.33	0.14	0.05	0.01	0	1.25
2.17	1.65	1.14	0.68	0.35	0.16	0.05	0.01	5.31	4.75	4.37	4.03	3.61	3.16	2.66	2.15	1.64	1.12	0.66	0.34	0.15	0.05	0.01	0	1.93
2.17	1.65	1.14	0.68	0.35	0.16	0.06	0.01	5.32	4.76	4.38	4.04	3.63	3.17	2.68	2.16	1.65	1.13	0.67	0.34	0.15	0.05	0.01	0	2.15
2.17	1.66	1.15	0.69	0.36	0.16	0.06	0.01	5.33	4.77	4.39	4.06	3.64	3.18	2.69	2.18	1.66	1.14	0.68	0.35	0.16	0.05	0.01	0	1.84
2.17	1.66	1.15	0.7	0.36	0.16	0.06	0.01	5.34	4.78	4.4	4.07	3.65	3.2	2.7	2.19	1.67	1.15	0.69	0.36	0.16	0.05	0.01	0	1.63
2.18	1.67	1.16	0.7	0.37	0.16	0.06	0.01	5.35	4.79	4.41	4.08	3.67	3.21	2.71	2.2	1.68	1.16	0.7	0.36	0.16	0.06	0.01	62.3	2.05
2.18	1.67	1.17	0.71	0.37	0.17	0.06	0.01	5.36	4.8	4.42	4.09	3.68	3.22	2.73	2.21	1.69	1.17	0.71	0.37	0.16	0.06	0.01	0	2.44
2.18	1.68	1.17	0.72	0.38	0.17	0.06	0.01	5.36	4.8	4.43	4.1	3.69	3.23	2.74	2.22	1.7	1.18	0.71	0.37	0.17	0.06	0.01	0	2.2
2.19	1.68	1.17	0.72	0.38	0.17	0.06	0.01	5.36	4.81	4.44	4.11	3.7	3.24	2.75	2.23	1.71	1.18	0.72	0.38	0.17	0.06	0.01	0	1.69
2.19	1.68	1.18	0.72	0.38	0.17	0.06	0.01	5.36	4.82	4.44	4.11	3.7	3.25	2.75	2.24	1.71	1.19	0.72	0.38	0.17	0.06	0.01	0	2.24
2.19	1.68	1.18	0.72	0.39	0.17	0.06	0.01	5.36	4.82	4.45	4.12	3.71	3.26	2.76	2.24	1.71	1.19	0.73	0.38	0.17	0.06	0.01	0	2.47
2.19	1.68	1.18	0.73	0.39	0.18	0.07	0.01	5.35	4.82	4.45	4.12	3.71	3.26	2.76	2.24	1.71	1.19	0.73	0.38	0.17	0.06	0.01	0	2.32
2.19	1.68	1.18	0.73	0.39	0.18	0.07	0.01	5.34	4.81	4.45	4.12	3.71	3.26	2.77	2.24	1.71	1.19	0.73	0.39	0.17	0.06	0.01	0	1.41
2.19	1.68	1.18	0.73	0.39	0.18	0.07	0.01	5.33	4.8	4.44	4.11	3.71	3.26	2.76	2.24	1.71	1.19	0.73	0.39	0.17	0.06	0.01	0	1.81
2.19	1.68	1.17	0.73	0.39	0.18	0.07	0.01	5.32	4.78	4.43	4.11	3.7	3.25	2.76	2.24	1.7	1.18	0.73	0.39	0.17	0.06	0.01	0	1.62
2.19	1.67	1.17	0.73	0.39	0.17	0.06	0.01	5.31	4.77	4.43	4.1	3.7	3.25	2.76	2.23	1.7	1.18	0.73	0.39	0.17	0.06	0.01	0	1.74
2.19	1.67	1.17	0.73	0.39	0.17	0.06	0.01	5.31	4.76	4.43	4.09	3.69	3.25	2.75	2.22	1.69	1.17	0.73	0.38	0.17	0.06	0.01	0	1.84
2.19	1.67	1.16	0.73	0.39	0.17	0.06	0.01	5.32	4.76	4.43	4.1	3.7	3.25	2.75	2.22	1.68	1.17	0.72	0.38	0.17	0.06	0.01	0	2.1
2.2	1.67	1.16	0.72	0.38	0.17	0.06	0.01	5.32	4.76	4.43	4.1	3.7	3.25	2.75	2.22	1.67	1.16	0.72	0.38	0.16	0.06	0.01	0	1.81
2.2	1.67	1.16	0.72	0.38	0.17	0.06	0.01	5.33	4.76	4.44	4.1	3.71	3.26	2.75	2.21	1.67	1.15	0.71	0.37	0.16	0.06	0.01	0	1.86
2.21	1.67	1.16	0.71	0.38	0.17	0.06	0.01	5.34	4.77	4.45	4.11	3.71	3.26	2.75	2.21	1.66	1.14	0.7	0.37	0.16	0.05	0.01	0	2.19
2.22	1.67	1.15	0.71	0.37	0.16	0.06	0.01	5.34	4.77	4.45	4.11	3.72	3.26	2.75	2.21	1.66	1.14	0.7	0.36	0.16	0.05	0.01	0	2.17
2.23	1.68	1.15	0.71	0.37	0.16	0.05	0.01	5.34	4.77	4.45	4.11	3.72	3.26	2.75	2.2	1.65	1.13	0.69	0.36	0.15	0.05	0.01	0	1.84
2.24	1.68	1.15	0.71	0.37	0.16	0.05	0.01	5.33	4.77	4.44	4.11	3.71	3.26	2.75	2.2	1.65	1.12	0.68	0.35	0.15	0.05	0.01	0	2.16
2.25	1.69	1.16	0.7	0.36	0.15	0.05	0.01	5.33	4.76	4.43	4.1	3.71	3.26	2.74	2.19	1.64	1.12	0.68	0.35	0.15	0.05	0.01	0	2.42
2.26	1.69	1.16	0.7	0.36	0.15	0.05	0.01	5.32	4.74	4.42	4.09	3.7	3.25	2.74	2.19	1.64	1.12	0.67	0.34	0.14	0.05	0.01	0	2.01
2.27	1.7	1.17	0.71	0.36	0.15	0.05	0.01	5.3	4.73	4.4	4.08	3.68	3.24	2.73	2.18	1.63	1.12	0.67	0.34	0.14	0.05	0.01	0	1.89
2.28	1.71	1.17	0.71	0.36	0.15	0.05	0.01	5.28	4.7	4.37	4.06	3.67	3.22	2.72	2.17	1.63	1.12	0.67	0.34	0.14	0.05	0.01	0	2.31
2.28	1.72	1.18	0.72	0.37	0.15	0.05	0.01	5.24	4.67	4.34	4.03	3.64	3.2	2.7	2.16	1.63	1.12	0.68	0.34	0.14	0.05	0.009	0	2.25
2.29	1.73	1.19	0.72	0.37	0.15	0.05	0.01	5.2	4.63	4.3	4	3.61	3.18	2.68	2.16	1.63	1.12	0.68	0.35	0.14	0.05			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.31	1.74	1.17	0.7	0.36	0.15	0.05	0.01	4.73	4.28	4.01	3.75	3.43	3.04	2.6	2.1	1.58	1.07	0.63	0.32	0.13	0.04	0.01	0	1.74
2.3	1.73	1.17	0.69	0.35	0.14	0.04	0.01	4.74	4.29	4.03	3.77	3.44	3.06	2.61	2.11	1.59	1.07	0.63	0.32	0.13	0.04	0.01	0	1.69
2.3	1.73	1.17	0.69	0.35	0.14	0.04	0.009	4.76	4.3	4.05	3.79	3.46	3.07	2.62	2.12	1.59	1.07	0.63	0.32	0.13	0.04	0.009	0	1.33
2.29	1.72	1.16	0.69	0.35	0.14	0.04	0.009	4.78	4.31	4.07	3.8	3.47	3.09	2.63	2.13	1.6	1.08	0.64	0.32	0.13	0.04	0.009	0	1.84
2.28	1.72	1.16	0.69	0.34	0.14	0.04	0.008	4.79	4.32	4.08	3.81	3.49	3.1	2.64	2.14	1.61	1.09	0.64	0.32	0.13	0.04	0.008	0	1.78
2.28	1.72	1.17	0.69	0.34	0.14	0.04	0.008	4.8	4.34	4.1	3.83	3.5	3.11	2.66	2.15	1.62	1.1	0.64	0.32	0.13	0.04	0.008	0	1.47
2.28	1.72	1.17	0.69	0.34	0.14	0.04	0.008	4.81	4.35	4.12	3.84	3.52	3.13	2.67	2.16	1.63	1.11	0.65	0.32	0.13	0.04	0.008	0	1.69
2.28	1.73	1.18	0.7	0.35	0.14	0.04	0.008	4.82	4.36	4.13	3.86	3.53	3.14	2.69	2.18	1.65	1.12	0.66	0.33	0.13	0.04	0.008	0	1.65
2.28	1.73	1.18	0.71	0.35	0.15	0.05	0.009	4.83	4.37	4.14	3.86	3.54	3.15	2.7	2.19	1.66	1.13	0.67	0.33	0.14	0.04	0.009	0	1.48
2.27	1.73	1.19	0.71	0.36	0.15	0.05	0.009	4.83	4.38	4.14	3.87	3.55	3.16	2.71	2.2	1.67	1.15	0.68	0.34	0.14	0.04	0.009	0	2.24
2.27	1.73	1.2	0.72	0.37	0.16	0.05	0.01	4.83	4.39	4.15	3.87	3.55	3.16	2.71	2.21	1.68	1.16	0.69	0.35	0.15	0.05	0.009	0	2.32
2.27	1.74	1.21	0.73	0.38	0.16	0.05	0.01	4.82	4.39	4.15	3.88	3.56	3.17	2.72	2.22	1.7	1.17	0.71	0.36	0.15	0.05	0.01	0	1.28
2.26	1.74	1.22	0.74	0.39	0.17	0.06	0.01	4.82	4.4	4.15	3.88	3.56	3.18	2.73	2.23	1.71	1.19	0.72	0.37	0.16	0.05	0.01	0	2.33
2.26	1.75	1.23	0.75	0.4	0.17	0.06	0.01	4.82	4.4	4.15	3.89	3.57	3.18	2.74	2.24	1.72	1.21	0.74	0.38	0.17	0.06	0.01	0	2.28
2.26	1.75	1.24	0.77	0.41	0.18	0.06	0.01	4.83	4.41	4.16	3.9	3.58	3.19	2.75	2.26	1.74	1.22	0.75	0.4	0.17	0.06	0.01	0	2.09
2.27	1.76	1.25	0.78	0.42	0.19	0.07	0.01	4.83	4.42	4.16	3.9	3.58	3.2	2.76	2.27	1.76	1.24	0.77	0.41	0.18	0.06	0.01	0	1.64
2.27	1.77	1.27	0.8	0.43	0.19	0.07	0.01	4.84	4.44	4.17	3.91	3.59	3.21	2.77	2.28	1.78	1.26	0.79	0.42	0.19	0.07	0.01	0	1.21
2.27	1.78	1.28	0.82	0.45	0.2	0.07	0.01	4.84	4.44	4.17	3.92	3.6	3.22	2.78	2.3	1.79	1.28	0.81	0.44	0.19	0.07	0.01	0	2
2.28	1.79	1.3	0.83	0.46	0.21	0.08	0.01	4.84	4.45	4.18	3.93	3.6	3.22	2.79	2.31	1.81	1.3	0.83	0.45	0.2	0.07	0.01	0	2.28
2.28	1.8	1.31	0.85	0.47	0.21	0.08	0.02	4.84	4.45	4.18	3.93	3.61	3.23	2.79	2.32	1.82	1.32	0.85	0.46	0.21	0.08	0.01	0	1.93
2.28	1.81	1.32	0.86	0.48	0.22	0.08	0.02	4.83	4.45	4.18	3.93	3.61	3.23	2.79	2.32	1.83	1.33	0.86	0.47	0.21	0.08	0.01	0	1.68
2.28	1.81	1.33	0.87	0.49	0.22	0.09	0.02	4.83	4.44	4.18	3.93	3.61	3.23	2.8	2.33	1.84	1.35	0.88	0.48	0.22	0.08	0.02	0	1.8
2.28	1.82	1.34	0.88	0.5	0.23	0.09	0.02	4.83	4.44	4.18	3.93	3.61	3.23	2.8	2.33	1.85	1.36	0.89	0.49	0.22	0.08	0.02	0	1.94
2.29	1.82	1.35	0.89	0.5	0.23	0.09	0.02	4.83	4.44	4.19	3.94	3.62	3.24	2.81	2.34	1.86	1.37	0.9	0.5	0.23	0.09	0.02	0	1.83
2.29	1.83	1.36	0.9	0.51	0.24	0.09	0.02	4.84	4.45	4.21	3.95	3.63	3.25	2.82	2.35	1.87	1.38	0.9	0.51	0.23	0.09	0.02	0	2.03
2.3	1.84	1.36	0.9	0.51	0.24	0.09	0.02	4.86	4.47	4.22	3.96	3.64	3.26	2.83	2.36	1.88	1.39	0.91	0.51	0.24	0.09	0.02	0	1.74
2.31	1.85	1.37	0.91	0.52	0.25	0.1	0.02	4.87	4.48	4.24	3.98	3.66	3.28	2.84	2.37	1.89	1.39	0.92	0.52	0.24	0.09	0.02	0	2.06
2.32	1.85	1.37	0.92	0.53	0.25	0.1	0.02	4.89	4.5	4.25	3.99	3.67	3.29	2.85	2.38	1.9	1.4	0.93	0.53	0.25	0.09	0.02	0	1.92
2.33	1.86	1.38	0.92	0.53	0.26	0.1	0.02	4.9	4.52	4.26	4.01	3.68	3.3	2.86	2.39	1.9	1.41	0.93	0.53	0.25	0.1	0.02	0	1.43
2.33	1.87	1.39	0.92	0.53	0.26	0.1	0.02	4.91	4.53	4.28	4.02	3.7	3.31	2.87	2.4	1.91	1.41	0.94	0.53	0.25	0.1	0.02	0	1.27
2.34	1.87	1.39	0.93	0.54	0.26	0.1	0.02	4.91	4.54	4.28	4.03	3.7	3.32	2.88	2.41	1.92	1.42	0.94	0.54	0.26	0.1	0.02	0	1.48
2.35	1.88	1.39	0.93	0.54	0.26	0.1	0.02	4.92	4.55	4.29	4.03	3.71	3.33	2.89	2.42	1.93	1.42	0.94	0.54	0.26	0.1	0.02	0	1.07
2.35	1.89	1.4	0.93	0.54	0.26	0.1	0.02	4.92	4.56	4.3	4.04	3.72	3.34	2.9	2.43	1.93	1.43	0.95	0.55	0.26	0.09	0.02	0	1.41
2.36	1.89	1.41	0.94	0.55	0.26	0.1	0.02	4.93	4.58	4.31	4.06	3.73	3.35	2.91	2.44	1.94	1.44	0.95	0.55	0.26	0.09	0.02	0	1.37
2.38	1.91	1.42	0.95	0.55	0.26	0.1	0.02	4.94	4.59	4.32	4.07	3.74	3.36	2.93	2.45	1.95	1.45	0.96	0.55	0.26	0.09	0.02	0	1.7
2.39	1.92	1.43	0.95	0.55	0.26	0.1	0.02	4.95	4.6	4.34	4.08	3.76	3.38	2.94	2.46	1.97	1.46	0.97	0.56	0.26	0.09	0.02	0	1.31
2.4	1.93	1.44	0.96	0.56	0.27	0.1	0.02	4.97	4.62	4.35	4.1	3.77	3.39	2.95	2.48	1.98	1.47	0.98	0.56	0.26	0.09	0.02	0	1.7
2.42	1.95	1.45	0.98	0.57	0.27	0.1	0.03	4.99	4.63	4.37	4.11	3.79	3.41	2.97	2.49	2	1.48	0.99	0.57	0.27	0.09	0.02	0	1.95
2.44	1.96	1.47	0.99	0.57	0.27	0.1	0.03	5.02	4.66	4.39	4.13	3.8	3.42	2.98	2.51	2.01	1.5	1	0.57	0.27	0.1	0.02	0	2.04
2.45	1.98	1.48	1	0.58	0.27	0.1	0.03	5.04	4.67	4.4	4.14	3.82	3.43	3	2.52	2.02	1.51	1.01	0.58	0.27	0.1	0.02	0	1.77
2.47	1.99	1.49	1.01	0.58	0.27	0.1	0.03	5.06	4.68	4.42	4.16	3.83	3.45	3.01	2.53	2.03	1.52	1.02	0.58	0.27	0.1	0.03	0	1.92
2.48	2	1.51	1.02	0.59	0.28	0.1	0.03	5.07	4.69	4.42	4.16	3.84	3.45	3.01	2.53	2.04	1.53	1.03	0.59	0.27	0.1	0.03	0	1.92
2.49	2.01	1.51	1.03	0.59	0.28	0.1	0.03	5.07	4.69	4.43	4.16	3.84	3.45	3.01	2.54	2.04	1.53	1.03	0.59	0.27	0.1	0.03	0	2.32
2.5	2.02	1.52	1.03	0.59	0.28	0.11	0.03	5.06	4.68	4.42	4.16	3.84	3.45	3.01	2.54	2.04	1.53	1.03	0.59	0.28	0.1	0.03	0	2.26
2.51	2.03	1.53	1.04	0.6	0.28	0.11	0.03	5.05	4.67	4.42	4.16	3.83	3.45	3.01	2.54	2.05	1.54	1.04	0.59	0.28	0.1	0.03	0	2.2
2.52	2.04	1.54	1.04	0.6	0.29	0.11	0.03	5.04	4.66	4.42	4.15	3.83	3.45	3.01	2.54	2.05	1.54	1.04	0.6	0.28	0.1	0.03	0	1.45
2.53	2.05	1.55	1.05	0.61	0.29	0.11	0.03	5.03	4.65	4.41	4.15	3.83	3.45	3.01	2.54	2.05	1.55	1.04	0.6	0.29	0.11	0.03	0	2.22
2.55	2.07	1.56	1.06	0.61	0.3	0.11	0.03	5.03	4.65	4.41	4.15	3.83	3.45	3.02	2.55	2.06	1.55	1.05	0.6	0.29	0.11	0.03	0	2.54
2.57	2.09	1.58	1.07	0.62	0.3	0.11	0.03	5.04	4.66	4.42	4.16	3.84	3.46	3.03	2.56	2.07	1.56	1.05	0.61	0.29	0.11	0.03	221.5	2.44
2.6	2.11	1.6	1.08	0.63	0.31	0.12	0.03	5.06	4.68	4.44	4.18	3.86	3.48	3.05	2.58	2.09	1.57	1.06	0.61	0.3	0.11	0.03	0	2.17
2.63	2.13	1.61	1.09	0.63	0.31	0.12	0.03	5.08	4.7	4.46	4.2	3.87	3.5	3.06	2.59	2.1	1.58	1.06	0.61	0.3	0.11	0.03	0	1.31
2.66	2.16	1.63	1.1	0.64	0.31	0.12	0.03	5.11	4.73	4.48	4.22	3.89	3.51	3.08	2.61	2.11	1.59	1.07	0.62	0.3	0.11	0.03	0	2.03
2.68	2.17	1.64	1.1	0.64	0.31	0.12	0.03	5.13	4.75	4.49	4.23	3.9	3.52	3.09	2.62	2.12	1.59	1.07	0.62	0.3	0.11	0.03	0	2.36
2.7	2.19	1.65	1.11	0.64	0.31	0.12	0.03	5.14	4.77	4.5	4.24	3.91	3.53	3.1	2.62	2.12	1.59	1.07	0.62	0.3	0.11	0.03	0	2.34
2.71	2.2	1.65	1.1																					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.86	2.36	1.82	1.28	0.78	0.4	0.17	0.05	5.45	5.05	4.78	4.5	4.16	3.77	3.32	2.84	2.34	1.8	1.26	0.76	0.39	0.16	0.04	0	1.42
2.87	2.37	1.83	1.29	0.79	0.4	0.17	0.05	5.46	5.06	4.79	4.51	4.17	3.78	3.33	2.85	2.35	1.82	1.27	0.77	0.39	0.16	0.05	0	1.52
2.87	2.37	1.84	1.3	0.8	0.41	0.17	0.05	5.47	5.07	4.8	4.52	4.18	3.79	3.34	2.86	2.36	1.83	1.28	0.78	0.4	0.17	0.05	0	1.09
2.88	2.38	1.85	1.31	0.81	0.42	0.18	0.05	5.48	5.09	4.81	4.54	4.19	3.8	3.35	2.87	2.37	1.84	1.3	0.8	0.41	0.17	0.05	0	1.33
2.89	2.39	1.86	1.32	0.82	0.43	0.18	0.05	5.49	5.1	4.82	4.55	4.21	3.81	3.36	2.88	2.38	1.85	1.31	0.81	0.41	0.17	0.05	0	1.86
2.89	2.4	1.87	1.33	0.83	0.43	0.18	0.05	5.51	5.11	4.83	4.56	4.21	3.82	3.37	2.89	2.39	1.86	1.31	0.81	0.42	0.18	0.05	0	1.71
2.89	2.4	1.88	1.33	0.83	0.43	0.18	0.06	5.52	5.12	4.84	4.57	4.22	3.83	3.38	2.89	2.39	1.87	1.32	0.82	0.42	0.18	0.05	0	1.61
2.89	2.4	1.88	1.34	0.84	0.44	0.19	0.06	5.54	5.13	4.85	4.58	4.23	3.83	3.38	2.9	2.4	1.87	1.33	0.83	0.43	0.18	0.05	0	1.9
2.89	2.4	1.89	1.34	0.85	0.44	0.19	0.06	5.55	5.14	4.86	4.58	4.24	3.83	3.38	2.9	2.4	1.88	1.33	0.83	0.43	0.18	0.05	0	2.23
2.89	2.4	1.89	1.35	0.85	0.45	0.19	0.06	5.55	5.14	4.86	4.58	4.24	3.83	3.38	2.9	2.4	1.88	1.34	0.84	0.44	0.18	0.06	0	2.18
2.89	2.4	1.89	1.36	0.86	0.45	0.19	0.06	5.56	5.14	4.87	4.59	4.24	3.83	3.38	2.9	2.4	1.89	1.35	0.85	0.44	0.19	0.06	0	1.83
2.89	2.4	1.9	1.37	0.87	0.46	0.2	0.06	5.56	5.15	4.87	4.59	4.24	3.84	3.38	2.9	2.41	1.89	1.36	0.86	0.45	0.19	0.06	0	1.66
2.89	2.4	1.9	1.38	0.87	0.46	0.2	0.06	5.57	5.16	4.88	4.59	4.24	3.84	3.38	2.9	2.41	1.9	1.37	0.86	0.45	0.19	0.06	0	2.22
2.89	2.41	1.91	1.39	0.88	0.47	0.2	0.07	5.57	5.17	4.89	4.6	4.25	3.84	3.39	2.9	2.41	1.91	1.38	0.87	0.46	0.2	0.06	128.1	2.31
2.89	2.41	1.92	1.4	0.89	0.48	0.21	0.07	5.59	5.19	4.9	4.62	4.26	3.85	3.39	2.91	2.42	1.92	1.39	0.88	0.47	0.2	0.07	0	2.18
2.9	2.42	1.93	1.41	0.9	0.49	0.21	0.07	5.61	5.21	4.92	4.63	4.27	3.86	3.4	2.92	2.43	1.93	1.41	0.9	0.48	0.21	0.07	0	1.71
2.9	2.43	1.94	1.43	0.92	0.5	0.22	0.07	5.63	5.23	4.94	4.65	4.29	3.88	3.41	2.93	2.44	1.94	1.42	0.91	0.49	0.21	0.07	0	2.14
2.91	2.44	1.95	1.44	0.93	0.51	0.23	0.08	5.66	5.25	4.96	4.67	4.31	3.89	3.43	2.94	2.46	1.95	1.44	0.92	0.5	0.22	0.07	0	2.28
2.93	2.45	1.96	1.45	0.94	0.52	0.23	0.08	5.68	5.27	4.98	4.69	4.32	3.91	3.44	2.95	2.47	1.97	1.45	0.94	0.52	0.23	0.08	0	2.13
2.94	2.46	1.97	1.46	0.96	0.53	0.24	0.08	5.71	5.29	5	4.71	4.34	3.92	3.46	2.97	2.48	1.98	1.46	0.95	0.52	0.23	0.08	0	1.49
2.95	2.47	1.99	1.47	0.97	0.54	0.25	0.08	5.73	5.32	5.02	4.73	4.36	3.94	3.47	2.98	2.5	1.99	1.47	0.96	0.53	0.24	0.08	0	2.25
2.95	2.48	1.99	1.48	0.97	0.55	0.25	0.09	5.75	5.34	5.03	4.74	4.37	3.95	3.48	2.99	2.51	2	1.48	0.97	0.54	0.24	0.08	0	2.32
2.96	2.49	2	1.48	0.98	0.55	0.25	0.09	5.77	5.36	5.05	4.76	4.39	3.96	3.49	3	2.51	2.01	1.49	0.97	0.54	0.25	0.08	0	2.1
2.97	2.5	2.01	1.49	0.98	0.55	0.25	0.09	5.79	5.38	5.06	4.77	4.4	3.97	3.5	3.01	2.52	2.02	1.49	0.98	0.54	0.25	0.08	0	1.49
2.97	2.5	2.01	1.49	0.98	0.55	0.25	0.09	5.8	5.4	5.08	4.79	4.41	3.98	3.51	3.01	2.53	2.02	1.5	0.98	0.55	0.25	0.08	0	2.19
2.98	2.51	2.01	1.5	0.99	0.56	0.26	0.09	5.81	5.41	5.09	4.79	4.41	3.99	3.51	3.02	2.53	2.03	1.5	0.98	0.55	0.25	0.08	0	2.36
2.98	2.51	2.02	1.5	0.99	0.56	0.26	0.09	5.82	5.42	5.1	4.8	4.42	3.99	3.52	3.02	2.53	2.03	1.5	0.99	0.55	0.25	0.09	0	2.25
2.99	2.51	2.02	1.51	1	0.56	0.26	0.09	5.82	5.43	5.1	4.81	4.43	4	3.52	3.02	2.54	2.03	1.51	0.99	0.55	0.25	0.09	0	1.71
3	2.52	2.03	1.51	1	0.56	0.26	0.09	5.83	5.43	5.11	4.81	4.43	4	3.52	3.03	2.54	2.04	1.51	1	0.56	0.26	0.09	0	1.92
3	2.53	2.04	1.52	1.01	0.57	0.27	0.09	5.84	5.45	5.12	4.82	4.44	4.01	3.53	3.04	2.55	2.05	1.52	1.01	0.56	0.26	0.09	0	2.07
3.01	2.53	2.04	1.53	1.02	0.57	0.27	0.09	5.85	5.46	5.13	4.83	4.45	4.02	3.54	3.04	2.55	2.05	1.53	1.01	0.57	0.26	0.09	0	2.22
3.02	2.54	2.05	1.54	1.03	0.58	0.28	0.1	5.87	5.47	5.14	4.85	4.46	4.03	3.55	3.05	2.56	2.06	1.54	1.02	0.57	0.27	0.09	0	2.28
3.03	2.55	2.06	1.55	1.04	0.59	0.28	0.1	5.89	5.49	5.16	4.86	4.48	4.04	3.56	3.06	2.57	2.07	1.55	1.03	0.58	0.28	0.09	0	1.79
3.04	2.56	2.07	1.56	1.04	0.6	0.29	0.1	5.91	5.51	5.17	4.87	4.49	4.06	3.57	3.07	2.58	2.08	1.56	1.04	0.59	0.28	0.1	0	1.52
3.05	2.56	2.08	1.57	1.05	0.61	0.29	0.1	5.92	5.52	5.19	4.89	4.5	4.07	3.58	3.08	2.58	2.08	1.56	1.05	0.6	0.29	0.1	0	2.3
3.06	2.57	2.08	1.57	1.06	0.61	0.3	0.1	5.93	5.53	5.2	4.89	4.51	4.07	3.58	3.08	2.58	2.08	1.57	1.05	0.6	0.29	0.1	0	2.32
3.06	2.57	2.08	1.58	1.06	0.62	0.3	0.11	5.93	5.53	5.2	4.9	4.51	4.07	3.58	3.08	2.58	2.08	1.57	1.06	0.61	0.29	0.1	0	2.03
3.06	2.57	2.08	1.58	1.07	0.62	0.31	0.11	5.92	5.53	5.2	4.89	4.51	4.07	3.58	3.08	2.58	2.09	1.58	1.06	0.62	0.3	0.1	0	1.26
3.06	2.57	2.09	1.59	1.08	0.63	0.31	0.11	5.92	5.53	5.2	4.89	4.51	4.07	3.58	3.08	2.58	2.09	1.58	1.07	0.62	0.3	0.11	0	1.85
3.06	2.58	2.09	1.59	1.09	0.64	0.32	0.11	5.91	5.53	5.2	4.89	4.51	4.07	3.58	3.08	2.58	2.09	1.59	1.08	0.63	0.31	0.11	0	2.17
3.07	2.58	2.1	1.6	1.09	0.65	0.32	0.11	5.91	5.54	5.2	4.89	4.51	4.07	3.58	3.08	2.58	2.09	1.59	1.08	0.64	0.31	0.11	0	2.26
3.07	2.58	2.1	1.6	1.1	0.65	0.33	0.12	5.92	5.54	5.2	4.9	4.51	4.07	3.58	3.08	2.59	2.1	1.59	1.09	0.64	0.32	0.11	0	2.01
3.08	2.59	2.11	1.61	1.11	0.66	0.33	0.12	5.93	5.54	5.21	4.9	4.51	4.07	3.59	3.08	2.59	2.1	1.6	1.09	0.65	0.32	0.11	405.1	1.48
3.08	2.59	2.11	1.61	1.11	0.67	0.34	0.12	5.93	5.54	5.21	4.9	4.51	4.08	3.59	3.08	2.59	2.1	1.6	1.1	0.65	0.33	0.12	0	1.96
3.08	2.6	2.11	1.62	1.12	0.67	0.34	0.12	5.94	5.54	5.22	4.91	4.52	4.08	3.59	3.08	2.59	2.1	1.6	1.1	0.66	0.33	0.12	0	2.22
3.09	2.6	2.12	1.62	1.12	0.68	0.34	0.12	5.94	5.54	5.22	4.91	4.52	4.08	3.59	3.08	2.59	2.1	1.61	1.1	0.66	0.33	0.12	0	2.14
3.09	2.6	2.12	1.62	1.12	0.68	0.35	0.13	5.94	5.53	5.22	4.9	4.52	4.08	3.59	3.08	2.59	2.1	1.61	1.11	0.67	0.34	0.12	0	1.7
3.1	2.61	2.12	1.63	1.13	0.69	0.35	0.13	5.94	5.52	5.22	4.9	4.51	4.08	3.59	3.08	2.59	2.1	1.61	1.11	0.67	0.34	0.12	0	1.56
3.1	2.61	2.13	1.63	1.14	0.69	0.35	0.13	5.94	5.52	5.22	4.9	4.51	4.08	3.59	3.09	2.59	2.1	1.61	1.12	0.68	0.34	0.12	212.9	1.88
3.11	2.62	2.13	1.64	1.14	0.7	0.36	0.13	5.95	5.51	5.22	4.9	4.52	4.08	3.59	3.09	2.59	2.11	1.62	1.12	0.68	0.35	0.13	0	1.91
3.12	2.62	2.14	1.65	1.15	0.71	0.36	0.14	5.95	5.52	5.23	4.91	4.52	4.09	3.6	3.09	2.6	2.11	1.62	1.13	0.69	0.35	0.13	0	1.88
3.12	2.63	2.14	1.65	1.16	0.71	0.37	0.14	5.96	5.53	5.24	4.92	4.53	4.09	3.6	3.1	2.6	2.11	1.63	1.13	0.69	0.35	0.13	0	1.61
3.13	2.63	2.15	1.66	1.16	0.72	0.37	0.14	5.98	5.54	5.25	4.93	4.54	4.1	3.61	3.1	2.61	2.12	1.63	1.14	0.7	0.36	0.13	0	1.07
3.14	2.64	2.15	1.66	1.17	0.72	0.37	0.14	5.99	5.55	5.26	4.94	4.55	4.11	3.61	3.11	2.61	2.12	1.63	1.14	0.7	0.36	0.13	0	1.87
3.14	2.65	2.15	1.67	1.17	0.73	0.37	0.14</																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.16	2.68	2.19	1.71	1.22	0.76	0.4	0.16	5.7	5.3	5	4.7	4.33	3.92	3.46	3	2.54	2.08	1.62	1.15	0.71	0.38	0.15	0	2
3.16	2.67	2.19	1.71	1.22	0.76	0.4	0.16	5.67	5.28	4.98	4.67	4.31	3.9	3.45	2.99	2.53	2.07	1.62	1.15	0.71	0.38	0.14	0	1.23
3.15	2.67	2.19	1.71	1.22	0.76	0.4	0.16	5.65	5.25	4.96	4.65	4.29	3.88	3.44	2.97	2.52	2.07	1.61	1.15	0.71	0.37	0.14	0	1.75
3.15	2.67	2.19	1.71	1.22	0.76	0.4	0.16	5.62	5.23	4.93	4.63	4.28	3.87	3.42	2.96	2.51	2.06	1.61	1.15	0.71	0.37	0.14	0	1.9
3.15	2.67	2.19	1.71	1.22	0.76	0.4	0.16	5.6	5.22	4.91	4.62	4.26	3.86	3.41	2.96	2.51	2.06	1.61	1.15	0.71	0.37	0.14	579.1	1.9
3.15	2.67	2.19	1.71	1.22	0.76	0.4	0.16	5.58	5.2	4.89	4.6	4.25	3.85	3.4	2.95	2.5	2.05	1.6	1.14	0.71	0.37	0.14	0	2.15
3.15	2.68	2.2	1.71	1.22	0.77	0.4	0.16	5.57	5.19	4.88	4.59	4.24	3.84	3.4	2.94	2.5	2.05	1.6	1.14	0.71	0.37	0.14	0	1.74
3.16	2.68	2.2	1.72	1.22	0.77	0.4	0.16	5.55	5.18	4.87	4.58	4.23	3.83	3.39	2.94	2.49	2.04	1.6	1.14	0.71	0.38	0.14	0	1.8
3.16	2.68	2.2	1.72	1.22	0.77	0.41	0.16	5.54	5.17	4.86	4.57	4.22	3.82	3.38	2.93	2.49	2.04	1.59	1.13	0.71	0.38	0.14	0	2.11
3.17	2.68	2.2	1.72	1.22	0.77	0.41	0.16	5.53	5.15	4.85	4.56	4.21	3.81	3.38	2.93	2.48	2.03	1.59	1.13	0.71	0.38	0.14	0	1.91
3.17	2.69	2.2	1.72	1.22	0.77	0.41	0.16	5.52	5.14	4.83	4.54	4.2	3.8	3.37	2.92	2.48	2.03	1.58	1.13	0.71	0.38	0.14	0	1.54
3.17	2.69	2.2	1.72	1.22	0.77	0.41	0.15	5.51	5.12	4.82	4.53	4.19	3.79	3.36	2.91	2.47	2.03	1.58	1.13	0.71	0.38	0.14	0	1.57
3.17	2.69	2.2	1.72	1.23	0.77	0.41	0.15	5.5	5.11	4.81	4.52	4.18	3.78	3.35	2.91	2.46	2.02	1.58	1.13	0.71	0.38	0.14	0	2.07
3.17	2.69	2.2	1.72	1.23	0.77	0.41	0.15	5.5	5.09	4.8	4.51	4.17	3.77	3.35	2.9	2.46	2.01	1.57	1.12	0.71	0.38	0.14	0	2.07
3.17	2.68	2.2	1.72	1.23	0.78	0.41	0.15	5.49	5.08	4.8	4.5	4.16	3.77	3.34	2.89	2.45	2.01	1.57	1.12	0.71	0.38	0.14	180.4	1.77
3.17	2.68	2.2	1.72	1.23	0.78	0.41	0.16	5.48	5.07	4.79	4.49	4.16	3.76	3.33	2.89	2.44	2	1.57	1.12	0.71	0.38	0.14	0	1.81
3.17	2.68	2.2	1.72	1.24	0.79	0.42	0.16	5.47	5.07	4.78	4.48	4.15	3.75	3.33	2.88	2.44	2	1.56	1.13	0.72	0.38	0.14	0	2.09
3.17	2.68	2.2	1.72	1.24	0.8	0.43	0.16	5.47	5.06	4.78	4.48	4.14	3.75	3.32	2.88	2.43	2	1.56	1.13	0.73	0.39	0.15	0	1.97
3.17	2.68	2.2	1.72	1.25	0.81	0.43	0.17	5.46	5.05	4.78	4.47	4.13	3.74	3.31	2.87	2.43	1.99	1.56	1.14	0.73	0.39	0.15	0	1.28
3.16	2.68	2.2	1.72	1.26	0.82	0.44	0.17	5.45	5.05	4.77	4.47	4.13	3.74	3.31	2.87	2.42	1.99	1.56	1.14	0.74	0.4	0.15	0	1.81
3.16	2.68	2.2	1.73	1.27	0.83	0.45	0.18	5.45	5.04	4.77	4.47	4.12	3.73	3.31	2.86	2.42	1.99	1.57	1.15	0.75	0.41	0.16	0	1.75
3.16	2.67	2.2	1.73	1.27	0.84	0.46	0.18	5.45	5.04	4.77	4.47	4.12	3.73	3.3	2.86	2.42	1.99	1.57	1.16	0.76	0.41	0.16	0	1.42
3.16	2.67	2.2	1.73	1.28	0.85	0.47	0.19	5.45	5.04	4.77	4.47	4.12	3.73	3.3	2.86	2.42	1.99	1.57	1.16	0.77	0.42	0.17	0	1.74
3.16	2.67	2.2	1.73	1.29	0.86	0.47	0.19	5.45	5.05	4.77	4.47	4.13	3.74	3.3	2.86	2.42	1.99	1.57	1.17	0.78	0.43	0.17	0	1.67
3.16	2.67	2.2	1.74	1.29	0.87	0.48	0.2	5.46	5.06	4.78	4.48	4.13	3.74	3.31	2.86	2.42	1.99	1.58	1.17	0.79	0.44	0.18	0	1.04
3.15	2.67	2.19	1.74	1.3	0.87	0.49	0.2	5.47	5.07	4.79	4.49	4.14	3.74	3.31	2.86	2.42	1.99	1.58	1.18	0.79	0.45	0.18	0	1.42
3.15	2.66	2.19	1.74	1.3	0.88	0.5	0.21	5.49	5.08	4.8	4.5	4.15	3.75	3.32	2.86	2.42	1.99	1.59	1.19	0.8	0.46	0.19	0	1.76
3.15	2.66	2.19	1.75	1.31	0.89	0.51	0.22	5.5	5.1	4.82	4.51	4.16	3.76	3.32	2.87	2.42	2	1.59	1.19	0.81	0.46	0.2	0	1.55
3.15	2.66	2.19	1.75	1.31	0.89	0.52	0.22	5.52	5.12	4.84	4.53	4.18	3.78	3.33	2.88	2.43	2	1.6	1.2	0.82	0.47	0.2	0	1.21
3.15	2.66	2.19	1.75	1.31	0.9	0.52	0.23	5.55	5.14	4.86	4.55	4.19	3.79	3.35	2.89	2.44	2.01	1.6	1.21	0.82	0.48	0.21	0	1.56
3.15	2.66	2.19	1.75	1.31	0.9	0.53	0.23	5.57	5.16	4.88	4.56	4.21	3.8	3.36	2.9	2.45	2.01	1.61	1.21	0.83	0.48	0.21	0	1.77
3.15	2.66	2.19	1.74	1.31	0.9	0.53	0.24	5.6	5.18	4.9	4.59	4.23	3.82	3.38	2.91	2.46	2.02	1.61	1.21	0.83	0.49	0.22	0	1.86
3.14	2.66	2.18	1.74	1.31	0.9	0.53	0.24	5.63	5.21	4.93	4.62	4.25	3.84	3.39	2.93	2.47	2.03	1.62	1.22	0.84	0.49	0.22	0	1.02
3.14	2.65	2.18	1.74	1.31	0.9	0.53	0.24	5.66	5.23	4.96	4.64	4.28	3.87	3.41	2.94	2.48	2.04	1.62	1.22	0.84	0.49	0.22	0	1.23
3.14	2.65	2.18	1.74	1.31	0.9	0.53	0.24	5.7	5.26	4.99	4.68	4.31	3.89	3.43	2.96	2.5	2.05	1.63	1.23	0.84	0.5	0.22	0	1.48
3.14	2.65	2.18	1.73	1.31	0.9	0.53	0.24	5.73	5.29	5.02	4.7	4.33	3.91	3.45	2.98	2.51	2.06	1.64	1.23	0.85	0.5	0.22	0	1.33
3.14	2.65	2.18	1.73	1.31	0.9	0.53	0.24	5.76	5.32	5.05	4.73	4.36	3.94	3.47	2.99	2.52	2.07	1.65	1.24	0.85	0.5	0.23	0	1.48
3.14	2.65	2.18	1.73	1.31	0.9	0.53	0.24	5.78	5.34	5.07	4.76	4.38	3.96	3.49	3.01	2.54	2.08	1.66	1.25	0.85	0.5	0.23	0	1.62
3.13	2.65	2.17	1.73	1.3	0.89	0.53	0.24	5.81	5.37	5.1	4.78	4.4	3.98	3.51	3.03	2.55	2.09	1.66	1.25	0.85	0.5	0.23	0	1.45
3.13	2.64	2.17	1.73	1.3	0.89	0.53	0.24	5.83	5.4	5.12	4.81	4.43	4	3.53	3.04	2.56	2.1	1.67	1.26	0.86	0.5	0.22	0	1.69
3.13	2.64	2.17	1.73	1.3	0.89	0.52	0.24	5.85	5.43	5.15	4.83	4.45	4.02	3.55	3.06	2.58	2.11	1.68	1.26	0.86	0.5	0.22	0	1.84
3.13	2.64	2.17	1.72	1.3	0.88	0.52	0.23	5.87	5.46	5.18	4.86	4.47	4.04	3.57	3.08	2.59	2.12	1.68	1.27	0.86	0.5	0.22	0	1.95
3.12	2.64	2.17	1.72	1.3	0.88	0.52	0.23	5.89	5.48	5.2	4.88	4.5	4.06	3.58	3.09	2.6	2.13	1.69	1.27	0.86	0.5	0.22	0	1.52
3.12	2.64	2.17	1.72	1.3	0.88	0.51	0.23	5.91	5.51	5.23	4.9	4.52	4.08	3.6	3.1	2.61	2.14	1.7	1.28	0.86	0.5	0.22	0	1.59
3.12	2.63	2.16	1.72	1.3	0.88	0.51	0.23	5.93	5.54	5.25	4.92	4.54	4.1	3.62	3.12	2.62	2.15	1.7	1.28	0.86	0.5	0.22	0	2.03
3.12	2.63	2.16	1.72	1.3	0.88	0.51	0.23	5.95	5.56	5.27	4.95	4.56	4.12	3.63	3.13	2.64	2.16	1.71	1.29	0.86	0.5	0.22	0	1.97
3.12	2.63	2.16	1.72	1.3	0.87	0.51	0.22	5.97	5.58	5.29	4.96	4.58	4.14	3.65	3.14	2.64	2.17	1.72	1.29	0.86	0.5	0.22	0	1.72
3.11	2.63	2.16	1.72	1.3	0.87	0.51	0.22	5.99	5.61	5.31	4.98	4.6	4.15	3.66	3.15	2.66	2.17	1.72	1.29	0.87	0.5	0.21	0	1.94
3.12	2.63	2.16	1.72	1.3	0.87	0.5	0.22	6.01	5.63	5.33	5.01	4.61	4.17	3.68	3.17	2.67	2.18	1.73	1.3	0.87	0.5	0.21	0	2.18
3.12	2.64	2.17	1.72	1.3	0.88	0.51	0.22	6.04	5.65	5.35	5.03	4.64	4.19	3.7	3.18	2.68	2.2	1.74	1.3	0.87	0.5	0.21	63.7	2.16
3.13	2.64	2.17	1.73	1.3	0.88	0.51	0.22	6.07	5.68	5.37	5.05	4.67	4.21	3.72	3.2	2.7	2.21	1.75	1.31	0.88	0.5	0.21	0	1.41
3.14	2.65	2.18	1.74	1.31	0.89	0.51	0.22	6.1	5.71	5.4	5.08	4.69	4.24	3.74	3.22	2.71	2.22	1.76	1.32	0.89	0.5	0.21	0	1.43
3.15	2.66	2.19	1.74	1.31	0.89	0.51	0.22	6.13	5.73	5.43	5.11	4.72	4.26	3.76	3.24	2.73	2.24	1.77	1.33	0.9	0.51	0.22	0	1.83
3.16	2.68	2.2	1.75	1.32	0.9	0.52	0.22	6.16	5.75	5.45	5.13	4.74	4.28	3.78	3.26	2.75	2.25	1.78	1.34	0.9	0.51	0.22	0	1.91
3.17	2.69	2.21	1.76	1.32	0.9	0.52	0.23	6.1																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.32	2.83	2.35	1.88	1.43	0.98	0.58	0.26	6.17	5.77	5.47	5.15	4.77	4.32	3.82	3.32	2.82	2.33	1.86	1.41	0.97	0.57	0.25	0	2.13
3.33	2.83	2.35	1.88	1.43	0.99	0.58	0.26	6.18	5.78	5.48	5.16	4.77	4.32	3.83	3.32	2.82	2.34	1.86	1.41	0.97	0.57	0.25	0	1.17
3.33	2.84	2.35	1.89	1.44	0.99	0.59	0.27	6.18	5.78	5.49	5.17	4.78	4.33	3.84	3.33	2.83	2.34	1.87	1.42	0.97	0.57	0.26	0	2.05
3.34	2.84	2.36	1.89	1.44	1	0.59	0.27	6.19	5.79	5.5	5.17	4.78	4.33	3.84	3.33	2.83	2.35	1.88	1.43	0.98	0.58	0.26	0	2.24
3.34	2.85	2.36	1.9	1.45	1	0.59	0.27	6.2	5.8	5.51	5.18	4.79	4.34	3.85	3.34	2.84	2.35	1.88	1.43	0.99	0.58	0.26	0	1.73
3.35	2.86	2.37	1.9	1.46	1.01	0.6	0.27	6.21	5.81	5.51	5.19	4.8	4.35	3.86	3.35	2.85	2.36	1.89	1.44	0.99	0.58	0.26	0	1.65
3.35	2.86	2.38	1.91	1.46	1.01	0.6	0.28	6.22	5.82	5.52	5.19	4.81	4.36	3.86	3.36	2.86	2.36	1.89	1.45	1	0.59	0.27	0	1.75
3.36	2.87	2.38	1.91	1.47	1.01	0.6	0.28	6.23	5.84	5.53	5.21	4.82	4.37	3.87	3.37	2.87	2.37	1.9	1.45	1	0.59	0.27	0	1.84
3.37	2.88	2.39	1.92	1.47	1.02	0.6	0.28	6.24	5.85	5.54	5.22	4.83	4.38	3.88	3.37	2.87	2.38	1.91	1.46	1	0.59	0.27	0	1.58
3.38	2.88	2.39	1.92	1.47	1.02	0.6	0.28	6.25	5.86	5.55	5.23	4.84	4.39	3.89	3.38	2.88	2.38	1.91	1.46	1	0.59	0.27	0	1.18
3.38	2.89	2.4	1.93	1.47	1.02	0.6	0.27	6.26	5.87	5.56	5.24	4.85	4.39	3.9	3.39	2.88	2.39	1.91	1.46	1	0.59	0.26	0	1.91
3.39	2.89	2.4	1.93	1.47	1.01	0.6	0.27	6.27	5.88	5.57	5.25	4.86	4.4	3.9	3.39	2.89	2.39	1.92	1.46	1	0.58	0.26	0	1.74
3.39	2.9	2.4	1.93	1.47	1.01	0.59	0.27	6.28	5.89	5.58	5.26	4.87	4.41	3.91	3.4	2.89	2.39	1.91	1.46	0.99	0.58	0.26	0	1.55
3.4	2.9	2.41	1.93	1.47	1.01	0.59	0.26	6.28	5.89	5.59	5.27	4.87	4.41	3.91	3.4	2.89	2.4	1.92	1.46	0.99	0.58	0.26	0	1.97
3.4	2.9	2.41	1.93	1.47	1	0.58	0.26	6.28	5.89	5.59	5.27	4.88	4.42	3.92	3.4	2.9	2.4	1.92	1.46	0.99	0.57	0.25	0	1.99
3.41	2.91	2.42	1.94	1.47	1	0.58	0.26	6.28	5.89	5.6	5.27	4.88	4.42	3.92	3.41	2.9	2.4	1.92	1.46	0.99	0.57	0.25	0	1.62
3.42	2.92	2.42	1.94	1.48	1	0.58	0.25	6.29	5.89	5.61	5.28	4.89	4.43	3.93	3.42	2.91	2.41	1.92	1.46	0.98	0.56	0.24	0	1.18
3.43	2.93	2.43	1.95	1.48	1	0.57	0.25	6.29	5.9	5.61	5.28	4.89	4.43	3.94	3.42	2.92	2.42	1.93	1.46	0.98	0.56	0.24	0	1.89
3.44	2.94	2.44	1.96	1.48	1	0.57	0.25	6.3	5.91	5.62	5.29	4.9	4.44	3.95	3.43	2.93	2.43	1.93	1.46	0.98	0.55	0.24	0	2.17
3.46	2.96	2.46	1.97	1.48	1	0.57	0.24	6.31	5.92	5.63	5.31	4.91	4.45	3.96	3.44	2.94	2.43	1.94	1.46	0.98	0.55	0.24	0	2.46
3.47	2.97	2.47	1.97	1.48	0.99	0.56	0.24	6.32	5.93	5.64	5.32	4.92	4.46	3.97	3.46	2.95	2.44	1.95	1.46	0.97	0.55	0.23	0	1.76
3.49	2.98	2.48	1.98	1.48	0.99	0.56	0.24	6.33	5.94	5.65	5.33	4.93	4.47	3.98	3.46	2.96	2.45	1.95	1.46	0.97	0.54	0.23	61.8	2.09
3.5	2.99	2.49	1.98	1.48	0.99	0.55	0.23	6.33	5.95	5.66	5.33	4.94	4.48	3.98	3.47	2.97	2.46	1.95	1.45	0.96	0.53	0.23	0	2.36
3.51	3	2.5	1.99	1.48	0.98	0.55	0.23	6.33	5.96	5.66	5.34	4.95	4.49	3.99	3.48	2.97	2.47	1.96	1.45	0.96	0.53	0.22	0	2.46
3.51	3.01	2.51	1.99	1.48	0.98	0.54	0.23	6.33	5.97	5.67	5.34	4.95	4.49	4	3.48	2.98	2.47	1.96	1.45	0.95	0.52	0.22	0	2.14
3.52	3.02	2.52	2	1.48	0.98	0.54	0.22	6.33	5.97	5.67	5.35	4.96	4.5	4	3.49	2.99	2.48	1.97	1.45	0.95	0.52	0.22	92.3	1.87
3.54	3.03	2.53	2.01	1.48	0.98	0.54	0.22	6.33	5.98	5.67	5.36	4.97	4.51	4.01	3.5	3	2.49	1.98	1.45	0.95	0.52	0.21	0	1.97
3.55	3.05	2.54	2.02	1.49	0.98	0.54	0.22	6.34	5.99	5.68	5.37	4.98	4.52	4.03	3.51	3.01	2.5	1.98	1.46	0.95	0.52	0.21	0	2.37
3.57	3.06	2.56	2.03	1.5	0.98	0.54	0.22	6.35	6.01	5.7	5.39	5	4.54	4.04	3.53	3.02	2.52	2	1.47	0.95	0.52	0.21	0	2.39
3.6	3.09	2.57	2.05	1.51	0.99	0.54	0.22	6.38	6.03	5.73	5.41	5.02	4.57	4.07	3.55	3.04	2.53	2.01	1.47	0.96	0.52	0.21	0	2.27
3.62	3.11	2.59	2.06	1.52	0.99	0.54	0.22	6.41	6.06	5.75	5.43	5.05	4.59	4.09	3.57	3.06	2.55	2.02	1.48	0.96	0.52	0.21	0	1.91
3.65	3.13	2.61	2.08	1.53	0.99	0.54	0.22	6.45	6.09	5.78	5.46	5.07	4.62	4.11	3.6	3.08	2.56	2.03	1.49	0.96	0.52	0.21	0	1.85
3.67	3.15	2.63	2.09	1.53	1	0.54	0.22	6.48	6.11	5.81	5.48	5.1	4.64	4.13	3.61	3.1	2.57	2.04	1.49	0.97	0.52	0.21	0	2.29
3.69	3.17	2.63	2.09	1.53	1	0.54	0.22	6.5	6.13	5.82	5.5	5.11	4.66	4.15	3.63	3.11	2.58	2.04	1.49	0.96	0.52	0.21	0	2.42
3.7	3.18	2.64	2.1	1.53	0.99	0.54	0.22	6.52	6.13	5.83	5.51	5.12	4.67	4.16	3.63	3.11	2.58	2.04	1.49	0.96	0.52	0.21	0	2.32
3.71	3.18	2.65	2.1	1.53	0.99	0.54	0.21	6.52	6.13	5.84	5.51	5.12	4.67	4.16	3.64	3.12	2.59	2.04	1.49	0.95	0.52	0.2	0	1.76
3.72	3.19	2.65	2.1	1.53	0.98	0.53	0.21	6.52	6.13	5.84	5.51	5.12	4.67	4.16	3.64	3.12	2.59	2.04	1.48	0.95	0.51	0.2	0	1.86
3.72	3.19	2.66	2.1	1.52	0.97	0.53	0.2	6.52	6.13	5.83	5.51	5.12	4.67	4.16	3.64	3.12	2.59	2.04	1.48	0.94	0.5	0.19	0	2.26
3.73	3.2	2.66	2.1	1.52	0.97	0.52	0.2	6.52	6.13	5.83	5.51	5.12	4.67	4.16	3.64	3.12	2.59	2.04	1.47	0.93	0.5	0.18	0	2.09
3.73	3.2	2.66	2.1	1.51	0.96	0.51	0.19	6.52	6.14	5.84	5.52	5.12	4.67	4.17	3.64	3.12	2.59	2.03	1.46	0.92	0.49	0.18	0	2.25
3.74	3.21	2.66	2.1	1.51	0.95	0.5	0.18	6.54	6.15	5.85	5.53	5.13	4.68	4.17	3.65	3.12	2.59	2.03	1.46	0.91	0.48	0.17	0	1.42
3.75	3.22	2.67	2.1	1.51	0.94	0.5	0.18	6.56	6.17	5.86	5.54	5.14	4.69	4.18	3.66	3.13	2.59	2.03	1.45	0.9	0.47	0.17	0	1.52
3.76	3.23	2.68	2.1	1.5	0.94	0.49	0.18	6.58	6.19	5.88	5.56	5.16	4.7	4.19	3.66	3.14	2.6	2.03	1.45	0.9	0.47	0.17	0	2.03
3.77	3.24	2.68	2.1	1.5	0.93	0.48	0.18	6.6	6.21	5.9	5.57	5.17	4.71	4.2	3.67	3.14	2.6	2.03	1.44	0.89	0.46	0.16	0	1.84
3.78	3.24	2.69	2.1	1.49	0.92	0.48	0.17	6.63	6.24	5.92	5.59	5.18	4.72	4.21	3.68	3.15	2.6	2.03	1.44	0.88	0.45	0.16	0	1.93
3.79	3.25	2.69	2.1	1.49	0.91	0.47	0.17	6.65	6.26	5.94	5.61	5.2	4.74	4.22	3.69	3.16	2.61	2.03	1.43	0.87	0.44	0.16	0	1.84
3.8	3.26	2.7	2.1	1.48	0.91	0.46	0.17	6.68	6.28	5.96	5.63	5.21	4.75	4.23	3.7	3.17	2.61	2.03	1.43	0.87	0.44	0.16	0	1.05
3.81	3.27	2.7	2.1	1.48	0.9	0.46	0.16	6.71	6.31	5.99	5.65	5.23	4.76	4.25	3.71	3.17	2.62	2.03	1.42	0.86	0.43	0.15	0	1.87
3.82	3.27	2.7	2.1	1.47	0.89	0.45	0.16	6.75	6.33	6.01	5.67	5.25	4.78	4.26	3.72	3.18	2.62	2.03	1.42	0.85	0.43	0.15	0	1.96
3.82	3.28	2.71	2.1	1.47	0.89	0.44	0.16	6.77	6.35	6.03	5.68	5.26	4.79	4.27	3.73	3.19	2.63	2.03	1.41	0.85	0.42	0.15	0	1.78
3.83	3.28	2.71	2.1	1.46	0.88	0.44	0.16	6.8	6.37	6.05	5.7	5.28	4.8	4.28	3.73	3.19	2.63	2.03	1.41	0.85	0.42	0.15	0	1.14
3.83	3.28	2.71	2.09	1.46	0.88	0.43	0.16	6.83	6.39	6.07	5.71	5.29	4.81	4.28	3.74	3.2	2.63	2.03	1.41	0.84	0.41	0.15	0	1.76
3.83	3.28	2.7	2.09	1.45	0.87	0.43	0.16	6.85	6.4	6.08	5.72	5.29	4.81	4.28	3.74	3.2	2.63	2.02	1.4	0.84	0.41	0.15	0	1.77
3.82	3.27	2.7	2.08	1.45	0.86	0.42	0.15	6.86	6.41	6.08	5.72	5.29	4.81	4.28	3.74	3.19	2.62	2.02	1.4	0.83	0.4	0.14	213.3	1.72
3.81	3.26	2.68	2.07	1.43	0.85	0.42	0.15	6.86																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.32	2.85	2.34	1.8	1.23	0.73	0.36	0.13	6.93	6.38	6.01	5.62	5.17	4.69	4.17	3.65	3.11	2.54	1.93	1.3	0.76	0.36	0.13	0	2.21
3.31	2.84	2.34	1.79	1.23	0.73	0.36	0.13	6.92	6.37	6	5.61	5.16	4.68	4.16	3.64	3.1	2.54	1.93	1.3	0.76	0.37	0.13	0	2.22
3.3	2.83	2.33	1.79	1.23	0.73	0.36	0.13	6.9	6.35	5.98	5.59	5.15	4.67	4.15	3.63	3.1	2.54	1.93	1.31	0.76	0.37	0.13	0	1.82
3.29	2.82	2.33	1.79	1.23	0.73	0.36	0.13	6.88	6.34	5.97	5.58	5.13	4.66	4.14	3.62	3.09	2.53	1.93	1.31	0.77	0.37	0.13	0	1.31
3.27	2.81	2.32	1.79	1.23	0.74	0.37	0.14	6.86	6.32	5.95	5.56	5.11	4.64	4.13	3.61	3.09	2.53	1.93	1.31	0.77	0.37	0.13	0	1.76
3.26	2.8	2.31	1.78	1.23	0.74	0.37	0.14	6.84	6.3	5.93	5.54	5.1	4.63	4.12	3.61	3.08	2.53	1.93	1.31	0.77	0.37	0.13	0	2.11
3.25	2.8	2.31	1.78	1.23	0.73	0.37	0.13	6.82	6.28	5.91	5.53	5.08	4.62	4.11	3.6	3.08	2.52	1.92	1.31	0.77	0.37	0.13	0	2.13
3.25	2.79	2.3	1.77	1.23	0.73	0.36	0.13	6.81	6.27	5.9	5.51	5.07	4.6	4.1	3.6	3.07	2.52	1.92	1.31	0.77	0.37	0.13	0	1.86
3.24	2.78	2.29	1.76	1.22	0.73	0.36	0.13	6.81	6.26	5.89	5.51	5.07	4.6	4.1	3.59	3.07	2.51	1.91	1.31	0.76	0.37	0.13	0	1.55
3.23	2.78	2.28	1.76	1.21	0.72	0.36	0.13	6.81	6.26	5.89	5.5	5.06	4.59	4.1	3.59	3.06	2.5	1.91	1.3	0.76	0.37	0.13	0	1.85
3.22	2.77	2.28	1.75	1.21	0.72	0.35	0.13	6.81	6.26	5.88	5.5	5.06	4.59	4.09	3.58	3.06	2.5	1.9	1.29	0.76	0.36	0.13	0	1.65
3.21	2.76	2.27	1.74	1.2	0.71	0.35	0.13	6.81	6.26	5.88	5.49	5.05	4.59	4.09	3.58	3.05	2.49	1.89	1.29	0.75	0.36	0.13	0	1.47
3.21	2.75	2.26	1.73	1.19	0.71	0.35	0.13	6.8	6.26	5.87	5.49	5.05	4.58	4.09	3.58	3.05	2.48	1.88	1.28	0.75	0.36	0.13	0	1.48
3.19	2.74	2.25	1.72	1.18	0.7	0.34	0.13	6.79	6.25	5.86	5.48	5.04	4.57	4.08	3.57	3.04	2.48	1.88	1.27	0.74	0.35	0.13	0	1.3
3.18	2.73	2.24	1.71	1.17	0.7	0.34	0.13	6.78	6.24	5.85	5.47	5.03	4.56	4.07	3.56	3.03	2.47	1.87	1.27	0.74	0.35	0.12	0	2.05
3.17	2.72	2.23	1.7	1.17	0.69	0.34	0.12	6.77	6.23	5.84	5.46	5.02	4.56	4.06	3.55	3.03	2.47	1.87	1.26	0.74	0.35	0.12	0	1.26
3.15	2.71	2.22	1.7	1.17	0.69	0.34	0.12	6.76	6.22	5.84	5.45	5.01	4.54	4.05	3.54	3.02	2.46	1.86	1.26	0.73	0.35	0.12	0	1.28
3.14	2.7	2.22	1.7	1.17	0.69	0.34	0.12	6.75	6.21	5.83	5.45	5.01	4.54	4.05	3.54	3.02	2.46	1.86	1.27	0.74	0.35	0.13	0	2.05
3.13	2.69	2.21	1.69	1.17	0.69	0.34	0.13	6.74	6.21	5.83	5.44	5	4.53	4.04	3.53	3.02	2.46	1.87	1.27	0.74	0.35	0.13	0	1.63
3.12	2.68	2.21	1.69	1.17	0.69	0.34	0.13	6.75	6.21	5.83	5.44	5	4.53	4.03	3.53	3.01	2.46	1.87	1.28	0.74	0.36	0.13	0	1.74
3.11	2.67	2.2	1.69	1.17	0.7	0.34	0.13	6.75	6.21	5.82	5.44	4.99	4.52	4.02	3.52	3.01	2.46	1.87	1.28	0.74	0.36	0.13	0	1.7
3.1	2.66	2.2	1.7	1.18	0.7	0.34	0.13	6.75	6.21	5.82	5.43	4.99	4.51	4.02	3.51	3	2.46	1.88	1.28	0.75	0.36	0.13	0	1.57
3.09	2.65	2.2	1.7	1.18	0.7	0.35	0.13	6.76	6.22	5.82	5.43	4.99	4.51	4.01	3.51	3	2.46	1.88	1.29	0.75	0.36	0.13	0	1.72
3.08	2.65	2.19	1.7	1.18	0.7	0.35	0.13	6.77	6.23	5.82	5.43	4.99	4.51	4.01	3.5	2.99	2.46	1.88	1.29	0.75	0.36	0.13	0	1.67
3.07	2.64	2.19	1.7	1.18	0.7	0.35	0.13	6.78	6.24	5.82	5.44	4.99	4.51	4	3.5	2.99	2.46	1.89	1.29	0.76	0.37	0.13	0	1.3
3.07	2.63	2.19	1.7	1.18	0.7	0.35	0.13	6.79	6.25	5.83	5.44	4.99	4.51	4	3.5	2.98	2.46	1.89	1.3	0.76	0.37	0.13	0	1.65
3.06	2.63	2.18	1.69	1.18	0.71	0.35	0.13	6.79	6.26	5.83	5.44	4.99	4.51	4	3.49	2.98	2.46	1.89	1.3	0.76	0.37	0.13	0	1.52
3.06	2.62	2.18	1.69	1.18	0.7	0.35	0.13	6.79	6.26	5.84	5.44	4.99	4.5	4	3.49	2.98	2.45	1.88	1.29	0.76	0.37	0.13	0	1.49
3.05	2.62	2.17	1.68	1.17	0.7	0.35	0.13	6.78	6.26	5.84	5.44	4.99	4.5	3.99	3.48	2.97	2.44	1.87	1.29	0.76	0.37	0.13	0	1.44
3.05	2.61	2.16	1.67	1.16	0.7	0.35	0.13	6.77	6.26	5.83	5.44	4.98	4.49	3.98	3.47	2.96	2.43	1.86	1.28	0.75	0.36	0.13	0	1.45
3.04	2.61	2.15	1.66	1.16	0.69	0.34	0.13	6.76	6.25	5.83	5.43	4.97	4.48	3.97	3.46	2.95	2.42	1.85	1.27	0.75	0.36	0.13	0	1.33
3.03	2.6	2.14	1.65	1.15	0.69	0.34	0.13	6.75	6.23	5.82	5.42	4.95	4.47	3.96	3.44	2.93	2.4	1.83	1.26	0.74	0.36	0.13	0	1.46
3.03	2.59	2.13	1.64	1.14	0.68	0.34	0.12	6.74	6.21	5.81	5.4	4.94	4.45	3.94	3.43	2.92	2.38	1.82	1.25	0.73	0.35	0.13	0	1.51
3.02	2.58	2.12	1.63	1.13	0.68	0.33	0.12	6.73	6.19	5.79	5.38	4.92	4.43	3.92	3.41	2.9	2.37	1.8	1.23	0.73	0.35	0.13	0	1.66
3.02	2.58	2.11	1.62	1.12	0.67	0.33	0.12	6.72	6.17	5.77	5.36	4.9	4.41	3.91	3.39	2.88	2.35	1.78	1.22	0.72	0.35	0.13	0	1.69
3.01	2.57	2.11	1.61	1.11	0.66	0.33	0.12	6.71	6.15	5.76	5.34	4.88	4.39	3.89	3.38	2.87	2.34	1.77	1.21	0.71	0.34	0.12	0	1.72
3.01	2.57	2.1	1.61	1.11	0.66	0.32	0.12	6.7	6.13	5.74	5.32	4.86	4.37	3.87	3.36	2.85	2.32	1.76	1.2	0.71	0.34	0.12	0	1.1
3	2.56	2.1	1.6	1.1	0.65	0.32	0.12	6.69	6.11	5.72	5.31	4.85	4.35	3.85	3.34	2.84	2.31	1.75	1.19	0.7	0.34	0.12	0	1.44
3	2.56	2.09	1.6	1.1	0.65	0.32	0.12	6.69	6.1	5.71	5.29	4.83	4.34	3.84	3.33	2.83	2.3	1.74	1.19	0.69	0.33	0.12	0	1.99
3	2.56	2.09	1.6	1.1	0.65	0.32	0.11	6.68	6.09	5.7	5.29	4.83	4.33	3.83	3.32	2.82	2.29	1.74	1.18	0.69	0.33	0.12	0	1.92
3	2.56	2.09	1.6	1.1	0.64	0.31	0.11	6.68	6.09	5.7	5.28	4.82	4.33	3.82	3.31	2.81	2.29	1.74	1.18	0.68	0.33	0.12	0	1.53
3.01	2.56	2.1	1.61	1.1	0.65	0.32	0.11	6.69	6.11	5.71	5.29	4.83	4.33	3.82	3.31	2.81	2.29	1.74	1.18	0.68	0.33	0.12	0	2.29
3.02	2.57	2.11	1.61	1.1	0.65	0.32	0.11	6.71	6.13	5.73	5.31	4.84	4.34	3.83	3.31	2.81	2.29	1.74	1.18	0.68	0.33	0.12	0	1.93
3.04	2.59	2.13	1.63	1.12	0.65	0.32	0.11	6.74	6.17	5.76	5.34	4.87	4.36	3.85	3.33	2.82	2.31	1.76	1.19	0.69	0.33	0.12	0	1.95
3.08	2.62	2.16	1.66	1.14	0.66	0.32	0.12	6.79	6.23	5.81	5.39	4.91	4.4	3.88	3.36	2.85	2.33	1.78	1.21	0.7	0.34	0.12	0	2.31
3.12	2.66	2.19	1.68	1.15	0.68	0.33	0.12	6.86	6.3	5.87	5.45	4.96	4.44	3.92	3.39	2.88	2.36	1.8	1.23	0.71	0.34	0.12	0	2.38
3.16	2.69	2.22	1.71	1.17	0.69	0.34	0.12	6.93	6.37	5.93	5.51	5.01	4.49	3.95	3.42	2.91	2.38	1.82	1.24	0.72	0.35	0.12	0	2.03
3.21	2.74	2.25	1.74	1.19	0.7	0.34	0.12	7.01	6.44	6	5.57	5.06	4.53	4	3.46	2.94	2.41	1.85	1.26	0.73	0.35	0.12	0	1.38
3.26	2.78	2.29	1.76	1.21	0.71	0.35	0.12	7.08	6.5	6.06	5.62	5.11	4.58	4.03	3.49	2.96	2.43	1.86	1.27	0.73	0.35	0.12	0	1.93
3.31	2.82	2.32	1.79	1.23	0.72	0.35	0.12	7.15	6.56	6.11	5.67	5.15	4.61	4.06	3.52	2.99	2.45	1.88	1.27	0.74	0.35	0.12	0	1.97
3.35	2.86	2.36	1.81	1.24	0.73	0.35	0.13	7.21	6.6	6.15	5.71	5.19	4.65	4.09	3.54	3.01	2.47	1.89	1.28	0.75	0.36	0.12	0	1.78
3.4	2.9	2.39	1.84	1.26	0.74	0.36	0.13	7.25	6.64	6.19	5.74	5.22	4.68	4.11	3.56	3.03	2.48	1.9	1.29	0.75	0.36	0.13	0	1.36
3.45	2.94	2.42	1.86	1.27	0.75	0.36	0.13	7.28	6.67	6.21	5.76	5.24	4.7	4.13	3.57	3.04	2.49	1.9	1.29	0.75	0.36	0.13	0	1.52
3.5	2.99	2.46	1.89	1.29	0.76	0.37	0.13	7.31	6.69	6.24	5.78	5.26	4.71	4.15	3.59	3.05	2.5	1.91	1.3	0.76	0.36	0.13	0	1.7
3.55	3.03	2.5	1.92	1.31	0.77	0.37																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.99	3.41	2.81	2.18	1.52	0.93	0.48	0.18	6.92	6.36	5.96	5.55	5.09	4.61	4.1	3.59	3.07	2.53	1.97	1.38	0.85	0.43	0.16	0	1.44
3.99	3.41	2.81	2.18	1.52	0.93	0.48	0.18	6.94	6.38	5.97	5.56	5.11	4.62	4.12	3.6	3.08	2.54	1.97	1.38	0.85	0.43	0.16	0	1.88
4	3.41	2.81	2.18	1.53	0.94	0.48	0.18	6.96	6.4	5.99	5.58	5.12	4.64	4.13	3.61	3.09	2.54	1.97	1.38	0.85	0.44	0.16	0	1.79
4	3.42	2.81	2.18	1.53	0.94	0.48	0.18	6.97	6.42	6	5.6	5.14	4.65	4.14	3.62	3.09	2.55	1.97	1.39	0.85	0.44	0.16	0	1.8
4.01	3.42	2.82	2.18	1.53	0.94	0.48	0.18	6.98	6.43	6.02	5.61	5.16	4.67	4.15	3.63	3.1	2.55	1.97	1.39	0.85	0.44	0.16	0	2.31
4.01	3.42	2.82	2.18	1.53	0.94	0.48	0.18	6.99	6.44	6.03	5.63	5.17	4.68	4.17	3.64	3.11	2.56	1.98	1.39	0.86	0.44	0.16	0	2.31
4.01	3.43	2.82	2.18	1.53	0.94	0.48	0.18	6.99	6.45	6.04	5.64	5.18	4.7	4.18	3.65	3.12	2.57	1.98	1.4	0.86	0.44	0.16	0	1.99
4.02	3.43	2.83	2.19	1.54	0.95	0.49	0.18	6.99	6.45	6.05	5.65	5.19	4.71	4.19	3.66	3.13	2.58	1.99	1.4	0.87	0.44	0.16	0	1.66
4.02	3.44	2.83	2.19	1.54	0.95	0.49	0.18	6.99	6.46	6.06	5.66	5.2	4.72	4.2	3.67	3.14	2.59	2	1.41	0.87	0.45	0.16	0	2.1
4.03	3.44	2.84	2.2	1.55	0.96	0.49	0.18	7	6.47	6.07	5.67	5.22	4.73	4.21	3.68	3.15	2.59	2.01	1.42	0.88	0.45	0.16	0	2.4
4.03	3.45	2.84	2.21	1.55	0.97	0.5	0.18	7.02	6.48	6.09	5.69	5.23	4.75	4.22	3.69	3.16	2.6	2.02	1.42	0.89	0.45	0.17	503	2.42
4.04	3.45	2.85	2.21	1.56	0.98	0.5	0.18	7.04	6.5	6.11	5.71	5.25	4.76	4.24	3.7	3.16	2.61	2.03	1.43	0.89	0.46	0.17	0	2.28
4.05	3.46	2.85	2.22	1.57	0.98	0.51	0.19	7.06	6.51	6.13	5.73	5.27	4.78	4.25	3.71	3.17	2.62	2.03	1.44	0.9	0.47	0.17	0	1.6
4.05	3.46	2.85	2.22	1.58	0.99	0.51	0.19	7.08	6.53	6.15	5.74	5.28	4.79	4.26	3.72	3.18	2.62	2.04	1.45	0.91	0.47	0.17	0	2.33
4.06	3.46	2.85	2.22	1.58	1	0.52	0.19	7.1	6.53	6.16	5.76	5.3	4.8	4.27	3.73	3.18	2.62	2.04	1.46	0.91	0.47	0.17	0	2.4
4.06	3.46	2.86	2.23	1.59	1	0.52	0.19	7.1	6.54	6.17	5.76	5.31	4.81	4.27	3.73	3.18	2.63	2.05	1.46	0.92	0.48	0.18	0	2.37
4.06	3.46	2.86	2.23	1.6	1.01	0.53	0.2	7.1	6.53	6.17	5.77	5.31	4.81	4.28	3.73	3.18	2.63	2.05	1.47	0.93	0.48	0.18	0	2.15
4.06	3.47	2.86	2.24	1.61	1.02	0.53	0.2	7.08	6.53	6.17	5.77	5.31	4.82	4.28	3.73	3.19	2.63	2.05	1.48	0.94	0.49	0.18	0	1.77
4.06	3.47	2.86	2.24	1.62	1.03	0.54	0.21	7.07	6.52	6.17	5.77	5.31	4.82	4.28	3.73	3.19	2.63	2.06	1.49	0.95	0.5	0.19	0	1.88
4.06	3.47	2.87	2.25	1.63	1.04	0.55	0.21	7.04	6.52	6.16	5.76	5.31	4.81	4.28	3.73	3.19	2.63	2.06	1.5	0.96	0.51	0.19	0	2.29
4.06	3.47	2.87	2.25	1.63	1.05	0.56	0.22	7.03	6.52	6.15	5.76	5.31	4.81	4.28	3.73	3.18	2.63	2.07	1.5	0.96	0.51	0.2	0	2.26
4.06	3.46	2.87	2.26	1.64	1.06	0.57	0.22	7.01	6.51	6.14	5.76	5.3	4.81	4.27	3.73	3.18	2.63	2.07	1.51	0.97	0.52	0.2	0	1.87
4.06	3.46	2.87	2.26	1.64	1.06	0.57	0.23	7	6.52	6.14	5.76	5.31	4.81	4.28	3.73	3.18	2.63	2.07	1.51	0.98	0.53	0.21	0	1.75
4.06	3.46	2.87	2.26	1.65	1.07	0.58	0.23	6.99	6.52	6.14	5.76	5.31	4.82	4.28	3.73	3.18	2.63	2.08	1.52	0.98	0.53	0.21	0	2.23
4.07	3.47	2.87	2.27	1.66	1.08	0.59	0.24	6.98	6.51	6.14	5.76	5.31	4.82	4.28	3.73	3.18	2.63	2.08	1.52	0.99	0.54	0.22	0	1.93
4.07	3.47	2.87	2.27	1.66	1.08	0.6	0.24	6.97	6.51	6.13	5.76	5.31	4.82	4.28	3.73	3.18	2.63	2.08	1.53	1	0.55	0.22	0	1.66
4.07	3.46	2.87	2.27	1.67	1.09	0.6	0.25	6.95	6.49	6.13	5.75	5.31	4.82	4.28	3.73	3.17	2.63	2.08	1.53	1	0.55	0.23	0	1.77
4.07	3.46	2.87	2.27	1.67	1.09	0.61	0.25	6.93	6.48	6.12	5.74	5.3	4.81	4.27	3.72	3.17	2.63	2.08	1.53	1.01	0.56	0.23	0	1.91
4.06	3.46	2.86	2.27	1.67	1.1	0.61	0.26	6.91	6.46	6.11	5.73	5.29	4.81	4.27	3.72	3.17	2.62	2.08	1.54	1.01	0.56	0.23	0	1.9
4.06	3.46	2.86	2.27	1.67	1.1	0.61	0.26	6.89	6.44	6.1	5.73	5.29	4.8	4.26	3.71	3.17	2.62	2.08	1.54	1.01	0.56	0.24	0	1.25
4.05	3.45	2.86	2.27	1.67	1.1	0.61	0.26	6.87	6.43	6.09	5.72	5.28	4.8	4.26	3.71	3.16	2.62	2.08	1.54	1.01	0.56	0.24	0	2.1
4.05	3.45	2.85	2.26	1.67	1.1	0.61	0.26	6.86	6.42	6.09	5.71	5.28	4.79	4.26	3.71	3.16	2.61	2.08	1.54	1.01	0.56	0.24	165.7	2.27
4.04	3.44	2.85	2.26	1.67	1.09	0.61	0.26	6.86	6.41	6.08	5.71	5.27	4.79	4.25	3.71	3.16	2.61	2.07	1.53	1.01	0.56	0.24	0	1.55
4.04	3.44	2.85	2.26	1.67	1.09	0.61	0.26	6.85	6.41	6.08	5.71	5.27	4.79	4.25	3.7	3.16	2.61	2.07	1.53	1	0.56	0.24	0	1.8
4.04	3.44	2.84	2.25	1.67	1.09	0.61	0.26	6.84	6.4	6.07	5.7	5.27	4.79	4.25	3.7	3.15	2.61	2.07	1.53	1	0.56	0.24	0	2.05
4.04	3.44	2.84	2.25	1.66	1.09	0.61	0.26	6.84	6.4	6.06	5.7	5.26	4.78	4.25	3.7	3.15	2.6	2.06	1.53	1	0.56	0.23	0	1.79
4.03	3.43	2.83	2.25	1.66	1.09	0.6	0.26	6.82	6.39	6.05	5.69	5.26	4.78	4.24	3.69	3.14	2.6	2.06	1.52	1	0.55	0.23	0	1.43
4.03	3.43	2.83	2.24	1.66	1.09	0.6	0.25	6.8	6.38	6.04	5.68	5.25	4.77	4.23	3.69	3.14	2.59	2.05	1.52	1	0.55	0.23	0	1.86
4.03	3.43	2.83	2.24	1.65	1.08	0.6	0.25	6.79	6.36	6.02	5.66	5.23	4.75	4.22	3.67	3.13	2.58	2.04	1.51	0.99	0.55	0.23	0	1.7
4.02	3.42	2.82	2.23	1.65	1.08	0.6	0.25	6.75	6.33	5.99	5.64	5.21	4.74	4.21	3.66	3.12	2.57	2.04	1.51	0.99	0.55	0.23	0	1.39
4.02	3.42	2.82	2.23	1.65	1.08	0.6	0.25	6.72	6.31	5.97	5.62	5.19	4.72	4.19	3.65	3.11	2.56	2.03	1.5	0.98	0.54	0.23	0	1.34
4.02	3.42	2.82	2.23	1.64	1.08	0.6	0.25	6.68	6.28	5.94	5.59	5.17	4.7	4.18	3.63	3.09	2.55	2.02	1.49	0.98	0.54	0.23	0	1.63
4.02	3.42	2.82	2.23	1.64	1.08	0.59	0.25	6.65	6.25	5.91	5.57	5.15	4.68	4.16	3.62	3.08	2.54	2.01	1.48	0.97	0.54	0.23	0	1.54
4.02	3.42	2.82	2.22	1.64	1.07	0.59	0.25	6.61	6.22	5.87	5.54	5.12	4.65	4.14	3.6	3.06	2.53	2	1.48	0.97	0.53	0.23	0	1.76
4.02	3.42	2.82	2.22	1.64	1.07	0.59	0.25	6.57	6.18	5.84	5.51	5.09	4.63	4.11	3.58	3.05	2.51	1.98	1.47	0.96	0.53	0.22	0	1.94
4.02	3.42	2.82	2.22	1.63	1.07	0.59	0.25	6.53	6.14	5.8	5.48	5.07	4.6	4.09	3.56	3.03	2.5	1.97	1.46	0.95	0.53	0.22	145.3	1.59
4.02	3.42	2.82	2.22	1.63	1.06	0.59	0.25	6.5	6.1	5.77	5.45	5.04	4.58	4.07	3.54	3.02	2.49	1.97	1.45	0.95	0.52	0.22	0	1.38
4.02	3.42	2.82	2.22	1.63	1.06	0.59	0.25	6.46	6.07	5.74	5.42	5.01	4.55	4.05	3.53	3	2.48	1.96	1.44	0.94	0.52	0.22	0	1.42
4.02	3.42	2.82	2.22	1.62	1.06	0.58	0.24	6.42	6.03	5.7	5.38	4.98	4.53	4.03	3.51	2.99	2.47	1.95	1.43	0.93	0.52	0.22	0	1.36
4.02	3.42	2.82	2.22	1.62	1.06	0.58	0.24	6.38	5.99	5.67	5.35	4.96	4.5	4.01	3.49	2.98	2.46	1.94	1.42	0.93	0.51	0.21	0	1.47
4.02	3.42	2.82	2.22	1.61	1.05	0.58	0.24	6.34	5.96	5.64	5.32	4.93	4.48	3.99	3.47	2.96	2.44	1.93	1.41	0.92	0.51	0.21	0	1.89
4.02	3.42	2.82	2.21	1.61	1.05	0.57	0.24	6.3	5.92	5.61	5.29	4.91	4.45	3.97	3.46	2.95	2.43	1.92	1.4	0.92	0.5	0.21	0	2.13
4.02	3.42	2.82	2.21	1.6	1.04	0.57	0.24	6.26	5.89	5.58	5.26	4.88	4.43	3.95	3.44	2.94	2.42	1.91	1.39	0.91	0.5	0.21	0	1.98
4.02	3.42	2.82	2.21	1.6	1.04	0.57	0.23	6.22	5.86	5.55	5.24	4.85	4.41	3.93	3.42	2.92	2.41	1.9	1.38	0.9	0.5	0.2	0	1.66
4.01	3.41	2.81	2.2	1.59																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.56	3.03	2.52	2.04	1.56	1.09	0.67	0.31	5.99	5.61	5.31	5.01	4.63	4.2	3.73	3.24	2.76	2.3	1.86	1.42	1	0.61	0.28	0	2.09
3.56	3.03	2.53	2.04	1.56	1.1	0.67	0.31	6	5.63	5.32	5.03	4.65	4.22	3.75	3.26	2.78	2.31	1.87	1.43	1	0.61	0.28	0	1.85
3.57	3.04	2.53	2.04	1.57	1.1	0.67	0.31	6.01	5.65	5.34	5.05	4.67	4.24	3.76	3.27	2.79	2.32	1.88	1.44	1.01	0.62	0.29	0	1.71
3.57	3.05	2.54	2.05	1.57	1.1	0.68	0.32	6.03	5.67	5.36	5.06	4.69	4.26	3.78	3.29	2.8	2.33	1.89	1.45	1.02	0.62	0.29	0	1.37
3.58	3.05	2.54	2.05	1.58	1.11	0.68	0.32	6.04	5.68	5.38	5.08	4.71	4.27	3.79	3.3	2.82	2.34	1.89	1.46	1.02	0.63	0.29	0	1.73
3.58	3.06	2.54	2.05	1.58	1.11	0.68	0.32	6.05	5.69	5.39	5.09	4.72	4.29	3.81	3.31	2.83	2.35	1.9	1.46	1.03	0.63	0.29	0	2.25
3.58	3.06	2.55	2.06	1.58	1.11	0.68	0.32	6.06	5.71	5.41	5.11	4.73	4.3	3.82	3.32	2.84	2.36	1.91	1.47	1.03	0.63	0.29	0	2.17
3.58	3.06	2.55	2.06	1.59	1.12	0.69	0.32	6.07	5.71	5.42	5.12	4.74	4.31	3.83	3.33	2.85	2.37	1.91	1.47	1.04	0.63	0.3	0	1.77
3.59	3.06	2.55	2.06	1.59	1.12	0.69	0.32	6.08	5.72	5.43	5.12	4.75	4.32	3.84	3.34	2.85	2.38	1.92	1.47	1.04	0.64	0.3	0	1.78
3.59	3.06	2.55	2.06	1.59	1.12	0.69	0.32	6.09	5.73	5.44	5.13	4.76	4.32	3.84	3.35	2.86	2.38	1.92	1.48	1.04	0.64	0.3	0	2.16
3.59	3.06	2.56	2.06	1.59	1.12	0.69	0.32	6.1	5.74	5.45	5.14	4.77	4.33	3.85	3.35	2.86	2.38	1.92	1.48	1.04	0.64	0.3	0	2.26
3.59	3.06	2.55	2.06	1.58	1.12	0.68	0.32	6.12	5.75	5.46	5.15	4.78	4.34	3.85	3.35	2.86	2.38	1.92	1.48	1.04	0.63	0.3	0	1.85
3.59	3.06	2.55	2.06	1.58	1.11	0.68	0.32	6.14	5.77	5.48	5.16	4.78	4.34	3.86	3.36	2.86	2.38	1.92	1.47	1.04	0.63	0.29	0	1.35
3.59	3.06	2.55	2.06	1.58	1.11	0.68	0.32	6.16	5.78	5.49	5.17	4.79	4.35	3.86	3.36	2.86	2.38	1.92	1.47	1.03	0.63	0.29	0	1.96
3.59	3.06	2.55	2.05	1.57	1.11	0.67	0.31	6.17	5.79	5.5	5.18	4.8	4.36	3.87	3.36	2.86	2.38	1.92	1.47	1.03	0.63	0.29	0	2.04
3.59	3.06	2.54	2.05	1.57	1.1	0.67	0.31	6.19	5.8	5.5	5.19	4.81	4.36	3.87	3.36	2.86	2.38	1.91	1.47	1.03	0.62	0.29	0	2.23
3.59	3.06	2.54	2.05	1.57	1.1	0.67	0.31	6.19	5.81	5.51	5.19	4.81	4.36	3.87	3.36	2.86	2.38	1.91	1.46	1.03	0.62	0.28	72.7	2.17
3.59	3.06	2.54	2.04	1.56	1.1	0.66	0.31	6.2	5.81	5.51	5.19	4.81	4.36	3.87	3.36	2.86	2.37	1.91	1.46	1.02	0.62	0.28	0	1.7
3.59	3.05	2.54	2.04	1.56	1.09	0.66	0.3	6.2	5.81	5.51	5.19	4.81	4.36	3.87	3.36	2.86	2.37	1.91	1.46	1.02	0.61	0.28	0	1.41
3.58	3.05	2.53	2.04	1.56	1.09	0.65	0.3	6.2	5.8	5.5	5.19	4.81	4.36	3.87	3.36	2.86	2.37	1.91	1.46	1.01	0.61	0.28	0	1.97
3.58	3.05	2.53	2.03	1.55	1.08	0.65	0.29	6.19	5.8	5.5	5.19	4.8	4.36	3.86	3.35	2.85	2.37	1.9	1.45	1.01	0.6	0.27	0	2.13
3.57	3.04	2.53	2.03	1.55	1.08	0.64	0.29	6.19	5.79	5.5	5.18	4.8	4.35	3.86	3.35	2.85	2.37	1.9	1.45	1.01	0.6	0.27	0	2.12
3.57	3.04	2.52	2.03	1.54	1.07	0.64	0.29	6.19	5.79	5.49	5.18	4.8	4.35	3.86	3.34	2.84	2.36	1.9	1.44	1	0.6	0.27	0	1.82
3.57	3.03	2.52	2.02	1.54	1.07	0.64	0.28	6.19	5.78	5.49	5.18	4.79	4.34	3.85	3.34	2.84	2.36	1.89	1.44	1	0.59	0.26	0	1.9
3.56	3.03	2.51	2.01	1.53	1.06	0.63	0.28	6.2	5.78	5.49	5.18	4.79	4.34	3.85	3.33	2.83	2.35	1.88	1.44	0.99	0.59	0.26	0	1.99
3.56	3.02	2.51	2.01	1.53	1.06	0.63	0.28	6.2	5.78	5.49	5.17	4.78	4.33	3.84	3.33	2.83	2.35	1.88	1.43	0.99	0.58	0.26	0	1.84
3.55	3.01	2.5	2	1.52	1.05	0.62	0.27	6.2	5.78	5.48	5.17	4.78	4.33	3.83	3.32	2.82	2.34	1.87	1.42	0.98	0.58	0.25	0	1.68
3.54	3.01	2.49	2	1.52	1.04	0.61	0.27	6.2	5.77	5.48	5.16	4.77	4.32	3.83	3.31	2.81	2.33	1.87	1.42	0.98	0.57	0.25	0	1.76
3.54	3	2.49	1.99	1.51	1.04	0.6	0.26	6.19	5.77	5.47	5.15	4.76	4.31	3.82	3.31	2.81	2.33	1.86	1.41	0.97	0.56	0.24	0	1.79
3.53	2.99	2.48	1.98	1.5	1.03	0.6	0.25	6.19	5.76	5.47	5.15	4.76	4.31	3.81	3.3	2.8	2.32	1.86	1.41	0.96	0.56	0.23	0	1.9
3.52	2.98	2.47	1.98	1.49	1.02	0.59	0.24	6.19	5.76	5.46	5.14	4.75	4.3	3.81	3.3	2.79	2.31	1.85	1.4	0.95	0.55	0.23	0	1.84
3.51	2.98	2.46	1.97	1.48	1.01	0.58	0.24	6.19	5.76	5.46	5.14	4.75	4.3	3.8	3.29	2.79	2.31	1.85	1.39	0.95	0.54	0.22	0	2.17
3.5	2.97	2.46	1.96	1.48	1	0.57	0.23	6.2	5.76	5.47	5.14	4.75	4.3	3.8	3.29	2.79	2.31	1.84	1.39	0.94	0.53	0.21	0	1.8
3.5	2.96	2.45	1.96	1.47	0.99	0.56	0.22	6.21	5.76	5.47	5.15	4.75	4.3	3.8	3.29	2.78	2.3	1.84	1.38	0.93	0.52	0.21	0	1.82
3.5	2.96	2.45	1.95	1.46	0.98	0.55	0.22	6.22	5.77	5.48	5.15	4.76	4.3	3.81	3.29	2.78	2.3	1.84	1.37	0.92	0.51	0.2	0	2.1
3.5	2.96	2.45	1.95	1.45	0.97	0.54	0.21	6.24	5.78	5.5	5.16	4.77	4.31	3.81	3.29	2.79	2.3	1.83	1.37	0.91	0.51	0.2	0	1.8
3.5	2.96	2.45	1.94	1.44	0.96	0.53	0.2	6.25	5.79	5.51	5.17	4.78	4.32	3.82	3.3	2.79	2.3	1.83	1.36	0.9	0.5	0.19	0	1.78
3.51	2.97	2.45	1.94	1.44	0.95	0.52	0.2	6.27	5.81	5.53	5.18	4.79	4.33	3.83	3.31	2.8	2.31	1.83	1.36	0.89	0.49	0.19	0	2.08
3.51	2.97	2.45	1.94	1.43	0.94	0.51	0.19	6.29	5.83	5.54	5.2	4.8	4.34	3.84	3.32	2.81	2.31	1.83	1.35	0.88	0.48	0.18	0	1.93
3.53	2.98	2.46	1.94	1.43	0.93	0.5	0.19	6.31	5.85	5.56	5.22	4.82	4.35	3.85	3.33	2.82	2.32	1.83	1.35	0.88	0.47	0.18	0	1.66
3.54	3	2.46	1.94	1.42	0.92	0.49	0.19	6.33	5.87	5.58	5.23	4.84	4.37	3.87	3.34	2.83	2.33	1.84	1.34	0.87	0.46	0.17	0	1.74
3.55	3.01	2.47	1.95	1.42	0.91	0.48	0.18	6.35	5.9	5.6	5.25	4.85	4.39	3.88	3.36	2.84	2.34	1.84	1.34	0.86	0.45	0.17	0	1.41
3.57	3.02	2.48	1.95	1.41	0.9	0.47	0.18	6.38	5.92	5.61	5.27	4.87	4.4	3.89	3.37	2.85	2.34	1.84	1.34	0.85	0.45	0.17	0	1.86
3.58	3.04	2.49	1.95	1.41	0.9	0.47	0.17	6.4	5.94	5.63	5.29	4.88	4.41	3.91	3.38	2.86	2.35	1.84	1.33	0.85	0.44	0.16	0	1.36
3.6	3.05	2.5	1.95	1.41	0.89	0.46	0.17	6.42	5.96	5.64	5.3	4.89	4.43	3.92	3.39	2.87	2.36	1.84	1.33	0.84	0.43	0.16	0	1.71
3.61	3.06	2.51	1.95	1.4	0.88	0.46	0.17	6.43	5.97	5.65	5.31	4.9	4.44	3.93	3.4	2.88	2.36	1.84	1.32	0.83	0.43	0.16	0	1.41
3.62	3.07	2.51	1.95	1.4	0.88	0.45	0.17	6.44	5.98	5.66	5.32	4.91	4.44	3.93	3.4	2.88	2.36	1.84	1.31	0.82	0.42	0.16	0	1.68
3.63	3.07	2.51	1.95	1.39	0.87	0.45	0.17	6.45	5.98	5.66	5.32	4.91	4.45	3.93	3.4	2.88	2.36	1.83	1.31	0.81	0.42	0.15	0	1.46
3.64	3.08	2.52	1.95	1.39	0.86	0.44	0.16	6.45	5.99	5.67	5.32	4.91	4.45	3.94	3.41	2.88	2.35	1.82	1.3	0.81	0.41	0.15	0	1.41
3.65	3.09	2.52	1.95	1.38	0.86	0.44	0.16	6.46	5.99	5.67	5.32	4.92	4.45	3.94	3.41	2.88	2.35	1.82	1.29	0.8	0.41	0.15	0	1.16
3.66	3.09	2.52	1.94	1.37	0.85	0.43	0.16	6.46	5.99	5.67	5.32	4.92	4.45	3.94	3.41	2.87	2.34	1.81	1.28	0.79	0.4	0.15	0	1.5
3.67	3.1	2.52	1.94	1.37	0.84	0.43	0.16	6.46	5.99	5.67	5.33	4.92	4.45	3.94	3.4	2.87	2.33	1.8	1.27	0.78	0.4	0.14	0	1.32
3.69	3.1	2.52	1.93	1.36	0.84	0.42	0.15	6.46	5.99	5.67	5.32	4.92	4.45	3.94	3.4	2.86	2.32	1.78	1.26	0.77	0.39	0.14	0	1.7
3.7	3.11	2.51	1.92	1.35	0.83	0.42	0.15	6.46	5.98	5.67	5.32	4.91	4.45	3.93	3.4	2.86	2.31	1.77	1.24	0.76	0.39	0.14	0	1.37
3.71	3.11	2.51	1.91	1.34	0.82	0.																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.98	3.36	2.73	2.07	1.4	0.8	0.38	0.14	6.34	5.93	5.6	5.27	4.87	4.4	3.9	3.37	2.85	2.32	1.77	1.21	0.7	0.33	0.12	0	2.4
3.99	3.36	2.73	2.07	1.4	0.8	0.38	0.14	6.35	5.94	5.61	5.28	4.87	4.41	3.9	3.37	2.85	2.32	1.77	1.21	0.7	0.33	0.12	0	2.27
3.99	3.36	2.73	2.07	1.4	0.8	0.38	0.14	6.36	5.95	5.62	5.29	4.88	4.42	3.91	3.38	2.85	2.32	1.77	1.2	0.7	0.33	0.12	0	1.56
4	3.36	2.72	2.06	1.39	0.8	0.38	0.14	6.38	5.96	5.63	5.29	4.89	4.42	3.91	3.38	2.85	2.32	1.76	1.2	0.69	0.33	0.12	0	1.8
4	3.37	2.72	2.06	1.39	0.8	0.37	0.14	6.39	5.96	5.64	5.3	4.89	4.43	3.92	3.38	2.85	2.31	1.76	1.19	0.69	0.33	0.12	0	2.26
4.01	3.37	2.72	2.05	1.38	0.79	0.37	0.13	6.4	5.96	5.65	5.31	4.9	4.43	3.92	3.38	2.85	2.31	1.75	1.19	0.68	0.32	0.12	62.7	2.34
4.01	3.37	2.72	2.05	1.37	0.78	0.37	0.13	6.4	5.96	5.65	5.3	4.9	4.43	3.92	3.38	2.85	2.3	1.74	1.18	0.68	0.32	0.12	0	2.19
4.02	3.37	2.72	2.04	1.37	0.78	0.36	0.13	6.4	5.95	5.64	5.3	4.89	4.43	3.92	3.38	2.84	2.3	1.74	1.17	0.67	0.32	0.11	0	1.53
4.02	3.37	2.71	2.03	1.36	0.77	0.36	0.13	6.39	5.94	5.63	5.29	4.88	4.42	3.91	3.37	2.84	2.29	1.73	1.16	0.66	0.31	0.11	0	1.98
4.02	3.36	2.71	2.03	1.35	0.76	0.35	0.13	6.38	5.93	5.63	5.28	4.88	4.41	3.9	3.37	2.83	2.28	1.72	1.15	0.65	0.31	0.11	0	2.16
4.02	3.36	2.7	2.02	1.34	0.75	0.35	0.12	6.37	5.91	5.61	5.27	4.87	4.4	3.9	3.36	2.83	2.28	1.71	1.14	0.65	0.3	0.11	0	2.2
4.02	3.36	2.7	2.01	1.33	0.74	0.35	0.12	6.36	5.91	5.61	5.27	4.86	4.4	3.89	3.36	2.82	2.27	1.7	1.13	0.64	0.3	0.1	0	1.81
4.02	3.36	2.7	2	1.32	0.74	0.34	0.12	6.36	5.9	5.6	5.26	4.86	4.39	3.89	3.36	2.82	2.27	1.69	1.12	0.63	0.29	0.1	0	1.68
4.02	3.36	2.69	2	1.31	0.73	0.34	0.12	6.35	5.89	5.59	5.25	4.85	4.39	3.88	3.35	2.81	2.26	1.69	1.11	0.62	0.29	0.1	0	2
4.02	3.36	2.69	1.99	1.3	0.72	0.33	0.11	6.33	5.88	5.57	5.24	4.84	4.38	3.87	3.35	2.81	2.25	1.68	1.1	0.62	0.29	0.1	0	1.95
4.02	3.36	2.69	1.98	1.3	0.72	0.33	0.11	6.32	5.86	5.56	5.22	4.83	4.37	3.87	3.34	2.8	2.25	1.67	1.1	0.61	0.28	0.1	0	1.8
4.01	3.36	2.68	1.98	1.29	0.71	0.33	0.11	6.29	5.84	5.54	5.21	4.81	4.36	3.86	3.33	2.8	2.24	1.66	1.09	0.61	0.28	0.09	0	1.81
4.01	3.36	2.68	1.97	1.29	0.71	0.33	0.11	6.27	5.82	5.52	5.19	4.79	4.34	3.85	3.32	2.79	2.23	1.66	1.09	0.6	0.28	0.09	0	1.63
4.01	3.36	2.68	1.97	1.29	0.71	0.32	0.11	6.24	5.8	5.5	5.17	4.78	4.33	3.84	3.31	2.78	2.23	1.65	1.08	0.6	0.28	0.09	0	1.88
4	3.36	2.68	1.97	1.28	0.71	0.32	0.11	6.22	5.78	5.47	5.15	4.76	4.31	3.82	3.31	2.78	2.22	1.64	1.08	0.6	0.27	0.09	0	2.08
4	3.35	2.68	1.97	1.28	0.7	0.32	0.11	6.2	5.76	5.45	5.13	4.74	4.3	3.81	3.3	2.77	2.22	1.64	1.07	0.6	0.27	0.09	0	1.89
4	3.35	2.67	1.96	1.28	0.7	0.32	0.11	6.17	5.73	5.43	5.11	4.72	4.28	3.8	3.29	2.76	2.21	1.64	1.07	0.59	0.27	0.09	0	1.84
3.99	3.35	2.67	1.96	1.27	0.7	0.32	0.11	6.15	5.71	5.41	5.09	4.71	4.27	3.79	3.28	2.76	2.21	1.63	1.06	0.59	0.27	0.09	0	1.62
3.99	3.35	2.67	1.96	1.27	0.7	0.32	0.11	6.12	5.68	5.38	5.07	4.68	4.25	3.77	3.26	2.75	2.2	1.62	1.06	0.59	0.27	0.09	0	2.1
3.98	3.34	2.67	1.96	1.27	0.7	0.32	0.11	6.09	5.65	5.36	5.04	4.66	4.23	3.75	3.25	2.74	2.19	1.62	1.06	0.59	0.27	0.09	0	2.21
3.97	3.34	2.66	1.95	1.26	0.7	0.32	0.11	6.05	5.62	5.33	5.02	4.64	4.21	3.74	3.24	2.73	2.18	1.61	1.05	0.59	0.27	0.09	0	2.18
3.97	3.33	2.65	1.94	1.26	0.7	0.32	0.11	6.01	5.59	5.3	4.99	4.61	4.19	3.72	3.22	2.71	2.17	1.6	1.04	0.59	0.27	0.09	0	1.43
3.96	3.32	2.64	1.94	1.25	0.7	0.32	0.11	5.97	5.55	5.27	4.96	4.59	4.17	3.7	3.21	2.7	2.16	1.59	1.04	0.59	0.27	0.09	0	2.03
3.95	3.31	2.64	1.93	1.25	0.7	0.32	0.11	5.93	5.52	5.24	4.94	4.57	4.15	3.68	3.19	2.69	2.15	1.58	1.03	0.58	0.27	0.09	81.5	2.23
3.94	3.3	2.63	1.92	1.25	0.7	0.31	0.11	5.89	5.49	5.21	4.91	4.54	4.13	3.67	3.18	2.68	2.14	1.58	1.03	0.58	0.26	0.09	0	2.14
3.93	3.3	2.62	1.92	1.24	0.69	0.31	0.11	5.86	5.45	5.18	4.88	4.52	4.11	3.65	3.17	2.66	2.13	1.57	1.02	0.58	0.26	0.09	0	1.82
3.92	3.29	2.62	1.91	1.24	0.69	0.31	0.11	5.82	5.42	5.15	4.86	4.5	4.09	3.64	3.15	2.65	2.12	1.56	1.02	0.57	0.26	0.09	0	1.51
3.91	3.28	2.61	1.91	1.24	0.69	0.31	0.11	5.79	5.39	5.13	4.84	4.48	4.08	3.62	3.14	2.65	2.11	1.56	1.02	0.57	0.26	0.09	0	2.09
3.91	3.28	2.61	1.91	1.24	0.69	0.31	0.1	5.76	5.36	5.1	4.81	4.46	4.06	3.61	3.13	2.64	2.11	1.55	1.02	0.57	0.26	0.09	62.9	2.11
3.9	3.27	2.61	1.91	1.24	0.69	0.31	0.1	5.73	5.33	5.08	4.79	4.44	4.04	3.6	3.12	2.63	2.1	1.55	1.02	0.57	0.26	0.09	0	1.76
3.89	3.26	2.6	1.91	1.24	0.69	0.31	0.11	5.7	5.3	5.05	4.76	4.42	4.03	3.58	3.11	2.62	2.1	1.55	1.02	0.57	0.26	0.09	0	1.55
3.88	3.26	2.6	1.91	1.25	0.69	0.31	0.11	5.66	5.27	5.02	4.74	4.4	4.01	3.57	3.1	2.61	2.1	1.55	1.02	0.57	0.26	0.09	0	1.84
3.87	3.25	2.6	1.91	1.25	0.7	0.32	0.11	5.63	5.24	4.99	4.71	4.38	3.99	3.55	3.09	2.61	2.09	1.55	1.02	0.58	0.26	0.09	0	1.31
3.86	3.25	2.6	1.91	1.25	0.7	0.32	0.11	5.6	5.21	4.96	4.69	4.36	3.97	3.54	3.08	2.6	2.09	1.55	1.03	0.58	0.27	0.09	0	1.22
3.85	3.24	2.6	1.92	1.26	0.71	0.33	0.11	5.57	5.19	4.94	4.66	4.34	3.96	3.53	3.07	2.59	2.09	1.55	1.03	0.58	0.27	0.09	0	0.93
3.84	3.23	2.59	1.92	1.27	0.72	0.33	0.11	5.55	5.16	4.92	4.65	4.32	3.95	3.52	3.06	2.59	2.09	1.56	1.04	0.59	0.28	0.09	0	1.04
3.83	3.23	2.59	1.92	1.27	0.72	0.34	0.12	5.53	5.14	4.9	4.63	4.31	3.94	3.51	3.05	2.58	2.08	1.56	1.04	0.6	0.28	0.1	0	0.93
3.82	3.22	2.59	1.93	1.28	0.73	0.34	0.12	5.51	5.12	4.88	4.61	4.29	3.92	3.5	3.05	2.58	2.08	1.56	1.05	0.6	0.28	0.1	0	1.45
3.8	3.21	2.59	1.93	1.29	0.74	0.35	0.12	5.49	5.1	4.87	4.6	4.28	3.91	3.49	3.04	2.57	2.08	1.57	1.05	0.61	0.29	0.1	0	1.64
3.79	3.2	2.58	1.94	1.3	0.75	0.36	0.13	5.47	5.09	4.85	4.58	4.26	3.9	3.48	3.03	2.57	2.08	1.57	1.06	0.62	0.3	0.1	0	1.59
3.78	3.19	2.58	1.94	1.31	0.76	0.36	0.13	5.46	5.07	4.84	4.57	4.25	3.89	3.47	3.02	2.56	2.08	1.57	1.07	0.62	0.3	0.11	0	1.37
3.77	3.18	2.58	1.94	1.32	0.77	0.37	0.13	5.44	5.06	4.82	4.55	4.24	3.88	3.46	3.02	2.56	2.08	1.58	1.07	0.63	0.31	0.11	0	1.83
3.76	3.17	2.57	1.94	1.32	0.77	0.37	0.14	5.43	5.04	4.81	4.54	4.22	3.87	3.45	3.01	2.55	2.07	1.58	1.08	0.64	0.31	0.11	0	1.92
3.74	3.16	2.56	1.94	1.33	0.78	0.38	0.14	5.41	5.03	4.79	4.53	4.21	3.85	3.44	3	2.54	2.07	1.58	1.08	0.64	0.31	0.11	0	1.67
3.72	3.15	2.56	1.94	1.33	0.78	0.38	0.14	5.4	5.02	4.77	4.51	4.2	3.84	3.43	2.99	2.53	2.07	1.58	1.09	0.65	0.32	0.12	0	1.36
3.7	3.13	2.55	1.93	1.33	0.79	0.39	0.14	5.39	5.01	4.76	4.5	4.19	3.83	3.42	2.98	2.53	2.06	1.57	1.09	0.65	0.32	0.12	0	1.85
3.68	3.11	2.53	1.93	1.33	0.79	0.39	0.14	5.37	4.99	4.74	4.48	4.17	3.81	3.4	2.97	2.52	2.05	1.57	1.09	0.65	0.32	0.12	0	1.89
3.66	3.09	2.52	1.92	1.33	0.79	0.39	0.15	5.36	4.97	4.73	4.46	4.15	3.8	3.39	2.95	2.51	2.05	1.57	1.09	0.66	0.32	0.12	0	1.81
3.63	3.07	2.51	1.91	1.33	0.8	0.39	0.15	5.34	4.96	4.71	4.45	4.14	3.78	3.38	2.94	2.5	2.04	1.57	1.09	0.66	0.33	0.12	0	1.33
3.6	3.05	2.49	1.9	1.32	0.8	0.4																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.05	2.58	2.09	1.58	1.08	0.63	0.3	0.11	5.35	4.94	4.67	4.41	4.09	3.72	3.31	2.86	2.42	1.96	1.48	1.01	0.59	0.28	0.1	0	1.87
3.05	2.57	2.09	1.59	1.08	0.63	0.3	0.11	5.35	4.94	4.67	4.4	4.09	3.72	3.3	2.86	2.42	1.96	1.49	1.01	0.59	0.28	0.1	0	1.64
3.04	2.57	2.09	1.59	1.08	0.63	0.3	0.11	5.34	4.94	4.66	4.4	4.08	3.72	3.3	2.86	2.42	1.96	1.49	1.01	0.59	0.28	0.1	0	1.47
3.04	2.57	2.09	1.59	1.08	0.63	0.3	0.11	5.33	4.93	4.66	4.4	4.08	3.71	3.3	2.86	2.41	1.96	1.49	1.01	0.59	0.28	0.1	0	2.1
3.04	2.57	2.09	1.58	1.08	0.63	0.3	0.11	5.32	4.93	4.65	4.39	4.08	3.71	3.3	2.86	2.41	1.96	1.48	1.01	0.59	0.28	0.1	0	2.03
3.04	2.57	2.09	1.58	1.08	0.63	0.3	0.11	5.31	4.93	4.64	4.39	4.07	3.71	3.29	2.85	2.41	1.95	1.48	1.01	0.58	0.28	0.1	0	1.68
3.03	2.56	2.08	1.58	1.08	0.63	0.3	0.11	5.3	4.92	4.63	4.38	4.06	3.7	3.29	2.85	2.4	1.95	1.48	1	0.58	0.27	0.1	0	2.16
3.03	2.56	2.08	1.57	1.07	0.62	0.29	0.11	5.3	4.91	4.62	4.37	4.06	3.69	3.28	2.84	2.4	1.94	1.47	1	0.58	0.27	0.1	0	2.11
3.03	2.56	2.07	1.57	1.07	0.62	0.29	0.11	5.29	4.9	4.61	4.36	4.05	3.69	3.27	2.83	2.39	1.94	1.46	0.99	0.57	0.27	0.1	0	1.57
3.02	2.55	2.07	1.56	1.06	0.61	0.29	0.1	5.28	4.9	4.6	4.36	4.04	3.68	3.26	2.83	2.39	1.93	1.46	0.99	0.57	0.26	0.09	0	1.65
3.02	2.55	2.06	1.56	1.05	0.6	0.28	0.1	5.27	4.89	4.59	4.35	4.03	3.67	3.26	2.82	2.38	1.92	1.45	0.98	0.56	0.26	0.09	0	2.21
3.01	2.54	2.06	1.55	1.04	0.6	0.28	0.1	5.26	4.87	4.58	4.33	4.02	3.66	3.25	2.81	2.37	1.92	1.44	0.97	0.55	0.25	0.09	0	2.35
3.01	2.53	2.05	1.54	1.04	0.59	0.27	0.1	5.24	4.86	4.57	4.32	4.01	3.65	3.24	2.8	2.36	1.91	1.43	0.96	0.55	0.25	0.09	0	1.82
3	2.53	2.04	1.54	1.03	0.58	0.27	0.1	5.23	4.85	4.57	4.31	4	3.64	3.23	2.79	2.35	1.9	1.43	0.95	0.54	0.25	0.09	0	1.71
3	2.53	2.04	1.53	1.02	0.58	0.27	0.1	5.22	4.84	4.56	4.3	4	3.64	3.22	2.79	2.35	1.9	1.42	0.95	0.54	0.24	0.09	0	2.13
3	2.52	2.04	1.53	1.02	0.58	0.26	0.1	5.21	4.83	4.56	4.3	3.99	3.63	3.22	2.78	2.34	1.89	1.42	0.94	0.53	0.24	0.09	0	1.98
3	2.52	2.03	1.52	1.01	0.57	0.26	0.09	5.21	4.82	4.55	4.29	3.99	3.63	3.22	2.78	2.34	1.88	1.41	0.94	0.53	0.24	0.09	0	1.8
3	2.52	2.03	1.52	1.01	0.57	0.26	0.09	5.22	4.82	4.56	4.29	3.99	3.63	3.21	2.78	2.33	1.88	1.41	0.93	0.52	0.24	0.08	0	1.74
3	2.52	2.02	1.51	1	0.56	0.25	0.09	5.23	4.82	4.56	4.3	3.99	3.63	3.22	2.78	2.33	1.88	1.4	0.93	0.52	0.23	0.08	0	1.67
3	2.52	2.02	1.51	1	0.56	0.25	0.09	5.24	4.82	4.57	4.3	3.99	3.63	3.22	2.78	2.33	1.87	1.4	0.92	0.51	0.23	0.08	0	1.11
3	2.51	2.02	1.5	0.99	0.55	0.25	0.09	5.26	4.82	4.58	4.31	4	3.63	3.22	2.78	2.33	1.87	1.39	0.92	0.51	0.23	0.08	0	2.11
3	2.51	2.01	1.5	0.99	0.55	0.24	0.09	5.27	4.83	4.58	4.31	4	3.64	3.22	2.78	2.33	1.87	1.39	0.91	0.51	0.22	0.08	0	2.38
3	2.51	2.01	1.49	0.98	0.54	0.24	0.09	5.28	4.84	4.59	4.32	4.01	3.64	3.23	2.78	2.33	1.87	1.39	0.91	0.5	0.22	0.08	0	2.11
3	2.51	2.01	1.49	0.98	0.54	0.24	0.08	5.29	4.85	4.6	4.33	4.02	3.65	3.23	2.79	2.33	1.87	1.38	0.91	0.5	0.22	0.08	0	1.75
3	2.51	2	1.48	0.97	0.53	0.24	0.08	5.3	4.85	4.61	4.34	4.02	3.66	3.24	2.79	2.33	1.86	1.38	0.9	0.5	0.22	0.08	0	2.2
3	2.5	2	1.47	0.96	0.53	0.23	0.08	5.32	4.87	4.63	4.35	4.03	3.67	3.25	2.8	2.33	1.86	1.37	0.9	0.49	0.21	0.07	0	2.36
3	2.5	1.99	1.47	0.95	0.52	0.23	0.08	5.33	4.89	4.64	4.36	4.05	3.68	3.26	2.8	2.34	1.86	1.37	0.89	0.49	0.21	0.07	0	2.16
3	2.5	1.98	1.46	0.94	0.52	0.22	0.08	5.36	4.91	4.66	4.38	4.06	3.69	3.27	2.81	2.34	1.86	1.36	0.88	0.48	0.21	0.07	0	1.32
2.99	2.49	1.97	1.45	0.93	0.51	0.22	0.08	5.38	4.93	4.68	4.4	4.08	3.71	3.28	2.82	2.34	1.86	1.36	0.87	0.47	0.2	0.07	0	2.12
2.99	2.48	1.96	1.43	0.92	0.5	0.21	0.07	5.4	4.95	4.7	4.42	4.1	3.72	3.29	2.82	2.34	1.85	1.35	0.86	0.47	0.2	0.07	0	2.27
2.99	2.48	1.95	1.42	0.9	0.49	0.21	0.07	5.42	4.98	4.72	4.44	4.11	3.73	3.3	2.83	2.35	1.85	1.34	0.85	0.46	0.19	0.06	0	2.11
2.98	2.47	1.94	1.41	0.89	0.48	0.2	0.07	5.43	5	4.74	4.45	4.13	3.75	3.31	2.84	2.35	1.84	1.33	0.84	0.45	0.19	0.06	0	1.74
2.98	2.46	1.93	1.39	0.88	0.47	0.2	0.06	5.45	5.02	4.75	4.47	4.14	3.76	3.32	2.84	2.35	1.84	1.32	0.83	0.44	0.18	0.06	0	1.52
2.97	2.46	1.92	1.38	0.86	0.46	0.19	0.06	5.46	5.04	4.77	4.49	4.16	3.77	3.32	2.85	2.35	1.84	1.31	0.82	0.43	0.18	0.06	0	2.14
2.97	2.45	1.92	1.37	0.85	0.45	0.19	0.06	5.48	5.07	4.79	4.51	4.18	3.78	3.34	2.85	2.35	1.84	1.31	0.81	0.42	0.18	0.05	0	2.27
2.97	2.45	1.91	1.35	0.84	0.44	0.18	0.06	5.5	5.09	4.81	4.52	4.19	3.8	3.35	2.86	2.35	1.83	1.3	0.8	0.42	0.17	0.05	0	1.99
2.96	2.44	1.89	1.34	0.83	0.43	0.18	0.05	5.52	5.11	4.82	4.54	4.21	3.81	3.35	2.86	2.35	1.83	1.29	0.79	0.41	0.17	0.05	0	1.56
2.96	2.43	1.88	1.33	0.81	0.42	0.17	0.05	5.54	5.13	4.84	4.55	4.22	3.82	3.36	2.86	2.35	1.82	1.28	0.78	0.4	0.16	0.05	0	2.1
2.95	2.42	1.87	1.31	0.8	0.41	0.17	0.05	5.55	5.14	4.85	4.57	4.23	3.83	3.37	2.86	2.34	1.81	1.26	0.77	0.39	0.16	0.05	0	2.29
2.95	2.41	1.85	1.29	0.79	0.4	0.17	0.05	5.56	5.15	4.86	4.58	4.24	3.84	3.37	2.86	2.34	1.8	1.25	0.76	0.39	0.16	0.04	0	2.21
2.94	2.4	1.84	1.28	0.77	0.39	0.16	0.05	5.57	5.16	4.87	4.58	4.24	3.84	3.37	2.86	2.33	1.78	1.23	0.74	0.38	0.15	0.04	0	1.69
2.93	2.39	1.82	1.26	0.76	0.38	0.15	0.04	5.57	5.17	4.87	4.59	4.25	3.84	3.37	2.85	2.32	1.77	1.22	0.73	0.37	0.15	0.04	0	1.95
2.93	2.38	1.81	1.24	0.74	0.37	0.15	0.04	5.58	5.17	4.87	4.59	4.25	3.84	3.37	2.85	2.31	1.75	1.2	0.72	0.35	0.14	0.04	0	2.22
2.93	2.37	1.79	1.23	0.73	0.36	0.14	0.04	5.58	5.17	4.88	4.6	4.25	3.85	3.37	2.84	2.3	1.74	1.19	0.7	0.35	0.14	0.04	0	2.12
2.92	2.36	1.78	1.21	0.72	0.35	0.14	0.04	5.58	5.18	4.89	4.6	4.26	3.85	3.37	2.84	2.29	1.72	1.17	0.69	0.34	0.13	0.04	0	1.31
2.92	2.35	1.77	1.2	0.71	0.34	0.13	0.04	5.59	5.18	4.89	4.6	4.26	3.85	3.36	2.83	2.27	1.71	1.16	0.68	0.33	0.13	0.03	0	1.33
2.92	2.34	1.75	1.18	0.69	0.34	0.13	0.04	5.58	5.17	4.89	4.6	4.25	3.84	3.36	2.82	2.26	1.69	1.14	0.66	0.32	0.12	0.03	0	1.79
2.92	2.33	1.74	1.17	0.68	0.33	0.13	0.03	5.57	5.16	4.88	4.59	4.25	3.84	3.35	2.81	2.24	1.67	1.12	0.65	0.31	0.12	0.03	0	2.2
2.91	2.32	1.72	1.15	0.67	0.32	0.12	0.03	5.56	5.14	4.87	4.58	4.24	3.82	3.34	2.79	2.22	1.65	1.1	0.64	0.31	0.12	0.03	0	2.31
2.91	2.31	1.71	1.14	0.66	0.32	0.12	0.03	5.53	5.12	4.85	4.56	4.22	3.81	3.32	2.78	2.2	1.63	1.08	0.63	0.3	0.11	0.03	0	2.1
2.9	2.3	1.69	1.12	0.65	0.31	0.12	0.03	5.51	5.11	4.83	4.55	4.21	3.79	3.3	2.76	2.18	1.61	1.06	0.62	0.29	0.11	0.03	0	1.83
2.9	2.3	1.68	1.11	0.64	0.31	0.12	0.03	5.49	5.09	4.81	4.53	4.19	3.78	3.29	2.74	2.16	1.58	1.04	0.6	0.29	0.11	0.03	0	2.49
2.91	2.29	1.67	1.09	0.63	0.3	0.11	0.03	5.48	5.08	4.79	4.52	4.18	3.77	3.28	2.73	2.15	1.56	1.02	0.59	0.28	0.1	0.03	0	2.48
2.92	2.29	1.66	1.08	0.62	0.29	0.11	0.03	5.47	5.07	4.78	4.51	4.17	3.76	3.27	2.71	2.13	1.54	1	0.57	0.27	0.1	0.02	0	2.24
2.92	2.29	1.65	1.07	0.61	0.29	0.11	0.03	5.46	5.06	4.77	4.5													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.65	2.02	1.41	0.86	0.46	0.21	0.07	0.02	4.58	4.15	3.9	3.67	3.37	3.02	2.6	2.13	1.64	1.15	0.71	0.38	0.18	0.06	0.01	0	1.88
2.63	2.02	1.4	0.86	0.46	0.21	0.07	0.01	4.56	4.13	3.88	3.64	3.35	3	2.59	2.12	1.64	1.15	0.71	0.38	0.17	0.06	0.01	0	1.44
2.62	2	1.4	0.86	0.45	0.2	0.07	0.01	4.53	4.1	3.85	3.62	3.32	2.97	2.57	2.11	1.63	1.14	0.71	0.38	0.17	0.06	0.01	0	1.78
2.6	1.99	1.39	0.85	0.45	0.2	0.07	0.01	4.51	4.07	3.82	3.59	3.3	2.95	2.55	2.09	1.62	1.14	0.7	0.38	0.17	0.06	0.01	0	1.99
2.57	1.98	1.38	0.85	0.45	0.2	0.07	0.01	4.49	4.04	3.8	3.56	3.27	2.93	2.52	2.08	1.61	1.13	0.7	0.37	0.16	0.06	0.01	0	2.17
2.55	1.96	1.37	0.84	0.45	0.19	0.07	0.01	4.46	4.01	3.77	3.53	3.24	2.9	2.5	2.06	1.6	1.13	0.7	0.37	0.16	0.06	0.01	0	2.09
2.53	1.95	1.37	0.84	0.44	0.19	0.07	0.01	4.44	3.97	3.74	3.51	3.22	2.88	2.48	2.05	1.59	1.12	0.7	0.37	0.16	0.05	0.01	150.8	1.55
2.51	1.94	1.36	0.84	0.44	0.19	0.06	0.01	4.42	3.95	3.72	3.49	3.2	2.86	2.47	2.03	1.58	1.12	0.7	0.37	0.16	0.05	0.01	0	1.87
2.5	1.93	1.36	0.84	0.44	0.19	0.06	0.01	4.4	3.93	3.7	3.47	3.18	2.84	2.45	2.03	1.58	1.12	0.7	0.37	0.16	0.05	0.01	0	2.28
2.49	1.92	1.36	0.84	0.45	0.19	0.07	0.01	4.39	3.91	3.69	3.46	3.17	2.83	2.45	2.02	1.57	1.12	0.7	0.37	0.16	0.05	0.01	0	2.31
2.48	1.92	1.35	0.84	0.45	0.19	0.06	0.01	4.38	3.91	3.67	3.45	3.16	2.82	2.44	2.01	1.57	1.12	0.7	0.37	0.16	0.05	0.01	0	1.97
2.47	1.92	1.35	0.84	0.45	0.19	0.06	0.01	4.38	3.9	3.67	3.44	3.15	2.82	2.43	2.01	1.57	1.12	0.7	0.38	0.16	0.05	0.01	0	1.6
2.47	1.92	1.36	0.84	0.45	0.19	0.06	0.01	4.38	3.91	3.67	3.44	3.15	2.82	2.43	2.02	1.58	1.12	0.7	0.38	0.16	0.05	0.01	0	2.02
2.47	1.92	1.37	0.85	0.45	0.19	0.06	0.01	4.38	3.91	3.66	3.44	3.15	2.82	2.43	2.02	1.58	1.13	0.71	0.38	0.16	0.05	0.01	0	1.96
2.47	1.93	1.37	0.86	0.46	0.19	0.07	0.01	4.37	3.9	3.66	3.43	3.15	2.81	2.43	2.02	1.58	1.14	0.72	0.38	0.16	0.05	0.01	0	1.95
2.48	1.94	1.39	0.87	0.47	0.2	0.07	0.01	4.38	3.9	3.66	3.43	3.15	2.82	2.44	2.02	1.59	1.15	0.73	0.39	0.17	0.06	0.01	0	1.67
2.49	1.95	1.4	0.88	0.47	0.2	0.07	0.01	4.38	3.9	3.66	3.43	3.15	2.81	2.44	2.03	1.6	1.15	0.73	0.4	0.17	0.06	0.01	0	2.02
2.5	1.96	1.41	0.9	0.48	0.21	0.07	0.01	4.38	3.89	3.66	3.43	3.15	2.81	2.44	2.03	1.61	1.16	0.75	0.41	0.18	0.06	0.01	0	2.38
2.5	1.97	1.43	0.91	0.49	0.22	0.08	0.02	4.39	3.89	3.66	3.42	3.14	2.81	2.44	2.03	1.61	1.17	0.76	0.41	0.18	0.06	0.01	0	2.37
2.51	1.98	1.44	0.92	0.5	0.22	0.08	0.02	4.39	3.88	3.65	3.42	3.14	2.81	2.43	2.03	1.62	1.18	0.76	0.42	0.19	0.07	0.01	0	1.62
2.51	1.99	1.45	0.93	0.51	0.23	0.08	0.02	4.39	3.87	3.65	3.41	3.13	2.8	2.43	2.03	1.62	1.19	0.77	0.42	0.19	0.07	0.01	0	2.19
2.51	1.99	1.45	0.94	0.51	0.23	0.08	0.02	4.39	3.86	3.63	3.4	3.12	2.79	2.42	2.03	1.62	1.19	0.77	0.43	0.2	0.07	0.01	0	2.45
2.5	1.99	1.46	0.94	0.52	0.24	0.08	0.02	4.38	3.84	3.62	3.39	3.11	2.78	2.41	2.02	1.61	1.19	0.78	0.43	0.2	0.07	0.01	0	2.27
2.5	1.99	1.46	0.95	0.52	0.24	0.09	0.02	4.37	3.82	3.6	3.37	3.09	2.77	2.4	2.01	1.61	1.19	0.78	0.44	0.2	0.07	0.01	0	1.78
2.49	1.98	1.46	0.95	0.53	0.25	0.09	0.02	4.35	3.8	3.58	3.35	3.07	2.75	2.38	2	1.6	1.19	0.79	0.44	0.21	0.08	0.02	0	1.31
2.48	1.98	1.46	0.96	0.54	0.25	0.09	0.02	4.33	3.78	3.56	3.33	3.06	2.73	2.37	1.99	1.6	1.19	0.79	0.44	0.21	0.08	0.02	0	1.64
2.47	1.98	1.47	0.96	0.54	0.26	0.09	0.02	4.31	3.76	3.54	3.31	3.04	2.72	2.35	1.98	1.59	1.19	0.79	0.45	0.21	0.08	0.02	0	2.08
2.46	1.97	1.47	0.97	0.54	0.26	0.1	0.02	4.29	3.74	3.52	3.3	3.02	2.7	2.34	1.97	1.58	1.19	0.79	0.45	0.22	0.08	0.02	0	2.06
2.45	1.97	1.46	0.97	0.55	0.26	0.1	0.02	4.28	3.73	3.5	3.28	3	2.69	2.33	1.96	1.58	1.18	0.79	0.45	0.22	0.08	0.02	0	1.5
2.45	1.96	1.46	0.97	0.55	0.26	0.1	0.02	4.27	3.71	3.49	3.27	2.99	2.68	2.32	1.95	1.57	1.18	0.79	0.45	0.22	0.08	0.02	0	1.58
2.45	1.96	1.46	0.97	0.55	0.26	0.1	0.02	4.27	3.71	3.48	3.26	2.99	2.67	2.31	1.94	1.57	1.18	0.79	0.45	0.22	0.08	0.02	0	1.7
2.45	1.96	1.46	0.97	0.55	0.26	0.1	0.02	4.27	3.7	3.47	3.25	2.98	2.66	2.31	1.94	1.56	1.17	0.79	0.45	0.22	0.08	0.02	0	1.46
2.45	1.96	1.46	0.97	0.55	0.26	0.1	0.02	4.27	3.69	3.47	3.25	2.97	2.66	2.3	1.94	1.56	1.17	0.79	0.45	0.22	0.08	0.02	0	1.6
2.45	1.96	1.45	0.96	0.54	0.26	0.1	0.02	4.27	3.69	3.46	3.24	2.97	2.65	2.3	1.93	1.55	1.16	0.78	0.45	0.22	0.08	0.02	0	1.51
2.45	1.95	1.45	0.96	0.54	0.26	0.1	0.02	4.28	3.69	3.46	3.24	2.97	2.65	2.3	1.93	1.55	1.16	0.78	0.44	0.21	0.08	0.02	0	1.51
2.45	1.95	1.44	0.95	0.54	0.26	0.09	0.02	4.29	3.69	3.46	3.24	2.97	2.65	2.29	1.93	1.55	1.16	0.77	0.44	0.21	0.08	0.02	0	1.82
2.45	1.95	1.44	0.95	0.53	0.25	0.09	0.02	4.31	3.69	3.46	3.24	2.97	2.65	2.29	1.92	1.54	1.15	0.77	0.44	0.21	0.08	0.02	0	1.77
2.46	1.95	1.44	0.95	0.53	0.25	0.09	0.02	4.32	3.69	3.46	3.24	2.96	2.65	2.29	1.92	1.54	1.15	0.77	0.44	0.21	0.08	0.02	0	1.62
2.46	1.95	1.44	0.95	0.53	0.25	0.09	0.02	4.34	3.69	3.46	3.24	2.96	2.65	2.29	1.92	1.54	1.15	0.76	0.43	0.21	0.08	0.02	0	2.19
2.46	1.96	1.44	0.95	0.53	0.25	0.09	0.02	4.35	3.69	3.46	3.24	2.96	2.65	2.29	1.92	1.54	1.15	0.76	0.43	0.21	0.08	0.02	0	2.39
2.46	1.96	1.44	0.95	0.53	0.25	0.09	0.02	4.37	3.69	3.46	3.24	2.96	2.65	2.29	1.93	1.55	1.15	0.77	0.44	0.21	0.08	0.02	0	2.32
2.46	1.96	1.45	0.95	0.53	0.25	0.09	0.02	4.37	3.69	3.46	3.24	2.96	2.65	2.3	1.93	1.55	1.15	0.77	0.44	0.21	0.08	0.02	0	2.01
2.46	1.96	1.45	0.95	0.54	0.25	0.09	0.02	4.38	3.7	3.45	3.24	2.96	2.65	2.3	1.93	1.55	1.16	0.77	0.44	0.21	0.08	0.02	0	2.04
2.47	1.97	1.45	0.96	0.54	0.25	0.1	0.02	4.39	3.7	3.46	3.24	2.96	2.65	2.3	1.93	1.55	1.16	0.77	0.44	0.21	0.08	0.02	0	2.33
2.47	1.97	1.45	0.96	0.54	0.25	0.1	0.02	4.41	3.71	3.46	3.24	2.97	2.65	2.3	1.94	1.56	1.16	0.77	0.44	0.21	0.08	0.02	0	2.3
2.47	1.97	1.45	0.96	0.54	0.25	0.09	0.02	4.43	3.73	3.47	3.25	2.98	2.66	2.31	1.94	1.56	1.16	0.77	0.44	0.21	0.08	0.02	0	1.92
2.48	1.98	1.46	0.96	0.54	0.25	0.09	0.02	4.46	3.75	3.49	3.27	2.99	2.67	2.32	1.95	1.56	1.16	0.77	0.44	0.21	0.08	0.02	0	1.7
2.49	1.98	1.46	0.95	0.53	0.25	0.09	0.02	4.5	3.77	3.51	3.28	3	2.69	2.33	1.96	1.57	1.16	0.77	0.44	0.21	0.08	0.02	0	1.75
2.5	1.99	1.46	0.95	0.53	0.25	0.09	0.02	4.54	3.8	3.53	3.3	3.02	2.7	2.34	1.97	1.57	1.17	0.77	0.43	0.21	0.08	0.02	0	1.83
2.51	1.99	1.46	0.95	0.53	0.25	0.09	0.02	4.58	3.83	3.56	3.32	3.04	2.72	2.35	1.97	1.58	1.17	0.77	0.43	0.21	0.07	0.02	0	1.54
2.51	2	1.46	0.95	0.53	0.25	0.09	0.02	4.6	3.85	3.57	3.34	3.05	2.73	2.36	1.98	1.59	1.17	0.77	0.43	0.2	0.07	0.02	0	2.24
2.52	2	1.47	0.95	0.53	0.25	0.09	0.02	4.61	3.85	3.58	3.35	3.06	2.73	2.37	1.99	1.59	1.18	0.77	0.43	0.2	0.07	0.02	0	2.47
2.52	2	1.47	0.96	0.53	0.25	0.09	0.02	4.6	3.85	3.59	3.35	3.07	2.74	2.37	1.99	1.59	1.18	0.78	0.44	0.21	0.07	0.02	0	2.41
2.52	2.01	1.48	0.96	0.54	0.25	0.09	0.02	4.59	3.85	3.59	3.35	3.07	2.74	2.38	1.99	1.6	1.19	0.78	0.44	0.21	0.07	0.02	114.1	2.05
2.52	2.01	1.																						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.29	1.78	1.26	0.77	0.39	0.15	0.04	0.01	4.63	3.97	3.72	3.44	3.13	2.78	2.39	1.98	1.54	1.1	0.67	0.34	0.13	0.04	0.01	0	1.91
2.27	1.76	1.24	0.75	0.37	0.15	0.04	0.01	4.64	3.98	3.73	3.45	3.14	2.79	2.39	1.97	1.53	1.08	0.66	0.33	0.13	0.04	0.01	0	2
2.25	1.74	1.21	0.73	0.36	0.14	0.04	0.01	4.64	3.99	3.74	3.46	3.15	2.79	2.39	1.97	1.52	1.07	0.65	0.32	0.12	0.03	0.01	0	1.98
2.23	1.71	1.19	0.71	0.35	0.13	0.04	0.01	4.64	4	3.75	3.47	3.15	2.8	2.39	1.97	1.51	1.05	0.63	0.31	0.12	0.03	0.01	0	2.06
2.22	1.69	1.17	0.7	0.34	0.13	0.04	0.01	4.64	4.01	3.76	3.48	3.16	2.8	2.4	1.96	1.5	1.04	0.62	0.3	0.11	0.03	0.01	0	1.66
2.2	1.68	1.15	0.68	0.33	0.12	0.03	0.01	4.64	4.02	3.77	3.49	3.17	2.81	2.4	1.96	1.5	1.03	0.61	0.3	0.11	0.03	0.009	0	1.85
2.19	1.66	1.13	0.66	0.32	0.12	0.03	0.01	4.64	4.03	3.78	3.5	3.18	2.81	2.4	1.96	1.49	1.02	0.6	0.29	0.11	0.03	0.01	0	1.62
2.17	1.64	1.11	0.65	0.31	0.11	0.03	0.009	4.65	4.04	3.79	3.51	3.19	2.82	2.4	1.95	1.48	1.01	0.59	0.28	0.1	0.03	0.009	0	1.57
2.16	1.63	1.1	0.63	0.3	0.11	0.03	0.009	4.65	4.05	3.8	3.52	3.2	2.83	2.4	1.95	1.47	0.99	0.57	0.27	0.1	0.02	0.009	0	2.04
2.15	1.61	1.08	0.62	0.29	0.11	0.03	0.008	4.65	4.06	3.81	3.52	3.2	2.83	2.4	1.94	1.46	0.98	0.56	0.27	0.1	0.02	0.008	0	1.52
2.14	1.6	1.07	0.61	0.28	0.1	0.03	0.008	4.65	4.07	3.82	3.53	3.21	2.83	2.41	1.94	1.45	0.97	0.55	0.26	0.09	0.02	0.008	0	1.57
2.13	1.58	1.05	0.6	0.28	0.1	0.02	0.007	4.66	4.08	3.83	3.54	3.22	2.84	2.41	1.94	1.44	0.96	0.55	0.25	0.09	0.02	0.007	0	1.88
2.12	1.57	1.04	0.58	0.27	0.09	0.02	0.007	4.67	4.09	3.84	3.55	3.23	2.85	2.41	1.93	1.44	0.95	0.54	0.24	0.09	0.02	0.007	0	1.59
2.11	1.56	1.02	0.57	0.26	0.09	0.02	0.006	4.7	4.11	3.85	3.57	3.24	2.85	2.41	1.93	1.43	0.94	0.53	0.24	0.08	0.02	0.006	0	1.72
2.1	1.54	1.01	0.56	0.25	0.09	0.02	0.006	4.72	4.13	3.86	3.58	3.25	2.86	2.41	1.92	1.41	0.92	0.52	0.23	0.08	0.02	0.006	0	1.76
2.09	1.53	0.99	0.55	0.24	0.08	0.02	0.005	4.75	4.15	3.88	3.59	3.26	2.86	2.41	1.92	1.4	0.91	0.5	0.22	0.08	0.02	0.005	0	1.43
2.08	1.51	0.97	0.53	0.23	0.08	0.02	0.005	4.78	4.17	3.9	3.61	3.27	2.87	2.41	1.91	1.39	0.9	0.49	0.22	0.07	0.02	0.005	0	1.54
2.06	1.49	0.96	0.52	0.23	0.08	0.02	0.004	4.8	4.19	3.92	3.62	3.28	2.88	2.41	1.9	1.38	0.88	0.48	0.21	0.07	0.01	0.004	0	1.72
2.05	1.47	0.94	0.51	0.22	0.07	0.01	0.004	4.83	4.2	3.93	3.64	3.29	2.88	2.41	1.89	1.36	0.87	0.47	0.2	0.07	0.01	0.004	0	1.56
2.03	1.45	0.92	0.49	0.21	0.07	0.01	0.004	4.84	4.22	3.95	3.65	3.3	2.89	2.4	1.88	1.35	0.85	0.46	0.19	0.07	0.01	0.004	69.7	1.65
2.02	1.44	0.9	0.48	0.2	0.07	0.01	0.003	4.86	4.23	3.96	3.66	3.3	2.89	2.4	1.87	1.33	0.84	0.45	0.19	0.06	0.01	0.003	0	1.78
2	1.42	0.89	0.47	0.2	0.07	0.01	0.003	4.86	4.24	3.97	3.67	3.31	2.89	2.39	1.85	1.31	0.82	0.44	0.18	0.06	0.01	0.003	0	1.58
1.99	1.4	0.87	0.46	0.19	0.07	0.01	0.003	4.87	4.26	3.98	3.68	3.32	2.89	2.39	1.84	1.3	0.81	0.43	0.18	0.06	0.01	0.003	0	1.43
1.98	1.39	0.86	0.45	0.19	0.06	0.01	0.003	4.89	4.28	4	3.69	3.33	2.9	2.39	1.84	1.29	0.79	0.42	0.17	0.06	0.01	0.003	0	1.71
1.98	1.38	0.84	0.44	0.18	0.06	0.01	0.002	4.91	4.31	4.02	3.72	3.35	2.92	2.4	1.83	1.28	0.78	0.41	0.17	0.06	0.01	0.002	0	1.67
1.98	1.37	0.83	0.43	0.18	0.06	0.01	0.002	4.95	4.34	4.05	3.74	3.38	2.93	2.41	1.83	1.27	0.77	0.4	0.17	0.05	0.01	0.002	0	2.06
1.98	1.36	0.82	0.42	0.17	0.05	0.01	0.002	4.98	4.38	4.08	3.78	3.4	2.95	2.42	1.83	1.26	0.76	0.39	0.16	0.05	0.01	0.002	0	2.21
1.98	1.36	0.81	0.41	0.17	0.05	0.01	0.002	5.03	4.42	4.12	3.81	3.43	2.97	2.43	1.83	1.26	0.75	0.38	0.16	0.05	0.01	0.002	0	1.85
1.99	1.35	0.8	0.41	0.17	0.05	0.01	0.002	5.07	4.47	4.16	3.85	3.46	3	2.44	1.84	1.25	0.74	0.38	0.15	0.04	0.009	0.002	0	1.88
1.99	1.35	0.79	0.4	0.16	0.05	0.01	0.002	5.11	4.51	4.2	3.88	3.49	3.02	2.45	1.84	1.24	0.73	0.37	0.15	0.04	0.01	0.002	0	2.36
1.99	1.34	0.79	0.39	0.16	0.04	0.009	0.003	5.14	4.54	4.23	3.91	3.51	3.04	2.46	1.84	1.24	0.73	0.36	0.15	0.04	0.009	0.003	0	2.45
1.99	1.34	0.78	0.39	0.15	0.04	0.009	0.003	5.17	4.57	4.26	3.93	3.53	3.05	2.46	1.84	1.24	0.72	0.36	0.14	0.04	0.009	0.003	0	1.9
1.99	1.33	0.78	0.39	0.15	0.04	0.008	0.002	5.19	4.59	4.28	3.95	3.54	3.06	2.47	1.84	1.23	0.72	0.36	0.14	0.04	0.008	0.002	0	1.75
1.99	1.33	0.78	0.38	0.15	0.04	0.008	0.002	5.2	4.6	4.29	3.96	3.55	3.06	2.47	1.84	1.23	0.72	0.35	0.14	0.04	0.008	0.002	0	1.48
1.99	1.33	0.78	0.38	0.15	0.04	0.008	0.002	5.21	4.61	4.31	3.97	3.56	3.07	2.47	1.84	1.23	0.72	0.35	0.14	0.04	0.008	0.002	0	1.46
2	1.33	0.77	0.38	0.15	0.04	0.008	0.002	5.23	4.62	4.32	3.98	3.57	3.07	2.48	1.84	1.23	0.72	0.35	0.14	0.04	0.008	0.002	0	1.38
2	1.34	0.78	0.38	0.15	0.04	0.008	0.002	5.24	4.63	4.33	3.98	3.57	3.08	2.48	1.84	1.23	0.71	0.35	0.13	0.03	0.008	0.002	0	1.81
2.01	1.34	0.78	0.37	0.14	0.04	0.007	0.002	5.26	4.64	4.33	3.99	3.58	3.08	2.49	1.85	1.23	0.71	0.34	0.13	0.03	0.007	0.002	0	2.15
2.02	1.34	0.78	0.37	0.14	0.04	0.006	0.003	5.27	4.65	4.34	4	3.58	3.09	2.49	1.85	1.24	0.71	0.34	0.13	0.03	0.006	0.003	0	1.96
2.02	1.35	0.78	0.37	0.13	0.03	0.006	0.003	5.28	4.66	4.35	4	3.59	3.09	2.5	1.86	1.24	0.71	0.34	0.12	0.03	0.006	0.003	0	1.05
2.03	1.35	0.78	0.37	0.13	0.03	0.005	0.003	5.29	4.67	4.35	4	3.59	3.09	2.5	1.86	1.24	0.71	0.34	0.12	0.03	0.005	0.003	0	1.87
2.04	1.36	0.78	0.36	0.13	0.03	0.005	0.003	5.29	4.68	4.35	4	3.59	3.09	2.5	1.86	1.24	0.71	0.33	0.12	0.03	0.005	0.003	0	2.12
2.04	1.36	0.78	0.36	0.13	0.03	0.004	0.003	5.29	4.68	4.34	4	3.58	3.09	2.5	1.86	1.24	0.71	0.33	0.11	0.02	0.004	0.003	0	1.8
2.05	1.36	0.78	0.36	0.12	0.03	0.004	0.002	5.29	4.67	4.34	3.99	3.58	3.09	2.5	1.86	1.24	0.71	0.33	0.11	0.02	0.004	0.002	0	1.48
2.05	1.36	0.78	0.36	0.12	0.02	0.004	0.002	5.28	4.66	4.33	3.99	3.57	3.08	2.5	1.86	1.24	0.71	0.33	0.11	0.02	0.004	0.002	0	1.55
2.05	1.36	0.78	0.36	0.12	0.02	0.004	0.002	5.27	4.65	4.32	3.98	3.56	3.07	2.49	1.85	1.24	0.71	0.33	0.11	0.02	0.004	0.002	0	1.98
2.05	1.36	0.78	0.36	0.12	0.02	0.004	0.002	5.26	4.64	4.31	3.97	3.55	3.07	2.48	1.85	1.23	0.71	0.33	0.11	0.02	0.004	0.002	0	1.89
2.05	1.36	0.78	0.36	0.12	0.02	0.004	0.002	5.25	4.63	4.3	3.96	3.55	3.06	2.47	1.84	1.23	0.71	0.33	0.11	0.02	0.004	0.002	0	1.7
2.04	1.36	0.78	0.36	0.12	0.02	0.004	0.002	5.24	4.62	4.29	3.95	3.54	3.05	2.46	1.83	1.22	0.7	0.32	0.11	0.02	0.004	0.002	0	1.84
2.04	1.36	0.78	0.36	0.12	0.02	0.004	0.002	5.23	4.62	4.29	3.94	3.53	3.04	2.45	1.82	1.21	0.7	0.32	0.11	0.02	0.004	0.002	0	2.04
2.04	1.35	0.78	0.36	0.12	0.02	0.004	0.002	5.22	4.61	4.28	3.93	3.52	3.03	2.44	1.81	1.21	0.7	0.32	0.11	0.02	0.004	0.002	0	1.71
2.03	1.35	0.77	0.36	0.12	0.02	0.004	0.002	5.21	4.6	4.27	3.92	3.51	3.02	2.43	1.8	1.2	0.69	0.32	0.11	0.02	0.004	0.002	0	1.55
2.03	1.34	0.77	0.36	0.12	0.03	0.005	0.002	5.21	4.59	4.26	3.92	3.5	3.01	2.42	1.79	1.19	0.69	0.32	0.11	0.02	0.005	0.002	174.7	2.05
2.03	1.34	0.77	0.36	0.12	0.03	0.005	0.002	5.2	4.59	4.25	3													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.8	1.09	0.56	0.23	0.07	0.01	0	0.002	5.33	4.61	4.26	3.87	3.4	2.84	2.18	1.52	0.93	0.48	0.2	0.06	0.01	0	0.002	0	1.93
1.78	1.08	0.55	0.22	0.06	0.01	0	0.002	5.33	4.6	4.25	3.86	3.39	2.83	2.17	1.5	0.91	0.47	0.19	0.05	0.01	0	0.002	0	1.62
1.77	1.06	0.54	0.21	0.06		0	0.002	5.33	4.59	4.25	3.86	3.38	2.82	2.15	1.49	0.9	0.46	0.18	0.05		0	0.002	0	1.77
1.75	1.05	0.53	0.21	0.06		0.001	0.001	5.33	4.59	4.24	3.85	3.37	2.8	2.14	1.47	0.89	0.45	0.18	0.05		0.001	0.001	0	2.18
1.74	1.03	0.51	0.2	0.05		0.001	0.001	5.33	4.6	4.24	3.84	3.37	2.79	2.13	1.45	0.87	0.44	0.17	0.04		0.001	0.001	0	2.18
1.73	1.02	0.5	0.2	0.05		0.001	0.001	5.34	4.6	4.24	3.84	3.36	2.78	2.11	1.44	0.86	0.43	0.17	0.04		0.001	0.001	0	1.73
1.71	1	0.49	0.19	0.05	0.01	0.001	0.002	5.35	4.61	4.24	3.85	3.36	2.77	2.1	1.42	0.84	0.42	0.16	0.04	0.01	0.001	0.002	0	2.12
1.7	0.99	0.48	0.19	0.05	0.02	0.003	0.003	5.36	4.62	4.24	3.84	3.35	2.76	2.09	1.41	0.83	0.41	0.16	0.04	0.01	0.003	0.003	0	2.3
1.68	0.97	0.47	0.18	0.05	0.02	0.005	0.004	5.38	4.62	4.25	3.84	3.35	2.75	2.07	1.39	0.82	0.4	0.16	0.04	0.01	0.005	0.004	0	2.09
1.66	0.96	0.47	0.18	0.05	0.02	0.007	0.004	5.39	4.62	4.24	3.84	3.34	2.74	2.05	1.37	0.8	0.39	0.15	0.04	0.02	0.007	0.004	0	1.37
1.65	0.95	0.46	0.18	0.05	0.02	0.009	0.005	5.41	4.62	4.24	3.84	3.33	2.73	2.04	1.36	0.79	0.39	0.15	0.05	0.02	0.009	0.005	0	1.84
1.63	0.93	0.45	0.18	0.06	0.02	0.01	0.006	5.42	4.62	4.24	3.83	3.33	2.72	2.03	1.35	0.78	0.38	0.15	0.05	0.02	0.009	0.006	0	1.82
1.62	0.92	0.44	0.17	0.06	0.02	0.01	0.007	5.44	4.62	4.24	3.83	3.32	2.72	2.02	1.33	0.77	0.37	0.15	0.05	0.02	0.01	0.007	145.3	1.85
1.62	0.91	0.43	0.17	0.06	0.02	0.01	0.007	5.46	4.63	4.24	3.83	3.33	2.72	2.01	1.33	0.76	0.36	0.14	0.05	0.02	0.01	0.007	0	1.69
1.61	0.91	0.42	0.17	0.05	0.02	0.01	0.006	5.48	4.64	4.25	3.84	3.33	2.72	2.01	1.32	0.75	0.36	0.14	0.04	0.02	0.01	0.006	0	1.56
1.61	0.9	0.42	0.16	0.05	0.02	0.009	0.005	5.5	4.65	4.25	3.85	3.34	2.72	2.01	1.32	0.74	0.35	0.13	0.04	0.01	0.009	0.005	0	1.31
1.61	0.89	0.41	0.15	0.05	0.02	0.007	0.005	5.53	4.66	4.26	3.86	3.34	2.73	2.02	1.32	0.74	0.34	0.13	0.04	0.01	0.007	0.005	0	1.58
1.61	0.89	0.4	0.14	0.04	0.01	0.005	0.003	5.56	4.68	4.27	3.86	3.35	2.74	2.02	1.31	0.73	0.33	0.12	0.03	0.01	0.005	0.003	0	1.93
1.61	0.88	0.39	0.14	0.04	0.01	0.002	0.001	5.58	4.69	4.28	3.87	3.35	2.74	2.02	1.31	0.72	0.33	0.12	0.03	0.01	0.002	0.001	0	1.94
1.61	0.87	0.39	0.13	0.03	0.01	0.001	0.001	5.58	4.7	4.28	3.87	3.35	2.73	2.01	1.3	0.72	0.32	0.11	0.03	0.009	0.001	0.001	0	1.55
1.6	0.87	0.38	0.13	0.03	0.01	0.001	0	5.58	4.7	4.28	3.87	3.35	2.73	2	1.29	0.71	0.32	0.11	0.03	0.009	0.001	0	0	2.16
1.59	0.86	0.38	0.13	0.03	0.01	0.001	0	5.56	4.69	4.27	3.85	3.33	2.71	1.99	1.28	0.7	0.32	0.11	0.03	0.01	0.001	0	0	2.29
1.57	0.85	0.38	0.13	0.03	0.01	0.001	0	5.53	4.67	4.25	3.83	3.31	2.68	1.96	1.26	0.69	0.31	0.11	0.03	0.01	0.001	0	0	2.16
1.53	0.83	0.37	0.13	0.03	0.01	0.002	0	5.49	4.65	4.23	3.81	3.28	2.65	1.93	1.23	0.68	0.3	0.11	0.03	0.008	0.002	0	0	1.32
1.5	0.81	0.36	0.13	0.03	0.01	0.003	0.001	5.45	4.62	4.2	3.77	3.24	2.61	1.89	1.2	0.66	0.3	0.11	0.03	0.009	0.003	0.001	0	1.64
1.46	0.78	0.35	0.12	0.04	0.01	0.003	0.001	5.41	4.59	4.17	3.74	3.2	2.57	1.85	1.17	0.64	0.29	0.1	0.03	0.01	0.003	0.001	0	2.03
1.41	0.76	0.34	0.12	0.04	0.01	0.004	0.002	5.38	4.56	4.15	3.71	3.17	2.52	1.8	1.13	0.62	0.28	0.1	0.03	0.01	0.004	0.002	0	2.09
1.37	0.73	0.33	0.12	0.04	0.01	0.004	0.002	5.35	4.54	4.13	3.68	3.13	2.48	1.76	1.1	0.6	0.27	0.1	0.03	0.01	0.004	0.002	0	2.07
1.34	0.71	0.32	0.12	0.04	0.01	0.004	0.002	5.34	4.52	4.11	3.66	3.1	2.44	1.73	1.07	0.58	0.26	0.1	0.03	0.01	0.004	0.002	0	1.09
1.3	0.68	0.31	0.11	0.04	0.01	0.003	0.002	5.33	4.51	4.1	3.64	3.07	2.41	1.69	1.04	0.56	0.25	0.09	0.03	0.01	0.003	0.002	0	1.96
1.26	0.66	0.3	0.11	0.04	0.01	0.003	0.002	5.32	4.5	4.09	3.62	3.04	2.37	1.65	1.01	0.54	0.24	0.09	0.03	0.01	0.003	0.002	0	1.99
1.22	0.64	0.29	0.11	0.04	0.01	0.003	0.002	5.32	4.49	4.07	3.6	3.01	2.33	1.61	0.98	0.52	0.24	0.09	0.03	0.01	0.003	0.002	0	1.72
1.19	0.62	0.28	0.11	0.04	0.01	0.003	0.002	5.31	4.48	4.05	3.57	2.98	2.29	1.57	0.95	0.5	0.23	0.09	0.03	0.01	0.003	0.002	0	1.76
1.15	0.6	0.27	0.1	0.04	0.01	0.003	0.002	5.31	4.47	4.03	3.55	2.94	2.25	1.54	0.92	0.48	0.22	0.09	0.03	0.01	0.003	0.002	0	1.46
1.12	0.58	0.26	0.1	0.04	0.01	0.003	0.002	5.3	4.45	4.01	3.52	2.91	2.21	1.5	0.89	0.47	0.21	0.08	0.03	0.01	0.003	0.002	0	1.46
1.08	0.56	0.26	0.1	0.04	0.01	0.003	0.001	5.3	4.44	3.99	3.49	2.87	2.17	1.46	0.86	0.45	0.21	0.08	0.03	0.01	0.003	0.001	0	1.37
1.05	0.54	0.25	0.1	0.03	0.01	0.003	0.001	5.31	4.43	3.97	3.46	2.83	2.13	1.42	0.83	0.43	0.2	0.08	0.03	0.009	0.003	0.001	0	1.2
1.02	0.53	0.24	0.1	0.03	0.01	0.003	0.001	5.33	4.43	3.96	3.44	2.8	2.09	1.39	0.81	0.42	0.2	0.08	0.03	0.009	0.003	0.001	0	1.72
1	0.51	0.24	0.09	0.03	0.01	0.003	0.001	5.35	4.43	3.94	3.42	2.77	2.06	1.36	0.79	0.41	0.19	0.08	0.02	0.01	0.003	0.001	0	1.75
0.97	0.5	0.23	0.09	0.02	0.008	0.002	0	5.38	4.43	3.93	3.4	2.75	2.03	1.33	0.77	0.4	0.19	0.07	0.02	0.008	0.002	0	0	1.69
0.95	0.49	0.22	0.09	0.02	0.007	0.002	0	5.41	4.44	3.93	3.38	2.72	2	1.3	0.75	0.39	0.18	0.07	0.02	0.007	0.002	0	0	1.63
0.93	0.48	0.22	0.08	0.02	0.006	0	0	5.43	4.44	3.92	3.37	2.7	1.98	1.28	0.73	0.38	0.18	0.07	0.01	0.006	0	0	0	1.85
0.92	0.47	0.21	0.08	0.02	0.004	0	0	5.45	4.43	3.91	3.35	2.67	1.95	1.25	0.72	0.37	0.17	0.07	0.01	0.004	0	0	0	1.57
0.9	0.46	0.21	0.08	0.01	0.003	0	0	5.46	4.42	3.89	3.32	2.65	1.92	1.23	0.7	0.36	0.17	0.06	0.01	0.003	0	0	0	1.78
0.88	0.45	0.21	0.08	0.01	0.002	0	0	5.46	4.4	3.86	3.3	2.62	1.89	1.21	0.69	0.36	0.17	0.06	0.01	0.002	0	0	0	1.78
0.86	0.44	0.2	0.07	0.01	0.001	0.001	0	5.45	4.38	3.84	3.27	2.59	1.86	1.18	0.67	0.35	0.16	0.06	0.01	0.001	0.001	0	0	1.57
0.84	0.43	0.2	0.07	0.01	0.001	0	0	5.44	4.35	3.81	3.23	2.55	1.84	1.16	0.66	0.34	0.16	0.06	0.01	0.001	0	0	0	1.82
0.83	0.42	0.19	0.07	0.01	0	0	0	5.43	4.33	3.78	3.2	2.52	1.81	1.14	0.65	0.33	0.15	0.06	0.01	0	0	0	0	2.05
0.82	0.41	0.18	0.07	0.01	0	0	0	5.41	4.3	3.75	3.18	2.5	1.79	1.13	0.64	0.33	0.15	0.05	0.01	0	0	0	0	1.97
0.81	0.4	0.18	0.06	0	0	0	0	5.4	4.28	3.72	3.15	2.48	1.77	1.12	0.63	0.32	0.14	0.05	0	0	0	0	0	1.65
0.8	0.4	0.17	0.06	0.01	0	0	0	5.39	4.27	3.7	3.13	2.46	1.76	1.11	0.62	0.32	0.14	0.05	0.01	0	0	0	0	1.59
0.8	0.4	0.17	0.06	0.01	0	0	0	5.38	4.25	3.68	3.11	2.44	1.75	1.1	0.62	0.31	0.14	0.04	0.01	0	0	0	0	1.84
0.8	0.4	0.17	0.05	0.01	0.001	0	0	5.37	4.24	3.66	3.1	2.43	1.74	1.1	0.62	0.31	0.13	0.04	0.01	0.001	0	0	0	1.76
0.81	0.4	0.16	0.05	0.01	0.001	0	0	5.36	4.23	3.65	3.08	2.43	1.74	1.11	0.62	0.31	0.13	0.04	0.009	0.001	0	0	0	1.44
0.82	0.4	0.16	0.04	0.01	0.001	0	0	5.35	4.22	3.63	3.07	2.42	1.74											

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.7	0.94	0.4	0.12	0.02	0.007	0.004	0.003	5.3	4.23	3.8	3.41	2.98	2.49	1.91	1.28	0.72	0.32	0.09	0.02	0.007	0.004	0.003	0	1.62
1.68	0.92	0.39	0.11	0.02	0.007	0.003	0.003	5.31	4.25	3.81	3.42	2.99	2.49	1.9	1.27	0.71	0.31	0.09	0.02	0.007	0.003	0.003	0	2.19
1.66	0.9	0.38	0.11	0.02	0.007	0.003	0.002	5.31	4.27	3.83	3.44	3	2.5	1.89	1.26	0.7	0.3	0.09	0.01	0.007	0.003	0.002	0	2.19
1.63	0.88	0.37	0.11	0.02	0.006	0.003	0.002	5.32	4.29	3.85	3.46	3.02	2.5	1.89	1.24	0.68	0.29	0.09	0.01	0.006	0.003	0.002	0	1.75
1.61	0.86	0.35	0.1	0.02	0.005	0.003	0.002	5.32	4.32	3.87	3.48	3.03	2.5	1.87	1.23	0.67	0.28	0.08	0.01	0.005	0.003	0.002	0	1.77
1.58	0.83	0.34	0.1	0.02	0.004	0.003	0.002	5.33	4.34	3.89	3.5	3.04	2.49	1.86	1.2	0.65	0.27	0.08	0.01	0.004	0.003	0.002	0	2.12
1.54	0.8	0.32	0.09	0.02	0.004	0.002	0.001	5.34	4.36	3.91	3.51	3.04	2.48	1.84	1.18	0.63	0.26	0.07	0.01	0.004	0.002	0.001	0	2.19
1.49	0.77	0.31	0.08	0.01	0.003	0.002	0.001	5.35	4.37	3.93	3.52	3.03	2.47	1.81	1.15	0.6	0.25	0.07	0.01	0.003	0.002	0.001	0	2.21
1.44	0.73	0.29	0.08	0.01	0.003	0.002	0.001	5.36	4.38	3.93	3.52	3.02	2.44	1.77	1.11	0.58	0.23	0.06	0.01	0.003	0.002	0.001	0	1.44
1.38	0.7	0.27	0.08	0.01	0.003	0.001	0	5.37	4.39	3.94	3.51	3	2.4	1.73	1.07	0.55	0.22	0.06	0.01	0.003	0.001	0	0	2.03
1.32	0.66	0.26	0.07	0.02	0.004	0.001	0.001	5.38	4.39	3.94	3.5	2.97	2.36	1.68	1.02	0.52	0.21	0.06	0.01	0.004	0.001	0.001	0	2.03
1.26	0.62	0.24	0.07	0.02	0.006		0.002	5.38	4.39	3.93	3.48	2.94	2.32	1.63	0.98	0.49	0.2	0.06	0.01	0.006		0.002	0	1.69
1.21	0.59	0.23	0.07	0.02	0.01	0.003	0	5.39	4.4	3.93	3.46	2.91	2.27	1.57	0.94	0.47	0.19	0.06	0.01	0.01	0.003	0	0	1.6
1.15	0.56	0.22	0.07	0.02	0.01	0.005	0.002	5.4	4.4	3.91	3.44	2.87	2.22	1.52	0.9	0.44	0.18	0.06	0.02	0.01	0.005	0.002	0	1.46
1.1	0.53	0.22	0.08	0.03	0.01	0.008	0.003	5.39	4.39	3.9	3.41	2.82	2.16	1.47	0.86	0.42	0.17	0.06	0.02	0.01	0.008	0.003	0	1.58
1.05	0.51	0.21	0.08	0.03	0.02	0.01	0.005	5.38	4.38	3.87	3.37	2.77	2.11	1.42	0.82	0.4	0.17	0.06	0.02	0.01	0.008	0.005	0	1.81
1	0.48	0.2	0.08	0.03	0.02	0.01	0.006	5.37	4.37	3.85	3.33	2.72	2.05	1.36	0.78	0.38	0.16	0.06	0.03	0.01	0.009	0.006	0	1.97
0.95	0.46	0.19	0.08	0.03	0.02	0.01	0.006	5.36	4.35	3.82	3.29	2.66	1.99	1.31	0.75	0.37	0.16	0.06	0.03	0.01	0.01	0.006	0	1.44
0.91	0.44	0.19	0.08	0.03	0.02	0.01	0.006	5.35	4.33	3.79	3.24	2.61	1.94	1.27	0.71	0.35	0.15	0.06	0.03	0.01	0.01	0.006	0	1.85
0.87	0.42	0.18	0.07	0.03	0.02	0.01	0.005	5.35	4.31	3.76	3.2	2.56	1.89	1.22	0.69	0.33	0.14	0.06	0.03	0.01	0.009	0.005	0	2.06
0.83	0.4	0.17	0.07	0.03	0.02	0.01	0.004	5.35	4.29	3.73	3.16	2.51	1.84	1.18	0.66	0.32	0.14	0.06	0.02	0.01	0.008	0.004	0	1.83
0.8	0.38	0.16	0.07	0.03	0.01	0.009	0.003	5.36	4.28	3.71	3.13	2.47	1.79	1.15	0.64	0.31	0.13	0.05	0.02	0.01	0.009	0.003	0	1.64
0.77	0.37	0.16	0.06	0.02	0.01	0.008	0.002	5.37	4.28	3.69	3.1	2.43	1.76	1.12	0.62	0.3	0.13	0.05	0.02	0.01	0.008	0.002	0	1.99
0.75	0.36	0.15	0.06	0.02	0.01	0.007	0.002	5.38	4.28	3.68	3.08	2.4	1.72	1.09	0.6	0.29	0.12	0.05	0.02	0.01	0.007	0.002	0	2.03
0.73	0.35	0.15	0.06	0.02	0.01	0.008	0.002	5.4	4.29	3.68	3.06	2.38	1.7	1.07	0.59	0.28	0.12	0.05	0.02	0.01	0.008	0.002	0	1.53
0.72	0.34	0.15	0.06	0.02	0.01	0.008	0.001	5.43	4.3	3.69	3.06	2.37	1.68	1.06	0.58	0.28	0.12	0.05	0.02	0.01	0.008	0.001	0	1.64
0.71	0.34	0.15	0.06	0.02	0.01	0.009	0.001	5.45	4.33	3.7	3.07	2.37	1.68	1.05	0.58	0.28	0.12	0.05	0.02	0.01	0.009	0.001	0	1.83
0.71	0.34	0.15	0.06	0.02	0.01	0.009	0.001	5.48	4.36	3.73	3.09	2.38	1.68	1.05	0.57	0.28	0.12	0.05	0.02	0.01	0.009	0.001	0	1.45
0.71	0.34	0.15	0.06	0.02	0.01	0.009	0.001	5.51	4.4	3.77	3.12	2.4	1.69	1.05	0.57	0.28	0.12	0.05	0.02	0.01	0.009	0.001	0	1.5
0.71	0.34	0.14	0.06	0.02	0.01	0.007	0.001	5.55	4.45	3.82	3.17	2.43	1.7	1.06	0.58	0.28	0.12	0.05	0.02	0.009	0.007	0.001	0	1.52
0.71	0.33	0.14	0.05	0.02	0.008	0.006	0	5.59	4.5	3.87	3.21	2.47	1.73	1.07	0.58	0.28	0.12	0.04	0.01	0.008	0.006	0	0	1.89
0.71	0.33	0.13	0.04	0.01	0.005		0	5.64	4.55	3.93	3.27	2.51	1.75	1.08	0.58	0.27	0.11	0.04	0.01	0.005		0	0	2.22
0.71	0.33	0.13	0.04	0.01	0.002		0.001	5.68	4.61	3.99	3.32	2.55	1.78	1.09	0.59	0.27	0.11	0.03	0.01	0.002		0.001	0	1.89
0.71	0.33	0.12	0.03	0.008	0		0.001	5.72	4.66	4.04	3.37	2.59	1.8	1.1	0.59	0.27	0.1	0.03	0.008	0		0.001	0	1.52
0.72	0.33	0.12	0.03		0.001	0.001	0	5.75	4.7	4.08	3.4	2.62	1.83	1.11	0.59	0.27	0.1	0.03		0.001	0.001	0	0	2.01
0.72	0.32	0.12	0.03		0.001	0.001	0.001	5.78	4.73	4.11	3.43	2.64	1.84	1.12	0.59	0.27	0.1	0.02		0.001	0.001	0.001	127.2	2.06
0.72	0.32	0.12	0.03		0.002	0.001	0.001	5.8	4.76	4.13	3.45	2.66	1.85	1.12	0.59	0.27	0.1	0.02		0.002	0.001	0.001	0	1.54
0.71	0.32	0.12	0.03		0.002	0.002	0	5.81	4.77	4.13	3.45	2.66	1.85	1.12	0.59	0.27	0.1	0.02		0.002	0.002	0	0	1.84
0.71	0.32	0.12	0.03		0.002		0.001	5.81	4.77	4.13	3.45	2.65	1.84	1.12	0.59	0.27	0.1	0.03		0.002		0.001	0	1.75
0.7	0.32	0.12	0.03		0.001		0.002	5.81	4.77	4.13	3.44	2.64	1.83	1.11	0.58	0.27	0.1	0.03		0.001		0.002	0	1.38
0.69	0.32	0.12	0.04	0.01	0.001		0.002	5.8	4.76	4.12	3.43	2.63	1.82	1.1	0.58	0.27	0.1	0.03	0.01	0.001		0.002	0	2
0.69	0.32	0.13	0.04	0.01	0.003		0.002	5.8	4.76	4.11	3.41	2.62	1.8	1.09	0.57	0.27	0.11	0.03	0.01	0.003		0.002	0	1.72
0.68	0.32	0.13	0.04	0.01	0.005		0.002	5.79	4.75	4.11	3.41	2.61	1.79	1.08	0.57	0.27	0.11	0.04	0.01	0.005		0.002	0	1.54
0.67	0.32	0.13	0.05	0.01	0.007		0.001	5.79	4.75	4.11	3.4	2.6	1.78	1.07	0.57	0.27	0.11	0.04	0.01	0.007		0.001	0	1.73
0.67	0.32	0.13	0.05	0.01	0.009		0.001	5.79	4.76	4.12	3.41	2.6	1.78	1.07	0.56	0.27	0.11	0.04	0.01	0.009		0.001	0	2.13
0.67	0.32	0.13	0.05	0.01	0.009		0.001	5.79	4.77	4.13	3.42	2.61	1.79	1.07	0.56	0.27	0.11	0.04	0.01	0.009		0.001	219.2	2.22
0.68	0.32	0.13	0.04	0.01	0.009		0.001	5.79	4.77	4.14	3.44	2.63	1.8	1.08	0.57	0.27	0.11	0.04	0.01	0.009		0.001	0	1.41
0.69	0.32	0.13	0.04	0.01	0.008		0.001	5.79	4.79	4.16	3.46	2.66	1.83	1.09	0.58	0.27	0.11	0.03	0.01	0.008		0.001	0	1.86
0.7	0.33	0.13	0.04	0.01	0.007		0.001	5.79	4.8	4.17	3.49	2.69	1.86	1.12	0.59	0.28	0.11	0.03	0.01	0.007		0.001	0	2.15
0.72	0.34	0.13	0.04	0.01	0.005		0.001	5.78	4.8	4.19	3.52	2.72	1.89	1.14	0.6	0.28	0.11	0.03	0.009	0.005		0.001	0	1.3
0.75	0.34	0.13	0.04	0.01	0.004		0.001	5.76	4.81	4.2	3.55	2.76	1.93	1.17	0.62	0.29	0.11	0.03	0.008	0.004		0.001	0	1.52
0.77	0.36	0.14	0.04	0.009			0.001	5.74	4.81	4.21	3.58	2.8	1.97	1.21	0.64	0.3	0.11	0.03	0.009		0.001	0	0	1.3
0.8	0.37	0.14	0.04	0.01			0	5.72	4.8	4.22	3.61	2.84	2.02	1.24	0.67	0.31	0.12	0.03	0.008		0	0	0	1.3
0.84	0.39	0.15	0.04	0.01		0.001	0	5.7	4.8	4.23	3.63	2.89	2.06	1.28	0.69	0.32	0.12	0.03	0.009		0.001	0	0	1.83
0.88	0.41	0.16	0.05	0.01		0	0.001	5.69	4.8	4.25	3.66	2												

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.49	0.84	0.4	0.15	0.04	0.01		0.002	5.68	4.71	4.24	3.78	3.24	2.61	1.9	1.23	0.7	0.33	0.12	0.03	0.008		0.002	0	1.32
1.49	0.84	0.4	0.15	0.04	0.01		0.002	5.65	4.69	4.23	3.77	3.24	2.61	1.9	1.23	0.7	0.34	0.13	0.03	0.009		0.002	0	2.1
1.49	0.84	0.41	0.16	0.04	0.01		0.001	5.61	4.67	4.21	3.77	3.24	2.61	1.91	1.24	0.71	0.34	0.13	0.04	0.01		0.001	0	2.31
1.49	0.85	0.41	0.16	0.05	0.01		0	5.57	4.65	4.2	3.76	3.24	2.61	1.92	1.25	0.71	0.34	0.13	0.04	0.01		0	0	2.29
1.5	0.85	0.41	0.16	0.05	0.01		0	5.55	4.63	4.19	3.75	3.24	2.62	1.93	1.25	0.71	0.35	0.14	0.04	0.01		0	0	1.63
1.5	0.85	0.41	0.16	0.05	0.01		0	5.53	4.62	4.18	3.75	3.24	2.63	1.94	1.26	0.72	0.35	0.13	0.04	0.01		0	0	1.81
1.51	0.86	0.41	0.16	0.04	0.01		0	5.52	4.61	4.18	3.75	3.25	2.64	1.95	1.27	0.72	0.35	0.13	0.04	0.01		0	0	1.9
1.52	0.86	0.4	0.15	0.04	0.01		0	5.51	4.6	4.17	3.75	3.25	2.65	1.96	1.28	0.73	0.34	0.13	0.04	0.01		0	0	1.49
1.53	0.86	0.4	0.15	0.04	0.01		0	5.5	4.59	4.16	3.74	3.25	2.66	1.97	1.29	0.73	0.34	0.13	0.03	0.01		0	0	1.33
1.53	0.86	0.4	0.15	0.04	0.01		0.001	5.49	4.57	4.14	3.73	3.25	2.66	1.97	1.29	0.73	0.34	0.12	0.03	0.01		0.001	0	1.1
1.53	0.86	0.4	0.14	0.04	0.01		0.001	5.47	4.56	4.12	3.72	3.23	2.65	1.97	1.29	0.73	0.34	0.12	0.03	0.01		0.001	0	1.7
1.53	0.86	0.4	0.14	0.04	0.01		0.002	5.45	4.54	4.1	3.7	3.22	2.64	1.96	1.29	0.73	0.34	0.12	0.03	0.009		0.002	0	1.04
1.52	0.85	0.39	0.14	0.03	0.009		0.002	5.44	4.52	4.07	3.68	3.2	2.62	1.95	1.28	0.72	0.33	0.12	0.03	0.009		0.002	0	1.48
1.5	0.84	0.39	0.13	0.03	0.008		0.002	5.42	4.5	4.05	3.66	3.18	2.6	1.93	1.27	0.71	0.33	0.11	0.03	0.008		0.002	0	1.66
1.49	0.83	0.38	0.13	0.03	0.007		0.001	5.41	4.49	4.03	3.64	3.15	2.58	1.92	1.25	0.7	0.32	0.11	0.02	0.007		0.001	0	1.38
1.47	0.82	0.37	0.13	0.03	0.006		0.001	5.41	4.47	4.01	3.62	3.13	2.56	1.9	1.23	0.69	0.32	0.11	0.02	0.006		0.001	0	1.72
1.45	0.8	0.36	0.12	0.03	0.004		0	5.4	4.46	3.99	3.6	3.11	2.54	1.87	1.22	0.68	0.31	0.1	0.02	0.004		0	0	1.6
1.43	0.79	0.35	0.12	0.02	0.003		0	5.4	4.45	3.98	3.58	3.09	2.52	1.86	1.2	0.67	0.3	0.1	0.02	0.003		0	0	1.38
1.41	0.78	0.34	0.11	0.02	0.002	0.002	0	5.4	4.44	3.97	3.56	3.08	2.5	1.84	1.18	0.65	0.29	0.1	0.02	0.002	0.002	0	0	1.45
1.4	0.76	0.33	0.11	0.02	0.002		0	5.4	4.44	3.96	3.55	3.06	2.48	1.82	1.17	0.64	0.28	0.09	0.02	0.002		0	0	1.5
1.38	0.75	0.33	0.11	0.02	0.002		0.001	5.4	4.43	3.95	3.54	3.05	2.47	1.8	1.15	0.63	0.28	0.09	0.02	0.002		0.001	0	1.41
1.37	0.74	0.32	0.1	0.02	0.003		0.002	5.4	4.43	3.94	3.53	3.03	2.45	1.79	1.14	0.62	0.27	0.09	0.02	0.003		0.002	0	1.38
1.36	0.73	0.32	0.1	0.02	0.003		0.002	5.41	4.43	3.94	3.52	3.03	2.44	1.78	1.13	0.61	0.27	0.08	0.02	0.003		0.002	0	1.46
1.35	0.73	0.31	0.1	0.02	0.003		0.001	5.43	4.44	3.94	3.52	3.03	2.44	1.77	1.12	0.61	0.26	0.08	0.01	0.003		0.001	103.5	1.52
1.35	0.72	0.31	0.09	0.02	0.003		0.001	5.46	4.46	3.96	3.53	3.03	2.44	1.77	1.12	0.6	0.26	0.08	0.01	0.003		0.001	0	1.97
1.35	0.72	0.3	0.09	0.01	0.003	0.003	0	5.5	4.48	3.98	3.55	3.04	2.45	1.77	1.12	0.6	0.25	0.07	0.01	0.003	0.003	0	0	2.26
1.34	0.71	0.3	0.08	0.01	0.003	0.002	0.001	5.55	4.51	4.01	3.57	3.06	2.46	1.77	1.11	0.59	0.25	0.07	0.01	0.003	0.002	0.001	0	2.29
1.34	0.7	0.29	0.08	0.01	0.003	0.002	0.002	5.61	4.55	4.04	3.6	3.08	2.47	1.78	1.11	0.59	0.24	0.06	0.01	0.003	0.002	0.002	0	1.59
1.34	0.7	0.28	0.07	0.01	0.003	0.002	0.002	5.67	4.58	4.07	3.62	3.09	2.48	1.78	1.11	0.58	0.23	0.06	0.009	0.003	0.002	0.002	0	1.66
1.33	0.69	0.27	0.07	0.009	0.003	0.002	0.003	5.73	4.61	4.1	3.64	3.11	2.48	1.78	1.1	0.57	0.23	0.06	0.009	0.003	0.002	0.003	0	2.42
1.32	0.67	0.26	0.06	0.008	0.003	0.002	0.003	5.77	4.63	4.11	3.65	3.11	2.48	1.77	1.09	0.56	0.22	0.05	0.008	0.003	0.002	0.003	0	2.36
1.29	0.65	0.25	0.06	0.008	0.004	0.002	0.002	5.79	4.64	4.12	3.66	3.11	2.47	1.75	1.07	0.54	0.21	0.05	0.008	0.004	0.002	0.002	0	2.18
1.26	0.63	0.24	0.06	0.008	0.005	0.002	0.001	5.8	4.64	4.12	3.65	3.1	2.45	1.73	1.04	0.53	0.2	0.05	0.008	0.005	0.002	0.001	0	1.59
1.23	0.61	0.22	0.05	0.009	0.006		0.001	5.79	4.64	4.11	3.64	3.08	2.42	1.69	1.02	0.51	0.19	0.04	0.009	0.006		0.001	0	2.13
1.19	0.58	0.21	0.05	0.009	0.006		0.002	5.78	4.64	4.11	3.63	3.06	2.4	1.66	0.99	0.49	0.18	0.04	0.009	0.006		0.002	0	2.34
1.16	0.56	0.2	0.04	0.009	0.006		0.003	5.77	4.64	4.11	3.62	3.05	2.37	1.63	0.96	0.47	0.17	0.04	0.009	0.006		0.003	0	2.4
1.13	0.54	0.19	0.04	0.009	0.006		0.004	5.77	4.65	4.11	3.62	3.04	2.35	1.61	0.94	0.45	0.16	0.03	0.009	0.006		0.004	0	2.04
1.1	0.51	0.18	0.04	0.009	0.005		0.004	5.76	4.65	4.12	3.62	3.03	2.34	1.58	0.91	0.43	0.15	0.03	0.009	0.005		0.004	0	1.88
1.07	0.49	0.17	0.03	0.008	0.004		0.004	5.76	4.67	4.12	3.62	3.02	2.32	1.56	0.89	0.41	0.14	0.03	0.008	0.004		0.004	0	2.3
1.04	0.47	0.16	0.03	0.007	0.004		0.003	5.75	4.67	4.13	3.62	3.02	2.31	1.54	0.86	0.39	0.13	0.02	0.007	0.004		0.003	0	2.39
1.01	0.45	0.14	0.02	0.005	0.003		0.003	5.74	4.67	4.13	3.63	3.01	2.29	1.52	0.84	0.38	0.12	0.02	0.005	0.003		0.003	0	2.17
0.99	0.43	0.13	0.02	0.003	0.003		0.002	5.73	4.66	4.14	3.63	3.01	2.28	1.5	0.82	0.36	0.11	0.02	0.003	0.003		0.002	0	1.46
0.97	0.41	0.13	0.02	0.002	0.003		0.001	5.72	4.66	4.14	3.63	3	2.27	1.48	0.81	0.35	0.1	0.01	0.002	0.003		0.001	0	2.12
0.95	0.4	0.12	0.02	0.001	0.003		0.001	5.71	4.65	4.15	3.63	3	2.26	1.47	0.79	0.33	0.1	0.01	0.001	0.003		0.001	0	2.26
0.93	0.39	0.11	0.01	0	0.003	0.004	0	5.7	4.65	4.15	3.63	2.99	2.25	1.46	0.77	0.32	0.09	0.01	0	0.003	0.004	0	0	2.01
0.92	0.37	0.1		0	0.003	0.004	0.001	5.69	4.65	4.16	3.63	3	2.25	1.45	0.76	0.31	0.09	0.01	0	0.003	0.004	0.001	0	1.52
0.91	0.36	0.1		0.001	0.004	0.004	0.002	5.7	4.66	4.17	3.64	3	2.25	1.44	0.75	0.3	0.08		0.001	0.004	0.004	0.002	0	1.94
0.9	0.35	0.09		0.001	0.004	0.005	0.004	5.72	4.68	4.19	3.65	3.01	2.25	1.43	0.74	0.29	0.07		0.001	0.004	0.005	0.004	0	1.37
0.89	0.34	0.08		0.002	0.004	0.006	0.005	5.73	4.69	4.2	3.66	3.01	2.24	1.43	0.73	0.29	0.07		0.002	0.004	0.006	0.005	0	1.47
0.88	0.34	0.08		0.002	0.004	0.007	0.007	5.75	4.71	4.21	3.67	3.01	2.24	1.41	0.72	0.28	0.07		0.002	0.004	0.007	0.007	0	1.38
0.86	0.32	0.07		0.002	0.004	0.008	0.009	5.77	4.72	4.21	3.66	3	2.22	1.39	0.71	0.27	0.06		0.002	0.004	0.008	0.009	0	1.36
0.83	0.31	0.07		0.002	0.004	0.009	0.01	5.77	4.72	4.19	3.64	2.98	2.19	1.37	0.69	0.26	0.06		0.002	0.004	0.009	0.008	0	1.98
0.8	0.3	0.06		0.002	0.003	0.009	0.01	5.75	4.69	4.16	3.61	2.94	2.15	1.33	0.66	0.25	0.05		0.002	0.003	0.009	0.008	0	2.36
0.77	0.28			0.002	0.004	0.008	0.009	5.73	4.66	4.12	3.57	2.89	2.1	1.29	0.63	0.23			0.002	0.004	0.008	0.009	0	2.29
0.73	0.26			0.001	0.004	0.007	0.008	5.7	4.63	4.08	3.52	2.83	2.05	1.24	0.6	0.21			0.001	0.004	0.007	0.008	0	1.63
0.69	0.24			0	0.004	0.006	0.006	5.68</																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.34	0.08		0.002	0.003	0.004	0.006	0.004	5.71	4.5	3.82	3.09	2.24	1.4	0.7	0.26	0.07		0.002	0.003	0.004	0.006	0.004	0	1.38
0.34	0.09		0.003	0.002	0.004	0.006	0.005	5.73	4.52	3.84	3.1	2.25	1.41	0.71	0.27	0.07		0.003	0.002	0.004	0.006	0.005	0	1.69
0.34	0.09		0.004	0.001	0.003	0.005	0.006	5.75	4.53	3.85	3.11	2.26	1.41	0.71	0.27	0.07		0.004	0.001	0.003	0.005	0.006	0	1.39
0.34	0.09			0	0.003	0.005	0.006	5.76	4.54	3.85	3.11	2.25	1.41	0.7	0.26	0.07			0	0.003	0.005	0.006	0	1.67
0.33	0.08			0.001	0.002	0.004	0.006	5.77	4.55	3.84	3.09	2.24	1.39	0.69	0.26	0.07			0.001	0.002	0.004	0.006	0	1.58
0.33	0.08			0.002	0.002	0.003	0.005	5.78	4.54	3.83	3.07	2.21	1.37	0.68	0.26	0.06			0.002	0.002	0.003	0.005	0	1.6
0.32	0.08			0.002	0.002	0.003	0.005	5.8	4.54	3.81	3.04	2.18	1.34	0.67	0.25	0.06			0.002	0.002	0.003	0.005	0	1.32
0.31	0.08			0.003	0.003	0.002	0.004	5.81	4.52	3.78	3	2.13	1.31	0.65	0.24	0.06			0.003	0.003	0.002	0.004	0	1.55
0.3	0.08			0.004	0.003	0.002	0.004	5.82	4.5	3.74	2.95	2.08	1.27	0.62	0.24	0.06			0.004	0.003	0.002	0.004	0	1.85
0.29	0.08			0.004	0.003	0.001	0.003	5.82	4.47	3.69	2.9	2.03	1.22	0.6	0.23	0.06			0.004	0.003	0.001	0.003	0	1.7
0.28	0.08	0.01		0.005	0.003	0.001	0.002	5.81	4.43	3.64	2.84	1.97	1.18	0.57	0.22	0.06	0.01		0.005	0.003	0.001	0.002	0	1.67
0.27	0.08	0.01		0.005	0.002	0.001	0.002	5.8	4.39	3.58	2.77	1.9	1.13	0.55	0.21	0.06	0.01		0.005	0.002	0.001	0.002	0	1.41
0.26	0.08	0.01		0.005	0.002	0.001	0	5.77	4.34	3.52	2.7	1.83	1.08	0.52	0.2	0.06	0.01		0.005	0.002	0.001	0	0	1.48
0.25	0.08	0.02		0.004	0.002		0.001	5.74	4.28	3.45	2.63	1.76	1.03	0.49	0.19	0.06	0.01		0.004	0.002		0.001	0	1.99
0.24	0.08	0.02		0.002	0.003		0.001	5.71	4.23	3.39	2.56	1.7	0.98	0.47	0.18	0.06	0.01		0.002	0.003		0.001	0	1.92
0.23	0.08	0.02	0.009	0.001	0.003		0.001	5.67	4.18	3.33	2.49	1.64	0.94	0.44	0.18	0.06	0.02	0.009	0.001	0.003		0.001	0	1.14
0.21	0.08	0.02	0.01	0.004	0.005		0.001	5.65	4.14	3.28	2.44	1.59	0.9	0.42	0.17	0.06	0.02	0.008	0.004	0.005		0.001	0	1.12
0.2	0.07	0.02	0.01	0.006	0.005		0.001	5.64	4.11	3.24	2.4	1.56	0.87	0.4	0.16	0.06	0.02	0.009	0.006	0.005		0.001	0	1.78
0.19	0.07	0.02	0.01	0.007	0.005		0.001	5.65	4.1	3.22	2.37	1.53	0.85	0.39	0.15	0.05	0.02	0.009	0.007	0.005		0.001	0	2.06
0.18	0.06	0.02	0.01	0.006	0.004		0.001	5.67	4.1	3.22	2.36	1.51	0.83	0.37	0.14	0.05	0.01	0.008	0.006	0.004		0.001	0	2.22
0.17	0.06	0.01	0.007	0.003	0.002		0.001	5.7	4.12	3.22	2.35	1.5	0.82	0.36	0.13	0.04	0.01	0.007	0.003	0.002		0.001	0	2.13
0.16	0.05	0.01	0.004	0	0		0	5.74	4.14	3.23	2.35	1.5	0.8	0.35	0.12	0.04	0.01	0.004	0	0		0	0	1.82
0.15	0.04	0.01			0.001	0.001	0	5.77	4.15	3.24	2.35	1.49	0.79	0.34	0.12	0.03	0.008		0.001	0.001		0	0	1.7
0.14	0.04				0.001	0.001	0.002	5.79	4.15	3.23	2.34	1.47	0.77	0.32	0.11	0.03			0.001	0.001	0.002		0	2.29
0.13	0.04				0.001	0.002	0.003	5.78	4.13	3.21	2.31	1.43	0.74	0.31	0.1	0.03			0.001	0.002	0.003		0	2.28
0.12	0.03				0.001	0.002	0.005	5.75	4.09	3.16	2.25	1.39	0.71	0.29	0.09	0.02			0.001	0.002	0.005		0	2.08
0.11	0.03				0.001	0.002	0.005	5.7	4.02	3.08	2.18	1.32	0.67	0.27	0.08	0.02			0.001	0.002	0.005		0	1.44
0.09	0.02			0.004	0.001	0.002	0.004	5.63	3.94	2.99	2.09	1.25	0.62	0.24	0.07	0.02			0.004	0.001	0.002	0.004	0	1.68
0.08	0.02			0.003	0.002	0.001	0.004	5.56	3.84	2.88	2	1.17	0.57	0.22	0.06	0.01			0.003	0.002	0.001	0.004	201	2
0.07				0.001	0.003	0.001	0.003	5.5	3.75	2.78	1.9	1.1	0.52	0.2	0.06				0.001	0.003	0.001	0.003	0	2.27
0.06			0.007	0	0.004	0.001	0.003	5.44	3.66	2.67	1.8	1.03	0.48	0.18	0.05			0.007	0	0.004	0.001	0.003	0	2.04
0.05			0.007	0.002	0.005	0	0.002	5.39	3.58	2.59	1.72	0.96	0.45	0.16	0.04			0.007	0.002	0.005	0	0.002	62.4	1.29
0.04			0.006	0.002	0.005	0	0.001	5.37	3.53	2.52	1.66	0.92	0.42	0.15	0.03	0.03		0.006	0.002	0.005	0	0.001	0	2
0.04			0.005	0.002	0.005	0	0.001	5.35	3.5	2.48	1.61	0.88	0.4	0.13	0.03			0.005	0.002	0.005	0	0.001	0	2.06
0.03			0.003	0.003		0	0	5.35	3.48	2.46	1.59	0.86	0.38	0.13	0.03			0.003	0.003		0	0	0	2.1
0.03			0.001	0.002			0	5.36	3.49	2.46	1.58	0.85	0.38	0.12	0.02			0.001	0.002		0	0	0	1.95
0.03	0.003	0.001	0	0.002			0	5.37	3.51	2.49	1.6	0.86	0.37	0.11	0.02	0.003	0.001	0	0.002		0	0	0	1.64
0.02	0.001	0.001	0.001	0.002			0.001	5.4	3.56	2.53	1.63	0.88	0.38	0.11	0.02	0.001	0.001	0.001	0.002			0.001	0	1.21
		0	0.002	0.002			0.001	5.44	3.63	2.6	1.69	0.91	0.39	0.11	0.11		0	0.002	0.002			0.001	0	1.84
		0.001	0.003	0.002	0		0.001	5.49	3.71	2.69	1.76	0.95	0.4	0.11			0.001	0.003	0.002	0		0.001	0	2.17
		0.002	0.003	0.003	0		0.001	5.55	3.81	2.78	1.83	1	0.42	0.11			0.002	0.003	0.003	0		0.001	0	2.3
		0.003	0.004	0.004	0.001		0.001	5.61	3.9	2.87	1.91	1.04	0.43	0.11			0.003	0.004	0.004	0.001		0.001	73.1	2.21
		0.003	0.005	0.005	0.001		0.001	5.66	3.97	2.94	1.97	1.08	0.45	0.11			0.003	0.005	0.005	0.001		0.001	0	1.21
		0.003	0.005	0.006	0.002		0.001	5.68	4.02	2.99	2.01	1.11	0.46	0.11			0.003	0.005	0.006	0.002		0.001	61.1	2.2
		0.003	0.005	0.006	0.003		0.001	5.68	4.04	3.01	2.03	1.11	0.46	0.11			0.003	0.005	0.006	0.003		0.001	0	2.39
		0.002	0.004	0.005	0.003		0.001	5.65	4.02	2.99	2.01	1.1	0.45	0.11			0.002	0.004	0.005	0.003		0.001	0	2.41
		0.001	0.004	0.003	0.004		0.001	5.6	3.97	2.94	1.98	1.07	0.44	0.1			0.001	0.004	0.003	0.004		0.001	0	2.15
	0.003	0.002	0.004	0.001	0.005		0.001	5.52	3.91	2.88	1.92	1.04	0.42	0.1		0.003	0.002	0.004	0.001	0.005		0.001	0	1.68
0.01	0	0.005		0.001	0.005		0.001	5.45	3.84	2.81	1.86	0.99	0.39	0.1	0.009	0	0.005		0.001	0.005		0.001	0	1.95
0.01	0.004	0.008		0.004	0.005		0	5.41	3.79	2.75	1.81	0.95	0.38	0.09	0.01	0.004	0.008		0.004	0.005		0	0	2.43
0.01	0.008	0.01		0.005	0.006		0	5.4	3.76	2.72	1.78	0.92	0.36	0.09	0.01	0.008	0.009		0.005	0.006		0	0	2.56
0.02	0.01	0.01		0.006	0.006	0.002	0	5.43	3.77	2.72	1.77	0.91	0.36	0.09	0.01	0.009	0.01		0.006	0.006	0.002	0	272.6	2.45
0.02	0.01	0.01		0.007	0.005	0.002	0	5.5	3.81	2.76	1.78	0.91	0.36	0.1	0.02	0.01	0.01		0.007	0.005	0.002	0	236.7	2.11
0.02	0.01	0.01		0.008	0.005	0.002	0.001	5.6	3.89	2.82	1.82	0.93	0.36	0.1	0.02	0.01	0.008		0.008	0.005	0.002	0.001	0	1.87
0.02	0.01	0.006		0.008	0.003	0.002	0.001	5.71	3.98	2.89	1.86	0.95	0.37	0.1	0.02	0.008	0.006		0.008	0.003	0.002	0.001	0	2.2
0.03	0.009	0.003		0.007	0.002	0.001	0.001	5.82	4.07	2.97	1.92	0.99	0.39	0.11	0.02	0.009	0.003		0.007	0.002	0.001	0.001	0	2.34
0.03				0.005	0.002	0.001	0.001	5.91	4.15	3.05	1.97	1.02	0.4	0.12	0.02				0.005	0.002	0.001	0.001	0	2.39
0.03				0.004	0.001	0.001	0.001	5.99	4.23	3.11	2.02	1.04	0.42	0.1										

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.02	0.006	0.001			0.003	0.001	0.001	4.59	2.51	1.56	0.89	0.43	0.18	0.07	0.02	0.006	0.001			0.003	0.001	0.001	0	2.38	
0.01	0.003	0.001			0.001	0	0.001	4.47	2.38	1.45	0.81	0.38	0.15	0.05	0.01	0.003	0.001			0.001	0	0.001	0	2.25	
0.01		0.001		0.003		0	0.001	4.37	2.26	1.36	0.74	0.33	0.12	0.04	0.01		0.001		0.003		0	0.001	0	1.59	
		0.001		0.002		0.001	0.001	4.3	2.17	1.29	0.68	0.3	0.1	0.03			0.001		0.002		0.001	0.001	0	2.14	
		0.002		0.002		0.002	0.001	4.26	2.1	1.23	0.64	0.27	0.08	0.02			0.002		0.002		0.002	0.001	0	2.24	
		0.002		0.001		0.002	0.001	4.25	2.07	1.21	0.61	0.25	0.07				0.002		0.001		0.002	0.001	0	2.05	
		0.002		0.001		0.003	0.001	4.27	2.07	1.21	0.6	0.23	0.06				0.002		0.001		0.003	0.001	0	1.76	
		0.002		0		0.003	0.001	4.32	2.11	1.23	0.6	0.23					0.002		0		0.003	0.001	353.4	1.65	
		0.002	0.004	0		0.003	0.001	4.4	2.18	1.29	0.64	0.24					0.002	0.004	0		0.003	0.001	0	1.83	
		0.001	0.005	0		0.003	0.001	4.5	2.3	1.38	0.69	0.26					0.001		0.005		0.003	0.001	0	1.88	
		0	0.006	0.001		0.003	0.001	4.63	2.45	1.49	0.76	0.29					0	0.006	0.001		0.003	0.001	0	1.68	
	0.01	0	0.008	0.001		0.003	0.001	4.79	2.63	1.64	0.86	0.34				0.01	0	0.008	0.001		0.003	0.001	0	1.58	
	0.01	0.001	0.009	0.001		0.003	0.001	4.95	2.83	1.8	0.97	0.39					0.01	0.001	0.009	0.001		0.003	0.001	0	1.81
	0.01	0.002	0.01	0.001		0.003	0.001	5.12	3.04	1.98	1.1	0.45					0.01	0.002	0.01	0.001		0.003	0.001	0	1.98
	0.01	0.002	0.01	0.001		0.003	0.001	5.28	3.26	2.16	1.23	0.52	0.13				0.01	0.002	0.009	0.001		0.003	0.001	0	1.83
	0.009	0.002	0.01	0.001		0.003	0.001	5.44	3.48	2.35	1.36	0.59	0.15				0.009	0.002	0.009	0.001		0.003	0.001	241.9	1.5
	0.008	0.002	0.01	0.001		0.003	0.001	5.59	3.68	2.53	1.49	0.66	0.18				0.008	0.002	0.009	0.001		0.003	0.001	0	1.7
	0.008	0.002	0.01	0.001		0.003	0.001	5.73	3.86	2.69	1.62	0.73	0.21				0.008	0.002	0.01	0.001		0.003	0.001	0	2.31
	0.008	0.001	0.008	0.001		0.002	0.001	5.85	4.01	2.83	1.72	0.79	0.24				0.008	0.001	0.008	0.001		0.002	0.001	0	2.4
	0.007	0	0.006	0		0.002	0.001	5.94	4.13	2.95	1.82	0.85	0.26				0.007	0	0.006	0		0.002	0.001	0	2.03
		0.001		0		0.002	0.001	6.01	4.21	3.02	1.88	0.9	0.29					0.001		0		0.002	0.001	0	1.89
		0.001		0		0.002	0.001	6.04	4.26	3.07	1.93	0.93	0.31					0.001		0		0.002	0.001	0	2.31
				0.001		0.002	0.001	6.04	4.27	3.08	1.95	0.95	0.33	0.06						0.001		0.002	0.001	0	2.42
				0.001		0.002	0.001	6.02	4.25	3.06	1.94	0.96	0.35	0.07						0.001		0.002	0.001	0	2.18
				0.002		0.002	0.001	5.97	4.21	3.02	1.93	0.97	0.36	0.08						0.002		0.002	0.001	0	1.57
				0.002		0.001	0.001	5.91	4.16	2.98	1.91	0.97	0.37	0.09						0.002		0.001	0.001	0	2.16
0.02				0.003		0.001	0.001	5.86	4.11	2.93	1.88	0.96	0.38	0.1	0.01					0.003		0.001	0.001	0	2.34
0.02				0.004		0.001	0.001	5.82	4.06	2.89	1.86	0.96	0.39	0.11	0.02					0.004		0.001	0.001	0	2.41
0.03				0.005		0.002	0.001	5.78	4.02	2.85	1.84	0.96	0.4	0.12	0.02					0.005		0.002	0.001	0	2.19
0.03				0.005		0.002	0.001	5.76	3.97	2.82	1.82	0.96	0.41	0.13	0.02					0.005		0.002	0.001	73.1	1.88
0.03				0.006		0.002	0.001	5.73	3.92	2.78	1.8	0.95	0.42	0.14	0.03					0.006		0.002	0.001	0	2.34
0.04		0.003		0.006		0.002	0.001	5.7	3.87	2.75	1.77	0.95	0.43	0.15	0.03		0.003			0.006		0.002	0.001	0	2.39
0.04		0.003		0.005		0.002	0.001	5.66	3.81	2.7	1.75	0.94	0.43	0.16	0.04		0.003			0.005		0.002	0.001	0	2.24
0.05		0.002		0.004		0.002	0.001	5.6	3.73	2.65	1.71	0.93	0.43	0.16	0.04		0.002			0.004		0.002	0.001	0	1.75
0.05		0.001		0.003		0.002	0.001	5.54	3.65	2.58	1.66	0.91	0.43	0.16	0.04		0.001			0.003		0.002	0.001	0	2.02
0.05	0.01	0.001		0.001		0.002	0	5.47	3.56	2.5	1.61	0.89	0.43	0.16	0.04	0.009	0.001			0.001		0.002	0	0	2.38
0.06	0.01	0.004	0.006	0.001		0	0.001	5.39	3.46	2.42	1.56	0.86	0.42	0.16	0.05	0.01	0.004	0.006	0.001		0	0.001	0	2.24	
0.06	0.01	0.006	0.008	0.004	0.003	0.001	0.001	5.32	3.36	2.33	1.5	0.83	0.4	0.16	0.05	0.01	0.006	0.008	0.004	0.003	0.001	0.001	0	1.6	
0.06	0.01	0.008	0.009	0.006	0.003	0.002	0.001	5.25	3.26	2.24	1.43	0.79	0.39	0.15	0.05	0.01	0.008	0.009	0.006	0.003	0.002	0.001	0	1.42	
0.05	0.01	0.009	0.01	0.007	0.004	0.002	0.001	5.17	3.15	2.15	1.36	0.75	0.37	0.15	0.05	0.01	0.009	0.01	0.007	0.004	0.002	0.001	0	2.39	
0.05	0.01	0.01	0.009	0.008	0.004	0.002	0.001	5.09	3.04	2.05	1.29	0.71	0.34	0.14	0.04	0.01	0.01	0.009	0.008	0.004	0.002	0.001	0	2.21	
0.05	0.01	0.009	0.008	0.007	0.003	0.002	0.001	5	2.92	1.94	1.21	0.66	0.32	0.13	0.04	0.01	0.009	0.008	0.007	0.003	0.002	0.001	0	1.82	
0.04	0.01	0.008	0.007	0.006	0.003	0.002	0.001	4.9	2.79	1.83	1.13	0.61	0.29	0.11	0.04	0.01	0.008	0.007	0.006	0.003	0.002	0.001	0	1.68	
0.04	0.01	0.008	0.006	0.006	0.003	0.001	0.001	4.78	2.66	1.71	1.04	0.55	0.26	0.1	0.03	0.01	0.008	0.006	0.006	0.003	0.001	0.001	0	2.07	
0.03	0.01	0.007	0.005	0.005	0.003	0.001	0.001	4.65	2.51	1.59	0.95	0.5	0.23	0.09	0.03	0.01	0.007	0.005	0.005	0.003	0.001	0.001	0	1.68	
0.03	0.01	0.007	0.005	0.005	0.004	0.001	0.001	4.52	2.37	1.47	0.87	0.44	0.2	0.08	0.02	0.01	0.007	0.005	0.005	0.004	0.001	0.001	0	1.34	
0.03	0.01	0.007	0.005	0.004	0.003	0.001	0	4.39	2.23	1.35	0.78	0.39	0.17	0.06	0.02	0.009	0.007	0.005	0.004	0.003	0.001	0	0	1.98	
0.02	0.01	0.008	0.005	0.004	0.003	0	0	4.27	2.1	1.24	0.7	0.34	0.14	0.05	0.02	0.009	0.008	0.005	0.004	0.003	0	0	0	1.88	
0.02	0.01	0.008	0.005	0.003	0.003		0	4.16	1.98	1.14	0.63	0.29	0.12	0.04	0.01	0.009	0.008	0.005	0.003	0.003		0	0	1.35	
0.01	0.01	0.009	0.006	0.003			0	4.06	1.87	1.05	0.56	0.25	0.09	0.03	0.01	0.009	0.009	0.006	0.003		0	0	0	1.99	
0.01	0.01	0.009	0.005	0.003			0	3.97	1.78	0.98	0.5	0.21	0.07	0.02	0.01	0.009	0.009	0.005	0.003		0	0	0	2.21	
0.01	0.01	0.01	0.006	0.004		0	0	3.89	1.7	0.91	0.45	0.17	0.05	0.02	0.01	0.01	0.008	0.006	0.004		0	0	0	2.07	
0.01	0.01	0.01	0.007	0.005		0	0.001	3.82	1.62	0.85	0.4	0.14	0.04	0.01	0.01	0.01	0.01	0.007	0.005		0	0.001	96.9	1.22	
0.01	0.01	0.01	0.009	0.007		0.001	0.002	3.77	1.56	0.8	0.36	0.12	0.02	0.01	0.01	0.01	0.01	0.009	0.007		0.001	0.002	0	2.17	
0.01	0.01	0.01	0.01	0.01		0.001	0.003	3.71	1.5	0.75	0.32	0.09	0.01	0.01	0.01	0.01	0.01	0.008	0.01		0.001	0.003	0	2.31	
0.01	0.01	0.01	0.01	0.01		0.003	0.003	3.66	1.45	0.71	0.28	0.07	0.009	0.007	0.01	0.01	0.01	0.009	0.009		0.003	0.003	0	2.34	
0.01	0.01	0.01	0.01	0.01		0.004	0.003	3.62	1.41	0.68	0.25		0.004	0.002	0.008	0.01	0.01	0.009	0.01		0.004	0.003	0	1.43	
0.009	0.01	0.01	0.01	0.01		0.005	0.003	3.59	1.38	0.65	0.22			0.003	0.009	0.01	0.01	0.009	0.01		0.005	0.003	0	2.14	
0.008	0																								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.01	0.007		0.002	0.001	0.001		0.001	2.48	1.19	0.77	0.45	0.22	0.08	0.02	0.01	0.007		0.002	0.001	0.001		0.001	0	1.49	
0.01	0.007		0.003	0.001	0		0.001	2.36	1.14	0.74	0.44	0.21	0.08	0.02	0.01	0.007		0.003	0.001	0		0.001	0	1.99	
0.01			0.003		0.001		0.001	2.22	1.08	0.71	0.41	0.2	0.07	0.02	0.009			0.003	0.001	0.001		0.001	0	2.21	
0.01			0.003		0.001		0.001	2.08	1.01	0.66	0.38	0.18	0.06	0.02	0.008			0.003	0.001	0.001		0.001	0	2.24	
0.009			0.002		0.002		0.001	1.94	0.93	0.6	0.34	0.16	0.06	0.01	0.009			0.002	0.001	0.002		0.001	0	1.45	
0.007			0.001		0.002		0.001	1.79	0.84	0.54	0.3	0.14	0.05	0.01	0.007			0.001		0.002		0.001	0	1.7	
0.005	0.003	0	0		0.002		0.001	1.65	0.76	0.48	0.26	0.12	0.04	0.01	0.005	0.003	0			0.002		0.001	0	2.16	
0.005	0.004	0.002	0.002		0		0.001	1.51	0.68	0.42	0.22	0.1	0.03	0.009	0.005	0.004	0.002			0		0.001	0	2.25	
0.004	0.005	0.005	0.004	0.002	0.001		0	1.38	0.6	0.36	0.19	0.08	0.02	0.009	0.004	0.005	0.005	0.004	0.002	0.001	0	0	0	2.34	
0.004	0.005	0.006	0.005	0.002	0.002		0	1.26	0.53	0.31	0.16	0.07	0.02	0.007	0.004	0.005	0.006	0.005	0.002	0.002	0	0	0	2.05	
0.004	0.006	0.008	0.006	0.002	0.004		0	1.15	0.46	0.27	0.13	0.06	0.01	0.007	0.004	0.006	0.008	0.006	0.002	0.004	0	0	0	1.54	
0.005	0.007	0.009	0.007	0.002	0.005		0.001	1.03	0.4	0.23	0.11	0.05	0.01	0.007	0.005	0.007	0.009	0.007	0.002	0.005	0.001	0	0	2.24	
0.006	0.008	0.009	0.007	0.002	0.005		0.001	0.92	0.35	0.19	0.08	0.04	0.01	0.007	0.006	0.008	0.009	0.007	0.002	0.005	0.001	0	0	2.46	
0.007	0.009	0.009	0.008	0.002	0.005		0.001	0.81	0.29	0.15	0.06	0.03	0.01	0.007	0.007	0.009	0.009	0.008	0.002	0.005	0.001	0	0	2.42	
0.008	0.009	0.009	0.008	0.002	0.004		0.002	0.7	0.24	0.11	0.04	0.02	0.008	0.007	0.008	0.009	0.009	0.008	0.002	0.004	0.002	0	0	2.13	
0.009	0.009	0.009	0.008	0.002	0.004		0.001	0.6	0.19	0.07	0.02	0.01	0.004	0.007	0.009	0.009	0.009	0.008	0.002	0.004	0.001	0	0	1.99	
0.01	0.01	0.008	0.008	0.002	0.004		0.001	0.51	0.14	0.04	0.006	0.001	0	0.006	0.01	0.01	0.008	0.008	0.002	0.004	0.001	0	0	2.24	
0.01	0.009	0.007	0.007	0.002	0.003		0.001	0.44	0.09				0.005	0.005	0.01	0.009	0.007	0.007	0.002	0.003	0.001	0	0	2.31	
0.008	0.008	0.005	0.004	0.001	0.001		0.002	0.39					0.01	0.002	0.008	0.008	0.005	0.004	0.001	0.001	0.002	0	0	2.26	
1.21	0.6	0.25	0.09	0.03	0.01	0.001	0.003	6.8	5.9	5.28	4.6	3.73	2.76	1.8	1.02	0.51	0.21	0.08	0.02	0.01	0.001	0.003	0	0	1.79
1.3	0.65	0.28	0.1	0.03	0.01	0.002	0.003	6.83	5.95	5.35	4.69	3.84	2.87	1.9	1.09	0.55	0.23	0.09	0.02	0.01	0.002	0.003	0	0	1.68
1.38	0.7	0.3	0.11	0.03	0.01	0.004	0.003	6.85	5.98	5.4	4.76	3.92	2.96	1.98	1.15	0.59	0.25	0.1	0.03	0.01	0.004	0.003	0	0	1.72
1.45	0.74	0.32	0.12	0.04	0.01	0.006	0.004	6.86	5.99	5.43	4.79	3.97	3.03	2.04	1.2	0.62	0.27	0.1	0.03	0.01	0.006	0.004	0	0	1.81
1.5	0.77	0.34	0.13	0.04	0.02	0.009	0.005	6.85	5.98	5.43	4.8	4	3.06	2.08	1.24	0.64	0.28	0.11	0.03	0.01	0.009	0.005	0	0	2.28
1.53	0.79	0.35	0.14	0.05	0.02	0.01	0.006	6.83	5.95	5.41	4.79	3.99	3.07	2.1	1.26	0.66	0.29	0.12	0.04	0.01	0.009	0.006	0	0	2.06
1.54	0.8	0.36	0.14	0.05	0.02	0.01	0.007	6.79	5.92	5.37	4.76	3.97	3.06	2.1	1.26	0.66	0.3	0.12	0.04	0.02	0.01	0.007	0	0	1.4
1.54	0.8	0.36	0.15	0.05	0.02	0.01	0.007	6.77	5.87	5.33	4.72	3.94	3.04	2.08	1.26	0.66	0.3	0.12	0.04	0.02	0.01	0.007	0	0	2.29
1.53	0.8	0.37	0.15	0.06	0.02	0.01	0.008	6.74	5.83	5.29	4.67	3.89	3	2.06	1.24	0.66	0.3	0.12	0.05	0.02	0.01	0.008	0	0	2.22
1.5	0.79	0.36	0.15	0.06	0.02	0.01	0.008	6.7	5.79	5.24	4.62	3.84	2.96	2.02	1.22	0.65	0.3	0.12	0.05	0.02	0.01	0.008	0	0	1.63
1.46	0.76	0.35	0.14	0.06	0.02	0.01	0.007	6.67	5.74	5.19	4.56	3.79	2.9	1.98	1.19	0.63	0.29	0.12	0.05	0.02	0.01	0.007	0	0	1.57
1.42	0.74	0.34	0.14	0.06	0.02	0.01	0.007	6.64	5.7	5.14	4.51	3.73	2.85	1.93	1.15	0.6	0.28	0.12	0.04	0.02	0.01	0.007	0	0	1.65
1.36	0.7	0.32	0.13	0.05	0.02	0.01	0.006	6.6	5.65	5.09	4.45	3.67	2.78	1.87	1.1	0.57	0.26	0.11	0.04	0.02	0.01	0.006	0	0	1.97
1.3	0.66	0.3	0.13	0.05	0.02	0.01	0.005	6.57	5.6	5.04	4.4	3.61	2.72	1.81	1.06	0.54	0.25	0.1	0.04	0.01	0.009	0.005	0	0	2.01
1.24	0.63	0.28	0.12	0.05	0.02	0.01	0.005	6.53	5.56	5	4.36	3.56	2.67	1.76	1.01	0.51	0.23	0.1	0.04	0.01	0.009	0.005	0	0	1.84
1.19	0.59	0.27	0.12	0.05	0.02	0.01	0.005	6.5	5.52	4.96	4.32	3.52	2.62	1.7	0.96	0.48	0.22	0.1	0.04	0.01	0.009	0.005	0	0	1.51
1.14	0.56	0.25	0.11	0.05	0.02	0.01	0.005	6.48	5.49	4.94	4.29	3.49	2.57	1.65	0.92	0.46	0.21	0.09	0.04	0.01	0.008	0.005	0	0	1.84
1.09	0.52	0.24	0.1	0.05	0.02	0.01	0.004	6.47	5.48	4.92	4.27	3.46	2.54	1.61	0.88	0.43	0.19	0.09	0.04	0.01	0.01	0.004	0	0	2.09
1.05	0.5	0.22	0.1	0.04	0.01	0.009	0.004	6.47	5.47	4.92	4.26	3.45	2.51	1.58	0.85	0.41	0.18	0.08	0.03	0.01	0.009	0.004	0	0	2.26
1.02	0.47	0.21	0.09	0.04	0.01	0.007	0.003	6.47	5.47	4.92	4.26	3.44	2.49	1.55	0.82	0.39	0.17	0.08	0.03	0.01	0.007	0.003	0	0	2.06
0.99	0.45	0.2	0.09	0.04	0.01	0.007	0.003	6.47	5.48	4.92	4.26	3.43	2.47	1.52	0.8	0.37	0.16	0.07	0.03	0.01	0.007	0.003	0	0	1.24
0.96	0.44	0.19	0.09	0.04	0.01	0.007	0.003	6.47	5.48	4.91	4.25	3.41	2.45	1.5	0.78	0.36	0.16	0.07	0.03	0.01	0.007	0.003	0	0	2.18
0.94	0.43	0.19	0.08	0.03	0.01	0.006	0.003	6.45	5.47	4.9	4.24	3.39	2.43	1.48	0.76	0.35	0.15	0.07	0.03	0.009	0.006	0.003	0	0	2.43
0.92	0.42	0.18	0.08	0.03	0.01	0.006	0.003	6.43	5.46	4.88	4.22	3.37	2.4	1.45	0.75	0.34	0.15	0.07	0.03	0.009	0.006	0.003	0	0	2.44
0.9	0.41	0.18	0.08	0.03	0.01	0.006	0.003	6.4	5.44	4.86	4.19	3.34	2.37	1.43	0.73	0.33	0.15	0.06	0.03	0.01	0.006	0.003	0	0	1.86
0.89	0.4	0.18	0.08	0.03	0.01	0.006	0.003	6.39	5.43	4.84	4.17	3.32	2.35	1.41	0.72	0.33	0.15	0.06	0.03	0.01	0.006	0.003	0	0	2.22
0.89	0.4	0.18	0.08	0.03	0.01	0.005	0.003	6.38	5.42	4.83	4.16	3.3	2.33	1.4	0.72	0.33	0.14	0.06	0.03	0.01	0.005	0.003	0	0	
0.88	0.4	0.18	0.07	0.03	0.01	0.005	0.003	6.39	5.42	4.83	4.16	3.29	2.33	1.4	0.72	0.33	0.14	0.06	0.02	0.008	0.005	0.003	0	0	2.56
0.88	0.4	0.17	0.07	0.03	0.01	0.004	0.003	6.42	5.44	4.85	4.16	3.3	2.33	1.4	0.72	0.33	0.14	0.06	0.02	0.008	0.004	0.003	0	0	2.28
0.88	0.4	0.17	0.06	0.03	0.01	0.003	0.003	6.45	5.46	4.86	4.17	3.3	2.33	1.4	0.72	0.33	0.14	0.05	0.02	0.01	0.003	0.003	0	0	1.68
0.88	0.4	0.16	0.06	0.02	0.01	0.002	0.003	6.49	5.49	4.88	4.19	3.31	2.33	1.4	0.72	0.32	0.13	0.05	0.02	0.008	0.002	0.003	0	0	2.11
0.88	0.4	0.16	0.06	0.02	0.01	0.002	0.003	6.53	5.5	4.9	4.19	3.31	2.33	1.4	0.72	0.32	0.13	0.05	0.02	0.008	0.002	0.003	0	0	2.27
0.88	0.4	0.16	0.06	0.02	0.01	0.002	0.003	6.54	5.5	4.89	4.19	3.3	2.32	1.39	0.71	0.32	0.13	0.05	0.02	0.009	0.002	0.003	0	0	2.52
0.88	0.4	0.16	0.06	0.02	0.01	0.002	0.003	6.53	5.49	4.87	4.17	3.28	2.3	1.38	0.71	0.32	0.13	0.05	0.02	0.01	0.002	0.003	0	0	2.63
0.87	0.4	0.17	0.07	0.03	0.01	0.003	0.002	6.5	5.4																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.68	0.3	0.13	0.06	0.02	0.01	0.004	0.002	5.89	4.94	4.34	3.7	2.89	2	1.17	0.58	0.26	0.11	0.05	0.02	0.009	0.004	0.002	0	1.68
0.67	0.31	0.14	0.06	0.02	0.01	0.004	0.001	5.87	4.92	4.32	3.67	2.86	1.98	1.15	0.58	0.26	0.12	0.05	0.02	0.009	0.004	0.001	0	2.27
0.67	0.31	0.14	0.06	0.02	0.01	0.004	0.001	5.86	4.91	4.3	3.65	2.84	1.96	1.15	0.58	0.27	0.12	0.05	0.02	0.008	0.004	0.001	0	2.15
0.68	0.32	0.14	0.05	0.02	0.008	0.003	0.001	5.87	4.91	4.3	3.64	2.82	1.95	1.14	0.58	0.27	0.12	0.05	0.02	0.008	0.003	0.001	0	1.75
0.69	0.32	0.14	0.05	0.02	0.007	0.002	0.001	5.89	4.92	4.3	3.64	2.82	1.95	1.15	0.59	0.28	0.12	0.04	0.01	0.007	0.002	0.001	0	1.34
0.7	0.33	0.14	0.05	0.01	0.005	0.001	0.001	5.92	4.93	4.31	3.64	2.82	1.95	1.16	0.6	0.28	0.12	0.04	0.01	0.005	0.001	0.001	0	1.78
0.71	0.33	0.14	0.04	0.01	0.004	0	0.001	5.95	4.94	4.32	3.65	2.83	1.96	1.16	0.6	0.28	0.12	0.04	0.01	0.004	0	0.001	0	1.69
0.72	0.33	0.14	0.04	0.01		0	0.002	5.97	4.96	4.32	3.65	2.83	1.96	1.17	0.61	0.29	0.12	0.03	0.01		0	0.002	0	1.84
0.73	0.34	0.14	0.04	0.01		0.001	0.002	6	4.97	4.33	3.65	2.83	1.96	1.18	0.62	0.29	0.12	0.03	0.01		0.001	0.002	0	2.32
0.73	0.34	0.13	0.04	0.01		0.001	0.002	6.02	4.97	4.33	3.65	2.82	1.96	1.18	0.62	0.29	0.11	0.03	0.01		0.001	0.002	0	2.49
0.74	0.34	0.13	0.04	0.01		0.001	0.002	6.04	4.98	4.33	3.64	2.82	1.96	1.19	0.63	0.29	0.11	0.03	0.01		0.001	0.002	0	1.57
0.75	0.35	0.13	0.04	0.01		0.001	0.002	6.05	4.98	4.33	3.64	2.82	1.96	1.19	0.63	0.3	0.12	0.03	0.01		0.001	0.002	0	2.13
0.75	0.35	0.14	0.04	0.01		0.001	0.002	6.07	4.99	4.33	3.64	2.82	1.96	1.2	0.64	0.3	0.12	0.04	0.01		0.001	0.002	0	1.59
0.76	0.35	0.14	0.05	0.01		0	0.002	6.08	4.99	4.33	3.64	2.82	1.97	1.2	0.64	0.3	0.12	0.04	0.01		0	0.002	0	1.14
0.76	0.35	0.14	0.05	0.01	0	0	0.002	6.1	5	4.34	3.64	2.83	1.98	1.2	0.64	0.3	0.12	0.04	0.01	0	0	0.002	0	1.5
0.76	0.35	0.14	0.05	0.01	0	0.001	0.002	6.13	5.01	4.35	3.66	2.84	1.99	1.21	0.64	0.3	0.12	0.04	0.01	0	0.001	0.002	0	1.96
0.77	0.35	0.14	0.05	0.01	0.001	0.001	0.002	6.16	5.03	4.38	3.68	2.86	2	1.22	0.64	0.3	0.12	0.04	0.01	0.001	0.001	0.002	0	2.14
0.77	0.35	0.14	0.05	0.01	0.002	0.001	0.002	6.19	5.06	4.41	3.72	2.89	2.03	1.24	0.65	0.3	0.12	0.05	0.01	0.002	0.001	0.002	0	1.75
0.78	0.35	0.14	0.05	0.01	0.004	0.001	0.002	6.24	5.1	4.45	3.76	2.93	2.06	1.26	0.66	0.3	0.12	0.05	0.01	0.004	0.001	0.002	0	2.29
0.79	0.35	0.14	0.06	0.02	0.005	0.001	0.002	6.29	5.15	4.5	3.81	2.99	2.1	1.28	0.67	0.3	0.12	0.05	0.01	0.005	0.001	0.002	0	2.44
0.81	0.36	0.15	0.06	0.02	0.007	0.001	0.002	6.34	5.2	4.57	3.88	3.05	2.16	1.32	0.69	0.31	0.12	0.05	0.01	0.007	0.001	0.002	0	2.33
0.84	0.38	0.15	0.06	0.02	0.006	0.001	0.002	6.4	5.26	4.63	3.95	3.12	2.21	1.36	0.71	0.32	0.13	0.05	0.01	0.006	0.001	0.002	0	1.94
0.87	0.39	0.16	0.06	0.02	0.006	0.001	0.002	6.45	5.33	4.7	4.02	3.19	2.28	1.4	0.74	0.33	0.13	0.05	0.01	0.006	0.001	0.002	0	1.48
0.9	0.4	0.16	0.06	0.02	0.006	0.002	0.002	6.5	5.39	4.77	4.09	3.25	2.34	1.45	0.76	0.34	0.14	0.05	0.01	0.006	0.002	0.002	0	1.87
0.94	0.42	0.17	0.06	0.02	0.005	0.002	0.002	6.53	5.43	4.82	4.15	3.31	2.39	1.49	0.79	0.36	0.14	0.05	0.01	0.005	0.002	0.002	0	1.94
0.97	0.44	0.17	0.06	0.02	0.005	0.002	0.001	6.56	5.47	4.86	4.19	3.37	2.44	1.53	0.81	0.37	0.15	0.05	0.01	0.005	0.002	0.001	0	1.92
0.99	0.45	0.18	0.06	0.02	0.006	0.002	0.001	6.56	5.49	4.89	4.23	3.4	2.47	1.55	0.83	0.38	0.15	0.05	0.01	0.006	0.002	0.001	0	1.48
1	0.46	0.18	0.06	0.02	0.006	0.002	0.001	6.55	5.49	4.9	4.25	3.43	2.5	1.57	0.84	0.39	0.15	0.05	0.01	0.006	0.002	0.001	0	1.44
1.01	0.46	0.19	0.06	0.02	0.007	0.002	0.001	6.53	5.48	4.9	4.25	3.44	2.51	1.58	0.85	0.39	0.16	0.05	0.01	0.007	0.002	0.001	0	1.17
1.02	0.47	0.19	0.07	0.02	0.008	0.003	0.002	6.5	5.46	4.88	4.25	3.44	2.51	1.59	0.86	0.4	0.16	0.06	0.02	0.008	0.003	0.002	0	1.52
1.02	0.47	0.19	0.07	0.02	0.009	0.003	0.002	6.47	5.44	4.86	4.23	3.43	2.5	1.58	0.85	0.4	0.16	0.06	0.02	0.009	0.003	0.002	0	1.45
1.01	0.47	0.2	0.07	0.02	0.01	0.004	0.002	6.43	5.41	4.84	4.21	3.41	2.49	1.57	0.85	0.4	0.17	0.06	0.02	0.009	0.004	0.002	0	1.76
1.01	0.47	0.2	0.08	0.03	0.01	0.005	0.002	6.39	5.38	4.8	4.18	3.38	2.47	1.56	0.84	0.4	0.17	0.07	0.02	0.01	0.005	0.002	0	1.83
1	0.48	0.21	0.08	0.03	0.01	0.006	0.002	6.36	5.35	4.77	4.14	3.35	2.44	1.54	0.84	0.4	0.18	0.07	0.02	0.01	0.006	0.002	0	1.38
0.99	0.48	0.22	0.09	0.03	0.01	0.006	0.001	6.32	5.31	4.73	4.1	3.31	2.41	1.52	0.83	0.41	0.18	0.07	0.03	0.01	0.006	0.001	0	1.81
0.98	0.48	0.22	0.09	0.03	0.01	0.006	0.001	6.29	5.28	4.68	4.06	3.27	2.37	1.49	0.82	0.41	0.19	0.08	0.03	0.01	0.006	0.001	0	2.11
0.97	0.48	0.23	0.09	0.03	0.01	0.007	0	6.26	5.24	4.64	4.01	3.22	2.33	1.47	0.81	0.41	0.19	0.08	0.03	0.01	0.007	0	0	2.05
0.96	0.49	0.23	0.1	0.03	0.01		0.001	6.23	5.2	4.59	3.95	3.16	2.29	1.45	0.8	0.41	0.2	0.08	0.03	0.01		0.001	0	1.81
0.95	0.49	0.23	0.1	0.03	0.01		0.001	6.2	5.16	4.54	3.9	3.11	2.24	1.42	0.8	0.41	0.2	0.08	0.03	0.009		0.001	0	1.61
0.95	0.49	0.23	0.1	0.03	0.01		0.002	6.17	5.11	4.49	3.84	3.05	2.19	1.39	0.79	0.41	0.2	0.08	0.03	0.009		0.002	323.7	1.45
0.94	0.49	0.24	0.1	0.03	0.01		0.001	6.15	5.06	4.43	3.77	2.98	2.14	1.36	0.78	0.41	0.2	0.08	0.03	0.01		0.001	0	1.87
0.92	0.49	0.24	0.1	0.03	0.01	0.01	0	6.11	5.01	4.37	3.7	2.91	2.09	1.33	0.77	0.41	0.2	0.08	0.03	0.01	0.01	0	0	1.98
0.91	0.48	0.23	0.1	0.03	0.01	0.01	0.002	6.07	4.95	4.3	3.62	2.83	2.03	1.3	0.75	0.4	0.2	0.08	0.03	0.01	0.01	0.002	0	2.01
0.88	0.47	0.23	0.1	0.03	0.01	0.01	0.003	6.03	4.89	4.22	3.54	2.75	1.97	1.26	0.74	0.4	0.19	0.08	0.03	0.01	0.01	0.003	0	1.69
0.86	0.46	0.22	0.09	0.03	0.01	0.01	0.003	6	4.83	4.15	3.46	2.67	1.9	1.22	0.72	0.39	0.19	0.08	0.03	0.01	0.01	0.003	0	1.96
0.83	0.44	0.21	0.08	0.03	0.01	0.01	0.003	5.96	4.78	4.08	3.38	2.6	1.84	1.18	0.69	0.37	0.18	0.07	0.02	0.01	0.01	0.003	0	2.3
0.8	0.43	0.2	0.08	0.02	0.01	0.01	0.002	5.94	4.73	4.02	3.31	2.53	1.79	1.14	0.67	0.36	0.17	0.07	0.02	0.01	0.009	0.002	0	2.15
0.77	0.41	0.19	0.07	0.02	0.01	0.009	0.002	5.92	4.68	3.97	3.25	2.47	1.73	1.11	0.64	0.34	0.16	0.06	0.02	0.01	0.009	0.002	0	1.25
0.74	0.39	0.18	0.07	0.02	0.01	0.008	0.001	5.91	4.64	3.92	3.19	2.41	1.68	1.07	0.62	0.33	0.15	0.06	0.01	0.01	0.008	0.001	0	1.87
0.7	0.37	0.17	0.06	0.02	0.01	0.007	0.001	5.9	4.6	3.87	3.12	2.35	1.63	1.03	0.59	0.31	0.14	0.05	0.01	0.01	0.007	0.001	0	1.64
0.67	0.34	0.16	0.06	0.02	0.01	0.007	0.001	5.89	4.56	3.82	3.06	2.28	1.57	0.98	0.56	0.29	0.13	0.05	0.01	0.009	0.007	0.001	0	1.83
0.62	0.32	0.14	0.06	0.02	0.01	0.007	0.001	5.88	4.52	3.76	2.99	2.22	1.51	0.94	0.53	0.27	0.12	0.05	0.01	0.009	0.007	0.001	0	1.85
0.58	0.29	0.13	0.05	0.02	0.009		0	5.85	4.48	3.7	2.92	2.14	1.45	0.88	0.49	0.25	0.11	0.05	0.01	0.009		0	0	1.63
0.53	0.27	0.12	0.05	0.02	0.008		0.001	5.82	4.43	3.63	2.85	2.07	1.38	0.83	0.45	0.23	0.1	0.04	0.01	0.008				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.87	0.39	0.14	0.04	0.01	0.01		0.001	6.03	5.04	4.5	3.91	3.16	2.3	1.44	0.76	0.34	0.12	0.03	0.01	0.01		0.001	0	1.47
0.88	0.39	0.14	0.04	0.01	0.01	0.002	0.001	6.03	5.05	4.51	3.92	3.18	2.32	1.45	0.77	0.34	0.13	0.04	0.01	0.009	0.002	0.001	0	1.84
0.88	0.4	0.15	0.04	0.01	0.01	0.002	0.002	6.02	5.05	4.51	3.93	3.19	2.33	1.46	0.77	0.35	0.13	0.04	0.01	0.008	0.002	0.002	0	1.85
0.88	0.4	0.15	0.05	0.01	0.01	0.003	0.002	6	5.04	4.51	3.93	3.19	2.33	1.47	0.78	0.35	0.13	0.04	0.01	0.008	0.003	0.002	0	1.74
0.89	0.4	0.16	0.05	0.02	0.01	0.002	0.002	5.97	5.03	4.5	3.93	3.19	2.33	1.47	0.78	0.35	0.14	0.04	0.01	0.01	0.002	0.002	0	1.77
0.89	0.41	0.16	0.05	0.02	0.01	0.002	0.002	5.93	5	4.48	3.91	3.18	2.32	1.46	0.78	0.36	0.14	0.04	0.01	0.01	0.002	0.002	0	2.28
0.89	0.41	0.16	0.05	0.02	0.01	0.003	0.002	5.89	4.97	4.46	3.89	3.16	2.31	1.46	0.78	0.36	0.14	0.04	0.01	0.008	0.003	0.002	0	2.12
0.89	0.41	0.16	0.06	0.02	0.01	0.003	0.002	5.85	4.94	4.44	3.87	3.14	2.3	1.45	0.78	0.36	0.14	0.05	0.02	0.009	0.003	0.002	0	1.13
0.89	0.41	0.17	0.06	0.02	0.01	0.003	0.002	5.81	4.91	4.41	3.84	3.12	2.28	1.44	0.78	0.36	0.15	0.05	0.02	0.01	0.003	0.002	0	1.9
0.88	0.41	0.17	0.06	0.02	0.01	0.003	0.002	5.78	4.88	4.38	3.81	3.09	2.26	1.43	0.77	0.36	0.15	0.05	0.02	0.01	0.003	0.002	0	1.89
0.88	0.41	0.17	0.06	0.02	0.01	0.003	0.002	5.76	4.85	4.36	3.78	3.06	2.23	1.41	0.77	0.36	0.15	0.05	0.02	0.01	0.003	0.002	0	1.79
0.87	0.41	0.17	0.06	0.02	0.01	0.002	0.002	5.76	4.84	4.34	3.76	3.03	2.21	1.4	0.76	0.36	0.14	0.05	0.01	0.01	0.002	0.002	0	1.57
0.86	0.4	0.16	0.06	0.01	0.01	0	0.002	5.75	4.82	4.32	3.73	3	2.18	1.38	0.75	0.35	0.14	0.05	0.01	0.009	0	0.002	0	1.69
0.85	0.4	0.16	0.06	0.01		0.001	0.003	5.76	4.81	4.3	3.71	2.98	2.16	1.36	0.74	0.34	0.14	0.05	0.01		0.001	0.003	0	1.66
0.84	0.39	0.16	0.06	0.01		0.002	0.003	5.77	4.8	4.28	3.68	2.94	2.12	1.33	0.72	0.34	0.14	0.05	0.01		0.002	0.003	64.8	1.87
0.83	0.38	0.15	0.05	0.01		0.003	0.003	5.77	4.78	4.25	3.64	2.89	2.08	1.3	0.7	0.33	0.13	0.04	0.01		0.003	0.003	0	1.4
0.8	0.37	0.15	0.05	0.01		0.003	0.002	5.75	4.75	4.21	3.58	2.84	2.03	1.26	0.68	0.32	0.12	0.04	0.01		0.003	0.002	0	2.3
0.77	0.36	0.14	0.05	0.01		0.002	0.002	5.72	4.7	4.15	3.52	2.77	1.96	1.21	0.65	0.3	0.12	0.04	0.01		0.002	0.002	0	2.37
0.73	0.34	0.13	0.04	0.01		0.001	0.002	5.67	4.63	4.07	3.44	2.68	1.88	1.15	0.61	0.28	0.11	0.03	0.01		0.001	0.002	0	2.09
0.69	0.31	0.12	0.04	0.01		0	0.001	5.61	4.56	3.99	3.34	2.58	1.8	1.08	0.57	0.26	0.1	0.03	0.01		0	0.001	0	1.58
0.64	0.29	0.12	0.04	0.01	0.007	0.001	0.001	5.55	4.48	3.89	3.24	2.48	1.7	1.02	0.53	0.24	0.1	0.03	0.01	0.007	0.001	0.001	0	2.09
0.59	0.27	0.11	0.04	0.01	0.01	0.003	0.001	5.49	4.4	3.79	3.13	2.37	1.61	0.95	0.49	0.22	0.09	0.03	0.01	0.01	0.003	0.001	0	1.94
0.55	0.25	0.1	0.04	0.02	0.01	0.005	0.001	5.44	4.32	3.7	3.02	2.26	1.51	0.88	0.45	0.21	0.09	0.03	0.01	0.01	0.005	0.001	0	1.58
0.51	0.23	0.1	0.04	0.02	0.01	0.007	0.002	5.4	4.25	3.6	2.91	2.16	1.42	0.82	0.41	0.19	0.08	0.03	0.02	0.01	0.007	0.002	0	1.71
0.47	0.22	0.09	0.04	0.03	0.01	0.008	0.003	5.38	4.19	3.52	2.82	2.06	1.34	0.76	0.38	0.18	0.08	0.03	0.02	0.01	0.008	0.003	0	1.61
0.44	0.2	0.09	0.04	0.03	0.01	0.008	0.003	5.37	4.14	3.46	2.74	1.98	1.27	0.71	0.36	0.17	0.07	0.03	0.02	0.01	0.008	0.003	0	1.89
0.42	0.19	0.09	0.04	0.03	0.01	0.008	0.003	5.39	4.12	3.4	2.67	1.91	1.22	0.68	0.34	0.16	0.07	0.03	0.02	0.01	0.008	0.003	0	1.76
0.4	0.18	0.09	0.04	0.03	0.01	0.008	0.002	5.41	4.1	3.37	2.62	1.86	1.17	0.65	0.32	0.15	0.07	0.04	0.02	0.01	0.008	0.002	0	1.47
0.38	0.18	0.08	0.04	0.03	0.01	0.007	0.002	5.45	4.1	3.35	2.59	1.82	1.14	0.62	0.31	0.14	0.07	0.03	0.02	0.01	0.007	0.002	0	1.53
0.37	0.17	0.08	0.04	0.02	0.01	0.006	0.001	5.49	4.11	3.33	2.57	1.79	1.12	0.61	0.3	0.14	0.06	0.03	0.02	0.009	0.006	0.001	0	2.08
0.36	0.16	0.08	0.04	0.02	0.009	0.005	0	5.52	4.12	3.33	2.56	1.78	1.1	0.6	0.29	0.13	0.06	0.03	0.02	0.009	0.005	0	0	2.08
0.35	0.16	0.07	0.03	0.02	0.006	0.004	0	5.56	4.14	3.33	2.56	1.77	1.1	0.59	0.29	0.13	0.06	0.03	0.01	0.006	0.004	0	0	1.89
0.35	0.15	0.07	0.03	0.01	0.005	0.004	0	5.59	4.16	3.34	2.56	1.77	1.1	0.59	0.28	0.12	0.05	0.02	0.01	0.005	0.004	0	0	1.59
0.35	0.15	0.06	0.03	0.01	0.004	0.003	0	5.62	4.17	3.34	2.56	1.78	1.1	0.59	0.28	0.12	0.05	0.02	0.01	0.004	0.003	0	0	2.25
0.35	0.14	0.05	0.02	0.01	0.002	0.002	0	5.64	4.17	3.34	2.56	1.78	1.11	0.6	0.28	0.11	0.04	0.01	0.009	0.002	0.002	0	0	2.44
0.35	0.14	0.05	0.01	0.009	0.002	0.001	0	5.65	4.17	3.34	2.56	1.78	1.11	0.6	0.28	0.11	0.04	0.01	0.009	0.002	0.001	0	0	2.26
0.35	0.14	0.04	0.01	0.007	0.001	0.001	0	5.66	4.16	3.34	2.56	1.78	1.12	0.61	0.28	0.11	0.03	0.01	0.007	0.001	0.001	0	0	1.55
0.35	0.13	0.04	0.01	0.005	0.001	0	0	5.66	4.15	3.33	2.55	1.78	1.12	0.61	0.28	0.11	0.03	0.009	0.005	0.001	0	0	0	2.3
0.35	0.13	0.04	0.009	0.004			0	5.65	4.13	3.31	2.53	1.77	1.11	0.61	0.28	0.11	0.03	0.009	0.004		0	0	0	2.4
0.35	0.13	0.04	0.008	0.003			0	5.64	4.1	3.28	2.5	1.75	1.1	0.6	0.28	0.1	0.03	0.008	0.003			0	0	2.17
0.34	0.12	0.03	0.007	0.002			0.001	5.61	4.06	3.25	2.47	1.72	1.08	0.59	0.27	0.1	0.02	0.007	0.002			0.001	0	1.48
0.33	0.12	0.03	0.007	0.003	0.004		0.001	5.57	4.03	3.21	2.43	1.68	1.06	0.58	0.27	0.1	0.02	0.007	0.003	0.004		0.001	0	1.37
0.32	0.11	0.03	0.008	0.005	0.007		0	5.53	3.99	3.16	2.38	1.65	1.03	0.56	0.26	0.09	0.02	0.008	0.005	0.007		0	0	1.39
0.3	0.11	0.02	0.008	0.005	0.008		0.001	5.49	3.95	3.12	2.34	1.61	1.01	0.55	0.25	0.09	0.02	0.008	0.005	0.008		0.001	0	1.39
0.29	0.1	0.02	0.007	0.005	0.009		0.001	5.45	3.91	3.08	2.31	1.58	0.98	0.53	0.24	0.08	0.02	0.007	0.005	0.009		0.001	0	1.57
0.28	0.09	0.02	0.006	0.006	0.01		0.002	5.42	3.88	3.05	2.28	1.55	0.96	0.52	0.23	0.08	0.01	0.006	0.006	0.01	0.002	0	0	1.76
0.27	0.09	0.01	0.006	0.006	0.01		0.001	5.38	3.86	3.03	2.26	1.54	0.95	0.51	0.23	0.07	0.01	0.006	0.006	0.009		0.001	0	1.87
0.26	0.08	0.01	0.005	0.005	0.01		0.002	5.35	3.84	3.01	2.24	1.52	0.94	0.5	0.22	0.07	0.01	0.005	0.005		0.002	0	0	1.78
0.26	0.08	0.01	0.004	0.005	0.01		0.002	5.32	3.83	3	2.24	1.52	0.93	0.5	0.22	0.07	0.01	0.004	0.005	0.008		0.002	76.4	2.01
0.26	0.08	0.01	0.003	0.004	0.009		0.002	5.28	3.82	3	2.24	1.53	0.94	0.5	0.22	0.07	0.01	0.003	0.004	0.009		0.002	0	1.76
0.25	0.08	0.01	0	0.001	0.007		0.003	5.26	3.81	3.01	2.26	1.54	0.95	0.5	0.22	0.06	0.01	0	0.001	0.007		0.003	290.4	1.86
0.26	0.08	0.01		0	0.006		0.002	5.24	3.81	3.02	2.28	1.57	0.97	0.51	0.22	0.07	0.01	0	0	0.006		0.002	0	2.11
0.27	0.08	0.01		0.001	0.005		0.001	5.23	3.83	3.05	2.32	1.61	1	0.53	0.23	0.07	0.01		0.001	0.005		0.001	0	2.16
0.28	0.09		0.002	0.004			0	5.24	3.85	3.09	2.37	1.66	1.05	0.56	0.24	0.08		0.002	0.004			0	0	2.14
0.31	0.1	0.02	0.003	0.002	0.001	0.001	0	5.25	3.88	3.14	2.44	1.73	1.1	0.6										

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.88	0.52	0.27	0.12	0.04	0.01	0.006	0.001	5.16	4.03	3.49	2.97	2.42	1.85	1.29	0.83	0.49	0.25	0.11	0.04	0.01	0.006	0.001	0	1.96
0.85	0.51	0.26	0.12	0.04	0.01	0.006	0.002	5.12	3.98	3.45	2.93	2.37	1.81	1.26	0.81	0.48	0.25	0.11	0.04	0.01	0.006	0.002	0	1.46
0.83	0.49	0.26	0.11	0.04	0.01	0.006	0.002	5.08	3.94	3.41	2.88	2.33	1.77	1.24	0.8	0.47	0.24	0.11	0.04	0.01	0.006	0.002	0	1.41
0.81	0.48	0.25	0.11	0.04	0.02	0.007	0.003	5.04	3.9	3.37	2.84	2.28	1.73	1.21	0.78	0.46	0.24	0.1	0.04	0.01	0.007	0.003	0	1.68
0.78	0.46	0.24	0.11	0.04	0.02	0.009	0.004	4.99	3.86	3.33	2.79	2.23	1.69	1.18	0.76	0.44	0.23	0.1	0.04	0.01	0.009	0.004	0	1.09
0.76	0.45	0.24	0.11	0.05	0.02	0.01	0.006	4.94	3.82	3.28	2.75	2.19	1.65	1.15	0.74	0.43	0.23	0.11	0.04	0.02	0.01	0.006	0	1.73
0.74	0.44	0.24	0.11	0.05	0.02	0.01	0.007	4.89	3.79	3.24	2.71	2.15	1.62	1.12	0.72	0.42	0.22	0.11	0.04	0.02	0.01	0.007	0	1.97
0.72	0.43	0.23	0.11	0.05	0.03	0.01	0.008	4.84	3.77	3.21	2.68	2.12	1.59	1.1	0.71	0.42	0.22	0.11	0.05	0.02	0.01	0.008	0	1.78
0.71	0.42	0.22	0.11	0.05	0.03	0.01	0.008	4.8	3.75	3.18	2.66	2.1	1.57	1.09	0.69	0.41	0.22	0.11	0.05	0.02	0.01	0.008	0	1.66
0.7	0.41	0.22	0.11	0.05	0.02	0.01	0.007	4.77	3.74	3.17	2.65	2.1	1.57	1.08	0.69	0.4	0.21	0.1	0.05	0.02	0.01	0.007	0	1.84
0.69	0.41	0.22	0.11	0.05	0.02	0.01	0.006	4.75	3.75	3.17	2.66	2.12	1.58	1.09	0.69	0.4	0.21	0.1	0.05	0.02	0.01	0.006	0	1.51
0.7	0.4	0.21	0.1	0.05	0.02	0.01	0.006	4.75	3.76	3.19	2.69	2.14	1.61	1.11	0.7	0.4	0.21	0.1	0.05	0.02	0.01	0.006	0	1.4
0.7	0.41	0.21	0.1	0.05	0.02	0.01	0.005	4.76	3.78	3.22	2.73	2.19	1.64	1.13	0.71	0.4	0.21	0.1	0.04	0.02	0.01	0.005	0	0.95
0.72	0.41	0.21	0.1	0.04	0.01	0.007	0.003	4.8	3.81	3.26	2.78	2.24	1.7	1.17	0.73	0.41	0.21	0.09	0.04	0.01	0.007	0.003	0	1.33
0.75	0.42	0.22	0.1	0.04	0.01	0.006	0.003	4.85	3.86	3.32	2.85	2.31	1.76	1.22	0.76	0.43	0.21	0.09	0.04	0.01	0.006	0.003	0	1.36
0.78	0.44	0.22	0.1	0.04	0.01	0.004	0.002	4.92	3.91	3.39	2.93	2.39	1.84	1.28	0.8	0.45	0.22	0.1	0.04	0.01	0.004	0.002	0	1.99
0.82	0.46	0.23	0.1	0.04	0.01	0.004	0.002	4.99	3.98	3.47	3.01	2.48	1.92	1.34	0.84	0.47	0.23	0.1	0.04	0.01	0.004	0.002	0	1.81
0.85	0.48	0.24	0.1	0.04	0.01	0.003	0.002	5.07	4.05	3.54	3.09	2.57	2	1.41	0.89	0.5	0.24	0.1	0.04	0.01	0.003	0.002	0	1.09
0.89	0.51	0.25	0.11	0.04	0.01	0.003	0.001	5.14	4.12	3.62	3.17	2.65	2.08	1.48	0.94	0.52	0.25	0.11	0.04	0.01	0.003	0.001	0	1.7
0.93	0.53	0.26	0.11	0.04	0.01	0.002	0.001	5.2	4.18	3.68	3.25	2.73	2.16	1.55	0.99	0.55	0.27	0.11	0.04	0.01	0.002	0.001	0	1.9
0.97	0.55	0.27	0.12	0.04	0.01	0.002	0.001	5.26	4.25	3.75	3.31	2.8	2.23	1.61	1.04	0.58	0.28	0.12	0.04	0.01	0.002	0.001	0	2
1	0.58	0.28	0.12	0.04	0.01	0.003	0.001	5.32	4.3	3.81	3.37	2.87	2.3	1.67	1.08	0.61	0.29	0.12	0.04	0.01	0.003	0.001	0	2.03
1.03	0.6	0.3	0.12	0.04	0.01	0.003	0.001	5.36	4.36	3.86	3.43	2.93	2.37	1.73	1.13	0.64	0.31	0.13	0.04	0.01	0.003	0.001	0	1.69
1.07	0.62	0.31	0.13	0.05	0.01	0.005	0.002	5.41	4.4	3.91	3.48	2.99	2.43	1.79	1.18	0.67	0.33	0.13	0.05	0.01	0.005	0.002	0	1.98
1.1	0.65	0.33	0.14	0.05	0.01	0.007	0.003	5.45	4.45	3.96	3.53	3.05	2.49	1.85	1.22	0.7	0.34	0.14	0.05	0.01	0.007	0.003	0	2.32
1.13	0.67	0.34	0.14	0.05	0.02	0.009	0.003	5.49	4.49	4.01	3.58	3.11	2.55	1.9	1.27	0.73	0.36	0.15	0.05	0.02	0.009	0.003	77.1	2.25
1.16	0.69	0.35	0.15	0.06	0.02	0.01	0.005	5.53	4.53	4.06	3.63	3.16	2.61	1.96	1.31	0.77	0.38	0.16	0.06	0.02	0.01	0.005	0	1.66
1.19	0.71	0.37	0.16	0.06	0.02	0.01	0.006	5.56	4.57	4.1	3.68	3.21	2.66	2.01	1.35	0.8	0.4	0.17	0.06	0.02	0.01	0.006	0	1.88
1.21	0.73	0.38	0.16	0.06	0.02	0.01	0.006	5.58	4.6	4.14	3.72	3.25	2.7	2.05	1.39	0.82	0.41	0.17	0.06	0.02	0.01	0.006	0	1.65
1.23	0.75	0.39	0.17	0.06	0.03	0.01	0.008	5.58	4.62	4.16	3.74	3.29	2.74	2.09	1.42	0.84	0.43	0.18	0.06	0.03	0.01	0.008	0	1.49
1.24	0.76	0.4	0.17	0.07	0.03	0.02	0.01	5.58	4.62	4.17	3.76	3.31	2.77	2.11	1.44	0.86	0.44	0.18	0.07	0.03	0.02	0.01	0	1.85
1.25	0.77	0.4	0.18	0.07	0.03	0.02	0.01	5.55	4.61	4.17	3.77	3.31	2.78	2.13	1.46	0.88	0.45	0.19	0.07	0.03	0.02	0.01	0	1.75
1.26	0.78	0.41	0.18	0.07	0.04	0.02	0.01	5.52	4.6	4.17	3.77	3.32	2.79	2.14	1.48	0.89	0.46	0.2	0.08	0.04	0.02	0.01	0	1.59
1.27	0.78	0.42	0.19	0.08	0.04	0.02	0.01	5.49	4.58	4.16	3.77	3.32	2.79	2.15	1.49	0.9	0.46	0.2	0.08	0.04	0.02	0.01	0	1.17
1.27	0.79	0.42	0.19	0.08	0.04	0.02	0.01	5.47	4.57	4.16	3.77	3.32	2.8	2.16	1.5	0.91	0.47	0.21	0.08	0.04	0.02	0.01	0	1.72
1.28	0.8	0.42	0.19	0.08	0.04	0.02	0.01	5.45	4.56	4.16	3.77	3.33	2.8	2.16	1.5	0.92	0.48	0.21	0.09	0.04	0.02	0.01	0	1.91
1.28	0.8	0.43	0.2	0.08	0.04	0.02	0.01	5.45	4.56	4.17	3.78	3.33	2.8	2.17	1.51	0.92	0.48	0.21	0.09	0.04	0.02	0.01	0	2.22
1.29	0.8	0.43	0.2	0.08	0.04	0.02	0.01	5.45	4.57	4.17	3.78	3.34	2.81	2.17	1.51	0.92	0.48	0.21	0.09	0.04	0.02	0.01	0	2.07
1.29	0.81	0.43	0.2	0.08	0.04	0.02	0.01	5.46	4.59	4.18	3.79	3.35	2.81	2.17	1.51	0.93	0.48	0.21	0.09	0.04	0.02	0.01	0	1.72
1.29	0.81	0.43	0.2	0.08	0.04	0.02	0.01	5.47	4.6	4.19	3.79	3.35	2.81	2.17	1.51	0.93	0.48	0.22	0.09	0.04	0.02	0.01	0	2.52
1.29	0.81	0.44	0.2	0.08	0.04	0.02	0.01	5.47	4.61	4.19	3.79	3.34	2.8	2.16	1.51	0.92	0.48	0.22	0.09	0.04	0.02	0.01	0	2.36
1.29	0.81	0.44	0.2	0.08	0.04	0.02	0.01	5.47	4.62	4.18	3.79	3.34	2.79	2.15	1.5	0.92	0.49	0.22	0.09	0.04	0.02	0.01	0	1.96
1.29	0.81	0.44	0.21	0.09	0.04	0.02	0.01	5.47	4.61	4.17	3.78	3.32	2.78	2.14	1.49	0.92	0.49	0.22	0.09	0.04	0.02	0.01	0	1.75
1.29	0.81	0.44	0.21	0.09	0.03	0.02	0.01	5.47	4.61	4.16	3.77	3.31	2.76	2.13	1.48	0.91	0.48	0.22	0.09	0.04	0.02	0.01	0	2.07
1.29	0.81	0.44	0.21	0.09	0.04	0.02	0.01	5.47	4.62	4.16	3.76	3.3	2.75	2.12	1.47	0.91	0.48	0.23	0.1	0.04	0.02	0.01	0	2.2
1.29	0.81	0.44	0.21	0.09	0.04	0.02	0.01	5.49	4.62	4.16	3.76	3.3	2.75	2.11	1.46	0.9	0.48	0.23	0.1	0.04	0.02	0.01	0	2.09
1.3	0.81	0.44	0.22	0.1	0.04	0.02	0.01	5.52	4.64	4.17	3.77	3.3	2.75	2.11	1.46	0.9	0.48	0.23	0.1	0.04	0.02	0.01	0	2.08
1.31	0.82	0.45	0.22	0.1	0.04	0.02	0.01	5.58	4.67	4.2	3.79	3.32	2.77	2.12	1.47	0.91	0.48	0.23	0.1	0.04	0.02	0.01	0	2.22
1.33	0.83	0.45	0.22	0.09	0.04	0.02	0.01	5.63	4.7	4.24	3.81	3.34	2.79	2.14	1.48	0.91	0.48	0.23	0.1	0.04	0.02	0.01	0	2.07
1.35	0.84	0.45	0.21	0.09	0.04	0.02	0.01	5.68	4.72	4.26	3.83	3.36	2.8	2.15	1.49	0.91	0.48	0.22	0.09	0.04	0.02	0.01	0	1.75
1.37	0.85	0.46	0.21	0.09	0.03	0.01	0.009	5.72	4.74	4.28	3.84	3.36	2.81	2.16	1.49	0.92	0.48	0.22	0.09	0.03	0.01	0.009	0	2.3
1.38	0.86	0.46	0.21	0.09	0.03	0.01	0.009	5.73	4.74	4.28	3.84	3.37	2.81	2.16	1.5	0.92	0.48	0.22	0.09	0.03	0.01	0.009	0	2.34
1.39	0.86	0.46	0.21	0.08	0.03	0.01	0.009	5.72	4.73	4.27	3.83	3.36	2.81	2.16	1.49	0.91	0.48	0.22	0.08	0.03	0.01	0.009	0	2.02
1.4	0.87	0.46	0.21	0.09	0.03	0.01	0.009	5.69	4.71	4.24	3.81	3.34	2.79	2.15	1.									

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.66	1.07	0.59	0.27	0.1	0.03	0.01	0.006	5.6	4.66	4.25	3.85	3.41	2.89	2.27	1.63	1.04	0.57	0.26	0.09	0.03	0.01	0.006	0	1.47
1.66	1.07	0.59	0.27	0.1	0.03	0.01	0.006	5.6	4.66	4.25	3.86	3.41	2.89	2.28	1.63	1.04	0.57	0.25	0.09	0.03	0.01	0.006	0	1.15
1.66	1.06	0.59	0.27	0.1	0.03	0.01	0.006	5.58	4.65	4.25	3.85	3.41	2.89	2.28	1.63	1.04	0.57	0.25	0.09	0.03	0.01	0.006	0	1.27
1.66	1.06	0.58	0.26	0.1	0.03	0.01	0.005	5.57	4.65	4.25	3.85	3.41	2.89	2.28	1.63	1.03	0.56	0.25	0.09	0.03	0.01	0.005	0	1.48
1.65	1.05	0.58	0.26	0.1	0.03	0.01	0.005	5.54	4.64	4.24	3.85	3.41	2.89	2.28	1.63	1.03	0.56	0.25	0.09	0.03	0.01	0.005	0	1.53
1.64	1.05	0.57	0.26	0.1	0.03	0.01	0.004	5.51	4.62	4.22	3.84	3.4	2.88	2.27	1.62	1.03	0.56	0.25	0.09	0.03	0.01	0.004	0	1.76
1.63	1.04	0.56	0.26	0.1	0.03	0.01	0.004	5.47	4.6	4.19	3.81	3.38	2.86	2.26	1.61	1.02	0.55	0.25	0.09	0.02	0.01	0.004	0	1.82
1.61	1.02	0.56	0.25	0.1	0.03	0.01	0.005	5.43	4.57	4.16	3.79	3.36	2.84	2.24	1.6	1.01	0.54	0.24	0.09	0.03	0.01	0.005	0	2.14
1.59	1.01	0.55	0.25	0.1	0.03	0.01	0.006	5.38	4.53	4.13	3.76	3.33	2.82	2.22	1.58	0.99	0.54	0.24	0.09	0.03	0.01	0.006	0	2.23
1.57	0.99	0.54	0.25	0.1	0.03	0.01	0.007	5.33	4.49	4.09	3.73	3.3	2.79	2.19	1.56	0.98	0.53	0.24	0.09	0.03	0.01	0.007	0	2.04
1.55	0.98	0.54	0.25	0.1	0.03	0.02	0.009	5.28	4.46	4.06	3.7	3.27	2.77	2.17	1.55	0.97	0.53	0.24	0.1	0.03	0.01	0.009	0	1.68
1.53	0.97	0.53	0.25	0.1	0.04	0.02	0.01	5.25	4.42	4.03	3.67	3.25	2.75	2.15	1.53	0.96	0.52	0.24	0.1	0.03	0.02	0.009	0	2.21
1.51	0.96	0.53	0.25	0.1	0.04	0.02	0.01	5.22	4.39	4.01	3.65	3.23	2.73	2.14	1.52	0.96	0.52	0.24	0.1	0.04	0.02	0.01	0	2.36
1.51	0.96	0.53	0.25	0.1	0.04	0.02	0.01	5.21	4.38	4	3.64	3.22	2.72	2.14	1.52	0.96	0.52	0.24	0.1	0.04	0.02	0.01	0	2.18
1.5	0.95	0.53	0.25	0.1	0.04	0.02	0.01	5.21	4.37	4	3.64	3.22	2.72	2.14	1.52	0.96	0.52	0.24	0.1	0.04	0.02	0.01	242.4	1.72
1.5	0.95	0.53	0.25	0.1	0.04	0.02	0.01	5.21	4.37	4	3.64	3.22	2.73	2.14	1.52	0.96	0.52	0.24	0.09	0.04	0.02	0.01	0	1.55
1.5	0.95	0.52	0.24	0.1	0.04	0.02	0.01	5.22	4.37	4	3.64	3.23	2.73	2.14	1.52	0.96	0.52	0.24	0.09	0.04	0.02	0.01	0	2.08
1.5	0.95	0.52	0.24	0.09	0.04	0.02	0.01	5.22	4.37	4.01	3.65	3.23	2.74	2.15	1.53	0.96	0.52	0.23	0.09	0.03	0.02	0.01	0	2.15
1.51	0.96	0.52	0.24	0.09	0.04	0.02	0.01	5.21	4.38	4.01	3.65	3.24	2.74	2.16	1.53	0.96	0.52	0.23	0.09	0.03	0.02	0.009	0	1.97
1.51	0.96	0.52	0.24	0.09	0.03	0.02	0.01	5.2	4.38	4.01	3.66	3.24	2.75	2.16	1.54	0.97	0.52	0.23	0.09	0.03	0.02	0.01	0	1.6
1.52	0.97	0.53	0.24	0.09	0.04	0.02	0.01	5.2	4.39	4.02	3.66	3.25	2.76	2.17	1.55	0.97	0.52	0.23	0.09	0.03	0.01	0.01	0	1.37
1.54	0.98	0.54	0.25	0.1	0.04	0.02	0.01	5.21	4.41	4.04	3.68	3.26	2.77	2.19	1.56	0.99	0.53	0.24	0.09	0.04	0.02	0.01	0	1.63
1.56	1	0.55	0.25	0.1	0.04	0.02	0.01	5.24	4.44	4.06	3.71	3.29	2.8	2.21	1.58	1	0.55	0.25	0.09	0.04	0.01	0.009	0	2.12
1.58	1.02	0.57	0.26	0.1	0.04	0.02	0.01	5.29	4.48	4.1	3.75	3.32	2.83	2.24	1.61	1.03	0.56	0.25	0.09	0.04	0.01	0.01	0	2.2
1.61	1.04	0.58	0.27	0.1	0.04	0.01	0.009	5.35	4.53	4.14	3.79	3.36	2.86	2.27	1.64	1.05	0.58	0.26	0.1	0.04	0.01	0.009	0	2.08
1.64	1.06	0.59	0.27	0.1	0.04	0.01	0.007	5.42	4.57	4.18	3.82	3.39	2.89	2.3	1.66	1.07	0.59	0.26	0.09	0.03	0.01	0.007	0	2.05
1.67	1.08	0.6	0.28	0.1	0.03	0.01	0.005	5.47	4.61	4.22	3.85	3.42	2.92	2.33	1.69	1.08	0.6	0.27	0.09	0.03	0.01	0.005	0	1.82
1.69	1.1	0.61	0.28	0.1	0.03	0.01	0.004	5.5	4.63	4.23	3.87	3.43	2.93	2.34	1.7	1.1	0.6	0.27	0.09	0.03	0.01	0.004	0	2.59
1.7	1.11	0.62	0.29	0.1	0.03	0.01	0.005	5.5	4.62	4.22	3.86	3.43	2.93	2.35	1.71	1.11	0.61	0.28	0.1	0.03	0.01	0.005	0	2.69
1.71	1.12	0.63	0.29	0.11	0.04	0.01	0.006	5.47	4.6	4.2	3.84	3.41	2.92	2.34	1.71	1.11	0.62	0.28	0.1	0.03	0.01	0.006	0	2.46
1.71	1.13	0.64	0.3	0.11	0.04	0.01	0.005	5.43	4.56	4.16	3.8	3.38	2.89	2.32	1.71	1.12	0.63	0.29	0.11	0.03	0.01	0.005	0	1.83
1.71	1.14	0.65	0.31	0.12	0.04	0.01	0.005	5.37	4.52	4.13	3.77	3.34	2.87	2.31	1.7	1.12	0.63	0.3	0.11	0.03	0.01	0.005	0	2.22
1.71	1.14	0.66	0.31	0.12	0.04	0.01	0.003	5.32	4.48	4.09	3.73	3.31	2.84	2.29	1.7	1.12	0.64	0.3	0.11	0.03	0.01	0.003	0	2.49
1.71	1.15	0.66	0.32	0.12	0.03	0.01	0.001	5.28	4.44	4.05	3.7	3.28	2.82	2.28	1.69	1.13	0.64	0.3	0.11	0.03	0.01	0.001	0	2.54
1.72	1.15	0.67	0.32	0.12	0.03		0.001	5.26	4.42	4.04	3.68	3.27	2.81	2.27	1.69	1.13	0.65	0.3	0.11	0.03		0.001	0	2.41
1.73	1.16	0.68	0.32	0.12	0.03		0	5.26	4.41	4.03	3.67	3.26	2.8	2.27	1.69	1.13	0.65	0.3	0.11	0.03		0	0	2.1
1.74	1.17	0.68	0.32	0.12	0.03	0.007	0	5.26	4.4	4.03	3.67	3.26	2.8	2.27	1.7	1.14	0.65	0.3	0.11	0.03	0.007	0	0	1.7
1.75	1.18	0.69	0.32	0.12	0.03	0.006	0.001	5.25	4.39	4.03	3.67	3.26	2.8	2.27	1.7	1.14	0.66	0.3	0.11	0.03	0.006	0.001	0	2.41
1.76	1.19	0.69	0.32	0.12	0.03	0.006	0.002	5.23	4.37	4.02	3.66	3.25	2.8	2.27	1.7	1.14	0.66	0.3	0.11	0.03	0.006	0.002	74.6	2.56
1.76	1.19	0.7	0.33	0.12	0.03	0.007	0.002	5.19	4.34	3.99	3.64	3.24	2.78	2.26	1.69	1.14	0.66	0.31	0.11	0.03	0.007	0.002	0	2.52
1.75	1.19	0.7	0.34	0.13	0.03	0.007	0.002	5.14	4.31	3.96	3.61	3.21	2.76	2.25	1.69	1.14	0.66	0.31	0.12	0.03	0.007	0.002	0	2.1
1.75	1.2	0.71	0.35	0.13	0.04	0.008	0.001	5.07	4.26	3.91	3.57	3.18	2.74	2.23	1.68	1.14	0.67	0.32	0.12	0.03	0.008	0.001	0	1.58
1.75	1.2	0.71	0.35	0.14	0.04	0.009	0.001	5.01	4.22	3.87	3.53	3.15	2.71	2.21	1.67	1.14	0.67	0.33	0.13	0.03	0.009	0.001	0	2.22
1.74	1.2	0.72	0.36	0.14	0.04	0.01	0.001	4.96	4.18	3.83	3.5	3.12	2.69	2.2	1.67	1.14	0.68	0.34	0.13	0.04	0.009	0.001	0	2.39
1.74	1.2	0.72	0.37	0.15	0.04	0.01	0	4.93	4.15	3.81	3.48	3.1	2.67	2.19	1.66	1.14	0.68	0.34	0.14	0.04	0.009	0	0	2.43
1.74	1.2	0.73	0.37	0.15	0.05	0.01	0.73	0	4.92	4.13	3.79	3.46	3.09	2.66	1.66	1.15	0.69	0.35	0.14	0.04	0.01	0	0	2.39
1.74	1.21	0.73	0.37	0.15	0.05	0.01	0	4.92	4.12	3.78	3.45	3.08	2.66	2.18	1.67	1.15	0.69	0.35	0.14	0.04	0.01	0	0	1.41
1.74	1.21	0.74	0.38	0.15	0.05	0.01	0.001	4.92	4.12	3.78	3.45	3.08	2.65	2.18	1.67	1.16	0.7	0.35	0.14	0.04	0.01	0.001	243	2.31
1.74	1.22	0.74	0.38	0.15	0.05	0.01	0.001	4.93	4.11	3.78	3.44	3.07	2.65	2.18	1.67	1.16	0.7	0.35	0.14	0.05	0.01	0.001	0	2.4
1.74	1.22	0.75	0.38	0.16	0.05	0.01	0.001	4.92	4.09	3.77	3.43	3.06	2.65	2.18	1.68	1.17	0.71	0.36	0.15	0.05	0.01	0.001	0	2.43
1.74	1.23	0.76	0.39	0.16	0.06	0.01	0.001	4.91	4.07	3.75	3.42	3.05	2.64	2.17	1.68	1.17	0.72	0.37	0.15	0.05	0.01	0.001	0	2.27
1.74	1.23	0.77	0.4	0.17	0.06	0.01	0.002	4.88	4.05	3.74	3.4	3.03	2.63	2.17	1.68	1.18	0.73	0.38	0.16	0.06	0.01	0.002	0	1.4
1.74	1.24	0.78	0.42	0.18	0.07	0.01	0.002	4.86	4.03	3.72	3.39	3.02	2.62	2.17	1.68	1.19	0.75	0.39	0.17	0.06	0.01	0.002	0	2.25
1.74	1.25	0.8	0.43	0.19	0.07	0.02	0.003	4.84	4.01	3.7	3.37	3.01	2.61	2.16	1.69	1.21	0.76	0.41	0.18	0.06	0.01	0.003	0	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.87	1.45	1.01	0.61	0.31	0.13	0.04	0.01	5	4.31	3.96	3.64	3.29	2.91	2.49	2.04	1.56	1.08	0.64	0.32	0.13	0.04	0.01	0	1.36
1.88	1.45	1.01	0.61	0.31	0.13	0.04	0.01	5.03	4.32	3.97	3.65	3.3	2.91	2.5	2.05	1.57	1.08	0.64	0.32	0.13	0.04	0.01	0	1.36
1.88	1.45	1.01	0.61	0.31	0.13	0.04	0.01	5.06	4.34	3.98	3.67	3.31	2.92	2.51	2.06	1.57	1.08	0.64	0.32	0.13	0.04	0.01	0	1.54
1.89	1.46	1.01	0.61	0.31	0.13	0.05	0.01	5.09	4.35	3.99	3.68	3.32	2.93	2.51	2.06	1.57	1.08	0.64	0.32	0.13	0.04	0.01	0	2.1
1.9	1.46	1.01	0.61	0.31	0.13	0.05	0.01	5.13	4.36	4.01	3.69	3.33	2.94	2.52	2.06	1.57	1.08	0.64	0.32	0.13	0.04	0.01	0	1.78
1.9	1.46	1.01	0.61	0.31	0.13	0.05	0.01	5.16	4.36	4.01	3.69	3.33	2.94	2.52	2.06	1.57	1.08	0.64	0.32	0.13	0.04	0.01	0	2.06
1.91	1.46	1.01	0.61	0.31	0.13	0.05	0.01	5.17	4.36	4.01	3.69	3.33	2.94	2.52	2.06	1.57	1.07	0.64	0.32	0.13	0.04	0.01	0	2.29
1.91	1.46	1.01	0.61	0.31	0.13	0.04	0.01	5.18	4.36	4.01	3.69	3.32	2.94	2.51	2.05	1.56	1.07	0.64	0.32	0.13	0.04	0.01	0	2.46
1.91	1.47	1.01	0.61	0.31	0.13	0.04	0.01	5.17	4.35	4	3.68	3.32	2.93	2.51	2.05	1.56	1.06	0.63	0.32	0.12	0.04	0.009	0	2.06
1.91	1.47	1.01	0.61	0.31	0.13	0.04	0.009	5.17	4.34	4	3.67	3.31	2.93	2.5	2.04	1.56	1.06	0.63	0.32	0.12	0.04	0.009	0	1.84
1.92	1.47	1.02	0.62	0.31	0.13	0.04	0.009	5.16	4.33	3.99	3.67	3.3	2.92	2.5	2.04	1.55	1.06	0.63	0.32	0.13	0.04	0.009	0	2.2
1.93	1.48	1.02	0.62	0.31	0.13	0.04	0.009	5.15	4.33	3.99	3.66	3.3	2.92	2.5	2.04	1.56	1.06	0.63	0.32	0.13	0.04	0.009	0	2.3
1.94	1.49	1.03	0.62	0.32	0.13	0.04	0.009	5.15	4.34	3.99	3.66	3.3	2.92	2.5	2.04	1.56	1.07	0.64	0.32	0.13	0.04	0.009	0	2.33
1.95	1.5	1.04	0.63	0.32	0.13	0.04	0.01	5.15	4.34	4	3.67	3.31	2.93	2.51	2.05	1.56	1.07	0.64	0.32	0.13	0.04	0.01	0	1.98
1.96	1.51	1.05	0.63	0.32	0.14	0.04	0.01	5.15	4.35	4	3.68	3.32	2.93	2.51	2.06	1.57	1.08	0.64	0.32	0.13	0.04	0.01	0	1.95
1.97	1.52	1.05	0.64	0.33	0.14	0.04	0.01	5.14	4.36	4.01	3.68	3.32	2.94	2.52	2.06	1.58	1.08	0.65	0.32	0.14	0.04	0.009	0	2.21
1.98	1.53	1.06	0.65	0.33	0.14	0.05	0.01	5.13	4.36	4.02	3.69	3.33	2.94	2.53	2.07	1.59	1.09	0.66	0.33	0.14	0.04	0.01	0	2.11
1.99	1.54	1.07	0.66	0.34	0.15	0.05	0.01	5.1	4.35	4.01	3.69	3.33	2.95	2.53	2.08	1.59	1.1	0.66	0.34	0.14	0.04	0.01	0	2.05
2	1.55	1.08	0.66	0.35	0.15	0.05	0.01	5.07	4.34	4.01	3.68	3.33	2.95	2.53	2.08	1.6	1.11	0.67	0.34	0.15	0.05	0.01	61.9	1.96
2.01	1.56	1.1	0.67	0.35	0.15	0.05	0.01	5.03	4.33	4	3.68	3.33	2.95	2.54	2.09	1.61	1.12	0.68	0.35	0.15	0.05	0.01	0	1.39
2.01	1.57	1.11	0.68	0.36	0.16	0.05	0.01	5	4.32	4	3.67	3.32	2.95	2.54	2.09	1.62	1.13	0.69	0.36	0.15	0.05	0.01	0	1.83
2.02	1.58	1.11	0.69	0.37	0.16	0.05	0.01	4.98	4.31	3.99	3.67	3.32	2.95	2.54	2.1	1.63	1.14	0.69	0.36	0.15	0.05	0.01	0	2.23
2.03	1.58	1.12	0.69	0.37	0.16	0.06	0.01	4.98	4.31	3.99	3.68	3.33	2.95	2.55	2.11	1.63	1.15	0.7	0.37	0.16	0.05	0.01	155.8	2.34
2.04	1.59	1.13	0.7	0.37	0.16	0.06	0.01	4.98	4.31	4	3.69	3.34	2.96	2.56	2.11	1.64	1.15	0.7	0.37	0.16	0.05	0.01	0	2.27
2.04	1.6	1.13	0.7	0.37	0.16	0.05	0.01	5	4.32	4.01	3.69	3.35	2.97	2.56	2.12	1.65	1.16	0.71	0.37	0.16	0.05	0.01	0	1.77
2.05	1.6	1.14	0.7	0.37	0.16	0.05	0.01	5.02	4.33	4.02	3.71	3.36	2.98	2.57	2.13	1.65	1.16	0.71	0.37	0.16	0.05	0.01	0	2.09
2.06	1.61	1.14	0.7	0.37	0.16	0.05	0.01	5.04	4.34	4.03	3.72	3.36	2.98	2.57	2.13	1.66	1.16	0.71	0.37	0.15	0.05	0.01	0	2.36
2.06	1.61	1.14	0.71	0.37	0.16	0.05	0.01	5.05	4.35	4.03	3.72	3.37	2.99	2.58	2.13	1.66	1.17	0.71	0.37	0.15	0.05	0.01	0	2.4
2.06	1.61	1.15	0.71	0.37	0.16	0.05	0.01	5.06	4.35	4.03	3.72	3.37	2.99	2.58	2.13	1.66	1.17	0.71	0.36	0.15	0.05	0.01	0	2.09
2.06	1.61	1.15	0.71	0.37	0.16	0.05	0.01	5.06	4.35	4.02	3.71	3.36	2.98	2.57	2.13	1.65	1.16	0.71	0.36	0.15	0.04	0.01	0	1.24
2.06	1.61	1.15	0.71	0.37	0.15	0.05	0.01	5.05	4.34	4.01	3.7	3.35	2.97	2.56	2.12	1.65	1.16	0.71	0.36	0.15	0.04	0.009	0	1.76
2.06	1.61	1.15	0.71	0.37	0.15	0.05	0.01	5.03	4.32	3.99	3.68	3.33	2.95	2.55	2.11	1.64	1.16	0.71	0.36	0.15	0.04	0.01	0	1.99
2.05	1.61	1.14	0.71	0.36	0.15	0.04	0.009	5.02	4.3	3.97	3.66	3.31	2.94	2.53	2.1	1.64	1.15	0.7	0.36	0.14	0.04	0.009	0	1.97
2.05	1.61	1.14	0.71	0.36	0.15	0.04	0.009	5	4.28	3.95	3.64	3.3	2.92	2.52	2.09	1.63	1.15	0.7	0.36	0.14	0.04	0.009	0	1.81
2.05	1.61	1.14	0.7	0.36	0.15	0.04	0.009	4.99	4.27	3.93	3.62	3.28	2.91	2.51	2.08	1.62	1.14	0.7	0.35	0.14	0.04	0.009	0	1.99
2.05	1.61	1.14	0.7	0.36	0.14	0.04	0.009	4.98	4.25	3.91	3.6	3.26	2.89	2.49	2.07	1.61	1.14	0.69	0.35	0.14	0.04	0.009	0	2.1
2.05	1.61	1.14	0.7	0.36	0.14	0.04	0.009	4.96	4.22	3.89	3.58	3.24	2.87	2.48	2.05	1.6	1.13	0.69	0.35	0.14	0.04	0.009	63.4	2.1
2.05	1.61	1.14	0.7	0.36	0.14	0.04	0.009	4.93	4.2	3.86	3.56	3.22	2.85	2.46	2.04	1.59	1.12	0.68	0.35	0.14	0.04	0.009	0	1.42
2.05	1.61	1.14	0.7	0.36	0.14	0.04	0.009	4.9	4.16	3.83	3.53	3.2	2.83	2.45	2.03	1.58	1.11	0.68	0.34	0.13	0.04	0.009	0	2.33
2.05	1.61	1.14	0.7	0.36	0.14	0.04	0.01	4.85	4.12	3.79	3.5	3.17	2.81	2.42	2.01	1.57	1.11	0.67	0.34	0.13	0.04	0.01	0	2.43
2.05	1.61	1.14	0.7	0.36	0.14	0.04	0.01	4.79	4.07	3.75	3.46	3.13	2.78	2.4	2	1.56	1.1	0.67	0.34	0.14	0.04	0.01	0	2.09
2.05	1.61	1.14	0.7	0.36	0.15	0.04	0.01	4.72	4.02	3.69	3.41	3.09	2.74	2.37	1.97	1.55	1.1	0.67	0.35	0.14	0.04	0.009	0	1.38
2.04	1.61	1.15	0.71	0.37	0.15	0.04	0.01	4.64	3.96	3.64	3.36	3.05	2.7	2.34	1.95	1.54	1.09	0.67	0.35	0.14	0.04	0.009	0	1.98
2.04	1.61	1.15	0.72	0.37	0.15	0.05	0.01	4.56	3.89	3.59	3.31	3	2.67	2.31	1.93	1.52	1.09	0.67	0.35	0.14	0.04	0.01	0	1.88
2.04	1.61	1.16	0.72	0.38	0.16	0.05	0.01	4.5	3.83	3.53	3.27	2.96	2.63	2.28	1.91	1.51	1.08	0.68	0.35	0.14	0.04	0.01	0	1.94
2.04	1.61	1.16	0.73	0.38	0.16	0.05	0.01	4.44	3.78	3.49	3.22	2.92	2.6	2.25	1.89	1.49	1.08	0.68	0.35	0.14	0.04	0.01	0	2.2
2.04	1.62	1.17	0.74	0.39	0.16	0.05	0.01	4.39	3.73	3.45	3.18	2.89	2.57	2.22	1.87	1.48	1.07	0.68	0.36	0.15	0.05	0.01	119	2.22
2.04	1.62	1.18	0.75	0.4	0.16	0.06	0.01	4.36	3.68	3.41	3.15	2.86	2.54	2.2	1.85	1.47	1.07	0.68	0.36	0.15	0.05	0.01	0	1.7
2.05	1.63	1.18	0.76	0.4	0.17	0.06	0.01	4.33	3.65	3.38	3.12	2.83	2.52	2.18	1.84	1.46	1.06	0.68	0.36	0.15	0.05	0.01	0	2
2.06	1.64	1.19	0.76	0.41	0.17	0.06	0.01	4.3	3.61	3.34	3.08	2.8	2.49	2.16	1.82	1.45	1.06	0.68	0.36	0.15	0.05	0.01	187.5	2.18
2.07	1.65	1.2	0.77	0.41	0.17	0.06	0.01	4.27	3.58	3.31	3.06	2.78	2.47	2.15	1.81	1.44	1.05	0.68	0.36	0.15	0.05	0.01	0	2.15
2.08	1.65	1.2	0.77	0.41	0.17	0.06	0.01	4.25	3.55	3.28	3.03	2.75	2.45	2.13	1.79	1.43	1.04	0.67	0.36	0.15	0.05	0.01	0	1.9
2.09	1.66	1.21	0.77	0.42	0.18	0.06	0.01	4.23	3.53	3.26	3.01	2.73	2.44	2.12	1.78	1.42	1.04	0.67	0.36	0.15	0.05	0.01	0	1.83
2.1	1.67	1.21	0.77	0.42	0.18	0.06	0.01	4.23	3.52	3.24	2.99	2.72	2.43	2.11	1.77	1.41	1.03	0.66	0.36	0.15	0.05	0.01	0</	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.02	1.54	1.06	0.63	0.3	0.11	0.03	0.009	3.85	3.12	2.87	2.67	2.44	2.18	1.89	1.56	1.2	0.84	0.5	0.24	0.09	0.02	0.009	0	1.78
1.99	1.53	1.05	0.62	0.3	0.11	0.03	0.009	3.84	3.11	2.86	2.66	2.43	2.17	1.88	1.55	1.2	0.83	0.49	0.24	0.09	0.02	0.009	0	1.52
1.97	1.51	1.04	0.61	0.29	0.1	0.03	0.008	3.85	3.11	2.86	2.66	2.43	2.17	1.87	1.55	1.19	0.83	0.49	0.24	0.08	0.02	0.008	0	1.56
1.95	1.49	1.03	0.61	0.29	0.1	0.03	0.008	3.86	3.11	2.85	2.65	2.42	2.16	1.87	1.55	1.19	0.83	0.49	0.23	0.08	0.02	0.008	0	1.77
1.93	1.48	1.02	0.6	0.29	0.1	0.03	0.008	3.88	3.11	2.86	2.66	2.43	2.16	1.87	1.55	1.19	0.83	0.49	0.23	0.08	0.02	0.008	0	2.08
1.91	1.47	1.01	0.6	0.28	0.1	0.03	0.007	3.91	3.12	2.87	2.66	2.43	2.17	1.87	1.55	1.19	0.83	0.49	0.24	0.08	0.02	0.007	0	2.2
1.9	1.46	1.01	0.6	0.28	0.1	0.03	0.007	3.93	3.13	2.88	2.67	2.44	2.18	1.88	1.56	1.2	0.83	0.5	0.24	0.08	0.02	0.007	0	1.77
1.89	1.45	1	0.59	0.28	0.1	0.03	0.006	3.96	3.14	2.9	2.69	2.46	2.19	1.89	1.56	1.21	0.84	0.5	0.24	0.09	0.02	0.006	0	2.14
1.88	1.44	1	0.59	0.28	0.1	0.03	0.006	3.98	3.16	2.91	2.71	2.47	2.2	1.9	1.57	1.21	0.84	0.5	0.24	0.09	0.02	0.006	0	2.27
1.87	1.44	1	0.59	0.29	0.11	0.03	0.006	4.01	3.18	2.94	2.72	2.49	2.22	1.92	1.58	1.22	0.85	0.5	0.24	0.09	0.02	0.006	0	1.85
1.86	1.43	0.99	0.59	0.29	0.11	0.03	0.006	4.03	3.2	2.96	2.74	2.51	2.23	1.93	1.59	1.23	0.86	0.51	0.25	0.09	0.02	0.006	0	2
1.85	1.43	0.99	0.59	0.29	0.11	0.03	0.006	4.05	3.22	2.98	2.76	2.52	2.25	1.95	1.61	1.24	0.86	0.51	0.25	0.09	0.02	0.006	0	2.26
1.84	1.42	0.99	0.59	0.29	0.11	0.03	0.006	4.06	3.24	3	2.78	2.54	2.27	1.96	1.62	1.25	0.87	0.51	0.25	0.09	0.02	0.006	0	1.8
1.83	1.42	0.98	0.58	0.28	0.11	0.03	0.006	4.07	3.26	3.02	2.8	2.56	2.28	1.97	1.63	1.26	0.87	0.52	0.25	0.09	0.02	0.006	0	1.27
1.82	1.41	0.98	0.58	0.28	0.11	0.03	0.006	4.09	3.29	3.04	2.82	2.58	2.3	1.99	1.64	1.27	0.88	0.52	0.25	0.09	0.02	0.006	0	1.67
1.81	1.4	0.97	0.58	0.28	0.11	0.03	0.007	4.09	3.31	3.06	2.84	2.6	2.31	2	1.65	1.27	0.88	0.52	0.25	0.09	0.02	0.007	0	1.46
1.8	1.39	0.97	0.58	0.28	0.11	0.03	0.007	4.1	3.33	3.08	2.86	2.61	2.33	2.01	1.66	1.28	0.89	0.53	0.25	0.09	0.02	0.007	0	1.66
1.79	1.38	0.96	0.57	0.28	0.11	0.03	0.007	4.1	3.34	3.09	2.87	2.63	2.34	2.02	1.67	1.29	0.89	0.53	0.26	0.09	0.02	0.007	0	2.12
1.78	1.38	0.96	0.57	0.28	0.11	0.03	0.007	4.1	3.36	3.11	2.89	2.64	2.36	2.03	1.68	1.29	0.9	0.53	0.26	0.09	0.02	0.007	0	1.92
1.78	1.37	0.96	0.58	0.28	0.11	0.03	0.007	4.11	3.38	3.13	2.91	2.66	2.37	2.05	1.69	1.3	0.9	0.54	0.26	0.1	0.02	0.007	0	1.45
1.77	1.37	0.96	0.58	0.28	0.11	0.03	0.007	4.12	3.39	3.15	2.93	2.68	2.39	2.06	1.71	1.31	0.91	0.55	0.26	0.1	0.02	0.007	0	2.14
1.76	1.37	0.95	0.58	0.28	0.1	0.03	0.007	4.14	3.41	3.17	2.94	2.7	2.41	2.08	1.72	1.32	0.92	0.55	0.27	0.1	0.02	0.007	0	2.33
1.76	1.36	0.95	0.58	0.28	0.1	0.03	0.007	4.15	3.43	3.19	2.96	2.72	2.42	2.09	1.73	1.33	0.93	0.55	0.27	0.1	0.02	0.007	0	2.09
1.76	1.36	0.95	0.57	0.28	0.1	0.03	0.006	4.17	3.46	3.22	2.98	2.74	2.44	2.11	1.74	1.34	0.93	0.56	0.27	0.1	0.02	0.006	0	1.64
1.75	1.36	0.95	0.57	0.28	0.1	0.02	0.006	4.2	3.48	3.24	3.01	2.76	2.46	2.12	1.76	1.36	0.94	0.56	0.27	0.1	0.02	0.006	0	2.1
1.75	1.36	0.95	0.57	0.28	0.1	0.02	0.006	4.22	3.51	3.27	3.03	2.78	2.48	2.14	1.77	1.37	0.95	0.57	0.27	0.09	0.02	0.006	0	2.35
1.75	1.35	0.95	0.57	0.28	0.1	0.02	0.006	4.25	3.53	3.3	3.06	2.81	2.5	2.16	1.79	1.38	0.95	0.57	0.27	0.09	0.02	0.006	0	2.14
1.74	1.35	0.94	0.57	0.28	0.1	0.02	0.006	4.27	3.56	3.33	3.09	2.83	2.52	2.18	1.8	1.39	0.96	0.57	0.28	0.09	0.02	0.006	0	1.45
1.74	1.35	0.94	0.57	0.28	0.1	0.02	0.006	4.3	3.59	3.35	3.12	2.86	2.55	2.2	1.82	1.4	0.97	0.58	0.28	0.1	0.02	0.006	0	1.85
1.74	1.35	0.94	0.57	0.28	0.1	0.02	0.006	4.32	3.63	3.38	3.15	2.89	2.57	2.22	1.84	1.42	0.98	0.58	0.28	0.1	0.02	0.006	0	2
1.74	1.35	0.94	0.56	0.28	0.1	0.02	0.006	4.34	3.66	3.42	3.18	2.92	2.6	2.25	1.86	1.43	0.99	0.58	0.28	0.1	0.02	0.006	0	2
1.74	1.35	0.94	0.56	0.28	0.1	0.02	0.006	4.35	3.69	3.44	3.21	2.94	2.62	2.27	1.87	1.44	0.99	0.59	0.28	0.1	0.02	0.006	0	1.34
1.73	1.34	0.93	0.56	0.28	0.1	0.02	0.006	4.37	3.73	3.47	3.24	2.97	2.65	2.29	1.89	1.45	1	0.59	0.29	0.1	0.02	0.006	0	2.29
1.73	1.34	0.93	0.56	0.28	0.1	0.03	0.007	4.38	3.76	3.5	3.27	3	2.68	2.31	1.91	1.46	1.01	0.59	0.29	0.1	0.02	0.007	0	2.43
1.73	1.34	0.93	0.56	0.28	0.1	0.03	0.007	4.39	3.79	3.54	3.31	3.03	2.7	2.34	1.92	1.48	1.01	0.6	0.29	0.1	0.03	0.007	0	2.28
1.73	1.34	0.93	0.56	0.28	0.1	0.03	0.007	4.41	3.83	3.57	3.34	3.06	2.73	2.36	1.94	1.49	1.02	0.6	0.29	0.1	0.03	0.007	0	1.8
1.73	1.34	0.93	0.56	0.28	0.1	0.03	0.008	4.44	3.87	3.61	3.38	3.1	2.77	2.39	1.96	1.5	1.03	0.61	0.29	0.11	0.03	0.008	0	2.44
1.73	1.34	0.93	0.55	0.27	0.1	0.03	0.008	4.47	3.91	3.65	3.42	3.14	2.8	2.42	1.98	1.52	1.04	0.61	0.29	0.11	0.03	0.008	0	2.53
1.74	1.34	0.93	0.55	0.27	0.1	0.02	0.008	4.52	3.97	3.71	3.47	3.18	2.84	2.45	2.01	1.53	1.04	0.61	0.29	0.11	0.02	0.008	0	2.46
1.75	1.34	0.93	0.55	0.27	0.1	0.02	0.008	4.57	4.02	3.76	3.53	3.23	2.89	2.49	2.04	1.55	1.05	0.61	0.29	0.1	0.02	0.008	0	1.5
1.76	1.35	0.93	0.55	0.27	0.1	0.02	0.008	4.64	4.08	3.83	3.58	3.28	2.93	2.53	2.06	1.57	1.06	0.61	0.29	0.1	0.02	0.008	0	2.06
1.77	1.36	0.93	0.55	0.26	0.1	0.02	0.008	4.69	4.14	3.89	3.64	3.34	2.98	2.56	2.09	1.59	1.07	0.61	0.29	0.1	0.02	0.008	0	2.27
1.78	1.37	0.94	0.54	0.26	0.1	0.02	0.007	4.74	4.19	3.94	3.69	3.38	3.02	2.6	2.12	1.6	1.08	0.61	0.29	0.1	0.02	0.007	0	2.29
1.79	1.37	0.94	0.54	0.26	0.09	0.02	0.007	4.78	4.24	3.99	3.73	3.42	3.06	2.63	2.14	1.62	1.09	0.62	0.29	0.1	0.02	0.007	99.5	2.18
1.8	1.38	0.94	0.54	0.26	0.09	0.02	0.007	4.79	4.27	4.02	3.76	3.45	3.09	2.65	2.16	1.63	1.1	0.62	0.29	0.1	0.02	0.007	0	1.96
1.81	1.38	0.95	0.55	0.26	0.09	0.02	0.007	4.8	4.29	4.05	3.78	3.48	3.11	2.67	2.18	1.64	1.1	0.62	0.29	0.1	0.02	0.007	0	1.36
1.82	1.39	0.95	0.55	0.26	0.09	0.02	0.007	4.81	4.3	4.06	3.8	3.5	3.13	2.69	2.19	1.66	1.11	0.63	0.29	0.1	0.02	0.007	0	1.73
1.83	1.4	0.96	0.55	0.27	0.09	0.02	0.007	4.82	4.32	4.08	3.82	3.52	3.15	2.71	2.21	1.67	1.12	0.63	0.29	0.1	0.02	0.007	0	2.01
1.84	1.41	0.97	0.56	0.27	0.09	0.02	0.007	4.83	4.35	4.1	3.84	3.54	3.17	2.73	2.23	1.68	1.13	0.64	0.3	0.1	0.02	0.007	0	2.23
1.86	1.42	0.98	0.56	0.27	0.09	0.02	0.007	4.86	4.38	4.12	3.87	3.56	3.19	2.75	2.25	1.7	1.14	0.64	0.3	0.1	0.02	0.007	0	2.2
1.88	1.44	0.99	0.57	0.27	0.1	0.02	0.008	4.89	4.42	4.15	3.9	3.59	3.21	2.77	2.27	1.72	1.15	0.65	0.3	0.1	0.02	0.008	0	2.09
1.9	1.45	1	0.58	0.28	0.1	0.02	0.008	4.92	4.45	4.17	3.92	3.61	3.24	2.79	2.28	1.73	1.17	0.66	0.31	0.11	0.02	0.008	0	1.47
1.91	1.47	1.01	0.59	0.28	0.1	0.02	0.009	4.94	4.48	4.2	3.95	3.63	3.26	2.81	2.3	1.74	1.18	0.67	0.31	0.11	0.02	0.009	0	2.38
1.93	1.48	1.02	0.6	0.29	0.11	0.02	0.01	4.96	4.5	4.21	3.96	3.64	3.27	2.82	2.31	1.75	1.19	0.68	0.31	0.11	0.0			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.36	1.84	1.29	0.78	0.39	0.15	0.04	0.01	5.04	4.47	4.22	3.96	3.66	3.29	2.86	2.37	1.84	1.29	0.77	0.38	0.14	0.04	0.009	0	2.13
2.36	1.83	1.29	0.77	0.39	0.15	0.04	0.01	5.04	4.47	4.23	3.97	3.66	3.3	2.86	2.37	1.84	1.28	0.76	0.37	0.14	0.04	0.009	0	1.73
2.35	1.83	1.28	0.77	0.38	0.15	0.04	0.01	5.04	4.48	4.23	3.97	3.66	3.3	2.86	2.36	1.83	1.27	0.76	0.37	0.14	0.04	0.009	0	1.95
2.34	1.82	1.27	0.76	0.38	0.15	0.04	0.01	5.03	4.48	4.23	3.97	3.66	3.29	2.85	2.36	1.82	1.26	0.75	0.37	0.14	0.04	0.009	0	2.29
2.33	1.81	1.26	0.76	0.38	0.14	0.04	0.01	5.01	4.47	4.22	3.96	3.65	3.28	2.84	2.35	1.81	1.25	0.75	0.36	0.14	0.04	0.009	0	2.32
2.31	1.79	1.25	0.75	0.37	0.14	0.04	0.01	4.99	4.46	4.21	3.95	3.64	3.27	2.83	2.33	1.8	1.24	0.74	0.36	0.13	0.04	0.009	0	2.03
2.3	1.77	1.23	0.74	0.36	0.14	0.04	0.01	4.97	4.45	4.2	3.94	3.62	3.25	2.81	2.31	1.78	1.23	0.73	0.35	0.13	0.04	0.009	0	1.45
2.27	1.75	1.22	0.73	0.36	0.13	0.04	0.01	4.95	4.44	4.19	3.93	3.61	3.24	2.8	2.3	1.76	1.21	0.72	0.34	0.13	0.04	0.009	0	2.28
2.26	1.74	1.2	0.72	0.35	0.13	0.04	0.01	4.94	4.44	4.2	3.93	3.61	3.24	2.79	2.29	1.75	1.2	0.71	0.34	0.12	0.03	0.009	0	2.5
2.24	1.72	1.19	0.7	0.34	0.13	0.04	0.01	4.95	4.45	4.21	3.94	3.62	3.24	2.79	2.28	1.74	1.19	0.7	0.33	0.12	0.03	0.009	0	2.3
2.23	1.71	1.17	0.69	0.33	0.12	0.03	0.01	4.97	4.48	4.23	3.96	3.64	3.25	2.8	2.28	1.73	1.18	0.69	0.32	0.12	0.03	0.009	62.3	1.29
2.22	1.69	1.15	0.68	0.32	0.12	0.03	0.01	5	4.5	4.26	3.98	3.66	3.27	2.8	2.28	1.73	1.17	0.67	0.31	0.11	0.03	0.009	0	1.76
2.21	1.68	1.14	0.66	0.31	0.11	0.03	0.01	5.04	4.54	4.29	4.01	3.68	3.29	2.82	2.28	1.72	1.15	0.66	0.31	0.11	0.03	0.01	0	1.88
2.2	1.66	1.12	0.65	0.3	0.11	0.03	0.009	5.08	4.57	4.32	4.04	3.7	3.3	2.83	2.29	1.71	1.14	0.65	0.3	0.1	0.03	0.009	0	1.86
2.19	1.65	1.1	0.63	0.29	0.1	0.03	0.009	5.11	4.6	4.35	4.06	3.72	3.32	2.84	2.29	1.71	1.13	0.63	0.29	0.1	0.02	0.009	0	2.08
2.18	1.63	1.09	0.61	0.28	0.1	0.02	0.009	5.14	4.62	4.37	4.08	3.74	3.33	2.85	2.29	1.7	1.12	0.62	0.28	0.09	0.02	0.009	0	2.16
2.16	1.62	1.07	0.6	0.27	0.09	0.02	0.008	5.15	4.65	4.38	4.09	3.75	3.34	2.85	2.29	1.7	1.11	0.61	0.27	0.09	0.02	0.008	0	2.07
2.15	1.6	1.05	0.58	0.26	0.09	0.02	0.008	5.16	4.67	4.4	4.1	3.76	3.35	2.86	2.29	1.7	1.1	0.6	0.26	0.08	0.02	0.008	0	1.77
2.14	1.59	1.04	0.57	0.25	0.08	0.02	0.008	5.17	4.69	4.41	4.12	3.78	3.36	2.87	2.3	1.7	1.09	0.59	0.25	0.08	0.01	0.008	0	2.24
2.13	1.59	1.04	0.56	0.25	0.08	0.01	0.008	5.18	4.7	4.42	4.13	3.79	3.37	2.88	2.31	1.7	1.09	0.58	0.25	0.08	0.01	0.008	0	2.14
2.13	1.58	1.03	0.56	0.24	0.08	0.01	0.007	5.18	4.72	4.43	4.14	3.8	3.38	2.89	2.31	1.7	1.09	0.58	0.24	0.07	0.01	0.007	0	1.99
2.12	1.58	1.03	0.55	0.24	0.08	0.01	0.008	5.19	4.73	4.44	4.15	3.81	3.39	2.9	2.32	1.71	1.09	0.58	0.24	0.07	0.01	0.008	0	1.56
2.12	1.58	1.03	0.55	0.24	0.07	0.01	0.008	5.19	4.75	4.44	4.16	3.82	3.4	2.91	2.33	1.72	1.1	0.58	0.24	0.07	0.01	0.008	69.3	1.64
2.12	1.57	1.03	0.55	0.23	0.07	0.01	0.008	5.2	4.75	4.45	4.17	3.82	3.41	2.91	2.34	1.72	1.1	0.58	0.24	0.07	0.01	0.008	0	2.07
2.11	1.57	1.03	0.55	0.23	0.07	0.01	0.008	5.21	4.76	4.45	4.17	3.83	3.42	2.92	2.35	1.73	1.11	0.58	0.24	0.07	0.01	0.008	0	1.84
2.11	1.58	1.03	0.56	0.23	0.07	0.01	0.008	5.22	4.76	4.46	4.18	3.84	3.42	2.93	2.36	1.74	1.12	0.59	0.24	0.07	0.01	0.008	0	1.76
2.11	1.58	1.03	0.56	0.23	0.07	0.01	0.009	5.23	4.77	4.47	4.19	3.84	3.43	2.94	2.37	1.75	1.13	0.59	0.24	0.07	0.01	0.009	0	2.3
2.11	1.58	1.04	0.56	0.23	0.07	0.01	0.009	5.24	4.77	4.47	4.19	3.85	3.43	2.94	2.38	1.76	1.13	0.6	0.24	0.07	0.01	0.009	0	2.19
2.11	1.58	1.04	0.56	0.24	0.07	0.01	0.009	5.25	4.78	4.48	4.2	3.86	3.44	2.95	2.38	1.76	1.14	0.61	0.24	0.07	0.01	0.009	0	1.72
2.11	1.58	1.04	0.57	0.24	0.07	0.01	0.009	5.26	4.78	4.49	4.21	3.87	3.45	2.96	2.39	1.77	1.15	0.61	0.25	0.07	0.01	0.009	164.2	2.14
2.11	1.58	1.05	0.57	0.24	0.08	0.01	0.008	5.27	4.79	4.51	4.21	3.87	3.45	2.96	2.4	1.78	1.16	0.62	0.25	0.08	0.01	0.008	98.7	2.35
2.11	1.59	1.05	0.58	0.25	0.08	0.02	0.007	5.27	4.8	4.51	4.22	3.88	3.46	2.97	2.4	1.79	1.16	0.62	0.26	0.08	0.01	0.007	0	2.22
2.11	1.59	1.05	0.58	0.25	0.08	0.02	0.007	5.28	4.8	4.52	4.23	3.89	3.47	2.98	2.41	1.79	1.17	0.63	0.26	0.08	0.02	0.007	0	1.75
2.11	1.59	1.05	0.59	0.26	0.08	0.02	0.006	5.28	4.8	4.53	4.23	3.89	3.47	2.98	2.41	1.8	1.17	0.64	0.27	0.08	0.02	0.006	0	1.51
2.11	1.59	1.06	0.59	0.26	0.08	0.02	0.006	5.28	4.81	4.54	4.24	3.9	3.48	2.99	2.42	1.8	1.18	0.65	0.28	0.08	0.02	0.006	0	1.95
2.11	1.59	1.06	0.6	0.27	0.09	0.02	0.006	5.29	4.81	4.55	4.25	3.9	3.49	3	2.43	1.81	1.19	0.66	0.29	0.09	0.02	0.006	0	2.05
2.12	1.6	1.07	0.61	0.28	0.09	0.02	0.006	5.3	4.82	4.56	4.26	3.92	3.5	3.01	2.44	1.82	1.2	0.67	0.3	0.09	0.02	0.006	0	1.65
2.13	1.6	1.08	0.61	0.28	0.09	0.02	0.006	5.33	4.85	4.58	4.28	3.94	3.52	3.02	2.45	1.83	1.21	0.68	0.3	0.1	0.02	0.006	0	1.49
2.15	1.62	1.09	0.62	0.29	0.1	0.03	0.006	5.37	4.88	4.61	4.32	3.97	3.55	3.05	2.47	1.84	1.22	0.68	0.31	0.1	0.03	0.006	0	1.86
2.17	1.64	1.1	0.63	0.29	0.1	0.03	0.005	5.41	4.92	4.65	4.35	4	3.58	3.08	2.49	1.86	1.23	0.69	0.31	0.1	0.03	0.005	0	2.07
2.19	1.65	1.11	0.63	0.29	0.1	0.03	0.005	5.45	4.96	4.68	4.38	4.03	3.61	3.1	2.51	1.87	1.24	0.69	0.31	0.1	0.03	0.005	0	1.67
2.21	1.67	1.12	0.64	0.29	0.1	0.02	0.005	5.49	4.99	4.71	4.41	4.06	3.64	3.12	2.53	1.89	1.25	0.7	0.31	0.1	0.02	0.005	0	1.79
2.23	1.68	1.13	0.64	0.29	0.1	0.02	0.005	5.52	5.02	4.73	4.43	4.08	3.65	3.14	2.54	1.89	1.25	0.7	0.31	0.1	0.02	0.005	0	2.22
2.25	1.7	1.13	0.64	0.29	0.09	0.02	0.005	5.53	5.03	4.74	4.45	4.09	3.66	3.15	2.55	1.9	1.25	0.69	0.31	0.1	0.02	0.005	0	2.31
2.27	1.71	1.14	0.64	0.29	0.09	0.02	0.005	5.53	5.04	4.74	4.45	4.09	3.67	3.15	2.55	1.9	1.26	0.69	0.3	0.1	0.02	0.005	0	1.95
2.29	1.72	1.15	0.64	0.29	0.09	0.02	0.005	5.53	5.04	4.74	4.45	4.09	3.67	3.15	2.56	1.9	1.26	0.69	0.3	0.1	0.02	0.005	0	1.54
2.3	1.73	1.16	0.65	0.29	0.09	0.02	0.005	5.52	5.04	4.74	4.45	4.09	3.67	3.15	2.56	1.91	1.26	0.69	0.3	0.1	0.02	0.005	0	1.6
2.32	1.75	1.17	0.65	0.29	0.09	0.02	0.005	5.52	5.04	4.74	4.45	4.09	3.67	3.15	2.56	1.91	1.26	0.69	0.3	0.1	0.02	0.005	0	1.72
2.35	1.77	1.18	0.66	0.29	0.09	0.02	0.005	5.52	5.05	4.75	4.46	4.1	3.67	3.16	2.56	1.92	1.27	0.7	0.3	0.1	0.02	0.005	0	2.03
2.38	1.79	1.2	0.67	0.29	0.09	0.02	0.004	5.53	5.05	4.76	4.46	4.1	3.68	3.16	2.57	1.92	1.27	0.7	0.3	0.1	0.02	0.004	0	2.26
2.41	1.82	1.22	0.68	0.29	0.1	0.02	0.004	5.55	5.07	4.77	4.47	4.11	3.69	3.17	2.58	1.93	1.28	0.7	0.3	0.1	0.02	0.004	0	1.69
2.44	1.84	1.24	0.69	0.3	0.1	0.02	0.004	5.56	5.08	4.78	4.48	4.12	3.69	3.18	2.59	1.95	1.29	0.71	0.3	0.1	0.02	0.004	0	2.06
2.47	1.87	1.26	0.7	0.3	0.1	0.02	0.004	5.57	5.09	4.79	4.49	4.13	3.7	3.19	2.6	1.96	1.3	0.72	0.3	0.1	0.02	0.004	0	2.35
2.5	1.9	1.28	0.71	0.3	0.1	0.02	0.004	5.57	5.09	4.79	4.49	4.13	3.7	3.19	2.61	1.97	1.31	0.73						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
2.96	2.18	1.41	0.75	0.3	0.09	0.02	0.009	5.56	5.1	4.79	4.46	4.07	3.6	3.06	2.45	1.82	1.19	0.64	0.26	0.07	0.02	0.009	0	1.45	
2.97	2.18	1.41	0.74	0.3	0.08	0.02	0.009	5.59	5.13	4.82	4.49	4.09	3.62	3.07	2.46	1.82	1.18	0.63	0.25	0.07	0.01	0.009	0	1.44	
2.98	2.18	1.4	0.73	0.29	0.08	0.02	0.009	5.63	5.16	4.85	4.52	4.12	3.65	3.09	2.47	1.82	1.18	0.62	0.25	0.07	0.01	0.009	0	1.58	
2.99	2.18	1.4	0.73	0.28	0.07	0.02	0.01	5.66	5.19	4.88	4.55	4.15	3.67	3.1	2.47	1.82	1.17	0.61	0.24	0.06	0.01	0.01	0	1.72	
3	2.18	1.39	0.72	0.28	0.07	0.02	0.009	5.68	5.22	4.9	4.57	4.17	3.68	3.11	2.48	1.81	1.16	0.61	0.24	0.06	0.01	0.009	0	2.06	
3	2.18	1.38	0.72	0.28	0.07	0.02	0.009	5.7	5.23	4.92	4.58	4.18	3.69	3.12	2.48	1.81	1.16	0.6	0.24	0.06	0.01	0.009	0	2.06	
2.99	2.17	1.38	0.71	0.28	0.07	0.01	0.009	5.71	5.24	4.93	4.59	4.19	3.7	3.12	2.47	1.8	1.15	0.6	0.24	0.06	0.01	0.009	0	1.68	
2.98	2.16	1.37	0.71	0.28	0.08	0.01	0.008	5.71	5.25	4.93	4.6	4.19	3.7	3.12	2.47	1.8	1.15	0.6	0.24	0.06	0.01	0.008	0	1.36	
2.98	2.15	1.37	0.71	0.28	0.08	0.01	0.008	5.71	5.25	4.94	4.6	4.19	3.7	3.12	2.47	1.79	1.14	0.6	0.24	0.06	0.01	0.008	0	1.03	
2.97	2.15	1.36	0.71	0.28	0.08	0.01	0.008	5.71	5.26	4.94	4.61	4.2	3.71	3.12	2.47	1.79	1.14	0.6	0.24	0.06	0.01	0.008	0	1.34	
2.97	2.14	1.36	0.71	0.28	0.08	0.01	0.008	5.71	5.25	4.94	4.61	4.2	3.71	3.12	2.46	1.79	1.14	0.6	0.23	0.06	0.01	0.008	0	1.95	
2.96	2.14	1.36	0.7	0.27	0.07	0.01	0.008	5.71	5.25	4.95	4.61	4.2	3.71	3.12	2.46	1.79	1.14	0.59	0.23	0.06	0.01	0.008	0	2.21	
2.96	2.14	1.35	0.7	0.27	0.07	0.01	0.008	5.72	5.25	4.95	4.62	4.21	3.72	3.13	2.47	1.79	1.14	0.59	0.23	0.06	0.01	0.008	0	2.38	
2.96	2.14	1.35	0.69	0.27	0.07	0.01	0.008	5.72	5.25	4.95	4.62	4.21	3.72	3.13	2.47	1.79	1.14	0.59	0.23	0.06	0.01	0.008	0	2.11	
2.97	2.14	1.35	0.69	0.26	0.07	0.01	0.008	5.73	5.25	4.95	4.62	4.22	3.73	3.14	2.47	1.79	1.14	0.58	0.22	0.06	0.01	0.008	0	1.48	
2.97	2.14	1.35	0.69	0.26	0.07	0.01	0.008	5.73	5.25	4.96	4.63	4.22	3.73	3.14	2.48	1.8	1.14	0.58	0.22	0.05	0.01	0.008	0	2.21	
2.97	2.14	1.35	0.69	0.25	0.06	0.01	0.008	5.72	5.24	4.95	4.62	4.22	3.74	3.15	2.49	1.81	1.15	0.58	0.22	0.05	0.01	0.008	0	2.42	
2.96	2.14	1.35	0.69	0.25	0.06	0.01	0.008	5.7	5.23	4.94	4.62	4.22	3.74	3.15	2.5	1.81	1.15	0.59	0.22	0.05	0.01	0.008	0	2.4	
2.95	2.13	1.35	0.69	0.25	0.06	0.01	0.008	5.67	5.21	4.92	4.6	4.21	3.73	3.15	2.5	1.82	1.15	0.59	0.22	0.05	0.01	0.008	0	2.31	
2.93	2.12	1.34	0.69	0.25	0.06	0.01	0.007	5.63	5.19	4.9	4.58	4.19	3.72	3.14	2.49	1.82	1.16	0.59	0.22	0.05	0.01	0.007	0	1.32	
2.9	2.11	1.33	0.68	0.25	0.06	0.01	0.007	5.59	5.16	4.87	4.56	4.17	3.7	3.13	2.49	1.81	1.15	0.59	0.22	0.05	0.01	0.007	0	2.23	
2.87	2.09	1.32	0.68	0.25	0.06	0.01	0.007	5.56	5.13	4.84	4.53	4.15	3.68	3.12	2.48	1.81	1.15	0.59	0.22	0.05	0.01	0.007	0	2.39	
2.85	2.08	1.32	0.68	0.25	0.07	0.01	0.007	5.53	5.11	4.82	4.52	4.13	3.67	3.11	2.48	1.81	1.15	0.59	0.22	0.06	0.01	0.007	0	2.29	
2.83	2.06	1.31	0.67	0.25	0.07	0.01	0.007	5.53	5.1	4.81	4.51	4.13	3.66	3.11	2.48	1.81	1.15	0.59	0.22	0.06	0.01	0.007	0	2.1	
2.81	2.05	1.3	0.66	0.25	0.07	0.01	0.007	5.53	5.1	4.82	4.51	4.13	3.66	3.11	2.48	1.81	1.15	0.59	0.22	0.06	0.01	0.007	0	1.68	
2.8	2.04	1.29	0.66	0.25	0.06	0.01	0.007	5.55	5.11	4.82	4.51	4.13	3.67	3.11	2.48	1.81	1.15	0.59	0.22	0.06	0.01	0.007	0	2.01	
2.78	2.02	1.28	0.65	0.25	0.06	0.01	0.007	5.57	5.12	4.83	4.52	4.14	3.67	3.11	2.48	1.81	1.15	0.58	0.22	0.06	0.01	0.007	0	1.96	
2.75	2	1.26	0.64	0.24	0.06	0.01	0.007	5.59	5.13	4.84	4.53	4.14	3.68	3.11	2.48	1.8	1.14	0.57	0.21	0.05	0.01	0.007	0	1.35	
2.72	1.97	1.24	0.62	0.23	0.06	0.01	0.006	5.6	5.14	4.85	4.54	4.15	3.68	3.11	2.47	1.79	1.12	0.56	0.21	0.05	0.01	0.006	0	1.24	
2.68	1.94	1.21	0.61	0.23	0.06	0.01	0.006	5.61	5.15	4.85	4.54	4.14	3.67	3.1	2.45	1.77	1.11	0.55	0.2	0.05	0.01	0.006	0	1.75	
2.64	1.9	1.18	0.59	0.22	0.06	0.01	0.005	5.61	5.15	4.85	4.53	4.13	3.66	3.08	2.43	1.75	1.09	0.54	0.2	0.05	0.01	0.005	0	2.01	
2.59	1.85	1.15	0.57	0.21	0.05	0.01	0.003	5.6	5.14	4.84	4.52	4.12	3.64	3.06	2.4	1.72	1.06	0.52	0.19	0.05	0.01	0.003	0	1.93	
2.54	1.81	1.12	0.55	0.2	0.05	0.01	0.002	5.6	5.15	4.84	4.52	4.11	3.63	3.04	2.38	1.69	1.04	0.51	0.19	0.05	0.01	0.002	0	1.88	
2.49	1.77	1.08	0.53	0.2	0.05	0.01	0.001	5.6	5.15	4.84	4.51	4.11	3.61	3.02	2.35	1.66	1.02	0.49	0.18	0.04	0.01	0.001	0	2.18	
2.45	1.73	1.05	0.51	0.19	0.05	0.01	0.001	5.61	5.15	4.84	4.51	4.1	3.6	3	2.32	1.64	0.99	0.48	0.17	0.04	0.01	0.001	0	2.28	
2.41	1.69	1.02	0.5	0.18	0.05	0.01	0	5.63	5.17	4.85	4.52	4.1	3.59	2.98	2.3	1.61	0.97	0.47	0.17	0.04	0.01	0	0	2.14	
2.38	1.66	1	0.48	0.17	0.05	0	0	5.65	5.19	4.86	4.52	4.11	3.59	2.97	2.28	1.59	0.95	0.45	0.16	0.04	0	0	0	1.72	
2.35	1.63	0.97	0.46	0.16	0.04	0	0	5.68	5.21	4.88	4.54	4.12	3.6	2.97	2.27	1.57	0.93	0.44	0.15	0.04	0	0	0	1.85	
2.33	1.61	0.95	0.45	0.16	0.04	0	0	5.71	5.24	4.9	4.56	4.13	3.6	2.96	2.26	1.55	0.91	0.43	0.15	0.03	0	0	0	2.14	
2.31	1.59	0.93	0.44	0.15	0.04	0	0	5.74	5.26	4.92	4.57	4.14	3.61	2.96	2.25	1.54	0.9	0.42	0.14	0.03	0	0	0	2.18	
2.29	1.57	0.92	0.43	0.15	0.04	0	0	5.76	5.29	4.94	4.59	4.15	3.61	2.96	2.24	1.53	0.89	0.41	0.14	0.03	0	0	0	1.79	
2.27	1.55	0.91	0.42	0.15	0.04	0	0	5.79	5.31	4.96	4.61	4.16	3.62	2.96	2.24	1.52	0.88	0.41	0.14	0.03	0	0	0	1.3	
2.26	1.54	0.9	0.42	0.15	0.04	0	0	5.81	5.33	4.98	4.62	4.17	3.63	2.96	2.24	1.52	0.88	0.41	0.14	0.03	0	0	0	1.78	
2.25	1.53	0.89	0.42	0.15	0.04	0	0	5.83	5.35	5	4.64	4.19	3.63	2.97	2.24	1.51	0.88	0.41	0.14	0.04	0	64.9	0	1.39	
2.24	1.52	0.89	0.42	0.16	0.04	0	0	5.84	5.37	5.02	4.66	4.2	3.64	2.97	2.24	1.51	0.88	0.41	0.15	0.04	0	0	0	1.53	
2.23	1.52	0.89	0.42	0.16	0.04	0	0	5.86	5.38	5.03	4.67	4.21	3.65	2.98	2.24	1.51	0.88	0.41	0.15	0.04	0	0	0	1.98	
2.23	1.51	0.89	0.43	0.16	0.04	0.001	0.001	5.87	5.4	5.05	4.68	4.22	3.66	2.98	2.24	1.51	0.88	0.42	0.16	0.04	0.001	0	0	1.53	
2.22	1.51	0.89	0.43	0.17	0.05	0.001	0.001	5.89	5.41	5.07	4.7	4.24	3.67	2.99	2.25	1.52	0.89	0.43	0.16	0.04	0.001	0	0	1.94	
2.23	1.52	0.9	0.44	0.17	0.05	0.001	0.001	5.91	5.43	5.09	4.72	4.25	3.68	3.01	2.26	1.53	0.9	0.44	0.17	0.05	0.01	0	0	2.26	
2.23	1.53	0.91	0.45	0.18	0.05	0.002	0.002	5.93	5.45	5.11	4.74	4.27	3.7	3.02	2.28	1.55	0.92	0.45	0.18	0.05	0.002	0	0	1.83	
2.25	1.55	0.93	0.47	0.19	0.06	0.001	0.001	5.95	5.48	5.13	4.76	4.29	3.73	3.05	2.3	1.58	0.94	0.47	0.19	0.06	0.001	0	0	2.05	
2.27	1.57	0.95	0.49	0.2	0.07	0	0	5.97	5.5	5.15	4.78	4.32	3.75	3.07	2.33	1.6	0.96	0.49	0.2	0.06	0	0	0	2.46	
2.29	1.6	0.98	0.51	0.21	0.07	0.02	0	6	5.52	5.17	4.81	4.34	3.77	3.1	2.36	1.63	0.99	0.5	0.21	0.07	0.02	0	0	2.09	
2.31	1.62	1	0.52	0.23	0.08	0.02	0.001	6.02	5.55	5.2	4.83	4.37	3.8	3.13	2.39	1.66	1.02	0.53	0.22	0.07	0.02	0.001	0	0	1.36
2.34	1.65	1.03	0.54	0.24	0.08	0.02	0.002	6.05																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.45	1.71	1.07	0.61	0.32	0.16	0.06	0.02	6.48	5.99	5.62	5.25	4.77	4.17	3.42	2.59	1.79	1.11	0.62	0.32	0.16	0.06	0.02	0	2.36
2.48	1.73	1.08	0.61	0.32	0.15	0.06	0.02	6.49	6	5.63	5.26	4.79	4.18	3.44	2.61	1.8	1.12	0.62	0.32	0.15	0.06	0.02	0	2.33
2.5	1.75	1.09	0.61	0.32	0.15	0.06	0.02	6.51	6.02	5.64	5.28	4.8	4.2	3.46	2.63	1.82	1.13	0.62	0.32	0.15	0.06	0.02	0	1.93
2.53	1.77	1.11	0.61	0.31	0.15	0.05	0.02	6.52	6.03	5.66	5.29	4.82	4.22	3.48	2.65	1.84	1.14	0.62	0.32	0.14	0.05	0.02	0	1.57
2.55	1.79	1.12	0.62	0.31	0.14	0.05	0.02	6.53	6.04	5.67	5.3	4.83	4.23	3.5	2.68	1.86	1.15	0.63	0.31	0.14	0.05	0.01	0	2.35
2.57	1.8	1.13	0.62	0.31	0.14	0.05	0.01	6.54	6.03	5.67	5.3	4.83	4.24	3.52	2.69	1.88	1.17	0.63	0.31	0.14	0.05	0.01	0	2.52
2.58	1.82	1.14	0.63	0.31	0.14	0.05	0.01	6.53	6.03	5.66	5.3	4.83	4.25	3.53	2.71	1.89	1.18	0.64	0.31	0.14	0.05	0.01	0	2.4
2.6	1.83	1.16	0.64	0.32	0.14	0.05	0.01	6.51	6.01	5.65	5.29	4.83	4.25	3.53	2.72	1.9	1.19	0.65	0.32	0.14	0.05	0.01	0	2.03
2.6	1.84	1.17	0.65	0.32	0.14	0.05	0.01	6.49	6	5.64	5.28	4.82	4.25	3.53	2.72	1.91	1.2	0.66	0.32	0.14	0.05	0.01	0	2.09
2.61	1.85	1.18	0.66	0.33	0.15	0.05	0.01	6.47	5.99	5.63	5.27	4.82	4.24	3.53	2.73	1.92	1.21	0.66	0.33	0.14	0.05	0.01	0	2.46
2.62	1.86	1.19	0.66	0.34	0.15	0.06	0.01	6.47	5.99	5.63	5.28	4.82	4.25	3.54	2.73	1.93	1.22	0.67	0.33	0.15	0.05	0.01	0	2.42
2.62	1.87	1.2	0.67	0.34	0.15	0.06	0.01	6.46	5.99	5.63	5.28	4.83	4.25	3.54	2.73	1.93	1.23	0.68	0.34	0.15	0.05	0.01	0	2.03
2.63	1.88	1.2	0.68	0.34	0.15	0.06	0.01	6.47	6	5.64	5.29	4.84	4.26	3.54	2.73	1.94	1.23	0.69	0.34	0.15	0.06	0.01	0	1.67
2.63	1.88	1.21	0.68	0.35	0.16	0.06	0.01	6.48	6.01	5.66	5.31	4.85	4.27	3.55	2.74	1.94	1.24	0.69	0.35	0.15	0.06	0.01	0	2.17
2.64	1.88	1.21	0.69	0.35	0.16	0.06	0.01	6.49	6.02	5.67	5.32	4.86	4.28	3.55	2.74	1.94	1.24	0.7	0.35	0.16	0.06	0.01	0	2.37
2.64	1.89	1.22	0.7	0.36	0.16	0.06	0.01	6.49	6.02	5.68	5.33	4.87	4.29	3.56	2.74	1.94	1.24	0.71	0.36	0.16	0.06	0.01	0	2.24
2.65	1.89	1.22	0.7	0.37	0.16	0.06	0.01	6.49	6.03	5.68	5.34	4.88	4.29	3.56	2.74	1.95	1.25	0.71	0.36	0.16	0.06	0.01	0	1.54
2.66	1.9	1.23	0.71	0.37	0.17	0.06	0.01	6.49	6.02	5.69	5.34	4.88	4.29	3.56	2.75	1.95	1.26	0.72	0.37	0.17	0.06	0.01	0	2.09
2.67	1.91	1.24	0.72	0.38	0.17	0.07	0.01	6.49	6.02	5.69	5.34	4.89	4.3	3.57	2.75	1.96	1.27	0.73	0.38	0.17	0.06	0.01	0	2.32
2.68	1.93	1.26	0.73	0.38	0.18	0.07	0.01	6.49	6.02	5.69	5.35	4.89	4.31	3.58	2.77	1.97	1.28	0.74	0.38	0.17	0.06	0.01	0	2.2
2.7	1.94	1.28	0.75	0.39	0.18	0.07	0.01	6.5	6.03	5.7	5.35	4.9	4.32	3.59	2.78	1.99	1.3	0.75	0.39	0.18	0.07	0.01	0	1.61
2.72	1.96	1.29	0.76	0.4	0.19	0.07	0.01	6.5	6.02	5.7	5.35	4.9	4.33	3.6	2.8	2.01	1.31	0.77	0.4	0.18	0.07	0.01	0	1.97
2.74	1.98	1.31	0.78	0.41	0.19	0.07	0.01	6.5	6.02	5.7	5.36	4.91	4.34	3.62	2.82	2.03	1.33	0.78	0.41	0.19	0.07	0.01	0	2.25
2.76	2.01	1.34	0.79	0.42	0.2	0.07	0.01	6.5	6.02	5.7	5.36	4.92	4.35	3.63	2.84	2.05	1.36	0.8	0.42	0.2	0.07	0.01	0	2.23
2.79	2.04	1.36	0.82	0.43	0.21	0.07	0.01	6.5	6.02	5.71	5.36	4.92	4.36	3.65	2.86	2.08	1.38	0.82	0.43	0.2	0.07	0.01	0	1.73
2.82	2.07	1.4	0.84	0.45	0.22	0.08	0.01	6.5	6.03	5.71	5.36	4.93	4.37	3.67	2.89	2.11	1.42	0.85	0.45	0.21	0.08	0.01	0	1.8
2.86	2.11	1.43	0.88	0.47	0.23	0.08	0.02	6.5	6.04	5.72	5.38	4.95	4.39	3.7	2.93	2.15	1.45	0.88	0.47	0.22	0.08	0.01	0	2.19
2.9	2.16	1.48	0.91	0.5	0.24	0.09	0.02	6.52	6.05	5.74	5.39	4.97	4.42	3.73	2.97	2.2	1.5	0.92	0.5	0.24	0.09	0.02	0	2.36
2.95	2.21	1.53	0.95	0.52	0.25	0.1	0.02	6.54	6.08	5.77	5.42	5	4.45	3.78	3.02	2.25	1.55	0.96	0.52	0.25	0.09	0.02	284.6	2.36
3.01	2.26	1.57	0.99	0.55	0.27	0.1	0.02	6.57	6.11	5.79	5.45	5.03	4.49	3.82	3.07	2.3	1.59	0.99	0.55	0.27	0.1	0.02	65.5	1.8
3.06	2.32	1.62	1.03	0.58	0.28	0.11	0.02	6.6	6.14	5.82	5.48	5.06	4.52	3.86	3.12	2.35	1.64	1.03	0.57	0.28	0.1	0.02	0	1.55
3.1	2.37	1.67	1.06	0.6	0.29	0.11	0.02	6.62	6.16	5.84	5.5	5.08	4.55	3.9	3.16	2.4	1.68	1.07	0.6	0.29	0.11	0.02	0	2.22
3.15	2.42	1.71	1.1	0.63	0.31	0.12	0.02	6.63	6.18	5.85	5.52	5.1	4.57	3.93	3.2	2.45	1.73	1.1	0.62	0.3	0.12	0.02	0	2.31
3.19	2.46	1.76	1.14	0.65	0.32	0.13	0.03	6.63	6.18	5.85	5.53	5.11	4.59	3.96	3.24	2.49	1.77	1.14	0.65	0.32	0.12	0.02	0	2.42
3.23	2.51	1.81	1.18	0.68	0.34	0.13	0.03	6.63	6.19	5.86	5.53	5.12	4.6	3.98	3.27	2.53	1.82	1.18	0.68	0.33	0.13	0.03	0	2.02
3.27	2.56	1.86	1.23	0.72	0.36	0.14	0.03	6.62	6.19	5.86	5.54	5.12	4.61	4	3.31	2.58	1.86	1.23	0.71	0.35	0.14	0.03	523.3	2.05
3.31	2.61	1.91	1.28	0.75	0.38	0.15	0.04	6.62	6.19	5.86	5.54	5.13	4.63	4.02	3.34	2.62	1.91	1.27	0.75	0.37	0.15	0.03	0	2.45
3.36	2.67	1.97	1.33	0.79	0.4	0.17	0.04	6.63	6.2	5.87	5.55	5.14	4.65	4.05	3.38	2.67	1.97	1.32	0.79	0.4	0.16	0.04	0	2.48
3.42	2.73	2.04	1.39	0.84	0.43	0.18	0.04	6.65	6.22	5.9	5.57	5.16	4.68	4.08	3.42	2.73	2.03	1.38	0.83	0.42	0.17	0.04	0	2.33
3.47	2.79	2.1	1.45	0.88	0.46	0.19	0.05	6.68	6.24	5.92	5.6	5.19	4.7	4.12	3.47	2.78	2.08	1.43	0.87	0.45	0.19	0.05	0	1.78
3.53	2.85	2.16	1.5	0.93	0.49	0.21	0.05	6.72	6.27	5.95	5.62	5.21	4.73	4.15	3.51	2.83	2.14	1.48	0.91	0.47	0.2	0.05	0	1.93
3.58	2.91	2.23	1.56	0.97	0.51	0.22	0.06	6.75	6.29	5.98	5.64	5.23	4.75	4.18	3.55	2.88	2.19	1.53	0.95	0.5	0.22	0.06	0	2.44
3.63	2.97	2.28	1.61	1.01	0.54	0.24	0.06	6.76	6.3	5.99	5.65	5.24	4.76	4.2	3.57	2.92	2.24	1.58	0.99	0.52	0.23	0.06	0	2.4
3.67	3.01	2.33	1.67	1.05	0.57	0.25	0.07	6.76	6.3	5.99	5.65	5.24	4.77	4.2	3.59	2.95	2.28	1.62	1.02	0.55	0.24	0.07	0	2.29
3.69	3.05	2.38	1.71	1.1	0.6	0.27	0.08	6.75	6.29	5.98	5.65	5.24	4.76	4.2	3.6	2.97	2.31	1.67	1.06	0.58	0.26	0.07	0	1.85
3.72	3.08	2.42	1.76	1.14	0.63	0.29	0.08	6.72	6.28	5.97	5.63	5.22	4.75	4.2	3.61	2.99	2.35	1.7	1.1	0.61	0.28	0.08	0	1.95
3.73	3.11	2.46	1.8	1.17	0.66	0.31	0.09	6.69	6.25	5.95	5.61	5.2	4.73	4.19	3.6	3	2.37	1.73	1.13	0.63	0.29	0.08	0	2.24
3.75	3.13	2.49	1.84	1.21	0.69	0.32	0.09	6.67	6.24	5.93	5.59	5.19	4.72	4.18	3.6	3.01	2.39	1.76	1.16	0.65	0.31	0.09	0	2.23
3.76	3.15	2.52	1.87	1.24	0.71	0.34	0.1	6.66	6.22	5.91	5.58	5.17	4.7	4.16	3.6	3.01	2.41	1.79	1.19	0.68	0.32	0.09	0	1.99
3.77	3.17	2.55	1.9	1.27	0.73	0.35	0.11	6.64	6.2	5.9	5.56	5.16	4.69	4.15	3.59	3.02	2.42	1.81	1.21	0.7	0.33	0.1	0	1.6
3.78	3.18	2.57	1.92	1.29	0.75	0.36	0.11	6.63	6.19	5.88	5.55	5.14	4.67	4.14	3.58	3.01	2.43	1.82	1.22	0.71	0.34	0.1	0	1.64
3.78	3.19	2.58	1.94	1.31	0.77	0.38	0.12	6.61	6.18	5.87	5.54	5.13	4.66	4.13	3.57	3.01	2.44	1.83	1.24	0.73	0.35	0.11	0	2.15
3.79	3.2	2.59	1.96	1.33	0.79	0.39	0.12	6.59	6.16	5.85	5.52	5.11	4.64	4.11	3.56	3	2.44	1.84	1.25	0.74	0.36	0.12	0	2.28
3.79	3.2	2.6	1.98	1.35	0.8	0.4	0.13	6.57	6.14	5.83	5.5	5.1	4.63	4.1	3.55	2.99	2.43	1.85	1.27	0.75	0.37	0.12	0	2.42
3.8	3.21	2.61	1.99	1.3																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
4.22	3.58	2.94	2.31	1.68	1.08	0.58	0.22	6.26	5.89	5.61	5.31	4.95	4.53	4.06	3.55	3.02	2.49	1.97	1.44	0.93	0.5	0.19	0	1.41
4.21	3.58	2.94	2.31	1.68	1.08	0.57	0.22	6.27	5.89	5.61	5.31	4.95	4.53	4.06	3.55	3.02	2.49	1.96	1.44	0.93	0.5	0.19	0	1.49
4.2	3.57	2.93	2.3	1.67	1.07	0.57	0.22	6.27	5.88	5.61	5.31	4.95	4.53	4.05	3.54	3.02	2.49	1.96	1.43	0.92	0.49	0.19	0	1.8
4.19	3.56	2.92	2.29	1.66	1.06	0.56	0.21	6.27	5.88	5.6	5.3	4.94	4.52	4.05	3.54	3.01	2.48	1.95	1.42	0.91	0.49	0.19	0	1.99
4.18	3.55	2.91	2.27	1.64	1.04	0.55	0.21	6.26	5.87	5.6	5.3	4.94	4.52	4.04	3.53	3	2.47	1.94	1.41	0.9	0.48	0.18	0	1.85
4.17	3.53	2.89	2.25	1.63	1.03	0.54	0.2	6.26	5.87	5.59	5.29	4.93	4.51	4.04	3.52	3	2.46	1.93	1.4	0.89	0.47	0.17	0	1.7
4.16	3.52	2.88	2.24	1.61	1.01	0.53	0.19	6.26	5.87	5.59	5.29	4.93	4.51	4.03	3.52	2.99	2.45	1.92	1.38	0.88	0.46	0.17	60.8	2.15
4.15	3.51	2.87	2.22	1.59	1	0.52	0.19	6.26	5.87	5.59	5.29	4.93	4.5	4.03	3.52	2.99	2.45	1.9	1.37	0.87	0.45	0.16	0	2.14
4.14	3.51	2.86	2.21	1.58	0.99	0.51	0.18	6.27	5.87	5.59	5.29	4.92	4.5	4.03	3.51	2.98	2.44	1.89	1.36	0.86	0.45	0.16	0	1.63
4.14	3.5	2.85	2.19	1.56	0.97	0.5	0.18	6.27	5.87	5.59	5.29	4.93	4.5	4.02	3.51	2.98	2.43	1.88	1.35	0.85	0.44	0.16	0	2.02
4.13	3.49	2.84	2.18	1.55	0.96	0.49	0.17	6.27	5.87	5.59	5.29	4.93	4.5	4.02	3.51	2.98	2.42	1.87	1.34	0.84	0.43	0.15	0	1.98
4.13	3.49	2.83	2.16	1.53	0.95	0.49	0.17	6.28	5.88	5.6	5.29	4.93	4.5	4.02	3.51	2.97	2.42	1.86	1.32	0.83	0.43	0.15	0	1.34
4.12	3.48	2.82	2.15	1.52	0.94	0.48	0.17	6.28	5.88	5.6	5.29	4.93	4.5	4.02	3.5	2.97	2.41	1.85	1.31	0.82	0.42	0.15	0	1.38
4.11	3.47	2.81	2.14	1.5	0.93	0.47	0.16	6.29	5.88	5.6	5.29	4.93	4.5	4.02	3.5	2.96	2.4	1.84	1.3	0.81	0.41	0.14	0	1.07
4.11	3.47	2.8	2.13	1.49	0.91	0.46	0.16	6.29	5.88	5.6	5.29	4.93	4.5	4.02	3.5	2.96	2.4	1.83	1.29	0.8	0.41	0.14	0	1.34
4.1	3.46	2.79	2.11	1.47	0.9	0.46	0.15	6.29	5.88	5.6	5.29	4.92	4.49	4.01	3.49	2.95	2.39	1.82	1.28	0.79	0.4	0.14	0	1.48
4.1	3.45	2.78	2.1	1.46	0.89	0.45	0.15	6.28	5.88	5.6	5.29	4.92	4.49	4.01	3.49	2.95	2.38	1.81	1.27	0.78	0.39	0.13	0	1.47
4.1	3.45	2.78	2.1	1.45	0.88	0.44	0.15	6.28	5.88	5.6	5.29	4.92	4.49	4.01	3.49	2.94	2.38	1.8	1.25	0.77	0.39	0.13	0	1.62
4.1	3.45	2.78	2.09	1.44	0.87	0.43	0.14	6.29	5.88	5.6	5.29	4.92	4.49	4.01	3.49	2.94	2.37	1.8	1.24	0.76	0.38	0.13	0	1.59
4.11	3.46	2.78	2.08	1.43	0.86	0.43	0.14	6.3	5.9	5.61	5.3	4.93	4.5	4.01	3.49	2.95	2.37	1.79	1.23	0.74	0.37	0.12	0	1.88
4.12	3.46	2.78	2.08	1.41	0.84	0.42	0.14	6.31	5.91	5.62	5.31	4.94	4.51	4.02	3.5	2.95	2.37	1.78	1.22	0.73	0.36	0.12	0	2.14
4.13	3.47	2.78	2.07	1.4	0.83	0.41	0.13	6.32	5.92	5.63	5.32	4.95	4.52	4.03	3.51	2.96	2.37	1.77	1.21	0.72	0.36	0.12	0	1.73
4.15	3.48	2.78	2.06	1.38	0.81	0.4	0.13	6.33	5.94	5.64	5.33	4.96	4.53	4.04	3.52	2.96	2.37	1.77	1.19	0.71	0.35	0.11	0	2.01
4.16	3.5	2.78	2.05	1.37	0.8	0.39	0.12	6.35	5.96	5.66	5.35	4.98	4.54	4.06	3.53	2.97	2.37	1.76	1.18	0.69	0.34	0.11	0	1.87
4.18	3.51	2.79	2.05	1.36	0.78	0.38	0.12	6.37	5.97	5.68	5.36	4.99	4.56	4.07	3.54	2.98	2.38	1.76	1.17	0.68	0.33	0.11	0	1.65
4.19	3.52	2.79	2.04	1.35	0.77	0.37	0.12	6.4	5.99	5.7	5.38	5.01	4.57	4.09	3.56	2.99	2.38	1.75	1.16	0.67	0.32	0.1	0	1.8
4.2	3.53	2.79	2.04	1.34	0.76	0.36	0.11	6.41	6.01	5.71	5.4	5.02	4.59	4.1	3.57	3	2.39	1.75	1.16	0.66	0.31	0.1	0	1.49
4.21	3.54	2.8	2.04	1.33	0.75	0.35	0.11	6.43	6.03	5.73	5.42	5.04	4.6	4.11	3.58	3.01	2.39	1.75	1.15	0.65	0.31	0.1	0	1.15
4.22	3.54	2.81	2.05	1.34	0.75	0.35	0.11	6.45	6.05	5.75	5.44	5.06	4.62	4.13	3.59	3.02	2.4	1.76	1.16	0.65	0.31	0.1	0	1.49
4.23	3.56	2.82	2.06	1.35	0.76	0.35	0.11	6.48	6.07	5.77	5.46	5.08	4.64	4.15	3.61	3.04	2.42	1.78	1.17	0.66	0.31	0.1	0	1.55
4.24	3.57	2.84	2.08	1.36	0.76	0.36	0.11	6.5	6.1	5.79	5.48	5.1	4.66	4.16	3.63	3.06	2.44	1.79	1.18	0.67	0.31	0.1	0	1.71
4.25	3.58	2.86	2.1	1.38	0.78	0.37	0.12	6.53	6.13	5.82	5.51	5.12	4.68	4.18	3.65	3.08	2.47	1.82	1.2	0.68	0.32	0.1	0	2.2
4.26	3.6	2.88	2.13	1.41	0.8	0.38	0.12	6.57	6.16	5.85	5.54	5.15	4.71	4.21	3.67	3.1	2.49	1.85	1.23	0.7	0.33	0.11	0	2.08
4.27	3.61	2.91	2.16	1.44	0.82	0.39	0.13	6.61	6.19	5.89	5.57	5.18	4.73	4.23	3.69	3.13	2.52	1.88	1.25	0.72	0.34	0.11	0	1.41
4.27	3.62	2.92	2.18	1.46	0.85	0.4	0.13	6.64	6.21	5.92	5.59	5.2	4.75	4.25	3.71	3.14	2.54	1.91	1.28	0.74	0.36	0.11	0	2.17
4.26	3.61	2.92	2.19	1.48	0.86	0.41	0.13	6.66	6.22	5.93	5.6	5.21	4.76	4.25	3.71	3.14	2.55	1.92	1.3	0.76	0.37	0.12	0	2.09
4.23	3.59	2.91	2.2	1.5	0.88	0.42	0.14	6.67	6.22	5.93	5.6	5.2	4.75	4.24	3.7	3.14	2.56	1.94	1.32	0.78	0.38	0.12	0	1.84
4.21	3.57	2.91	2.21	1.51	0.9	0.44	0.14	6.67	6.21	5.94	5.6	5.2	4.75	4.24	3.69	3.14	2.56	1.95	1.34	0.8	0.39	0.13	0	1.57
4.18	3.55	2.9	2.21	1.53	0.92	0.45	0.15	6.67	6.21	5.94	5.6	5.2	4.75	4.23	3.69	3.14	2.56	1.96	1.36	0.82	0.4	0.13	0	1.32
4.16	3.53	2.89	2.22	1.55	0.94	0.46	0.16	6.67	6.21	5.94	5.59	5.2	4.74	4.23	3.69	3.14	2.57	1.97	1.38	0.84	0.42	0.14	0	1.31
4.14	3.52	2.88	2.23	1.56	0.96	0.48	0.16	6.67	6.21	5.94	5.59	5.19	4.74	4.22	3.69	3.14	2.57	1.99	1.4	0.86	0.43	0.14	0	1.45
4.12	3.5	2.87	2.23	1.58	0.97	0.49	0.17	6.66	6.22	5.93	5.59	5.19	4.73	4.22	3.68	3.13	2.57	2	1.42	0.87	0.44	0.15	0	1.58
4.1	3.49	2.86	2.23	1.59	0.99	0.5	0.17	6.66	6.22	5.94	5.59	5.19	4.73	4.22	3.68	3.13	2.58	2	1.43	0.89	0.45	0.16	0	1.68
4.08	3.47	2.86	2.22	1.59	1	0.51	0.18	6.67	6.23	5.94	5.59	5.19	4.74	4.22	3.68	3.14	2.58	2.01	1.44	0.9	0.47	0.16	0	2.14
4.07	3.46	2.85	2.22	1.6	1	0.52	0.18	6.68	6.25	5.95	5.6	5.2	4.74	4.22	3.69	3.14	2.59	2.02	1.45	0.91	0.47	0.17	0	1.99
4.05	3.45	2.84	2.22	1.6	1.01	0.53	0.19	6.69	6.26	5.95	5.61	5.2	4.74	4.23	3.69	3.14	2.59	2.02	1.46	0.92	0.48	0.17	0	1.38
4.04	3.44	2.84	2.22	1.6	1.02	0.54	0.2	6.71	6.27	5.96	5.61	5.21	4.75	4.23	3.69	3.15	2.59	2.03	1.47	0.93	0.49	0.18	0	2.15
4.02	3.43	2.83	2.22	1.6	1.03	0.55	0.2	6.71	6.27	5.96	5.62	5.21	4.75	4.23	3.69	3.14	2.59	2.03	1.47	0.94	0.5	0.19	0	2.15
4.01	3.41	2.82	2.21	1.6	1.03	0.56	0.21	6.71	6.27	5.96	5.61	5.2	4.74	4.22	3.69	3.14	2.59	2.04	1.48	0.95	0.51	0.19	0	2.03
3.98	3.4	2.81	2.21	1.6	1.04	0.56	0.22	6.71	6.27	5.96	5.61	5.2	4.74	4.22	3.68	3.14	2.59	2.04	1.48	0.96	0.52	0.2	154.1	1.59
3.96	3.38	2.79	2.2	1.6	1.05	0.57	0.23	6.7	6.27	5.95	5.61	5.19	4.73	4.21	3.67	3.13	2.59	2.04	1.49	0.97	0.53	0.21	0	1.88
3.94	3.36	2.78	2.2	1.61	1.05	0.58	0.23	6.69	6.26	5.94	5.6	5.19	4.73	4.21	3.67	3.13	2.59	2.04	1.5	0.98	0.54	0.21	0	1.76
3.91	3.34	2.77	2.19	1.61	1.06	0.59	0.24	6.68	6.26	5.93	5.59	5.18	4.72	4.2	3.66	3.12	2.59	2.05	1.5	0.99	0.55	0.22	0	1.33
3.89	3.32	2.75	2.19	1.61	1.06	0.6	0.24	6.67	6.26	5.93	5.59	5.18	4.71	4.19	3.66	3.12	2.59	2.05	1.51	1	0.56	0.23	0	1.89
3.88	3.31	2.75	2.18	1.61	1.07	0.6	0.25																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.92	3.36	2.78	2.21	1.65	1.11	0.65	0.29	7.29	6.77	6.4	6	5.54	5.04	4.5	3.93	3.36	2.78	2.2	1.63	1.09	0.63	0.28	0	2.38
3.93	3.37	2.79	2.22	1.65	1.11	0.65	0.29	7.32	6.78	6.42	6.02	5.56	5.06	4.52	3.95	3.38	2.79	2.21	1.64	1.1	0.64	0.28	0	2.3
3.94	3.37	2.8	2.22	1.65	1.11	0.65	0.29	7.33	6.8	6.44	6.04	5.57	5.07	4.53	3.96	3.39	2.8	2.22	1.64	1.1	0.64	0.28	0	1.95
3.94	3.38	2.81	2.23	1.66	1.12	0.65	0.29	7.34	6.82	6.44	6.05	5.58	5.08	4.54	3.98	3.4	2.81	2.23	1.65	1.1	0.64	0.28	0	1.49
3.94	3.38	2.81	2.24	1.66	1.12	0.66	0.29	7.34	6.82	6.45	6.05	5.59	5.09	4.55	3.98	3.41	2.83	2.24	1.65	1.11	0.64	0.28	0	2.02
3.95	3.39	2.82	2.24	1.66	1.12	0.66	0.3	7.34	6.83	6.45	6.06	5.59	5.09	4.55	3.99	3.42	2.83	2.25	1.66	1.11	0.65	0.29	0	2.29
3.95	3.39	2.82	2.24	1.66	1.12	0.66	0.3	7.34	6.83	6.45	6.05	5.59	5.09	4.55	3.99	3.42	2.84	2.25	1.66	1.12	0.65	0.29	0	2.43
3.94	3.39	2.82	2.25	1.67	1.12	0.66	0.3	7.34	6.82	6.45	6.05	5.59	5.09	4.55	3.99	3.42	2.84	2.25	1.66	1.12	0.65	0.29	0	1.9
3.94	3.38	2.82	2.24	1.66	1.12	0.66	0.29	7.34	6.82	6.45	6.05	5.58	5.08	4.55	3.99	3.42	2.84	2.25	1.66	1.12	0.65	0.28	0	1.26
3.93	3.38	2.81	2.24	1.66	1.12	0.65	0.29	7.34	6.81	6.44	6.04	5.58	5.07	4.54	3.98	3.42	2.84	2.25	1.66	1.11	0.64	0.28	0	2.01
3.91	3.36	2.8	2.23	1.66	1.12	0.65	0.29	7.34	6.8	6.43	6.03	5.56	5.06	4.52	3.97	3.41	2.83	2.24	1.66	1.11	0.64	0.28	0	2.21
3.89	3.35	2.79	2.22	1.65	1.11	0.64	0.28	7.32	6.78	6.4	6	5.54	5.04	4.5	3.95	3.39	2.81	2.23	1.66	1.11	0.64	0.27	0	2.18
3.86	3.32	2.76	2.2	1.64	1.11	0.64	0.28	7.29	6.75	6.37	5.97	5.5	5.01	4.48	3.93	3.37	2.8	2.22	1.65	1.11	0.64	0.27	0	2.16
3.83	3.29	2.74	2.19	1.63	1.1	0.64	0.28	7.25	6.71	6.33	5.93	5.46	4.97	4.44	3.9	3.34	2.77	2.2	1.64	1.1	0.63	0.27	0	2
3.79	3.26	2.72	2.17	1.62	1.1	0.64	0.28	7.21	6.67	6.28	5.88	5.42	4.93	4.41	3.86	3.31	2.75	2.19	1.63	1.1	0.63	0.27	0	1.75
3.76	3.23	2.69	2.15	1.62	1.1	0.64	0.27	7.16	6.63	6.24	5.84	5.38	4.89	4.37	3.83	3.29	2.73	2.17	1.63	1.1	0.64	0.27	0	1.72
3.73	3.21	2.67	2.13	1.61	1.1	0.64	0.27	7.12	6.59	6.2	5.8	5.34	4.86	4.34	3.81	3.27	2.72	2.16	1.62	1.1	0.64	0.27	0	2.31
3.7	3.18	2.65	2.12	1.6	1.09	0.64	0.28	7.08	6.54	6.16	5.76	5.3	4.82	4.31	3.78	3.24	2.7	2.15	1.62	1.1	0.64	0.27	0	2.26
3.67	3.16	2.63	2.11	1.6	1.1	0.65	0.28	7.05	6.51	6.12	5.73	5.27	4.79	4.28	3.75	3.22	2.68	2.14	1.62	1.1	0.65	0.27	0	2.03
3.65	3.14	2.62	2.1	1.59	1.1	0.65	0.28	7.02	6.47	6.09	5.69	5.24	4.76	4.25	3.73	3.2	2.66	2.13	1.61	1.11	0.65	0.28	0	1.88
3.64	3.13	2.61	2.1	1.6	1.1	0.66	0.28	7	6.45	6.07	5.67	5.21	4.74	4.23	3.71	3.18	2.65	2.13	1.61	1.11	0.65	0.28	0	2.26
3.63	3.12	2.6	2.1	1.6	1.11	0.66	0.28	6.98	6.42	6.05	5.65	5.19	4.72	4.21	3.69	3.17	2.64	2.12	1.61	1.11	0.66	0.28	0	2.06
3.62	3.11	2.6	2.1	1.6	1.11	0.66	0.28	6.97	6.4	6.03	5.63	5.17	4.7	4.2	3.68	3.16	2.63	2.12	1.61	1.11	0.66	0.28	0	1.81
3.63	3.12	2.61	2.1	1.6	1.11	0.66	0.29	6.96	6.39	6.02	5.61	5.16	4.69	4.19	3.67	3.15	2.63	2.12	1.61	1.11	0.66	0.28	0	2.39
3.63	3.12	2.61	2.11	1.61	1.12	0.67	0.29	6.95	6.38	6.01	5.6	5.15	4.67	4.17	3.66	3.14	2.62	2.11	1.61	1.12	0.66	0.28	0	2.33
3.64	3.13	2.62	2.12	1.62	1.13	0.67	0.29	6.94	6.37	6	5.59	5.14	4.66	4.16	3.65	3.13	2.62	2.11	1.61	1.12	0.67	0.29	0	1.88
3.66	3.14	2.63	2.13	1.63	1.14	0.68	0.3	6.94	6.37	6	5.59	5.14	4.66	4.16	3.65	3.13	2.62	2.12	1.61	1.12	0.67	0.29	0	1.93
3.67	3.16	2.64	2.14	1.63	1.14	0.69	0.3	6.94	6.37	5.99	5.58	5.13	4.65	4.15	3.64	3.13	2.62	2.11	1.61	1.13	0.67	0.29	0	2.14
3.68	3.17	2.65	2.15	1.64	1.15	0.69	0.3	6.94	6.37	5.99	5.58	5.12	4.64	4.14	3.63	3.12	2.61	2.11	1.61	1.13	0.67	0.29	0	1.76
3.55	3.01	2.49	2	1.55	1.12	0.72	0.35	6.82	6.33	5.97	5.58	5.13	4.63	4.1	3.55	3.01	2.48	1.99	1.54	1.11	0.71	0.34	0	1.27
3.56	3.02	2.5	2	1.55	1.12	0.72	0.35	6.8	6.32	5.96	5.58	5.13	4.63	4.1	3.56	3.02	2.49	1.99	1.54	1.11	0.71	0.34	0	1.47
3.57	3.03	2.51	2.01	1.56	1.12	0.71	0.34	6.79	6.33	5.96	5.58	5.14	4.64	4.11	3.56	3.02	2.5	2	1.55	1.11	0.7	0.34	0	1.89
3.58	3.04	2.51	2.02	1.56	1.12	0.71	0.34	6.8	6.34	5.96	5.59	5.14	4.65	4.12	3.57	3.03	2.5	2.01	1.55	1.11	0.7	0.33	0	2.1
3.59	3.05	2.52	2.02	1.57	1.12	0.7	0.33	6.81	6.35	5.97	5.6	5.16	4.66	4.13	3.58	3.04	2.51	2.01	1.55	1.11	0.69	0.33	0	2.07
3.6	3.06	2.53	2.03	1.57	1.12	0.7	0.33	6.82	6.37	5.99	5.62	5.17	4.68	4.15	3.6	3.05	2.52	2.02	1.56	1.11	0.69	0.32	0	1.98
3.62	3.07	2.54	2.04	1.57	1.12	0.69	0.33	6.84	6.39	6	5.63	5.19	4.7	4.16	3.61	3.06	2.53	2.03	1.56	1.11	0.68	0.32	0	1.52
3.63	3.08	2.55	2.05	1.57	1.12	0.69	0.32	6.85	6.4	6.01	5.65	5.2	4.71	4.17	3.62	3.07	2.54	2.03	1.56	1.11	0.68	0.31	0	2.27
3.64	3.09	2.56	2.05	1.58	1.12	0.68	0.32	6.86	6.41	6.02	5.66	5.21	4.72	4.19	3.63	3.08	2.55	2.04	1.56	1.11	0.67	0.31	0	2.28
3.65	3.1	2.57	2.06	1.58	1.11	0.68	0.31	6.86	6.41	6.03	5.67	5.22	4.73	4.2	3.64	3.09	2.56	2.05	1.57	1.1	0.67	0.31	0	2.32
3.65	3.11	2.57	2.07	1.58	1.11	0.67	0.31	6.85	6.4	6.03	5.67	5.23	4.74	4.2	3.65	3.1	2.56	2.06	1.57	1.1	0.66	0.3	0	2.28
3.66	3.11	2.58	2.07	1.58	1.11	0.67	0.3	6.83	6.4	6.03	5.67	5.23	4.75	4.21	3.66	3.11	2.57	2.06	1.57	1.1	0.66	0.3	0	1.92
3.66	3.12	2.58	2.08	1.58	1.1	0.66	0.3	6.83	6.4	6.04	5.68	5.24	4.76	4.22	3.67	3.12	2.58	2.07	1.58	1.09	0.65	0.29	0	1.64
3.67	3.13	2.59	2.08	1.59	1.1	0.65	0.29	6.82	6.4	6.04	5.69	5.25	4.77	4.24	3.68	3.13	2.59	2.08	1.58	1.09	0.64	0.28	0	2.17
3.68	3.14	2.6	2.09	1.59	1.09	0.64	0.28	6.82	6.41	6.05	5.7	5.27	4.79	4.25	3.7	3.15	2.6	2.09	1.58	1.09	0.64	0.28	0	2.27
3.69	3.15	2.61	2.1	1.59	1.09	0.63	0.27	6.83	6.42	6.07	5.72	5.29	4.81	4.27	3.72	3.16	2.62	2.1	1.59	1.08	0.63	0.27	0	2.08
3.71	3.16	2.62	2.11	1.59	1.08	0.63	0.27	6.85	6.45	6.1	5.75	5.32	4.84	4.3	3.74	3.18	2.63	2.11	1.59	1.08	0.62	0.26	0	1.69
3.73	3.18	2.64	2.12	1.6	1.08	0.62	0.26	6.88	6.49	6.13	5.78	5.35	4.87	4.33	3.76	3.2	2.65	2.12	1.6	1.08	0.61	0.25	226.8	1.87
3.76	3.21	2.67	2.14	1.61	1.09	0.62	0.25	6.92	6.53	6.17	5.83	5.4	4.91	4.37	3.8	3.23	2.68	2.14	1.61	1.08	0.61	0.25	0	1.63
3.79	3.23	2.69	2.16	1.62	1.09	0.62	0.25	6.97	6.58	6.22	5.87	5.44	4.95	4.4	3.83	3.26	2.7	2.16	1.62	1.08	0.61	0.24	0	1.71
3.83	3.26	2.71	2.18	1.63	1.09	0.61	0.25	7.02	6.62	6.27	5.92	5.48	4.99	4.44	3.86	3.29	2.73	2.18	1.63	1.09	0.61	0.24	0	1.26
3.86	3.29	2.74	2.2	1.65	1.1	0.62	0.24	7.08	6.67	6.32	5.96	5.53	5.03	4.48	3.9	3.32	2.76	2.2	1.65	1.09	0.61	0.24	0	1.02
3.89	3.33	2.77	2.22	1.66	1.1	0.62	0.24	7.13	6.71	6.36	6.01	5.57	5.07	4.51	3.93	3.35	2.78	2.22	1.66	1.1	0.61	0.24	0	1.64
3.93	3.36	2.8	2.24	1.68	1.11	0.62	0.25	7.18	6.76	6.41	6.05	5.61	5.11	4.55	3.96	3.38	2.81	2.24	1.68	1.11	0.61	0.24	0	1.57
3.96	3.39	2.82	2.26	1.69	1.12	0.63	0.25	7.23	6.79	6.45	6.1	5.65	5.15	4.59	4	3.41	2.84	2.27	1.69	1.11	0.62	0.24	0	1.46
4	3.42	2.85	2.28	1.71	1.13	0.63	0.																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
4.36	3.71	3.04	2.33	1.6	0.94	0.45	0.17	7.22	6.81	6.48	6.14	5.72	5.23	4.68	4.1	3.49	2.86	2.19	1.51	0.89	0.43	0.16	0	1.99
4.36	3.71	3.04	2.33	1.59	0.94	0.45	0.16	7.2	6.79	6.47	6.12	5.7	5.22	4.67	4.09	3.49	2.86	2.19	1.5	0.88	0.42	0.15	0	1.7
4.36	3.71	3.04	2.32	1.58	0.93	0.44	0.16	7.19	6.78	6.45	6.11	5.69	5.21	4.66	4.08	3.48	2.85	2.18	1.49	0.87	0.42	0.15	0	1.74
4.35	3.71	3.04	2.32	1.58	0.92	0.44	0.16	7.17	6.76	6.44	6.09	5.67	5.19	4.65	4.07	3.47	2.84	2.17	1.48	0.86	0.41	0.15	0	1.76
4.35	3.71	3.03	2.31	1.57	0.91	0.43	0.16	7.16	6.74	6.42	6.08	5.66	5.18	4.64	4.06	3.47	2.84	2.16	1.47	0.85	0.4	0.15	0	1.77
4.35	3.71	3.03	2.3	1.56	0.9	0.43	0.16	7.14	6.73	6.41	6.06	5.65	5.17	4.63	4.05	3.46	2.83	2.15	1.46	0.85	0.4	0.15	0	1.15
4.34	3.7	3.03	2.3	1.55	0.89	0.42	0.15	7.13	6.72	6.39	6.05	5.64	5.16	4.62	4.05	3.45	2.82	2.15	1.45	0.84	0.39	0.14	0	1.83
4.34	3.7	3.02	2.29	1.54	0.88	0.41	0.15	7.11	6.7	6.38	6.04	5.62	5.15	4.61	4.04	3.44	2.82	2.14	1.44	0.83	0.39	0.14	0	1.29
4.33	3.69	3.01	2.28	1.53	0.88	0.41	0.15	7.09	6.7	6.37	6.03	5.61	5.14	4.6	4.03	3.44	2.81	2.13	1.43	0.82	0.38	0.14	0	1.99
4.33	3.69	3.01	2.27	1.52	0.87	0.4	0.15	7.08	6.69	6.36	6.03	5.61	5.14	4.6	4.03	3.43	2.8	2.12	1.42	0.81	0.38	0.14	0	1.98
4.33	3.68	3	2.27	1.52	0.86	0.4	0.14	7.08	6.69	6.36	6.03	5.61	5.14	4.6	4.02	3.43	2.8	2.11	1.42	0.8	0.37	0.13	0	1.42
4.33	3.68	3	2.26	1.51	0.85	0.39	0.14	7.08	6.7	6.37	6.03	5.61	5.14	4.6	4.03	3.43	2.79	2.11	1.41	0.8	0.37	0.13	0	1.94
4.33	3.68	3	2.25	1.5	0.85	0.39	0.14	7.09	6.71	6.38	6.04	5.62	5.15	4.61	4.03	3.43	2.79	2.1	1.4	0.79	0.36	0.13	0	2.04
4.34	3.69	2.99	2.25	1.49	0.84	0.38	0.14	7.11	6.73	6.39	6.06	5.64	5.16	4.62	4.04	3.43	2.79	2.09	1.39	0.78	0.36	0.13	0	1.7
4.35	3.69	2.99	2.24	1.48	0.83	0.38	0.13	7.13	6.74	6.42	6.07	5.65	5.17	4.63	4.05	3.43	2.78	2.08	1.38	0.77	0.35	0.12	0	1.23
4.36	3.7	2.99	2.23	1.47	0.82	0.37	0.13	7.16	6.77	6.44	6.09	5.67	5.19	4.64	4.06	3.44	2.78	2.07	1.37	0.76	0.34	0.12	0	1.6
4.38	3.71	2.99	2.21	1.45	0.8	0.36	0.12	7.19	6.78	6.47	6.12	5.69	5.21	4.66	4.07	3.44	2.78	2.06	1.35	0.75	0.33	0.12	0	1.3
4.39	3.71	2.98	2.2	1.43	0.78	0.35	0.12	7.22	6.81	6.49	6.14	5.72	5.23	4.68	4.08	3.45	2.77	2.04	1.33	0.73	0.33	0.11	0	1.54
4.41	3.72	2.98	2.19	1.41	0.77	0.34	0.12	7.25	6.83	6.52	6.16	5.74	5.25	4.7	4.09	3.46	2.77	2.03	1.32	0.71	0.32	0.11	0	2.02
4.43	3.73	2.98	2.18	1.4	0.75	0.33	0.11	7.28	6.86	6.54	6.19	5.76	5.27	4.72	4.11	3.46	2.76	2.02	1.3	0.7	0.31	0.1	0	1.49
4.45	3.74	2.97	2.16	1.38	0.74	0.33	0.11	7.31	6.89	6.56	6.21	5.78	5.29	4.73	4.12	3.46	2.75	2	1.28	0.69	0.3	0.1	0	1.27
4.46	3.75	2.97	2.15	1.37	0.73	0.32	0.1	7.33	6.91	6.59	6.23	5.8	5.31	4.75	4.13	3.47	2.75	1.99	1.27	0.67	0.29	0.09	0	1.24
4.48	3.75	2.96	2.14	1.35	0.71	0.31	0.1	7.36	6.93	6.61	6.26	5.83	5.33	4.77	4.14	3.47	2.74	1.97	1.25	0.66	0.29	0.09	0	2.04
4.5	3.76	2.96	2.12	1.34	0.7	0.3	0.1	7.38	6.96	6.63	6.28	5.85	5.35	4.78	4.15	3.48	2.73	1.96	1.24	0.65	0.28	0.09	0	2.08
4.51	3.77	2.96	2.11	1.32	0.69	0.29	0.09	7.39	6.98	6.64	6.3	5.87	5.37	4.8	4.16	3.48	2.73	1.95	1.22	0.64	0.27	0.08	0	1.79
4.53	3.78	2.95	2.1	1.3	0.68	0.29	0.09	7.41	7.01	6.67	6.33	5.89	5.39	4.82	4.18	3.48	2.72	1.93	1.2	0.62	0.26	0.08	0	1.73
4.55	3.79	2.95	2.08	1.28	0.66	0.28	0.08	7.43	7.03	6.69	6.35	5.91	5.41	4.83	4.19	3.48	2.71	1.92	1.18	0.61	0.25	0.08	0	2.13
4.57	3.8	2.95	2.07	1.27	0.65	0.27	0.08	7.46	7.06	6.71	6.38	5.93	5.43	4.85	4.2	3.49	2.71	1.9	1.16	0.59	0.24	0.07	0	2.15
4.58	3.8	2.94	2.06	1.25	0.63	0.26	0.07	7.48	7.08	6.73	6.4	5.95	5.45	4.86	4.2	3.49	2.7	1.89	1.14	0.58	0.23	0.07	0	2.07
4.6	3.81	2.94	2.04	1.23	0.61	0.25	0.07	7.5	7.11	6.75	6.42	5.97	5.46	4.87	4.21	3.49	2.69	1.87	1.12	0.56	0.22	0.06	73.7	1.89
4.62	3.82	2.94	2.03	1.21	0.6	0.24	0.07	7.53	7.13	6.78	6.44	5.99	5.48	4.89	4.22	3.49	2.68	1.85	1.11	0.55	0.22	0.06	0	1.92
4.64	3.83	2.94	2.02	1.19	0.59	0.23	0.07	7.55	7.15	6.79	6.46	6.01	5.5	4.9	4.22	3.48	2.67	1.84	1.09	0.53	0.21	0.06	0	2.13
4.66	3.83	2.93	2	1.18	0.57	0.22	0.06	7.57	7.16	6.8	6.47	6.02	5.5	4.9	4.22	3.48	2.66	1.82	1.07	0.52	0.2	0.06	0	2.16
4.67	3.84	2.92	1.98	1.16	0.56	0.22	0.06	7.58	7.17	6.81	6.47	6.02	5.51	4.91	4.22	3.47	2.64	1.8	1.05	0.51	0.2	0.06	0	2.18
4.68	3.83	2.91	1.97	1.14	0.54	0.21	0.06	7.58	7.16	6.81	6.47	6.02	5.5	4.9	4.22	3.46	2.62	1.78	1.03	0.49	0.19	0.06	0	1.43
4.69	3.83	2.9	1.95	1.12	0.53	0.2	0.06	7.58	7.16	6.8	6.46	6.02	5.5	4.9	4.21	3.44	2.6	1.75	1.01	0.48	0.18	0.05	0	1.93
4.69	3.83	2.88	1.93	1.1	0.51	0.19	0.06	7.58	7.15	6.8	6.45	6.01	5.49	4.89	4.2	3.43	2.58	1.73	0.99	0.46	0.17	0.05	0	1.98
4.69	3.82	2.87	1.91	1.08	0.5	0.18	0.06	7.57	7.13	6.79	6.44	6	5.48	4.88	4.19	3.41	2.57	1.71	0.97	0.45	0.16	0.05	0	1.93
4.69	3.82	2.86	1.89	1.06	0.48	0.18	0.06	7.56	7.11	6.78	6.43	5.99	5.47	4.87	4.18	3.4	2.55	1.69	0.95	0.43	0.16	0.05	0	1.23
4.69	3.81	2.85	1.88	1.05	0.47	0.17	0.06	7.55	7.09	6.77	6.41	5.97	5.46	4.86	4.16	3.39	2.54	1.68	0.94	0.42	0.15	0.05	0	1.75
4.68	3.81	2.84	1.87	1.03	0.46	0.16	0.06	7.53	7.07	6.75	6.39	5.95	5.44	4.84	4.15	3.38	2.52	1.66	0.92	0.41	0.14	0.05	0	1.95
4.67	3.8	2.83	1.85	1.01	0.45	0.16	0.06	7.5	7.04	6.72	6.37	5.93	5.42	4.82	4.13	3.36	2.51	1.65	0.9	0.4	0.14	0.05	0	1.8
4.66	3.78	2.82	1.84	1	0.44	0.15	0.05	7.47	7.02	6.7	6.34	5.91	5.4	4.8	4.11	3.35	2.49	1.63	0.89	0.39	0.13	0.05	0	1.55
4.64	3.77	2.8	1.82	0.98	0.42	0.14	0.05	7.44	6.99	6.67	6.32	5.88	5.38	4.78	4.09	3.33	2.48	1.62	0.87	0.38	0.13	0.05	0	1.25
4.62	3.75	2.78	1.81	0.97	0.41	0.14	0.05	7.41	6.96	6.64	6.29	5.86	5.36	4.76	4.08	3.31	2.46	1.6	0.86	0.37	0.12	0.04	0	1.72
4.59	3.73	2.76	1.79	0.95	0.4	0.13	0.05	7.38	6.94	6.61	6.27	5.84	5.34	4.74	4.06	3.29	2.44	1.58	0.84	0.35	0.11	0.04	0	2.12
4.57	3.7	2.74	1.76	0.93	0.39	0.13	0.05	7.36	6.93	6.59	6.26	5.83	5.32	4.73	4.04	3.27	2.42	1.56	0.83	0.34	0.11	0.04	0	1.9
4.54	3.67	2.71	1.74	0.91	0.38	0.12	0.05	7.34	6.91	6.58	6.24	5.81	5.3	4.71	4.02	3.25	2.4	1.54	0.81	0.33	0.1	0.04	0	1.26
4.51	3.63	2.67	1.71	0.89	0.36	0.11	0.04	7.33	6.9	6.57	6.23	5.8	5.29	4.69	4	3.22	2.37	1.52	0.79	0.32	0.1	0.04	0	1.82
4.47	3.59	2.63	1.67	0.87	0.35	0.11	0.04	7.32	6.89	6.56	6.22	5.79	5.28	4.68	3.97	3.19	2.34	1.49	0.77	0.31	0.09	0.03	107.1	1.91
4.43	3.54	2.58	1.63	0.84	0.34	0.1	0.04	7.31	6.88	6.55	6.21	5.78	5.27	4.65	3.95	3.16	2.3	1.45	0.75	0.3	0.09	0.03	0	1.76
4.38	3.49	2.53	1.58	0.81	0.32	0.1	0.03	7.3	6.87	6.54	6.2	5.77	5.25	4.63	3.92	3.12	2.26	1.41	0.72	0.28	0.08	0.03	0	0.78
4.32	3.42	2.46	1.53	0.77	0.3	0.09	0.03	7.28	6.86	6.53	6.18	5.75	5.23	4.61	3.88	3.07	2.21	1.37	0.69	0.27	0.08	0.03	0	1.89
4.26	3.35	2.39	1.47	0.73	0.29	0.09	0.03	7.27	6.84	6.51	6.17	5.73	5.21	4.58	3.84	3.02	2.15	1.32	0.66	0.25	0.07	0.02	0	1.9
4.18	3.27	2.31	1.4	0.69																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
1.61	0.96	0.47	0.18	0.04	0.008	0.002	0.001	6.77	6.21	5.74	5.2	4.48	3.62	2.67	1.76	1.02	0.49	0.18	0.04	0.008	0.002	0.001	0	1.69	
1.57	0.93	0.46	0.17	0.04	0.007	0.002	0.001	6.73	6.15	5.67	5.13	4.41	3.56	2.61	1.72	1	0.48	0.17	0.04	0.007	0.002	0.001	0	2.04	
1.54	0.91	0.45	0.17	0.04	0.005	0.002	0.001	6.68	6.11	5.62	5.08	4.36	3.51	2.57	1.69	0.98	0.46	0.17	0.04	0.005	0.002	0.001	0	2.18	
1.51	0.89	0.43	0.16	0.04	0.004	0.002	0.001	6.65	6.06	5.57	5.02	4.31	3.46	2.54	1.67	0.96	0.45	0.16	0.03	0.004	0.002	0.001	0	2.14	
1.49	0.87	0.42	0.15	0.03	0.002	0.002	0.002	6.61	6.03	5.52	4.98	4.26	3.43	2.51	1.64	0.94	0.44	0.15	0.03	0.002	0.002	0.002	0	1.6	
1.47	0.85	0.4	0.14	0.03	0	0.001	0.002	6.57	6	5.48	4.94	4.23	3.4	2.49	1.62	0.92	0.42	0.14	0.03	0	0.001	0.002	0	1.79	
1.44	0.83	0.39	0.13		0.001	0.001	0.002	6.52	5.96	5.44	4.91	4.2	3.37	2.46	1.6	0.9	0.4	0.13		0.001	0.001	0.002	0	2.23	
1.41	0.81	0.37	0.12		0.001	0.001	0.002	6.48	5.93	5.4	4.87	4.16	3.34	2.43	1.57	0.87	0.38	0.11		0.001	0.001	0.002	0	2.11	
1.38	0.78	0.35	0.11		0.002	0.001	0.002	6.44	5.89	5.37	4.84	4.13	3.31	2.4	1.54	0.84	0.37	0.1		0.002	0.001	0.002	0	1.7	
1.35	0.75	0.33	0.09		0.002	0.002	0.002	6.4	5.85	5.33	4.8	4.09	3.27	2.36	1.5	0.81	0.34	0.09		0.002	0.002	0.002	0	1.89	
1.31	0.71	0.31	0.08		0.002	0.002	0.002	6.37	5.82	5.3	4.76	4.05	3.22	2.31	1.45	0.77	0.32	0.08		0.002	0.002	0.002	0	2.22	
1.26	0.68	0.28	0.07		0.002	0.002	0.002	6.35	5.78	5.27	4.72	4.01	3.17	2.26	1.4	0.73	0.29	0.07		0.002	0.002	0.002	0	2.22	
1.21	0.64	0.26	0.06		0.002	0.002	0.002	6.33	5.76	5.24	4.69	3.96	3.12	2.19	1.34	0.68	0.27	0.06		0.002	0.002	0.002	0	1.9	
1.15	0.59	0.23	0.05		0.002	0.002	0.003	6.32	5.73	5.21	4.65	3.91	3.05	2.12	1.28	0.64	0.24	0.05		0.002	0.002	0.003	0	1.43	
1.09	0.55	0.21	0.05		0.002	0.002	0.003	6.32	5.71	5.19	4.61	3.86	2.98	2.05	1.21	0.59	0.21	0.04		0.002	0.002	0.003	0	1.71	
1.03	0.51	0.19	0.04		0.002	0.002	0.003	6.31	5.68	5.15	4.56	3.79	2.91	1.97	1.14	0.54	0.19	0.04		0.002	0.002	0.003	0	2.15	
0.97	0.46	0.16	0.03		0.003	0.001	0.004	6.3	5.66	5.11	4.51	3.72	2.82	1.88	1.06	0.49	0.16	0.03		0.003	0.001	0.004	0	1.93	
0.9	0.42	0.14	0.02		0.003	0.001	0.004	6.27	5.62	5.07	4.44	3.65	2.74	1.79	0.99	0.44	0.14	0.02		0.003	0.001	0.004	0	1.64	
0.84	0.38	0.12	0.02		0.003	0.001	0.004	6.24	5.58	5.01	4.38	3.56	2.64	1.7	0.92	0.39	0.12	0.02		0.003	0.001	0.004	0	1.55	
0.78	0.34	0.1	0.01		0.002	0.001	0.004	6.21	5.53	4.95	4.31	3.48	2.55	1.61	0.85	0.35	0.1	0.01		0.002	0.001	0.004	0	1.73	
0.72	0.3	0.09	0.01		0.002	0.001	0.004	6.16	5.48	4.88	4.23	3.39	2.46	1.52	0.78	0.31	0.09	0.01		0.002	0.001	0.004	0	1.8	
0.67	0.27	0.07	0.008		0.001	0.001	0.003	6.11	5.42	4.81	4.16	3.31	2.37	1.44	0.72	0.27	0.07	0.008		0.001	0.001	0.003	0	1.23	
0.62	0.24	0.06	0.004	0.002	0.001	0.001	0.002	6.06	5.36	4.75	4.08	3.22	2.28	1.37	0.66	0.24	0.06	0.004	0.002		0.001	0.001	0.002	0	1.92
0.58	0.21	0.05	0.001	0.002	0.002	0.001	0.001	6	5.3	4.68	4	3.14	2.2	1.29	0.61	0.22	0.05	0.001	0.002	0.002	0.001	0.001	0.001	0	1.98
0.54	0.19		0.001	0.002	0.002	0.001	0.001	5.95	5.24	4.61	3.92	3.05	2.11	1.23	0.56	0.19		0.001	0.002	0.002	0.001	0.001	0	1.74	
0.5	0.17		0.003	0.002	0.003		0	5.9	5.17	4.53	3.84	2.97	2.03	1.16	0.52	0.17		0.003	0.002	0.003		0	0	1.59	
0.47	0.15		0.004	0.002	0.004		0.001	5.85	5.09	4.45	3.75	2.88	1.95	1.1	0.48	0.15		0.004	0.002	0.004		0.001	0	2	
0.44	0.14		0.004	0.003	0.004		0.001	5.8	5.02	4.37	3.65	2.78	1.86	1.03	0.45	0.14		0.004	0.003	0.004		0.001	0	2.11	
0.41	0.13		0.004	0.003	0.004		0.001	5.76	4.94	4.28	3.55	2.67	1.77	0.97	0.41	0.12		0.004	0.003	0.004		0.001	0	1.93	
0.38	0.12		0.003	0.004	0.004		0.001	5.72	4.85	4.18	3.44	2.56	1.67	0.9	0.38	0.11		0.003	0.004	0.004		0.001	0	1.53	
0.35	0.11		0.003	0.004	0.003		0.002	5.67	4.76	4.07	3.31	2.43	1.57	0.83	0.35	0.1		0.003	0.004	0.003		0.002	0	1.94	
0.33	0.1		0.002	0.004	0.003		0.002	5.62	4.66	3.95	3.18	2.3	1.46	0.77	0.32	0.1		0.002	0.004	0.003		0.002	0	2.1	
0.3	0.1		0	0.004	0.003		0.003	5.57	4.56	3.83	3.05	2.17	1.36	0.7	0.29	0.09		0	0.004	0.003		0.003	0	1.81	
0.28	0.09	0.02	0.002	0.004	0.003		0.003	5.51	4.47	3.71	2.92	2.05	1.26	0.64	0.27	0.08	0.01	0.002	0.004	0.003		0.003	0	1.52	
0.26	0.09	0.02	0.006	0.007	0.005		0.001	5.46	4.38	3.61	2.81	1.94	1.17	0.59	0.25	0.08	0.02	0.006	0.007	0.005		0.001	0	1.57	
0.24	0.09	0.03	0.01	0.009	0.007		0.001	5.41	4.31	3.52	2.72	1.85	1.1	0.55	0.23	0.08	0.02	0.008	0.009	0.007		0.001	0	1.27	
0.23	0.08	0.03	0.01	0.01	0.009		0.001	5.38	4.26	3.46	2.65	1.78	1.04	0.51	0.21	0.08	0.02	0.01	0.009	0.009		0.001	0	1.42	
0.22	0.08	0.03	0.01	0.01	0.01		0.001	5.35	4.22	3.41	2.6	1.74	1	0.48	0.2	0.07	0.02	0.01	0.01	0.009		0.001	0	1.45	
0.21	0.08	0.03	0.01	0.01	0.009		0.001	5.33	4.2	3.38	2.57	1.71	0.98	0.47	0.19	0.07	0.02	0.01	0.009	0.009		0.001	0	1.4	
0.2	0.07	0.03	0.01	0.01	0.009		0	5.32	4.19	3.37	2.56	1.7	0.97	0.46	0.18	0.06	0.02	0.01	0.008	0.009		0	0	1.49	
0.19	0.07	0.02	0.01	0.008	0.008	0.002	0	5.31	4.17	3.36	2.55	1.7	0.96	0.45	0.17	0.06	0.02	0.01	0.008	0.008	0.002	0	0	1.63	
0.19	0.06	0.02	0.01	0.007	0.007	0.001	0	5.29	4.15	3.34	2.53	1.69	0.96	0.44	0.17	0.05	0.02	0.008	0.007	0.007	0.001	0	0	1.88	
0.18	0.06	0.02	0.008	0.005	0.006	0.001	0.001	5.27	4.12	3.31	2.51	1.67	0.95	0.44	0.16	0.05	0.01	0.008	0.005	0.006	0.001	0.001	0	1.69	
0.18	0.06	0.02	0.008	0.004	0.005	0	0.001	5.24	4.07	3.26	2.47	1.65	0.93	0.43	0.16	0.05	0.01	0.008	0.004	0.005	0	0.001	0	1.57	
0.17	0.06	0.02	0.007	0.002	0.004	0	0	5.2	4.01	3.2	2.41	1.6	0.91	0.42	0.15	0.05	0.01	0.007	0.002	0.004	0	0	0	1.77	
0.17	0.06	0.02	0.008	0.003	0.004	0	0	5.16	3.92	3.11	2.33	1.55	0.87	0.4	0.15	0.05	0.01	0.008	0.003	0.004	0	0	0	1.39	
0.16	0.05	0.02	0.009	0.002	0.003	0	0	5.1	3.83	3	2.23	1.47	0.83	0.38	0.14	0.04	0.01	0.009	0.002	0.003	0	0	0	1.73	
0.15	0.05	0.02	0.008	0.001	0.003	0	0	5.03	3.71	2.88	2.11	1.37	0.77	0.35	0.13	0.04	0.01	0.008	0.001	0.003	0	0	0	1.7	
0.14	0.05	0.02	0.009	0.001	0.003	0	0	4.95	3.58	2.74	1.98	1.27	0.7	0.32	0.11	0.04	0.01	0.009	0.001	0.003	0	0	0	1.31	
0.12	0.04	0.02	0.01	0.003	0.004	0	0	4.88	3.46	2.6	1.85	1.16	0.63	0.28	0.1	0.03	0.01	0.009	0.003	0.004	0	0	133.4	1.89	
0.11	0.04	0.02	0.01	0.004	0.005	0	0	4.8	3.33	2.46	1.72	1.05	0.56	0.24	0.09	0.03	0.01	0.01	0.004	0.005	0	0	0	1.91	
0.09	0.03	0.02	0.01	0.006	0.007	0.001	0	4.72	3.21	2.33	1.59	0.94	0.49	0.21	0.07	0.03	0.01	0.01	0.006	0.007	0.001	0	0	1.75	
0.08	0.03	0.02	0.01	0.008	0.008	0.001	0	4.65	3.11	2.22	1.47	0.84	0.42	0.18	0.06	0.02	0.01	0.01	0.008	0.008	0.001	0	0	1.64	
0.06	0.02	0.02	0.01	0.009	0.009	0.001	0	4.59	3.03	2.12	1.38	0.76	0.36	0.14	0.05	0.02	0.01	0.01	0.009	0.009	0.001	0	0	2.11	
0.05	0.02	0.01	0.01	0.009			0.001	4.55	2.98	2.06	1.3	0.69	0.31	0.12	0.04	0.01	0.01	0.01	0.009</						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
			0.001	0.004		0.001	0.001	5.17	2.96	1.76	0.9	0.34	0.09					0.001	0.004		0.001	0.001	0	2.04
			0.001	0.005		0	0.002	5.22	2.98	1.78	0.9	0.33	0.09					0.001	0.005		0	0.002	0	2.01
			0.001	0.006	0.002	0	0.003	5.26	3	1.79	0.9	0.33	0.09					0.001	0.006	0.002	0	0.003	0	1.7
			0	0.007	0.003	0.001	0.004	5.28	3.01	1.79	0.9	0.33	0.08					0	0.007	0.003	0.001	0.004	0	1.17
		0.002	0.001	0.008	0.003	0.002	0.004	5.29	3.01	1.8	0.91	0.33	0.08				0.002	0.001	0.008	0.003	0.002	0.004	0	1.45
		0.001	0.001	0.009	0.004	0.002	0.004	5.3	3.01	1.8	0.91	0.34	0.08				0.001	0.001	0.009	0.004	0.002	0.004	0	1.73
		0.001	0.002	0.009	0.004	0.002	0.003	5.29	3.02	1.81	0.92	0.34	0.08				0.001	0.002	0.009	0.004	0.002	0.003	0	1.72
		0.001	0.001	0.008	0.005	0.002	0.003	5.29	3.02	1.81	0.93	0.35	0.09				0.001	0.001	0.008	0.005	0.002	0.003	0	1.67
		0.001	0.001	0.008	0.004	0.002	0.003	5.29	3.03	1.83	0.94	0.36	0.09				0.001	0.001	0.008	0.004	0.002	0.003	0	1.49
			0	0.007	0.004	0.002	0.003	5.3	3.05	1.85	0.96	0.37	0.1					0	0.007	0.004	0.002	0.003	0	1.57
			0.001	0.006	0.004	0.002	0.003	5.31	3.08	1.88	0.99	0.39	0.11					0.001	0.006	0.004	0.002	0.003	0	1.67
			0.001	0.006	0.004	0.003	0.004	5.33	3.12	1.92	1.02	0.41	0.12					0.001	0.006	0.004	0.003	0.004	0	1.91
			0.002	0.005	0.004	0.004	0.006	5.36	3.16	1.96	1.05	0.43	0.13					0.002	0.005	0.004	0.004	0.006	0	2.17
			0.001	0.005	0.005	0.005	0.008	5.38	3.2	2	1.09	0.46	0.14					0.001	0.005	0.005	0.005	0.008	0	2.19
			0.001	0.006	0.006	0.007	0.009	5.4	3.24	2.03	1.12	0.48	0.15	0.03				0.001	0.006	0.006	0.007	0.009	0	1.25
			0	0.005	0.006	0.008	0.01	5.4	3.26	2.06	1.14	0.5	0.16	0.03				0	0.005	0.006	0.008	0.008	0	2.27
		0.004	0	0.005	0.005	0.008	0.01	5.38	3.26	2.07	1.16	0.51	0.17	0.04			0.004	0	0.005	0.005	0.008	0.008	0	2.27
		0.004	0	0.003	0.004	0.007	0.01	5.35	3.24	2.07	1.16	0.51	0.17	0.04			0.004	0	0.003	0.004	0.007	0.008	0	2.1
		0.004	0	0.002	0.003	0.006	0.009	5.31	3.2	2.05	1.16	0.52	0.18	0.04			0.004	0	0.002	0.003	0.006	0.009	0	1.3
		0.004	0	0	0.001	0.005	0.007	5.25	3.15	2.01	1.14	0.51	0.18	0.04			0.004	0	0	0.001	0.005	0.007	155.2	2.03
		0.004			0	0.004	0.005	5.17	3.07	1.96	1.11	0.5	0.17	0.04			0.004			0	0.004	0.005	0	2.15
		0.004			0.001	0.003	0.004	5.09	2.98	1.9	1.07	0.48	0.17	0.04			0.004			0.001	0.003	0.004	0	1.89
		0.004			0.001	0.003	0.003	5	2.89	1.83	1.02	0.46	0.17	0.04			0.004			0.001	0.003	0.003	0	1.38
		0.003	0.001		0.002	0.002	0.002	4.9	2.78	1.75	0.98	0.44	0.16	0.04			0.003	0.001		0.002	0.002	0.002	0	1.92
0.008		0.002	0.001		0.002	0.001	0	4.8	2.69	1.68	0.93	0.42	0.15	0.04	0.008		0.002	0.001		0.002	0.001	0	0	2.14
0.01		0.001	0.002		0.002		0.001	4.7	2.6	1.61	0.88	0.4	0.15	0.04	0.01		0.001	0.002		0.002		0.001	0	1.88
0.01	0.005	0.001	0.004		0		0.001	4.6	2.52	1.55	0.85	0.38	0.14	0.04	0.01	0.005	0.001	0.004		0		0.001	0	1.09
0.01	0.007	0.003	0.006	0.008	0.002		0.001	4.52	2.46	1.5	0.82	0.37	0.14	0.04	0.01	0.007	0.003	0.006	0.008	0.002		0.001	0	1.99
0.01	0.009	0.005	0.007	0.009	0.003		0.001	4.45	2.42	1.47	0.8	0.36	0.14	0.04	0.01	0.009	0.005	0.007	0.009	0.003		0.001	0	2.32
0.01	0.01	0.006	0.008	0.009	0.005		0.001	4.4	2.4	1.45	0.79	0.36	0.14	0.04	0.01	0.01	0.006	0.008	0.009	0.005		0.001	0	2.33
0.02	0.01	0.006	0.008	0.009	0.005		0.001	4.37	2.41	1.46	0.8	0.36	0.14	0.04	0.01	0.009	0.006	0.008	0.009	0.005		0.001	0	2.06
0.02	0.01	0.006	0.008	0.008	0.004		0.001	4.35	2.42	1.48	0.82	0.37	0.14	0.04	0.01	0.009	0.006	0.008	0.008	0.004		0.001	0	1.32
0.02	0.01	0.006	0.007	0.007	0.004		0	4.34	2.45	1.51	0.84	0.38	0.15	0.05	0.01	0.009	0.006	0.007	0.007	0.004		0	0	2.14
0.02	0.01	0.006	0.006	0.006	0.004		0.001	4.34	2.49	1.55	0.87	0.39	0.15	0.05	0.01	0.009	0.006	0.006	0.006	0.004		0.001	0	2.34
0.02	0.01	0.005	0.005	0.004	0.003		0.001	4.34	2.53	1.59	0.9	0.41	0.16	0.05	0.01	0.008	0.005	0.005	0.004	0.003		0.001	0	2.15
0.02	0.01	0.005	0.004	0.003	0.003		0.001	4.35	2.57	1.63	0.93	0.42	0.16	0.05	0.02	0.008	0.005	0.004	0.003	0.003		0.001	0	1.29
0.02	0.01	0.005	0.005	0.002	0.003		0.001	4.35	2.6	1.67	0.96	0.44	0.17	0.05	0.02	0.008	0.005	0.005	0.002	0.003		0.001	0	1.87
0.02	0.01	0.005	0.006	0.002	0.003		0	4.35	2.64	1.7	0.98	0.45	0.17	0.05	0.02	0.009	0.005	0.006	0.002	0.003		0	0	1.94
0.02	0.01	0.005	0.007	0.001	0.004		0	4.36	2.67	1.74	1.01	0.46	0.17	0.06	0.02	0.009	0.005	0.007	0.001	0.004		0	0	1.5
0.02	0.01	0.006	0.007	0.001	0.004		0	4.38	2.7	1.77	1.03	0.47	0.18	0.06	0.02	0.009	0.006	0.007	0.001	0.004		0	0	1.25
0.03	0.01	0.006	0.007	0	0.004	0.002	0	4.4	2.73	1.8	1.06	0.49	0.18	0.06	0.02	0.01	0.006	0.007	0	0.004	0.002	0	0	1.45
0.03	0.01	0.007		0	0.004	0.001	0	4.43	2.76	1.83	1.08	0.5	0.19	0.06	0.02	0.01	0.007		0	0.004	0.001	0	0	1.58
0.03	0.01	0.007	0.006	0	0.004	0.001	0	4.46	2.79	1.86	1.1	0.52	0.2	0.07	0.02	0.01	0.007	0.006	0	0.004	0.001	0	0	1.67
0.03	0.01	0.006	0.005	0.001	0.004	0.001	0	4.49	2.83	1.89	1.12	0.53	0.21	0.07	0.03	0.01	0.006	0.005	0.001	0.004	0.001	0	0	1.79
0.03	0.01	0.006	0.004	0.001	0.003		0	4.52	2.85	1.91	1.14	0.55	0.22	0.08	0.03	0.01	0.006	0.004	0.001	0.003		0	0	1.35
0.04	0.01	0.006	0.003	0.001	0.003		0	4.54	2.88	1.94	1.17	0.57	0.23	0.09	0.03	0.01	0.006	0.003	0.001	0.003		0	0	1.53
0.04	0.01	0.006	0.001	0.002	0.003		0	4.56	2.91	1.96	1.19	0.59	0.25	0.09	0.04	0.01	0.006	0.001	0.002	0.003		0	0	1.81
0.04	0.01	0.005	0	0.001	0.003		0.001	4.57	2.93	1.99	1.22	0.61	0.26	0.1	0.04	0.01	0.005	0	0.001	0.003		0.001	0	1.99
0.05	0.01		0.001	0.001			0.001	4.57	2.96	2.02	1.24	0.64	0.28	0.11	0.04	0.01	0.001	0.001				0.001	0	2.34
0.05	0.01		0.002	0			0.001	4.58	2.99	2.06	1.28	0.66	0.29	0.12	0.05	0.01	0.002		0			0.001	0	2.27
0.05	0.02			0.001			0.001	4.59	3.03	2.1	1.32	0.69	0.31	0.13	0.05	0.01			0.001			0.001	0	1.72
0.06	0.02		0.002			0	0	4.61	3.08	2.15	1.36	0.73	0.33	0.14	0.05	0.01			0.002		0	0	0	2.24
0.06	0.02		0.003			0	0.001	4.63	3.13	2.21	1.42	0.77	0.36	0.15	0.06	0.01			0.003		0	0.001	0	2.22
0.06	0.02		0.004			0	0.001	4.67	3.18	2.27	1.47	0.8	0.38	0.16	0.06	0.01			0.004		0	0.001	0	1.99
0.06	0.02		0.005			0	0.002	4.7	3.23	2.33	1.52	0.84	0.4	0.17	0.06	0.02			0.005		0	0.002	0	1.91
0.06	0.02		0.005			0	0.002	4.72	3.28	2.38	1.56	0.88	0.42	0.17	0.06	0.02			0.005		0	0.002	0	2.28
0.07	0.02		0.005			0	0.002	4.74	3.31	2.42	1.6	0.9	0.44	0.18	0.07	0.02			0.005		0	0.002	0	2.37
0.07	0.02		0.005			0	0.002	4.74	3.33	2.45	1.63	0.93	0.45	0.19	0.07	0.02			0.005		0	0.002	0	1.94
0.07	0.02		0.005			0.001	0.001	4.74	3.34	2.46	1.64	0.94												

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.34	0.17	0.06	0.02		0.002	0	0.002	4.73	3.66	3	2.35	1.69	1.11	0.66	0.36	0.17	0.06	0.02		0.002	0	0.002	0	1.33
0.35	0.17	0.06	0.02		0.003	0.001	0.003	4.7	3.64	3	2.35	1.7	1.13	0.68	0.37	0.18	0.07	0.01		0.003	0.001	0.003	0	2.21
0.36	0.18	0.07	0.01		0.003	0.002	0.005	4.69	3.63	2.99	2.36	1.72	1.15	0.69	0.38	0.18	0.07	0.01		0.003	0.002	0.005	0	2.52
0.37	0.18	0.07	0.01		0.004	0.002	0.006	4.7	3.63	2.99	2.36	1.73	1.16	0.7	0.38	0.18	0.07	0.01		0.004	0.002	0.006	0	2.57
0.38	0.19	0.07			0.004	0.003	0.008	4.73	3.63	2.99	2.36	1.73	1.17	0.71	0.39	0.19	0.07			0.004	0.003	0.008	0	2.33
0.38	0.19	0.07			0.004	0.004	0.009	4.76	3.62	2.98	2.35	1.72	1.17	0.71	0.39	0.19	0.07			0.004	0.004	0.009	0	2.01
0.38	0.19	0.07			0.003	0.005	0.009	4.77	3.6	2.95	2.32	1.7	1.15	0.7	0.39	0.19	0.07			0.003	0.005	0.009	0	2.63
0.37	0.19	0.07	0.02		0.002	0.004	0.007	4.76	3.56	2.9	2.27	1.66	1.12	0.68	0.38	0.19	0.07	0.02		0.002	0.004	0.007	0	2.74
0.36	0.18	0.08	0.02		0.001	0.003	0.004	4.71	3.5	2.83	2.21	1.61	1.08	0.66	0.36	0.18	0.07	0.02		0.001	0.003	0.004	0	2.65
0.34	0.18	0.08	0.03	0.006	0.001	0.002	0.001	4.64	3.42	2.75	2.13	1.54	1.03	0.62	0.34	0.18	0.08	0.03	0.006	0.001	0.002	0.001	0	2.28
0.33	0.17	0.08	0.03	0.009	0.003		0.002	4.55	3.33	2.66	2.06	1.48	0.99	0.59	0.33	0.17	0.08	0.03	0.009	0.003		0.002	0	1.96
0.32	0.17	0.08	0.04	0.01	0.007		0.003	4.47	3.26	2.6	2	1.42	0.94	0.57	0.32	0.17	0.08	0.04	0.01	0.007		0.003	0	2.56
0.31	0.17	0.08	0.04	0.01	0.01		0.003	4.41	3.21	2.56	1.96	1.39	0.92	0.55	0.31	0.17	0.08	0.04	0.01	0.01		0.003	0	2.67
0.3	0.17	0.09	0.04	0.01	0.01		0.003	4.38	3.2	2.55	1.96	1.38	0.91	0.54	0.3	0.17	0.08	0.04	0.01	0.01		0.003	0	2.63
0.31	0.17	0.08	0.04	0.01	0.01		0.002	4.38	3.22	2.58	1.98	1.4	0.92	0.55	0.31	0.17	0.08	0.03	0.01	0.01		0.002	0	2.36
0.32	0.17	0.08	0.03	0.01	0.009		0.002	4.4	3.28	2.63	2.04	1.45	0.96	0.57	0.32	0.17	0.08	0.03	0.01	0.009		0.002	0	1.87
0.35	0.19	0.09	0.03	0.01	0.008		0.001	4.44	3.35	2.72	2.13	1.53	1.02	0.61	0.34	0.19	0.09	0.03	0.01	0.008		0.001	0	2.53
0.38	0.21	0.1	0.03	0.01	0.005		0.001	4.47	3.43	2.81	2.22	1.62	1.09	0.66	0.38	0.2	0.1	0.03	0.01	0.005		0.001	0	2.63
0.42	0.23	0.11	0.04	0.01	0.004		0.001	4.49	3.5	2.9	2.33	1.72	1.17	0.72	0.42	0.23	0.11	0.04	0.01	0.004		0.001	0	2.51
0.47	0.26	0.13	0.05	0.01	0.005		0.001	4.48	3.56	2.98	2.43	1.83	1.26	0.79	0.47	0.26	0.12	0.05	0.01	0.005		0.001	0	1.93
0.52	0.3	0.15	0.06	0.02	0.007	0.006	0	4.45	3.6	3.05	2.52	1.93	1.36	0.87	0.52	0.29	0.15	0.06	0.02	0.007	0.006	0	0	2.05
0.58	0.34	0.17	0.07	0.03	0.008		0	4.41	3.63	3.11	2.6	2.03	1.46	0.96	0.58	0.33	0.17	0.07	0.03	0.008		0	0	2.23
0.65	0.38	0.2	0.09	0.04	0.01	0.005	0	4.37	3.65	3.17	2.69	2.13	1.56	1.05	0.65	0.38	0.19	0.08	0.03	0.01	0.005	0	0	2.01
0.73	0.43	0.23	0.1	0.04	0.01	0.005	0	4.35	3.67	3.23	2.78	2.24	1.68	1.15	0.73	0.43	0.22	0.1	0.04	0.01	0.005	0	0	1.91
0.81	0.49	0.26	0.12	0.05	0.01	0.005	0.001	4.36	3.71	3.3	2.88	2.36	1.81	1.26	0.81	0.49	0.26	0.12	0.05	0.01	0.005	0.001	0	2.15
0.9	0.55	0.3	0.14	0.06	0.02	0.005	0.001	4.4	3.77	3.39	2.99	2.49	1.94	1.39	0.91	0.55	0.3	0.14	0.06	0.02	0.005	0.001	0	2.21
1	0.62	0.34	0.16	0.07	0.02	0.005	0.002	4.47	3.84	3.48	3.1	2.62	2.08	1.51	1.01	0.62	0.34	0.16	0.07	0.02	0.005	0.002	0	2.44
1.1	0.69	0.38	0.18	0.08	0.02	0.004	0.002	4.54	3.91	3.57	3.21	2.75	2.21	1.64	1.11	0.69	0.38	0.18	0.07	0.02	0.004	0.002	0	2.01
1.19	0.76	0.42	0.2	0.08	0.02	0.004	0.003	4.61	3.99	3.66	3.31	2.87	2.34	1.76	1.21	0.76	0.42	0.2	0.08	0.02	0.004	0.003	0	1.42
1.29	0.83	0.47	0.23	0.09	0.03	0.004	0.003	4.67	4.05	3.73	3.4	2.98	2.46	1.88	1.31	0.83	0.47	0.22	0.09	0.02	0.004	0.003	0	2.38
1.37	0.89	0.51	0.25	0.1	0.03	0.004	0.003	4.71	4.09	3.78	3.47	3.06	2.56	1.98	1.4	0.91	0.52	0.25	0.1	0.03	0.004	0.003	0	2.6
1.45	0.96	0.56	0.28	0.11	0.03	0.005	0.004	4.72	4.11	3.81	3.51	3.13	2.64	2.07	1.49	0.97	0.56	0.27	0.11	0.03	0.005	0.004	0	2.51
1.51	1.01	0.6	0.3	0.12	0.03	0.007	0.004	4.71	4.1	3.82	3.53	3.17	2.7	2.14	1.56	1.03	0.6	0.3	0.12	0.03	0.007	0.004	0	2.01
1.57	1.06	0.63	0.32	0.13	0.04	0.008	0.004	4.67	4.08	3.8	3.53	3.18	2.74	2.19	1.62	1.08	0.64	0.32	0.13	0.03	0.008	0.004	0	1.81
1.61	1.1	0.67	0.34	0.14	0.04	0.01	0.004	4.62	4.04	3.77	3.52	3.19	2.76	2.24	1.67	1.13	0.68	0.34	0.14	0.04	0.01	0.004	0	2.02
1.66	1.15	0.7	0.37	0.16	0.05	0.01	0.004	4.57	4.01	3.74	3.5	3.18	2.78	2.27	1.71	1.18	0.71	0.37	0.15	0.04	0.01	0.004	0	2.08
1.7	1.19	0.74	0.39	0.17	0.05	0.01	0.004	4.53	3.98	3.72	3.48	3.18	2.79	2.3	1.76	1.22	0.75	0.39	0.17	0.05	0.01	0.004	0	2.23
1.74	1.24	0.78	0.42	0.19	0.06	0.01	0.003	4.51	3.96	3.7	3.48	3.19	2.81	2.34	1.8	1.27	0.79	0.42	0.18	0.06	0.01	0.003	0	2.03
1.79	1.28	0.82	0.44	0.2	0.07	0.02	0.004	4.51	3.95	3.7	3.48	3.2	2.83	2.37	1.85	1.32	0.83	0.45	0.2	0.07	0.02	0.004	0	1.63
1.83	1.33	0.86	0.47	0.22	0.08	0.02	0.004	4.52	3.95	3.71	3.49	3.21	2.86	2.41	1.89	1.36	0.87	0.47	0.21	0.08	0.02	0.004	0	1.33
1.88	1.37	0.89	0.49	0.23	0.09	0.02	0.004	4.53	3.95	3.72	3.5	3.23	2.88	2.44	1.92	1.4	0.9	0.49	0.23	0.08	0.02	0.004	0	1.65
1.92	1.41	0.92	0.51	0.24	0.09	0.02	0.004	4.54	3.95	3.72	3.5	3.23	2.9	2.46	1.96	1.43	0.93	0.51	0.24	0.09	0.02	0.004	0	1.27
1.95	1.44	0.95	0.53	0.25	0.09	0.02	0.004	4.54	3.95	3.72	3.5	3.24	2.9	2.48	1.98	1.46	0.95	0.52	0.24	0.09	0.02	0.004	0	1.79
1.98	1.47	0.97	0.54	0.25	0.1	0.02	0.004	4.53	3.94	3.71	3.49	3.23	2.91	2.49	2	1.48	0.97	0.54	0.25	0.09	0.02	0.004	0	1.54
1.99	1.49	0.99	0.55	0.26	0.1	0.03	0.004	4.5	3.91	3.68	3.47	3.21	2.89	2.49	2.01	1.49	0.98	0.54	0.25	0.09	0.02	0.004	0	1.75
2	1.49	0.99	0.56	0.26	0.1	0.03	0.003	4.45	3.87	3.64	3.43	3.18	2.86	2.47	2	1.49	0.98	0.55	0.25	0.09	0.02	0.003	0	2.38
1.99	1.5	1	0.57	0.26	0.1	0.03	0.003	4.39	3.82	3.59	3.38	3.14	2.83	2.45	1.98	1.48	0.99	0.55	0.26	0.09	0.03	0.003	0	2.39
1.99	1.5	1.01	0.57	0.27	0.1	0.03	0.003	4.33	3.76	3.53	3.33	3.09	2.79	2.42	1.96	1.48	0.99	0.56	0.26	0.1	0.03	0.003	0	2.24
1.97	1.49	1.01	0.58	0.28	0.11	0.03	0.003	4.25	3.7	3.47	3.28	3.04	2.75	2.38	1.94	1.46	0.98	0.56	0.27	0.1	0.03	0.003	0	1.15
1.96	1.48	1.01	0.59	0.29	0.12	0.04	0.005	4.19	3.64	3.41	3.22	2.99	2.7	2.34	1.92	1.45	0.98	0.57	0.28	0.11	0.03	0.005	0	2
1.94	1.47	1.01	0.6	0.3	0.12	0.04	0.006	4.13	3.6	3.37	3.18	2.95	2.67	2.31	1.89	1.43	0.97	0.57	0.29	0.12	0.04	0.006	0	2.2
1.93	1.47	1	0.6	0.31	0.13	0.04	0.008	4.09	3.56	3.33	3.14	2.91	2.64	2.29	1.87	1.42	0.97	0.58	0.29	0.12	0.04	0.008	0	2.12
1.92	1.46	1	0.6	0.31	0.13	0.05	0.009	4.06	3.53	3.3	3.11	2.89	2.61	2.26	1.85	1.4	0.96	0.57	0.3	0.12	0.04	0.009	0	2.28
1.91	1.45	1	0.6	0.32	0.13	0.05	0.01	4.05	3.51	3.28	3.09	2.87	2.59	2.25	1.84	1.39	0.95	0.57	0.3	0.13	0.04	0.009	0	2.18
1.91	1.45	0.99	0.6	0.32	0.14	0.05	0.01	4.04	3.5	3.26	3.08	2.85</												

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.82	1.36	0.91	0.53	0.26	0.1	0.03	0.007	3.9	3.21	2.98	2.78	2.56	2.29	1.97	1.6	1.2	0.8	0.47	0.23	0.09	0.03	0.007	0	2.37
1.82	1.37	0.92	0.54	0.27	0.11	0.03	0.007	3.9	3.21	2.98	2.77	2.55	2.28	1.96	1.6	1.2	0.81	0.47	0.24	0.09	0.03	0.007	0	2.57
1.82	1.37	0.92	0.54	0.27	0.11	0.03	0.007	3.91	3.21	2.97	2.77	2.55	2.28	1.96	1.6	1.21	0.82	0.48	0.24	0.1	0.03	0.007	0	2.45
1.82	1.37	0.93	0.55	0.28	0.11	0.03	0.008	3.91	3.2	2.97	2.76	2.54	2.27	1.96	1.6	1.21	0.83	0.49	0.25	0.1	0.03	0.008	0	1.89
1.82	1.38	0.94	0.56	0.28	0.11	0.03	0.008	3.92	3.2	2.96	2.76	2.53	2.27	1.96	1.6	1.22	0.83	0.5	0.25	0.1	0.03	0.008	0	2.16
1.81	1.38	0.95	0.57	0.28	0.11	0.03	0.008	3.92	3.2	2.95	2.75	2.53	2.26	1.95	1.6	1.22	0.84	0.51	0.25	0.1	0.03	0.008	0	2.41
1.81	1.38	0.95	0.58	0.28	0.12	0.03	0.007	3.93	3.21	2.95	2.75	2.52	2.26	1.95	1.6	1.22	0.85	0.51	0.25	0.1	0.03	0.007	0	2.52
1.81	1.38	0.96	0.58	0.29	0.12	0.03	0.007	3.95	3.21	2.95	2.75	2.52	2.26	1.95	1.6	1.23	0.85	0.52	0.26	0.1	0.03	0.007	0	2.39
1.81	1.38	0.96	0.58	0.29	0.12	0.04	0.008	3.97	3.23	2.96	2.76	2.53	2.26	1.96	1.61	1.24	0.86	0.52	0.26	0.11	0.03	0.008	0	1.78
1.81	1.39	0.97	0.59	0.29	0.12	0.04	0.008	3.99	3.23	2.96	2.77	2.53	2.27	1.96	1.61	1.24	0.87	0.53	0.26	0.11	0.03	0.008	0	2.39
1.81	1.39	0.97	0.59	0.3	0.13	0.04	0.009	4	3.24	2.97	2.77	2.54	2.28	1.97	1.62	1.25	0.87	0.53	0.27	0.11	0.03	0.009	0	2.61
1.8	1.39	0.97	0.6	0.31	0.13	0.04	0.01	4.01	3.25	2.98	2.78	2.55	2.28	1.97	1.62	1.25	0.88	0.54	0.28	0.12	0.04	0.009	67.1	2.6
1.8	1.39	0.98	0.6	0.32	0.14	0.04	0.01	4.02	3.25	2.99	2.79	2.55	2.29	1.98	1.63	1.26	0.89	0.55	0.29	0.12	0.04	0.01	0	2.13
1.8	1.39	0.98	0.61	0.33	0.14	0.05	0.01	4.02	3.26	2.99	2.79	2.56	2.3	1.99	1.64	1.26	0.89	0.56	0.3	0.13	0.04	0.01	0	2.28
1.8	1.39	0.98	0.62	0.33	0.15	0.05	0.01	4.02	3.26	3.01	2.8	2.57	2.31	2	1.64	1.27	0.9	0.56	0.3	0.13	0.04	0.01	0	2.63
1.8	1.39	0.98	0.62	0.34	0.15	0.05	0.01	4.04	3.28	3.02	2.81	2.59	2.32	2.01	1.65	1.27	0.9	0.57	0.31	0.14	0.04	0.01	0	2.71
1.81	1.39	0.98	0.62	0.34	0.15	0.05	0.01	4.06	3.3	3.04	2.84	2.61	2.34	2.02	1.66	1.28	0.9	0.57	0.31	0.14	0.05	0.01	0	2.46
1.82	1.4	0.98	0.62	0.33	0.15	0.05	0.01	4.11	3.34	3.08	2.87	2.64	2.37	2.04	1.68	1.29	0.91	0.57	0.31	0.13	0.04	0.01	0	1.7
1.83	1.41	0.99	0.61	0.33	0.14	0.05	0.01	4.15	3.37	3.11	2.9	2.66	2.39	2.07	1.69	1.3	0.91	0.57	0.3	0.13	0.04	0.01	0	2.34
1.85	1.42	0.99	0.61	0.33	0.14	0.05	0.01	4.19	3.4	3.14	2.93	2.69	2.42	2.09	1.71	1.31	0.92	0.57	0.3	0.13	0.04	0.01	0	2.57
1.86	1.43	1	0.62	0.33	0.15	0.05	0.01	4.23	3.43	3.16	2.95	2.71	2.44	2.1	1.73	1.32	0.93	0.57	0.3	0.13	0.04	0.01	0	2.57
1.87	1.44	1.01	0.62	0.33	0.15	0.05	0.01	4.25	3.45	3.18	2.97	2.73	2.45	2.12	1.74	1.34	0.94	0.58	0.3	0.14	0.05	0.01	0	2.4
1.88	1.45	1.02	0.63	0.33	0.15	0.05	0.01	4.26	3.45	3.19	2.98	2.74	2.46	2.13	1.75	1.35	0.95	0.58	0.31	0.14	0.05	0.01	0	1.7
1.9	1.47	1.03	0.64	0.34	0.16	0.06	0.01	4.25	3.46	3.19	2.98	2.74	2.47	2.14	1.76	1.36	0.96	0.59	0.32	0.14	0.05	0.01	0	2.31
1.91	1.48	1.05	0.65	0.35	0.16	0.06	0.01	4.25	3.46	3.2	2.99	2.75	2.48	2.15	1.78	1.38	0.97	0.61	0.32	0.15	0.05	0.01	0	2.39
1.93	1.5	1.07	0.67	0.36	0.17	0.06	0.01	4.26	3.47	3.21	3	2.76	2.49	2.16	1.79	1.39	0.99	0.62	0.33	0.15	0.06	0.01	0	2.32
1.95	1.53	1.09	0.68	0.37	0.17	0.06	0.01	4.27	3.49	3.22	3.01	2.77	2.5	2.18	1.81	1.41	1.01	0.63	0.34	0.16	0.06	0.01	0	2.25
1.98	1.55	1.11	0.69	0.37	0.18	0.07	0.01	4.29	3.51	3.24	3.03	2.79	2.52	2.2	1.83	1.43	1.02	0.64	0.34	0.16	0.06	0.01	0	2.24
2	1.57	1.12	0.7	0.38	0.18	0.07	0.01	4.32	3.53	3.26	3.05	2.81	2.54	2.22	1.85	1.45	1.04	0.65	0.35	0.16	0.06	0.01	0	1.82
2.02	1.58	1.14	0.71	0.38	0.18	0.07	0.01	4.33	3.55	3.28	3.06	2.82	2.55	2.23	1.87	1.47	1.05	0.66	0.35	0.16	0.06	0.01	0	2.32
2.03	1.6	1.15	0.72	0.39	0.18	0.07	0.01	4.34	3.56	3.28	3.07	2.83	2.55	2.24	1.87	1.48	1.06	0.66	0.36	0.17	0.06	0.01	0	2.64
2.03	1.61	1.16	0.73	0.4	0.19	0.07	0.01	4.33	3.55	3.28	3.06	2.82	2.55	2.24	1.88	1.48	1.07	0.67	0.36	0.17	0.07	0.01	0	2.64
2.03	1.61	1.17	0.74	0.41	0.19	0.08	0.01	4.32	3.54	3.27	3.06	2.82	2.55	2.24	1.88	1.49	1.08	0.68	0.37	0.18	0.07	0.01	0	2.35
2.03	1.62	1.17	0.75	0.42	0.2	0.08	0.01	4.3	3.53	3.26	3.05	2.81	2.54	2.23	1.88	1.49	1.08	0.69	0.38	0.18	0.07	0.01	0	1.72
2.03	1.62	1.18	0.76	0.42	0.21	0.08	0.02	4.28	3.51	3.25	3.04	2.8	2.53	2.23	1.88	1.5	1.09	0.7	0.39	0.19	0.08	0.01	0	2.43
2.03	1.62	1.19	0.77	0.43	0.21	0.09	0.02	4.27	3.5	3.25	3.03	2.79	2.52	2.22	1.88	1.5	1.1	0.71	0.39	0.19	0.08	0.01	0	2.52
2.03	1.63	1.19	0.78	0.44	0.21	0.09	0.02	4.27	3.49	3.24	3.02	2.79	2.52	2.22	1.88	1.5	1.1	0.71	0.4	0.19	0.08	0.02	0	2.43
2.03	1.63	1.19	0.78	0.44	0.22	0.09	0.02	4.28	3.5	3.24	3.02	2.79	2.52	2.22	1.88	1.5	1.1	0.72	0.4	0.2	0.08	0.02	0	2.23
2.03	1.63	1.2	0.78	0.44	0.22	0.09	0.02	4.3	3.51	3.25	3.03	2.79	2.52	2.22	1.88	1.5	1.1	0.72	0.4	0.2	0.08	0.02	0	1.61
2.03	1.63	1.19	0.78	0.44	0.22	0.09	0.02	4.33	3.52	3.26	3.04	2.8	2.53	2.22	1.88	1.51	1.1	0.72	0.4	0.2	0.08	0.02	0	2.02
2.03	1.62	1.19	0.78	0.44	0.22	0.09	0.02	4.37	3.53	3.27	3.04	2.8	2.53	2.22	1.88	1.51	1.1	0.72	0.41	0.2	0.08	0.02	0	2.23
2.02	1.62	1.19	0.78	0.44	0.22	0.09	0.02	4.39	3.54	3.27	3.05	2.81	2.53	2.22	1.88	1.51	1.1	0.72	0.41	0.2	0.08	0.02	0	2.21
2.02	1.62	1.19	0.78	0.44	0.22	0.09	0.02	4.4	3.54	3.28	3.05	2.81	2.53	2.22	1.88	1.51	1.11	0.72	0.41	0.2	0.08	0.02	0	2.12
2.01	1.61	1.19	0.78	0.45	0.22	0.09	0.02	4.4	3.54	3.27	3.05	2.8	2.53	2.21	1.88	1.5	1.11	0.72	0.41	0.2	0.08	0.02	0	2.17
1.99	1.6	1.18	0.78	0.45	0.22	0.09	0.02	4.4	3.53	3.27	3.04	2.8	2.52	2.21	1.87	1.5	1.11	0.73	0.42	0.2	0.08	0.02	0	1.41
1.97	1.59	1.18	0.78	0.45	0.22	0.09	0.02	4.39	3.52	3.26	3.03	2.79	2.52	2.2	1.87	1.5	1.11	0.73	0.42	0.21	0.08	0.02	0	2.14
1.96	1.57	1.17	0.78	0.45	0.22	0.09	0.02	4.38	3.52	3.27	3.04	2.79	2.52	2.2	1.86	1.5	1.11	0.73	0.42	0.21	0.08	0.02	0	2.36
1.94	1.56	1.16	0.77	0.45	0.22	0.09	0.02	4.39	3.53	3.28	3.04	2.8	2.52	2.2	1.86	1.49	1.11	0.73	0.42	0.21	0.08	0.02	0	2.38
1.92	1.54	1.14	0.76	0.44	0.22	0.09	0.02	4.4	3.54	3.29	3.05	2.81	2.52	2.21	1.86	1.49	1.11	0.73	0.42	0.2	0.08	0.02	346.7	2.31
1.89	1.52	1.13	0.75	0.43	0.21	0.09	0.02	4.42	3.56	3.31	3.07	2.82	2.53	2.21	1.87	1.49	1.1	0.73	0.42	0.2	0.08	0.02	0	1.51
1.87	1.5	1.11	0.74	0.43	0.21	0.08	0.02	4.44	3.57	3.33	3.08	2.83	2.54	2.22	1.87	1.49	1.1	0.73	0.41	0.2	0.08	0.02	0	2.46
1.85	1.48	1.1	0.73	0.42	0.2	0.08	0.02	4.45	3.59	3.34	3.09	2.84	2.55	2.22	1.87	1.49	1.1	0.73	0.41	0.2	0.07	0.02	133	2.61
1.82	1.46	1.08	0.72	0.42	0.2	0.08	0.02	4.46	3.6	3.35	3.1	2.84	2.55	2.22	1.87	1.49	1.1	0.73	0.41	0.19	0.07	0.02	0	2.53
1.79	1.44	1.07	0.71	0.41	0.19	0.07	0.02	4.45	3.61	3.35	3.1	2.85	2.55	2.22	1.87	1.49	1.1	0.73	0.41	0.19	0.07	0.02	0	2.28
1.77	1.42	1.0																						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.68	1.37	1.02	0.68	0.39	0.18	0.07	0.02	4.51	3.84	3.57	3.32	3.02	2.71	2.36	1.98	1.6	1.18	0.77	0.44	0.2	0.07	0.02	0	2.43
1.7	1.37	1.02	0.67	0.39	0.18	0.06	0.01	4.53	3.85	3.58	3.32	3.03	2.71	2.36	1.98	1.59	1.17	0.76	0.43	0.19	0.07	0.01	0	2.3
1.71	1.37	1.02	0.67	0.38	0.17	0.06	0.01	4.56	3.86	3.58	3.32	3.03	2.72	2.36	1.98	1.58	1.16	0.75	0.42	0.19	0.07	0.01	0	1.71
1.72	1.38	1.02	0.67	0.38	0.17	0.06	0.01	4.58	3.87	3.59	3.33	3.04	2.72	2.36	1.98	1.58	1.15	0.74	0.41	0.18	0.07	0.01	0	1.72
1.73	1.39	1.02	0.66	0.37	0.17	0.06	0.01	4.61	3.88	3.59	3.33	3.04	2.73	2.37	1.98	1.57	1.14	0.73	0.4	0.18	0.06	0.01	0	2.04
1.74	1.39	1.02	0.66	0.37	0.17	0.06	0.01	4.64	3.88	3.6	3.34	3.05	2.73	2.37	1.98	1.57	1.13	0.73	0.4	0.18	0.06	0.01	0	1.98
1.76	1.4	1.02	0.66	0.36	0.16	0.06	0.01	4.68	3.89	3.61	3.34	3.05	2.74	2.37	1.98	1.57	1.13	0.72	0.39	0.17	0.06	0.01	0	1.7
1.77	1.4	1.02	0.65	0.36	0.16	0.06	0.01	4.71	3.9	3.62	3.35	3.06	2.74	2.38	1.99	1.57	1.12	0.72	0.38	0.17	0.06	0.01	0	1.74
1.78	1.41	1.02	0.65	0.35	0.16	0.05	0.01	4.75	3.91	3.64	3.36	3.07	2.75	2.39	1.99	1.57	1.12	0.71	0.38	0.17	0.06	0.01	0	1.79
1.79	1.42	1.02	0.65	0.35	0.16	0.05	0.01	4.78	3.93	3.66	3.38	3.09	2.76	2.4	2	1.57	1.12	0.71	0.37	0.16	0.06	0.01	0	1.68
1.81	1.43	1.03	0.65	0.35	0.15	0.05	0.01	4.81	3.95	3.67	3.39	3.1	2.77	2.41	2.01	1.58	1.13	0.71	0.37	0.16	0.05	0.01	0	1.65
1.83	1.44	1.04	0.66	0.35	0.15	0.05	0.01	4.85	3.97	3.7	3.41	3.12	2.79	2.42	2.02	1.59	1.13	0.71	0.37	0.16	0.05	0.01	0	2.03
1.85	1.46	1.05	0.67	0.35	0.15	0.05	0.01	4.87	4	3.72	3.44	3.14	2.81	2.44	2.04	1.6	1.14	0.72	0.37	0.16	0.05	0.01	0	1.56
1.87	1.48	1.07	0.67	0.35	0.15	0.05	0.01	4.89	4.02	3.74	3.46	3.16	2.83	2.46	2.06	1.62	1.16	0.72	0.37	0.16	0.05	0.01	0	1.37
1.89	1.5	1.08	0.68	0.36	0.15	0.05	0.01	4.91	4.05	3.76	3.48	3.18	2.84	2.48	2.07	1.64	1.17	0.73	0.38	0.16	0.05	0.01	0	1.91
1.91	1.52	1.1	0.69	0.36	0.15	0.05	0.01	4.92	4.07	3.78	3.5	3.19	2.86	2.49	2.09	1.65	1.18	0.74	0.38	0.16	0.05	0.01	0	1.64
1.93	1.54	1.12	0.7	0.37	0.15	0.05	0.01	4.93	4.1	3.8	3.51	3.21	2.87	2.51	2.11	1.67	1.2	0.75	0.38	0.16	0.05	0.01	0	1.43
1.95	1.56	1.13	0.72	0.37	0.15	0.05	0.01	4.94	4.12	3.81	3.53	3.22	2.88	2.52	2.12	1.69	1.21	0.76	0.39	0.16	0.05	0.01	0	1.73
1.97	1.58	1.15	0.73	0.38	0.16	0.05	0.01	4.94	4.14	3.83	3.54	3.23	2.9	2.53	2.13	1.7	1.23	0.77	0.4	0.16	0.05	0.01	0	1.66
1.99	1.6	1.16	0.74	0.39	0.16	0.06	0.01	4.95	4.16	3.84	3.56	3.25	2.91	2.54	2.15	1.71	1.24	0.78	0.4	0.17	0.06	0.01	0	1.81
2.01	1.61	1.18	0.75	0.4	0.17	0.06	0.01	4.96	4.18	3.85	3.57	3.26	2.92	2.55	2.16	1.73	1.25	0.79	0.41	0.17	0.06	0.01	0	1.84
2.03	1.63	1.19	0.76	0.41	0.17	0.06	0.01	4.97	4.19	3.87	3.59	3.28	2.93	2.57	2.17	1.74	1.26	0.8	0.42	0.18	0.06	0.01	0	1.44
2.05	1.65	1.21	0.77	0.42	0.18	0.06	0.01	4.99	4.21	3.89	3.61	3.29	2.95	2.58	2.19	1.75	1.27	0.81	0.43	0.18	0.06	0.01	0	1.81
2.07	1.67	1.22	0.78	0.43	0.19	0.07	0.01	5	4.23	3.91	3.63	3.31	2.96	2.59	2.2	1.76	1.28	0.82	0.44	0.19	0.07	0.01	0	2.07
2.09	1.68	1.23	0.79	0.43	0.19	0.07	0.01	5.01	4.25	3.92	3.64	3.32	2.98	2.6	2.21	1.77	1.29	0.82	0.45	0.2	0.07	0.01	0	1.67
2.1	1.7	1.24	0.8	0.44	0.2	0.07	0.01	5.02	4.26	3.94	3.66	3.34	2.99	2.61	2.21	1.78	1.3	0.83	0.45	0.2	0.07	0.01	0	1.89
2.12	1.71	1.25	0.81	0.45	0.2	0.07	0.01	5.03	4.27	3.95	3.67	3.34	3	2.62	2.22	1.78	1.3	0.84	0.46	0.21	0.07	0.01	0	1.42
2.13	1.72	1.26	0.82	0.45	0.21	0.08	0.01	5.03	4.28	3.95	3.67	3.35	3	2.62	2.22	1.78	1.3	0.84	0.46	0.21	0.08	0.01	0	1.74
2.14	1.72	1.27	0.83	0.46	0.21	0.08	0.01	5.02	4.28	3.95	3.68	3.35	3	2.63	2.22	1.78	1.3	0.84	0.46	0.21	0.08	0.01	0	1.57
2.15	1.73	1.28	0.83	0.46	0.21	0.08	0.01	5.02	4.28	3.95	3.68	3.35	3	2.62	2.22	1.78	1.3	0.84	0.46	0.21	0.08	0.01	0	1.58
2.16	1.74	1.28	0.84	0.46	0.21	0.08	0.01	5.01	4.28	3.95	3.67	3.35	3	2.62	2.21	1.78	1.3	0.85	0.46	0.21	0.08	0.01	0	1.44
2.17	1.74	1.29	0.84	0.46	0.21	0.08	0.01	5.01	4.28	3.95	3.67	3.34	2.99	2.62	2.21	1.77	1.3	0.84	0.46	0.21	0.08	0.01	0	1.78
2.17	1.75	1.29	0.84	0.47	0.22	0.08	0.01	5.01	4.27	3.94	3.66	3.34	2.99	2.61	2.2	1.77	1.3	0.84	0.46	0.21	0.08	0.01	0	1.73
2.18	1.75	1.29	0.84	0.47	0.22	0.08	0.01	5.01	4.27	3.94	3.65	3.33	2.98	2.6	2.2	1.76	1.3	0.84	0.46	0.21	0.08	0.01	0	1.66
2.18	1.75	1.29	0.84	0.47	0.22	0.08	0.02	5.01	4.26	3.94	3.65	3.32	2.97	2.6	2.19	1.76	1.29	0.84	0.46	0.21	0.08	0.01	0	1.58
2.19	1.75	1.3	0.84	0.47	0.22	0.09	0.02	5.01	4.26	3.93	3.64	3.32	2.97	2.59	2.18	1.75	1.29	0.83	0.46	0.21	0.08	0.02	0	1.5
2.19	1.76	1.3	0.84	0.47	0.22	0.09	0.02	5.01	4.26	3.93	3.64	3.31	2.96	2.58	2.18	1.74	1.28	0.83	0.46	0.22	0.08	0.02	0	1.53
2.19	1.76	1.29	0.84	0.47	0.22	0.09	0.02	5.01	4.25	3.92	3.63	3.31	2.96	2.58	2.17	1.73	1.27	0.82	0.46	0.22	0.09	0.02	0	1.38
2.2	1.76	1.29	0.84	0.47	0.22	0.09	0.02	5.01	4.25	3.92	3.63	3.3	2.95	2.57	2.16	1.72	1.26	0.82	0.46	0.22	0.09	0.02	0	1.43
2.2	1.75	1.29	0.83	0.47	0.23	0.09	0.02	5.01	4.24	3.91	3.62	3.29	2.94	2.56	2.15	1.71	1.25	0.81	0.45	0.22	0.09	0.02	0	1.52
2.2	1.75	1.28	0.83	0.47	0.22	0.09	0.02	5.01	4.23	3.9	3.61	3.29	2.93	2.55	2.14	1.7	1.24	0.8	0.45	0.21	0.09	0.02	0	1.94
2.2	1.75	1.27	0.82	0.46	0.22	0.09	0.02	5.01	4.22	3.89	3.6	3.28	2.92	2.54	2.13	1.69	1.23	0.79	0.44	0.21	0.08	0.02	0	1.99
2.2	1.74	1.27	0.82	0.46	0.22	0.09	0.02	5.01	4.2	3.88	3.59	3.26	2.91	2.53	2.12	1.68	1.21	0.78	0.44	0.21	0.08	0.02	0	1.84
2.2	1.74	1.26	0.81	0.46	0.22	0.09	0.02	5	4.18	3.86	3.57	3.25	2.9	2.52	2.1	1.66	1.2	0.77	0.44	0.21	0.08	0.02	0	2.35
2.2	1.74	1.26	0.81	0.46	0.22	0.09	0.02	4.99	4.16	3.85	3.56	3.23	2.88	2.5	2.09	1.65	1.2	0.77	0.44	0.21	0.08	0.02	0	2.08
2.2	1.73	1.26	0.81	0.46	0.22	0.09	0.02	4.97	4.14	3.83	3.54	3.22	2.87	2.49	2.08	1.64	1.19	0.77	0.44	0.21	0.08	0.02	0	1.82
2.19	1.73	1.26	0.81	0.46	0.23	0.09	0.02	4.96	4.12	3.81	3.52	3.2	2.85	2.47	2.07	1.63	1.18	0.76	0.43	0.21	0.08	0.02	0	2.01
2.19	1.73	1.26	0.82	0.46	0.23	0.09	0.02	4.94	4.1	3.79	3.5	3.18	2.83	2.46	2.06	1.63	1.18	0.76	0.43	0.21	0.08	0.02	0	2.19
2.19	1.73	1.26	0.82	0.47	0.23	0.09	0.02	4.94	4.08	3.77	3.48	3.16	2.82	2.45	2.05	1.62	1.18	0.76	0.43	0.21	0.08	0.02	0	2.31
2.19	1.73	1.26	0.82	0.47	0.23	0.09	0.02	4.93	4.07	3.76	3.46	3.15	2.8	2.44	2.04	1.62	1.18	0.77	0.43	0.21	0.08	0.02	0	1.96
2.19	1.74	1.27	0.83	0.47	0.23	0.09	0.02	4.94	4.07	3.75	3.45	3.14	2.8	2.43	2.04	1.62	1.18	0.77	0.44	0.21	0.08	0.02	0	1.14
2.2	1.75	1.28	0.84	0.48	0.23	0.09	0.02	4.96	4.07	3.74	3.45	3.13	2.79	2.43	2.04	1.62	1.18	0.78	0.44	0.21	0.08	0.02	0	2.36
2.2	1.76	1.29	0.85	0.48	0.23	0.09	0.02	4.98	4.07	3.74	3.45	3.13	2.79	2.43	2.04	1.63	1.19	0.78	0.44	0.21	0.08	0.02	236.9	1.98
2.21	1.77	1.3	0.86	0.49	0.23	0.09	0.02	5.01	4.09	3.75	3.45	3.13	2.79	2.43	2.04	1.63	1.2	0.79	0.45	0.21	0.09	0.02	0	1.52
2.22	1.78																							

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.94	1.59	1.21	0.83	0.49	0.24	0.09	0.02	4.89	4.18	3.85	3.54	3.21	2.86	2.49	2.1	1.71	1.29	0.87	0.51	0.24	0.09	0.02	0	1.78
1.93	1.57	1.2	0.82	0.49	0.23	0.09	0.02	4.9	4.18	3.86	3.55	3.22	2.87	2.49	2.11	1.71	1.29	0.87	0.51	0.24	0.09	0.02	0	2.34
1.91	1.56	1.19	0.82	0.48	0.23	0.09	0.02	4.9	4.19	3.87	3.56	3.23	2.87	2.5	2.11	1.71	1.29	0.87	0.5	0.23	0.09	0.02	0	2.49
1.9	1.55	1.18	0.81	0.48	0.23	0.09	0.02	4.92	4.21	3.89	3.58	3.24	2.88	2.51	2.12	1.72	1.29	0.87	0.5	0.23	0.09	0.02	0	2.39
1.89	1.54	1.17	0.8	0.47	0.22	0.08	0.02	4.95	4.23	3.9	3.6	3.26	2.9	2.52	2.13	1.72	1.29	0.87	0.5	0.23	0.08	0.02	0	2.05
1.88	1.54	1.16	0.79	0.46	0.22	0.08	0.02	4.99	4.26	3.93	3.62	3.28	2.92	2.53	2.13	1.72	1.29	0.86	0.49	0.23	0.08	0.02	0	1.76
1.88	1.53	1.15	0.78	0.46	0.21	0.08	0.02	5.04	4.3	3.96	3.65	3.3	2.94	2.55	2.14	1.73	1.29	0.86	0.49	0.22	0.08	0.02	0	2.31
1.87	1.52	1.14	0.77	0.45	0.21	0.08	0.02	5.08	4.34	3.99	3.69	3.33	2.96	2.56	2.15	1.73	1.28	0.85	0.48	0.22	0.08	0.02	61.5	2.37
1.87	1.51	1.13	0.76	0.44	0.2	0.07	0.02	5.13	4.37	4.02	3.72	3.36	2.98	2.58	2.16	1.72	1.27	0.84	0.47	0.21	0.07	0.02	0	2.02
1.86	1.5	1.12	0.75	0.43	0.2	0.07	0.02	5.17	4.4	4.05	3.74	3.38	3	2.59	2.16	1.72	1.26	0.83	0.46	0.21	0.07	0.02	0	1.66
1.86	1.49	1.1	0.74	0.42	0.19	0.07	0.02	5.2	4.43	4.08	3.77	3.41	3.02	2.61	2.17	1.72	1.26	0.82	0.45	0.2	0.07	0.02	0	1.71
1.86	1.48	1.1	0.73	0.41	0.19	0.07	0.02	5.23	4.46	4.11	3.79	3.43	3.04	2.62	2.18	1.72	1.25	0.81	0.45	0.2	0.07	0.02	0	1.89
1.86	1.48	1.09	0.72	0.4	0.18	0.06	0.02	5.26	4.48	4.14	3.82	3.45	3.06	2.64	2.19	1.73	1.25	0.81	0.44	0.2	0.06	0.01	0	1.97
1.86	1.48	1.08	0.71	0.39	0.18	0.06	0.01	5.29	4.5	4.17	3.84	3.47	3.08	2.65	2.2	1.73	1.25	0.8	0.43	0.19	0.06	0.01	0	2.07
1.86	1.48	1.08	0.71	0.39	0.18	0.06	0.01	5.3	4.52	4.18	3.85	3.49	3.09	2.67	2.21	1.73	1.25	0.8	0.43	0.19	0.06	0.01	0	2
1.86	1.48	1.08	0.7	0.38	0.17	0.06	0.01	5.31	4.53	4.19	3.86	3.5	3.1	2.67	2.21	1.74	1.24	0.79	0.42	0.18	0.06	0.01	0	1.75
1.86	1.48	1.08	0.69	0.38	0.17	0.06	0.01	5.31	4.54	4.2	3.87	3.51	3.11	2.68	2.22	1.74	1.25	0.79	0.41	0.18	0.06	0.01	0	1.94
1.86	1.48	1.08	0.69	0.38	0.17	0.06	0.01	5.3	4.54	4.2	3.87	3.51	3.11	2.68	2.23	1.75	1.25	0.78	0.41	0.18	0.06	0.01	0	2.3
1.87	1.48	1.08	0.69	0.37	0.17	0.06	0.01	5.29	4.54	4.2	3.87	3.5	3.11	2.68	2.23	1.75	1.25	0.78	0.41	0.18	0.06	0.01	0	2.11
1.87	1.49	1.08	0.69	0.38	0.17	0.06	0.01	5.27	4.53	4.19	3.86	3.5	3.11	2.68	2.23	1.75	1.26	0.79	0.41	0.18	0.06	0.01	0	1.38
1.87	1.49	1.09	0.7	0.38	0.17	0.06	0.01	5.26	4.53	4.19	3.86	3.49	3.1	2.68	2.23	1.76	1.26	0.79	0.42	0.18	0.06	0.01	0	2.2
1.87	1.5	1.09	0.7	0.38	0.17	0.06	0.01	5.24	4.52	4.18	3.85	3.49	3.1	2.68	2.23	1.76	1.27	0.8	0.42	0.18	0.06	0.01	0	2.35
1.88	1.5	1.1	0.71	0.38	0.17	0.06	0.01	5.23	4.5	4.17	3.84	3.48	3.09	2.67	2.23	1.77	1.27	0.8	0.42	0.18	0.06	0.01	0	2.24
1.88	1.5	1.1	0.71	0.39	0.17	0.06	0.01	5.22	4.49	4.16	3.83	3.46	3.08	2.66	2.23	1.77	1.28	0.8	0.42	0.18	0.06	0.01	0	1.83
1.88	1.51	1.11	0.71	0.39	0.17	0.06	0.01	5.2	4.48	4.14	3.81	3.45	3.07	2.66	2.23	1.77	1.28	0.81	0.43	0.19	0.06	0.01	100.2	2.45
1.88	1.51	1.11	0.72	0.39	0.18	0.06	0.01	5.19	4.46	4.13	3.8	3.44	3.05	2.65	2.22	1.77	1.28	0.81	0.43	0.19	0.06	0.01	0	2.41
1.88	1.51	1.11	0.72	0.4	0.18	0.06	0.01	5.17	4.45	4.11	3.78	3.42	3.04	2.64	2.22	1.76	1.28	0.82	0.44	0.19	0.07	0.01	0	1.95
1.88	1.51	1.12	0.73	0.4	0.18	0.06	0.01	5.16	4.43	4.09	3.77	3.41	3.03	2.63	2.21	1.76	1.28	0.82	0.44	0.19	0.07	0.01	0	1.2
1.88	1.51	1.12	0.73	0.41	0.18	0.07	0.01	5.16	4.42	4.08	3.76	3.4	3.02	2.62	2.2	1.76	1.28	0.82	0.44	0.2	0.07	0.01	0	1.4
1.88	1.51	1.12	0.74	0.41	0.19	0.07	0.01	5.17	4.42	4.07	3.75	3.39	3.01	2.62	2.2	1.75	1.28	0.82	0.45	0.2	0.07	0.01	0	2.12
1.88	1.51	1.12	0.73	0.41	0.19	0.07	0.01	5.2	4.42	4.08	3.75	3.39	3.01	2.61	2.19	1.75	1.28	0.82	0.45	0.2	0.07	0.01	0	2.38
1.89	1.51	1.12	0.73	0.4	0.19	0.07	0.01	5.25	4.44	4.1	3.76	3.4	3.01	2.62	2.19	1.74	1.27	0.82	0.44	0.2	0.07	0.01	0	2.51
1.9	1.52	1.12	0.72	0.4	0.18	0.06	0.01	5.31	4.47	4.13	3.78	3.42	3.03	2.62	2.2	1.74	1.26	0.81	0.43	0.19	0.06	0.01	0	2.44
1.9	1.52	1.11	0.72	0.39	0.18	0.06	0.01	5.38	4.51	4.16	3.81	3.44	3.04	2.63	2.2	1.74	1.26	0.8	0.42	0.18	0.06	0.01	0	1.79
1.92	1.53	1.11	0.71	0.38	0.17	0.06	0.01	5.44	4.55	4.19	3.84	3.46	3.06	2.64	2.21	1.74	1.25	0.79	0.41	0.18	0.06	0.01	0	2.4
1.92	1.53	1.11	0.71	0.38	0.17	0.06	0.01	5.49	4.59	4.22	3.86	3.48	3.07	2.65	2.21	1.74	1.25	0.78	0.41	0.17	0.06	0.01	0	2.6
1.93	1.53	1.11	0.7	0.38	0.17	0.06	0.01	5.52	4.62	4.23	3.87	3.49	3.08	2.66	2.22	1.75	1.24	0.78	0.41	0.17	0.06	0.01	0	2.47
1.94	1.54	1.11	0.71	0.38	0.17	0.06	0.01	5.52	4.62	4.23	3.88	3.49	3.08	2.66	2.22	1.75	1.24	0.78	0.41	0.18	0.06	0.01	0	2.34
1.94	1.54	1.11	0.71	0.38	0.17	0.06	0.01	5.5	4.62	4.23	3.87	3.49	3.08	2.66	2.22	1.75	1.25	0.78	0.41	0.18	0.06	0.01	0	1.59
1.94	1.55	1.12	0.71	0.39	0.17	0.06	0.01	5.47	4.62	4.21	3.87	3.48	3.08	2.66	2.22	1.75	1.25	0.78	0.42	0.18	0.06	0.01	0	1.33
1.95	1.55	1.12	0.72	0.39	0.18	0.06	0.01	5.43	4.61	4.2	3.86	3.48	3.08	2.66	2.22	1.75	1.25	0.79	0.42	0.18	0.06	0.01	0	2.46
1.95	1.55	1.13	0.72	0.39	0.18	0.06	0.01	5.4	4.6	4.2	3.86	3.48	3.08	2.66	2.23	1.75	1.26	0.79	0.42	0.18	0.06	0.01	0	2.59
1.96	1.56	1.13	0.72	0.39	0.18	0.06	0.01	5.39	4.6	4.2	3.87	3.49	3.09	2.67	2.23	1.76	1.26	0.79	0.42	0.18	0.06	0.01	0	2.52
1.97	1.56	1.13	0.72	0.39	0.18	0.06	0.01	5.4	4.62	4.22	3.89	3.51	3.11	2.68	2.24	1.76	1.26	0.79	0.42	0.18	0.06	0.01	0	2.32
1.98	1.57	1.14	0.72	0.39	0.18	0.06	0.01	5.42	4.64	4.25	3.91	3.53	3.13	2.7	2.25	1.77	1.27	0.79	0.42	0.18	0.06	0.01	0	1.67
2	1.59	1.15	0.73	0.4	0.18	0.06	0.01	5.44	4.66	4.28	3.94	3.56	3.15	2.72	2.27	1.79	1.28	0.79	0.42	0.18	0.06	0.01	0	2.41
2.02	1.6	1.16	0.73	0.4	0.18	0.06	0.01	5.47	4.69	4.3	3.96	3.58	3.18	2.74	2.29	1.8	1.29	0.8	0.43	0.19	0.06	0.01	0	2.53
2.03	1.62	1.17	0.74	0.4	0.18	0.06	0.01	5.49	4.7	4.32	3.98	3.6	3.19	2.76	2.3	1.81	1.29	0.81	0.43	0.19	0.06	0.01	0	2.52
2.05	1.63	1.18	0.75	0.41	0.18	0.06	0.01	5.51	4.72	4.34	4	3.62	3.21	2.77	2.31	1.82	1.3	0.81	0.44	0.19	0.07	0.01	0	2.02
2.06	1.64	1.18	0.75	0.41	0.18	0.07	0.01	5.52	4.73	4.35	4.01	3.63	3.22	2.78	2.32	1.83	1.31	0.82	0.44	0.19	0.07	0.01	0	2.1
2.07	1.65	1.19	0.76	0.42	0.19	0.07	0.01	5.54	4.75	4.37	4.02	3.64	3.23	2.79	2.33	1.84	1.32	0.83	0.45	0.19	0.07	0.01	0	2.44
2.08	1.66	1.2	0.77	0.42	0.19	0.07	0.01	5.56	4.77	4.38	4.03	3.65	3.24	2.8	2.34	1.85	1.33	0.83	0.45	0.2	0.07	0.01	0	2.48
2.09	1.67	1.21	0.77	0.43	0.19	0.07	0.01	5.6	4.79	4.4	4.05	3.66	3.25	2.81	2.35	1.86	1.33	0.84	0.45	0.2	0.07	0.01	0	2.04
2.1	1.67	1.21	0.78	0.43	0.19	0.07	0.01	5.64	4.82	4.42	4.07	3.68	3.26	2.82	2.36	1.86	1.34	0.84	0.45	0.2	0.07	0.01	0	1.55
2.11	1.68	1.22																						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
2.22	1.82	1.39	0.95	0.55	0.27	0.1	0.02	4.87	3.95	3.55	3.25	2.94	2.61	2.28	1.95	1.6	1.22	0.84	0.49	0.24	0.09	0.02	0	2.55	
2.22	1.81	1.38	0.95	0.55	0.27	0.1	0.03	4.86	3.94	3.55	3.25	2.93	2.61	2.28	1.94	1.59	1.21	0.83	0.49	0.24	0.09	0.02	0	2.34	
2.22	1.82	1.38	0.94	0.55	0.27	0.1	0.03	4.87	3.94	3.56	3.26	2.94	2.62	2.29	1.95	1.59	1.21	0.83	0.48	0.23	0.09	0.02	0	1.7	
2.23	1.82	1.37	0.93	0.54	0.26	0.1	0.02	4.9	3.96	3.58	3.28	2.96	2.63	2.3	1.96	1.59	1.21	0.82	0.48	0.23	0.09	0.02	0	2.13	
2.24	1.82	1.37	0.92	0.53	0.26	0.1	0.02	4.94	3.99	3.61	3.3	2.98	2.65	2.31	1.96	1.59	1.2	0.81	0.47	0.23	0.08	0.02	0	2.07	
2.25	1.82	1.36	0.91	0.52	0.25	0.09	0.02	4.98	4.01	3.63	3.33	3	2.67	2.32	1.97	1.6	1.19	0.8	0.46	0.22	0.08	0.02	0	0.94	
2.26	1.82	1.35	0.9	0.52	0.25	0.09	0.02	5.02	4.04	3.65	3.34	3.02	2.68	2.33	1.97	1.59	1.19	0.79	0.45	0.22	0.08	0.02	0	1.19	
2.26	1.82	1.35	0.89	0.51	0.24	0.09	0.02	5.05	4.05	3.66	3.35	3.03	2.69	2.34	1.97	1.59	1.18	0.78	0.45	0.21	0.08	0.02	0	2.14	
2.26	1.82	1.34	0.89	0.5	0.24	0.09	0.02	5.07	4.06	3.67	3.36	3.03	2.69	2.34	1.97	1.59	1.18	0.78	0.44	0.21	0.08	0.02	0	2.49	
2.26	1.81	1.34	0.88	0.5	0.24	0.09	0.02	5.07	4.06	3.66	3.35	3.02	2.69	2.34	1.97	1.58	1.17	0.77	0.44	0.21	0.08	0.02	0	1.99	
2.26	1.81	1.34	0.88	0.5	0.23	0.09	0.02	5.08	4.05	3.66	3.35	3.02	2.68	2.33	1.97	1.58	1.17	0.77	0.44	0.2	0.07	0.02	0	1.43	
2.25	1.8	1.33	0.87	0.49	0.23	0.08	0.02	5.08	4.05	3.65	3.34	3.01	2.67	2.33	1.96	1.57	1.16	0.77	0.43	0.2	0.07	0.02	0	2.07	
2.25	1.8	1.33	0.87	0.49	0.23	0.08	0.02	5.09	4.04	3.65	3.33	3	2.67	2.32	1.96	1.57	1.16	0.76	0.43	0.2	0.07	0.01	0	2.37	
2.24	1.8	1.32	0.87	0.48	0.22	0.08	0.02	5.1	4.04	3.64	3.32	2.99	2.66	2.31	1.95	1.57	1.16	0.76	0.42	0.19	0.07	0.01	0	2.53	
2.24	1.79	1.32	0.86	0.48	0.22	0.08	0.02	5.11	4.04	3.64	3.32	2.98	2.65	2.31	1.94	1.56	1.15	0.75	0.42	0.19	0.07	0.01	0	2.44	
2.23	1.79	1.31	0.86	0.47	0.21	0.08	0.01	5.11	4.03	3.63	3.31	2.97	2.64	2.3	1.94	1.55	1.15	0.75	0.41	0.19	0.07	0.01	0	1.57	
2.22	1.78	1.31	0.85	0.47	0.21	0.08	0.01	5.11	4.02	3.62	3.3	2.97	2.63	2.29	1.93	1.55	1.14	0.74	0.41	0.18	0.07	0.01	0	2.45	
2.21	1.77	1.31	0.85	0.47	0.21	0.08	0.01	5.08	4	3.6	3.28	2.95	2.62	2.28	1.92	1.54	1.14	0.74	0.41	0.18	0.07	0.01	0	2.69	
2.2	1.77	1.3	0.85	0.47	0.21	0.07	0.01	5.03	3.97	3.57	3.26	2.93	2.6	2.26	1.91	1.54	1.13	0.74	0.41	0.18	0.06	0.01	0	2.59	
2.18	1.76	1.3	0.85	0.47	0.21	0.07	0.02	4.97	3.94	3.54	3.23	2.9	2.58	2.24	1.9	1.53	1.13	0.74	0.41	0.18	0.06	0.01	0	2.16	
2.17	1.75	1.29	0.85	0.47	0.21	0.07	0.02	4.9	3.9	3.51	3.2	2.88	2.56	2.23	1.89	1.52	1.13	0.74	0.41	0.18	0.06	0.01	0	1.7	
2.16	1.74	1.29	0.85	0.47	0.21	0.07	0.02	4.84	3.86	3.48	3.18	2.86	2.54	2.22	1.88	1.51	1.12	0.74	0.42	0.19	0.06	0.01	0	2.48	
2.15	1.73	1.28	0.85	0.48	0.21	0.07	0.02	4.8	3.84	3.45	3.16	2.85	2.53	2.21	1.87	1.51	1.12	0.74	0.42	0.19	0.06	0.02	0	2.57	
2.15	1.73	1.28	0.84	0.47	0.21	0.07	0.02	4.77	3.82	3.45	3.16	2.85	2.53	2.21	1.87	1.51	1.12	0.74	0.41	0.19	0.06	0.02	0	2.6	
2.15	1.72	1.27	0.83	0.46	0.21	0.07	0.02	4.78	3.83	3.46	3.16	2.86	2.54	2.21	1.87	1.5	1.11	0.73	0.41	0.18	0.06	0.01	0	2.47	
2.15	1.72	1.26	0.82	0.46	0.2	0.07	0.02	4.8	3.84	3.48	3.18	2.87	2.56	2.23	1.88	1.51	1.11	0.72	0.4	0.18	0.06	0.01	0	2.07	
2.16	1.72	1.26	0.82	0.45	0.2	0.06	0.02	4.83	3.86	3.5	3.2	2.89	2.57	2.24	1.89	1.51	1.11	0.72	0.4	0.17	0.05	0.01	0	2.14	
2.16	1.72	1.25	0.81	0.44	0.19	0.06	0.01	4.86	3.89	3.53	3.23	2.91	2.59	2.25	1.89	1.51	1.1	0.71	0.39	0.17	0.05	0.01	69	2.53	
2.17	1.72	1.25	0.81	0.44	0.19	0.06	0.01	4.88	3.91	3.55	3.25	2.93	2.61	2.27	1.91	1.52	1.11	0.72	0.39	0.17	0.05	0.01	0	2.68	
2.17	1.72	1.26	0.81	0.44	0.19	0.06	0.01	4.89	3.92	3.56	3.26	2.94	2.62	2.28	1.91	1.52	1.11	0.72	0.39	0.17	0.05	0.01	0	2.51	
2.17	1.73	1.26	0.81	0.44	0.19	0.06	0.01	4.88	3.93	3.57	3.27	2.95	2.63	2.29	1.92	1.53	1.12	0.72	0.39	0.17	0.05	0.01	0	2.06	
2.17	1.73	1.26	0.81	0.44	0.19	0.06	0.01	4.87	3.93	3.57	3.27	2.95	2.63	2.29	1.93	1.54	1.13	0.73	0.39	0.17	0.05	0.01	0	1.96	
2.16	1.73	1.27	0.82	0.44	0.19	0.06	0.01	4.86	3.94	3.57	3.27	2.96	2.64	2.3	1.94	1.55	1.14	0.73	0.4	0.17	0.05	0.01	0	2.45	
2.16	1.73	1.27	0.82	0.44	0.18	0.06	0.01	4.85	3.95	3.57	3.28	2.96	2.64	2.3	1.95	1.56	1.15	0.74	0.4	0.16	0.05	0.01	0	2.6	
2.16	1.74	1.27	0.82	0.44	0.18	0.06	0.01	4.86	3.96	3.58	3.28	2.97	2.65	2.31	1.96	1.57	1.16	0.74	0.4	0.16	0.05	0.01	0	2.49	
2.16	1.74	1.28	0.82	0.44	0.18	0.06	0.01	4.88	3.98	3.59	3.3	2.98	2.66	2.32	1.96	1.58	1.16	0.74	0.4	0.16	0.05	0.01	0	2.15	
2.16	1.74	1.28	0.82	0.43	0.18	0.06	0.01	4.91	4	3.61	3.31	2.99	2.67	2.33	1.97	1.59	1.17	0.75	0.4	0.16	0.05	0.01	0	1.9	
2.16	1.74	1.28	0.82	0.43	0.18	0.06	0.01	4.94	4.02	3.63	3.33	3.01	2.69	2.35	1.99	1.61	1.18	0.75	0.4	0.16	0.05	0.01	0	2.43	
2.15	1.74	1.28	0.82	0.43	0.18	0.06	0.01	4.97	4.05	3.66	3.35	3.03	2.7	2.36	2	1.62	1.19	0.76	0.4	0.16	0.05	0.01	0	2.51	
2.15	1.74	1.29	0.82	0.44	0.18	0.06	0.01	4.98	4.07	3.68	3.37	3.05	2.72	2.37	2.01	1.63	1.2	0.77	0.4	0.16	0.05	0.01	0	2.47	
2.15	1.74	1.29	0.83	0.44	0.18	0.06	0.01	4.99	4.08	3.7	3.39	3.07	2.73	2.39	2.03	1.64	1.21	0.78	0.41	0.17	0.05	0.01	0	2.06	
2.15	1.74	1.3	0.84	0.45	0.19	0.06	0.01	4.99	4.1	3.72	3.41	3.08	2.75	2.41	2.04	1.66	1.23	0.79	0.42	0.17	0.05	0.01	0	1.53	
2.14	1.74	1.3	0.84	0.45	0.19	0.06	0.01	4.99	4.12	3.75	3.43	3.1	2.77	2.42	2.06	1.67	1.24	0.77	0.8	0.43	0.18	0.06	0.01	0	2.15
2.14	1.74	1.3	0.85	0.46	0.2	0.07	0.01	5.01	4.14	3.77	3.46	3.13	2.79	2.44	2.08	1.69	1.25	0.81	0.44	0.18	0.06	0.01	0	2.32	
2.14	1.74	1.3	0.85	0.46	0.2	0.07	0.01	5.03	4.17	3.81	3.49	3.16	2.82	2.47	2.09	1.7	1.26	0.82	0.44	0.19	0.06	0.01	0	2.36	
2.14	1.74	1.3	0.85	0.46	0.21	0.07	0.01	5.08	4.22	3.85	3.53	3.19	2.85	2.49	2.12	1.71	1.27	0.83	0.44	0.19	0.06	0.01	0	2.4	
2.15	1.74	1.3	0.85	0.46	0.21	0.07	0.01	5.14	4.27	3.9	3.57	3.24	2.89	2.52	2.14	1.73	1.28	0.83	0.44	0.19	0.06	0.01	0	2.18	
2.16	1.75	1.29	0.84	0.45	0.2	0.07	0.01	5.21	4.33	3.96	3.63	3.28	2.93	2.56	2.16	1.74	1.28	0.82	0.44	0.19	0.06	0.01	0	1.29	
2.17	1.75	1.29	0.83	0.45	0.2	0.07	0.01	5.28	4.39	4.01	3.68	3.33	2.97	2.59	2.18	1.75	1.28	0.82	0.43	0.18	0.06	0.01	0	1.97	
2.17	1.75	1.29	0.82	0.44	0.19	0.06	0.01	5.34	4.44	4.06	3.72	3.37	3	2.61	2.2	1.76	1.28	0.81	0.43	0.18	0.06	0.01	0	2.17	
2.18	1.75	1.28	0.81	0.43	0.19	0.06	0.01	5.39	4.49	4.11	3.77	3.41	3.03	2.64	2.22	1.77	1.28	0.81	0.42	0.18	0.06	0.01	0	2.3	
2.19	1.75	1.28	0.81	0.43	0.18	0.06	0.01	5.43	4.52	4.15	3.8	3.44	3.06	2.66	2.23	1.78	1.28	0.8	0.42	0.17	0.06	0.01	0	2.04	
2.19	1.75	1.27	0.8	0.42	0.18	0.06	0.01	5.45	4.55	4.17	3.83	3.46	3.08	2.68	2.25	1.79	1.28	0.79	0.41	0.17	0.06	0.01	0	1.31	
2.2	1.75	1.27	0.79	0.42	0.18	0.06	0.01	5.45	4.56	4.19	3.84	3.48	3.1	2.69	2.25	1.78	1.28	0.79	0.41	0.17	0.05	0.01	0	2.2	
2.19																									

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.98	1.5	1.02	0.6	0.29	0.1	0.02	0.006	5.28	4.24	3.82	3.48	3.13	2.76	2.36	1.92	1.45	0.99	0.58	0.27	0.09	0.02	0.006	62	2.31
1.99	1.51	1.03	0.6	0.29	0.1	0.02	0.006	5.33	4.26	3.83	3.49	3.14	2.77	2.36	1.92	1.45	0.99	0.58	0.27	0.1	0.02	0.006	0	2.07
2	1.51	1.03	0.6	0.29	0.1	0.02	0.006	5.38	4.29	3.86	3.51	3.15	2.78	2.37	1.93	1.46	0.99	0.58	0.27	0.1	0.02	0.006	0	1.38
2.01	1.52	1.03	0.61	0.29	0.1	0.02	0.006	5.44	4.32	3.88	3.53	3.16	2.79	2.38	1.93	1.46	0.99	0.58	0.27	0.1	0.02	0.006	0	1.93
2.02	1.52	1.03	0.61	0.29	0.1	0.02	0.006	5.49	4.35	3.91	3.55	3.18	2.8	2.39	1.94	1.46	0.99	0.57	0.27	0.1	0.02	0.006	0	2.37
2.02	1.53	1.04	0.61	0.29	0.1	0.02	0.006	5.52	4.37	3.93	3.56	3.19	2.81	2.39	1.94	1.46	0.99	0.57	0.27	0.1	0.02	0.006	0	2.35
2.03	1.53	1.04	0.61	0.29	0.1	0.02	0.006	5.55	4.38	3.94	3.58	3.2	2.82	2.4	1.94	1.46	0.99	0.57	0.27	0.1	0.02	0.006	173	2.23
2.03	1.53	1.04	0.61	0.29	0.1	0.02	0.006	5.55	4.4	3.95	3.59	3.21	2.82	2.4	1.94	1.46	0.99	0.58	0.27	0.1	0.02	0.006	0	1.42
2.03	1.53	1.04	0.61	0.29	0.11	0.02	0.006	5.56	4.41	3.96	3.6	3.22	2.83	2.41	1.95	1.47	0.99	0.58	0.27	0.1	0.02	0.006	0	2.27
2.03	1.53	1.04	0.61	0.29	0.11	0.02	0.006	5.56	4.42	3.98	3.61	3.24	2.84	2.41	1.95	1.47	0.99	0.58	0.27	0.1	0.02	0.006	0	2.39
2.04	1.54	1.04	0.61	0.29	0.1	0.02	0.006	5.57	4.44	4	3.63	3.25	2.86	2.42	1.96	1.47	1	0.58	0.27	0.1	0.02	0.006	0	2.24
2.04	1.54	1.04	0.61	0.29	0.1	0.02	0.006	5.58	4.46	4.02	3.65	3.28	2.88	2.44	1.96	1.48	1	0.58	0.27	0.1	0.02	0.006	0	1.79
2.05	1.54	1.04	0.61	0.29	0.1	0.02	0.006	5.61	4.49	4.05	3.68	3.3	2.9	2.45	1.98	1.48	1	0.58	0.27	0.09	0.02	0.006	0	1.73
2.06	1.55	1.04	0.6	0.28	0.1	0.02	0.006	5.63	4.52	4.08	3.71	3.33	2.92	2.47	1.99	1.49	1	0.57	0.27	0.09	0.02	0.006	0	2.28
2.07	1.55	1.04	0.6	0.28	0.1	0.02	0.005	5.66	4.56	4.11	3.74	3.35	2.94	2.49	2	1.5	1	0.57	0.26	0.09	0.02	0.005	0	2.15
2.08	1.56	1.04	0.6	0.28	0.09	0.02	0.005	5.69	4.6	4.14	3.77	3.38	2.96	2.51	2.02	1.51	1.01	0.57	0.26	0.09	0.02	0.005	0	1.86
2.09	1.56	1.05	0.6	0.27	0.09	0.02	0.004	5.72	4.63	4.17	3.8	3.4	2.98	2.53	2.04	1.52	1.01	0.57	0.26	0.08	0.02	0.004	0	1.46
2.09	1.57	1.05	0.6	0.27	0.09	0.02	0.004	5.75	4.67	4.2	3.82	3.42	3	2.54	2.05	1.53	1.02	0.57	0.26	0.08	0.02	0.004	0	1.71
2.1	1.57	1.05	0.6	0.27	0.09	0.02	0.004	5.77	4.7	4.22	3.84	3.44	3.02	2.56	2.06	1.54	1.02	0.58	0.26	0.08	0.02	0.004	0	1.61
2.1	1.58	1.05	0.6	0.27	0.09	0.02	0.004	5.8	4.73	4.25	3.86	3.46	3.03	2.57	2.08	1.55	1.03	0.58	0.26	0.08	0.02	0.004	0	1.56
2.1	1.58	1.06	0.6	0.27	0.09	0.02	0.004	5.83	4.76	4.28	3.89	3.48	3.05	2.59	2.09	1.57	1.04	0.58	0.26	0.08	0.02	0.004	0	1.6
2.1	1.58	1.06	0.6	0.27	0.09	0.02	0.004	5.86	4.79	4.31	3.91	3.5	3.07	2.61	2.11	1.58	1.05	0.59	0.26	0.08	0.02	0.004	0	1.71
2.11	1.58	1.06	0.6	0.27	0.08	0.02	0.003	5.9	4.83	4.34	3.94	3.53	3.09	2.62	2.12	1.59	1.05	0.59	0.26	0.08	0.02	0.003	0	1.64
2.11	1.58	1.06	0.59	0.26	0.08	0.02	0.003	5.93	4.88	4.38	3.98	3.56	3.12	2.64	2.13	1.6	1.05	0.59	0.25	0.08	0.02	0.003	0	2.08
2.11	1.59	1.05	0.59	0.26	0.08	0.02	0.003	5.98	4.92	4.42	4.02	3.59	3.14	2.66	2.15	1.6	1.06	0.58	0.25	0.08	0.02	0.003	0	2.25
2.12	1.59	1.05	0.58	0.25	0.08	0.02	0.003	6.02	4.97	4.47	4.06	3.62	3.17	2.68	2.16	1.61	1.06	0.58	0.25	0.07	0.02	0.003	0	2.19
2.12	1.58	1.05	0.58	0.25	0.08	0.02	0.003	6.06	5.01	4.51	4.1	3.65	3.19	2.7	2.17	1.62	1.06	0.58	0.24	0.07	0.01	0.003	0	1.59
2.12	1.58	1.04	0.58	0.24	0.07	0.02	0.003	6.1	5.06	4.55	4.13	3.69	3.22	2.72	2.18	1.62	1.06	0.58	0.24	0.07	0.01	0.003	0	2.37
2.12	1.58	1.04	0.57	0.24	0.07	0.01	0.003	6.12	5.09	4.59	4.16	3.71	3.24	2.73	2.19	1.62	1.06	0.57	0.24	0.07	0.01	0.003	0	2.44
2.12	1.57	1.03	0.56	0.24	0.07	0.01	0.003	6.14	5.11	4.61	4.19	3.73	3.25	2.74	2.19	1.62	1.05	0.57	0.23	0.07	0.01	0.003	0	1.9
2.11	1.56	1.02	0.56	0.23	0.07	0.01	0.003	6.14	5.13	4.63	4.21	3.74	3.26	2.74	2.19	1.61	1.05	0.56	0.23	0.07	0.01	0.003	0	2.05
2.1	1.55	1.01	0.55	0.23	0.07	0.01	0.002	6.14	5.14	4.65	4.21	3.75	3.26	2.74	2.18	1.6	1.04	0.55	0.23	0.07	0.01	0.002	0	1.97
2.09	1.54	1	0.54	0.23	0.07	0.01	0.002	6.13	5.14	4.66	4.22	3.75	3.26	2.74	2.18	1.59	1.02	0.55	0.22	0.07	0.01	0.002	0	1.05
2.08	1.52	0.99	0.53	0.22	0.07	0.01	0.001	6.12	5.15	4.66	4.22	3.75	3.26	2.74	2.17	1.58	1.01	0.54	0.22	0.06	0.01	0.001	0	1.42
2.07	1.51	0.97	0.52	0.21	0.07	0.01	0.001	6.11	5.14	4.66	4.22	3.75	3.26	2.73	2.16	1.57	1	0.52	0.21	0.06	0.01	0.001	0	1.84
2.06	1.5	0.96	0.51	0.21	0.06	0.01	0.001	6.09	5.14	4.66	4.22	3.75	3.26	2.73	2.15	1.55	0.99	0.51	0.21	0.06	0.01	0.001	0	1.9
2.05	1.49	0.95	0.5	0.21	0.07	0.02	0.003	6.08	5.13	4.65	4.21	3.75	3.25	2.72	2.14	1.54	0.97	0.51	0.2	0.06	0.01	0.003	0	1.48
2.04	1.48	0.94	0.49	0.2	0.06	0.02	0.004	6.05	5.11	4.63	4.2	3.74	3.24	2.71	2.13	1.53	0.96	0.5	0.2	0.06	0.02	0.004	0	2.04
2.04	1.47	0.93	0.48	0.2	0.06	0.02	0.005	6.02	5.08	4.61	4.18	3.72	3.23	2.7	2.11	1.52	0.95	0.49	0.2	0.06	0.02	0.005	0	2.27
2.03	1.46	0.92	0.48	0.2	0.06	0.02	0.007	5.98	5.05	4.58	4.15	3.7	3.21	2.68	2.1	1.51	0.94	0.48	0.19	0.06	0.02	0.007	0	2.33
2.02	1.46	0.92	0.47	0.19	0.06	0.02	0.009	5.93	5.01	4.55	4.12	3.68	3.19	2.67	2.09	1.5	0.93	0.48	0.19	0.06	0.02	0.009	0	1.7
2.02	1.46	0.91	0.47	0.19	0.06	0.02	0.01	5.9	4.97	4.53	4.1	3.65	3.17	2.65	2.08	1.49	0.93	0.47	0.19	0.06	0.02	0.009	0	1.81
2.02	1.45	0.91	0.47	0.19	0.07	0.03	0.01	5.87	4.94	4.5	4.07	3.63	3.16	2.64	2.06	1.48	0.92	0.47	0.19	0.06	0.02	0.01	0	2.31
2.02	1.45	0.91	0.46	0.19	0.06	0.03	0.01	5.85	4.91	4.48	4.05	3.61	3.14	2.62	2.05	1.47	0.91	0.46	0.19	0.06	0.02	0.01	0	2.38
2.02	1.45	0.9	0.46	0.19	0.06	0.02	0.01	5.85	4.9	4.46	4.03	3.6	3.13	2.61	2.04	1.46	0.9	0.45	0.18	0.06	0.02	0.01	0	2.32
2.02	1.45	0.89	0.45	0.18	0.06	0.02	0.009	5.86	4.89	4.45	4.02	3.58	3.11	2.6	2.03	1.45	0.89	0.45	0.18	0.06	0.02	0.009	0	1.9
2.02	1.44	0.89	0.45	0.18	0.06	0.02	0.006	5.87	4.89	4.44	4.01	3.57	3.1	2.59	2.02	1.44	0.88	0.44	0.17	0.05	0.02	0.006	0	1.61
2.02	1.44	0.88	0.44	0.17	0.05	0.02	0.004	5.89	4.88	4.42	3.99	3.55	3.08	2.57	2.01	1.43	0.87	0.43	0.17	0.05	0.02	0.004	0	2.38
2.02	1.44	0.88	0.44	0.17	0.05	0.01	0.002	5.9	4.88	4.41	3.98	3.53	3.07	2.56	2	1.42	0.86	0.43	0.16	0.05	0.01	0.002	0	2.64
2.03	1.44	0.88	0.44	0.17	0.05	0.01	0.001	5.9	4.87	4.39	3.96	3.52	3.05	2.55	1.99	1.4	0.85	0.43	0.16	0.05	0.01	0.001	0	2.23
2.03	1.44	0.88	0.44	0.17	0.05	0.01	0.002	5.9	4.86	4.37	3.95	3.5	3.04	2.53	1.97	1.4	0.85	0.43	0.16	0.05	0.01	0.002	0	1.88
2.04	1.44	0.88	0.45	0.18	0.06	0.02	0.004	5.9	4.86	4.36	3.94	3.49	3.03	2.52	1.97	1.39	0.85	0.43	0.17	0.05	0.02	0.004	0	2.51
2.05	1.45	0.89	0.46	0.18	0.06	0.02	0.006	5.91	4.86	4.35	3.93	3.48	3.02	2.52	1.96	1.39	0.85	0.43	0.17	0.06	0.02	0.006	0	2.6
2.06	1.46	0.9	0.46	0.19	0.07	0.02	0.008	5.93	4.87	4.35	3.93	3.48	3.02	2.52	1.96	1.39	0.85	0.43	0.1					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.06	1.45	0.89	0.46	0.19	0.06	0.01	0.001	5.61	4.5	4.03	3.6	3.18	2.76	2.29	1.78	1.25	0.78	0.4	0.17	0.05	0.01	0.001	0	1.73
2.05	1.44	0.89	0.47	0.19	0.06	0.01	0.001	5.58	4.49	4.02	3.58	3.17	2.75	2.29	1.78	1.26	0.78	0.41	0.17	0.05	0.01	0.001	0	2.06
2.04	1.44	0.9	0.47	0.2	0.06	0.01	0.001	5.56	4.49	4.01	3.57	3.16	2.74	2.29	1.78	1.26	0.79	0.41	0.17	0.05	0.01	0.001	0	1.74
2.04	1.44	0.9	0.47	0.2	0.06	0.01	0.001	5.54	4.48	4	3.57	3.15	2.74	2.29	1.79	1.27	0.79	0.42	0.17	0.05	0.01	0.001	0	1.68
2.03	1.44	0.9	0.48	0.2	0.06	0.01	0.001	5.52	4.48	3.99	3.56	3.14	2.73	2.29	1.79	1.28	0.8	0.42	0.18	0.05	0.01	0.001	0	1.46
2.02	1.44	0.91	0.48	0.2	0.06	0.01	0.001	5.51	4.48	3.98	3.56	3.14	2.73	2.29	1.8	1.29	0.81	0.43	0.18	0.06	0.01	0.001	0	1.99
2.01	1.44	0.91	0.48	0.21	0.07	0.01	0.001	5.51	4.49	3.98	3.56	3.14	2.73	2.29	1.8	1.29	0.82	0.43	0.18	0.06	0.01	0.001	0	1.63
2.01	1.44	0.91	0.48	0.21	0.07	0.01	0.001	5.51	4.5	3.99	3.56	3.14	2.74	2.3	1.81	1.3	0.82	0.44	0.19	0.06	0.01	0.001	0	1.79
2	1.44	0.92	0.48	0.21	0.07	0.01	0.001	5.54	4.52	4.01	3.58	3.16	2.75	2.31	1.82	1.31	0.83	0.44	0.19	0.06	0.01	0.001	0	2.04
2	1.44	0.92	0.48	0.21	0.07	0.01	0.001	5.57	4.55	4.03	3.6	3.18	2.77	2.33	1.83	1.32	0.84	0.44	0.19	0.06	0.01	0.001	0	1.94
2	1.44	0.92	0.48	0.21	0.07	0.01	0.001	5.61	4.59	4.07	3.63	3.21	2.79	2.35	1.85	1.33	0.85	0.44	0.19	0.06	0.01	0.001	0	1.59
2	1.44	0.91	0.48	0.2	0.07	0.01	0.001	5.66	4.63	4.11	3.67	3.24	2.82	2.37	1.86	1.34	0.85	0.44	0.19	0.06	0.01	0.001	0	1.7
1.99	1.44	0.91	0.48	0.2	0.07	0.01	0.001	5.71	4.67	4.15	3.7	3.27	2.85	2.39	1.88	1.35	0.85	0.44	0.19	0.06	0.01	0.001	0	2.03
1.99	1.43	0.9	0.47	0.2	0.07	0.01	0.002	5.76	4.71	4.19	3.74	3.3	2.88	2.41	1.89	1.35	0.85	0.44	0.19	0.06	0.01	0.002	0	1.89
1.98	1.42	0.89	0.47	0.2	0.07	0.01	0.002	5.81	4.75	4.23	3.78	3.34	2.91	2.43	1.9	1.35	0.85	0.44	0.19	0.06	0.01	0.002	0	2.08
1.96	1.4	0.88	0.46	0.2	0.07	0.01	0.002	5.84	4.78	4.26	3.81	3.36	2.93	2.44	1.9	1.35	0.84	0.44	0.19	0.06	0.01	0.002	0	2.1
1.95	1.38	0.87	0.46	0.2	0.07	0.02	0.004	5.87	4.82	4.29	3.84	3.39	2.95	2.45	1.9	1.34	0.84	0.44	0.19	0.06	0.01	0.004	0	1.43
1.93	1.37	0.85	0.45	0.2	0.07	0.02	0.007	5.89	4.85	4.32	3.87	3.42	2.97	2.46	1.9	1.34	0.83	0.43	0.19	0.07	0.02	0.007	0	2.01
1.92	1.35	0.84	0.44	0.2	0.08	0.02	0.009	5.91	4.88	4.35	3.9	3.44	2.99	2.47	1.9	1.33	0.82	0.43	0.19	0.07	0.02	0.009	266.3	2.02
1.9	1.33	0.82	0.44	0.2	0.08	0.02	0.01	5.93	4.91	4.39	3.93	3.47	3	2.48	1.9	1.32	0.81	0.42	0.19	0.07	0.02	0.01	0	1.44
1.88	1.31	0.81	0.43	0.19	0.08	0.02	0.01	5.94	4.93	4.41	3.95	3.49	3.02	2.49	1.9	1.32	0.8	0.42	0.18	0.07	0.02	0.009	0	1.23
1.87	1.3	0.79	0.42	0.19	0.08	0.02	0.01	5.95	4.96	4.44	3.98	3.51	3.04	2.49	1.89	1.31	0.79	0.41	0.18	0.07	0.02	0.01	0	1.46
1.85	1.28	0.78	0.41	0.18	0.08	0.02	0.01	5.95	4.98	4.46	4	3.53	3.05	2.49	1.89	1.3	0.78	0.4	0.18	0.07	0.02	0.01	0	1.74
1.84	1.26	0.77	0.4	0.18	0.08	0.02	0.01	5.95	5	4.48	4.01	3.54	3.06	2.49	1.88	1.28	0.77	0.4	0.17	0.07	0.02	0.01	0	1.56
1.82	1.25	0.76	0.39	0.18	0.08	0.02	0.01	5.95	5.01	4.5	4.03	3.55	3.06	2.49	1.87	1.27	0.76	0.39	0.17	0.07	0.02	0.01	304.5	1.35
1.81	1.24	0.75	0.39	0.18	0.08	0.02	0.01	5.94	5.02	4.5	4.04	3.56	3.06	2.49	1.87	1.26	0.75	0.39	0.17	0.07	0.02	0.01	0	1.84
1.8	1.23	0.74	0.39	0.18	0.07	0.02	0.01	5.93	5.02	4.51	4.05	3.57	3.06	2.48	1.86	1.26	0.75	0.38	0.17	0.07	0.02	0.01	0	1.38
1.78	1.22	0.73	0.38	0.17	0.07	0.02	0.01	5.92	5.03	4.52	4.05	3.57	3.06	2.48	1.85	1.25	0.74	0.38	0.17	0.07	0.02	0.01	0	1.9
1.78	1.21	0.73	0.38	0.17	0.07	0.02	0.01	5.93	5.04	4.53	4.07	3.58	3.07	2.48	1.84	1.24	0.74	0.38	0.17	0.07	0.02	0.01	0	1.52
1.77	1.2	0.72	0.38	0.17	0.07	0.02	0.01	5.94	5.05	4.55	4.08	3.59	3.07	2.48	1.84	1.24	0.73	0.37	0.17	0.07	0.02	0.01	0	2.28
1.76	1.19	0.72	0.37	0.17	0.07	0.02	0.01	5.95	5.06	4.56	4.09	3.61	3.08	2.47	1.83	1.23	0.73	0.37	0.17	0.06	0.02	0.01	103.4	2.13
1.75	1.18	0.71	0.37	0.17	0.07	0.02	0.008	5.96	5.07	4.58	4.11	3.62	3.08	2.47	1.83	1.22	0.72	0.37	0.16	0.06	0.02	0.008	0	1.76
1.74	1.17	0.7	0.36	0.16	0.06	0.02	0.007	5.98	5.09	4.59	4.12	3.63	3.09	2.47	1.82	1.21	0.71	0.36	0.16	0.06	0.02	0.007	0	2.07
1.73	1.16	0.69	0.35	0.16	0.06	0.02	0.005	5.98	5.1	4.6	4.13	3.63	3.09	2.46	1.81	1.2	0.7	0.35	0.15	0.05	0.02	0.005	0	2.34
1.71	1.14	0.68	0.35	0.15	0.05	0.01	0.003	5.98	5.11	4.6	4.13	3.63	3.08	2.45	1.79	1.19	0.69	0.35	0.15	0.05	0.01	0.003	0	2.4
1.69	1.13	0.66	0.34	0.15	0.05	0.01	0.002	5.97	5.11	4.6	4.13	3.63	3.07	2.44	1.78	1.17	0.68	0.34	0.14	0.05	0.01	0.002	0	2.06
1.67	1.11	0.65	0.33	0.14	0.05	0.01	0.002	5.96	5.11	4.6	4.13	3.63	3.07	2.42	1.76	1.15	0.67	0.33	0.14	0.04	0.01	0.002	0	1.46
1.65	1.09	0.64	0.32	0.14	0.05	0.01	0.002	5.96	5.12	4.6	4.14	3.63	3.06	2.41	1.75	1.14	0.66	0.33	0.14	0.04	0.01	0.002	0	2.01
1.64	1.08	0.63	0.32	0.14	0.05	0.01	0.002	5.97	5.13	4.61	4.15	3.64	3.06	2.41	1.73	1.13	0.65	0.32	0.13	0.04	0.01	0.002	0	2.23
1.63	1.07	0.62	0.31	0.13	0.04	0.01	0.003	6	5.16	4.65	4.17	3.65	3.07	2.41	1.73	1.12	0.64	0.32	0.13	0.04	0.01	0.003	0	2.25
1.62	1.05	0.61	0.31	0.13	0.04	0.01	0.003	6.05	5.2	4.69	4.21	3.68	3.09	2.42	1.72	1.11	0.63	0.31	0.13	0.04	0.01	0.003	0	1.96
1.61	1.04	0.6	0.3	0.13	0.04	0.01	0.003	6.12	5.26	4.74	4.25	3.72	3.11	2.43	1.72	1.1	0.63	0.31	0.12	0.04	0.009	0.003	0	1.76
1.6	1.03	0.59	0.29	0.12	0.04	0.009	0.004	6.2	5.32	4.8	4.3	3.76	3.14	2.44	1.72	1.1	0.62	0.3	0.12	0.04	0.009	0.004	0	1.41
1.59	1.02	0.58	0.28	0.12	0.04	0.008	0.003	6.27	5.38	4.85	4.35	3.8	3.17	2.45	1.72	1.09	0.61	0.29	0.12	0.04	0.008	0.003	0	1.13
1.57	1	0.57	0.28	0.11	0.04	0.007	0.003	6.34	5.43	4.9	4.39	3.83	3.18	2.45	1.71	1.08	0.6	0.28	0.11	0.04	0.007	0.003	0	1.97
1.55	0.98	0.55	0.27	0.11	0.03	0.007	0.003	6.38	5.46	4.93	4.42	3.85	3.19	2.44	1.7	1.06	0.58	0.28	0.11	0.03	0.007	0.003	0	2.37
1.53	0.96	0.54	0.26	0.11	0.03	0.007	0.003	6.4	5.48	4.94	4.43	3.85	3.19	2.43	1.68	1.04	0.57	0.27	0.11	0.03	0.007	0.003	0	2.51
1.5	0.95	0.53	0.26	0.11	0.03	0.008	0.003	6.39	5.48	4.95	4.43	3.85	3.18	2.41	1.66	1.03	0.56	0.27	0.11	0.03	0.008	0.003	0	2.4
1.48	0.93	0.52	0.26	0.11	0.04	0.009	0.003	6.39	5.48	4.95	4.43	3.85	3.17	2.4	1.65	1.02	0.55	0.27	0.11	0.03	0.009	0.003	0	1.54
1.46	0.92	0.51	0.25	0.11	0.04	0.01	0.004	6.38	5.48	4.95	4.43	3.85	3.17	2.39	1.64	1.01	0.55	0.27	0.12	0.04	0.01	0.004	0	2.44
1.45	0.91	0.51	0.25	0.12	0.04	0.01	0.004	6.39	5.49	4.97	4.45	3.87	3.18	2.4	1.63	1	0.55	0.27	0.12	0.04	0.01	0.004	0	2.61
1.45	0.91	0.5	0.25	0.11	0.04	0.01	0.004	6.42	5.52	5	4.48	3.89	3.2	2.41	1.64	1.01	0.55	0.27	0.12	0.04	0.01	0.004	0	2.53
1.45	0.91	0.5	0.25	0.11	0.04	0.009	0.004	6.47	5.56	5.04	4.51	3.93	3.23	2.43	1.65	1.01	0.55	0.26	0.11	0.04	0.009	0.004	0	2.32
1.46	0.91	0.5	0.24	0.1	0.03	0.007	0.003	6.53	5.61	5.09	4.56	3.97	3.27	2.47	1.68	1.								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.74	1.02	0.48	0.16	0.03	0.008	0.002	0.002	6.69	5.76	5.28	4.8	4.21	3.51	2.67	1.81	1.05	0.49	0.16	0.03	0.008	0.002	0.002	0	2.17
1.73	1.02	0.48	0.16	0.03	0.01	0.001	0.001	6.73	5.8	5.31	4.82	4.22	3.5	2.65	1.79	1.04	0.49	0.16	0.03	0.01	0.001	0.001	0	2.59
1.71	1	0.47	0.17	0.04	0.01	0.001	0	6.73	5.81	5.31	4.81	4.19	3.46	2.61	1.74	1.01	0.47	0.16	0.04	0.01	0.001	0	0	2.62
1.65	0.95	0.45	0.16	0.04	0.01		0	6.72	5.78	5.27	4.76	4.13	3.38	2.52	1.67	0.96	0.45	0.16	0.04	0.01		0	0	2.4
1.57	0.89	0.42	0.15	0.04	0.009		0	6.66	5.72	5.2	4.68	4.04	3.27	2.41	1.57	0.89	0.41	0.14	0.03	0.009		0	0	1.5
1.48	0.83	0.39	0.14	0.03	0.008		0.001	6.6	5.66	5.12	4.59	3.93	3.15	2.29	1.47	0.82	0.38	0.13	0.03	0.008		0.001	0	2.31
1.39	0.76	0.35	0.13	0.03	0.008		0.001	6.54	5.59	5.04	4.49	3.81	3.03	2.16	1.36	0.74	0.34	0.12	0.03	0.008		0.001	0	2.44
1.3	0.7	0.33	0.12	0.04	0.009		0	6.49	5.53	4.97	4.41	3.71	2.91	2.05	1.27	0.68	0.31	0.12	0.03	0.009		0	0	2.32
1.22	0.65	0.3	0.12	0.04	0.01	0.006	0.002	6.47	5.49	4.92	4.33	3.61	2.8	1.94	1.18	0.63	0.29	0.12	0.04	0.01	0.006	0.002	0	1.92
1.15	0.61	0.29	0.12	0.05	0.01	0.007	0.003	6.47	5.47	4.88	4.27	3.53	2.7	1.85	1.11	0.58	0.27	0.12	0.04	0.01	0.007	0.003	0	1.75
1.09	0.57	0.27	0.12	0.05	0.01	0.008	0.003	6.47	5.45	4.84	4.21	3.45	2.61	1.76	1.04	0.54	0.25	0.11	0.04	0.01	0.008	0.003	0	1.76
1.03	0.54	0.25	0.12	0.05	0.02	0.009	0.003	6.49	5.44	4.81	4.15	3.37	2.52	1.68	0.98	0.51	0.24	0.11	0.04	0.01	0.009	0.003	0	1.4
0.98	0.51	0.24	0.11	0.05	0.02	0.009	0.003	6.5	5.42	4.77	4.09	3.29	2.43	1.6	0.93	0.48	0.23	0.11	0.04	0.02	0.009	0.003	0	1.65
0.93	0.48	0.23	0.11	0.05	0.02	0.01	0.004	6.49	5.39	4.72	4.02	3.19	2.33	1.52	0.87	0.45	0.21	0.1	0.04	0.02	0.01	0.004	0	1.54
0.88	0.46	0.22	0.11	0.05	0.02	0.01	0.004	6.47	5.35	4.65	3.93	3.09	2.23	1.43	0.82	0.43	0.21	0.1	0.04	0.02	0.01	0.004	0	2.01
0.83	0.43	0.21	0.11	0.05	0.02	0.01	0.005	6.44	5.29	4.57	3.83	2.97	2.12	1.35	0.77	0.41	0.2	0.1	0.04	0.02	0.01	0.005	0	2.14
0.77	0.41	0.21	0.11	0.05	0.02	0.01	0.006	6.39	5.2	4.47	3.7	2.84	2	1.26	0.72	0.38	0.19	0.1	0.04	0.02	0.01	0.006	0	1.87
0.72	0.39	0.2	0.1	0.05	0.03	0.01	0.006	6.32	5.1	4.35	3.56	2.69	1.87	1.17	0.67	0.36	0.18	0.1	0.05	0.02	0.01	0.006	0	1.57
0.66	0.36	0.19	0.1	0.05	0.03	0.01	0.006	6.23	4.97	4.2	3.4	2.53	1.73	1.07	0.61	0.34	0.18	0.09	0.05	0.02	0.01	0.006	0	1.24
0.61	0.34	0.18	0.1	0.05	0.03	0.01	0.006	6.12	4.83	4.04	3.23	2.37	1.6	0.98	0.56	0.32	0.17	0.09	0.05	0.02	0.01	0.006	0	1.69
0.56	0.32	0.18	0.1	0.05	0.02	0.01	0.005	6.01	4.67	3.86	3.05	2.2	1.46	0.89	0.52	0.29	0.16	0.09	0.05	0.02	0.01	0.005	0	1.45
0.51	0.3	0.17	0.1	0.05	0.02	0.01	0.005	5.88	4.5	3.68	2.86	2.03	1.33	0.8	0.47	0.27	0.16	0.09	0.05	0.02	0.01	0.005	0	1.6
0.46	0.28	0.16	0.1	0.06	0.02	0.01	0.006	5.76	4.33	3.49	2.68	1.87	1.2	0.73	0.43	0.25	0.15	0.09	0.05	0.02	0.01	0.006	0	1.58
0.42	0.26	0.15	0.09	0.06	0.02	0.01	0.007	5.64	4.16	3.31	2.5	1.72	1.09	0.66	0.39	0.24	0.14	0.08	0.05	0.02	0.01	0.007	0	1.25
0.39	0.24	0.15	0.09	0.05	0.02	0.01	0.008	5.54	4	3.14	2.33	1.58	0.99	0.6	0.36	0.22	0.13	0.08	0.05	0.02	0.01	0.008	65	2.08
0.36	0.22	0.14	0.09	0.05	0.02	0.02	0.009	5.43	3.85	2.98	2.18	1.45	0.91	0.55	0.33	0.2	0.13	0.08	0.05	0.02	0.01	0.009	0	2.25
0.33	0.21	0.13	0.08	0.05	0.02	0.02	0.01	5.34	3.7	2.82	2.04	1.34	0.83	0.5	0.3	0.19	0.12	0.07	0.05	0.02	0.01	0.009	0	1.74
0.3	0.19	0.12	0.08	0.05	0.02	0.02	0.01	5.25	3.57	2.68	1.92	1.25	0.77	0.46	0.28	0.18	0.11	0.07	0.04	0.02	0.01	0.009	0	1.38
0.29	0.18	0.12	0.08	0.05	0.02	0.02	0.01	5.16	3.44	2.55	1.8	1.16	0.71	0.43	0.26	0.17	0.11	0.07	0.04	0.02	0.01	0.01	0	2.12
0.27	0.17	0.11	0.07	0.04	0.02	0.01	0.009	5.07	3.31	2.43	1.7	1.09	0.67	0.4	0.24	0.15	0.1	0.06	0.04	0.02	0.01	0.009	0	2.05
0.25	0.16	0.1	0.07	0.04	0.02	0.01	0.007	4.98	3.19	2.31	1.6	1.02	0.63	0.38	0.23	0.14	0.09	0.06	0.03	0.02	0.01	0.007	0	1.59
0.23	0.15	0.1	0.06	0.04	0.02	0.01	0.006	4.88	3.07	2.19	1.52	0.96	0.59	0.35	0.21	0.13	0.09	0.06	0.03	0.01	0.01	0.006	0	1.71
0.22	0.14	0.09	0.06	0.03	0.01	0.01	0.004	4.77	2.95	2.08	1.43	0.91	0.56	0.33	0.2	0.12	0.08	0.05	0.03	0.01	0.01	0.004	0	2.12
0.2	0.12	0.08	0.05	0.03	0.01	0.01	0.002	4.65	2.82	1.97	1.35	0.86	0.53	0.31	0.18	0.11	0.07	0.05	0.03	0.01	0.01	0.002	0	2.02
0.19	0.11	0.07	0.05	0.03	0.01	0.01	0.001	4.53	2.69	1.86	1.27	0.81	0.5	0.3	0.17	0.1	0.07	0.04	0.02	0.01	0.009	0.001	0	1.65
0.18	0.1	0.07	0.04	0.03	0.01	0.01	0.001	4.4	2.55	1.75	1.2	0.77	0.47	0.28	0.16	0.09	0.06	0.04	0.02	0.01	0.01	0.001	0	1.95
0.16	0.1	0.06	0.04	0.02	0.01	0.009	0.001	4.26	2.42	1.65	1.13	0.72	0.45	0.26	0.15	0.09	0.05	0.03	0.02	0.01	0.009	0.001	0	1.48
0.15	0.09	0.06	0.03	0.02	0.01	0.008	0.001	4.12	2.28	1.55	1.06	0.68	0.42	0.24	0.14	0.08	0.05	0.03	0.02	0.01	0.008	0.001	0	2.04
0.14	0.08	0.05	0.03	0.02	0.01		0	3.97	2.15	1.46	0.99	0.64	0.4	0.23	0.12	0.07	0.04	0.03	0.02	0.01		0	0	1.98
0.12	0.07	0.04	0.02	0.02	0.01		0.002	3.82	2.03	1.37	0.93	0.6	0.37	0.21	0.11	0.06	0.04	0.02	0.02	0.01		0.002	0	1.11
0.11	0.06	0.04	0.02	0.01	0.01		0.004	3.66	1.91	1.28	0.87	0.56	0.34	0.19	0.1	0.05	0.03	0.02	0.01	0.009		0.004	0	1.8
0.09	0.05	0.03	0.01	0.01			0.006	3.5	1.8	1.2	0.81	0.52	0.31	0.17	0.08	0.04	0.02	0.01	0.01			0.006	0	2.09
1.88	1.05	0.47	0.16	0.04		0	0.002	6.99	6.16	5.62	5.06	4.38	3.57	2.66	1.75	0.97	0.44	0.15	0.04		0	0.002	0	2.3
2.07	1.18	0.55	0.2	0.06	0.02	0	0.001	7.14	6.37	5.86	5.31	4.63	3.82	2.88	1.92	1.1	0.51	0.18	0.05	0.02	0	0.001	0	1.96
2.23	1.3	0.62	0.24	0.08	0.02	0.001	0.001	7.27	6.54	6.04	5.51	4.85	4.04	3.08	2.08	1.21	0.58	0.22	0.07	0.02	0.001	0.001	0	1.95
2.38	1.41	0.69	0.28	0.09	0.03	0.001	0	7.38	6.67	6.19	5.67	5.02	4.21	3.23	2.21	1.31	0.64	0.26	0.08	0.02	0.001	0	0	1.4
2.49	1.5	0.76	0.32	0.11	0.03		0	7.46	6.77	6.31	5.79	5.15	4.34	3.36	2.32	1.4	0.71	0.3	0.1	0.03		0	0	1.84
2.58	1.58	0.82	0.36	0.13	0.04		0.001	7.52	6.84	6.39	5.88	5.24	4.43	3.45	2.41	1.47	0.76	0.33	0.12	0.03		0.001	0	1.67
2.63	1.63	0.86	0.39	0.14	0.04		0.001	7.56	6.88	6.44	5.93	5.29	4.48	3.5	2.46	1.52	0.8	0.36	0.13	0.05		0.001	0	1.5
2.65	1.66	0.89	0.41	0.16	0.05		0	7.57	6.89	6.45	5.94	5.3	4.49	3.51	2.48	1.55	0.83	0.38	0.14	0.04		0	0	1.75
2.64	1.66	0.91	0.43	0.16	0.05	0.01	0	7.56	6.88	6.43	5.92	5.28	4.47	3.49	2.46	1.55	0.85	0.4	0.15	0.05	0.01	0	0	1.7
2.59	1.64	0.91	0.44	0.17	0.05	0.01	0.001	7.53	6.84	6.4	5.88	5.23	4.41	3.43	2.43	1.53	0.85	0.41	0.16	0.05	0.01	0.001	0	1.75
2.52	1.6	0.89	0.44	0.18	0.06	0.01	0.001	7.48	6.78	6.33	5.81	5.14	4.32	3.35	2.36	1.49	0.84	0.41	0.16	0.05	0.01	0.001	0	1.98
2.41	1.53	0.86	0.43	0.18	0.06	0.01	0.001	7.41	6.71	6.24	5.71	5.03	4.2	3.23	2.26	1.43	0.81	0.4	0.16	0.05	0.01	0.001	0	1.99
2.29	1.45	0.82	0.41	0.17	0.05	0.01	0.001	7.32	6.62	6.13	5.5													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.19	2.35	1.54	0.86	0.4	0.15	0.04	0.009	6.97	6.27	5.86	5.45	4.97	4.41	3.75	3	2.2	1.44	0.79	0.36	0.13	0.03	0.009	0	2.3
3.18	2.36	1.55	0.87	0.4	0.15	0.04	0.009	6.92	6.22	5.8	5.39	4.91	4.36	3.71	2.98	2.2	1.45	0.81	0.37	0.13	0.04	0.009	0	2.64
3.16	2.35	1.56	0.88	0.41	0.15	0.04	0.009	6.85	6.14	5.72	5.31	4.83	4.29	3.66	2.94	2.19	1.44	0.81	0.37	0.14	0.04	0.009	0	2.73
3.12	2.33	1.55	0.89	0.42	0.16	0.05	0.009	6.76	6.06	5.63	5.22	4.75	4.21	3.59	2.9	2.16	1.44	0.82	0.38	0.14	0.04	0.009	0	2.52
3.07	2.3	1.55	0.89	0.42	0.16	0.05	0.008	6.68	5.97	5.54	5.12	4.65	4.12	3.52	2.84	2.13	1.42	0.81	0.39	0.15	0.04	0.008	0	1.74
3.03	2.27	1.53	0.89	0.43	0.17	0.05	0.008	6.61	5.89	5.45	5.04	4.56	4.04	3.45	2.79	2.09	1.41	0.81	0.39	0.15	0.04	0.008	0	2.44
2.99	2.25	1.52	0.89	0.44	0.18	0.06	0.01	6.56	5.83	5.39	4.97	4.49	3.98	3.39	2.74	2.06	1.39	0.81	0.4	0.16	0.05	0.008	0	2.67
2.95	2.22	1.51	0.89	0.45	0.18	0.06	0.01	6.54	5.79	5.35	4.92	4.44	3.92	3.34	2.69	2.02	1.38	0.81	0.41	0.16	0.05	0.01	0	2.78
2.93	2.2	1.5	0.89	0.45	0.19	0.06	0.01	6.55	5.78	5.33	4.89	4.41	3.89	3.3	2.66	1.99	1.36	0.81	0.41	0.17	0.05	0.01	0	2.5
2.91	2.18	1.48	0.89	0.45	0.19	0.06	0.01	6.58	5.79	5.33	4.88	4.39	3.86	3.27	2.63	1.97	1.34	0.8	0.41	0.17	0.05	0.01	0	1.53
2.9	2.16	1.47	0.88	0.45	0.19	0.06	0.01	6.62	5.81	5.33	4.88	4.38	3.85	3.25	2.6	1.95	1.32	0.78	0.4	0.17	0.05	0.01	0	2.46
2.88	2.15	1.45	0.87	0.45	0.19	0.06	0.01	6.66	5.82	5.34	4.87	4.37	3.83	3.23	2.58	1.92	1.3	0.77	0.4	0.17	0.05	0.01	0	2.65
2.86	2.12	1.43	0.85	0.44	0.19	0.06	0.01	6.68	5.82	5.33	4.86	4.35	3.81	3.2	2.55	1.89	1.27	0.76	0.39	0.16	0.05	0.01	0	2.65
2.83	2.09	1.41	0.83	0.43	0.18	0.06	0.01	6.68	5.8	5.31	4.84	4.32	3.77	3.17	2.51	1.86	1.25	0.74	0.38	0.16	0.05	0.01	0	2.09
2.8	2.06	1.38	0.82	0.42	0.18	0.06	0.01	6.66	5.78	5.28	4.8	4.29	3.74	3.13	2.48	1.83	1.22	0.72	0.37	0.16	0.05	0.01	0	2.12
2.77	2.04	1.36	0.8	0.41	0.18	0.06	0.01	6.62	5.75	5.25	4.77	4.25	3.7	3.1	2.44	1.8	1.2	0.71	0.36	0.15	0.05	0.01	0	2.45
2.75	2.01	1.34	0.79	0.41	0.17	0.06	0.01	6.58	5.72	5.22	4.74	4.22	3.67	3.07	2.41	1.77	1.18	0.7	0.36	0.15	0.05	0.01	0	2.16
2.73	1.99	1.33	0.78	0.4	0.17	0.06	0.01	6.55	5.69	5.19	4.72	4.2	3.65	3.04	2.39	1.75	1.17	0.69	0.35	0.15	0.05	0.01	0	1.38
2.72	1.98	1.32	0.77	0.39	0.17	0.06	0.01	6.53	5.68	5.18	4.71	4.18	3.64	3.03	2.38	1.74	1.16	0.68	0.35	0.15	0.05	0.01	0	1.59
2.71	1.98	1.31	0.77	0.39	0.17	0.06	0.01	6.52	5.68	5.18	4.71	4.18	3.64	3.03	2.37	1.74	1.15	0.67	0.34	0.15	0.05	0.01	0	1.54
2.72	1.98	1.31	0.76	0.38	0.16	0.06	0.01	6.52	5.68	5.19	4.72	4.19	3.65	3.04	2.38	1.74	1.15	0.67	0.34	0.14	0.05	0.01	0	1.66
2.72	1.98	1.31	0.75	0.38	0.16	0.06	0.01	6.53	5.69	5.2	4.73	4.21	3.66	3.04	2.38	1.74	1.15	0.66	0.33	0.14	0.05	0.01	0	1.6
2.73	1.99	1.31	0.75	0.37	0.16	0.06	0.01	6.54	5.71	5.22	4.75	4.22	3.67	3.06	2.4	1.74	1.15	0.66	0.33	0.14	0.05	0.01	0	1.77
2.74	1.99	1.31	0.75	0.37	0.16	0.06	0.02	6.54	5.73	5.24	4.77	4.24	3.69	3.08	2.41	1.75	1.15	0.66	0.32	0.14	0.05	0.01	0	1.97
2.75	2	1.31	0.75	0.37	0.15	0.06	0.02	6.55	5.74	5.25	4.79	4.26	3.71	3.09	2.43	1.77	1.16	0.66	0.32	0.14	0.05	0.01	0	1.91
2.76	2	1.31	0.75	0.36	0.15	0.06	0.02	6.55	5.75	5.26	4.8	4.28	3.73	3.11	2.44	1.78	1.16	0.66	0.32	0.14	0.05	0.01	0	1.54
2.76	2.01	1.31	0.75	0.36	0.15	0.06	0.02	6.55	5.75	5.27	4.81	4.29	3.74	3.12	2.45	1.79	1.17	0.66	0.32	0.14	0.05	0.01	0	1.5
2.76	2.01	1.31	0.75	0.36	0.15	0.06	0.02	6.54	5.75	5.28	4.82	4.3	3.75	3.14	2.47	1.8	1.18	0.67	0.32	0.14	0.05	0.01	0	1.81
2.76	2.02	1.32	0.75	0.36	0.15	0.06	0.02	6.53	5.75	5.28	4.83	4.31	3.76	3.15	2.48	1.81	1.18	0.67	0.32	0.13	0.05	0.01	0	2.09
2.77	2.02	1.33	0.75	0.36	0.15	0.06	0.02	6.53	5.75	5.28	4.83	4.32	3.78	3.16	2.5	1.83	1.2	0.68	0.32	0.13	0.05	0.01	0	1.5
2.77	2.03	1.33	0.76	0.36	0.15	0.06	0.02	6.53	5.75	5.29	4.84	4.33	3.79	3.18	2.52	1.85	1.21	0.69	0.32	0.13	0.05	0.01	0	2.21
2.78	2.04	1.34	0.76	0.36	0.15	0.06	0.01	6.54	5.76	5.3	4.86	4.35	3.81	3.2	2.54	1.87	1.23	0.69	0.32	0.13	0.05	0.01	0	2.34
2.79	2.06	1.36	0.77	0.36	0.15	0.05	0.01	6.56	5.78	5.31	4.88	4.37	3.83	3.23	2.57	1.89	1.25	0.7	0.33	0.13	0.05	0.01	0	2.35
2.8	2.08	1.37	0.78	0.36	0.15	0.05	0.01	6.58	5.8	5.33	4.9	4.4	3.86	3.25	2.6	1.92	1.27	0.71	0.33	0.13	0.04	0.01	0	2.35
2.82	2.1	1.39	0.79	0.37	0.15	0.05	0.01	6.62	5.83	5.36	4.93	4.43	3.89	3.29	2.63	1.95	1.29	0.73	0.33	0.13	0.04	0.01	0	2.09
2.84	2.12	1.41	0.8	0.37	0.15	0.05	0.009	6.66	5.86	5.39	4.96	4.46	3.92	3.32	2.66	1.98	1.31	0.74	0.34	0.13	0.04	0.009	0	1.96
2.86	2.14	1.42	0.81	0.38	0.15	0.04	0.007	6.7	5.89	5.42	4.99	4.49	3.95	3.35	2.7	2.01	1.34	0.75	0.35	0.13	0.04	0.007	0	2.32
2.87	2.15	1.44	0.82	0.38	0.15	0.04	0.007	6.73	5.91	5.45	5.01	4.51	3.97	3.37	2.72	2.04	1.36	0.77	0.36	0.14	0.04	0.007	0	2.48
2.87	2.16	1.45	0.83	0.39	0.15	0.05	0.007	6.75	5.91	5.46	5.02	4.52	3.99	3.39	2.74	2.05	1.37	0.78	0.36	0.14	0.04	0.007	0	2.34
2.86	2.15	1.45	0.84	0.4	0.16	0.05	0.008	6.75	5.92	5.47	5.03	4.53	3.99	3.4	2.75	2.06	1.38	0.79	0.38	0.15	0.04	0.008	0	1.85
2.81	2.12	1.42	0.82	0.39	0.15	0.05	0.008	6.71	5.88	5.43	5	4.5	3.97	3.37	2.72	2.04	1.37	0.78	0.37	0.14	0.04	0.008	0	1.56
2.75	2.06	1.38	0.8	0.38	0.15	0.05	0.007	6.65	5.83	5.38	4.95	4.46	3.92	3.33	2.67	2	1.33	0.76	0.36	0.14	0.04	0.007	0	1.66
2.68	2	1.34	0.77	0.37	0.14	0.04	0.007	6.59	5.78	5.33	4.9	4.41	3.88	3.27	2.62	1.95	1.29	0.74	0.35	0.13	0.04	0.007	0	1.79
2.61	1.94	1.29	0.74	0.36	0.14	0.04	0.007	6.53	5.73	5.28	4.85	4.36	3.83	3.22	2.56	1.9	1.25	0.71	0.34	0.13	0.04	0.007	0	1.95
2.55	1.88	1.24	0.71	0.35	0.14	0.04	0.008	6.48	5.7	5.24	4.82	4.33	3.79	3.18	2.52	1.85	1.22	0.69	0.33	0.13	0.04	0.008	0	1.82
2.49	1.82	1.2	0.69	0.34	0.14	0.04	0.008	6.45	5.67	5.21	4.79	4.3	3.76	3.14	2.47	1.8	1.18	0.67	0.32	0.13	0.04	0.008	0	1.58
2.43	1.77	1.15	0.66	0.32	0.13	0.04	0.008	6.43	5.65	5.19	4.77	4.28	3.74	3.11	2.43	1.75	1.14	0.64	0.31	0.12	0.04	0.008	0	1.64
2.39	1.73	1.12	0.63	0.31	0.13	0.04	0.008	6.43	5.65	5.19	4.76	4.27	3.73	3.09	2.4	1.72	1.1	0.62	0.3	0.12	0.04	0.008	0	1.79
2.36	1.69	1.09	0.61	0.3	0.12	0.04	0.007	6.45	5.65	5.2	4.77	4.28	3.72	3.07	2.37	1.69	1.07	0.6	0.29	0.11	0.03	0.007	0	2.25
2.35	1.67	1.07	0.6	0.29	0.12	0.03	0.007	6.49	5.68	5.23	4.79	4.3	3.74	3.08	2.37	1.67	1.06	0.59	0.28	0.11	0.03	0.007	0	2.29
2.34	1.66	1.05	0.59	0.28	0.11	0.03	0.006	6.54	5.72	5.26	4.82	4.32	3.75	3.09	2.36	1.67	1.05	0.58	0.27	0.11	0.03	0.006	0	0.92
2.33	1.64	1.04	0.58	0.27	0.11	0.03	0.006	6.57	5.74	5.28	4.84	4.34	3.76	3.09	2.36	1.65	1.04	0.57	0.27	0.1	0.03	0.006	0	2.08
2.31	1.63	1.03	0.57	0.27	0.1	0.03	0.006	6.6	5.77	5.3	4.86	4.35	3.77	3.09	2.35	1.65	1.03	0.56	0.26	0.1	0.03	0.006	0	2.16
2.3	1.61	1.01	0.56	0.26	0.1	0.03	0.005	6.62	5.78	5.3	4.86	4.35	3.76	3.08	2.34	1.63	1.02	0.55	0.25	0.09</				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.35	1.77	1.19	0.68	0.31	0.11	0.03	0.006	5.89	5.04	4.59	4.17	3.75	3.3	2.8	2.26	1.7	1.14	0.65	0.3	0.1	0.03	0.006	75.4	2.53
2.34	1.76	1.19	0.69	0.32	0.12	0.03	0.007	5.86	5.01	4.56	4.15	3.72	3.27	2.78	2.25	1.69	1.13	0.65	0.3	0.11	0.03	0.007	0	2.27
2.32	1.75	1.18	0.69	0.33	0.12	0.03	0.008	5.85	4.98	4.54	4.13	3.7	3.25	2.76	2.23	1.68	1.13	0.65	0.31	0.11	0.03	0.008	0	1.72
2.31	1.74	1.17	0.68	0.33	0.12	0.03	0.008	5.85	4.96	4.53	4.12	3.69	3.24	2.75	2.21	1.66	1.12	0.65	0.31	0.11	0.03	0.008	0	1.88
2.29	1.72	1.16	0.67	0.32	0.12	0.03	0.008	5.85	4.95	4.51	4.11	3.67	3.23	2.73	2.2	1.65	1.11	0.64	0.3	0.11	0.03	0.008	0	2.25
2.28	1.71	1.15	0.67	0.32	0.12	0.03	0.008	5.85	4.94	4.51	4.1	3.67	3.22	2.72	2.18	1.63	1.09	0.63	0.3	0.11	0.03	0.008	176.2	2.13
2.26	1.69	1.13	0.66	0.31	0.11	0.03	0.008	5.84	4.93	4.49	4.09	3.66	3.2	2.7	2.17	1.61	1.08	0.62	0.29	0.1	0.03	0.008	0	2.1
2.24	1.66	1.11	0.64	0.31	0.11	0.03	0.007	5.83	4.91	4.47	4.07	3.64	3.19	2.69	2.14	1.59	1.06	0.61	0.29	0.1	0.03	0.007	0	1.29
2.21	1.64	1.09	0.63	0.3	0.11	0.03	0.007	5.81	4.89	4.45	4.05	3.62	3.17	2.67	2.12	1.57	1.04	0.6	0.28	0.1	0.03	0.007	0	1.79
2.19	1.61	1.07	0.62	0.29	0.1	0.03	0.007	5.79	4.87	4.44	4.03	3.61	3.16	2.65	2.1	1.54	1.02	0.58	0.27	0.09	0.02	0.007	0	1.71
2.17	1.59	1.05	0.6	0.28	0.1	0.03	0.006	5.77	4.86	4.42	4.02	3.59	3.14	2.63	2.08	1.52	1	0.57	0.27	0.09	0.02	0.006	0	1.63
2.14	1.56	1.03	0.58	0.28	0.09	0.03	0.006	5.75	4.84	4.41	4.01	3.58	3.13	2.62	2.06	1.5	0.98	0.55	0.26	0.09	0.02	0.006	0	1.59
2.12	1.54	1	0.57	0.27	0.09	0.02	0.006	5.74	4.84	4.4	4	3.57	3.12	2.61	2.05	1.48	0.96	0.54	0.25	0.08	0.02	0.006	0	1.48
2.11	1.52	0.98	0.55	0.26	0.09	0.02	0.005	5.74	4.84	4.4	3.99	3.57	3.12	2.6	2.03	1.46	0.94	0.52	0.24	0.08	0.02	0.005	0	1.44
2.09	1.5	0.96	0.53	0.24	0.08	0.02	0.005	5.74	4.84	4.4	3.99	3.57	3.11	2.59	2.02	1.45	0.92	0.51	0.23	0.08	0.02	0.005	0	1.48
2.08	1.48	0.94	0.52	0.23	0.08	0.02	0.004	5.73	4.83	4.39	3.99	3.56	3.11	2.58	2	1.43	0.9	0.49	0.22	0.07	0.02	0.004	0	1.51
2.06	1.47	0.93	0.5	0.22	0.08	0.02	0.003	5.73	4.83	4.38	3.98	3.56	3.1	2.57	1.99	1.41	0.89	0.48	0.21	0.07	0.02	0.003	0	1.56
2.05	1.45	0.91	0.48	0.21	0.07	0.02	0.003	5.71	4.82	4.37	3.97	3.55	3.09	2.56	1.98	1.4	0.87	0.46	0.2	0.07	0.01	0.003	0	1.88
2.03	1.43	0.89	0.47	0.2	0.07	0.01	0.002	5.7	4.81	4.35	3.96	3.54	3.08	2.55	1.96	1.38	0.85	0.45	0.19	0.06	0.01	0.002	0	1.83
2.02	1.42	0.88	0.46	0.19	0.07	0.01	0.001	5.68	4.79	4.33	3.94	3.52	3.06	2.53	1.95	1.36	0.84	0.43	0.18	0.06	0.01	0.001	0	1.79
2.01	1.41	0.86	0.45	0.19	0.07	0.01	0.001	5.66	4.77	4.31	3.92	3.5	3.05	2.52	1.93	1.35	0.82	0.42	0.17	0.06	0.01	0.001	93.9	1.41
2	1.39	0.85	0.44	0.18	0.06	0.01	0.001	5.64	4.75	4.29	3.9	3.48	3.03	2.5	1.92	1.34	0.81	0.41	0.17	0.06	0.01	0.001	0	1.73
1.99	1.38	0.85	0.43	0.18	0.07	0.01	0.002	5.63	4.73	4.27	3.88	3.47	3.01	2.49	1.91	1.32	0.81	0.41	0.17	0.06	0.01	0.002	0	1.79
1.98	1.38	0.84	0.43	0.18	0.07	0.01	0.003	5.61	4.71	4.25	3.87	3.45	3	2.48	1.9	1.32	0.8	0.41	0.17	0.06	0.01	0.003	0	1.57
1.97	1.37	0.84	0.43	0.18	0.07	0.02	0.005	5.6	4.69	4.24	3.85	3.43	2.99	2.46	1.89	1.31	0.8	0.41	0.17	0.06	0.01	0.005	0	1.72
1.96	1.37	0.84	0.43	0.18	0.07	0.02	0.005	5.59	4.67	4.22	3.83	3.42	2.97	2.45	1.88	1.3	0.8	0.41	0.17	0.06	0.02	0.005	0	1.43
1.95	1.36	0.84	0.43	0.18	0.07	0.02	0.005	5.57	4.65	4.2	3.81	3.4	2.95	2.44	1.87	1.3	0.79	0.41	0.17	0.07	0.02	0.005	0	1.97
1.94	1.36	0.84	0.44	0.19	0.07	0.02	0.005	5.56	4.63	4.19	3.79	3.38	2.94	2.42	1.86	1.3	0.8	0.41	0.17	0.07	0.02	0.005	0	1.97
1.94	1.36	0.84	0.44	0.19	0.07	0.02	0.006	5.54	4.61	4.17	3.77	3.36	2.92	2.41	1.85	1.29	0.8	0.42	0.18	0.07	0.02	0.006	0	1.96
1.93	1.36	0.85	0.45	0.2	0.08	0.03	0.006	5.52	4.6	4.15	3.76	3.35	2.91	2.4	1.85	1.3	0.8	0.42	0.18	0.07	0.02	0.006	0	1.82
1.93	1.36	0.85	0.45	0.21	0.08	0.03	0.008	5.52	4.59	4.15	3.75	3.34	2.9	2.4	1.85	1.3	0.81	0.43	0.19	0.07	0.03	0.008	0	1.49
1.93	1.37	0.86	0.46	0.21	0.09	0.03	0.009	5.52	4.59	4.15	3.75	3.34	2.9	2.4	1.86	1.31	0.82	0.44	0.2	0.08	0.03	0.009	0	2.3
1.93	1.37	0.87	0.47	0.22	0.09	0.04	0.01	5.54	4.61	4.16	3.76	3.35	2.91	2.41	1.87	1.32	0.83	0.45	0.21	0.08	0.03	0.009	0	2.49
1.94	1.38	0.87	0.48	0.23	0.09	0.04	0.01	5.56	4.63	4.18	3.78	3.37	2.92	2.42	1.88	1.33	0.84	0.45	0.21	0.09	0.04	0.01	0	2.08
1.95	1.39	0.88	0.48	0.23	0.1	0.04	0.01	5.59	4.67	4.2	3.8	3.39	2.94	2.44	1.89	1.34	0.84	0.46	0.22	0.09	0.04	0.01	0	1.85
1.96	1.39	0.88	0.49	0.23	0.1	0.04	0.01	5.63	4.7	4.24	3.83	3.41	2.96	2.45	1.9	1.35	0.85	0.46	0.22	0.09	0.04	0.01	0	1.45
1.96	1.4	0.89	0.49	0.23	0.1	0.04	0.01	5.67	4.73	4.27	3.86	3.44	2.98	2.47	1.91	1.35	0.85	0.47	0.22	0.09	0.04	0.01	0	1.87
1.97	1.4	0.89	0.49	0.23	0.1	0.04	0.01	5.72	4.77	4.3	3.89	3.46	3	2.48	1.91	1.35	0.85	0.47	0.22	0.09	0.04	0.01	0	1.92
1.98	1.4	0.89	0.49	0.24	0.1	0.04	0.01	5.75	4.79	4.33	3.91	3.49	3.02	2.49	1.92	1.35	0.85	0.47	0.22	0.09	0.04	0.01	0	2.01
1.98	1.4	0.89	0.49	0.24	0.1	0.04	0.01	5.77	4.82	4.35	3.94	3.5	3.03	2.5	1.92	1.35	0.85	0.47	0.22	0.09	0.04	0.01	0	1.98
1.99	1.4	0.89	0.49	0.24	0.11	0.04	0.01	5.79	4.83	4.37	3.95	3.52	3.05	2.51	1.92	1.35	0.85	0.47	0.22	0.1	0.04	0.01	0	1.8
1.99	1.4	0.89	0.49	0.24	0.11	0.04	0.01	5.79	4.83	4.37	3.96	3.52	3.05	2.51	1.92	1.35	0.85	0.47	0.23	0.1	0.04	0.01	0	2.45
1.99	1.4	0.89	0.5	0.24	0.11	0.04	0.01	5.8	4.84	4.38	3.97	3.53	3.05	2.51	1.91	1.34	0.84	0.47	0.23	0.1	0.04	0.01	0	2.41
1.99	1.4	0.88	0.5	0.24	0.11	0.04	0.01	5.79	4.84	4.38	3.97	3.53	3.05	2.5	1.91	1.34	0.84	0.47	0.23	0.1	0.03	0.01	0	1.76
1.99	1.4	0.88	0.5	0.24	0.11	0.04	0.01	5.79	4.84	4.39	3.97	3.53	3.05	2.5	1.91	1.33	0.84	0.47	0.23	0.1	0.03	0.01	0	2.07
2	1.4	0.88	0.49	0.24	0.1	0.03	0.01	5.8	4.85	4.39	3.98	3.54	3.06	2.5	1.9	1.33	0.83	0.46	0.22	0.1	0.03	0.01	0	2.29
2.01	1.4	0.88	0.49	0.24	0.1	0.03	0.01	5.81	4.85	4.4	3.98	3.54	3.06	2.5	1.9	1.32	0.83	0.46	0.22	0.09	0.03	0.01	0	2.44
2.02	1.41	0.88	0.49	0.24	0.1	0.03	0.01	5.82	4.86	4.4	3.99	3.54	3.06	2.5	1.9	1.32	0.82	0.46	0.22	0.09	0.03	0.009	0	2.2
2.03	1.41	0.88	0.49	0.23	0.1	0.03	0.009	5.83	4.87	4.41	3.99	3.54	3.06	2.5	1.9	1.32	0.82	0.45	0.21	0.09	0.02	0.009	0	1.84
2.04	1.42	0.88	0.49	0.23	0.09	0.03	0.007	5.83	4.86	4.4	3.98	3.54	3.06	2.5	1.9	1.32	0.82	0.45	0.21	0.08	0.02	0.007	0	2.23
2.05	1.43	0.89	0.49	0.23	0.09	0.03	0.006	5.82	4.85	4.39	3.97	3.53	3.05	2.49	1.9	1.33	0.82	0.45	0.21	0.08	0.02	0.006	0	2.6
2.06	1.44	0.9	0.49	0.23	0.09	0.03	0.006	5.78	4.82	4.36	3.95	3.51	3.03	2.48	1.9	1.33	0.83	0.45	0.21	0.08	0.02	0.006	0	2.43
2.06	1.45	0.91	0.5	0.24	0.09	0.03	0.005	5.73	4.79	4.33	3.92	3.48	3.01	2.47	1.89	1.33	0.84	0.46	0.22	0.08	0.02	0.005	0	2.24
2.07	1.47	0.93	0.51	0.24	0.1	0.03	0.005	5.68	4.75	4.29	3.89	3.46	2.99	2.46	1.89	1.34	0.85	0.47	0.22	0.09	0.03	0.		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.4	1.87	1.34	0.85	0.47	0.22	0.08	0.01	5.47	4.28	3.77	3.4	3.02	2.64	2.25	1.86	1.47	1.06	0.68	0.38	0.18	0.07	0.01	0	1.5
2.39	1.87	1.34	0.85	0.47	0.22	0.08	0.01	5.42	4.25	3.76	3.39	3.01	2.63	2.24	1.86	1.46	1.06	0.68	0.38	0.18	0.07	0.01	0	1.54
2.39	1.86	1.33	0.84	0.46	0.22	0.08	0.01	5.37	4.22	3.74	3.38	3	2.63	2.24	1.85	1.45	1.05	0.67	0.37	0.18	0.07	0.01	0	1.8
2.39	1.85	1.32	0.83	0.46	0.22	0.08	0.01	5.33	4.2	3.73	3.37	3	2.63	2.24	1.85	1.45	1.04	0.66	0.37	0.18	0.06	0.01	0	2.32
2.39	1.85	1.31	0.82	0.45	0.21	0.08	0.01	5.29	4.18	3.72	3.36	3	2.62	2.24	1.85	1.44	1.03	0.66	0.36	0.17	0.06	0.01	0	2.45
2.38	1.83	1.29	0.81	0.44	0.21	0.08	0.01	5.27	4.16	3.71	3.36	2.99	2.62	2.24	1.84	1.43	1.02	0.65	0.36	0.17	0.06	0.01	0	1.94
2.37	1.82	1.27	0.79	0.43	0.2	0.07	0.01	5.24	4.14	3.7	3.35	2.99	2.61	2.23	1.83	1.42	1	0.63	0.35	0.16	0.06	0.01	0	2.08
2.34	1.79	1.24	0.77	0.41	0.19	0.07	0.01	5.22	4.11	3.68	3.33	2.97	2.6	2.21	1.81	1.4	0.98	0.62	0.34	0.16	0.06	0.01	0	2.53
2.3	1.75	1.21	0.74	0.39	0.18	0.06	0.01	5.18	4.07	3.64	3.3	2.94	2.57	2.18	1.78	1.37	0.96	0.6	0.32	0.15	0.05	0.01	0	2.7
2.25	1.71	1.18	0.72	0.38	0.17	0.06	0.01	5.14	4.03	3.6	3.26	2.9	2.54	2.15	1.75	1.34	0.94	0.58	0.31	0.14	0.05	0.01	0	2.66
2.2	1.67	1.15	0.7	0.37	0.17	0.06	0.01	5.09	3.99	3.56	3.22	2.87	2.51	2.12	1.73	1.32	0.92	0.56	0.3	0.14	0.05	0.01	0	2.12
2.15	1.63	1.12	0.67	0.36	0.16	0.05	0.01	5.05	3.95	3.52	3.18	2.83	2.47	2.09	1.7	1.29	0.9	0.55	0.3	0.13	0.04	0.01	0	2.45
2.12	1.6	1.09	0.66	0.35	0.15	0.05	0.01	5.01	3.92	3.49	3.15	2.8	2.45	2.07	1.68	1.28	0.89	0.54	0.29	0.13	0.04	0.01	0	2.73
2.09	1.57	1.08	0.65	0.35	0.15	0.05	0.01	4.98	3.89	3.47	3.13	2.79	2.43	2.06	1.67	1.26	0.87	0.53	0.29	0.13	0.04	0.01	0	2.77
2.08	1.56	1.07	0.64	0.34	0.15	0.05	0.01	4.97	3.89	3.46	3.13	2.79	2.43	2.06	1.67	1.26	0.87	0.53	0.29	0.13	0.04	0.01	0	2.65
2.08	1.56	1.07	0.64	0.34	0.14	0.05	0.01	4.97	3.89	3.47	3.14	2.8	2.45	2.07	1.68	1.27	0.88	0.53	0.28	0.12	0.04	0.01	0	1.97
2.09	1.57	1.07	0.64	0.33	0.14	0.04	0.01	4.99	3.91	3.49	3.16	2.82	2.47	2.09	1.69	1.28	0.88	0.53	0.28	0.12	0.04	0.009	0	2.34
2.1	1.58	1.07	0.63	0.33	0.14	0.04	0.01	4.99	3.92	3.51	3.18	2.84	2.48	2.11	1.71	1.29	0.89	0.53	0.28	0.12	0.03	0.009	0	2.55
2.11	1.59	1.08	0.63	0.33	0.13	0.04	0.01	5	3.93	3.53	3.2	2.86	2.51	2.12	1.72	1.31	0.9	0.53	0.28	0.11	0.03	0.01	0	2.53
2.12	1.6	1.09	0.64	0.32	0.13	0.04	0.009	5	3.94	3.54	3.22	2.88	2.52	2.14	1.74	1.32	0.91	0.54	0.28	0.11	0.03	0.009	0	2.14
2.12	1.61	1.09	0.64	0.33	0.13	0.04	0.009	5	3.95	3.56	3.23	2.9	2.54	2.16	1.76	1.34	0.92	0.54	0.28	0.11	0.03	0.009	0	1.87
2.13	1.62	1.1	0.65	0.33	0.13	0.04	0.008	5.01	3.96	3.57	3.25	2.91	2.56	2.18	1.77	1.35	0.93	0.55	0.28	0.11	0.03	0.008	0	2.36
2.14	1.63	1.11	0.66	0.33	0.13	0.04	0.008	5.03	3.97	3.59	3.27	2.93	2.57	2.19	1.79	1.37	0.94	0.56	0.28	0.11	0.03	0.008	0	2.32
2.14	1.64	1.12	0.67	0.34	0.13	0.04	0.008	5.06	3.99	3.61	3.29	2.95	2.59	2.21	1.81	1.39	0.96	0.57	0.29	0.11	0.03	0.008	0	1.57
2.15	1.64	1.13	0.67	0.34	0.13	0.04	0.008	5.1	4.02	3.64	3.32	2.98	2.62	2.24	1.83	1.41	0.97	0.58	0.29	0.11	0.03	0.008	61.1	1.56
2.16	1.65	1.14	0.68	0.34	0.14	0.04	0.009	5.16	4.06	3.68	3.35	3.01	2.65	2.26	1.86	1.42	0.98	0.59	0.3	0.12	0.03	0.009	0	1.59
2.17	1.66	1.15	0.69	0.35	0.14	0.04	0.009	5.22	4.11	3.72	3.39	3.04	2.68	2.29	1.88	1.44	1	0.6	0.3	0.12	0.03	0.009	0	1.46
2.18	1.67	1.16	0.69	0.35	0.14	0.04	0.009	5.28	4.15	3.77	3.43	3.08	2.71	2.32	1.9	1.46	1.01	0.61	0.31	0.12	0.03	0.009	0	1.34
2.19	1.68	1.16	0.7	0.36	0.15	0.04	0.01	5.34	4.2	3.81	3.48	3.12	2.75	2.35	1.92	1.47	1.02	0.61	0.31	0.13	0.04	0.008	69.9	1.42
2.2	1.68	1.17	0.71	0.36	0.15	0.04	0.01	5.38	4.25	3.86	3.52	3.16	2.78	2.37	1.94	1.49	1.03	0.62	0.32	0.13	0.04	0.009	0	1.53
2.21	1.69	1.17	0.71	0.37	0.15	0.05	0.01	5.41	4.3	3.9	3.56	3.19	2.81	2.4	1.96	1.5	1.04	0.63	0.32	0.13	0.04	0.009	0	1.58
2.21	1.7	1.18	0.71	0.37	0.15	0.05	0.01	5.43	4.33	3.93	3.6	3.23	2.84	2.42	1.98	1.51	1.05	0.63	0.32	0.13	0.04	0.009	0	1.77
2.22	1.7	1.18	0.72	0.37	0.16	0.05	0.01	5.45	4.37	3.97	3.63	3.26	2.87	2.45	1.99	1.52	1.06	0.64	0.33	0.13	0.04	0.009	0	2.08
2.23	1.71	1.19	0.72	0.37	0.16	0.05	0.01	5.45	4.39	4	3.66	3.28	2.89	2.47	2.01	1.53	1.06	0.64	0.33	0.13	0.04	0.009	0	2.35
2.24	1.71	1.19	0.72	0.37	0.16	0.05	0.01	5.45	4.41	4.02	3.68	3.31	2.91	2.48	2.02	1.54	1.07	0.64	0.32	0.14	0.04	0.009	0	2.34
2.24	1.71	1.19	0.72	0.37	0.16	0.05	0.01	5.43	4.42	4.03	3.69	3.32	2.92	2.49	2.03	1.54	1.07	0.64	0.33	0.14	0.04	0.009	0	2.02
2.24	1.71	1.19	0.72	0.37	0.16	0.05	0.01	5.4	4.41	4.03	3.7	3.32	2.93	2.49	2.03	1.54	1.07	0.64	0.33	0.14	0.04	0.01	0	2.45
2.24	1.71	1.18	0.72	0.37	0.16	0.05	0.01	5.35	4.39	4.02	3.69	3.32	2.92	2.49	2.02	1.54	1.07	0.64	0.33	0.14	0.04	0.01	0	2.64
2.23	1.7	1.18	0.72	0.37	0.16	0.05	0.01	5.29	4.36	4	3.67	3.31	2.91	2.48	2.02	1.54	1.06	0.64	0.33	0.14	0.04	0.01	0	2.37
2.22	1.69	1.18	0.72	0.37	0.16	0.05	0.01	5.23	4.32	3.97	3.64	3.28	2.89	2.47	2	1.53	1.06	0.64	0.33	0.14	0.04	0.01	0	1.6
2.2	1.68	1.17	0.72	0.37	0.16	0.05	0.01	5.16	4.28	3.93	3.61	3.26	2.87	2.45	1.99	1.52	1.05	0.64	0.32	0.14	0.04	0.01	0	2.33
2.19	1.68	1.17	0.72	0.37	0.16	0.05	0.01	5.11	4.24	3.89	3.58	3.23	2.85	2.43	1.97	1.51	1.05	0.64	0.32	0.14	0.04	0.01	0	2.6
2.19	1.67	1.17	0.71	0.37	0.16	0.05	0.01	5.07	4.21	3.86	3.55	3.2	2.82	2.41	1.96	1.5	1.04	0.63	0.32	0.14	0.04	0.01	0	2.53
2.18	1.67	1.16	0.71	0.36	0.16	0.05	0.01	5.04	4.17	3.83	3.52	3.18	2.8	2.39	1.94	1.49	1.03	0.63	0.32	0.14	0.04	0.01	0	2.19
2.17	1.66	1.16	0.71	0.36	0.16	0.05	0.01	5.02	4.15	3.8	3.5	3.15	2.78	2.37	1.93	1.48	1.03	0.63	0.32	0.14	0.04	0.01	0	1.59
2.17	1.66	1.15	0.7	0.36	0.16	0.05	0.01	5.01	4.12	3.78	3.47	3.12	2.75	2.35	1.92	1.47	1.02	0.62	0.32	0.14	0.04	0.01	172.9	2.32
2.16	1.65	1.15	0.7	0.36	0.16	0.05	0.01	5	4.09	3.75	3.43	3.09	2.73	2.33	1.9	1.46	1.01	0.62	0.31	0.14	0.04	0.01	0	2.36
2.14	1.64	1.14	0.7	0.35	0.15	0.05	0.01	4.98	4.05	3.71	3.4	3.06	2.69	2.3	1.88	1.44	1.01	0.61	0.31	0.13	0.04	0.009	0	2.24
2.11	1.63	1.14	0.69	0.35	0.15	0.05	0.01	4.95	4.01	3.66	3.35	3.01	2.65	2.27	1.86	1.43	1	0.61	0.31	0.13	0.04	0.009	0	2.25
2.08	1.6	1.12	0.69	0.35	0.15	0.04	0.01	4.91	3.95	3.61	3.29	2.96	2.6	2.23	1.82	1.41	0.99	0.61	0.31	0.13	0.04	0.008	0	2.14
2.04	1.58	1.11	0.68	0.34	0.14	0.04	0.01	4.85	3.89	3.54	3.23	2.9	2.55	2.18	1.79	1.39	0.98	0.6	0.3	0.13	0.04	0.01	0	1.59
2	1.55	1.1	0.68	0.34	0.14	0.04	0.01	4.79	3.83	3.48	3.17	2.85	2.5	2.14	1.76	1.37	0.97	0.6	0.3	0.13	0.04	0.01	0	2.41
1.96	1.53	1.09	0.68	0.34	0.14	0.04	0.01	4.73	3.77	3.42	3.11	2.79	2.45	2.1	1.73	1.35	0.97	0.6	0.31	0.13	0.04	0.01	0	2.41
1.92	1.51	1.08	0.68	0.35	0.15	0.04	0.01	4.69	3.72	3.37	3.06	2.74	2.41	2.06	1.71	1.34	0.96	0.6	0.31	0.13	0.04	0.009	0	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2	1.61	1.18	0.77	0.43	0.21	0.08	0.02	4.56	3.52	3.17	2.91	2.63	2.34	2.03	1.72	1.38	1.02	0.67	0.38	0.18	0.07	0.01	0	2.25
2.03	1.63	1.2	0.78	0.44	0.21	0.08	0.02	4.63	3.56	3.21	2.93	2.65	2.36	2.05	1.73	1.4	1.03	0.67	0.38	0.18	0.07	0.01	0	2.29
2.06	1.65	1.22	0.79	0.44	0.21	0.08	0.02	4.7	3.6	3.24	2.96	2.68	2.38	2.07	1.75	1.41	1.04	0.68	0.38	0.18	0.07	0.01	0	2.05
2.07	1.66	1.23	0.8	0.45	0.21	0.08	0.02	4.75	3.63	3.26	2.98	2.69	2.39	2.08	1.76	1.42	1.05	0.69	0.39	0.18	0.07	0.01	0	2.07
2.08	1.67	1.23	0.81	0.45	0.21	0.08	0.02	4.78	3.65	3.28	2.99	2.71	2.4	2.09	1.77	1.42	1.05	0.69	0.39	0.19	0.07	0.01	0	1.92
2.09	1.68	1.24	0.81	0.46	0.22	0.08	0.02	4.82	3.67	3.3	3.01	2.72	2.41	2.1	1.78	1.43	1.06	0.7	0.4	0.19	0.07	0.01	0	1.53
2.09	1.68	1.24	0.82	0.46	0.22	0.08	0.02	4.84	3.69	3.33	3.03	2.73	2.43	2.11	1.79	1.44	1.07	0.7	0.4	0.19	0.07	0.01	0	1.79
2.09	1.68	1.25	0.82	0.47	0.22	0.09	0.02	4.86	3.72	3.35	3.05	2.76	2.44	2.12	1.8	1.45	1.08	0.71	0.41	0.2	0.07	0.01	0	2.08
2.1	1.69	1.25	0.83	0.47	0.23	0.09	0.02	4.89	3.76	3.39	3.08	2.78	2.47	2.15	1.82	1.47	1.09	0.72	0.42	0.2	0.08	0.02	0	2.3
2.1	1.69	1.26	0.83	0.48	0.23	0.09	0.02	4.92	3.8	3.43	3.12	2.82	2.5	2.17	1.84	1.48	1.1	0.73	0.42	0.21	0.08	0.02	0	2
2.11	1.7	1.27	0.84	0.49	0.24	0.09	0.02	4.95	3.85	3.47	3.16	2.85	2.53	2.2	1.86	1.5	1.12	0.75	0.43	0.21	0.08	0.02	0	1.54
2.11	1.7	1.27	0.85	0.49	0.25	0.1	0.02	4.98	3.9	3.52	3.21	2.89	2.57	2.23	1.89	1.52	1.14	0.76	0.44	0.22	0.09	0.02	0	1.39
2.11	1.71	1.28	0.86	0.5	0.25	0.1	0.02	5.01	3.95	3.57	3.25	2.93	2.6	2.26	1.91	1.54	1.15	0.77	0.45	0.22	0.09	0.02	0	1.37
2.11	1.71	1.28	0.86	0.5	0.25	0.1	0.02	5.02	3.99	3.61	3.3	2.97	2.63	2.28	1.93	1.56	1.17	0.79	0.46	0.23	0.09	0.02	0	2.18
2.11	1.71	1.29	0.87	0.51	0.26	0.11	0.03	5.03	4.03	3.65	3.34	3.01	2.66	2.31	1.95	1.58	1.19	0.8	0.47	0.24	0.1	0.02	0	2.5
2.11	1.71	1.29	0.88	0.52	0.27	0.11	0.03	5.02	4.06	3.69	3.37	3.04	2.7	2.34	1.98	1.6	1.21	0.82	0.48	0.25	0.1	0.02	0	2.12
2.11	1.71	1.3	0.89	0.53	0.27	0.11	0.03	5.01	4.08	3.72	3.4	3.07	2.72	2.36	2	1.62	1.22	0.83	0.49	0.25	0.11	0.03	0	1.95
2.1	1.71	1.3	0.89	0.53	0.28	0.12	0.03	4.98	4.1	3.74	3.43	3.1	2.75	2.38	2.02	1.64	1.24	0.85	0.5	0.26	0.11	0.03	0	2.23
2.1	1.71	1.3	0.9	0.54	0.29	0.12	0.03	4.95	4.12	3.77	3.46	3.13	2.77	2.41	2.04	1.65	1.26	0.86	0.51	0.27	0.11	0.03	0	2.19
2.1	1.71	1.31	0.9	0.54	0.29	0.12	0.03	4.92	4.14	3.8	3.49	3.15	2.8	2.43	2.06	1.67	1.27	0.87	0.52	0.27	0.11	0.03	0	2.07
2.11	1.71	1.31	0.9	0.54	0.29	0.12	0.03	4.9	4.16	3.82	3.52	3.18	2.82	2.45	2.07	1.68	1.28	0.87	0.52	0.27	0.12	0.03	311	2.19
2.11	1.71	1.31	0.9	0.54	0.29	0.13	0.04	4.89	4.18	3.85	3.54	3.2	2.85	2.47	2.09	1.69	1.28	0.87	0.52	0.28	0.12	0.03	0	2.2
2.11	1.71	1.3	0.89	0.54	0.29	0.13	0.04	4.88	4.2	3.87	3.56	3.22	2.86	2.49	2.1	1.7	1.29	0.88	0.52	0.28	0.12	0.03	0	1.73
2.11	1.71	1.3	0.89	0.54	0.29	0.13	0.04	4.88	4.21	3.88	3.58	3.24	2.88	2.5	2.11	1.71	1.29	0.88	0.52	0.28	0.12	0.03	0	2.36
2.11	1.71	1.3	0.89	0.54	0.29	0.13	0.04	4.87	4.21	3.88	3.58	3.24	2.88	2.5	2.11	1.71	1.29	0.87	0.53	0.28	0.12	0.03	64.7	2.52
2.1	1.7	1.29	0.88	0.54	0.29	0.13	0.04	4.86	4.21	3.88	3.58	3.24	2.88	2.5	2.11	1.71	1.29	0.87	0.53	0.28	0.12	0.03	0	2.06
2.09	1.7	1.29	0.88	0.53	0.28	0.12	0.04	4.84	4.2	3.87	3.57	3.24	2.88	2.5	2.11	1.7	1.28	0.87	0.52	0.27	0.12	0.03	221.9	1.32
2.08	1.69	1.28	0.88	0.53	0.28	0.12	0.03	4.82	4.18	3.85	3.56	3.22	2.87	2.49	2.1	1.7	1.28	0.87	0.52	0.27	0.12	0.03	0	1.31
2.07	1.68	1.28	0.88	0.53	0.28	0.12	0.03	4.8	4.16	3.84	3.54	3.21	2.85	2.48	2.1	1.7	1.28	0.87	0.52	0.27	0.11	0.03	0	1.5
2.07	1.68	1.28	0.88	0.53	0.28	0.12	0.03	4.78	4.15	3.82	3.53	3.2	2.84	2.47	2.09	1.7	1.28	0.87	0.52	0.27	0.11	0.03	0	2.3
2.06	1.68	1.27	0.88	0.53	0.28	0.12	0.03	4.77	4.13	3.81	3.51	3.18	2.83	2.47	2.09	1.69	1.28	0.87	0.52	0.27	0.11	0.03	0	2.23
2.05	1.67	1.27	0.87	0.53	0.27	0.11	0.03	4.77	4.12	3.81	3.5	3.17	2.82	2.46	2.08	1.69	1.28	0.87	0.52	0.27	0.11	0.03	0	1.73
2.05	1.67	1.27	0.87	0.53	0.27	0.11	0.03	4.79	4.12	3.81	3.5	3.17	2.82	2.46	2.08	1.7	1.28	0.87	0.52	0.26	0.11	0.03	0	1.52
2.04	1.67	1.27	0.88	0.53	0.27	0.11	0.03	4.81	4.13	3.82	3.5	3.17	2.82	2.46	2.08	1.7	1.29	0.88	0.52	0.26	0.1	0.03	0	1.14
2.04	1.67	1.28	0.88	0.52	0.26	0.1	0.03	4.85	4.14	3.83	3.51	3.18	2.82	2.46	2.09	1.7	1.29	0.88	0.52	0.26	0.1	0.03	0	1.29
2.04	1.67	1.28	0.88	0.52	0.26	0.1	0.03	4.88	4.15	3.84	3.52	3.18	2.82	2.46	2.09	1.71	1.3	0.88	0.52	0.26	0.1	0.02	0	1.52
2.04	1.68	1.28	0.88	0.53	0.26	0.1	0.03	4.92	4.17	3.85	3.53	3.19	2.83	2.46	2.09	1.71	1.3	0.89	0.52	0.26	0.1	0.02	0	1.66
2.04	1.68	1.29	0.89	0.53	0.26	0.1	0.03	4.96	4.18	3.86	3.53	3.19	2.83	2.46	2.09	1.71	1.31	0.9	0.53	0.26	0.1	0.02	0	1.75
2.04	1.68	1.29	0.89	0.53	0.26	0.1	0.03	4.99	4.19	3.86	3.53	3.19	2.83	2.46	2.09	1.72	1.31	0.9	0.53	0.26	0.1	0.02	0	2.28
2.04	1.68	1.3	0.9	0.54	0.26	0.11	0.03	5.02	4.21	3.86	3.53	3.19	2.83	2.46	2.1	1.72	1.32	0.91	0.54	0.26	0.1	0.03	0	2.41
2.04	1.69	1.3	0.91	0.54	0.27	0.11	0.03	5.04	4.22	3.87	3.54	3.19	2.83	2.46	2.1	1.73	1.33	0.92	0.54	0.26	0.1	0.03	0	2.11
2.05	1.69	1.31	0.92	0.55	0.27	0.11	0.03	5.08	4.24	3.88	3.54	3.2	2.83	2.47	2.1	1.73	1.33	0.93	0.55	0.27	0.11	0.03	423.8	1.99
2.06	1.7	1.32	0.92	0.56	0.28	0.11	0.03	5.11	4.26	3.89	3.55	3.21	2.84	2.47	2.11	1.74	1.34	0.93	0.56	0.27	0.11	0.03	0	2.54
2.07	1.71	1.33	0.93	0.57	0.29	0.12	0.03	5.15	4.28	3.9	3.57	3.22	2.85	2.48	2.12	1.75	1.35	0.95	0.57	0.28	0.11	0.03	0	2.58
2.08	1.72	1.34	0.94	0.58	0.3	0.12	0.03	5.19	4.3	3.92	3.59	3.24	2.87	2.5	2.13	1.76	1.37	0.96	0.58	0.29	0.12	0.03	0	2.34
2.09	1.73	1.35	0.95	0.59	0.3	0.13	0.04	5.23	4.32	3.94	3.6	3.25	2.88	2.5	2.14	1.77	1.38	0.97	0.59	0.3	0.13	0.03	0	1.21
2.09	1.74	1.36	0.96	0.6	0.31	0.13	0.04	5.26	4.33	3.95	3.62	3.26	2.88	2.51	2.14	1.78	1.38	0.98	0.6	0.31	0.13	0.04	0	2.28
2.1	1.74	1.37	0.97	0.61	0.32	0.14	0.04	5.27	4.34	3.96	3.62	3.26	2.89	2.51	2.15	1.78	1.39	0.99	0.61	0.32	0.13	0.04	0	2.38
2.1	1.75	1.37	0.98	0.62	0.32	0.14	0.04	5.26	4.33	3.96	3.62	3.26	2.89	2.51	2.15	1.79	1.4	1	0.62	0.32	0.14	0.04	0	2.49
2.09	1.75	1.38	1	0.63	0.33	0.15	0.04	5.23	4.31	3.95	3.62	3.26	2.88	2.51	2.15	1.79	1.41	1.01	0.63	0.33	0.14	0.04	103.8	2.64
2.09	1.75	1.39	1.01	0.64	0.34	0.15	0.05	5.2	4.29	3.94	3.61	3.25	2.88	2.51	2.15	1.8	1.42	1.02	0.65	0.34	0.15	0.04	0	2.34
2.09	1.76	1.4	1.02	0.65	0.35	0.16	0.05	5.16	4.28	3.94	3.6	3.25	2.88	2.51	2.15	1.8	1.43	1.04	0.66	0.35	0.16	0.05	0	2.22
2.09	1.76	1.41	1.03	0.67	0.36	0.16	0.05	5.12	4.27	3.93	3.6	3.25	2.88	2.51	2.15	1.81	1.44	1.05	0.67	0.36	0.16	0.05	0	2.7
2.1	1.77	1.42	1.04	0.68	0.37	0.17	0.05	5.11	4.27	3.95	3.61	3.26	2.89	2.52	2.16	1.82	1.45	1.06	0.69	0.37	0.17	0.05	0	2.74
2.11	1.78	1.43	1.05	0.69																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.35	1.97	1.57	1.14	0.72	0.39	0.17	0.05	4.76	4.08	3.82	3.52	3.2	2.85	2.5	2.16	1.81	1.44	1.05	0.67	0.36	0.16	0.05	0	2.15
2.35	1.97	1.58	1.15	0.74	0.4	0.18	0.06	4.74	4.06	3.8	3.5	3.18	2.84	2.49	2.15	1.81	1.45	1.06	0.68	0.37	0.16	0.05	0	1.16
2.35	1.98	1.59	1.16	0.75	0.41	0.18	0.06	4.73	4.05	3.79	3.49	3.18	2.84	2.49	2.15	1.81	1.45	1.06	0.69	0.38	0.17	0.05	0	2.34
2.36	1.99	1.6	1.17	0.76	0.42	0.19	0.06	4.73	4.04	3.78	3.49	3.17	2.83	2.49	2.15	1.82	1.46	1.07	0.69	0.39	0.17	0.06	0	2.38
2.37	2	1.61	1.18	0.77	0.43	0.2	0.06	4.74	4.04	3.78	3.49	3.17	2.83	2.49	2.15	1.82	1.47	1.08	0.7	0.39	0.18	0.06	0	2.19
2.38	2.01	1.62	1.19	0.77	0.44	0.2	0.07	4.76	4.05	3.78	3.49	3.17	2.84	2.49	2.15	1.82	1.47	1.08	0.71	0.4	0.18	0.06	115	1.98
2.39	2.02	1.63	1.2	0.78	0.44	0.2	0.07	4.78	4.07	3.79	3.5	3.18	2.84	2.49	2.16	1.83	1.47	1.08	0.71	0.4	0.18	0.06	0	2.59
2.4	2.03	1.63	1.2	0.78	0.44	0.2	0.07	4.81	4.08	3.8	3.51	3.19	2.85	2.5	2.16	1.83	1.47	1.08	0.71	0.4	0.18	0.06	0	2.65
2.41	2.04	1.63	1.19	0.77	0.43	0.2	0.06	4.85	4.1	3.81	3.52	3.2	2.86	2.51	2.16	1.83	1.47	1.08	0.7	0.39	0.18	0.06	0	2.09
2.43	2.04	1.63	1.19	0.77	0.42	0.19	0.06	4.89	4.12	3.82	3.53	3.21	2.86	2.51	2.17	1.83	1.47	1.07	0.69	0.38	0.17	0.05	0	2.23
2.44	2.05	1.63	1.19	0.76	0.42	0.19	0.06	4.92	4.14	3.83	3.55	3.22	2.87	2.52	2.17	1.83	1.46	1.06	0.69	0.38	0.17	0.05	0	2.68
2.45	2.06	1.64	1.18	0.76	0.41	0.19	0.06	4.96	4.16	3.84	3.56	3.23	2.88	2.53	2.18	1.83	1.46	1.06	0.68	0.37	0.17	0.05	0	2.77
2.46	2.07	1.64	1.18	0.76	0.41	0.19	0.06	4.99	4.17	3.85	3.56	3.24	2.89	2.53	2.19	1.84	1.46	1.06	0.68	0.36	0.17	0.05	0	2.42
2.48	2.08	1.64	1.18	0.75	0.4	0.18	0.05	5.02	4.18	3.86	3.57	3.24	2.9	2.54	2.2	1.84	1.46	1.05	0.67	0.36	0.16	0.05	245.6	1.55
2.49	2.08	1.65	1.18	0.75	0.4	0.18	0.05	5.03	4.19	3.86	3.57	3.25	2.91	2.55	2.2	1.85	1.46	1.05	0.67	0.36	0.16	0.05	0	2.4
2.5	2.1	1.65	1.18	0.74	0.39	0.18	0.05	5.05	4.19	3.87	3.58	3.26	2.92	2.56	2.21	1.85	1.46	1.05	0.66	0.35	0.16	0.04	0	2.54
2.52	2.11	1.65	1.17	0.74	0.39	0.17	0.05	5.06	4.2	3.87	3.58	3.27	2.92	2.57	2.22	1.86	1.46	1.04	0.65	0.34	0.15	0.04	0	2.47
2.54	2.12	1.66	1.17	0.73	0.38	0.16	0.05	5.06	4.2	3.88	3.59	3.28	2.93	2.58	2.23	1.86	1.46	1.03	0.64	0.34	0.14	0.04	0	2.33
2.55	2.13	1.66	1.16	0.72	0.37	0.16	0.04	5.07	4.21	3.89	3.6	3.29	2.95	2.59	2.23	1.86	1.46	1.02	0.63	0.33	0.14	0.04	0	2.03
2.57	2.14	1.66	1.16	0.7	0.36	0.15	0.04	5.08	4.21	3.9	3.61	3.3	2.96	2.6	2.24	1.87	1.45	1.02	0.62	0.32	0.13	0.03	0	1.54
2.58	2.15	1.66	1.16	0.69	0.35	0.14	0.04	5.08	4.22	3.91	3.62	3.31	2.96	2.61	2.25	1.87	1.45	1.01	0.61	0.31	0.12	0.03	0	2.34
2.6	2.16	1.67	1.16	0.69	0.34	0.14	0.03	5.07	4.22	3.92	3.63	3.31	2.97	2.61	2.25	1.87	1.45	1.01	0.6	0.3	0.12	0.03	0	2.47
2.6	2.16	1.67	1.16	0.68	0.34	0.13	0.03	5.05	4.21	3.92	3.63	3.31	2.97	2.62	2.25	1.87	1.45	1	0.59	0.29	0.12	0.03	0	2.34
2.61	2.16	1.68	1.16	0.68	0.34	0.13	0.03	5.02	4.2	3.91	3.62	3.31	2.97	2.61	2.25	1.87	1.45	1	0.59	0.29	0.11	0.03	0	1.84
2.61	2.16	1.68	1.16	0.68	0.34	0.13	0.03	5	4.19	3.9	3.62	3.3	2.96	2.61	2.25	1.87	1.45	1.01	0.6	0.29	0.11	0.03	0	1.42
2.61	2.17	1.68	1.17	0.69	0.34	0.13	0.03	4.97	4.18	3.89	3.61	3.3	2.96	2.61	2.25	1.87	1.45	1.01	0.6	0.29	0.11	0.03	0	1.76
2.61	2.17	1.68	1.17	0.69	0.34	0.13	0.03	4.96	4.18	3.89	3.61	3.29	2.96	2.61	2.25	1.87	1.46	1.01	0.6	0.29	0.11	0.03	0	1.29
2.61	2.17	1.69	1.17	0.69	0.34	0.13	0.03	4.95	4.18	3.89	3.61	3.3	2.96	2.61	2.25	1.88	1.46	1.02	0.6	0.29	0.11	0.03	0	1.95
2.61	2.17	1.69	1.17	0.69	0.34	0.13	0.03	4.96	4.2	3.9	3.62	3.31	2.97	2.62	2.26	1.88	1.47	1.02	0.61	0.29	0.11	0.03	92.1	2.14
2.61	2.17	1.69	1.17	0.7	0.34	0.13	0.03	4.98	4.22	3.92	3.64	3.32	2.99	2.63	2.26	1.89	1.47	1.03	0.61	0.29	0.12	0.03	0	2.18
2.61	2.17	1.69	1.17	0.7	0.34	0.13	0.03	5.01	4.24	3.94	3.66	3.34	3	2.64	2.28	1.89	1.47	1.03	0.61	0.3	0.12	0.03	0	1.76
2.62	2.17	1.68	1.17	0.7	0.34	0.13	0.03	5.06	4.28	3.97	3.69	3.37	3.02	2.66	2.29	1.9	1.48	1.03	0.61	0.3	0.12	0.03	0	1.54
2.62	2.17	1.68	1.17	0.7	0.34	0.13	0.03	5.11	4.31	4.01	3.72	3.4	3.05	2.68	2.3	1.91	1.48	1.03	0.61	0.3	0.12	0.03	0	1.98
2.62	2.17	1.68	1.17	0.69	0.34	0.13	0.03	5.16	4.35	4.05	3.75	3.43	3.07	2.7	2.32	1.92	1.49	1.03	0.62	0.3	0.12	0.03	0	2.14
2.63	2.17	1.68	1.16	0.7	0.34	0.14	0.04	5.2	4.38	4.08	3.78	3.45	3.1	2.72	2.33	1.93	1.49	1.04	0.62	0.3	0.12	0.03	0	1.94
2.63	2.17	1.68	1.16	0.7	0.35	0.14	0.04	5.25	4.42	4.12	3.81	3.48	3.12	2.74	2.34	1.94	1.49	1.04	0.62	0.31	0.12	0.03	0	1.39
2.63	2.17	1.68	1.16	0.7	0.35	0.14	0.04	5.28	4.45	4.14	3.84	3.5	3.14	2.75	2.36	1.95	1.5	1.04	0.62	0.31	0.12	0.03	0	1.78
2.63	2.17	1.67	1.16	0.7	0.35	0.14	0.04	5.3	4.47	4.16	3.86	3.52	3.16	2.77	2.37	1.95	1.51	1.04	0.63	0.32	0.12	0.03	0	1.48
2.63	2.17	1.67	1.16	0.7	0.35	0.14	0.04	5.32	4.49	4.18	3.88	3.54	3.17	2.78	2.38	1.96	1.51	1.05	0.63	0.32	0.13	0.03	0	1.43
2.62	2.16	1.66	1.15	0.69	0.35	0.14	0.04	5.33	4.51	4.2	3.9	3.56	3.19	2.79	2.38	1.96	1.51	1.05	0.63	0.32	0.13	0.03	0	2.02
2.61	2.15	1.65	1.15	0.69	0.35	0.14	0.04	5.32	4.53	4.21	3.91	3.57	3.2	2.8	2.39	1.96	1.51	1.05	0.63	0.32	0.13	0.03	0	2.28
2.6	2.13	1.64	1.13	0.68	0.35	0.14	0.04	5.31	4.53	4.22	3.92	3.58	3.2	2.8	2.39	1.96	1.51	1.04	0.62	0.32	0.13	0.03	0	1.4
2.57	2.1	1.61	1.11	0.66	0.33	0.13	0.03	5.29	4.53	4.21	3.92	3.58	3.2	2.8	2.38	1.95	1.49	1.03	0.61	0.31	0.12	0.03	0	1.95
2.54	2.08	1.59	1.09	0.64	0.32	0.13	0.03	5.26	4.52	4.21	3.92	3.58	3.2	2.79	2.37	1.94	1.48	1.01	0.59	0.3	0.12	0.03	0	2.3
2.52	2.05	1.56	1.07	0.63	0.31	0.12	0.03	5.22	4.51	4.2	3.91	3.57	3.2	2.79	2.36	1.92	1.46	1	0.58	0.29	0.11	0.03	0	2.38
2.49	2.02	1.53	1.04	0.61	0.3	0.12	0.03	5.18	4.49	4.19	3.91	3.57	3.19	2.78	2.35	1.91	1.45	0.98	0.57	0.28	0.11	0.03	0	2.41
2.46	2	1.51	1.02	0.6	0.3	0.12	0.03	5.15	4.47	4.19	3.9	3.56	3.19	2.78	2.35	1.9	1.43	0.97	0.56	0.28	0.11	0.03	0	2.16
2.44	1.98	1.49	1.01	0.59	0.29	0.11	0.03	5.12	4.46	4.18	3.9	3.56	3.19	2.78	2.34	1.89	1.42	0.96	0.56	0.27	0.1	0.03	0	1.93
2.43	1.97	1.48	1	0.59	0.29	0.11	0.03	5.11	4.46	4.19	3.9	3.57	3.2	2.78	2.35	1.89	1.42	0.95	0.55	0.27	0.1	0.03	0	2.38
2.43	1.96	1.47	0.99	0.58	0.29	0.11	0.03	5.12	4.47	4.2	3.91	3.58	3.21	2.8	2.36	1.9	1.42	0.95	0.55	0.27	0.1	0.03	0	2.5
2.43	1.96	1.47	0.98	0.57	0.28	0.11	0.03	5.14	4.49	4.22	3.93	3.6	3.22	2.81	2.37	1.9	1.42	0.94	0.55	0.27	0.1	0.02	0	2.41
2.44	1.96	1.47	0.98	0.57	0.28	0.1	0.03	5.18	4.51	4.24	3.95	3.62	3.24	2.83	2.38	1.91	1.42	0.94	0.54	0.26	0.1	0.02	0	2.16
2.44	1.96	1.47	0.98	0.56	0.28	0.1	0.03	5.21	4.54	4.26	3.97	3.63	3.26	2.84	2.39	1.91	1.42	0.94	0.54	0.26	0.09	0.02	0	1
2.45	1.97	1.46	0.97	0.56	0.27	0.1	0.03	5.25	4.56	4.27	3.98	3.65	3.27	2.85	2.39	1.91	1.42	0.94	0.53	0.26	0.09	0.02	0	2.14
2.46	1.98	1.47	0.97	0.56																				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.33	1.95	1.54	1.11	0.7	0.37	0.16	0.05	4.71	3.96	3.7	3.45	3.17	2.86	2.53	2.18	1.82	1.44	1.03	0.65	0.34	0.15	0.04	0	1.38
2.33	1.95	1.54	1.11	0.7	0.38	0.16	0.05	4.69	3.95	3.69	3.44	3.16	2.85	2.52	2.18	1.82	1.44	1.04	0.65	0.34	0.15	0.04	0	2.13
2.32	1.94	1.54	1.12	0.71	0.38	0.17	0.05	4.67	3.94	3.68	3.43	3.16	2.85	2.52	2.18	1.82	1.44	1.04	0.65	0.35	0.15	0.04	0	2.44
2.31	1.94	1.54	1.12	0.71	0.38	0.17	0.05	4.67	3.94	3.68	3.43	3.16	2.86	2.53	2.18	1.83	1.45	1.05	0.66	0.35	0.15	0.04	0	2.39
2.31	1.93	1.54	1.12	0.71	0.38	0.17	0.05	4.67	3.95	3.69	3.44	3.17	2.86	2.53	2.19	1.83	1.45	1.05	0.66	0.35	0.15	0.05	0	2.19
2.3	1.93	1.53	1.12	0.71	0.38	0.17	0.05	4.68	3.96	3.69	3.45	3.17	2.87	2.54	2.19	1.84	1.45	1.06	0.67	0.36	0.16	0.05	0	1.58
2.3	1.93	1.53	1.11	0.71	0.38	0.17	0.05	4.7	3.97	3.7	3.46	3.18	2.88	2.55	2.2	1.84	1.46	1.06	0.67	0.36	0.16	0.05	0	2.17
2.29	1.92	1.53	1.11	0.71	0.39	0.17	0.05	4.72	3.98	3.71	3.47	3.19	2.89	2.56	2.21	1.85	1.46	1.06	0.67	0.36	0.16	0.05	0	2.34
2.28	1.92	1.52	1.11	0.71	0.39	0.17	0.05	4.73	3.99	3.72	3.48	3.2	2.9	2.56	2.22	1.86	1.47	1.06	0.67	0.36	0.16	0.05	0	2.22
2.27	1.91	1.52	1.1	0.71	0.39	0.17	0.06	4.73	3.99	3.72	3.48	3.2	2.9	2.57	2.22	1.86	1.47	1.07	0.68	0.37	0.16	0.05	0	1.97
2.26	1.9	1.51	1.1	0.71	0.39	0.17	0.06	4.72	3.99	3.72	3.48	3.2	2.9	2.57	2.22	1.86	1.48	1.07	0.68	0.37	0.16	0.05	0	1.6
2.24	1.89	1.51	1.1	0.71	0.39	0.17	0.06	4.71	3.99	3.72	3.48	3.2	2.9	2.57	2.22	1.87	1.48	1.07	0.69	0.37	0.16	0.05	0	2.13
2.23	1.88	1.5	1.1	0.71	0.39	0.17	0.06	4.7	3.98	3.73	3.48	3.2	2.9	2.57	2.23	1.87	1.49	1.08	0.69	0.38	0.16	0.05	0	2.24
2.22	1.88	1.5	1.1	0.71	0.39	0.17	0.06	4.69	3.98	3.73	3.48	3.21	2.91	2.58	2.23	1.88	1.49	1.09	0.69	0.38	0.16	0.05	0	2.13
2.21	1.87	1.5	1.1	0.71	0.39	0.17	0.06	4.68	3.98	3.73	3.49	3.21	2.91	2.58	2.23	1.88	1.5	1.09	0.7	0.38	0.17	0.05	0	1.73
2.2	1.86	1.5	1.1	0.71	0.39	0.18	0.06	4.68	3.99	3.74	3.5	3.22	2.92	2.59	2.24	1.89	1.51	1.1	0.7	0.38	0.17	0.05	0	1.86
2.2	1.86	1.49	1.1	0.71	0.39	0.18	0.06	4.68	4	3.75	3.5	3.23	2.92	2.59	2.25	1.89	1.51	1.11	0.71	0.39	0.17	0.05	0	2.09
2.19	1.86	1.49	1.1	0.71	0.39	0.18	0.06	4.68	4	3.75	3.51	3.24	2.93	2.6	2.25	1.9	1.52	1.12	0.71	0.39	0.17	0.05	0	2.08
2.18	1.85	1.49	1.11	0.72	0.4	0.18	0.06	4.68	4.01	3.76	3.51	3.24	2.94	2.61	2.26	1.91	1.53	1.12	0.72	0.39	0.17	0.05	0	1.68
2.18	1.85	1.49	1.11	0.72	0.4	0.18	0.06	4.67	4.02	3.76	3.52	3.25	2.94	2.61	2.27	1.91	1.54	1.13	0.73	0.4	0.18	0.06	0	1.44
2.17	1.85	1.5	1.11	0.73	0.4	0.18	0.06	4.67	4.03	3.76	3.53	3.26	2.95	2.62	2.27	1.92	1.55	1.14	0.74	0.4	0.18	0.06	0	1.46
2.17	1.85	1.5	1.12	0.73	0.41	0.19	0.06	4.66	4.03	3.77	3.53	3.26	2.95	2.63	2.28	1.93	1.56	1.15	0.74	0.41	0.18	0.06	0	1.43
2.17	1.85	1.5	1.12	0.74	0.41	0.19	0.06	4.66	4.05	3.77	3.54	3.27	2.96	2.64	2.29	1.94	1.57	1.16	0.75	0.42	0.19	0.06	0	1.08
2.17	1.85	1.51	1.13	0.74	0.42	0.19	0.06	4.67	4.06	3.78	3.55	3.28	2.97	2.64	2.3	1.95	1.57	1.17	0.76	0.42	0.19	0.06	0	2.1
2.18	1.85	1.51	1.13	0.75	0.42	0.2	0.07	4.68	4.08	3.79	3.56	3.29	2.98	2.65	2.31	1.95	1.58	1.17	0.77	0.43	0.19	0.06	0	2.29
2.18	1.86	1.51	1.13	0.75	0.43	0.2	0.07	4.7	4.09	3.79	3.57	3.3	2.99	2.66	2.31	1.96	1.59	1.18	0.77	0.43	0.2	0.06	0	2.04
2.18	1.86	1.52	1.14	0.76	0.43	0.2	0.07	4.71	4.1	3.8	3.58	3.3	3	2.67	2.32	1.97	1.6	1.19	0.78	0.44	0.2	0.07	90.5	2.34
2.18	1.86	1.52	1.14	0.76	0.43	0.2	0.07	4.72	4.11	3.8	3.58	3.3	3	2.67	2.32	1.97	1.6	1.19	0.78	0.44	0.2	0.07	0	2.56
2.19	1.86	1.52	1.14	0.76	0.43	0.2	0.07	4.73	4.11	3.8	3.58	3.3	3	2.67	2.33	1.97	1.6	1.19	0.79	0.44	0.2	0.07	64.8	2.54
2.19	1.87	1.52	1.14	0.76	0.43	0.2	0.07	4.75	4.11	3.81	3.58	3.3	3	2.67	2.33	1.98	1.6	1.2	0.79	0.44	0.2	0.07	0	1.83
2.19	1.87	1.52	1.15	0.76	0.44	0.2	0.07	4.76	4.11	3.81	3.58	3.3	3	2.67	2.33	1.98	1.61	1.2	0.79	0.44	0.2	0.07	0	2.4
2.19	1.87	1.52	1.15	0.77	0.44	0.2	0.07	4.77	4.11	3.81	3.58	3.31	3	2.67	2.33	1.98	1.6	1.2	0.79	0.44	0.2	0.07	0	2.6
2.2	1.87	1.53	1.15	0.77	0.44	0.2	0.07	4.79	4.11	3.82	3.58	3.31	3.01	2.67	2.33	1.98	1.6	1.2	0.79	0.44	0.2	0.07	0	2.48
2.2	1.88	1.53	1.15	0.77	0.44	0.21	0.07	4.8	4.11	3.82	3.59	3.31	3.01	2.68	2.33	1.98	1.6	1.2	0.79	0.44	0.2	0.07	0	1.76
2.21	1.88	1.53	1.15	0.77	0.44	0.21	0.07	4.81	4.11	3.82	3.59	3.31	3.01	2.68	2.33	1.98	1.6	1.2	0.79	0.45	0.21	0.07	0	2.28
2.21	1.88	1.53	1.15	0.77	0.44	0.21	0.07	4.81	4.11	3.83	3.59	3.32	3.01	2.68	2.33	1.98	1.6	1.2	0.79	0.45	0.21	0.07	0	2.53
2.22	1.89	1.54	1.16	0.77	0.44	0.21	0.07	4.8	4.11	3.82	3.59	3.31	3.01	2.68	2.33	1.98	1.6	1.2	0.79	0.45	0.21	0.07	0	2.32
2.23	1.89	1.54	1.16	0.77	0.44	0.21	0.07	4.78	4.1	3.81	3.58	3.31	3.01	2.68	2.33	1.98	1.6	1.2	0.79	0.45	0.21	0.07	0	2.08
2.23	1.9	1.55	1.16	0.78	0.45	0.21	0.07	4.75	4.08	3.8	3.57	3.3	3	2.67	2.33	1.98	1.6	1.2	0.79	0.45	0.21	0.07	0	1.83
2.23	1.91	1.55	1.17	0.78	0.45	0.21	0.07	4.71	4.06	3.78	3.56	3.29	2.99	2.67	2.33	1.97	1.6	1.2	0.79	0.45	0.21	0.07	0	1.95
2.24	1.91	1.56	1.17	0.78	0.45	0.21	0.07	4.68	4.04	3.77	3.55	3.28	2.99	2.66	2.32	1.97	1.6	1.2	0.79	0.45	0.21	0.07	0	2.18
2.25	1.92	1.56	1.18	0.78	0.45	0.21	0.07	4.66	4.03	3.76	3.54	3.27	2.98	2.66	2.32	1.97	1.6	1.2	0.79	0.45	0.21	0.07	0	2.31
2.26	1.92	1.57	1.18	0.78	0.44	0.21	0.07	4.66	4.03	3.76	3.54	3.27	2.98	2.66	2.32	1.97	1.6	1.2	0.79	0.44	0.2	0.07	0	2.4
2.27	1.93	1.58	1.18	0.78	0.44	0.2	0.07	4.68	4.04	3.78	3.55	3.28	2.99	2.67	2.33	1.98	1.61	1.2	0.79	0.44	0.2	0.07	0	2.34
2.29	1.95	1.59	1.19	0.78	0.44	0.2	0.07	4.72	4.06	3.8	3.57	3.3	3.01	2.68	2.34	1.99	1.61	1.2	0.78	0.44	0.2	0.07	0	1.71
2.31	1.97	1.6	1.19	0.78	0.44	0.2	0.07	4.76	4.08	3.82	3.59	3.32	3.02	2.7	2.35	1.99	1.61	1.2	0.78	0.44	0.2	0.06	0	2.25
2.33	1.98	1.6	1.2	0.78	0.44	0.2	0.07	4.8	4.1	3.84	3.6	3.34	3.04	2.71	2.36	2	1.62	1.2	0.78	0.43	0.2	0.06	0	2.4
2.35	1.99	1.61	1.2	0.78	0.44	0.2	0.07	4.83	4.12	3.85	3.62	3.35	3.05	2.72	2.37	2.01	1.62	1.2	0.77	0.43	0.19	0.06	0	2.4
2.36	2	1.62	1.2	0.78	0.43	0.2	0.07	4.85	4.13	3.86	3.62	3.35	3.05	2.72	2.37	2.01	1.61	1.19	0.77	0.43	0.19	0.06	0	2.07
2.37	2.01	1.62	1.2	0.78	0.43	0.2	0.06	4.86	4.13	3.86	3.62	3.35	3.06	2.72	2.37	2.01	1.61	1.18	0.77	0.42	0.19	0.06	419.7	1.29
2.39	2.02	1.63	1.2	0.78	0.43	0.2	0.06	4.86	4.12	3.86	3.62	3.35	3.05	2.72	2.37	2	1.61	1.18	0.76	0.42	0.19	0.06	0	1.83
2.39	2.03	1.63	1.2	0.78	0.43	0.19	0.06	4.85	4.11	3.85	3.61	3.34	3.04	2.71	2.36	2	1.6	1.17	0.76	0.42	0.19	0.06	0	1.95
2.4	2.03	1.63	1.2	0.77	0.43	0.19	0.06	4.84	4.09	3.84	3.59	3.33	3.03	2.7	2.35	1.99	1.59	1.17	0.75	0.41	0.19	0.06	0	2.09
2.41	2.04	1.63	1.2	0.77	0.42	0.19	0.06	4.83	4.08	3.82	3.58	3.32	3.02	2.69	2.34	1.98	1.58	1.16	0.74	0.41	0.18	0.06	0	1.97
2.42	2.04	1.63	1.19	0.77	0.42	0.19	0.06	4.81	4.06	3.81	3.56</													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.36	1.96	1.53	1.08	0.67	0.35	0.14	0.04	4.28	3.5	3.24	3.03	2.8	2.54	2.25	1.94	1.62	1.27	0.9	0.56	0.3	0.12	0.04	0	2.14
2.34	1.94	1.51	1.07	0.66	0.35	0.14	0.04	4.23	3.47	3.22	3.01	2.78	2.52	2.23	1.93	1.6	1.25	0.89	0.55	0.29	0.12	0.04	0	2.42
2.32	1.92	1.49	1.05	0.65	0.34	0.14	0.04	4.18	3.45	3.2	2.99	2.76	2.51	2.22	1.91	1.59	1.24	0.88	0.55	0.29	0.12	0.03	0	2.45
2.3	1.9	1.47	1.04	0.64	0.33	0.13	0.04	4.15	3.42	3.18	2.97	2.75	2.49	2.21	1.9	1.58	1.23	0.87	0.54	0.28	0.11	0.03	0	2.29
2.28	1.88	1.46	1.03	0.63	0.33	0.13	0.04	4.11	3.4	3.16	2.96	2.73	2.48	2.2	1.89	1.57	1.22	0.87	0.53	0.28	0.11	0.03	0	1.65
2.26	1.87	1.45	1.02	0.62	0.32	0.13	0.04	4.09	3.37	3.14	2.94	2.72	2.47	2.19	1.89	1.56	1.22	0.86	0.53	0.28	0.11	0.03	0	2.36
2.25	1.86	1.44	1.02	0.62	0.32	0.13	0.04	4.06	3.35	3.13	2.93	2.71	2.46	2.18	1.88	1.56	1.21	0.86	0.53	0.28	0.11	0.03	452.2	2.49
2.24	1.85	1.44	1.02	0.62	0.32	0.13	0.04	4.04	3.33	3.12	2.92	2.7	2.45	2.17	1.87	1.56	1.22	0.86	0.53	0.28	0.11	0.03	0	2.21
2.23	1.84	1.44	1.02	0.62	0.32	0.13	0.04	4.02	3.31	3.1	2.9	2.69	2.44	2.17	1.87	1.56	1.22	0.87	0.53	0.28	0.11	0.03	0	1.8
2.21	1.84	1.43	1.02	0.62	0.32	0.13	0.04	4	3.3	3.09	2.89	2.68	2.43	2.16	1.87	1.56	1.22	0.87	0.54	0.28	0.11	0.03	0	2.36
2.2	1.83	1.43	1.02	0.63	0.32	0.13	0.04	3.99	3.29	3.08	2.89	2.67	2.43	2.16	1.86	1.56	1.22	0.87	0.54	0.28	0.11	0.03	0	2.04
2.19	1.83	1.43	1.02	0.63	0.32	0.13	0.03	3.98	3.28	3.07	2.88	2.67	2.42	2.15	1.86	1.56	1.23	0.88	0.55	0.28	0.11	0.03	0	1.13
2.18	1.82	1.43	1.02	0.63	0.32	0.13	0.03	3.97	3.28	3.06	2.87	2.66	2.42	2.15	1.86	1.56	1.23	0.88	0.55	0.28	0.11	0.03	0	2.2
2.17	1.82	1.43	1.03	0.64	0.32	0.13	0.03	3.97	3.28	3.06	2.87	2.66	2.42	2.15	1.86	1.56	1.24	0.89	0.55	0.28	0.11	0.03	0	1.99
2.16	1.81	1.44	1.03	0.64	0.32	0.13	0.03	3.97	3.28	3.05	2.87	2.66	2.42	2.15	1.86	1.57	1.24	0.9	0.56	0.28	0.11	0.03	0	1.84
2.16	1.81	1.44	1.03	0.65	0.32	0.13	0.03	3.97	3.28	3.06	2.88	2.66	2.42	2.15	1.87	1.57	1.25	0.9	0.57	0.28	0.11	0.03	0	1.53
2.15	1.81	1.44	1.04	0.65	0.32	0.13	0.04	3.97	3.28	3.06	2.88	2.67	2.42	2.15	1.87	1.58	1.26	0.91	0.57	0.29	0.11	0.03	0	2.14
2.15	1.81	1.44	1.04	0.65	0.33	0.13	0.04	3.97	3.29	3.07	2.89	2.67	2.43	2.16	1.87	1.58	1.26	0.91	0.57	0.29	0.11	0.03	0	2.37
2.15	1.81	1.44	1.04	0.65	0.33	0.13	0.04	3.97	3.29	3.08	2.89	2.68	2.43	2.16	1.88	1.59	1.27	0.92	0.58	0.29	0.11	0.03	0	1.82
2.15	1.81	1.44	1.04	0.65	0.33	0.13	0.04	3.97	3.3	3.09	2.9	2.69	2.44	2.17	1.89	1.59	1.27	0.92	0.58	0.29	0.12	0.03	0	2.19
2.15	1.81	1.45	1.05	0.66	0.33	0.13	0.04	3.98	3.31	3.1	2.92	2.7	2.45	2.18	1.89	1.6	1.28	0.93	0.58	0.29	0.12	0.03	0	2.28
2.15	1.81	1.45	1.05	0.65	0.33	0.13	0.04	3.98	3.33	3.12	2.93	2.71	2.46	2.19	1.9	1.61	1.28	0.93	0.58	0.29	0.12	0.04	0	2
2.15	1.82	1.45	1.05	0.65	0.33	0.13	0.04	3.99	3.34	3.13	2.94	2.73	2.48	2.2	1.91	1.61	1.29	0.93	0.58	0.29	0.12	0.04	0	1.7
2.15	1.82	1.45	1.05	0.65	0.33	0.13	0.04	4	3.36	3.15	2.96	2.74	2.49	2.21	1.92	1.62	1.29	0.93	0.58	0.29	0.12	0.04	0	1.49
2.16	1.82	1.45	1.04	0.65	0.33	0.13	0.04	4.02	3.37	3.17	2.98	2.76	2.5	2.22	1.92	1.62	1.29	0.93	0.58	0.29	0.12	0.04	0	1.71
2.16	1.82	1.44	1.04	0.64	0.32	0.13	0.04	4.05	3.39	3.19	2.99	2.77	2.51	2.23	1.93	1.63	1.29	0.93	0.57	0.29	0.11	0.04	0	2.2
2.16	1.81	1.44	1.03	0.63	0.32	0.13	0.04	4.07	3.41	3.2	3.01	2.78	2.52	2.23	1.93	1.63	1.29	0.93	0.57	0.28	0.11	0.04	0	1.59
2.15	1.81	1.43	1.02	0.62	0.31	0.12	0.04	4.09	3.43	3.22	3.02	2.79	2.53	2.24	1.93	1.62	1.29	0.92	0.56	0.28	0.11	0.04	0	1.63
2.14	1.8	1.42	1.01	0.61	0.3	0.12	0.04	4.11	3.44	3.23	3.03	2.8	2.53	2.24	1.93	1.62	1.28	0.91	0.55	0.27	0.1	0.03	0	1.21
2.13	1.78	1.4	0.99	0.6	0.29	0.11	0.04	4.13	3.45	3.24	3.03	2.8	2.53	2.24	1.93	1.61	1.27	0.9	0.54	0.26	0.1	0.03	0	1.64
2.12	1.77	1.38	0.97	0.58	0.28	0.1	0.04	4.15	3.46	3.24	3.04	2.81	2.53	2.24	1.92	1.6	1.25	0.88	0.52	0.25	0.09	0.03	0	1.64
2.11	1.75	1.36	0.95	0.56	0.26	0.1	0.04	4.16	3.47	3.25	3.05	2.81	2.53	2.23	1.92	1.59	1.24	0.87	0.51	0.24	0.09	0.03	0	1.6
2.1	1.73	1.34	0.93	0.54	0.25	0.09	0.03	4.18	3.49	3.26	3.05	2.81	2.53	2.23	1.91	1.58	1.22	0.85	0.49	0.23	0.08	0.03	0	1.92
2.09	1.72	1.32	0.9	0.52	0.24	0.08	0.03	4.19	3.51	3.27	3.06	2.82	2.54	2.23	1.91	1.57	1.21	0.83	0.47	0.21	0.07	0.03	0	1.33
2.08	1.7	1.3	0.88	0.49	0.22	0.07	0.03	4.21	3.53	3.29	3.08	2.83	2.55	2.23	1.9	1.56	1.19	0.8	0.45	0.2	0.07	0.03	0	2.05
2.07	1.68	1.27	0.85	0.47	0.2	0.07	0.03	4.22	3.55	3.31	3.09	2.84	2.55	2.23	1.9	1.54	1.16	0.78	0.43	0.18	0.06	0.02	0	1.91
2.06	1.67	1.24	0.82	0.44	0.19	0.06	0.02	4.24	3.58	3.33	3.11	2.86	2.57	2.24	1.9	1.53	1.14	0.75	0.4	0.17	0.05	0.02	0	1.95
2.06	1.65	1.21	0.78	0.41	0.17	0.05	0.02	4.25	3.61	3.35	3.13	2.87	2.58	2.24	1.89	1.52	1.12	0.72	0.38	0.15	0.05	0.02	0	2.11
2.05	1.63	1.18	0.75	0.39	0.15	0.04	0.02	4.27	3.63	3.37	3.15	2.89	2.59	2.25	1.89	1.5	1.09	0.69	0.35	0.14	0.04	0.01	0	1.7
2.04	1.6	1.15	0.72	0.36	0.14	0.04	0.01	4.28	3.65	3.39	3.17	2.9	2.6	2.25	1.88	1.48	1.06	0.66	0.33	0.13	0.03	0.01	0	2.19
2.02	1.58	1.12	0.68	0.33	0.12	0.03	0.01	4.29	3.66	3.4	3.18	2.91	2.6	2.25	1.87	1.46	1.03	0.63	0.31	0.11	0.03	0.01	0	2.25
2.01	1.55	1.08	0.65	0.31	0.11	0.03	0.01	4.29	3.67	3.41	3.19	2.91	2.6	2.24	1.86	1.43	1	0.6	0.28	0.1	0.03	0.01	0	1.82
1.99	1.52	1.04	0.61	0.28	0.1	0.02	0.01	4.29	3.67	3.42	3.19	2.91	2.6	2.24	1.84	1.41	0.96	0.56	0.26	0.09	0.02	0.01	0	1.8
1.96	1.49	1	0.57	0.25	0.08	0.02	0.01	4.29	3.68	3.43	3.19	2.91	2.59	2.23	1.82	1.38	0.93	0.53	0.23	0.07	0.02	0.01	0	1.59
1.94	1.46	0.96	0.53	0.23	0.07	0.01	0.01	4.29	3.68	3.43	3.19	2.91	2.59	2.21	1.8	1.35	0.89	0.49	0.21	0.06	0.01	0.01	0	1.79
1.91	1.42	0.92	0.5	0.2	0.05	0.01	0.01	4.3	3.68	3.43	3.19	2.91	2.58	2.2	1.77	1.31	0.85	0.46	0.18	0.05	0.01	0.009	0	2.12
1.89	1.38	0.88	0.46	0.18	0.04	0.01	0.01	4.31	3.68	3.44	3.19	2.91	2.58	2.19	1.75	1.28	0.81	0.42	0.16	0.04	0.01	0.01	0	1.81
1.86	1.35	0.84	0.42	0.15	0.03	0.01	0.01	4.33	3.69	3.44	3.2	2.91	2.57	2.17	1.72	1.25	0.78	0.39	0.14	0.03	0.01	0.01	0	1.29
1.82	1.3	0.8	0.39	0.13	0.03	0.009	0.009	4.34	3.69	3.45	3.2	2.91	2.56	2.15	1.69	1.2	0.73	0.35	0.12	0.02	0.009	0.009	0	1.67
1.79	1.26	0.75	0.35	0.11	0.02	0.007	0.008	4.35	3.69	3.45	3.2	2.9	2.55	2.13	1.65	1.16	0.69	0.32	0.1	0.01	0.007	0.008	0	1.55
1.74	1.2	0.7	0.31	0.09	0.01	0.005	0.007	4.36	3.69	3.45	3.19	2.89	2.53	2.1	1.61	1.11	0.64	0.29	0.08	0.01	0.005	0.007	0	1.83
1.69	1.15	0.65	0.28	0.07	0.008	0.003	0.006	4.37	3.68	3.44	3.18	2.88	2.51	2.06	1.56	1.06	0.59	0.25	0.07	0.008	0.003	0.006	0	1.48
1.64	1.09	0.6	0.25	0.06	0.003	0.003	0.006	4.38	3.68	3.44	3.18	2.87	2.49	2.03	1.51	1	0.55	0.22	0.05	0.003	0.003	0.006	0	1.4
1.59	1.03	0.55	0.22		0.001	0.003	0.006	4.39	3.68	3.44	3.17	2.86	2.47	1.99	1.46	0.95	0.5	0.2		0.001	0.003	0.006	0	2.21

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.43	0.14		0.001	0.001	0.001	0.001	0.002	4.38	3.56	3.16	2.7	2.14	1.5	0.88	0.4	0.13		0.001	0.001	0.001	0.001	0.002	0	1.79
0.42	0.14		0.001	0	0.001	0.001	0.002	4.38	3.56	3.16	2.7	2.13	1.49	0.86	0.39	0.13		0.001	0	0.001	0.001	0.002	0	1.93
0.4	0.13			0.001	0.001	0.001	0.002	4.38	3.57	3.17	2.7	2.12	1.48	0.85	0.38	0.12			0.001	0.001	0.001	0.002	0	2.05
0.39	0.13			0.002	0.001	0.001	0.002	4.38	3.58	3.16	2.69	2.11	1.47	0.84	0.37	0.12			0.002	0.001	0.001	0.002	0	1.76
0.38	0.12			0.002	0.001	0	0.002	4.38	3.58	3.16	2.68	2.1	1.45	0.82	0.36	0.11			0.002	0.001	0	0.002	0	1.22
0.37	0.12	0.03		0.002	0.001	0	0.002	4.37	3.58	3.15	2.67	2.09	1.43	0.81	0.35	0.11	0.02		0.002	0.001	0	0.002	0	2.02
0.36	0.12	0.03		0.002		0	0.001	4.36	3.57	3.13	2.65	2.06	1.41	0.79	0.34	0.11	0.02		0.002		0	0.001	0	2.07
0.36	0.11	0.03		0.001		0	0.001	4.35	3.56	3.12	2.63	2.04	1.39	0.77	0.33	0.1	0.03		0.001		0	0.001	0	1.85
0.35	0.12	0.03		0		0	0.001	4.34	3.54	3.09	2.61	2.01	1.37	0.76	0.33	0.11	0.03		0		0	0.001	0	1.77
0.35	0.12	0.03	0.006	0.001		0.001	0	4.32	3.51	3.07	2.58	1.99	1.35	0.75	0.32	0.11	0.03	0.006	0.001		0.001	0	0	2.21
0.35	0.12	0.03	0.006			0	0.001	4.31	3.49	3.04	2.55	1.96	1.33	0.74	0.32	0.11	0.03	0.006		0	0.001	0	0	2.3
0.35	0.12	0.03	0.006			0.001	0.001	4.29	3.46	3.01	2.52	1.93	1.3	0.73	0.32	0.11	0.03	0.006		0.001	0.001	0	0	1.77
0.36	0.13	0.03	0.006			0.001	0.001	4.28	3.43	2.99	2.49	1.91	1.29	0.72	0.32	0.11	0.03	0.006		0.001	0.001	0	0	2.32
0.36	0.13	0.04	0.006			0	0.001	4.27	3.41	2.96	2.46	1.88	1.27	0.71	0.33	0.12	0.03	0.006		0	0.001	0	0	2.42
0.37	0.14	0.04				0	0.002	4.27	3.39	2.94	2.43	1.86	1.25	0.71	0.33	0.12	0.03			0	0.002	0	0	2.17
0.37	0.14	0.04			0.004	0	0.002	4.27	3.38	2.92	2.41	1.83	1.24	0.7	0.33	0.12	0.03			0.004	0	0.002	0	1.42
0.37	0.14	0.04			0.005	0.001	0.002	4.27	3.36	2.89	2.38	1.8	1.22	0.7	0.33	0.13	0.03			0.005	0.001	0.002	0	2.09
0.37	0.14	0.04			0.006	0.001	0.003	4.26	3.35	2.86	2.34	1.77	1.19	0.69	0.33	0.13	0.03			0.006	0.001	0.003	212.6	2.16
0.37	0.14	0.04			0.007	0.002	0.003	4.25	3.32	2.82	2.3	1.72	1.16	0.67	0.32	0.13	0.03			0.007	0.002	0.003	0	2.3
0.36	0.14	0.04			0.006	0.002	0.003	4.24	3.29	2.78	2.25	1.67	1.11	0.64	0.31	0.12	0.03			0.006	0.002	0.003	0	2.09
0.34	0.14	0.04			0.005	0.002	0.003	4.22	3.25	2.72	2.19	1.61	1.06	0.61	0.3	0.12	0.03			0.005	0.002	0.003	0	1.79
0.32	0.13	0.04			0.004	0.001	0.002	4.21	3.22	2.67	2.13	1.55	1.01	0.58	0.28	0.11	0.03			0.004	0.001	0.002	0	1.89
0.3	0.12	0.04			0.002	0.001	0.001	4.2	3.18	2.62	2.06	1.48	0.96	0.54	0.26	0.11	0.03			0.002	0.001	0.001	0	2.27
0.28	0.12	0.04	0.01		0		0.001	4.21	3.16	2.57	2.01	1.43	0.91	0.51	0.25	0.1	0.03	0.01		0	0.001	0	0	2.39
0.27	0.11	0.04	0.01	0.003	0.002		0.002	4.22	3.14	2.54	1.96	1.37	0.86	0.47	0.23	0.1	0.03	0.01	0.003	0.002		0.002	0	2.29
0.25	0.11	0.04	0.01	0.005	0.003		0.003	4.24	3.13	2.51	1.92	1.33	0.82	0.45	0.22	0.09	0.03	0.01	0.005	0.003		0.003	0	1.77
0.24	0.1	0.04	0.01	0.007	0.004		0.004	4.26	3.13	2.49	1.89	1.29	0.78	0.42	0.2	0.09	0.03	0.01	0.007	0.004		0.004	0	2.12
0.22	0.1	0.04	0.01	0.008	0.004		0.006	4.27	3.13	2.48	1.87	1.26	0.75	0.4	0.19	0.09	0.03	0.01	0.008	0.004		0.006	0	2.32
0.21	0.1	0.04	0.01	0.01	0.003		0.008	4.29	3.13	2.48	1.86	1.24	0.73	0.38	0.18	0.08	0.03	0.01	0.01	0.003		0.008	0	2.22
0.2	0.09	0.04	0.01	0.01	0.002		0.008	4.29	3.14	2.48	1.85	1.23	0.71	0.37	0.18	0.08	0.03	0.01	0.01	0.002		0.008	0	1.72
0.2	0.09	0.04	0.02	0.01	0.002		0.008	4.29	3.14	2.49	1.86	1.22	0.7	0.36	0.17	0.08	0.03	0.01	0.01	0.002		0.008	0	1.53
0.19	0.09	0.04	0.02	0.01	0.003		0.007	4.29	3.15	2.5	1.87	1.23	0.7	0.36	0.17	0.08	0.03	0.01	0.01	0.003		0.007	0	1.7
0.19	0.09	0.04	0.02	0.01	0.004		0.006	4.28	3.16	2.52	1.88	1.24	0.71	0.36	0.16	0.08	0.03	0.02	0.01	0.004		0.006	0	1.98
0.19	0.09	0.04	0.02	0.01	0.004		0.004	4.27	3.17	2.53	1.9	1.26	0.72	0.36	0.16	0.07	0.03	0.02	0.01	0.004		0.004	0	1.73
0.19	0.08	0.04	0.02	0.01	0.005		0.004	4.27	3.18	2.55	1.93	1.28	0.74	0.37	0.17	0.07	0.03	0.01	0.01	0.005		0.004	0	1.88
0.19	0.08	0.03	0.02	0.01	0.005		0.003	4.27	3.2	2.57	1.95	1.31	0.76	0.38	0.17	0.07	0.03	0.01	0.01	0.005		0.003	0	2.05
0.2	0.08	0.03	0.01	0.01	0.004		0.003	4.28	3.21	2.59	1.98	1.34	0.79	0.39	0.17	0.07	0.03	0.01	0.009	0.004		0.003	0	1.58
0.2	0.08	0.03	0.01	0.008	0.004		0.002	4.29	3.23	2.62	2.01	1.37	0.81	0.41	0.18	0.07	0.02	0.01	0.008	0.004		0.002	0	2.06
0.21	0.08	0.02	0.01	0.006	0.003		0.002	4.31	3.25	2.64	2.03	1.4	0.84	0.42	0.18	0.07	0.02	0.009	0.006	0.003		0.002	0	2.42
0.22	0.08	0.02	0.007	0.003	0.002		0.001	4.32	3.26	2.66	2.06	1.42	0.86	0.44	0.19	0.07	0.02	0.007	0.003	0.002		0.001	0	2
0.22	0.08	0.02	0.004	0.001	0.001		0.001	4.32	3.27	2.68	2.07	1.44	0.88	0.45	0.19	0.07	0.02	0.004	0.001	0.001		0.001	152.6	2.01
0.22	0.08	0.02	0.003	0.001	0		0.001	4.31	3.27	2.69	2.09	1.45	0.89	0.46	0.2	0.07	0.02	0.003	0.001	0		0.001	98.2	2.53
0.23	0.08	0.02	0.003	0.001	0		0.001	4.29	3.26	2.69	2.09	1.46	0.89	0.46	0.2	0.07	0.02	0.003	0.001	0		0.001	0	2.46
0.23	0.09	0.02	0.003	0.001	0		0.001	4.25	3.25	2.68	2.08	1.45	0.89	0.46	0.2	0.07	0.02	0.003	0.001	0		0.001	0	2.12
0.23	0.09	0.02	0.005	0.002	0.001		0.001	4.2	3.23	2.66	2.07	1.45	0.89	0.47	0.21	0.08	0.02	0.005	0.002	0.001		0.001	0	1.53
0.24	0.09	0.03	0.007	0.003	0.001		0.001	4.15	3.22	2.65	2.06	1.44	0.89	0.47	0.21	0.08	0.02	0.007	0.003	0.001		0.001	0	2.1
0.24	0.1	0.03	0.009	0.003	0.002		0.001	4.12	3.21	2.64	2.06	1.44	0.89	0.47	0.22	0.09	0.03	0.009	0.003	0.002		0.001	0	2.43
0.25	0.1	0.03	0.01	0.003	0.003		0.001	4.1	3.22	2.64	2.07	1.45	0.9	0.48	0.22	0.09	0.03	0.009	0.003	0.003		0.001	0	2.49
0.26	0.11	0.03	0.009	0.001	0.002		0.001	4.11	3.23	2.66	2.09	1.47	0.92	0.49	0.23	0.1	0.03	0.009	0.001	0.002		0.001	0	2.29
0.27	0.12	0.04	0.009	0	0.001		0.001	4.14	3.26	2.7	2.12	1.5	0.94	0.52	0.25	0.11	0.03	0.009	0	0.001		0.001	0	1.77
0.29	0.13	0.04	0.01	0	0.001		0.001	4.17	3.29	2.74	2.16	1.54	0.98	0.54	0.27	0.12	0.04	0.009	0	0.001		0.001	0	2.29
0.31	0.14	0.05	0.01	0.001	0.001		0	4.2	3.32	2.78	2.21	1.59	1.02	0.58	0.29	0.13	0.04	0.01	0.001	0.001		0	0	2.54
0.33	0.15	0.05	0.01	0.002	0	0	0	4.21	3.34	2.82	2.25	1.64	1.07	0.61	0.31	0.14	0.05	0.01	0.002	0	0	0	0	2.62
0.35	0.16	0.06	0.01	0.003	0	0.001	0	4.2	3.35	2.85	2.29	1.69	1.11	0.64	0.33	0.15	0.06	0.01	0.003	0	0.001	0	0	2.5
0.37	0.18	0.07	0.02		0	0.001	0	4.18	3.36	2.87	2.33	1.73	1.16	0.68	0.36	0.17	0.06	0.02		0	0.001	0	0	1.59
0.39	0.19	0.08	0.02		0		0	4.14	3.36	2.89	2.36	1.78	1.2	0.72	0.39	0.18	0.07	0.02		0	0	0	0	2.35
0.42	0.2	0.08	0.03	0.007	0		0	4.11	3.36	2.9	2.4	1.83	1.25	0.7										

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.18	0.72	0.37	0.16	0.06	0.02	0.01	0.006	5.28	4.79	4.45	4.08	3.6	2.97	2.23	1.49	0.88	0.44	0.19	0.07	0.03	0.01	0.006	0	1.35
1.19	0.73	0.38	0.17	0.07	0.03	0.01	0.006	5.33	4.84	4.5	4.13	3.64	3.02	2.27	1.52	0.9	0.46	0.2	0.07	0.03	0.01	0.006	0	1.6
1.21	0.74	0.39	0.18	0.07	0.03	0.01	0.006	5.38	4.89	4.55	4.18	3.69	3.06	2.31	1.55	0.92	0.47	0.21	0.08	0.03	0.01	0.006	0	1.94
1.22	0.75	0.4	0.19	0.08	0.03	0.01	0.005	5.43	4.95	4.61	4.24	3.74	3.1	2.34	1.58	0.95	0.49	0.22	0.09	0.03	0.01	0.005	0	1.91
1.23	0.76	0.41	0.19	0.08	0.03	0.01	0.004	5.5	5.01	4.66	4.29	3.79	3.15	2.38	1.61	0.97	0.5	0.22	0.09	0.03	0.01	0.004	0	1.78
1.24	0.77	0.42	0.2	0.08	0.03	0.009	0.003	5.56	5.06	4.72	4.35	3.83	3.18	2.4	1.63	0.98	0.51	0.23	0.09	0.03	0.009	0.003	0	1.39
1.25	0.78	0.43	0.2	0.09	0.03	0.008	0.003	5.61	5.12	4.77	4.39	3.87	3.22	2.43	1.65	1	0.53	0.24	0.1	0.03	0.008	0.003	0	1.71
1.25	0.79	0.43	0.21	0.09	0.03	0.008	0.003	5.66	5.16	4.81	4.43	3.91	3.24	2.45	1.66	1.01	0.54	0.25	0.1	0.03	0.008	0.003	0	2.17
1.26	0.79	0.44	0.22	0.09	0.03	0.009	0.003	5.69	5.2	4.84	4.47	3.93	3.26	2.46	1.67	1.02	0.55	0.26	0.1	0.03	0.009	0.003	0	2.17
1.26	0.79	0.45	0.22	0.09	0.03	0.009	0.003	5.71	5.24	4.87	4.5	3.95	3.27	2.47	1.68	1.03	0.56	0.27	0.11	0.03	0.009	0.003	0	1.79
1.26	0.8	0.46	0.23	0.1	0.03	0.01	0.003	5.73	5.27	4.89	4.52	3.97	3.29	2.48	1.69	1.04	0.57	0.27	0.11	0.03	0.01	0.003	0	1.26
1.26	0.8	0.46	0.24	0.1	0.03	0.01	0.003	5.74	5.3	4.91	4.54	3.98	3.3	2.49	1.7	1.05	0.58	0.28	0.11	0.04	0.01	0.003	0	2.1
1.27	0.81	0.47	0.24	0.1	0.04	0.01	0.003	5.75	5.33	4.93	4.56	4	3.31	2.5	1.71	1.06	0.59	0.29	0.12	0.04	0.01	0.003	0	2.02
1.27	0.82	0.48	0.25	0.11	0.04	0.01	0.004	5.77	5.35	4.96	4.57	4.02	3.32	2.51	1.71	1.07	0.6	0.3	0.13	0.04	0.01	0.004	0	1.83
1.27	0.82	0.48	0.25	0.11	0.04	0.01	0.004	5.8	5.39	4.98	4.6	4.04	3.33	2.51	1.72	1.08	0.61	0.31	0.13	0.05	0.01	0.004	0	1.18
1.27	0.82	0.49	0.26	0.12	0.04	0.01	0.004	5.83	5.42	5.01	4.62	4.05	3.35	2.52	1.73	1.08	0.62	0.31	0.14	0.05	0.01	0.004	0	1.77
1.28	0.83	0.49	0.26	0.12	0.04	0.01	0.004	5.87	5.45	5.04	4.64	4.07	3.36	2.53	1.74	1.09	0.62	0.32	0.14	0.05	0.01	0.004	0	1.69
1.27	0.83	0.49	0.26	0.12	0.04	0.01	0.004	5.9	5.47	5.07	4.66	4.09	3.37	2.53	1.74	1.09	0.63	0.32	0.14	0.05	0.02	0.004	0	1.73
1.27	0.83	0.5	0.27	0.13	0.05	0.02	0.004	5.94	5.5	5.1	4.68	4.1	3.37	2.54	1.74	1.1	0.63	0.32	0.15	0.05	0.02	0.004	0	2.02
1.27	0.83	0.5	0.27	0.13	0.05	0.02	0.005	5.96	5.51	5.11	4.69	4.11	3.37	2.53	1.74	1.1	0.64	0.33	0.15	0.05	0.02	0.005	0	1.83
1.26	0.82	0.5	0.27	0.13	0.05	0.02	0.005	5.98	5.53	5.13	4.7	4.11	3.36	2.52	1.73	1.09	0.64	0.33	0.15	0.06	0.02	0.005	0	0.93
1.24	0.81	0.49	0.27	0.13	0.05	0.02	0.006	5.99	5.54	5.14	4.71	4.1	3.36	2.51	1.72	1.09	0.64	0.33	0.15	0.06	0.02	0.006	0	1.63
1.23	0.8	0.49	0.27	0.13	0.06	0.02	0.007	6.01	5.55	5.15	4.71	4.1	3.34	2.5	1.71	1.08	0.63	0.33	0.16	0.06	0.02	0.007	0	1.85
1.21	0.79	0.48	0.27	0.13	0.06	0.02	0.008	6.02	5.57	5.15	4.72	4.09	3.33	2.48	1.69	1.07	0.63	0.33	0.16	0.07	0.02	0.008	0	1.9
1.2	0.78	0.48	0.27	0.13	0.06	0.02	0.008	6.04	5.59	5.16	4.72	4.09	3.32	2.46	1.67	1.05	0.62	0.33	0.16	0.07	0.02	0.008	0	1.57
1.18	0.77	0.47	0.27	0.13	0.06	0.02	0.008	6.06	5.61	5.18	4.73	4.08	3.3	2.44	1.65	1.04	0.61	0.33	0.16	0.07	0.02	0.008	0	1.43
1.16	0.75	0.46	0.26	0.13	0.06	0.02	0.008	6.09	5.64	5.2	4.74	4.08	3.29	2.42	1.63	1.02	0.61	0.33	0.16	0.07	0.02	0.008	0	1.73
1.15	0.74	0.46	0.26	0.13	0.06	0.02	0.008	6.12	5.67	5.22	4.75	4.09	3.28	2.41	1.61	1	0.6	0.33	0.16	0.07	0.02	0.008	0	1.38
1.13	0.73	0.45	0.26	0.13	0.06	0.02	0.008	6.16	5.71	5.25	4.77	4.1	3.28	2.4	1.6	0.99	0.59	0.33	0.16	0.07	0.02	0.008	0	1.72
1.12	0.72	0.44	0.26	0.13	0.06	0.02	0.008	6.2	5.75	5.28	4.79	4.11	3.28	2.39	1.59	0.98	0.58	0.32	0.16	0.07	0.02	0.008	0	2.01
1.11	0.72	0.44	0.25	0.13	0.06	0.02	0.008	6.25	5.78	5.32	4.82	4.12	3.29	2.39	1.58	0.98	0.58	0.32	0.16	0.07	0.02	0.008	0	1.93
1.11	0.71	0.43	0.25	0.13	0.06	0.02	0.008	6.29	5.81	5.35	4.83	4.13	3.29	2.39	1.58	0.98	0.57	0.32	0.16	0.07	0.02	0.008	0	1.52
1.11	0.71	0.43	0.25	0.13	0.06	0.02	0.008	6.31	5.83	5.37	4.84	4.14	3.29	2.39	1.58	0.98	0.57	0.31	0.16	0.07	0.02	0.008	0	2.13
1.11	0.71	0.43	0.24	0.13	0.06	0.02	0.008	6.33	5.84	5.38	4.85	4.15	3.3	2.4	1.59	0.99	0.57	0.31	0.16	0.07	0.02	0.008	0	2.45
1.12	0.72	0.43	0.24	0.13	0.06	0.02	0.008	6.35	5.84	5.4	4.87	4.17	3.32	2.41	1.6	1	0.58	0.31	0.16	0.07	0.03	0.008	0	2.2
1.13	0.73	0.44	0.24	0.13	0.06	0.02	0.009	6.36	5.85	5.41	4.88	4.19	3.34	2.44	1.63	1.02	0.59	0.31	0.16	0.07	0.03	0.009	0	1.36
1.15	0.74	0.44	0.24	0.12	0.05	0.02	0.01	6.37	5.86	5.43	4.9	4.21	3.38	2.48	1.66	1.04	0.59	0.31	0.15	0.07	0.03	0.01	0	2.08
1.18	0.76	0.45	0.24	0.13	0.06	0.03	0.01	6.4	5.89	5.47	4.95	4.27	3.44	2.54	1.72	1.07	0.61	0.32	0.16	0.07	0.03	0.01	0	2.17
1.22	0.79	0.47	0.25	0.13	0.06	0.03	0.01	6.44	5.93	5.53	5.01	4.33	3.51	2.62	1.78	1.11	0.63	0.32	0.16	0.08	0.04	0.01	0	2.27
1.26	0.82	0.48	0.25	0.13	0.07	0.03	0.01	6.51	5.99	5.6	5.09	4.42	3.61	2.7	1.85	1.16	0.66	0.33	0.16	0.08	0.04	0.01	0	2
1.32	0.85	0.5	0.26	0.13	0.07	0.03	0.01	6.59	6.08	5.69	5.19	4.53	3.71	2.8	1.93	1.21	0.68	0.34	0.17	0.09	0.04	0.02	0	1.58
1.37	0.89	0.52	0.27	0.14	0.07	0.03	0.01	6.68	6.17	5.78	5.29	4.63	3.82	2.9	2.01	1.26	0.71	0.36	0.17	0.09	0.04	0.02	0	1.51
1.42	0.92	0.53	0.28	0.14	0.08	0.03	0.01	6.77	6.27	5.87	5.39	4.73	3.92	2.99	2.08	1.3	0.73	0.36	0.18	0.09	0.04	0.02	0	1.54
1.46	0.95	0.55	0.29	0.14	0.08	0.03	0.01	6.86	6.36	5.96	5.48	4.82	4.01	3.07	2.14	1.34	0.75	0.37	0.18	0.1	0.04	0.01	348.8	1.76
1.5	0.98	0.57	0.3	0.15	0.08	0.03	0.01	6.94	6.44	6.03	5.55	4.89	4.08	3.13	2.19	1.37	0.77	0.39	0.19	0.1	0.04	0.01	0	1.6
1.54	1	0.58	0.31	0.16	0.08	0.03	0.01	7	6.51	6.09	5.61	4.95	4.13	3.18	2.23	1.4	0.79	0.4	0.2	0.1	0.04	0.01	0	1.53
1.58	1.03	0.61	0.33	0.17	0.09	0.03	0.01	7.04	6.56	6.14	5.66	5	4.18	3.23	2.27	1.43	0.81	0.42	0.21	0.11	0.04	0.01	0	1.37
1.61	1.06	0.63	0.34	0.18	0.09	0.04	0.01	7.07	6.59	6.16	5.69	5.03	4.21	3.25	2.29	1.46	0.83	0.44	0.22	0.11	0.04	0.01	0	1.44
1.65	1.09	0.65	0.36	0.19	0.1	0.04	0.01	7.08	6.62	6.19	5.71	5.06	4.24	3.28	2.32	1.49	0.86	0.47	0.24	0.12	0.05	0.01	0	1.27
1.68	1.12	0.68	0.39	0.21	0.1	0.04	0.01	7.09	6.63	6.2	5.73	5.08	4.26	3.31	2.35	1.52	0.9	0.49	0.26	0.12	0.05	0.01	0	1.86
1.73	1.16	0.72	0.42	0.23	0.11	0.05	0.01	7.08	6.63	6.2	5.74	5.1	4.29	3.34	2.39	1.56	0.94	0.53	0.28	0.14	0.05	0.01	0	1.65
1.78	1.21	0.76	0.45	0.25	0.12	0.05	0.01	7.06	6.63	6.21	5.75	5.11	4.32	3.38	2.44	1.61	0.98	0.56	0.3	0.15	0.06	0.01	0	1.72
1.84	1.26	0.81	0.48	0.27	0.13	0.05	0.01	7.05	6.62	6.21	5.76	5.14	4.35	3.43	2.49	1.67	1.03	0.6	0.33	0.16	0.06	0.01	0	1.75
1.9	1.32	0.85	0.52	0.29	0.14	0.06	0.01	7.02	6.6	6.19	5.75	5.15	4.38	3.47	2.54	1.73	1.09							

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.3	2.75	2.14	1.49	0.9	0.45	0.18	0.05	7.01	6.59	6.26	5.93	5.51	5.03	4.47	3.86	3.19	2.45	1.69	1	0.49	0.2	0.05	0	1.35
3.34	2.8	2.19	1.54	0.94	0.48	0.2	0.05	7.03	6.6	6.27	5.94	5.52	5.04	4.49	3.89	3.24	2.51	1.74	1.04	0.52	0.21	0.06	0	2.2
3.35	2.82	2.22	1.57	0.96	0.49	0.21	0.06	7.03	6.6	6.27	5.93	5.51	5.03	4.49	3.9	3.26	2.54	1.77	1.06	0.54	0.23	0.06	0	2.25
3.35	2.83	2.23	1.58	0.97	0.5	0.22	0.06	7.02	6.59	6.27	5.93	5.5	5.03	4.48	3.9	3.27	2.56	1.79	1.08	0.55	0.23	0.06	0	2.23
3.36	2.84	2.24	1.59	0.98	0.51	0.22	0.06	7.03	6.59	6.27	5.93	5.5	5.02	4.48	3.9	3.27	2.56	1.8	1.09	0.55	0.24	0.06	0	1.72
3.38	2.85	2.26	1.61	1	0.53	0.23	0.07	7.05	6.61	6.29	5.95	5.52	5.04	4.5	3.92	3.29	2.58	1.82	1.11	0.57	0.25	0.07	0	1.53
3.39	2.86	2.27	1.62	1.01	0.53	0.24	0.07	7.06	6.63	6.31	5.96	5.54	5.05	4.51	3.93	3.3	2.59	1.83	1.12	0.58	0.25	0.07	0	2.17
3.4	2.87	2.27	1.63	1.02	0.54	0.24	0.07	7.08	6.66	6.34	5.98	5.56	5.07	4.53	3.94	3.3	2.59	1.83	1.13	0.59	0.25	0.07	0	2.14
3.42	2.88	2.28	1.63	1.02	0.55	0.24	0.07	7.11	6.69	6.37	6.01	5.58	5.09	4.55	3.95	3.31	2.59	1.83	1.13	0.59	0.26	0.07	0	1.98
3.43	2.89	2.28	1.63	1.02	0.55	0.24	0.07	7.14	6.71	6.39	6.03	5.6	5.11	4.56	3.96	3.31	2.58	1.83	1.13	0.59	0.26	0.07	0	1.45
3.45	2.9	2.28	1.62	1.01	0.54	0.24	0.07	7.17	6.74	6.42	6.06	5.63	5.14	4.58	3.97	3.31	2.58	1.82	1.12	0.59	0.25	0.07	0	1.36
3.47	2.9	2.27	1.61	1	0.54	0.24	0.07	7.21	6.77	6.45	6.09	5.66	5.16	4.6	3.98	3.31	2.57	1.8	1.1	0.58	0.25	0.07	0	1.23
3.48	2.91	2.27	1.6	0.99	0.53	0.23	0.07	7.24	6.8	6.48	6.11	5.68	5.18	4.62	3.99	3.31	2.55	1.78	1.08	0.56	0.24	0.07	0	1.55
3.5	2.91	2.26	1.59	0.97	0.51	0.22	0.06	7.28	6.83	6.51	6.14	5.71	5.2	4.63	4	3.3	2.54	1.76	1.06	0.55	0.23	0.06	0	1.83
3.51	2.91	2.25	1.57	0.96	0.5	0.22	0.06	7.3	6.85	6.53	6.16	5.73	5.22	4.65	4	3.3	2.52	1.74	1.04	0.53	0.22	0.06	0	2.05
3.53	2.92	2.24	1.56	0.94	0.49	0.21	0.06	7.32	6.87	6.55	6.18	5.75	5.24	4.66	4	3.29	2.5	1.72	1.02	0.52	0.21	0.06	0	1.84
3.54	2.92	2.24	1.54	0.92	0.48	0.2	0.05	7.34	6.89	6.57	6.2	5.77	5.25	4.67	4.01	3.28	2.49	1.69	1	0.5	0.21	0.05	0	1.37
3.56	2.92	2.23	1.53	0.91	0.47	0.19	0.05	7.36	6.92	6.58	6.22	5.79	5.27	4.68	4.02	3.28	2.47	1.67	0.98	0.49	0.2	0.05	0	1.99
3.58	2.93	2.22	1.51	0.89	0.45	0.19	0.05	7.37	6.95	6.6	6.25	5.81	5.29	4.7	4.02	3.27	2.46	1.65	0.96	0.48	0.19	0.05	0	2.26
3.59	2.94	2.22	1.5	0.88	0.44	0.18	0.04	7.39	6.97	6.62	6.26	5.82	5.3	4.71	4.03	3.27	2.44	1.63	0.94	0.46	0.19	0.04	0	2.15
3.61	2.94	2.21	1.49	0.87	0.44	0.18	0.04	7.41	6.99	6.64	6.28	5.84	5.32	4.72	4.03	3.26	2.43	1.62	0.93	0.45	0.18	0.04	0	1.46
3.63	2.95	2.21	1.49	0.86	0.43	0.17	0.04	7.42	7.01	6.65	6.29	5.85	5.33	4.73	4.03	3.26	2.42	1.6	0.92	0.44	0.17	0.04	0	1.63
3.64	2.96	2.21	1.48	0.86	0.42	0.17	0.04	7.43	7.01	6.66	6.3	5.85	5.33	4.73	4.04	3.25	2.41	1.59	0.9	0.44	0.17	0.04	0	1.97
3.66	2.97	2.22	1.48	0.86	0.42	0.17	0.04	7.43	7.01	6.66	6.3	5.85	5.33	4.73	4.03	3.25	2.4	1.58	0.9	0.43	0.17	0.04	0	2.06
3.68	2.98	2.23	1.49	0.86	0.42	0.17	0.04	7.43	7.01	6.66	6.3	5.85	5.34	4.73	4.04	3.25	2.41	1.58	0.9	0.43	0.17	0.04	0	1.89
3.7	3.01	2.25	1.5	0.87	0.43	0.17	0.04	7.43	7	6.66	6.3	5.85	5.34	4.74	4.04	3.26	2.42	1.59	0.91	0.44	0.17	0.04	0	1.63
3.72	3.03	2.27	1.52	0.88	0.43	0.17	0.04	7.42	6.99	6.66	6.29	5.84	5.33	4.74	4.04	3.27	2.42	1.6	0.91	0.44	0.17	0.04	0	1.96
3.75	3.05	2.29	1.54	0.89	0.44	0.17	0.04	7.41	6.97	6.65	6.28	5.84	5.33	4.73	4.05	3.28	2.44	1.62	0.92	0.45	0.17	0.04	0	2.17
3.77	3.08	2.32	1.56	0.91	0.45	0.18	0.04	7.4	6.96	6.63	6.27	5.83	5.32	4.73	4.05	3.29	2.45	1.63	0.94	0.46	0.18	0.04	0	2.17
3.79	3.1	2.34	1.58	0.92	0.46	0.18	0.05	7.39	6.95	6.62	6.26	5.82	5.31	4.73	4.05	3.3	2.47	1.65	0.95	0.46	0.18	0.04	0	1.9
3.81	3.13	2.37	1.61	0.94	0.47	0.19	0.05	7.38	6.93	6.6	6.24	5.8	5.3	4.72	4.05	3.3	2.48	1.67	0.96	0.47	0.18	0.04	0	1.67
3.83	3.15	2.39	1.63	0.96	0.48	0.19	0.05	7.36	6.91	6.58	6.22	5.78	5.28	4.71	4.05	3.31	2.49	1.68	0.98	0.48	0.19	0.05	0	2.22
3.84	3.16	2.41	1.65	0.98	0.49	0.2	0.05	7.34	6.88	6.56	6.2	5.76	5.26	4.7	4.04	3.31	2.51	1.7	0.99	0.49	0.19	0.05	0	2.2
3.85	3.17	2.42	1.67	0.99	0.5	0.2	0.05	7.31	6.84	6.52	6.16	5.73	5.24	4.68	4.03	3.31	2.51	1.71	1	0.5	0.2	0.05	0	1.84
3.84	3.17	2.43	1.68	1	0.51	0.21	0.05	7.26	6.8	6.48	6.12	5.69	5.21	4.65	4.01	3.3	2.52	1.72	1.02	0.51	0.2	0.05	0	1.38
3.83	3.17	2.44	1.7	1.02	0.52	0.21	0.06	7.22	6.76	6.44	6.08	5.66	5.17	4.62	3.99	3.29	2.52	1.74	1.03	0.52	0.21	0.05	0	1.65
3.82	3.17	2.45	1.71	1.04	0.53	0.22	0.06	7.17	6.73	6.4	6.05	5.62	5.14	4.59	3.98	3.29	2.52	1.75	1.05	0.53	0.21	0.06	0	1.82
3.81	3.17	2.46	1.73	1.05	0.54	0.23	0.06	7.13	6.7	6.35	6.01	5.59	5.11	4.57	3.96	3.28	2.53	1.77	1.07	0.54	0.22	0.06	0	1.91
3.8	3.17	2.47	1.75	1.07	0.56	0.24	0.07	7.09	6.67	6.33	5.98	5.57	5.09	4.55	3.95	3.28	2.54	1.79	1.09	0.56	0.23	0.06	0	2.23
3.79	3.17	2.48	1.77	1.1	0.58	0.25	0.07	7.07	6.65	6.3	5.96	5.55	5.07	4.53	3.94	3.28	2.56	1.81	1.11	0.57	0.24	0.07	0	2.3
3.78	3.17	2.5	1.8	1.12	0.6	0.26	0.08	7.04	6.63	6.29	5.94	5.53	5.06	4.52	3.93	3.29	2.57	1.84	1.14	0.6	0.25	0.07	0	1.78
3.78	3.18	2.52	1.82	1.15	0.62	0.27	0.08	7.02	6.61	6.27	5.93	5.52	5.05	4.51	3.93	3.29	2.59	1.86	1.17	0.62	0.27	0.08	0	1.73
3.77	3.18	2.53	1.85	1.19	0.65	0.29	0.09	7.01	6.6	6.26	5.92	5.51	5.04	4.5	3.92	3.3	2.61	1.89	1.2	0.65	0.29	0.08	0	2.05
3.76	3.19	2.55	1.88	1.22	0.67	0.31	0.09	6.99	6.58	6.24	5.9	5.49	5.02	4.49	3.92	3.31	2.63	1.92	1.24	0.68	0.3	0.09	80.2	2.12
3.75	3.18	2.56	1.9	1.25	0.7	0.33	0.1	6.96	6.56	6.22	5.88	5.47	5	4.48	3.91	3.31	2.65	1.95	1.27	0.7	0.32	0.09	0	1.94
3.74	3.18	2.57	1.92	1.28	0.73	0.34	0.1	6.94	6.54	6.2	5.86	5.45	4.99	4.46	3.9	3.31	2.66	1.98	1.31	0.73	0.34	0.1	0	1.01
3.72	3.18	2.58	1.95	1.31	0.76	0.36	0.11	6.91	6.51	6.18	5.84	5.43	4.97	4.45	3.89	3.31	2.68	2.01	1.34	0.76	0.36	0.11	0	1.9
3.71	3.17	2.59	1.97	1.34	0.79	0.38	0.12	6.89	6.49	6.16	5.82	5.41	4.95	4.43	3.88	3.31	2.69	2.03	1.37	0.79	0.38	0.11	0	2.18
3.7	3.17	2.6	1.99	1.37	0.81	0.4	0.12	6.87	6.47	6.14	5.8	5.39	4.93	4.42	3.87	3.3	2.7	2.05	1.4	0.82	0.4	0.12	0	2.18
3.69	3.16	2.61	2.01	1.4	0.84	0.42	0.13	6.86	6.45	6.12	5.79	5.38	4.92	4.41	3.86	3.3	2.7	2.08	1.43	0.85	0.42	0.13	0	2.14
3.68	3.16	2.61	2.03	1.42	0.87	0.44	0.14	6.85	6.43	6.11	5.77	5.37	4.91	4.39	3.85	3.29	2.71	2.09	1.45	0.88	0.43	0.14	0	1.63
3.68	3.16	2.61	2.04	1.44	0.89	0.45	0.15	6.83	6.41	6.09	5.75	5.35	4.89	4.38	3.84	3.28	2.71	2.1	1.47	0.9	0.45	0.15	0	2.15
3.67	3.15	2.61	2.05	1.46	0.91	0.46	0.16	6.8	6.38	6.06	5.73	5.33	4.87	4.36	3.82	3.27	2.7	2.11	1.49	0.91	0.46	0.16	0	2.26
3.66	3.14	2.61	2.05	1.47	0.92	0.47	0.17	6.76	6.34	6.03	5.7	5.3	4.85	4.34	3.8	3.25	2.69	2.1	1.49	0.92	0.47	0.16	0	2.28
3.64	3.12	2.6	2.05	1.46	0.92	0.48																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
3.37	2.86	2.32	1.77	1.23	0.76	0.39	0.14	6.47	6.04	5.75	5.44	5.06	4.62	4.13	3.6	3.04	2.45	1.86	1.28	0.78	0.4	0.13	0	2.17
3.35	2.84	2.31	1.77	1.24	0.77	0.4	0.14	6.45	6.04	5.75	5.43	5.05	4.62	4.13	3.59	3.04	2.46	1.87	1.29	0.79	0.4	0.14	0	2.22
3.32	2.82	2.3	1.77	1.25	0.78	0.4	0.14	6.44	6.03	5.75	5.43	5.05	4.61	4.12	3.59	3.03	2.46	1.88	1.31	0.81	0.41	0.14	0	2.1
3.29	2.8	2.29	1.77	1.26	0.79	0.41	0.14	6.44	6.03	5.75	5.42	5.04	4.6	4.11	3.58	3.03	2.46	1.89	1.33	0.83	0.42	0.14	0	1.63
3.26	2.77	2.27	1.77	1.27	0.81	0.42	0.15	6.43	6.02	5.74	5.42	5.04	4.6	4.1	3.57	3.02	2.46	1.9	1.35	0.85	0.44	0.15	0	1.88
3.23	2.75	2.26	1.77	1.27	0.82	0.44	0.15	6.43	6.02	5.74	5.41	5.03	4.59	4.09	3.56	3.01	2.46	1.91	1.36	0.86	0.45	0.15	0	2.18
3.2	2.72	2.24	1.77	1.28	0.83	0.45	0.16	6.43	6.02	5.74	5.41	5.03	4.58	4.08	3.55	3	2.46	1.92	1.38	0.88	0.47	0.16	0	2.16
3.17	2.7	2.23	1.76	1.29	0.85	0.46	0.17	6.44	6.02	5.73	5.41	5.02	4.58	4.07	3.54	3	2.46	1.93	1.4	0.91	0.48	0.17	0	1.77
3.14	2.67	2.21	1.76	1.3	0.86	0.47	0.18	6.44	6.02	5.73	5.41	5.02	4.57	4.07	3.53	2.99	2.46	1.94	1.42	0.93	0.5	0.18	0	1.84
3.11	2.65	2.19	1.76	1.31	0.88	0.49	0.18	6.45	6.02	5.73	5.41	5.02	4.57	4.06	3.53	2.98	2.45	1.95	1.44	0.95	0.52	0.19	0	2.1
3.09	2.63	2.18	1.75	1.32	0.89	0.5	0.2	6.45	6.03	5.73	5.41	5.02	4.57	4.06	3.52	2.98	2.45	1.95	1.45	0.97	0.54	0.2	0	2.05
3.07	2.61	2.17	1.74	1.32	0.9	0.52	0.21	6.47	6.04	5.74	5.42	5.03	4.57	4.07	3.53	2.98	2.46	1.96	1.47	0.99	0.55	0.22	0	1.95
3.05	2.6	2.16	1.74	1.33	0.92	0.53	0.22	6.49	6.06	5.75	5.44	5.04	4.59	4.08	3.53	2.99	2.46	1.97	1.48	1.01	0.57	0.23	0	1.51
3.05	2.6	2.16	1.74	1.33	0.93	0.55	0.23	6.51	6.09	5.78	5.46	5.06	4.61	4.09	3.55	3	2.47	1.98	1.5	1.03	0.59	0.25	0	1.83
3.04	2.59	2.15	1.74	1.33	0.94	0.56	0.25	6.53	6.11	5.8	5.48	5.08	4.63	4.11	3.56	3.02	2.48	1.99	1.51	1.04	0.61	0.26	0	1.95
3.04	2.59	2.15	1.74	1.34	0.94	0.57	0.25	6.56	6.14	5.83	5.51	5.11	4.65	4.13	3.58	3.03	2.5	2	1.52	1.05	0.62	0.27	84.9	1.9
3.04	2.59	2.15	1.74	1.34	0.95	0.57	0.26	6.58	6.16	5.86	5.53	5.13	4.67	4.15	3.6	3.04	2.51	2	1.52	1.06	0.63	0.28	0	1.4
3.04	2.59	2.16	1.74	1.34	0.95	0.58	0.27	6.6	6.19	5.88	5.56	5.16	4.69	4.17	3.62	3.06	2.52	2.01	1.53	1.07	0.64	0.28	0	1.6
3.05	2.6	2.16	1.74	1.34	0.95	0.58	0.27	6.62	6.21	5.91	5.58	5.18	4.71	4.19	3.64	3.08	2.54	2.02	1.54	1.08	0.64	0.29	0	1.78
3.05	2.6	2.16	1.74	1.34	0.95	0.58	0.27	6.63	6.23	5.92	5.59	5.19	4.73	4.2	3.65	3.09	2.54	2.03	1.54	1.08	0.65	0.29	0	1.56
3.04	2.6	2.16	1.74	1.33	0.95	0.58	0.27	6.64	6.24	5.93	5.6	5.2	4.74	4.21	3.66	3.1	2.55	2.03	1.54	1.08	0.65	0.29	0	1.48
3.04	2.6	2.16	1.74	1.33	0.94	0.58	0.27	6.64	6.25	5.94	5.61	5.21	4.74	4.22	3.66	3.1	2.55	2.03	1.54	1.08	0.64	0.29	0	1.61
3.56	3.17	2.75	2.27	1.76	1.23	0.72	0.29	7.31	7.01	6.75	6.49	6.15	5.76	5.3	4.8	4.24	3.64	2.97	2.27	1.55	0.88	0.34	0	2.08
3.6	3.21	2.78	2.3	1.78	1.25	0.73	0.3	7.35	7.05	6.79	6.53	6.19	5.8	5.34	4.84	4.28	3.68	3.01	2.29	1.57	0.89	0.35	0	2.22
3.63	3.24	2.81	2.33	1.81	1.26	0.74	0.31	7.38	7.08	6.82	6.56	6.23	5.84	5.38	4.88	4.32	3.71	3.04	2.32	1.59	0.91	0.36	0	2.13
3.67	3.28	2.84	2.35	1.82	1.28	0.75	0.31	7.41	7.11	6.86	6.6	6.27	5.88	5.42	4.91	4.36	3.75	3.07	2.34	1.61	0.92	0.37	0	1.54
3.69	3.3	2.86	2.37	1.84	1.28	0.75	0.32	7.43	7.14	6.88	6.62	6.29	5.9	5.44	4.94	4.38	3.77	3.09	2.36	1.61	0.92	0.37	0	2.11
3.72	3.33	2.88	2.39	1.85	1.29	0.75	0.32	7.45	7.15	6.89	6.64	6.31	5.92	5.46	4.96	4.4	3.79	3.11	2.37	1.62	0.92	0.37	0	2.31
3.74	3.35	2.9	2.4	1.86	1.29	0.75	0.32	7.46	7.16	6.9	6.65	6.32	5.94	5.48	4.97	4.42	3.8	3.12	2.38	1.62	0.92	0.37	0	2.24
3.76	3.37	2.92	2.42	1.87	1.29	0.75	0.32	7.46	7.17	6.91	6.66	6.33	5.94	5.49	4.98	4.43	3.81	3.12	2.38	1.61	0.91	0.37	0	1.91
3.78	3.38	2.93	2.43	1.87	1.29	0.75	0.32	7.46	7.17	6.91	6.66	6.33	5.95	5.49	4.99	4.44	3.82	3.13	2.38	1.6	0.9	0.37	0	1.82
3.8	3.4	2.95	2.44	1.88	1.29	0.74	0.31	7.46	7.18	6.91	6.66	6.34	5.95	5.5	5	4.44	3.83	3.13	2.37	1.59	0.89	0.36	0	2.24
3.81	3.41	2.96	2.45	1.88	1.28	0.73	0.31	7.46	7.17	6.91	6.66	6.34	5.95	5.5	5	4.45	3.83	3.13	2.37	1.58	0.88	0.35	0	2.29
3.83	3.43	2.97	2.46	1.88	1.27	0.73	0.3	7.45	7.17	6.91	6.66	6.33	5.95	5.5	5	4.45	3.83	3.13	2.36	1.57	0.87	0.35	0	2.08
3.85	3.44	2.99	2.46	1.88	1.27	0.72	0.3	7.45	7.17	6.9	6.65	6.33	5.95	5.5	5	4.45	3.83	3.13	2.35	1.56	0.86	0.34	0	1.33
3.87	3.46	3	2.47	1.88	1.26	0.71	0.29	7.44	7.16	6.89	6.65	6.32	5.94	5.49	4.99	4.44	3.82	3.12	2.34	1.54	0.84	0.33	0	1.97
3.88	3.47	3.01	2.48	1.88	1.25	0.7	0.28	7.42	7.15	6.88	6.64	6.31	5.93	5.48	4.99	4.44	3.82	3.11	2.32	1.52	0.83	0.32	0	2.18
3.9	3.49	3.02	2.48	1.87	1.24	0.69	0.28	7.41	7.14	6.86	6.62	6.3	5.92	5.47	4.98	4.43	3.81	3.1	2.31	1.5	0.82	0.32	73.2	2.24
3.91	3.5	3.03	2.49	1.87	1.23	0.68	0.27	7.39	7.12	6.84	6.61	6.29	5.91	5.46	4.97	4.42	3.8	3.09	2.29	1.48	0.8	0.31	0	1.93
3.93	3.52	3.04	2.5	1.87	1.23	0.67	0.26	7.38	7.1	6.83	6.59	6.27	5.89	5.45	4.96	4.41	3.79	3.08	2.27	1.47	0.79	0.3	0	1.51
3.95	3.54	3.06	2.5	1.87	1.22	0.67	0.26	7.36	7.08	6.81	6.58	6.26	5.88	5.44	4.95	4.4	3.78	3.07	2.26	1.45	0.77	0.29	0	2.18
3.98	3.56	3.07	2.51	1.87	1.21	0.66	0.25	7.35	7.07	6.8	6.57	6.25	5.87	5.43	4.94	4.39	3.77	3.05	2.24	1.43	0.76	0.28	0	2.33
4	3.58	3.09	2.52	1.87	1.21	0.65	0.25	7.35	7.06	6.79	6.56	6.25	5.87	5.42	4.93	4.39	3.77	3.04	2.23	1.42	0.75	0.27	0	2.16
4.03	3.6	3.11	2.52	1.87	1.2	0.64	0.24	7.35	7.05	6.79	6.55	6.24	5.86	5.42	4.93	4.38	3.76	3.03	2.21	1.4	0.73	0.27	0	1.19
4.06	3.63	3.13	2.53	1.87	1.2	0.64	0.24	7.34	7.05	6.78	6.55	6.23	5.86	5.41	4.92	4.38	3.75	3.01	2.2	1.38	0.72	0.26	0	2.05
4.09	3.65	3.14	2.54	1.87	1.19	0.63	0.24	7.34	7.05	6.78	6.54	6.23	5.85	5.41	4.92	4.37	3.74	3	2.18	1.37	0.71	0.26	0	2.25
4.12	3.68	3.16	2.54	1.87	1.19	0.63	0.23	7.34	7.05	6.77	6.54	6.22	5.84	5.4	4.91	4.36	3.72	2.98	2.16	1.35	0.7	0.26	0	2.06
4.15	3.7	3.17	2.55	1.87	1.18	0.62	0.23	7.33	7.05	6.76	6.53	6.21	5.83	5.39	4.9	4.35	3.71	2.96	2.14	1.33	0.69	0.25	0	1.85
4.18	3.72	3.19	2.55	1.86	1.17	0.62	0.23	7.33	7.04	6.76	6.52	6.2	5.82	5.38	4.89	4.34	3.69	2.94	2.12	1.32	0.68	0.25	0	1.79
4.2	3.74	3.2	2.56	1.86	1.17	0.61	0.23	7.33	7.04	6.75	6.51	6.19	5.81	5.37	4.88	4.32	3.68	2.92	2.1	1.3	0.67	0.25	0	1.99
4.23	3.76	3.21	2.56	1.86	1.16	0.6	0.23	7.34	7.04	6.75	6.51	6.19	5.8	5.36	4.86	4.31	3.66	2.9	2.08	1.29	0.66	0.24	0	2.06
4.26	3.78	3.23	2.57	1.86	1.16	0.6	0.23	7.35	7.04	6.75	6.51	6.18	5.8	5.35	4.85	4.29	3.65	2.89	2.07	1.27	0.65	0.24	0	2.12
4.29	3.8	3.24	2.58	1.86	1.16	0.6	0.23	7.37	7.04	6.76	6.5	6.18	5.79	5.34	4.84	4.28	3.63	2.87	2.05	1.26	0.64	0.24	0	1.96
4.31	3.82	3.25	2.59	1.86	1.15	0.6	0.23	7.39	7.04	6.77	6.51	6.18	5.78	5.33	4.83	4.27	3.61	2.86	2.04	1.25	0.64	0.24	0	1.54
4.34	3.84	3.26	2.6	1.86	1																			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
4.87	4.17	3.45	2.7	1.94	1.22	0.63	0.25	7.58	7.13	6.8	6.44	6.01	5.51	4.94	4.33	3.71	3.08	2.41	1.74	1.1	0.57	0.22	0	2.26
4.88	4.17	3.45	2.7	1.95	1.22	0.64	0.25	7.57	7.12	6.79	6.43	6	5.5	4.93	4.32	3.69	3.06	2.4	1.74	1.09	0.57	0.22	0	2.17
4.89	4.18	3.45	2.7	1.95	1.22	0.64	0.25	7.55	7.11	6.78	6.42	5.99	5.49	4.92	4.3	3.68	3.05	2.39	1.73	1.09	0.58	0.22	0	1.47
4.9	4.18	3.45	2.7	1.95	1.23	0.65	0.25	7.53	7.1	6.77	6.41	5.98	5.48	4.91	4.29	3.67	3.03	2.38	1.72	1.09	0.58	0.23	0	1.98
4.91	4.18	3.45	2.7	1.95	1.23	0.65	0.25	7.52	7.08	6.75	6.4	5.97	5.47	4.9	4.28	3.65	3.02	2.37	1.72	1.09	0.58	0.23	0	2.24
4.92	4.19	3.45	2.7	1.95	1.23	0.65	0.26	7.5	7.07	6.74	6.39	5.96	5.46	4.89	4.27	3.64	3.01	2.36	1.71	1.09	0.58	0.23	0	2.16
4.93	4.19	3.45	2.7	1.94	1.23	0.66	0.26	7.48	7.05	6.73	6.38	5.95	5.45	4.88	4.26	3.63	3	2.35	1.7	1.08	0.58	0.23	0	2.05
4.94	4.2	3.45	2.7	1.94	1.23	0.66	0.26	7.47	7.03	6.71	6.37	5.94	5.44	4.87	4.25	3.62	2.99	2.34	1.69	1.08	0.58	0.23	0	1.59
4.94	4.2	3.45	2.69	1.94	1.23	0.66	0.27	7.44	7.01	6.7	6.35	5.92	5.42	4.86	4.24	3.61	2.98	2.33	1.69	1.08	0.58	0.23	0	1.95
4.93	4.19	3.44	2.68	1.93	1.23	0.66	0.27	7.42	6.99	6.67	6.33	5.9	5.41	4.84	4.22	3.6	2.96	2.32	1.68	1.07	0.58	0.24	0	2.41
4.92	4.18	3.43	2.68	1.93	1.23	0.66	0.27	7.39	6.96	6.64	6.3	5.88	5.39	4.82	4.2	3.58	2.95	2.3	1.67	1.07	0.58	0.24	0	2.45
4.91	4.17	3.42	2.67	1.92	1.22	0.66	0.27	7.35	6.93	6.61	6.28	5.85	5.36	4.8	4.19	3.56	2.93	2.29	1.66	1.06	0.58	0.24	0	2.06
4.89	4.15	3.41	2.65	1.91	1.22	0.66	0.27	7.32	6.9	6.58	6.25	5.83	5.34	4.78	4.16	3.54	2.91	2.28	1.65	1.05	0.58	0.24	0	1.8
4.88	4.14	3.39	2.64	1.9	1.21	0.66	0.27	7.29	6.87	6.55	6.22	5.8	5.32	4.76	4.14	3.52	2.9	2.27	1.64	1.05	0.58	0.23	0	2.22
4.86	4.12	3.38	2.64	1.9	1.21	0.66	0.27	7.26	6.84	6.53	6.2	5.79	5.3	4.74	4.13	3.51	2.89	2.26	1.63	1.05	0.57	0.23	0	2.21
4.84	4.11	3.37	2.63	1.89	1.21	0.66	0.27	7.24	6.82	6.51	6.18	5.77	5.28	4.72	4.11	3.49	2.87	2.25	1.63	1.05	0.57	0.23	0	2.19
4.83	4.09	3.36	2.62	1.89	1.21	0.66	0.27	7.23	6.82	6.5	6.17	5.76	5.27	4.71	4.1	3.48	2.87	2.24	1.63	1.05	0.57	0.23	0	1.77
4.81	4.08	3.35	2.61	1.89	1.21	0.65	0.26	7.22	6.8	6.49	6.16	5.74	5.25	4.69	4.08	3.47	2.85	2.24	1.62	1.04	0.57	0.23	0	1.67
4.79	4.06	3.33	2.6	1.88	1.21	0.65	0.26	7.2	6.79	6.48	6.14	5.73	5.24	4.67	4.06	3.45	2.84	2.23	1.62	1.04	0.57	0.23	0	2.08
4.77	4.04	3.31	2.59	1.88	1.2	0.65	0.26	7.18	6.77	6.46	6.12	5.71	5.22	4.65	4.04	3.43	2.83	2.22	1.61	1.04	0.57	0.23	0	2.25
4.75	4.02	3.3	2.58	1.87	1.2	0.65	0.26	7.16	6.74	6.43	6.1	5.68	5.19	4.63	4.02	3.41	2.81	2.21	1.61	1.04	0.56	0.23	0	2.2
4.72	3.99	3.28	2.57	1.87	1.2	0.65	0.26	7.13	6.72	6.41	6.07	5.66	5.17	4.6	4	3.39	2.8	2.2	1.61	1.04	0.56	0.23	0	1.38
4.69	3.97	3.26	2.56	1.86	1.2	0.65	0.26	7.11	6.69	6.38	6.05	5.63	5.15	4.58	3.98	3.38	2.78	2.19	1.6	1.04	0.56	0.23	0	2.06
4.67	3.95	3.25	2.55	1.86	1.2	0.65	0.26	7.09	6.67	6.36	6.02	5.61	5.12	4.56	3.96	3.36	2.77	2.18	1.6	1.04	0.57	0.23	0	2.26
4.65	3.93	3.23	2.55	1.86	1.2	0.65	0.26	7.07	6.65	6.34	6.01	5.59	5.11	4.54	3.94	3.34	2.76	2.18	1.6	1.04	0.57	0.23	0	2.17
4.63	3.92	3.22	2.54	1.86	1.21	0.66	0.26	7.07	6.64	6.33	5.99	5.58	5.09	4.53	3.93	3.33	2.75	2.18	1.6	1.04	0.57	0.23	0	1.8
4.61	3.9	3.21	2.54	1.87	1.21	0.66	0.27	7.06	6.63	6.32	5.98	5.57	5.08	4.52	3.92	3.32	2.74	2.17	1.61	1.05	0.58	0.23	0	1.36
4.6	3.89	3.21	2.54	1.87	1.22	0.67	0.27	7.06	6.62	6.31	5.97	5.55	5.07	4.5	3.91	3.31	2.74	2.17	1.61	1.06	0.58	0.24	0	1.99
4.58	3.88	3.2	2.53	1.87	1.23	0.68	0.27	7.06	6.61	6.3	5.96	5.55	5.06	4.49	3.9	3.31	2.73	2.17	1.61	1.06	0.59	0.24	0	2.19
4.57	3.86	3.19	2.53	1.88	1.23	0.68	0.28	7.06	6.6	6.3	5.95	5.54	5.05	4.49	3.89	3.3	2.73	2.17	1.62	1.07	0.59	0.24	0	2.21
4.55	3.85	3.18	2.53	1.88	1.24	0.69	0.28	7.05	6.59	6.29	5.94	5.53	5.04	4.48	3.88	3.29	2.73	2.17	1.62	1.07	0.6	0.24	0	1.83
4.53	3.84	3.17	2.52	1.88	1.24	0.69	0.28	7.04	6.58	6.28	5.94	5.52	5.03	4.47	3.88	3.29	2.72	2.17	1.62	1.08	0.6	0.25	0	1.78
4.51	3.82	3.16	2.52	1.88	1.24	0.69	0.28	7.03	6.58	6.28	5.93	5.51	5.02	4.46	3.87	3.28	2.72	2.17	1.62	1.08	0.6	0.25	0	2.2
4.5	3.81	3.15	2.51	1.87	1.24	0.69	0.28	7.02	6.57	6.27	5.92	5.5	5.01	4.45	3.86	3.28	2.71	2.17	1.62	1.08	0.6	0.24	0	2.21
4.48	3.79	3.14	2.5	1.87	1.24	0.69	0.28	7.01	6.56	6.26	5.91	5.49	5	4.44	3.85	3.27	2.71	2.16	1.62	1.08	0.6	0.24	0	2.04
4.46	3.78	3.12	2.49	1.86	1.23	0.68	0.27	7	6.56	6.25	5.9	5.48	4.99	4.43	3.84	3.26	2.7	2.15	1.61	1.07	0.59	0.23	0	1.4
4.43	3.75	3.1	2.47	1.84	1.22	0.67	0.26	6.98	6.55	6.24	5.89	5.47	4.98	4.42	3.83	3.25	2.69	2.14	1.6	1.06	0.58	0.23	0	2.23
4.4	3.73	3.08	2.45	1.82	1.2	0.65	0.25	6.97	6.54	6.23	5.88	5.46	4.97	4.41	3.82	3.24	2.68	2.13	1.59	1.05	0.57	0.22	0	2.34
4.38	3.71	3.06	2.43	1.8	1.19	0.64	0.24	6.96	6.53	6.21	5.86	5.44	4.95	4.39	3.8	3.22	2.66	2.12	1.58	1.04	0.56	0.21	0	2.16
4.35	3.68	3.04	2.41	1.78	1.17	0.62	0.23	6.94	6.52	6.2	5.85	5.43	4.94	4.38	3.79	3.21	2.65	2.11	1.56	1.02	0.55	0.2	0	1.73
4.32	3.65	3.02	2.39	1.77	1.15	0.61	0.22	6.93	6.51	6.19	5.84	5.42	4.92	4.36	3.78	3.2	2.64	2.1	1.55	1.01	0.53	0.19	0	2.17
4.28	3.63	3	2.37	1.75	1.13	0.59	0.21	6.92	6.5	6.17	5.82	5.4	4.91	4.35	3.76	3.19	2.63	2.09	1.54	1	0.52	0.18	193.5	2.25
4.26	3.6	2.98	2.35	1.73	1.11	0.58	0.2	6.91	6.48	6.16	5.81	5.39	4.9	4.33	3.75	3.18	2.63	2.08	1.53	0.98	0.51	0.17	0	1.96
4.23	3.58	2.96	2.33	1.71	1.1	0.57	0.19	6.9	6.47	6.14	5.8	5.37	4.88	4.32	3.74	3.17	2.62	2.07	1.51	0.97	0.5	0.17	0	1.11
4.19	3.55	2.93	2.31	1.69	1.08	0.55	0.18	6.88	6.45	6.13	5.78	5.36	4.87	4.3	3.73	3.16	2.61	2.06	1.5	0.96	0.49	0.16	0	1.91
4.16	3.53	2.91	2.29	1.67	1.06	0.54	0.18	6.87	6.43	6.11	5.76	5.34	4.85	4.29	3.71	3.15	2.6	2.05	1.49	0.95	0.48	0.16	0	2.19
4.12	3.5	2.89	2.27	1.65	1.04	0.53	0.17	6.85	6.4	6.09	5.74	5.32	4.83	4.27	3.7	3.13	2.59	2.03	1.48	0.93	0.47	0.15	0	
4.08	3.46	2.86	2.24	1.62	1.02	0.52	0.17	6.82	6.38	6.06	5.72	5.29	4.8	4.25	3.68	3.12	2.57	2.02	1.46	0.92	0.46	0.15	0	1.82
4.04	3.43	2.82	2.22	1.6	1	0.5	0.17	6.79	6.35	6.03	5.69	5.26	4.78	4.22	3.66	3.1	2.56	2	1.45	0.91	0.45	0.15	0	1.95
3.99	3.39	2.79	2.19	1.57	0.98	0.49	0.16	6.75	6.32	6	5.65	5.23	4.75	4.2	3.64	3.08	2.54	1.99	1.43	0.89	0.44	0.14	0	2.22
3.94	3.35	2.76	2.15	1.54	0.96	0.48	0.16	6.72	6.29	5.96	5.62	5.2	4.72	4.17	3.61	3.07	2.52	1.97	1.41	0.87	0.43	0.14	0	2.15
3.89	3.3	2.72	2.12	1.52	0.94	0.47	0.15	6.68	6.26	5.93	5.59	5.17	4.68	4.14	3.59	3.05	2.5	1.95	1.39	0.86	0.42	0.14	0	1.72
3.84	3.26	2.68	2.09	1.49	0.92	0.45	0.15	6.64	6.23	5.89	5.55	5.13	4.65	4.11	3.56	3.02	2.48	1.93	1.37	0.84	0.41	0.13	0	1.18
3.79	3.22	2.64	2.06	1.46	0.89	0.44	0.15	6.6	6.19	5.86	5.52	5.1	4.61	4.08	3.54	3	2.46	1.91	1.36	0.83	0.41	0.13	0	1.99
3.74	3.17	2.61	2.02	1.43	0.87	0.43																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.89	2.47	2.04	1.57	1.11	0.68	0.35	0.13	6.14	5.79	5.44	5.14	4.75	4.3	3.81	3.32	2.82	2.3	1.76	1.22	0.74	0.36	0.13	0	2.56
2.86	2.45	2.02	1.56	1.1	0.68	0.34	0.13	6.11	5.77	5.42	5.12	4.73	4.28	3.79	3.3	2.81	2.29	1.76	1.22	0.74	0.36	0.13	0	2.31
2.83	2.42	2	1.55	1.09	0.67	0.34	0.13	6.07	5.74	5.39	5.09	4.7	4.25	3.77	3.28	2.79	2.28	1.75	1.22	0.73	0.36	0.13	0	2.06
2.8	2.4	1.98	1.54	1.09	0.67	0.34	0.13	6.03	5.7	5.36	5.06	4.67	4.23	3.75	3.26	2.77	2.27	1.74	1.22	0.73	0.36	0.13	0	1.4
2.77	2.37	1.96	1.52	1.08	0.66	0.34	0.13	5.98	5.66	5.32	5.03	4.65	4.2	3.73	3.24	2.76	2.26	1.74	1.21	0.73	0.36	0.13	0	2.1
2.75	2.36	1.95	1.52	1.08	0.67	0.34	0.13	5.96	5.64	5.31	5.01	4.63	4.19	3.71	3.23	2.75	2.26	1.74	1.22	0.74	0.37	0.14	0	2.36
2.74	2.35	1.94	1.52	1.08	0.67	0.34	0.13	5.97	5.63	5.31	5.01	4.63	4.19	3.71	3.23	2.75	2.26	1.75	1.22	0.74	0.37	0.14	0	2.54
2.73	2.34	1.94	1.51	1.08	0.66	0.34	0.13	5.98	5.63	5.32	5.01	4.63	4.19	3.72	3.24	2.76	2.26	1.75	1.23	0.74	0.37	0.14	0	2.41
2.73	2.34	1.93	1.51	1.07	0.66	0.34	0.13	6.02	5.65	5.34	5.03	4.64	4.2	3.73	3.24	2.76	2.27	1.75	1.23	0.74	0.37	0.14	0	1.7
2.72	2.33	1.93	1.51	1.07	0.66	0.34	0.13	6.05	5.66	5.36	5.04	4.66	4.21	3.74	3.25	2.77	2.27	1.75	1.23	0.74	0.37	0.14	0	2.03
2.72	2.33	1.93	1.51	1.07	0.66	0.34	0.13	6.09	5.69	5.38	5.06	4.68	4.23	3.75	3.26	2.77	2.28	1.76	1.23	0.75	0.38	0.14	0	2.37
2.72	2.33	1.93	1.51	1.07	0.66	0.34	0.13	6.11	5.71	5.4	5.08	4.69	4.24	3.76	3.27	2.78	2.28	1.76	1.24	0.75	0.38	0.14	61.6	2.39
2.72	2.33	1.93	1.51	1.07	0.66	0.34	0.13	6.13	5.74	5.42	5.1	4.71	4.25	3.77	3.27	2.79	2.29	1.77	1.24	0.75	0.38	0.14	0	2.2
2.72	2.33	1.93	1.51	1.07	0.66	0.34	0.13	6.15	5.76	5.44	5.12	4.73	4.27	3.78	3.28	2.8	2.3	1.77	1.24	0.75	0.38	0.14	0	1.4
2.72	2.34	1.93	1.51	1.08	0.66	0.34	0.13	6.16	5.78	5.46	5.14	4.74	4.28	3.79	3.3	2.81	2.3	1.78	1.25	0.75	0.38	0.14	0	2.1
2.73	2.34	1.94	1.52	1.08	0.66	0.35	0.13	6.18	5.8	5.48	5.16	4.76	4.3	3.81	3.31	2.82	2.31	1.79	1.26	0.76	0.38	0.14	0	2.35
2.74	2.35	1.95	1.52	1.09	0.67	0.35	0.13	6.22	5.84	5.51	5.19	4.79	4.32	3.83	3.33	2.83	2.33	1.8	1.27	0.76	0.39	0.14	0	2.36
2.75	2.36	1.96	1.53	1.09	0.67	0.35	0.13	6.25	5.87	5.54	5.21	4.81	4.35	3.85	3.35	2.85	2.34	1.81	1.28	0.77	0.39	0.14	0	2.33
2.77	2.37	1.97	1.54	1.1	0.68	0.36	0.13	6.3	5.91	5.57	5.25	4.84	4.37	3.87	3.37	2.87	2.35	1.82	1.28	0.78	0.4	0.14	0	1.66
2.78	2.39	1.98	1.55	1.11	0.69	0.36	0.13	6.34	5.93	5.6	5.27	4.86	4.39	3.89	3.38	2.88	2.36	1.83	1.29	0.78	0.4	0.14	60	2.25
2.8	2.4	1.99	1.56	1.11	0.69	0.36	0.14	6.37	5.96	5.63	5.29	4.88	4.41	3.9	3.4	2.89	2.37	1.84	1.29	0.79	0.4	0.15	0	2.44
2.81	2.41	2	1.57	1.12	0.69	0.36	0.14	6.39	5.97	5.64	5.31	4.89	4.42	3.91	3.41	2.9	2.38	1.84	1.3	0.79	0.4	0.15	0	2.37
2.82	2.42	2.01	1.57	1.13	0.7	0.37	0.14	6.4	5.98	5.65	5.31	4.9	4.43	3.92	3.41	2.91	2.39	1.85	1.3	0.79	0.41	0.15	0	1.98
2.84	2.43	2.02	1.58	1.13	0.7	0.37	0.14	6.4	5.98	5.66	5.32	4.9	4.43	3.92	3.42	2.91	2.39	1.86	1.31	0.79	0.41	0.15	0	1.84
2.85	2.45	2.03	1.6	1.14	0.71	0.37	0.14	6.41	5.99	5.67	5.32	4.91	4.44	3.93	3.42	2.92	2.4	1.86	1.31	0.8	0.41	0.15	0	2.27
2.87	2.47	2.05	1.61	1.15	0.71	0.37	0.14	6.42	6	5.68	5.33	4.92	4.45	3.94	3.43	2.93	2.41	1.87	1.32	0.8	0.4	0.15	0	2.35
2.89	2.49	2.07	1.62	1.16	0.72	0.37	0.14	6.43	6.02	5.7	5.35	4.94	4.47	3.96	3.45	2.94	2.42	1.88	1.32	0.84	0.4	0.15	0	2.29
2.92	2.51	2.09	1.64	1.16	0.72	0.37	0.14	6.46	6.04	5.72	5.37	4.96	4.48	3.97	3.46	2.95	2.43	1.88	1.32	0.8	0.4	0.15	0	1.86
2.94	2.53	2.1	1.64	1.16	0.71	0.36	0.14	6.48	6.07	5.74	5.39	4.97	4.5	3.98	3.47	2.96	2.44	1.88	1.32	0.79	0.39	0.14	0	1.79
2.97	2.55	2.11	1.65	1.16	0.71	0.36	0.13	6.51	6.08	5.75	5.4	4.99	4.51	3.99	3.47	2.96	2.44	1.88	1.31	0.78	0.39	0.14	0	2.19
2.99	2.56	2.12	1.65	1.16	0.71	0.35	0.13	6.52	6.1	5.76	5.41	5	4.51	4	3.48	2.96	2.43	1.87	1.3	0.77	0.38	0.14	0	2.29
3	2.57	2.12	1.65	1.16	0.7	0.35	0.13	6.53	6.1	5.77	5.42	5	4.51	4	3.48	2.96	2.42	1.86	1.29	0.76	0.37	0.13	0	2.24
3.01	2.58	2.13	1.65	1.15	0.69	0.34	0.13	6.54	6.1	5.77	5.42	5	4.51	4	3.47	2.95	2.41	1.85	1.28	0.75	0.36	0.13	0	2.06
3.03	2.59	2.13	1.64	1.15	0.69	0.34	0.12	6.54	6.1	5.77	5.42	5	4.51	3.99	3.47	2.95	2.41	1.84	1.27	0.74	0.36	0.13	0	1.62
3.03	2.59	2.13	1.64	1.14	0.68	0.34	0.12	6.54	6.1	5.77	5.42	4.99	4.51	3.99	3.47	2.94	2.4	1.83	1.25	0.73	0.35	0.12	0	2.28
3.04	2.59	2.13	1.63	1.13	0.67	0.33	0.12	6.54	6.1	5.77	5.42	4.99	4.51	3.99	3.46	2.94	2.39	1.82	1.24	0.72	0.35	0.12	0	2.13
3.04	2.59	2.13	1.63	1.12	0.66	0.32	0.12	6.54	6.11	5.77	5.41	4.99	4.5	3.98	3.46	2.93	2.38	1.8	1.23	0.71	0.34	0.12	0	1.44
3.04	2.59	2.12	1.61	1.11	0.65	0.32	0.11	6.53	6.11	5.76	5.41	4.98	4.5	3.98	3.45	2.92	2.37	1.79	1.21	0.7	0.33	0.11	0	1.7
3.04	2.59	2.11	1.6	1.1	0.64	0.31	0.11	6.54	6.11	5.76	5.41	4.98	4.49	3.97	3.44	2.91	2.36	1.77	1.2	0.69	0.33	0.11	0	2.17
3.04	2.58	2.1	1.59	1.08	0.63	0.3	0.11	6.54	6.11	5.76	5.41	4.98	4.49	3.97	3.44	2.9	2.34	1.76	1.18	0.68	0.32	0.11	0	1.82
3.04	2.58	2.1	1.58	1.07	0.62	0.3	0.1	6.55	6.11	5.76	5.4	4.97	4.49	3.96	3.43	2.89	2.33	1.74	1.16	0.66	0.31	0.1	0	0.9
3.04	2.58	2.09	1.57	1.06	0.61	0.29	0.1	6.55	6.11	5.76	5.4	4.97	4.48	3.96	3.42	2.88	2.32	1.72	1.15	0.65	0.3	0.1	0	1.78
3.04	2.57	2.08	1.55	1.04	0.6	0.28	0.09	6.56	6.1	5.76	5.4	4.97	4.48	3.95	3.42	2.87	2.3	1.71	1.13	0.64	0.29	0.1	369	2.14
3.04	2.56	2.07	1.54	1.03	0.58	0.27	0.09	6.56	6.09	5.75	5.39	4.96	4.48	3.95	3.41	2.86	2.29	1.69	1.11	0.62	0.28	0.09	0	1.79
3.04	2.56	2.06	1.52	1.01	0.57	0.26	0.09	6.56	6.09	5.75	5.4	4.96	4.47	3.95	3.41	2.85	2.28	1.67	1.09	0.61	0.27	0.09	64.5	1.65
3.03	2.55	2.04	1.51	0.99	0.56	0.26	0.08	6.56	6.08	5.75	5.39	4.96	4.47	3.94	3.4	2.84	2.26	1.65	1.07	0.59	0.26	0.08	0	2
3.03	2.54	2.03	1.49	0.97	0.54	0.25	0.08	6.56	6.07	5.75	5.39	4.96	4.47	3.94	3.39	2.83	2.24	1.63	1.05	0.57	0.25	0.08	0	1.71
3.03	2.54	2.02	1.47	0.95	0.52	0.24	0.08	6.56	6.07	5.75	5.38	4.95	4.46	3.94	3.39	2.82	2.22	1.6	1.03	0.55	0.25	0.08	0	1.79
3.02	2.52	2	1.44	0.93	0.5	0.23	0.07	6.54	6.06	5.74	5.37	4.94	4.45	3.93	3.38	2.81	2.2	1.58	1	0.53	0.23	0.07	0	1.85
3	2.5	1.97	1.42	0.9	0.48	0.22	0.07	6.52	6.04	5.72	5.36	4.93	4.44	3.91	3.36	2.79	2.18	1.55	0.97	0.51	0.22	0.07	0	1.28
2.98	2.48	1.95	1.39	0.88	0.47	0.21	0.06	6.5	6.02	5.7	5.33	4.91	4.42	3.89	3.34	2.76	2.15	1.51	0.95	0.49	0.21	0.06	0	2.27
2.96	2.46	1.92	1.36	0.85	0.45	0.2	0.06	6.47	5.99	5.67	5.31	4.88	4.4	3.87	3.32	2.74	2.12	1.49	0.92	0.47	0.2	0.06	0	2.34
2.94	2.44	1.9	1.33	0.83	0.43	0.19	0.05	6.43	5.97	5.64	5.28	4.86	4.37	3.85	3.3	2.72	2.1	1.46	0.89	0.46	0.19	0.05	0	1.98
2.92	2.42	1.88	1.32	0.81	0.42	0.18	0.05	6.41	5.95	5.62	5.26	4.84	4.36	3.83	3.28	2.7	2.08	1.44	0.88	0.45	0.19	0.05	0	1.77
2.91	2.41	1.86	1.3	0.8	0.42	0.18																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.89	2.38	1.82	1.24	0.73	0.35	0.13	0.03	5.55	5.1	4.8	4.5	4.13	3.72	3.27	2.8	2.29	1.75	1.19	0.7	0.33	0.12	0.03	0	2.18
2.9	2.38	1.83	1.25	0.74	0.36	0.13	0.04	5.51	5.05	4.76	4.46	4.09	3.69	3.24	2.77	2.27	1.74	1.19	0.7	0.34	0.12	0.03	0	2.2
2.91	2.39	1.84	1.26	0.74	0.36	0.13	0.04	5.46	5	4.71	4.41	4.05	3.65	3.21	2.75	2.26	1.73	1.19	0.7	0.34	0.12	0.03	0	2.27
2.91	2.4	1.84	1.27	0.75	0.36	0.13	0.04	5.41	4.95	4.67	4.36	4.01	3.61	3.18	2.72	2.24	1.72	1.18	0.7	0.34	0.12	0.03	0	2.1
2.91	2.4	1.85	1.28	0.75	0.37	0.14	0.04	5.35	4.89	4.61	4.31	3.96	3.57	3.14	2.7	2.22	1.71	1.18	0.69	0.34	0.12	0.03	0	1.57
2.92	2.4	1.86	1.28	0.76	0.37	0.14	0.04	5.29	4.83	4.56	4.27	3.92	3.53	3.11	2.67	2.2	1.7	1.17	0.69	0.34	0.12	0.03	0	1.67
2.92	2.41	1.86	1.29	0.76	0.37	0.14	0.04	5.22	4.78	4.51	4.22	3.87	3.49	3.08	2.64	2.18	1.69	1.17	0.69	0.33	0.12	0.03	0	1.98
2.92	2.41	1.86	1.29	0.76	0.37	0.14	0.04	5.16	4.73	4.45	4.17	3.83	3.45	3.04	2.62	2.16	1.68	1.16	0.69	0.33	0.12	0.03	0	2.01
2.91	2.41	1.86	1.29	0.76	0.37	0.14	0.04	5.11	4.67	4.4	4.12	3.79	3.42	3.01	2.59	2.14	1.66	1.15	0.68	0.33	0.12	0.03	0	1.41
2.91	2.41	1.86	1.29	0.76	0.37	0.14	0.04	5.07	4.63	4.36	4.08	3.75	3.39	2.99	2.57	2.13	1.65	1.14	0.68	0.33	0.12	0.03	0	1.45
2.91	2.41	1.86	1.28	0.75	0.37	0.14	0.04	5.03	4.59	4.32	4.04	3.72	3.35	2.96	2.54	2.11	1.63	1.13	0.67	0.32	0.12	0.03	0	1.5
2.91	2.4	1.86	1.28	0.75	0.37	0.14	0.04	5	4.55	4.29	4.01	3.69	3.33	2.93	2.52	2.09	1.62	1.12	0.66	0.32	0.12	0.03	0	2.08
2.9	2.39	1.85	1.27	0.74	0.36	0.14	0.04	4.96	4.51	4.25	3.97	3.65	3.3	2.91	2.49	2.06	1.6	1.11	0.65	0.32	0.12	0.03	0	2.06
2.87	2.37	1.83	1.25	0.73	0.36	0.14	0.04	4.92	4.47	4.2	3.93	3.61	3.26	2.87	2.46	2.03	1.57	1.08	0.64	0.31	0.12	0.03	0	1.42
2.85	2.35	1.8	1.23	0.72	0.35	0.14	0.03	4.87	4.41	4.16	3.88	3.57	3.22	2.83	2.43	2	1.55	1.06	0.62	0.3	0.12	0.03	0	2.31
2.82	2.32	1.78	1.21	0.7	0.34	0.13	0.03	4.82	4.36	4.11	3.83	3.52	3.18	2.79	2.39	1.97	1.52	1.04	0.61	0.3	0.12	0.03	0	2.5
2.79	2.29	1.75	1.19	0.69	0.34	0.13	0.03	4.76	4.31	4.05	3.78	3.47	3.13	2.75	2.36	1.94	1.49	1.02	0.59	0.29	0.12	0.03	0	2.3
2.77	2.27	1.73	1.17	0.68	0.33	0.13	0.03	4.71	4.26	4	3.74	3.43	3.09	2.72	2.33	1.91	1.46	1	0.58	0.29	0.11	0.03	0	1.49
2.75	2.24	1.7	1.15	0.67	0.33	0.13	0.03	4.65	4.22	3.96	3.7	3.4	3.06	2.69	2.3	1.89	1.44	0.98	0.57	0.28	0.11	0.03	0	2.3
2.73	2.22	1.68	1.13	0.66	0.32	0.13	0.03	4.62	4.18	3.93	3.67	3.37	3.03	2.67	2.28	1.86	1.42	0.96	0.56	0.27	0.11	0.02	0	2.52
2.71	2.21	1.66	1.12	0.64	0.31	0.13	0.03	4.6	4.16	3.9	3.65	3.35	3.02	2.65	2.26	1.84	1.4	0.94	0.55	0.27	0.11	0.02	0	2.58
2.7	2.19	1.65	1.1	0.63	0.31	0.12	0.03	4.6	4.15	3.89	3.64	3.34	3	2.63	2.24	1.83	1.38	0.93	0.54	0.26	0.11	0.02	0	2.4
2.68	2.17	1.63	1.08	0.62	0.3	0.12	0.03	4.6	4.13	3.88	3.62	3.33	2.99	2.62	2.23	1.81	1.36	0.91	0.53	0.26	0.1	0.02	0	1.64
2.67	2.15	1.6	1.06	0.6	0.29	0.12	0.03	4.6	4.12	3.87	3.61	3.31	2.98	2.61	2.21	1.79	1.34	0.89	0.51	0.25	0.1	0.02	0	2.46
2.65	2.13	1.58	1.04	0.59	0.29	0.11	0.02	4.59	4.1	3.85	3.6	3.3	2.96	2.59	2.19	1.77	1.32	0.87	0.5	0.24	0.09	0.02	0	2.58
2.62	2.09	1.54	1.01	0.57	0.27	0.11	0.02	4.57	4.07	3.83	3.57	3.28	2.94	2.57	2.17	1.74	1.29	0.85	0.48	0.23	0.09	0.02	0	2.55
2.57	2.05	1.51	0.98	0.55	0.26	0.1	0.02	4.52	4.03	3.79	3.53	3.24	2.91	2.54	2.14	1.71	1.26	0.82	0.46	0.22	0.09	0.02	63.9	2.39
2.53	2.01	1.47	0.95	0.53	0.25	0.1	0.02	4.47	3.99	3.75	3.5	3.2	2.87	2.5	2.1	1.68	1.23	0.8	0.45	0.22	0.08	0.02	0	1.89
2.49	1.98	1.44	0.93	0.52	0.25	0.09	0.02	4.41	3.95	3.7	3.46	3.17	2.84	2.47	2.08	1.65	1.21	0.78	0.44	0.21	0.08	0.01	0	1.56
2.46	1.95	1.41	0.91	0.51	0.24	0.09	0.02	4.36	3.91	3.67	3.43	3.14	2.81	2.45	2.05	1.63	1.19	0.77	0.43	0.2	0.08	0.01	0	2.36
2.43	1.92	1.38	0.89	0.49	0.24	0.09	0.02	4.33	3.89	3.64	3.4	3.12	2.79	2.43	2.03	1.61	1.16	0.75	0.42	0.2	0.07	0.01	0	2.62
2.41	1.9	1.37	0.87	0.49	0.23	0.09	0.02	4.32	3.88	3.63	3.4	3.11	2.78	2.42	2.02	1.59	1.15	0.74	0.41	0.2	0.07	0.01	0	2.63
2.4	1.88	1.35	0.86	0.48	0.23	0.09	0.02	4.32	3.88	3.63	3.39	3.11	2.78	2.42	2.01	1.58	1.14	0.73	0.4	0.2	0.07	0.01	0	2.24
2.4	1.87	1.34	0.85	0.47	0.23	0.09	0.02	4.34	3.88	3.63	3.4	3.11	2.79	2.42	2.01	1.57	1.13	0.72	0.4	0.19	0.07	0.01	0	2
2.4	1.87	1.33	0.84	0.47	0.23	0.08	0.02	4.36	3.89	3.64	3.41	3.12	2.8	2.42	2.01	1.57	1.12	0.71	0.4	0.19	0.07	0.01	0	2.57
2.4	1.86	1.33	0.84	0.46	0.23	0.08	0.02	4.37	3.89	3.65	3.41	3.13	2.8	2.42	2.01	1.57	1.12	0.71	0.39	0.19	0.07	0.02	0	2.52
2.4	1.86	1.32	0.84	0.46	0.23	0.08	0.02	4.38	3.88	3.65	3.41	3.13	2.8	2.43	2.01	1.56	1.11	0.71	0.39	0.19	0.07	0.02	0	2.44
2.4	1.86	1.32	0.83	0.46	0.23	0.08	0.02	4.37	3.87	3.64	3.4	3.12	2.8	2.42	2	1.56	1.11	0.7	0.39	0.19	0.07	0.02	0	1.83
2.4	1.86	1.32	0.83	0.46	0.22	0.08	0.02	4.36	3.86	3.63	3.39	3.11	2.79	2.42	2	1.56	1.11	0.7	0.39	0.19	0.07	0.01	0	1.94
2.4	1.86	1.32	0.83	0.46	0.22	0.08	0.02	4.34	3.84	3.61	3.38	3.1	2.78	2.41	2	1.56	1.11	0.7	0.39	0.18	0.07	0.01	0	2.18
2.4	1.86	1.32	0.83	0.45	0.21	0.08	0.02	4.33	3.82	3.6	3.37	3.09	2.78	2.41	1.99	1.55	1.1	0.7	0.38	0.18	0.06	0.01	0	2.46
2.4	1.86	1.32	0.83	0.45	0.21	0.07	0.01	4.32	3.81	3.59	3.36	3.08	2.77	2.4	1.99	1.55	1.1	0.7	0.38	0.18	0.06	0.01	0	2.47
2.4	1.87	1.32	0.83	0.44	0.2	0.07	0.01	4.33	3.8	3.58	3.35	3.08	2.76	2.4	1.99	1.56	1.11	0.69	0.37	0.17	0.06	0.01	0	2.18
2.4	1.87	1.32	0.83	0.44	0.2	0.07	0.01	4.33	3.8	3.57	3.34	3.07	2.76	2.4	2	1.56	1.11	0.69	0.37	0.16	0.06	0.01	0	1.82
2.4	1.87	1.33	0.83	0.44	0.19	0.07	0.01	4.33	3.78	3.56	3.33	3.06	2.75	2.4	2	1.57	1.12	0.7	0.37	0.16	0.06	0.01	0	2.51
2.4	1.88	1.34	0.84	0.45	0.19	0.07	0.01	4.32	3.76	3.54	3.31	3.04	2.74	2.39	2	1.57	1.12	0.71	0.38	0.16	0.06	0.01	0	2.65
2.39	1.88	1.35	0.85	0.46	0.2	0.07	0.01	4.29	3.73	3.51	3.28	3.02	2.72	2.37	1.99	1.57	1.13	0.72	0.39	0.17	0.06	0.01	0	2.72
2.37	1.88	1.36	0.87	0.47	0.21	0.08	0.01	4.24	3.69	3.48	3.25	2.99	2.69	2.36	1.98	1.58	1.14	0.73	0.4	0.18	0.06	0.01	0	2.43
2.36	1.88	1.37	0.89	0.49	0.22	0.08	0.02	4.2	3.65	3.44	3.22	2.96	2.67	2.34	1.98	1.58	1.16	0.75	0.41	0.19	0.07	0.01	0	2.26
2.35	1.88	1.38	0.9	0.51	0.24	0.09	0.02	4.16	3.62	3.4	3.18	2.93	2.64	2.32	1.97	1.58	1.16	0.76	0.43	0.2	0.07	0.01	0	2.67
2.34	1.88	1.39	0.92	0.52	0.25	0.09	0.02	4.14	3.59	3.38	3.16	2.91	2.63	2.31	1.96	1.58	1.17	0.77	0.44	0.21	0.08	0.02	0	2.8
2.34	1.88	1.4	0.93	0.53	0.26	0.1	0.02	4.15	3.59	3.37	3.15	2.9	2.62	2.31	1.96	1.58	1.18	0.78	0.45	0.22	0.08	0.02	0	2.72
2.35	1.89	1.41	0.93	0.54	0.26	0.1	0.02	4.18	3.6	3.37	3.16	2.91	2.63	2.31	1.97	1.59	1.19	0.79	0.46	0.22	0.08	0.02	0	2.53
2.36	1.9	1.42	0.94	0.54	0.26	0.1	0.02	4.22	3.62	3.39	3.17	2.92	2.64	2.32	1.97	1.6	1.19	0.8	0.46	0.22	0.09	0.02	0	1.94
2.37	1.91	1.43	0.95	0.55	0.27	0.11	0.02	4																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.12	1.78	1.41	1.05	0.7	0.41	0.2	0.06	3.96	3.24	3	2.8	2.57	2.32	2.06	1.78	1.49	1.19	0.88	0.59	0.34	0.16	0.05	0	2.08
2.12	1.78	1.42	1.05	0.71	0.41	0.2	0.07	3.96	3.22	2.98	2.78	2.55	2.31	2.04	1.77	1.49	1.19	0.89	0.6	0.35	0.17	0.05	0	1.55
2.11	1.77	1.43	1.06	0.72	0.42	0.21	0.07	3.95	3.2	2.96	2.76	2.54	2.29	2.03	1.76	1.49	1.2	0.89	0.6	0.36	0.17	0.06	0	2.08
2.1	1.77	1.43	1.07	0.73	0.43	0.21	0.07	3.93	3.18	2.93	2.74	2.51	2.27	2.01	1.75	1.48	1.2	0.9	0.61	0.36	0.18	0.06	0	2.13
2.09	1.77	1.43	1.08	0.74	0.44	0.22	0.07	3.91	3.15	2.91	2.71	2.49	2.25	2	1.74	1.47	1.2	0.9	0.62	0.37	0.18	0.06	0	1.93
2.08	1.76	1.44	1.09	0.75	0.45	0.22	0.08	3.89	3.12	2.88	2.68	2.47	2.23	1.98	1.72	1.46	1.19	0.91	0.63	0.38	0.19	0.06	0	1.37
2.07	1.76	1.44	1.1	0.76	0.46	0.23	0.08	3.87	3.09	2.86	2.66	2.44	2.2	1.96	1.71	1.45	1.19	0.91	0.63	0.39	0.19	0.07	0	1.91
2.05	1.75	1.44	1.11	0.77	0.47	0.24	0.08	3.84	3.06	2.83	2.63	2.42	2.18	1.94	1.69	1.44	1.19	0.92	0.64	0.39	0.2	0.07	0	2.33
2.04	1.74	1.43	1.11	0.78	0.48	0.24	0.09	3.82	3.04	2.81	2.6	2.39	2.16	1.92	1.67	1.43	1.18	0.92	0.65	0.4	0.2	0.07	0	2.23
2.02	1.73	1.43	1.11	0.79	0.49	0.25	0.09	3.8	3.01	2.78	2.58	2.37	2.14	1.9	1.66	1.42	1.17	0.92	0.65	0.4	0.21	0.07	0	1.39
2.01	1.72	1.42	1.12	0.79	0.5	0.26	0.09	3.77	2.98	2.76	2.55	2.34	2.12	1.88	1.64	1.4	1.17	0.92	0.65	0.41	0.21	0.07	0	2.16
2	1.71	1.42	1.12	0.8	0.5	0.26	0.1	3.76	2.96	2.73	2.53	2.32	2.1	1.87	1.63	1.39	1.16	0.92	0.66	0.42	0.22	0.08	0	2.2
1.98	1.69	1.41	1.12	0.8	0.51	0.27	0.1	3.74	2.94	2.71	2.51	2.3	2.08	1.85	1.61	1.38	1.15	0.92	0.66	0.42	0.22	0.08	0	1.93
1.96	1.68	1.4	1.11	0.8	0.51	0.28	0.1	3.72	2.92	2.69	2.48	2.28	2.06	1.83	1.6	1.37	1.14	0.91	0.66	0.42	0.23	0.08	0	1.66
1.95	1.66	1.39	1.1	0.8	0.52	0.28	0.11	3.69	2.9	2.66	2.46	2.26	2.04	1.81	1.58	1.36	1.13	0.91	0.66	0.43	0.23	0.09	145.2	2.28
1.93	1.65	1.37	1.1	0.8	0.52	0.28	0.11	3.67	2.87	2.63	2.43	2.23	2.02	1.79	1.57	1.34	1.12	0.9	0.66	0.43	0.23	0.09	0	2.39
1.91	1.63	1.36	1.09	0.8	0.52	0.29	0.11	3.65	2.85	2.6	2.41	2.21	2	1.78	1.55	1.33	1.11	0.89	0.66	0.43	0.24	0.09	0	2.16
1.89	1.62	1.35	1.08	0.8	0.52	0.29	0.11	3.64	2.82	2.58	2.39	2.19	1.98	1.76	1.54	1.32	1.11	0.89	0.66	0.43	0.24	0.09	0	1.58
1.88	1.61	1.34	1.07	0.8	0.52	0.29	0.11	3.64	2.8	2.56	2.37	2.17	1.97	1.75	1.53	1.31	1.1	0.88	0.66	0.43	0.24	0.09	0	2.33
1.87	1.6	1.34	1.07	0.79	0.51	0.28	0.11	3.65	2.79	2.55	2.36	2.16	1.96	1.75	1.52	1.31	1.1	0.88	0.65	0.43	0.23	0.09	0	2.54
1.86	1.59	1.33	1.06	0.78	0.51	0.28	0.11	3.67	2.79	2.55	2.36	2.16	1.96	1.74	1.52	1.31	1.09	0.88	0.65	0.42	0.23	0.09	0	2.54
1.85	1.58	1.32	1.05	0.78	0.5	0.28	0.11	3.69	2.79	2.55	2.36	2.16	1.95	1.74	1.52	1.3	1.09	0.87	0.64	0.42	0.23	0.09	63.7	2.28
1.84	1.57	1.31	1.04	0.77	0.5	0.27	0.1	3.72	2.8	2.56	2.36	2.16	1.95	1.74	1.52	1.3	1.09	0.87	0.64	0.42	0.23	0.09	0	1.6
1.83	1.57	1.3	1.03	0.76	0.49	0.27	0.1	3.75	2.81	2.57	2.37	2.16	1.96	1.74	1.52	1.3	1.09	0.86	0.64	0.41	0.23	0.08	0	1.63
1.82	1.55	1.29	1.02	0.75	0.49	0.26	0.1	3.77	2.82	2.57	2.37	2.17	1.96	1.74	1.52	1.3	1.08	0.86	0.63	0.41	0.22	0.08	0	2.39
1.8	1.54	1.28	1.01	0.74	0.48	0.26	0.1	3.78	2.83	2.57	2.37	2.17	1.96	1.74	1.51	1.3	1.08	0.85	0.63	0.4	0.22	0.08	0	2.63
1.79	1.53	1.27	1	0.73	0.47	0.25	0.09	3.78	2.83	2.57	2.37	2.17	1.96	1.74	1.51	1.3	1.08	0.85	0.62	0.4	0.21	0.08	0	2.5
1.77	1.51	1.25	0.99	0.72	0.46	0.24	0.09	3.76	2.82	2.56	2.37	2.16	1.95	1.73	1.51	1.29	1.07	0.85	0.62	0.39	0.21	0.07	0	2.06
1.75	1.49	1.24	0.97	0.71	0.45	0.23	0.09	3.74	2.81	2.55	2.36	2.16	1.95	1.73	1.5	1.29	1.07	0.84	0.61	0.38	0.2	0.07	0	1.85
1.73	1.48	1.22	0.96	0.7	0.44	0.23	0.08	3.72	2.81	2.55	2.35	2.15	1.95	1.73	1.5	1.29	1.07	0.84	0.61	0.38	0.2	0.07	0	2.46
1.71	1.47	1.22	0.96	0.69	0.44	0.23	0.08	3.7	2.8	2.55	2.35	2.15	1.95	1.73	1.51	1.29	1.07	0.84	0.61	0.38	0.2	0.07	495.6	2.35
1.7	1.46	1.21	0.95	0.69	0.43	0.22	0.08	3.69	2.8	2.55	2.36	2.16	1.95	1.73	1.51	1.3	1.07	0.84	0.61	0.38	0.2	0.07	0	2.24
1.69	1.45	1.2	0.95	0.69	0.43	0.22	0.08	3.69	2.81	2.56	2.36	2.17	1.96	1.74	1.52	1.3	1.08	0.85	0.61	0.38	0.2	0.07	0	2.1
1.69	1.45	1.2	0.94	0.68	0.43	0.22	0.08	3.7	2.83	2.57	2.38	2.18	1.97	1.75	1.53	1.31	1.08	0.85	0.61	0.38	0.2	0.07	0	2.13
1.68	1.44	1.19	0.94	0.68	0.42	0.22	0.08	3.72	2.85	2.58	2.39	2.19	1.98	1.76	1.53	1.31	1.09	0.86	0.62	0.38	0.2	0.07	0	2.07
1.67	1.44	1.19	0.94	0.68	0.42	0.22	0.09	3.73	2.86	2.6	2.4	2.2	1.99	1.77	1.54	1.32	1.1	0.86	0.62	0.38	0.2	0.07	0	1.66
1.67	1.43	1.19	0.94	0.68	0.42	0.22	0.09	3.73	2.87	2.61	2.41	2.21	2	1.78	1.55	1.33	1.1	0.87	0.62	0.39	0.2	0.08	0	2.45
1.66	1.43	1.19	0.94	0.68	0.42	0.22	0.08	3.72	2.87	2.61	2.42	2.22	2	1.78	1.56	1.33	1.11	0.87	0.63	0.39	0.2	0.08	0	2.64
1.66	1.43	1.19	0.94	0.68	0.42	0.22	0.08	3.7	2.87	2.61	2.42	2.22	2.01	1.79	1.56	1.34	1.12	0.88	0.63	0.39	0.2	0.08	0	2.57
1.65	1.42	1.19	0.95	0.68	0.42	0.22	0.08	3.67	2.86	2.61	2.42	2.22	2.01	1.79	1.57	1.35	1.13	0.89	0.64	0.39	0.2	0.08	0	2.02
1.65	1.42	1.2	0.95	0.68	0.42	0.22	0.08	3.64	2.84	2.61	2.41	2.22	2.01	1.79	1.57	1.35	1.13	0.9	0.64	0.4	0.2	0.08	0	2.4
1.65	1.42	1.2	0.95	0.69	0.43	0.22	0.09	3.62	2.83	2.61	2.41	2.22	2.01	1.8	1.58	1.36	1.14	0.9	0.65	0.4	0.21	0.08	0	2.64
1.65	1.42	1.2	0.95	0.69	0.43	0.22	0.09	3.61	2.83	2.61	2.41	2.23	2.02	1.8	1.58	1.36	1.14	0.9	0.65	0.4	0.21	0.08	0	2.66
1.65	1.42	1.2	0.95	0.69	0.43	0.22	0.09	3.63	2.83	2.62	2.42	2.23	2.03	1.81	1.59	1.37	1.15	0.91	0.65	0.4	0.21	0.08	0	2.5
1.65	1.43	1.2	0.95	0.68	0.43	0.22	0.09	3.66	2.85	2.64	2.44	2.25	2.04	1.82	1.6	1.37	1.15	0.91	0.65	0.4	0.21	0.08	0	1.17
1.66	1.43	1.19	0.94	0.68	0.43	0.22	0.09	3.71	2.87	2.66	2.46	2.26	2.05	1.83	1.6	1.38	1.15	0.91	0.65	0.4	0.21	0.08	0	2.21
1.66	1.43	1.19	0.94	0.68	0.43	0.22	0.09	3.75	2.9	2.68	2.48	2.28	2.07	1.84	1.61	1.38	1.15	0.91	0.65	0.41	0.21	0.08	0	2.33
1.67	1.44	1.2	0.94	0.68	0.43	0.22	0.09	3.8	2.92	2.7	2.49	2.3	2.08	1.85	1.62	1.39	1.16	0.91	0.65	0.41	0.21	0.08	370.8	2.29
1.67	1.44	1.2	0.95	0.68	0.43	0.22	0.09	3.82	2.94	2.72	2.51	2.31	2.09	1.86	1.63	1.4	1.16	0.91	0.66	0.41	0.21	0.08	0	2.42
1.68	1.44	1.2	0.95	0.68	0.43	0.22	0.09	3.84	2.96	2.73	2.52	2.32	2.1	1.87	1.64	1.41	1.17	0.92	0.66	0.42	0.21	0.08	0	2.4
1.68	1.45	1.21	0.95	0.69	0.44	0.23	0.09	3.84	2.97	2.73	2.53	2.33	2.11	1.88	1.64	1.41	1.18	0.93	0.66	0.42	0.22	0.08	0	2.17
1.68	1.45	1.21	0.96	0.69	0.44	0.23	0.09	3.84	2.98	2.74	2.53	2.33	2.12	1.89	1.65	1.42	1.19	0.93	0.67	0.42	0.22	0.08	108.2	1.82
1.69	1.45	1.22	0.96	0.69	0.44	0.23	0.09	3.84	2.99	2.74	2.54	2.34	2.12	1.89	1.66	1.43	1.19	0.94	0.67	0.42	0.22	0.08	0	2.4
1.69	1.46	1.22	0.96	0.69	0.44	0.23	0.09	3.85	3	2.76	2.55	2.35	2.13	1.9	1.67	1.44	1.2	0.94	0.68	0.42	0.22	0.08	0	2.5
1.7	1.46	1.22	0.97	0.69	0.44																			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.91	1.64	1.35	1.05	0.73	0.43	0.22	0.08	4.79	4.15	3.92	3.67	3.4	3.08	2.74	2.39	2.03	1.66	1.26	0.86	0.5	0.24	0.08	0	1.72
1.91	1.64	1.35	1.04	0.72	0.43	0.21	0.08	4.84	4.2	3.96	3.71	3.43	3.12	2.77	2.41	2.04	1.67	1.27	0.86	0.5	0.24	0.08	0	2.1
1.92	1.64	1.35	1.04	0.72	0.43	0.21	0.08	4.88	4.25	4.01	3.76	3.47	3.15	2.8	2.43	2.06	1.67	1.27	0.86	0.49	0.24	0.08	0	2.49
1.92	1.65	1.35	1.04	0.72	0.42	0.21	0.08	4.92	4.3	4.05	3.79	3.51	3.18	2.82	2.45	2.07	1.68	1.27	0.86	0.49	0.23	0.08	0	2.5
1.93	1.65	1.35	1.04	0.72	0.42	0.21	0.08	4.95	4.33	4.08	3.82	3.53	3.2	2.84	2.46	2.08	1.69	1.27	0.86	0.49	0.23	0.08	0	2.17
1.93	1.65	1.35	1.04	0.72	0.42	0.21	0.07	4.97	4.36	4.11	3.85	3.56	3.23	2.86	2.48	2.1	1.7	1.28	0.86	0.49	0.23	0.08	0	1.64
1.93	1.65	1.35	1.04	0.71	0.42	0.2	0.07	4.98	4.38	4.13	3.87	3.57	3.24	2.88	2.49	2.11	1.7	1.28	0.86	0.49	0.23	0.08	0	1.93
1.94	1.65	1.35	1.03	0.71	0.42	0.2	0.07	4.99	4.41	4.15	3.89	3.59	3.26	2.89	2.51	2.11	1.71	1.28	0.86	0.49	0.23	0.08	0	2.08
1.94	1.65	1.35	1.03	0.71	0.41	0.2	0.07	4.99	4.43	4.17	3.91	3.61	3.27	2.9	2.51	2.12	1.71	1.29	0.86	0.49	0.23	0.08	0	2.31
1.94	1.65	1.35	1.03	0.71	0.41	0.2	0.07	5.01	4.45	4.18	3.92	3.62	3.29	2.91	2.52	2.13	1.72	1.29	0.86	0.49	0.23	0.08	0	2.23
1.94	1.65	1.35	1.03	0.7	0.41	0.2	0.07	5.02	4.47	4.2	3.94	3.64	3.3	2.92	2.53	2.13	1.72	1.28	0.86	0.48	0.22	0.08	0	1.88
1.94	1.65	1.34	1.02	0.7	0.41	0.19	0.07	5.03	4.48	4.2	3.95	3.65	3.3	2.93	2.53	2.13	1.72	1.28	0.86	0.48	0.22	0.08	0	2.23
1.93	1.64	1.34	1.02	0.7	0.4	0.19	0.07	5.03	4.49	4.21	3.95	3.65	3.31	2.93	2.54	2.13	1.71	1.28	0.85	0.48	0.22	0.08	0	2.54
1.93	1.64	1.34	1.01	0.69	0.4	0.19	0.07	5.02	4.49	4.2	3.95	3.65	3.31	2.93	2.53	2.13	1.71	1.27	0.85	0.47	0.22	0.07	0	2.54
1.92	1.64	1.33	1.01	0.69	0.4	0.19	0.07	5.02	4.48	4.19	3.95	3.65	3.3	2.92	2.53	2.13	1.71	1.27	0.85	0.47	0.22	0.07	0	2.04
1.92	1.63	1.33	1.01	0.69	0.39	0.19	0.07	5.01	4.47	4.18	3.94	3.64	3.3	2.92	2.53	2.13	1.71	1.27	0.85	0.47	0.22	0.07	0	1.82
1.91	1.63	1.33	1	0.68	0.39	0.19	0.07	5	4.46	4.18	3.93	3.63	3.29	2.91	2.53	2.13	1.71	1.27	0.84	0.47	0.21	0.07	0	2.4
1.91	1.62	1.32	1	0.68	0.39	0.19	0.06	5	4.45	4.17	3.92	3.62	3.28	2.91	2.52	2.12	1.71	1.27	0.84	0.47	0.21	0.07	0	2.5
1.9	1.62	1.32	1	0.68	0.39	0.18	0.06	5.01	4.45	4.17	3.92	3.62	3.28	2.91	2.52	2.12	1.71	1.27	0.84	0.47	0.21	0.07	0	2.46
1.9	1.61	1.32	1	0.67	0.39	0.18	0.06	5.02	4.44	4.18	3.92	3.62	3.28	2.91	2.52	2.12	1.71	1.27	0.84	0.47	0.21	0.07	0	1.91
1.89	1.61	1.31	1	0.67	0.39	0.18	0.06	5.05	4.45	4.19	3.92	3.63	3.28	2.91	2.51	2.11	1.7	1.27	0.83	0.47	0.21	0.07	0	2.14
1.89	1.61	1.31	1	0.67	0.39	0.18	0.06	5.07	4.46	4.2	3.93	3.63	3.28	2.91	2.51	2.11	1.7	1.27	0.83	0.47	0.21	0.07	0	2.35
1.89	1.61	1.31	1	0.67	0.39	0.18	0.06	5.09	4.46	4.21	3.93	3.63	3.28	2.91	2.51	2.11	1.7	1.27	0.84	0.47	0.21	0.07	0	2.27
1.89	1.61	1.31	1	0.67	0.39	0.18	0.06	5.09	4.45	4.21	3.93	3.63	3.28	2.91	2.51	2.11	1.71	1.28	0.84	0.47	0.21	0.07	0	2.11
1.89	1.61	1.31	1	0.67	0.39	0.18	0.06	5.08	4.44	4.2	3.92	3.62	3.27	2.9	2.51	2.11	1.71	1.28	0.84	0.47	0.21	0.07	0	2.19
1.89	1.61	1.32	1.01	0.68	0.39	0.18	0.06	5.05	4.42	4.19	3.91	3.61	3.27	2.89	2.51	2.11	1.71	1.29	0.85	0.47	0.21	0.07	0	2.1
1.89	1.61	1.32	1.01	0.68	0.39	0.18	0.06	5.02	4.41	4.17	3.89	3.59	3.25	2.89	2.5	2.11	1.71	1.29	0.85	0.47	0.22	0.07	0	1.72
1.89	1.62	1.33	1.02	0.69	0.39	0.19	0.07	4.99	4.39	4.15	3.88	3.58	3.25	2.88	2.5	2.11	1.72	1.29	0.86	0.48	0.22	0.07	0	2.41
1.9	1.62	1.34	1.02	0.69	0.4	0.19	0.07	4.97	4.39	4.14	3.87	3.58	3.24	2.88	2.5	2.11	1.72	1.3	0.86	0.48	0.22	0.07	0	2.55
1.91	1.63	1.35	1.03	0.7	0.41	0.19	0.07	4.97	4.39	4.14	3.87	3.58	3.24	2.88	2.5	2.12	1.72	1.3	0.86	0.49	0.23	0.08	0	2.58
1.93	1.65	1.36	1.04	0.71	0.41	0.2	0.07	4.98	4.4	4.14	3.88	3.58	3.25	2.88	2.5	2.12	1.73	1.3	0.87	0.49	0.23	0.08	0	2.29
1.94	1.66	1.37	1.05	0.71	0.42	0.2	0.07	4.99	4.41	4.15	3.89	3.59	3.25	2.88	2.5	2.12	1.73	1.3	0.87	0.5	0.23	0.08	0	1.46
1.96	1.67	1.38	1.05	0.72	0.42	0.21	0.07	5	4.41	4.15	3.89	3.59	3.25	2.88	2.5	2.12	1.72	1.3	0.87	0.5	0.24	0.08	0	2.44
1.97	1.68	1.38	1.06	0.72	0.42	0.21	0.07	5	4.41	4.14	3.88	3.58	3.24	2.87	2.49	2.11	1.71	1.29	0.87	0.5	0.24	0.08	0	2.68
1.98	1.69	1.39	1.06	0.73	0.43	0.21	0.07	4.98	4.39	4.13	3.87	3.57	3.23	2.86	2.48	2.1	1.71	1.29	0.87	0.5	0.24	0.08	0	2.7
1.99	1.7	1.39	1.06	0.73	0.43	0.21	0.07	4.95	4.37	4.11	3.85	3.55	3.22	2.85	2.47	2.09	1.7	1.28	0.87	0.5	0.24	0.08	0	2.41
2	1.71	1.4	1.07	0.74	0.44	0.21	0.08	4.92	4.35	4.09	3.83	3.54	3.2	2.83	2.46	2.08	1.69	1.28	0.87	0.5	0.24	0.08	0	1.59
2.01	1.72	1.41	1.08	0.75	0.44	0.22	0.08	4.89	4.33	4.06	3.81	3.52	3.18	2.82	2.44	2.07	1.68	1.27	0.87	0.5	0.24	0.08	0	2.43
2.03	1.73	1.42	1.09	0.76	0.45	0.22	0.08	4.87	4.32	4.05	3.8	3.5	3.17	2.81	2.44	2.06	1.68	1.27	0.88	0.51	0.25	0.09	0	2.61
2.04	1.74	1.43	1.1	0.77	0.46	0.23	0.08	4.87	4.32	4.04	3.79	3.5	3.17	2.8	2.43	2.06	1.68	1.27	0.88	0.52	0.25	0.09	0	2.53
2.07	1.76	1.45	1.11	0.78	0.47	0.23	0.08	4.9	4.33	4.05	3.8	3.51	3.17	2.81	2.43	2.06	1.68	1.28	0.89	0.53	0.25	0.09	0	2.36
2.1	1.79	1.47	1.13	0.8	0.48	0.24	0.09	4.94	4.36	4.07	3.82	3.52	3.19	2.82	2.44	2.07	1.69	1.29	0.9	0.54	0.26	0.09	0	1.78
2.13	1.81	1.49	1.15	0.81	0.5	0.25	0.09	4.99	4.39	4.09	3.84	3.54	3.2	2.83	2.45	2.08	1.7	1.3	0.91	0.55	0.27	0.1	0	2.26
2.16	1.84	1.51	1.17	0.83	0.51	0.25	0.09	5.03	4.41	4.11	3.86	3.55	3.21	2.84	2.46	2.08	1.7	1.31	0.91	0.55	0.27	0.1	0	2.41
2.19	1.86	1.53	1.19	0.84	0.52	0.26	0.09	5.06	4.43	4.12	3.86	3.56	3.22	2.85	2.47	2.09	1.71	1.31	0.92	0.56	0.28	0.1	0	2.36
2.21	1.88	1.55	1.2	0.85	0.52	0.26	0.1	5.08	4.44	4.13	3.87	3.56	3.22	2.85	2.47	2.08	1.7	1.31	0.92	0.56	0.28	0.1	0	1.77
2.24	1.9	1.56	1.21	0.86	0.53	0.27	0.1	5.09	4.44	4.13	3.86	3.56	3.22	2.85	2.46	2.08	1.7	1.31	0.92	0.56	0.28	0.1	0	1.59
2.26	1.92	1.57	1.22	0.86	0.53	0.27	0.1	5.08	4.43	4.11	3.85	3.55	3.21	2.84	2.46	2.08	1.69	1.31	0.92	0.56	0.28	0.1	0	2.19
2.27	1.93	1.58	1.23	0.87	0.54	0.27	0.1	5.06	4.4	4.09	3.83	3.53	3.19	2.83	2.44	2.06	1.68	1.3	0.91	0.56	0.28	0.1	0	2.16
2.29	1.94	1.59	1.23	0.87	0.54	0.28	0.1	5.03	4.38	4.07	3.81	3.51	3.17	2.81	2.43	2.05	1.67	1.29	0.91	0.56	0.28	0.11	0	1.19
2.3	1.95	1.59	1.24	0.88	0.54	0.28	0.11	4.99	4.34	4.04	3.78	3.48	3.15	2.79	2.41	2.03	1.66	1.29	0.91	0.56	0.28	0.11	0	2.17
2.31	1.95	1.6	1.24	0.88	0.54	0.28	0.11	4.96	4.31	4.01	3.75	3.46	3.13	2.77	2.39	2.02	1.65	1.28	0.9	0.55	0.28	0.11	0	2.48
2.31	1.96	1.6	1.25	0.88	0.55	0.28	0.11	4.92	4.26	3.98	3.72	3.43	3.1	2.74	2.37	2	1.64	1.27	0.89	0.55	0.28	0.11	0	2.18
2.32	1.96	1.61	1.25	0.89	0.55	0.28	0.11	4.89	4.22	3.94	3.69	3.4	3.07	2.72	2.35	1.98	1.62	1.26	0.89	0.55	0.28	0.11	0	1.24
2.32	1.97	1.61	1.25	0.89	0.55	0.28	0.11																	

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.51	2.09	1.67	1.24	0.81	0.46	0.21	0.07	4.93	4.15	3.89	3.61	3.31	2.97	2.61	2.23	1.86	1.49	1.1	0.72	0.41	0.19	0.06	0	2.04
2.51	2.1	1.67	1.23	0.81	0.46	0.21	0.07	4.93	4.15	3.88	3.61	3.3	2.97	2.6	2.22	1.86	1.48	1.09	0.72	0.41	0.19	0.06	0	2.3
2.52	2.09	1.67	1.23	0.8	0.45	0.21	0.07	4.91	4.14	3.87	3.6	3.3	2.96	2.59	2.22	1.85	1.47	1.09	0.71	0.4	0.18	0.06	0	2.17
2.51	2.09	1.66	1.22	0.79	0.45	0.2	0.07	4.9	4.13	3.86	3.59	3.29	2.95	2.58	2.21	1.84	1.47	1.08	0.7	0.4	0.18	0.06	0	1.62
2.51	2.08	1.65	1.21	0.78	0.44	0.2	0.07	4.87	4.12	3.84	3.57	3.27	2.94	2.57	2.2	1.83	1.45	1.07	0.69	0.39	0.18	0.06	0	1.7
2.49	2.07	1.64	1.2	0.77	0.44	0.2	0.07	4.84	4.1	3.82	3.56	3.26	2.92	2.56	2.18	1.81	1.44	1.06	0.68	0.39	0.18	0.06	0	2.22
2.47	2.05	1.62	1.18	0.76	0.43	0.2	0.07	4.8	4.08	3.79	3.53	3.24	2.9	2.54	2.16	1.8	1.43	1.04	0.67	0.38	0.17	0.06	0	2.36
2.45	2.03	1.6	1.17	0.75	0.42	0.19	0.06	4.76	4.06	3.77	3.51	3.21	2.88	2.52	2.15	1.78	1.41	1.03	0.66	0.37	0.17	0.06	0	2.42
2.43	2.01	1.59	1.15	0.74	0.42	0.19	0.06	4.71	4.03	3.74	3.48	3.19	2.86	2.5	2.13	1.77	1.4	1.02	0.66	0.37	0.17	0.05	0	1.83
2.41	2	1.58	1.14	0.74	0.41	0.19	0.06	4.67	4.01	3.71	3.46	3.17	2.84	2.48	2.12	1.76	1.39	1.01	0.65	0.36	0.17	0.05	0	1.86
2.4	1.99	1.57	1.14	0.73	0.41	0.19	0.06	4.64	3.98	3.69	3.44	3.15	2.82	2.47	2.11	1.75	1.38	1	0.65	0.36	0.17	0.05	0	2.34
2.39	1.98	1.56	1.13	0.73	0.41	0.19	0.06	4.62	3.97	3.68	3.43	3.14	2.81	2.46	2.1	1.74	1.38	1	0.65	0.36	0.17	0.05	0	2.33
2.37	1.97	1.55	1.12	0.72	0.4	0.19	0.06	4.62	3.96	3.67	3.42	3.13	2.81	2.45	2.09	1.74	1.37	0.99	0.64	0.36	0.17	0.05	0	2.42
2.36	1.96	1.54	1.11	0.72	0.4	0.19	0.06	4.62	3.96	3.67	3.42	3.13	2.8	2.45	2.09	1.73	1.37	0.99	0.64	0.35	0.16	0.05	0	2.34
2.36	1.95	1.53	1.11	0.71	0.4	0.18	0.06	4.64	3.97	3.68	3.42	3.13	2.8	2.45	2.09	1.73	1.36	0.98	0.63	0.35	0.16	0.05	0	1.81
2.35	1.94	1.53	1.1	0.7	0.39	0.18	0.06	4.66	3.97	3.68	3.42	3.13	2.8	2.45	2.08	1.72	1.36	0.98	0.63	0.35	0.16	0.05	0	2.11
2.34	1.93	1.52	1.09	0.7	0.39	0.18	0.06	4.69	3.98	3.68	3.42	3.13	2.8	2.44	2.08	1.72	1.35	0.98	0.62	0.35	0.16	0.05	0	2.51
2.33	1.92	1.51	1.09	0.7	0.39	0.18	0.06	4.7	3.98	3.68	3.42	3.13	2.8	2.44	2.07	1.71	1.35	0.97	0.62	0.35	0.16	0.05	0	2.43
2.32	1.91	1.5	1.09	0.69	0.38	0.18	0.06	4.7	3.97	3.67	3.41	3.12	2.79	2.43	2.07	1.71	1.34	0.97	0.62	0.34	0.16	0.05	0	2.13
2.3	1.9	1.49	1.08	0.69	0.38	0.18	0.06	4.68	3.96	3.64	3.39	3.1	2.77	2.42	2.05	1.7	1.33	0.97	0.62	0.34	0.16	0.05	0	1.34
2.28	1.88	1.48	1.07	0.69	0.38	0.18	0.06	4.64	3.93	3.61	3.36	3.07	2.75	2.4	2.04	1.68	1.32	0.96	0.62	0.34	0.16	0.05	0	1.41
2.26	1.86	1.47	1.07	0.69	0.39	0.18	0.06	4.6	3.89	3.58	3.33	3.04	2.72	2.37	2.02	1.67	1.31	0.96	0.62	0.35	0.16	0.05	0	1.95
2.24	1.85	1.46	1.06	0.69	0.39	0.18	0.06	4.55	3.86	3.55	3.3	3.01	2.7	2.35	2	1.66	1.31	0.95	0.62	0.35	0.16	0.05	0	2
2.22	1.83	1.45	1.06	0.69	0.39	0.18	0.06	4.49	3.82	3.52	3.27	2.99	2.67	2.33	1.98	1.64	1.3	0.95	0.62	0.35	0.16	0.05	0	2.04
2.2	1.82	1.44	1.05	0.69	0.39	0.18	0.06	4.44	3.78	3.49	3.24	2.96	2.65	2.31	1.97	1.63	1.29	0.95	0.62	0.35	0.16	0.05	0	1.28
2.19	1.81	1.43	1.05	0.69	0.39	0.18	0.06	4.4	3.76	3.47	3.22	2.94	2.63	2.3	1.96	1.63	1.29	0.94	0.62	0.35	0.16	0.06	0	1.58
2.18	1.81	1.43	1.05	0.69	0.4	0.18	0.06	4.38	3.74	3.46	3.21	2.93	2.62	2.29	1.95	1.62	1.28	0.94	0.62	0.36	0.16	0.06	0	1.49
2.17	1.8	1.43	1.05	0.69	0.4	0.18	0.06	4.36	3.72	3.45	3.2	2.92	2.61	2.28	1.95	1.62	1.28	0.94	0.62	0.36	0.16	0.06	0	1.76
2.17	1.8	1.42	1.05	0.69	0.4	0.18	0.06	4.36	3.71	3.44	3.19	2.91	2.61	2.28	1.94	1.61	1.28	0.94	0.62	0.36	0.16	0.06	0	1.75
2.17	1.8	1.42	1.05	0.69	0.4	0.18	0.06	4.36	3.7	3.43	3.18	2.9	2.6	2.27	1.94	1.61	1.27	0.94	0.62	0.36	0.16	0.06	0	1.6
2.17	1.79	1.42	1.05	0.69	0.4	0.18	0.06	4.36	3.69	3.43	3.17	2.89	2.59	2.26	1.93	1.6	1.27	0.94	0.62	0.36	0.16	0.06	0	1.89
2.17	1.79	1.42	1.04	0.69	0.4	0.18	0.07	4.37	3.69	3.42	3.16	2.89	2.59	2.26	1.93	1.59	1.26	0.93	0.62	0.35	0.16	0.06	0	2.17
2.16	1.79	1.42	1.04	0.69	0.4	0.18	0.06	4.37	3.68	3.41	3.15	2.88	2.58	2.25	1.92	1.59	1.26	0.93	0.61	0.35	0.16	0.06	0	1.75
2.16	1.79	1.41	1.04	0.69	0.39	0.18	0.06	4.38	3.67	3.4	3.14	2.86	2.57	2.24	1.91	1.58	1.25	0.92	0.61	0.35	0.16	0.06	0	2.05
2.16	1.78	1.41	1.04	0.68	0.39	0.18	0.06	4.39	3.66	3.39	3.13	2.85	2.55	2.23	1.9	1.57	1.24	0.91	0.6	0.35	0.16	0.06	0	2.15
2.15	1.77	1.4	1.03	0.68	0.39	0.18	0.06	4.4	3.65	3.37	3.11	2.83	2.53	2.21	1.88	1.56	1.23	0.91	0.6	0.34	0.16	0.05	95.6	1.45
2.14	1.77	1.39	1.02	0.67	0.38	0.18	0.06	4.41	3.64	3.35	3.09	2.81	2.52	2.19	1.87	1.54	1.22	0.9	0.59	0.34	0.16	0.05	0	1.55
2.13	1.75	1.39	1.02	0.67	0.38	0.17	0.06	4.42	3.63	3.33	3.07	2.79	2.5	2.18	1.85	1.53	1.21	0.89	0.59	0.33	0.15	0.05	0	1.72
2.11	1.74	1.38	1.01	0.66	0.37	0.17	0.06	4.43	3.62	3.31	3.05	2.77	2.48	2.16	1.84	1.52	1.2	0.88	0.58	0.33	0.15	0.05	0	2
2.1	1.73	1.37	1	0.66	0.37	0.17	0.06	4.44	3.6	3.29	3.03	2.76	2.46	2.14	1.82	1.51	1.19	0.87	0.57	0.32	0.15	0.05	0	2.19
2.09	1.72	1.36	0.99	0.65	0.36	0.16	0.05	4.46	3.6	3.28	3.02	2.74	2.45	2.13	1.81	1.5	1.19	0.87	0.57	0.32	0.14	0.05	0	1.32
2.08	1.72	1.35	0.99	0.65	0.35	0.16	0.05	4.48	3.59	3.28	3.01	2.73	2.44	2.12	1.81	1.5	1.18	0.86	0.57	0.31	0.14	0.05	0	2.24
2.07	1.71	1.35	0.98	0.65	0.35	0.16	0.05	4.5	3.59	3.28	3.01	2.73	2.44	2.12	1.8	1.49	1.18	0.86	0.57	0.31	0.14	0.05	0	2.46
2.06	1.71	1.35	0.98	0.64	0.35	0.16	0.05	4.52	3.6	3.29	3.01	2.73	2.44	2.12	1.81	1.49	1.18	0.86	0.57	0.31	0.14	0.04	0	2.2
2.06	1.7	1.34	0.98	0.64	0.35	0.16	0.05	4.54	3.61	3.3	3.02	2.74	2.44	2.13	1.81	1.5	1.19	0.87	0.57	0.31	0.14	0.04	0	1.87
2.05	1.7	1.34	0.98	0.64	0.35	0.16	0.05	4.56	3.63	3.31	3.03	2.75	2.45	2.13	1.81	1.5	1.19	0.87	0.57	0.31	0.14	0.04	0	2.46
2.05	1.69	1.34	0.98	0.64	0.35	0.16	0.05	4.57	3.64	3.32	3.04	2.76	2.46	2.14	1.82	1.5	1.19	0.87	0.57	0.31	0.14	0.04	0	2.34
2.04	1.69	1.34	0.98	0.64	0.35	0.15	0.05	4.6	3.66	3.34	3.06	2.77	2.46	2.14	1.82	1.51	1.2	0.88	0.57	0.31	0.14	0.04	0	1.85
2.04	1.69	1.34	0.99	0.64	0.35	0.16	0.05	4.62	3.69	3.35	3.07	2.78	2.47	2.15	1.83	1.52	1.2	0.89	0.57	0.31	0.14	0.04	0	1.7
2.04	1.69	1.34	0.99	0.64	0.35	0.16	0.05	4.66	3.71	3.37	3.09	2.8	2.49	2.16	1.84	1.52	1.21	0.89	0.58	0.31	0.14	0.04	0	2.16
2.04	1.69	1.35	0.99	0.64	0.35	0.16	0.05	4.71	3.74	3.4	3.11	2.81	2.5	2.17	1.85	1.53	1.22	0.9	0.58	0.32	0.14	0.04	0	2.25
2.05	1.69	1.35	1	0.65	0.35	0.16	0.05	4.77	3.78	3.42	3.13	2.83	2.52	2.19	1.86	1.54	1.22	0.9	0.59	0.32	0.14	0.04	0	1.88
2.05	1.7	1.35	1	0.65	0.36	0.16	0.05	4.84	3.82	3.45	3.16	2.85	2.54	2.2	1.87	1.55	1.23	0.91	0.59	0.32	0.15	0.05	0	1.9
2.06	1.7	1.35	1	0.65	0.36	0.16	0.05	4.91	3.86	3.49	3.19	2.88	2.55	2.22	1.88	1.55	1.24	0.91	0.59	0.33	0.15	0.05	0	1.34
2.06	1.71	1.35	1	0.65	0.36</																			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.01	1.65	1.29	0.91	0.57	0.3	0.13	0.04	5.06	4.13	3.8	3.49	3.17	2.83	2.45	2.06	1.68	1.3	0.92	0.57	0.29	0.12	0.03	0	1.43
2	1.65	1.28	0.91	0.57	0.3	0.13	0.04	5.04	4.12	3.8	3.49	3.17	2.82	2.44	2.06	1.68	1.3	0.92	0.57	0.29	0.12	0.03	0	1.36
2	1.64	1.28	0.91	0.57	0.3	0.13	0.04	5	4.1	3.79	3.48	3.17	2.82	2.44	2.06	1.68	1.3	0.92	0.56	0.29	0.12	0.03	0	1.43
2	1.64	1.28	0.91	0.56	0.3	0.12	0.04	4.97	4.09	3.77	3.47	3.16	2.81	2.43	2.05	1.68	1.3	0.91	0.56	0.29	0.12	0.03	0	2.02
1.99	1.63	1.27	0.9	0.56	0.29	0.12	0.04	4.94	4.07	3.76	3.46	3.15	2.8	2.43	2.05	1.67	1.29	0.91	0.56	0.29	0.12	0.03	0	2.18
1.99	1.63	1.27	0.9	0.55	0.29	0.12	0.03	4.91	4.06	3.74	3.44	3.14	2.79	2.42	2.04	1.66	1.29	0.9	0.55	0.29	0.12	0.03	0	2.23
1.99	1.63	1.27	0.89	0.55	0.29	0.12	0.03	4.88	4.05	3.73	3.43	3.13	2.78	2.41	2.03	1.65	1.28	0.89	0.55	0.28	0.11	0.03	0	1.96
1.99	1.62	1.26	0.89	0.55	0.29	0.12	0.03	4.86	4.04	3.71	3.42	3.11	2.77	2.4	2.02	1.64	1.27	0.89	0.54	0.28	0.11	0.03	0	1.36
1.98	1.62	1.26	0.88	0.54	0.29	0.12	0.03	4.83	4.03	3.69	3.41	3.1	2.76	2.39	2.01	1.64	1.26	0.88	0.54	0.28	0.11	0.03	0	1.9
1.98	1.62	1.25	0.88	0.54	0.28	0.11	0.03	4.81	4.01	3.67	3.39	3.09	2.74	2.37	2	1.63	1.25	0.87	0.53	0.27	0.11	0.03	0	2.38
1.98	1.62	1.25	0.87	0.54	0.28	0.11	0.03	4.78	3.99	3.64	3.37	3.07	2.73	2.36	1.98	1.62	1.24	0.86	0.52	0.27	0.11	0.03	0	2.39
1.97	1.61	1.25	0.87	0.53	0.27	0.11	0.03	4.75	3.97	3.61	3.34	3.04	2.71	2.34	1.97	1.61	1.23	0.86	0.52	0.26	0.1	0.03	0	2.3
1.97	1.61	1.24	0.86	0.53	0.27	0.11	0.03	4.71	3.93	3.58	3.32	3.02	2.69	2.33	1.96	1.6	1.23	0.85	0.51	0.26	0.1	0.03	0	1.63
1.96	1.61	1.24	0.86	0.52	0.27	0.1	0.03	4.69	3.9	3.56	3.29	3	2.67	2.31	1.95	1.59	1.22	0.84	0.51	0.25	0.1	0.03	0	1.87
1.96	1.6	1.23	0.86	0.52	0.26	0.1	0.03	4.67	3.87	3.54	3.26	2.98	2.65	2.3	1.94	1.58	1.21	0.84	0.5	0.25	0.09	0.03	0	2.3
1.96	1.6	1.23	0.85	0.52	0.26	0.1	0.03	4.66	3.85	3.52	3.25	2.96	2.64	2.29	1.93	1.57	1.21	0.83	0.5	0.25	0.09	0.03	0	2.32
1.96	1.6	1.23	0.85	0.52	0.26	0.1	0.03	4.66	3.83	3.5	3.23	2.94	2.62	2.27	1.92	1.57	1.2	0.83	0.5	0.25	0.09	0.03	0	2.08
1.95	1.6	1.23	0.85	0.51	0.26	0.1	0.03	4.68	3.82	3.5	3.22	2.93	2.61	2.26	1.91	1.56	1.19	0.82	0.49	0.24	0.09	0.03	0	1.4
1.95	1.59	1.22	0.85	0.51	0.25	0.1	0.03	4.7	3.82	3.49	3.21	2.92	2.6	2.25	1.9	1.55	1.19	0.82	0.49	0.24	0.09	0.02	0	1.98
1.95	1.59	1.22	0.84	0.51	0.25	0.09	0.03	4.73	3.82	3.48	3.2	2.91	2.59	2.25	1.89	1.54	1.18	0.81	0.48	0.24	0.09	0.02	0	1.84
1.95	1.59	1.21	0.84	0.5	0.25	0.09	0.03	4.77	3.83	3.48	3.2	2.91	2.59	2.24	1.89	1.54	1.17	0.81	0.48	0.23	0.08	0.02	0	1.66
1.95	1.59	1.21	0.84	0.5	0.24	0.09	0.02	4.81	3.85	3.48	3.2	2.91	2.58	2.24	1.88	1.53	1.17	0.8	0.48	0.23	0.08	0.02	0	1.75
1.94	1.58	1.21	0.83	0.5	0.24	0.09	0.02	4.85	3.86	3.48	3.2	2.9	2.58	2.23	1.88	1.53	1.16	0.8	0.47	0.23	0.08	0.02	0	1.74
1.95	1.58	1.21	0.83	0.5	0.24	0.09	0.02	4.88	3.87	3.49	3.2	2.9	2.58	2.23	1.88	1.52	1.16	0.79	0.47	0.22	0.08	0.02	0	1.56
1.95	1.58	1.21	0.83	0.49	0.24	0.09	0.02	4.9	3.88	3.49	3.2	2.9	2.58	2.23	1.88	1.52	1.16	0.79	0.47	0.22	0.08	0.02	0	1.54
1.95	1.58	1.21	0.83	0.5	0.24	0.09	0.02	4.92	3.88	3.49	3.2	2.9	2.58	2.23	1.87	1.52	1.16	0.79	0.47	0.22	0.08	0.02	322.8	0.87
1.95	1.58	1.21	0.83	0.5	0.24	0.09	0.02	4.92	3.87	3.49	3.2	2.9	2.57	2.23	1.87	1.52	1.16	0.79	0.47	0.22	0.08	0.02	0	1.28
1.95	1.59	1.21	0.83	0.5	0.24	0.09	0.02	4.9	3.86	3.48	3.19	2.89	2.57	2.23	1.87	1.52	1.16	0.79	0.47	0.23	0.08	0.02	0	1.43
1.95	1.59	1.21	0.83	0.5	0.24	0.09	0.02	4.88	3.85	3.47	3.18	2.88	2.57	2.22	1.87	1.51	1.15	0.79	0.47	0.23	0.09	0.02	0	1.58
1.95	1.59	1.21	0.83	0.5	0.24	0.09	0.02	4.85	3.83	3.47	3.17	2.87	2.56	2.22	1.87	1.51	1.15	0.79	0.47	0.23	0.09	0.02	0	1.98
1.96	1.59	1.21	0.83	0.5	0.24	0.09	0.02	4.82	3.81	3.45	3.16	2.86	2.55	2.22	1.86	1.51	1.15	0.79	0.47	0.23	0.09	0.02	0	1.72
1.96	1.59	1.21	0.83	0.49	0.24	0.09	0.02	4.8	3.8	3.45	3.15	2.86	2.55	2.21	1.86	1.51	1.14	0.78	0.46	0.22	0.09	0.02	0	2.14
1.96	1.59	1.21	0.82	0.49	0.24	0.09	0.02	4.79	3.79	3.44	3.14	2.85	2.54	2.21	1.86	1.5	1.14	0.78	0.46	0.22	0.09	0.02	0	2.63
1.96	1.59	1.2	0.82	0.48	0.24	0.09	0.02	4.79	3.78	3.44	3.14	2.85	2.54	2.2	1.85	1.5	1.13	0.77	0.45	0.22	0.08	0.02	0	2.62
1.96	1.59	1.2	0.81	0.48	0.23	0.09	0.02	4.8	3.78	3.44	3.14	2.85	2.54	2.2	1.85	1.49	1.12	0.76	0.44	0.22	0.08	0.02	0	1.94
1.97	1.59	1.19	0.81	0.47	0.23	0.09	0.02	4.81	3.78	3.43	3.13	2.84	2.53	2.2	1.85	1.49	1.11	0.75	0.44	0.21	0.09	0.02	202	2.46
1.97	1.58	1.19	0.8	0.47	0.23	0.1	0.02	4.81	3.77	3.42	3.12	2.83	2.52	2.19	1.84	1.48	1.11	0.74	0.43	0.21	0.09	0.02	0	2.67
1.96	1.58	1.18	0.8	0.47	0.23	0.1	0.03	4.79	3.75	3.4	3.1	2.81	2.51	2.17	1.83	1.47	1.1	0.74	0.43	0.21	0.09	0.02	0	2.61
1.95	1.57	1.17	0.79	0.47	0.23	0.1	0.03	4.76	3.72	3.37	3.07	2.79	2.48	2.15	1.81	1.45	1.09	0.73	0.43	0.21	0.09	0.02	0	2.57
1.93	1.55	1.16	0.78	0.46	0.23	0.1	0.03	4.71	3.67	3.32	3.03	2.75	2.45	2.13	1.79	1.43	1.07	0.72	0.43	0.21	0.09	0.02	0	1.79
1.91	1.54	1.15	0.78	0.46	0.23	0.1	0.03	4.65	3.62	3.28	2.99	2.71	2.42	2.1	1.76	1.42	1.06	0.71	0.42	0.21	0.09	0.02	0	1.75
1.89	1.52	1.14	0.77	0.46	0.23	0.1	0.03	4.6	3.58	3.23	2.95	2.67	2.39	2.07	1.74	1.4	1.05	0.71	0.42	0.21	0.09	0.02	0	2.39
1.88	1.51	1.14	0.77	0.46	0.24	0.1	0.03	4.56	3.54	3.2	2.92	2.65	2.36	2.05	1.72	1.39	1.04	0.71	0.42	0.21	0.09	0.02	0	2.62
1.87	1.5	1.13	0.77	0.46	0.24	0.1	0.03	4.54	3.52	3.17	2.89	2.62	2.34	2.03	1.71	1.37	1.03	0.7	0.42	0.21	0.09	0.02	0	2.59
1.86	1.5	1.12	0.76	0.46	0.24	0.1	0.03	4.54	3.51	3.15	2.88	2.61	2.32	2.02	1.7	1.36	1.02	0.69	0.42	0.21	0.09	0.02	0	2.47
1.86	1.49	1.12	0.76	0.46	0.23	0.1	0.03	4.55	3.5	3.15	2.87	2.6	2.31	2.01	1.69	1.35	1.01	0.69	0.41	0.21	0.09	0.02	0	1.63
1.85	1.49	1.11	0.75	0.45	0.23	0.1	0.03	4.57	3.51	3.14	2.86	2.59	2.31	2	1.68	1.35	1.01	0.68	0.41	0.2	0.09	0.02	0	2.33
1.85	1.48	1.11	0.74	0.45	0.23	0.1	0.03	4.59	3.51	3.14	2.86	2.58	2.3	1.99	1.67	1.34	1	0.67	0.4	0.2	0.08	0.02	0	2.52
1.85	1.48	1.1	0.74	0.44	0.22	0.09	0.03	4.6	3.51	3.14	2.85	2.58	2.3	1.98	1.66	1.33	0.99	0.66	0.4	0.2	0.08	0.02	0	2.54
1.85	1.48	1.1	0.74	0.44	0.22	0.09	0.02	4.62	3.51	3.13	2.85	2.57	2.29	1.98	1.66	1.33	0.98	0.66	0.39	0.2	0.08	0.02	0	1.81
1.85	1.48	1.1	0.73	0.44	0.22	0.09	0.02	4.63	3.51	3.13	2.84	2.57	2.28	1.97	1.65	1.32	0.98	0.66	0.39	0.2	0.08	0.02	0	1.57
1.85	1.47	1.09	0.73	0.43	0.22	0.09	0.02	4.64	3.51	3.13	2.84	2.56	2.28	1.97	1.65	1.32	0.98	0.65	0.39	0.19	0.08	0.02	0	2.15
1.84	1.47	1.09	0.73	0.43	0.22	0.09	0.02	4.65	3.5	3.13	2.84	2.56	2.28	1.96	1.64	1.31	0.97	0.65	0.38	0.19	0.08	0.02	0	2.33
1.84	1.46	1.08	0.72	0.43	0.21	0.09	0.02	4.65	3.5	3.12	2.83	2.56	2.27	1.96	1.64	1.31	0.97	0.64	0.38	0.19	0.08	0.02	0	2.13
1.83	1.46	1.07	0.71	0.42	0.21	0																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.7	1.38	1.06	0.73	0.44	0.22	0.09	0.02	5.22	4.35	3.98	3.67	3.33	2.96	2.55	2.13	1.72	1.29	0.87	0.51	0.25	0.1	0.02	0	1.89
1.71	1.39	1.06	0.73	0.44	0.22	0.09	0.02	5.24	4.38	3.99	3.68	3.34	2.97	2.56	2.14	1.72	1.3	0.88	0.51	0.25	0.1	0.02	0	2.27
1.72	1.4	1.07	0.74	0.44	0.22	0.09	0.02	5.23	4.39	4	3.69	3.35	2.98	2.56	2.15	1.73	1.3	0.88	0.51	0.25	0.1	0.02	0	2.46
1.72	1.4	1.07	0.74	0.44	0.22	0.09	0.02	5.21	4.38	3.99	3.68	3.34	2.97	2.56	2.15	1.73	1.3	0.88	0.52	0.25	0.1	0.02	0	2.41
1.73	1.41	1.08	0.74	0.45	0.23	0.09	0.02	5.18	4.36	3.98	3.68	3.34	2.97	2.56	2.15	1.73	1.31	0.89	0.52	0.25	0.1	0.02	0	2.28
1.73	1.41	1.08	0.75	0.45	0.23	0.1	0.02	5.16	4.34	3.96	3.66	3.33	2.96	2.56	2.14	1.73	1.3	0.89	0.52	0.26	0.1	0.03	0	1.69
1.74	1.42	1.08	0.75	0.46	0.23	0.1	0.03	5.14	4.32	3.95	3.65	3.32	2.95	2.55	2.14	1.73	1.3	0.89	0.53	0.26	0.11	0.03	0	2.53
1.74	1.42	1.08	0.75	0.46	0.23	0.1	0.03	5.14	4.31	3.94	3.65	3.31	2.95	2.55	2.14	1.73	1.3	0.89	0.53	0.26	0.11	0.03	0	2.63
1.75	1.43	1.09	0.75	0.46	0.23	0.1	0.03	5.15	4.31	3.95	3.65	3.32	2.96	2.55	2.14	1.73	1.3	0.88	0.53	0.26	0.11	0.03	0	2.6
1.77	1.44	1.09	0.75	0.46	0.23	0.1	0.03	5.18	4.33	3.97	3.67	3.33	2.97	2.56	2.15	1.73	1.3	0.88	0.52	0.26	0.11	0.03	0	1.98
1.79	1.45	1.1	0.76	0.46	0.23	0.1	0.03	5.22	4.36	4	3.69	3.35	2.99	2.58	2.16	1.74	1.3	0.88	0.52	0.26	0.11	0.03	0	2.18
1.8	1.46	1.11	0.76	0.46	0.24	0.1	0.03	5.26	4.39	4.02	3.71	3.37	3.01	2.6	2.17	1.74	1.3	0.88	0.52	0.26	0.11	0.03	0	2.45
1.83	1.48	1.12	0.76	0.46	0.24	0.1	0.03	5.3	4.42	4.05	3.74	3.4	3.02	2.61	2.19	1.75	1.31	0.88	0.52	0.26	0.11	0.03	0	2.42
1.84	1.49	1.13	0.77	0.46	0.24	0.1	0.03	5.34	4.45	4.07	3.76	3.41	3.04	2.63	2.2	1.76	1.31	0.88	0.52	0.26	0.11	0.03	0	2.36
1.86	1.51	1.14	0.77	0.46	0.24	0.1	0.03	5.36	4.47	4.09	3.77	3.43	3.05	2.64	2.2	1.77	1.32	0.88	0.51	0.26	0.11	0.03	0	1.67
1.88	1.52	1.15	0.78	0.46	0.24	0.1	0.03	5.38	4.48	4.1	3.78	3.43	3.06	2.64	2.21	1.77	1.32	0.88	0.51	0.26	0.11	0.03	0	2.06
1.89	1.53	1.15	0.78	0.46	0.24	0.1	0.03	5.4	4.49	4.12	3.79	3.44	3.06	2.65	2.22	1.78	1.33	0.89	0.51	0.26	0.11	0.03	157	2.32
1.91	1.54	1.16	0.79	0.46	0.24	0.1	0.03	5.43	4.5	4.13	3.79	3.45	3.07	2.65	2.22	1.78	1.33	0.89	0.51	0.26	0.11	0.03	0	2.4
1.92	1.55	1.17	0.79	0.46	0.24	0.1	0.03	5.46	4.51	4.15	3.8	3.46	3.07	2.66	2.22	1.78	1.33	0.89	0.51	0.26	0.1	0.03	0	2.05
1.93	1.56	1.18	0.79	0.46	0.24	0.1	0.03	5.49	4.52	4.16	3.81	3.46	3.08	2.66	2.23	1.79	1.33	0.88	0.51	0.26	0.1	0.03	0	1.39
1.94	1.57	1.18	0.79	0.46	0.24	0.09	0.03	5.51	4.53	4.16	3.81	3.46	3.08	2.66	2.22	1.78	1.33	0.88	0.5	0.26	0.1	0.03	63.7	1.91
1.95	1.57	1.18	0.79	0.46	0.24	0.09	0.02	5.51	4.53	4.16	3.81	3.46	3.08	2.66	2.22	1.78	1.32	0.87	0.5	0.25	0.1	0.02	0	2.2
1.95	1.58	1.18	0.79	0.46	0.24	0.09	0.02	5.5	4.52	4.15	3.8	3.45	3.07	2.65	2.22	1.77	1.32	0.87	0.5	0.25	0.09	0.02	0	2.32
1.96	1.58	1.18	0.79	0.46	0.23	0.09	0.02	5.47	4.5	4.13	3.78	3.44	3.06	2.64	2.21	1.77	1.31	0.87	0.5	0.25	0.09	0.02	0	2.2
1.96	1.58	1.18	0.79	0.46	0.23	0.09	0.02	5.44	4.48	4.11	3.77	3.42	3.05	2.63	2.2	1.76	1.31	0.86	0.49	0.24	0.09	0.02	0	1.8
1.97	1.58	1.18	0.79	0.46	0.23	0.09	0.02	5.42	4.46	4.1	3.76	3.41	3.04	2.63	2.2	1.76	1.3	0.86	0.49	0.24	0.09	0.02	0	1.86
1.97	1.59	1.18	0.79	0.46	0.23	0.08	0.02	5.41	4.46	4.09	3.75	3.4	3.03	2.62	2.19	1.75	1.29	0.85	0.49	0.24	0.09	0.02	128.4	2.41
1.98	1.59	1.18	0.79	0.45	0.22	0.08	0.02	5.41	4.46	4.08	3.75	3.4	3.03	2.62	2.19	1.75	1.29	0.84	0.48	0.23	0.08	0.02	0	2.58
1.99	1.59	1.18	0.78	0.45	0.22	0.08	0.02	5.43	4.47	4.09	3.75	3.41	3.03	2.62	2.19	1.74	1.28	0.84	0.47	0.23	0.08	0.02	0	2.41
1.99	1.59	1.18	0.78	0.44	0.21	0.08	0.02	5.47	4.48	4.1	3.76	3.41	3.03	2.62	2.19	1.74	1.27	0.83	0.47	0.22	0.08	0.02	0	1.71
2	1.59	1.17	0.77	0.44	0.21	0.08	0.02	5.5	4.5	4.1	3.76	3.41	3.04	2.62	2.18	1.73	1.26	0.82	0.46	0.22	0.08	0.02	0	2.42
2	1.59	1.17	0.77	0.44	0.21	0.07	0.02	5.53	4.51	4.1	3.76	3.41	3.03	2.62	2.18	1.72	1.26	0.82	0.46	0.21	0.07	0.02	0	2.62
2	1.59	1.17	0.77	0.43	0.21	0.07	0.02	5.54	4.51	4.1	3.76	3.41	3.03	2.62	2.18	1.72	1.25	0.81	0.45	0.21	0.07	0.02	0	2.51
2	1.59	1.17	0.77	0.43	0.2	0.07	0.02	5.55	4.51	4.1	3.75	3.4	3.02	2.61	2.17	1.71	1.25	0.81	0.45	0.21	0.07	0.02	0	2.26
2	1.59	1.17	0.77	0.43	0.2	0.07	0.02	5.54	4.5	4.09	3.75	3.39	3.02	2.61	2.17	1.71	1.25	0.81	0.45	0.21	0.07	0.02	0	2.17
2	1.59	1.17	0.77	0.43	0.2	0.07	0.02	5.53	4.5	4.08	3.74	3.39	3.01	2.6	2.16	1.71	1.25	0.81	0.45	0.2	0.07	0.02	0	2.61
2	1.59	1.17	0.77	0.43	0.2	0.07	0.02	5.51	4.49	4.08	3.73	3.38	3	2.6	2.16	1.71	1.25	0.81	0.44	0.2	0.07	0.02	397.8	2.61
2	1.6	1.17	0.77	0.43	0.2	0.06	0.02	5.5	4.49	4.07	3.73	3.38	3	2.59	2.16	1.71	1.25	0.81	0.44	0.2	0.06	0.02	0	2.36
2	1.6	1.18	0.77	0.42	0.19	0.06	0.02	5.49	4.49	4.07	3.73	3.38	3	2.59	2.16	1.72	1.25	0.81	0.44	0.2	0.06	0.02	0	1.45
2	1.6	1.18	0.77	0.42	0.19	0.06	0.01	5.48	4.49	4.08	3.73	3.38	3	2.59	2.16	1.72	1.26	0.81	0.44	0.19	0.06	0.01	0	2.29
2.01	1.61	1.19	0.77	0.42	0.19	0.06	0.01	5.48	4.5	4.08	3.74	3.38	3	2.59	2.16	1.73	1.27	0.81	0.44	0.19	0.06	0.01	0	2.47
2.01	1.61	1.2	0.78	0.43	0.19	0.06	0.01	5.47	4.5	4.08	3.74	3.38	3	2.59	2.17	1.73	1.27	0.82	0.44	0.19	0.06	0.01	0	2.49
2.01	1.62	1.2	0.78	0.43	0.19	0.06	0.01	5.47	4.5	4.08	3.74	3.38	3	2.59	2.17	1.74	1.28	0.82	0.45	0.19	0.06	0.01	0	1.95
2.01	1.62	1.21	0.79	0.44	0.19	0.06	0.01	5.46	4.49	4.07	3.73	3.37	2.99	2.59	2.17	1.74	1.29	0.83	0.45	0.19	0.06	0.01	0	2.01
2.01	1.63	1.22	0.8	0.44	0.19	0.06	0.01	5.47	4.49	4.08	3.73	3.37	2.99	2.59	2.17	1.75	1.3	0.84	0.46	0.19	0.06	0.01	0	2.23
2.02	1.64	1.23	0.81	0.45	0.19	0.06	0.01	5.48	4.49	4.08	3.74	3.38	2.99	2.59	2.17	1.75	1.31	0.85	0.47	0.2	0.06	0.01	0	2.36
2.02	1.64	1.24	0.82	0.46	0.2	0.06	0.01	5.5	4.5	4.09	3.74	3.38	3	2.59	2.17	1.76	1.32	0.86	0.47	0.2	0.06	0.01	0	2.36
2.02	1.64	1.24	0.82	0.46	0.2	0.06	0.01	5.52	4.51	4.11	3.75	3.39	3	2.59	2.18	1.76	1.32	0.87	0.48	0.2	0.06	0.01	0	2.08
2.03	1.65	1.25	0.83	0.46	0.2	0.07	0.01	5.54	4.52	4.12	3.76	3.4	3.01	2.59	2.18	1.76	1.32	0.87	0.48	0.2	0.07	0.01	0	2.07
2.03	1.65	1.25	0.83	0.46	0.2	0.07	0.01	5.55	4.53	4.14	3.77	3.41	3.01	2.6	2.18	1.76	1.32	0.87	0.48	0.21	0.07	0.01	0	2.46
2.03	1.65	1.25	0.83	0.47	0.2	0.07	0.02	5.55	4.53	4.14	3.78	3.41	3.01	2.6	2.18	1.76	1.32	0.87	0.48	0.21	0.07	0.01	0	2.58
2.04	1.65	1.25	0.84	0.47	0.2	0.07	0.02	5.53	4.53	4.15	3.78	3.41	3.02	2.6	2.18	1.76	1.32	0.87	0.48	0.21	0.07	0.02	0	2.44
2.04	1.66	1.25	0.84	0.47	0.21	0.07	0.02	5.52	4.52	4.15	3.78	3.41	3.02	2.6	2.18	1.76	1.32	0.88	0.48	0.21	0.07	0.02	0	1.62
2.04	1.65	1.25	0.84	0.47	0.21	0.07	0.02	5.49	4.51	4.14	3.78	3.41	3.02	2.6	2.17	1.75	1.32	0.87	0.48	0.21	0.07	0.02	0	2.23
2.04	1.65	1.25	0.84	0.47	0.21	0.07	0.02	5.47																

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.07	1.55	1.04	0.59	0.26	0.09	0.02	0.008	5.66	4.5	4.04	3.63	3.21	2.78	2.32	1.87	1.4	0.94	0.54	0.24	0.08	0.02	0.008	0	1.43
2.05	1.53	1.02	0.57	0.25	0.08	0.02	0.007	5.66	4.5	4.03	3.62	3.2	2.76	2.31	1.85	1.38	0.92	0.52	0.23	0.08	0.02	0.007	0	2.22
2.04	1.51	1	0.56	0.24	0.08	0.02	0.006	5.66	4.5	4.02	3.61	3.19	2.75	2.29	1.83	1.36	0.91	0.51	0.22	0.07	0.01	0.006	0	2.02
2.02	1.5	0.98	0.54	0.23	0.07	0.01	0.005	5.66	4.5	4.02	3.61	3.18	2.73	2.28	1.81	1.35	0.89	0.49	0.21	0.07	0.01	0.005	0	1.66
2.01	1.48	0.97	0.53	0.22	0.07	0.01	0.005	5.66	4.5	4.02	3.61	3.17	2.73	2.27	1.8	1.34	0.88	0.48	0.2	0.06	0.01	0.005	0	1.95
2	1.47	0.96	0.52	0.21	0.06	0.01	0.005	5.67	4.51	4.02	3.61	3.17	2.72	2.26	1.79	1.32	0.87	0.47	0.2	0.06	0.01	0.005	0	1.42
1.99	1.46	0.94	0.51	0.21	0.06	0.01	0.005	5.68	4.52	4.02	3.61	3.17	2.72	2.25	1.79	1.31	0.86	0.46	0.19	0.06	0.01	0.005	0	2.14
1.98	1.45	0.93	0.5	0.2	0.06	0.01	0.005	5.68	4.52	4.02	3.62	3.17	2.72	2.25	1.78	1.31	0.85	0.45	0.18	0.05	0.01	0.005	0	2.07
1.97	1.44	0.92	0.49	0.2	0.06	0.01	0.004	5.68	4.53	4.02	3.62	3.17	2.72	2.25	1.77	1.3	0.84	0.45	0.18	0.05	0.01	0.004	0	1.35
1.97	1.43	0.91	0.48	0.19	0.05	0.01	0.004	5.68	4.53	4.03	3.62	3.17	2.72	2.24	1.77	1.29	0.83	0.44	0.18	0.05	0.01	0.004	0	2.04
1.96	1.42	0.91	0.48	0.19	0.05	0.01	0.003	5.68	4.54	4.03	3.62	3.18	2.72	2.24	1.77	1.28	0.82	0.43	0.18	0.05	0.01	0.003	0	2.21
1.95	1.41	0.9	0.47	0.19	0.05	0.01	0.002	5.69	4.54	4.03	3.62	3.18	2.72	2.24	1.76	1.28	0.82	0.43	0.17	0.05	0.01	0.002	0	1.99
1.95	1.41	0.89	0.47	0.19	0.05	0.01	0.002	5.7	4.55	4.04	3.63	3.18	2.73	2.25	1.76	1.28	0.81	0.43	0.17	0.05	0.01	0.002	0	1.6
1.95	1.4	0.89	0.46	0.19	0.05	0.01	0.002	5.71	4.56	4.06	3.64	3.19	2.73	2.25	1.76	1.27	0.81	0.42	0.17	0.05	0.01	0.002	0	2.44
1.95	1.4	0.89	0.46	0.19	0.05	0.01	0.002	5.74	4.58	4.08	3.65	3.2	2.74	2.26	1.77	1.27	0.81	0.42	0.17	0.05	0.01	0.002	0	2.33
1.95	1.4	0.88	0.46	0.19	0.05	0.01	0.002	5.76	4.59	4.1	3.66	3.22	2.75	2.27	1.77	1.28	0.81	0.42	0.17	0.05	0.01	0.002	0	1.84
1.95	1.4	0.88	0.46	0.19	0.05	0.01	0.001	5.79	4.61	4.12	3.68	3.23	2.77	2.28	1.78	1.28	0.8	0.42	0.17	0.05	0.01	0.001	0	2.31
1.96	1.4	0.88	0.46	0.18	0.05	0.01	0.001	5.82	4.63	4.14	3.69	3.25	2.78	2.29	1.78	1.28	0.8	0.42	0.17	0.05	0.01	0.001	0	2.1
1.96	1.4	0.87	0.45	0.18	0.05	0.01	0.001	5.83	4.66	4.16	3.71	3.26	2.79	2.3	1.79	1.28	0.8	0.42	0.17	0.05	0.01	0.001	0	2.14
1.96	1.4	0.87	0.45	0.18	0.05	0.01	0.001	5.84	4.67	4.18	3.73	3.28	2.81	2.31	1.79	1.28	0.8	0.42	0.17	0.05	0.01	0.001	0	1.65
1.96	1.4	0.87	0.45	0.18	0.05	0.01	0.001	5.84	4.69	4.19	3.75	3.29	2.82	2.32	1.8	1.28	0.8	0.42	0.17	0.05	0.01	0.001	0	1.38
1.97	1.4	0.87	0.45	0.19	0.05	0.01	0.001	5.84	4.7	4.21	3.76	3.31	2.84	2.33	1.8	1.28	0.8	0.41	0.17	0.05	0.01	0.001	0	2.48
1.97	1.4	0.87	0.45	0.19	0.05	0.01	0.001	5.82	4.71	4.22	3.78	3.32	2.85	2.34	1.81	1.28	0.8	0.41	0.17	0.05	0.01	0.001	0	2.34
1.98	1.4	0.87	0.45	0.18	0.05	0.01	0.001	5.81	4.73	4.24	3.8	3.34	2.87	2.36	1.82	1.29	0.8	0.41	0.17	0.05	0.01	0.001	0	2.11
1.99	1.4	0.87	0.45	0.18	0.05	0.01	0	5.8	4.75	4.26	3.82	3.37	2.89	2.37	1.83	1.29	0.8	0.41	0.17	0.05	0.01	0	0	1.72
2	1.41	0.87	0.44	0.18	0.05	0.01	0	5.79	4.77	4.28	3.85	3.39	2.91	2.39	1.84	1.3	0.8	0.41	0.16	0.05	0.01	0	0	1.95
2.01	1.41	0.87	0.44	0.18	0.05	0.01	0	5.79	4.79	4.3	3.87	3.42	2.93	2.41	1.85	1.3	0.8	0.4	0.16	0.04	0.01	0	0	2.13
2.02	1.42	0.87	0.44	0.17	0.05	0.01	0	5.8	4.82	4.32	3.9	3.44	2.95	2.42	1.86	1.31	0.8	0.4	0.16	0.04	0.01	0	0	1.77
2.03	1.42	0.87	0.43	0.17	0.05		0	5.8	4.84	4.34	3.92	3.47	2.98	2.44	1.87	1.31	0.8	0.4	0.15	0.04		0	0	1.8
2.04	1.42	0.87	0.43	0.16	0.04		0	5.8	4.86	4.37	3.95	3.49	2.99	2.45	1.88	1.31	0.8	0.39	0.15	0.04		0	0	1.67
2.04	1.43	0.87	0.43	0.16	0.04	0.01	0	5.8	4.88	4.39	3.97	3.51	3.01	2.46	1.89	1.32	0.8	0.39	0.15	0.04	0.01	0	0	1.87
2.05	1.43	0.87	0.42	0.16	0.04	0.01	0	5.79	4.89	4.4	3.98	3.52	3.02	2.47	1.89	1.32	0.8	0.39	0.15	0.04	0.01	0	0	1.69
2.05	1.43	0.86	0.42	0.16	0.04	0.01	0	5.78	4.9	4.41	4	3.53	3.03	2.48	1.9	1.32	0.8	0.39	0.15	0.04	0.01	0	0	1.88
2.05	1.42	0.86	0.42	0.16	0.04	0.01	0.001	5.76	4.89	4.42	4	3.53	3.03	2.48	1.89	1.32	0.79	0.39	0.15	0.04	0.01	0.001	0	2.41
2.04	1.42	0.86	0.42	0.16	0.04	0.01	0.001	5.74	4.88	4.41	4	3.53	3.03	2.47	1.89	1.31	0.79	0.39	0.15	0.04	0.009	0.001	0	1.96
2.03	1.41	0.85	0.42	0.16	0.04	0.01	0.001	5.72	4.87	4.41	3.99	3.52	3.02	2.47	1.89	1.31	0.79	0.39	0.15	0.04	0.009	0.001	0	1.63
2.02	1.4	0.85	0.43	0.16	0.04	0.01	0.002	5.7	4.85	4.4	3.98	3.51	3.01	2.46	1.88	1.3	0.79	0.39	0.15	0.04	0.009	0.002	0	2.2
2.01	1.4	0.85	0.43	0.17	0.04	0.01	0.002	5.69	4.83	4.38	3.97	3.5	3	2.45	1.87	1.3	0.79	0.4	0.15	0.04	0.01	0.002	0	2.32
2	1.39	0.85	0.43	0.17	0.05	0.01	0.001	5.68	4.82	4.37	3.96	3.49	2.99	2.44	1.86	1.29	0.78	0.4	0.15	0.04	0.01	0.001	0	2.16
1.99	1.38	0.84	0.43	0.17	0.05	0.01	0.001	5.68	4.81	4.36	3.95	3.47	2.98	2.43	1.85	1.29	0.78	0.4	0.15	0.04	0.01	0.001	0	1.36
1.99	1.38	0.84	0.43	0.17	0.04	0.01	0.001	5.7	4.81	4.36	3.94	3.47	2.97	2.42	1.85	1.28	0.78	0.4	0.15	0.04	0.01	0.001	0	1.64
1.98	1.38	0.84	0.43	0.16	0.04	0.01	0.001	5.72	4.82	4.36	3.94	3.46	2.96	2.41	1.84	1.28	0.78	0.4	0.15	0.04	0.01	0.001	0	1.6
1.98	1.37	0.84	0.43	0.16	0.04	0.01	0.001	5.74	4.83	4.36	3.94	3.46	2.95	2.41	1.84	1.28	0.78	0.39	0.15	0.04	0.01	0.001	0	1.51
1.97	1.37	0.84	0.42	0.16	0.04	0.01	0.001	5.76	4.83	4.36	3.93	3.45	2.95	2.4	1.83	1.27	0.77	0.39	0.15	0.04	0.009	0.001	0	1.88
1.97	1.37	0.83	0.42	0.16	0.04	0.01	0.001	5.76	4.83	4.36	3.93	3.45	2.94	2.39	1.83	1.27	0.77	0.39	0.15	0.04	0.009	0.001	0	1.98
1.96	1.37	0.83	0.42	0.16	0.04	0.01	0.001	5.76	4.82	4.35	3.91	3.43	2.93	2.38	1.82	1.27	0.77	0.39	0.14	0.04	0.009	0.001	0	1.68
1.96	1.36	0.83	0.41	0.16	0.04	0.01	0.001	5.73	4.8	4.33	3.89	3.42	2.91	2.37	1.81	1.26	0.77	0.38	0.14	0.04	0.009	0.001	0	1.91
1.94	1.36	0.83	0.41	0.16	0.04	0.01	0.001	5.69	4.77	4.29	3.86	3.39	2.89	2.35	1.8	1.25	0.76	0.38	0.14	0.04	0.009	0.001	0	2.24
1.93	1.35	0.82	0.41	0.16	0.04	0.01	0.001	5.64	4.73	4.26	3.83	3.36	2.87	2.33	1.78	1.25	0.76	0.38	0.15	0.04	0.009	0.001	0	2.1
1.91	1.34	0.82	0.41	0.16	0.04	0.01	0.001	5.59	4.69	4.22	3.8	3.33	2.84	2.31	1.77	1.24	0.76	0.38	0.15	0.04	0.01	0.001	0	1.41
1.9	1.33	0.82	0.41	0.16	0.04	0.01	0.001	5.53	4.64	4.17	3.76	3.3	2.82	2.3	1.76	1.23	0.75	0.38	0.15	0.04	0.01	0.001	0	2.19
1.89	1.32	0.81	0.41	0.16	0.04	0.01	0.001	5.47	4.6	4.14	3.73	3.28	2.8	2.28	1.75	1.22	0.75	0.38	0.15	0.04	0.01	0.001	0	2.27
1.88	1.32	0.81	0.41	0.17	0.04	0.01	0.001	5.43	4.56	4.11	3.7	3.26	2.78	2.27	1.74	1.22	0.75	0.38	0.15	0.04	0.01	0.001	0	1.96
1.87	1.32	0.81	0.41	0.17	0.04	0.01	0.001	5.39	4.52	4.08	3.68	3.24	2.77	2.26	1.73	1.22	0.75	0.38	0.15	0.04	0.01	0.001	0	1.63
1.87																								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.01	1.45	0.9	0.45	0.17	0.04	0.01	0.001	5.41	4.52	4.11	3.75	3.35	2.92	2.43	1.91	1.38	0.86	0.43	0.16	0.04	0.01	0.001	0	1.99
2.01	1.45	0.9	0.45	0.17	0.04	0.01	0.002	5.46	4.56	4.14	3.78	3.38	2.94	2.45	1.93	1.38	0.86	0.42	0.16	0.04	0.01	0.002	0	1.57
2.02	1.45	0.89	0.44	0.16	0.04	0.01	0.002	5.52	4.6	4.18	3.81	3.41	2.97	2.47	1.94	1.39	0.85	0.42	0.15	0.03	0.01	0.002	0	1.38
2.03	1.45	0.89	0.43	0.15	0.03	0.01	0.002	5.57	4.63	4.22	3.85	3.44	2.99	2.49	1.95	1.39	0.85	0.41	0.14	0.03	0.01	0.002	0	1.83
2.03	1.45	0.88	0.42	0.15	0.03	0.01	0.002	5.61	4.67	4.25	3.87	3.46	3.01	2.51	1.96	1.39	0.85	0.41	0.14	0.03	0.01	0.002	0	1.52
2.03	1.45	0.88	0.42	0.14	0.03	0.009	0.002	5.64	4.69	4.27	3.89	3.48	3.03	2.52	1.97	1.4	0.85	0.4	0.14	0.03	0.009	0.002	0	2.08
2.03	1.44	0.88	0.42	0.14	0.03	0.009	0.001	5.65	4.71	4.29	3.91	3.49	3.04	2.53	1.97	1.4	0.85	0.4	0.14	0.03	0.009	0.001	0	2.28
2.03	1.44	0.87	0.42	0.14	0.03	0.009	0.001	5.66	4.72	4.3	3.92	3.5	3.04	2.53	1.97	1.4	0.85	0.4	0.14	0.03	0.009	0.001	0	2.33
2.02	1.44	0.87	0.42	0.15	0.03	0.009	0.001	5.66	4.72	4.3	3.92	3.5	3.05	2.53	1.97	1.4	0.85	0.41	0.14	0.03	0.009	0.001	0	1.88
2.01	1.43	0.87	0.42	0.15	0.03	0.01	0.001	5.67	4.73	4.3	3.92	3.51	3.05	2.53	1.97	1.4	0.85	0.41	0.14	0.03	0.01	0.001	0	1.45
2.01	1.43	0.87	0.43	0.15	0.04	0.01	0	5.67	4.75	4.31	3.93	3.51	3.05	2.53	1.97	1.4	0.85	0.41	0.15	0.03	0.01	0	0	1.91
2	1.42	0.87	0.43	0.16	0.04	0.01	0	5.68	4.76	4.32	3.93	3.52	3.06	2.54	1.97	1.4	0.85	0.42	0.15	0.03	0.01	0	0	2.2
2	1.42	0.87	0.43	0.16	0.04	0.01	0	5.7	4.77	4.33	3.94	3.53	3.07	2.54	1.97	1.4	0.85	0.42	0.15	0.04	0.01	0	0	1.94
2	1.42	0.87	0.43	0.16	0.04	0.01	0	5.72	4.79	4.34	3.96	3.54	3.08	2.55	1.98	1.4	0.85	0.42	0.15	0.04	0.01	0	0	1.34
2	1.42	0.87	0.43	0.16	0.04	0.01	0	5.76	4.81	4.37	3.98	3.56	3.09	2.56	1.98	1.4	0.85	0.42	0.15	0.04	0.01	0	0	1.66
2.01	1.42	0.87	0.43	0.16	0.04	0.01	0	5.79	4.84	4.39	4	3.58	3.11	2.57	1.99	1.4	0.85	0.42	0.15	0.04	0.01	0	0	1.19
2.02	1.43	0.87	0.43	0.16	0.04	0.01	0	5.83	4.86	4.42	4.03	3.6	3.13	2.59	2	1.4	0.85	0.42	0.15	0.04	0.01	0	0	1.42
2.03	1.43	0.87	0.43	0.16	0.04	0.01	0.001	5.86	4.88	4.44	4.05	3.62	3.14	2.6	2	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	1.51
2.04	1.44	0.87	0.43	0.16	0.04	0.01	0.001	5.88	4.9	4.46	4.06	3.63	3.16	2.61	2.01	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	1.33
2.05	1.44	0.87	0.43	0.16	0.04	0.01	0.001	5.89	4.92	4.47	4.08	3.64	3.17	2.62	2.02	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	1.49
2.06	1.44	0.87	0.44	0.17	0.04	0.01	0.001	5.88	4.92	4.47	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	1.98
2.06	1.45	0.88	0.44	0.17	0.04	0.01	0.001	5.87	4.93	4.47	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	2.03
2.07	1.45	0.88	0.44	0.17	0.04	0.01	0.001	5.86	4.92	4.47	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	1.6
2.07	1.45	0.88	0.44	0.17	0.04	0.01	0.001	5.84	4.92	4.46	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.42	0.16	0.04	0.01	0.001	0	1.39
2.08	1.45	0.88	0.44	0.17	0.04	0.01	0.001	5.82	4.91	4.46	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.43	0.16	0.04	0.01	0.001	0	1.89
2.08	1.46	0.89	0.45	0.18	0.05	0.01	0.002	5.82	4.91	4.46	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.43	0.17	0.04	0.01	0.002	0	1.83
2.09	1.46	0.89	0.45	0.18	0.05	0.01	0.002	5.82	4.91	4.46	4.08	3.65	3.17	2.62	2.02	1.41	0.85	0.43	0.17	0.04	0.01	0.002	0	1.21
2.11	1.47	0.9	0.45	0.18	0.05	0.01	0.002	5.84	4.92	4.47	4.09	3.66	3.18	2.63	2.02	1.41	0.86	0.43	0.17	0.04	0.01	0.002	158.8	1.68
2.12	1.49	0.9	0.46	0.18	0.05	0.01	0.002	5.87	4.94	4.49	4.1	3.68	3.19	2.64	2.03	1.42	0.86	0.43	0.17	0.05	0.01	0.002	0	2.05
2.14	1.5	0.91	0.46	0.18	0.05	0.01	0.002	5.91	4.96	4.51	4.12	3.69	3.21	2.65	2.04	1.43	0.87	0.44	0.17	0.05	0.01	0.002	0	1.33
2.16	1.51	0.92	0.46	0.18	0.05	0.01	0.002	5.95	4.98	4.54	4.14	3.71	3.22	2.67	2.06	1.44	0.87	0.44	0.17	0.05	0.01	0.002	0	1.56
2.17	1.52	0.93	0.47	0.18	0.05	0.01	0.002	6	5.01	4.56	4.16	3.73	3.24	2.68	2.07	1.45	0.88	0.44	0.17	0.05	0.01	0.002	0	1.73
2.19	1.54	0.94	0.47	0.19	0.06	0.01	0.002	6.03	5.03	4.58	4.18	3.74	3.25	2.69	2.08	1.46	0.89	0.45	0.18	0.05	0.01	0.002	199.7	1.14
2.2	1.54	0.94	0.48	0.19	0.06	0.01	0.002	6.06	5.05	4.6	4.19	3.76	3.26	2.7	2.09	1.46	0.89	0.45	0.18	0.05	0.01	0.002	0	1.92
2.21	1.55	0.95	0.48	0.19	0.06	0.01	0.002	6.08	5.06	4.62	4.2	3.76	3.27	2.71	2.09	1.47	0.9	0.45	0.18	0.05	0.01	0.002	0	1.98
2.21	1.56	0.95	0.48	0.19	0.06	0.01	0.002	6.09	5.07	4.63	4.21	3.77	3.27	2.71	2.1	1.48	0.9	0.46	0.18	0.06	0.01	0.002	0	1.59
2.22	1.56	0.96	0.49	0.19	0.06	0.01	0.002	6.08	5.08	4.63	4.21	3.77	3.28	2.72	2.1	1.48	0.91	0.46	0.18	0.06	0.01	0.002	0	1.18
2.22	1.57	0.96	0.49	0.2	0.06	0.01	0.002	6.07	5.08	4.63	4.22	3.77	3.28	2.72	2.11	1.49	0.91	0.46	0.19	0.06	0.01	0.002	0	1.59
2.22	1.57	0.97	0.49	0.2	0.06	0.01	0.001	6.05	5.08	4.64	4.22	3.77	3.28	2.73	2.12	1.5	0.92	0.47	0.19	0.06	0.01	0.001	0	1.17
2.23	1.58	0.97	0.5	0.2	0.06	0.01	0.001	6.04	5.09	4.64	4.23	3.78	3.29	2.73	2.13	1.51	0.93	0.47	0.19	0.06	0.01	0.001	66.4	1.65
2.24	1.59	0.98	0.5	0.21	0.07	0.01	0	6.04	5.1	4.65	4.25	3.8	3.3	2.75	2.14	1.52	0.94	0.48	0.19	0.06	0.01	0	0	1.5
2.24	1.59	0.99	0.51	0.21	0.07		0	6.05	5.13	4.67	4.27	3.82	3.32	2.77	2.16	1.53	0.95	0.48	0.2	0.06		0	0	2.03
2.25	1.6	0.99	0.51	0.21	0.07		0	6.07	5.16	4.7	4.3	3.84	3.35	2.79	2.17	1.54	0.95	0.49	0.2	0.06		0	0	2.45
2.26	1.61	0.99	0.51	0.21	0.07		0.001	6.1	5.19	4.73	4.33	3.87	3.37	2.81	2.19	1.56	0.96	0.49	0.2	0.06		0.001	0	2
2.27	1.61	1	0.51	0.21	0.07		0	6.13	5.23	4.77	4.36	3.9	3.4	2.83	2.21	1.57	0.97	0.49	0.2	0.06		0	0	1.89
2.27	1.62	1	0.51	0.22	0.07	0.01	0.001	6.17	5.27	4.8	4.4	3.93	3.42	2.85	2.22	1.58	0.98	0.5	0.21	0.07	0.01	0.001	0	2.38
2.27	1.62	1	0.52	0.22	0.07	0.02	0.002	6.19	5.3	4.83	4.43	3.96	3.45	2.87	2.24	1.59	0.98	0.5	0.21	0.07	0.02	0.002	0	2.7
2.27	1.62	1.01	0.52	0.22	0.07	0.02	0.003	6.21	5.33	4.86	4.46	3.99	3.47	2.89	2.25	1.6	0.99	0.51	0.22	0.07	0.02	0.003	0	1.81
2.27	1.62	1.01	0.53	0.22	0.08	0.02	0.004	6.23	5.36	4.89	4.49	4.02	3.49	2.91	2.27	1.61	1	0.52	0.22	0.07	0.02	0.004	0	1.78
2.27	1.62	1.01	0.53	0.23	0.08	0.02	0.005	6.24	5.39	4.92	4.51	4.04	3.52	2.92	2.28	1.62	1.01	0.52	0.22	0.08	0.02	0.005	0	2.38
2.27	1.62	1.01	0.53	0.23	0.08	0.02	0.005	6.25	5.41	4.95	4.54	4.07	3.54	2.94	2.29	1.63	1.02	0.53	0.23	0.08	0.02	0.005	0	2.24
2.26	1.62	1.02	0.54	0.23	0.08	0.02	0.006	6.26	5.43	4.98	4.56	4.09	3.56	2.96	2.3	1.64	1.02	0.54	0.23	0.08	0.02	0.006	0	1.99
2.26	1.61	1.02	0.54	0.24	0.08	0.02	0.006	6.27	5.46	5.01	4.59	4.12	3.58	2.97	2.31	1.64	1.03	0.54	0.23	0.08	0.02	0.006	0	1.95
2.26	1.61	1.01	0.54	0.24	0.08	0.02	0.006	6.29	5.48	5.03	4.61	4.14	3.6	2.99	2.32	1.65	1.03	0.54	0.24	0.08	0.02	0.006	0	2.25
2.26	1.61	1.01																						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.74	2.04	1.37	0.79	0.39	0.15	0.04	0.01	7.08	6.24	5.8	5.34	4.84	4.26	3.6	2.88	2.13	1.41	0.81	0.39	0.15	0.04	0.009	0	2.58
2.76	2.07	1.39	0.81	0.39	0.15	0.04	0.01	7.12	6.27	5.83	5.37	4.86	4.28	3.63	2.9	2.15	1.43	0.82	0.39	0.15	0.04	0.01	0	2.58
2.78	2.08	1.4	0.82	0.4	0.16	0.04	0.01	7.14	6.29	5.84	5.38	4.88	4.3	3.64	2.92	2.17	1.45	0.83	0.4	0.15	0.04	0.01	0	2.44
2.79	2.1	1.42	0.83	0.41	0.16	0.04	0.01	7.13	6.29	5.84	5.38	4.88	4.3	3.65	2.93	2.18	1.46	0.85	0.41	0.16	0.04	0.01	0	1.33
2.8	2.11	1.43	0.84	0.42	0.16	0.05	0.01	7.12	6.29	5.84	5.38	4.88	4.3	3.65	2.94	2.2	1.48	0.86	0.42	0.16	0.04	0.01	0	2.26
2.8	2.12	1.45	0.86	0.42	0.17	0.05	0.01	7.11	6.28	5.83	5.37	4.87	4.3	3.65	2.95	2.21	1.5	0.87	0.43	0.16	0.04	0.01	0	2.51
2.81	2.14	1.46	0.87	0.43	0.17	0.05	0.01	7.1	6.28	5.83	5.37	4.87	4.3	3.65	2.96	2.23	1.51	0.89	0.43	0.17	0.05	0.01	0	2.42
2.82	2.15	1.48	0.88	0.44	0.17	0.05	0.01	7.1	6.28	5.82	5.37	4.87	4.3	3.66	2.96	2.24	1.52	0.89	0.44	0.17	0.05	0.01	0	2.23
2.84	2.16	1.49	0.88	0.44	0.17	0.05	0.01	7.11	6.3	5.83	5.38	4.88	4.31	3.67	2.98	2.25	1.53	0.9	0.44	0.17	0.05	0.009	0	1.75
2.85	2.18	1.5	0.89	0.44	0.17	0.05	0.01	7.11	6.3	5.83	5.39	4.88	4.31	3.68	2.98	2.26	1.54	0.9	0.44	0.17	0.05	0.01	0	2.25
2.86	2.18	1.5	0.89	0.43	0.17	0.05	0.009	7.11	6.3	5.84	5.39	4.89	4.32	3.68	2.99	2.26	1.54	0.9	0.43	0.17	0.05	0.009	0	2.5
2.87	2.19	1.5	0.89	0.43	0.17	0.05	0.009	7.12	6.31	5.84	5.39	4.89	4.32	3.68	2.99	2.27	1.54	0.9	0.43	0.16	0.05	0.009	0	2.48
2.88	2.2	1.51	0.89	0.43	0.17	0.05	0.008	7.12	6.3	5.84	5.39	4.89	4.33	3.69	2.99	2.27	1.54	0.9	0.43	0.16	0.04	0.008	0	1.44
2.89	2.2	1.51	0.88	0.43	0.16	0.05	0.008	7.11	6.29	5.83	5.39	4.89	4.32	3.69	2.99	2.26	1.54	0.89	0.42	0.16	0.04	0.008	0	2.46
2.89	2.2	1.51	0.88	0.43	0.16	0.04	0.008	7.1	6.28	5.83	5.38	4.88	4.32	3.68	2.99	2.26	1.54	0.89	0.42	0.16	0.04	0.008	0	2.36
2.9	2.2	1.51	0.88	0.43	0.16	0.04	0.008	7.09	6.27	5.82	5.37	4.88	4.32	3.68	2.98	2.26	1.53	0.89	0.42	0.16	0.04	0.008	0	1.46
2.9	2.2	1.51	0.88	0.42	0.16	0.04	0.009	7.07	6.25	5.8	5.36	4.87	4.31	3.67	2.98	2.25	1.53	0.89	0.42	0.16	0.04	0.009	0	2.35
2.89	2.2	1.51	0.88	0.42	0.16	0.04	0.009	7.06	6.23	5.79	5.35	4.86	4.3	3.67	2.97	2.25	1.53	0.89	0.42	0.16	0.04	0.009	0	2.26
2.89	2.2	1.51	0.88	0.43	0.16	0.04	0.009	7.04	6.21	5.77	5.33	4.85	4.29	3.66	2.97	2.25	1.53	0.89	0.42	0.16	0.04	0.009	0	1.53
2.88	2.2	1.51	0.89	0.43	0.17	0.04	0.009	7.02	6.19	5.75	5.31	4.83	4.27	3.65	2.97	2.25	1.53	0.89	0.42	0.16	0.04	0.009	0	1.36
2.88	2.2	1.51	0.89	0.43	0.17	0.05	0.009	6.99	6.16	5.73	5.29	4.81	4.26	3.64	2.96	2.25	1.53	0.9	0.43	0.16	0.04	0.009	0	1.33
2.87	2.2	1.51	0.9	0.43	0.17	0.05	0.009	6.96	6.14	5.71	5.27	4.79	4.24	3.63	2.96	2.25	1.54	0.9	0.43	0.16	0.04	0.009	0	1.55
2.86	2.2	1.52	0.9	0.44	0.17	0.05	0.009	6.94	6.13	5.68	5.26	4.78	4.23	3.62	2.95	2.25	1.55	0.91	0.43	0.16	0.04	0.009	0	1.88
2.86	2.2	1.52	0.9	0.44	0.17	0.05	0.009	6.92	6.11	5.67	5.24	4.76	4.21	3.61	2.95	2.25	1.55	0.91	0.43	0.16	0.04	0.009	0	1.96
2.85	2.2	1.53	0.91	0.44	0.17	0.05	0.009	6.91	6.1	5.66	5.23	4.75	4.21	3.6	2.95	2.26	1.56	0.92	0.44	0.16	0.04	0.009	0	1.77
2.84	2.2	1.53	0.91	0.44	0.17	0.05	0.009	6.9	6.1	5.65	5.23	4.74	4.2	3.6	2.95	2.26	1.56	0.92	0.44	0.16	0.04	0.009	0	1.67
2.84	2.19	1.53	0.91	0.44	0.17	0.05	0.009	6.91	6.1	5.65	5.22	4.74	4.2	3.59	2.95	2.27	1.57	0.93	0.44	0.16	0.04	0.009	0	1.29
2.83	2.19	1.53	0.92	0.45	0.17	0.05	0.01	6.91	6.1	5.65	5.22	4.74	4.19	3.59	2.95	2.27	1.57	0.93	0.45	0.16	0.04	0.01	0	2.04
2.82	2.19	1.53	0.92	0.45	0.17	0.05	0.01	6.91	6.1	5.65	5.22	4.74	4.19	3.59	2.95	2.27	1.58	0.94	0.45	0.17	0.04	0.01	0	2.1
2.81	2.18	1.53	0.92	0.46	0.17	0.05	0.01	6.92	6.09	5.65	5.22	4.74	4.19	3.59	2.95	2.28	1.59	0.94	0.46	0.17	0.04	0.009	0	2.02
2.8	2.18	1.53	0.93	0.46	0.17	0.05	0.01	6.92	6.1	5.65	5.22	4.74	4.19	3.59	2.95	2.28	1.59	0.95	0.47	0.17	0.05	0.01	0	1.6
2.79	2.17	1.53	0.93	0.47	0.18	0.05	0.01	6.92	6.1	5.66	5.23	4.74	4.19	3.59	2.95	2.28	1.6	0.96	0.47	0.17	0.05	0.01	0	1.54
2.78	2.17	1.53	0.93	0.47	0.18	0.05	0.01	6.93	6.11	5.67	5.24	4.75	4.2	3.6	2.96	2.29	1.6	0.96	0.47	0.17	0.05	0.01	0	2.21
2.78	2.16	1.53	0.93	0.47	0.18	0.05	0.01	6.96	6.13	5.69	5.25	4.77	4.22	3.61	2.97	2.29	1.6	0.96	0.48	0.17	0.05	0.01	0	2.33
2.78	2.16	1.52	0.93	0.47	0.18	0.05	0.01	6.99	6.17	5.72	5.28	4.79	4.24	3.63	2.98	2.3	1.6	0.97	0.48	0.17	0.05	0.01	0	2.38
2.78	2.16	1.52	0.92	0.46	0.18	0.05	0.01	7.03	6.21	5.76	5.31	4.83	4.27	3.65	3	2.3	1.6	0.96	0.47	0.17	0.05	0.01	259.4	1.82
2.79	2.16	1.51	0.92	0.46	0.17	0.05	0.01	7.08	6.25	5.8	5.35	4.86	4.3	3.68	3.01	2.31	1.6	0.96	0.47	0.17	0.05	0.01	0	1.91
2.79	2.16	1.5	0.91	0.46	0.17	0.05	0.01	7.12	6.29	5.84	5.39	4.89	4.33	3.71	3.03	2.32	1.6	0.95	0.47	0.17	0.04	0.01	0	2.23
2.8	2.15	1.5	0.9	0.45	0.17	0.05	0.01	7.16	6.33	5.87	5.42	4.92	4.36	3.73	3.04	2.32	1.59	0.94	0.46	0.17	0.04	0.01	0	2.24

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.9	3.69	4.71	3.65	3.38	1.06	6.37	5.55	5.09	4.67	4.16	3.53	2.78	1.99	1.28	0.73	0.35	0.14	0.03	0.009	0.001	6.98	6.08	5.57	5.11	4.54	3.85
2.06	3.68	4.7	3.69	3.42	1.06	6.33	5.51	5.05	4.63	4.12	3.5	2.75	1.97	1.27	0.72	0.35	0.14	0.03	0.009	0.001	6.96	6.04	5.53	5.06	4.5	3.81
2.04	3.71	4.73	3.72	3.43	1.06	6.29	5.47	5.01	4.59	4.08	3.46	2.72	1.95	1.26	0.72	0.35	0.13	0.03	0.009	0.001	6.92	6	5.49	5.02	4.45	3.76
1.45	3.69	4.72	3.69	3.42	1.05	6.24	5.43	4.97	4.55	4.05	3.43	2.69	1.93	1.25	0.72	0.35	0.13	0.03	0.009	0.001	6.88	5.96	5.45	4.98	4.41	3.72
1.58	3.67	4.69	3.67	3.39	1.05	6.2	5.39	4.94	4.52	4.02	3.4	2.66	1.91	1.24	0.71	0.35	0.13	0.03	0.009	0.001	6.85	5.92	5.41	4.95	4.38	3.69
2.01	3.7	4.72	3.69	3.4	1.04	6.17	5.36	4.91	4.49	3.99	3.37	2.64	1.89	1.24	0.71	0.34	0.13	0.03	0.009	0.001	6.82	5.9	5.38	4.92	4.35	3.66
2.02	3.69	4.73	3.71	3.4	1.03	6.15	5.34	4.89	4.47	3.97	3.36	2.63	1.88	1.23	0.71	0.34	0.13	0.03	0.009	0.001	6.81	5.88	5.37	4.9	4.33	3.64
2.06	3.68	4.72	3.71	3.4	1.02	6.13	5.33	4.88	4.47	3.96	3.35	2.62	1.88	1.23	0.71	0.34	0.13	0.03	0.009	0.001	6.8	5.88	5.36	4.89	4.32	3.63
0.38	3.69	4.72	3.7	3.39	1	6.13	5.33	4.88	4.46	3.96	3.35	2.62	1.87	1.22	0.7	0.34	0.13	0.03	0.009	0.001	6.8	5.88	5.36	4.88	4.31	3.63
1.88	3.7	4.74	3.7	3.41	0.99	6.13	5.34	4.88	4.46	3.96	3.35	2.62	1.87	1.22	0.7	0.34	0.13	0.03	0.009	0.001	6.8	5.88	5.35	4.88	4.31	3.62
1.71	3.67	4.74	3.66	3.37	0.97	6.14	5.36	4.89	4.47	3.97	3.36	2.62	1.87	1.22	0.7	0.34	0.12	0.03	0.008	0.002	6.8	5.89	5.36	4.89	4.32	3.63
1.65	3.66	4.76	3.65	3.38	0.96	6.17	5.38	4.91	4.49	3.99	3.37	2.63	1.87	1.21	0.69	0.33	0.12	0.03	0.008	0.002	6.82	5.91	5.37	4.89	4.32	3.63
1.8	3.65	4.76	3.67	3.39	0.94	6.2	5.41	4.93	4.51	4	3.39	2.64	1.88	1.21	0.69	0.33	0.12	0.03	0.007	0.003	6.84	5.93	5.39	4.91	4.34	3.64
1.91	3.64	4.74	3.67	3.36	0.93	6.24	5.44	4.96	4.54	4.03	3.4	2.65	1.88	1.21	0.69	0.33	0.12	0.03	0.006	0.003	6.87	5.95	5.4	4.92	4.35	3.66
1.72	3.66	4.75	3.59	3.34	0.92	6.28	5.47	4.99	4.56	4.05	3.42	2.67	1.89	1.21	0.68	0.32	0.11	0.02	0.006	0.004	6.89	5.97	5.42	4.94	4.36	3.67
1.75	3.65	4.75	3.67	3.35	0.92	6.31	5.5	5.02	4.58	4.07	3.44	2.68	1.9	1.21	0.68	0.32	0.11	0.02	0.005	0.004	6.91	5.99	5.44	4.95	4.38	3.68
2.37	3.68	4.76	3.66	3.44	0.91	6.34	5.53	5.04	4.6	4.09	3.46	2.7	1.91	1.21	0.68	0.31	0.11	0.02	0.004	0.004	6.92	6	5.45	4.96	4.38	3.69
2.31	3.66	4.75	3.67	3.4	0.91	6.37	5.55	5.06	4.62	4.1	3.47	2.71	1.91	1.21	0.67	0.31	0.11	0.02	0.004	0.004	6.93	6	5.45	4.96	4.39	3.69
2.19	3.67	4.74	3.68	3.37	0.91	6.39	5.58	5.08	4.64	4.12	3.49	2.72	1.92	1.21	0.67	0.3	0.11	0.02	0.003	0.004	6.93	6.01	5.45	4.96	4.39	3.7
1.97	3.66	4.75	3.64	3.36	0.91	6.42	5.6	5.1	4.66	4.13	3.5	2.73	1.93	1.22	0.67	0.3	0.11	0.02	0.003	0.004	6.92	6.01	5.45	4.96	4.39	3.7
2	3.67	4.75	3.64	3.37	0.91	6.45	5.63	5.12	4.67	4.15	3.52	2.74	1.93	1.22	0.67	0.3	0.11	0.02	0.003	0.004	6.93	6.02	5.46	4.96	4.39	3.7
2.24	3.66	4.78	3.63	3.36	0.91	6.48	5.66	5.15	4.69	4.17	3.53	2.76	1.94	1.22	0.66	0.3	0.1	0.02	0.002	0.004	6.94	6.03	5.46	4.97	4.4	3.71
1.84	3.63	4.77	3.65	3.36	0.91	6.53	5.7	5.17	4.72	4.19	3.55	2.77	1.95	1.22	0.66	0.29	0.1	0.02	0.002	0.004	6.96	6.05	5.47	4.98	4.41	3.72
1.5	3.63	4.78	3.65	3.37	0.92	6.58	5.74	5.21	4.74	4.21	3.57	2.79	1.96	1.22	0.66	0.29	0.1	0.02	0.002	0.003	7	6.08	5.49	4.99	4.42	3.73
2.08	3.65	4.78	3.63	3.38	0.93	6.63	5.79	5.24	4.77	4.23	3.59	2.8	1.97	1.23	0.66	0.29	0.1	0.02	0.002	0.003	7.03	6.11	5.52	5.01	4.43	3.74
1.91	3.64	4.79	3.65	3.4	0.93	6.68	5.83	5.28	4.8	4.26	3.61	2.82	1.98	1.23	0.66	0.29	0.1	0.02	0.002	0.002	7.07	6.13	5.54	5.02	4.45	3.76
1.55	3.65	4.73	3.66	3.41	0.94	6.73	5.86	5.3	4.82	4.28	3.63	2.84	1.99	1.24	0.66	0.29	0.1	0.02	0.004	0.002	7.09	6.15	5.55	5.03	4.46	3.77
2.09	3.7	4.78	3.65	3.42	0.95	6.75	5.88	5.32	4.83	4.29	3.64	2.85	2	1.24	0.66	0.29	0.1	0.03	0.006	0.004	7.09	6.16	5.55	5.03	4.46	3.77
2.03	3.68	4.77	3.69	3.41	0.96	6.75	5.88	5.32	4.83	4.29	3.65	2.86	2.01	1.25	0.67	0.3	0.11	0.03	0.009	0.005	7.07	6.14	5.54	5.02	4.45	3.77
1.81	3.69	4.75	3.65	3.39	0.96	6.72	5.87	5.3	4.82	4.28	3.65	2.87	2.02	1.25	0.67	0.3	0.11	0.03	0.01	0.006	7.03	6.11	5.51	5	4.43	3.76
2.07	3.69	4.78	3.66	3.39	0.97	6.69	5.84	5.28	4.8	4.27	3.64	2.87	2.03	1.26	0.67	0.3	0.11	0.03	0.01	0.006	6.98	6.07	5.47	4.96	4.41	3.75
2.13	3.69	4.75	3.65	3.39	0.98	6.66	5.81	5.25	4.78	4.26	3.64	2.87	2.03	1.26	0.67	0.3	0.11	0.03	0.01	0.006	6.93	6.03	5.43	4.93	4.39	3.74
1.51	3.69	4.77	3.67	3.36	0.98	6.63	5.79	5.23	4.76	4.25	3.63	2.87	2.04	1.27	0.68	0.31	0.11	0.03	0.01	0.006	6.89	6	5.4	4.91	4.37	3.73
1.98	3.69	4.75	3.68	3.39	0.99	6.61	5.78	5.22	4.75	4.24	3.64	2.87	2.04	1.27	0.68	0.31	0.11	0.03	0.01	0.006	6.87	5.98	5.39	4.9	4.36	3.72
2.11	3.65	4.77	3.67	3.39	1	6.6	5.77	5.22	4.75	4.24	3.64	2.88	2.04	1.27	0.68	0.3	0.11	0.03	0.01	0.006	6.86	5.97	5.38	4.89	4.36	3.73
2.19	3.69	4.79	3.64	3.41	1	6.6	5.78	5.22	4.75	4.24	3.64	2.88	2.04	1.27	0.67	0.3	0.11	0.03	0.01	0.005	6.87	5.98	5.39	4.9	4.36	3.73
1.73	3.69	4.77	3.68	3.4	1.01	6.6	5.78	5.22	4.75	4.24	3.64	2.88	2.04	1.27	0.66	0.29	0.1	0.03	0.01	0.004	6.88	5.99	5.4	4.9	4.37	3.73
1.71	3.72	4.76	3.68	3.44	1.01	6.6	5.78	5.21	4.74	4.23	3.63	2.88	2.04	1.26	0.65	0.28	0.09	0.02	0.007	0.001	6.89	6	5.39	4.89	4.36	3.73
1.93	3.71	4.76	3.69	3.44	1.01	6.58	5.76	5.19	4.72	4.21	3.61	2.86	2.02	1.25	0.64	0.27	0.09	0.02	0.003	-0.001	6.88	5.99	5.38	4.88	4.34	3.71
1.27	3.73	4.79	3.69	3.42	1.01	6.54	5.72	5.15	4.68	4.18	3.59	2.83	2	1.23	0.63	0.27	0.08	0.01	0.003	0	6.86	5.96	5.35	4.85	4.31	3.69
1.92	3.72	4.76	3.71	3.41	1.01	6.49	5.66	5.1	4.63	4.13	3.55	2.8	1.98	1.22	0.63	0.26	0.08	0.01	0.003	0	6.81	5.9	5.3	4.8	4.27	3.65
1.62	3.71	4.77	3.64	3.41	1.01	6.42	5.59	5.03	4.57	4.08	3.5	2.76	1.95	1.2	0.62	0.26	0.08	0.01	0.003	0	6.74	5.83	5.23	4.74	4.21	3.6
1.6	3.72	4.76	3.69	3.42	1	6.34	5.51	4.96	4.51	4.02	3.45	2.72	1.93	1.19	0.62	0.26	0.08	0.01	0.003	0	6.67	5.75	5.16	4.68	4.16	3.55
2	3.67	4.76	3.7	3.41	1	6.28	5.45	4.9	4.45	3.97	3.4	2.69	1.9	1.18	0.61	0.26	0.08	0.01	0.003	0	6.6	5.69	5.1	4.62	4.1	3.5
1.93	3.67	4.74	3.7	3.41	0.99	6.25	5.41	4.86	4.42	3.94	3.37	2.66	1.88	1.16	0.61	0.26	0.08	0.01	0.003	0	6.56	5.64	5.05	4.58	4.07	3.47
2.22	3.67	4.75	3.68	3.4	0.98	6.24	5.4	4.85	4.41	3.92	3.35	2.64	1.86	1.15	0.6	0.26	0.09	0.01	0.003	0	6.56	5.63	5.04	4.57	4.05	3.45
1.97	3.67	4.73	3.63	3.42	0.98	6.27	5.42	4.87	4.42	3.93	3.34	2.62	1.84	1.14	0.6	0.26	0.08	0.01	0.003	0	6.59	5.66	5.06	4.58	4.06	3.44
2.31	3.66	4.74	3.66	3.36	0.97	6.32	5.46	4.9	4.45	3.94	3.34	2.61	1.83	1.13	0.59	0.26	0.08	0.01	0.003	0.001	6.64	5.7	5.09	4.61	4.07	3.44
1.89	3.66	4.74	3.68	3.37	0.97	6.39	5.52	4.95	4.48	3.96	3.35	2.6	1.81	1.11	0.59	0.25	0.08	0.01	0.002	0.001	6.71	5.76	5.15	4.65	4.1	3.45
2.06	3.69	4.74	3.67	3.38	0.97	6.45	5.58	4.99	4.52	3.98	3															

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.67	3.67	4.74	3.69	3.41	0.99	6.14	5.18	4.61	4.11	3.5	2.79	2.01	1.3	0.75	0.38	0.16	0.05	0.01	0.003	0.001	6.82	5.73	5.08	4.52	3.83	3.04
1.72	3.69	4.75	3.69	3.4	0.99	6.12	5.18	4.62	4.13	3.52	2.81	2.02	1.3	0.75	0.38	0.16	0.05	0.01	0.003	0.002	6.85	5.77	5.13	4.57	3.88	3.07
1.99	3.69	4.76	3.68	3.37	0.98	6.09	5.18	4.62	4.14	3.53	2.82	2.02	1.3	0.75	0.38	0.16	0.05	0.01	0.003	0.002	6.85	5.8	5.16	4.6	3.92	3.1
1.94	3.7	4.73	3.64	3.39	0.98	6.05	5.16	4.62	4.14	3.54	2.83	2.03	1.31	0.75	0.38	0.16	0.05	0.01	0.003	0.002	6.84	5.82	5.19	4.64	3.95	3.13
2.03	3.67	4.79	3.68	3.42	0.98	6	5.14	4.61	4.14	3.55	2.84	2.04	1.31	0.75	0.38	0.16	0.05	0.01	0.003	0.002	6.83	5.82	5.21	4.66	3.98	3.16
1.51	3.68	4.77	3.66	3.37	0.97	5.96	5.12	4.6	4.14	3.56	2.85	2.05	1.32	0.76	0.38	0.17	0.05	0.01	0.003	0.002	6.82	5.83	5.23	4.69	4.01	3.19
1.84	3.66	4.75	3.69	3.38	0.97	5.93	5.1	4.6	4.14	3.57	2.87	2.07	1.33	0.76	0.39	0.17	0.06	0.01	0.003	0.002	6.81	5.84	5.25	4.72	4.04	3.22
2.21	3.65	4.77	3.65	3.4	0.97	5.91	5.09	4.6	4.15	3.58	2.88	2.08	1.34	0.76	0.39	0.17	0.06	0.01	0.004	0.002	6.82	5.86	5.28	4.74	4.08	3.26
2.3	3.68	4.77	3.66	3.39	0.97	5.89	5.09	4.6	4.16	3.59	2.89	2.09	1.34	0.77	0.39	0.17	0.06	0.01	0.004	0.002	6.83	5.88	5.3	4.77	4.11	3.29
1.9	3.67	4.76	3.66	3.37	0.96	5.88	5.08	4.6	4.16	3.6	2.91	2.1	1.35	0.77	0.39	0.17	0.06	0.01	0.004	0.002	6.84	5.89	5.33	4.8	4.13	3.31
1.79	3.67	4.76	3.63	3.35	0.97	5.88	5.09	4.61	4.17	3.61	2.92	2.11	1.35	0.77	0.39	0.17	0.06	0.01	0.003	0.002	6.86	5.92	5.35	4.82	4.16	3.33
2.01	3.68	4.78	3.67	3.38	0.97	5.88	5.09	4.62	4.18	3.62	2.92	2.11	1.36	0.77	0.4	0.17	0.06	0.01	0.003	0.002	6.88	5.94	5.38	4.84	4.18	3.35
1.94	3.7	4.77	3.68	3.38	0.97	5.88	5.1	4.63	4.18	3.62	2.92	2.12	1.36	0.78	0.4	0.17	0.06	0.01	0.003	0.002	6.9	5.96	5.4	4.86	4.19	3.36
1.95	3.67	4.75	3.65	3.38	0.97	5.89	5.1	4.63	4.18	3.62	2.92	2.12	1.36	0.78	0.4	0.18	0.06	0.01	0.003	0.002	6.93	5.99	5.42	4.88	4.21	3.37
2.27	3.69	4.75	3.65	3.4	0.98	5.9	5.11	4.64	4.18	3.62	2.92	2.11	1.36	0.78	0.4	0.18	0.06	0.01	0.003	0.003	6.95	6.01	5.45	4.9	4.21	3.37
2.31	3.7	4.75	3.66	3.37	0.98	5.9	5.12	4.65	4.19	3.61	2.91	2.11	1.36	0.79	0.41	0.18	0.06	0.01	0.002	0.003	6.98	6.04	5.47	4.91	4.22	3.37
2.06	3.67	4.76	3.66	3.36	0.99	5.91	5.13	4.65	4.18	3.61	2.9	2.1	1.36	0.79	0.41	0.18	0.06	0.01	0.002	0.003	7	6.07	5.49	4.92	4.23	3.37
1.94	3.68	4.73	3.68	3.37	1	5.91	5.13	4.65	4.18	3.6	2.89	2.1	1.36	0.8	0.42	0.18	0.06	0.01	0.002	0.003	7.02	6.09	5.51	4.94	4.23	3.37
1.9	3.69	4.75	3.67	3.38	1	5.9	5.14	4.65	4.18	3.6	2.89	2.09	1.37	0.81	0.42	0.19	0.06	0.01	0.002	0.003	7.04	6.12	5.53	4.95	4.24	3.37
1.75	3.69	4.75	3.64	3.4	1.01	5.89	5.14	4.65	4.18	3.59	2.88	2.09	1.37	0.81	0.43	0.19	0.06	0.01	0.002	0.003	7.05	6.14	5.54	4.96	4.24	3.37
1.7	3.69	4.74	3.71	3.4	1.01	5.87	5.13	4.65	4.18	3.59	2.88	2.09	1.38	0.82	0.43	0.19	0.06	0.01	0.002	0.003	7.05	6.15	5.56	4.98	4.25	3.38
2.03	3.69	4.73	3.67	3.38	1.02	5.84	5.13	4.64	4.17	3.59	2.88	2.1	1.38	0.83	0.44	0.19	0.07	0.01	0.002	0.002	7.04	6.16	5.57	4.99	4.26	3.39
1.76	3.7	4.74	3.65	3.39	1.02	5.81	5.12	4.64	4.17	3.59	2.88	2.11	1.4	0.84	0.45	0.2	0.07	0.01	0.002	0.002	7.03	6.17	5.58	5.01	4.28	3.41
1.9	3.81	4.74	3.69	3.39	1.02	5.78	5.1	4.63	4.17	3.59	2.89	2.12	1.41	0.85	0.46	0.2	0.07	0.01	0.003	0.002	7.01	6.18	5.59	5.02	4.3	3.43
1.58	3.76	4.74	3.65	3.38	1.02	5.76	5.09	4.63	4.18	3.6	2.9	2.14	1.43	0.87	0.46	0.21	0.07	0.01	0.003	0.002	7	6.18	5.6	5.04	4.32	3.45
1.96	3.7	4.72	3.7	3.38	1.02	5.73	5.09	4.63	4.18	3.61	2.92	2.16	1.45	0.88	0.47	0.21	0.07	0.01	0.003	0.002	6.98	6.18	5.61	5.06	4.34	3.48
2.19	3.67	4.75	3.69	3.38	1.01	5.71	5.08	4.63	4.19	3.63	2.94	2.18	1.47	0.89	0.48	0.21	0.07	0.01	0.003	0.002	6.97	6.19	5.62	5.08	4.37	3.51
1.89	3.68	4.75	3.68	3.39	1.01	5.69	5.08	4.63	4.2	3.64	2.96	2.2	1.49	0.9	0.48	0.21	0.07	0.01	0.003	0.002	6.96	6.19	5.63	5.1	4.39	3.54
1.98	3.66	4.74	3.66	3.36	1	5.68	5.08	4.64	4.22	3.66	2.99	2.22	1.5	0.92	0.49	0.21	0.07	0.01	0.002	0.002	6.95	6.19	5.64	5.11	4.42	3.57
2.14	3.67	4.75	3.68	3.36	0.99	5.68	5.08	4.65	4.23	3.68	3.01	2.24	1.52	0.92	0.49	0.22	0.07	0.01	0.002	0.002	6.94	6.19	5.65	5.13	4.44	3.59
2.14	3.65	4.73	3.68	3.38	0.99	5.68	5.09	4.65	4.24	3.7	3.03	2.26	1.53	0.93	0.49	0.22	0.07	0.01	0.002	0.002	6.93	6.19	5.65	5.14	4.46	3.62
2.13	3.64	4.75	3.65	3.37	0.98	5.68	5.09	4.66	4.25	3.71	3.04	2.28	1.55	0.94	0.5	0.22	0.07	0.01	0.002	0.002	6.92	6.19	5.66	5.14	4.47	3.63
2.07	3.65	4.71	3.66	3.33	0.98	5.7	5.1	4.68	4.27	3.73	3.06	2.29	1.56	0.95	0.5	0.22	0.07	0.01	0.002	0.002	6.92	6.19	5.66	5.15	4.48	3.64
1.95	3.64	4.74	3.63	3.36	0.98	5.71	5.12	4.69	4.28	3.74	3.07	2.31	1.57	0.95	0.5	0.22	0.07	0.01	0.002	0.002	6.92	6.19	5.66	5.15	4.48	3.65
1.4	3.64	4.73	3.68	3.35	0.97	5.74	5.14	4.71	4.29	3.75	3.09	2.32	1.58	0.96	0.51	0.22	0.07	0.01	0.003	0.002	6.93	6.19	5.67	5.15	4.48	3.65
1.31	3.63	4.76	3.66	3.35	0.97	5.76	5.16	4.73	4.31	3.77	3.1	2.33	1.58	0.96	0.51	0.22	0.07	0.01	0.003	0.002	6.94	6.19	5.67	5.15	4.48	3.65
1.98	3.65	4.73	3.66	3.36	0.97	5.8	5.19	4.76	4.33	3.78	3.11	2.34	1.59	0.97	0.51	0.23	0.07	0.01	0.003	0.002	6.94	6.2	5.67	5.15	4.47	3.65
1.27	3.64	4.73	3.69	3.4	0.97	5.83	5.21	4.78	4.34	3.79	3.11	2.34	1.6	0.97	0.52	0.23	0.07	0.01	0.004	0.001	6.95	6.2	5.67	5.14	4.46	3.64
2.15	3.64	4.75	3.69	3.38	0.97	5.86	5.24	4.8	4.36	3.8	3.12	2.35	1.6	0.98	0.52	0.23	0.08	0.02	0.004	0.001	6.95	6.2	5.66	5.13	4.45	3.63
2.3	3.64	4.72	3.67	3.41	0.97	5.9	5.27	4.82	4.37	3.81	3.13	2.35	1.61	0.98	0.53	0.24	0.08	0.02	0.005	0	6.94	6.19	5.65	5.12	4.44	3.62
1.94	3.64	4.73	3.65	3.37	0.97	5.93	5.3	4.84	4.39	3.82	3.14	2.36	1.62	0.99	0.53	0.24	0.08	0.02	0.006	-0.001	6.93	6.18	5.64	5.1	4.42	3.6
1.72	3.67	4.73	3.68	3.38	0.97	5.95	5.32	4.86	4.4	3.83	3.15	2.37	1.63	1	0.54	0.24	0.08	0.02	0.007	-0.001	6.92	6.17	5.62	5.09	4.41	3.59
1.89	3.67	4.72	3.7	3.39	0.97	5.97	5.34	4.88	4.42	3.85	3.16	2.39	1.64	1.01	0.55	0.25	0.09	0.02	0.01	0.001	6.9	6.15	5.61	5.07	4.4	3.59
2.07	3.67	4.73	3.68	3.38	0.97	5.99	5.36	4.9	4.44	3.87	3.19	2.41	1.66	1.03	0.56	0.26	0.09	0.03	0.01	0.002	6.87	6.14	5.59	5.06	4.39	3.59
1.92	3.65	4.71	3.68	3.37	0.97	6.01	5.38	4.92	4.47	3.9	3.21	2.44	1.69	1.05	0.57	0.26	0.09	0.03	0.01	0.003	6.85	6.12	5.58	5.06	4.4	3.6
2.14	3.66	4.71	3.68	3.36	0.97	6.03	5.4	4.94	4.49	3.93	3.25	2.47	1.71	1.07	0.58	0.26	0.09	0.03	0.01	0.003	6.82	6.1	5.57	5.06	4.41	3.62
2.19	3.66	4.73	3.68	3.36	0.97	6.04	5.41	4.97	4.52	3.97	3.29	2.51	1.75	1.09	0.59	0.26	0.09	0.03	0.01	0.003	6.8	6.08	5.57	5.06	4.42	3.65
2.17	3.65	4.74	3.66	3.36	0.97	6.06	5.43	4.99	4.56	4.01	3.34	2.56	1.79	1.11	0.6	0.26	0.09	0.02	0.01	0.002	6.77	6.06	5.56	5.07	4.44	3.68
2.12	3.66	4.73	3.68	3.38	0.97	6.07	5.45	5.02	4.59	4.05	3.39	2.61	1.83	1.14	0.61	0.27	0.09	0.02	0.008	0.001	6.75	6.05	5.56	5.08	4.47	3.72
1.86	3.67	4.74	3.69	3																						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.87	3.66	4.72	3.66	3.38	0.96	6.63	5.98	5.54	5.14	4.61	3.92	3.06	2.14	1.31	0.69	0.3	0.1	0.02	0.008	0.002	6.71	6.04	5.59	5.16	4.63	3.93
1.9	3.67	4.74	3.69	3.35	0.96	6.64	5.99	5.55	5.14	4.62	3.94	3.08	2.15	1.32	0.69	0.31	0.1	0.02	0.008	0.003	6.71	6.03	5.58	5.16	4.63	3.94
2.06	3.68	4.74	3.67	3.35	0.96	6.65	5.99	5.56	5.15	4.63	3.96	3.1	2.17	1.34	0.7	0.31	0.11	0.03	0.01	0.004	6.71	6.03	5.58	5.16	4.63	3.95
2.02	3.68	4.7	3.65	3.36	0.96	6.67	6	5.56	5.16	4.65	3.98	3.12	2.2	1.35	0.71	0.31	0.11	0.03	0.01	0.005	6.71	6.03	5.58	5.16	4.64	3.97
1.63	3.67	4.76	3.68	3.39	0.96	6.68	6.01	5.57	5.17	4.66	4	3.15	2.22	1.37	0.72	0.31	0.11	0.03	0.01	0.007	6.73	6.03	5.58	5.17	4.65	3.98
1.53	3.67	4.74	3.66	3.38	0.97	6.7	6.03	5.58	5.18	4.68	4.02	3.18	2.24	1.38	0.72	0.31	0.11	0.03	0.01	0.008	6.74	6.04	5.58	5.17	4.66	4
1.52	3.68	4.73	3.68	3.39	0.97	6.73	6.04	5.59	5.19	4.69	4.05	3.2	2.27	1.4	0.73	0.31	0.11	0.03	0.01	0.009	6.76	6.05	5.59	5.18	4.68	4.02
2.02	3.7	4.74	3.67	3.38	0.97	6.75	6.05	5.6	5.2	4.71	4.07	3.22	2.29	1.41	0.73	0.31	0.11	0.03	0.01	0.009	6.78	6.06	5.6	5.19	4.69	4.04
1.75	3.68	4.74	3.69	3.36	0.97	6.76	6.06	5.6	5.21	4.72	4.08	3.24	2.3	1.42	0.73	0.31	0.11	0.03	0.01	0.009	6.8	6.07	5.6	5.2	4.7	4.06
1.56	3.69	4.74	3.7	3.37	0.97	6.78	6.07	5.61	5.22	4.73	4.1	3.26	2.32	1.43	0.73	0.31	0.1	0.03	0.01	0.008	6.81	6.07	5.6	5.2	4.71	4.07
1.69	3.67	4.74	3.69	3.37	0.97	6.78	6.07	5.61	5.22	4.74	4.11	3.27	2.33	1.43	0.73	0.3	0.1	0.03	0.01	0.009	6.81	6.08	5.61	5.21	4.72	4.08
1.84	3.68	4.73	3.67	3.39	0.98	6.78	6.07	5.61	5.23	4.74	4.11	3.28	2.34	1.44	0.74	0.31	0.1	0.03	0.01	0.009	6.81	6.08	5.61	5.21	4.73	4.09
1.95	3.68	4.75	3.7	3.4	0.98	6.78	6.07	5.61	5.23	4.75	4.12	3.28	2.34	1.44	0.74	0.31	0.1	0.03	0.01	0.01	6.81	6.08	5.61	5.22	4.73	4.09
1.81	3.66	4.73	3.68	3.42	0.98	6.77	6.07	5.61	5.23	4.75	4.12	3.29	2.34	1.44	0.74	0.31	0.11	0.04	0.01	0.01	6.81	6.08	5.62	5.22	4.74	4.1
1.95	3.68	4.71	3.69	3.38	0.98	6.77	6.07	5.62	5.24	4.75	4.12	3.28	2.34	1.44	0.74	0.31	0.11	0.04	0.01	0.01	6.82	6.09	5.63	5.23	4.74	4.1
1.87	3.69	4.76	3.68	3.39	0.98	6.78	6.08	5.63	5.25	4.76	4.12	3.28	2.33	1.44	0.74	0.31	0.11	0.04	0.01	0.01	6.83	6.1	5.64	5.25	4.75	4.1
2.21	3.71	4.74	3.66	3.43	0.98	6.78	6.09	5.64	5.25	4.76	4.11	3.27	2.32	1.44	0.74	0.31	0.11	0.04	0.02	0.01	6.84	6.12	5.66	5.26	4.76	4.11
2.24	3.7	4.72	3.69	3.41	0.98	6.79	6.1	5.65	5.26	4.76	4.11	3.26	2.32	1.43	0.74	0.31	0.12	0.04	0.02	0.01	6.87	6.15	5.68	5.28	4.78	4.11
1.6	3.7	4.74	3.68	3.36	0.98	6.8	6.11	5.66	5.27	4.76	4.1	3.25	2.3	1.42	0.74	0.31	0.12	0.04	0.02	0.01	6.89	6.17	5.71	5.3	4.79	4.11
2.13	3.68	4.74	3.68	3.37	0.98	6.81	6.12	5.67	5.27	4.76	4.09	3.24	2.29	1.42	0.74	0.31	0.12	0.04	0.02	0.01	6.92	6.2	5.73	5.32	4.8	4.11
2.11	3.71	4.74	3.67	3.39	0.99	6.82	6.12	5.67	5.27	4.75	4.08	3.22	2.28	1.41	0.73	0.31	0.12	0.04	0.02	0.01	6.95	6.22	5.75	5.33	4.8	4.11
2.11	3.72	4.75	3.68	3.38	0.99	6.82	6.12	5.67	5.26	4.74	4.07	3.21	2.27	1.4	0.73	0.31	0.12	0.04	0.02	0.01	6.97	6.23	5.76	5.34	4.81	4.12
1.86	3.69	4.75	3.67	3.37	0.99	6.81	6.11	5.66	5.26	4.74	4.06	3.2	2.25	1.39	0.72	0.31	0.12	0.04	0.02	0.01	6.98	6.25	5.78	5.35	4.82	4.12
1.66	3.68	4.73	3.68	3.38	0.99	6.79	6.1	5.65	5.25	4.73	4.05	3.19	2.24	1.38	0.71	0.31	0.11	0.04	0.02	0.01	6.98	6.25	5.79	5.36	4.82	4.12
1.64	3.67	4.72	3.68	3.37	0.99	6.76	6.08	5.64	5.24	4.72	4.04	3.18	2.23	1.37	0.71	0.3	0.11	0.04	0.02	0.01	6.98	6.26	5.8	5.37	4.83	4.13
1.81	3.7	4.75	3.68	3.39	0.99	6.73	6.07	5.63	5.23	4.71	4.04	3.17	2.22	1.35	0.7	0.3	0.11	0.04	0.01	0.009	6.98	6.27	5.81	5.39	4.84	4.14
2.1	3.68	4.76	3.68	3.38	0.98	6.7	6.05	5.62	5.22	4.71	4.03	3.16	2.2	1.34	0.69	0.3	0.11	0.03	0.01	0.009	6.97	6.27	5.82	5.4	4.86	4.15
1.94	3.68	4.74	3.66	3.37	0.98	6.66	6.03	5.6	5.21	4.7	4.02	3.14	2.19	1.33	0.68	0.29	0.11	0.03	0.01	0.008	6.96	6.28	5.83	5.41	4.87	4.15
1.86	3.68	4.73	3.68	3.39	0.98	6.63	6.02	5.6	5.21	4.69	4.01	3.13	2.17	1.31	0.67	0.29	0.1	0.03	0.01	0.008	6.95	6.29	5.84	5.43	4.88	4.16
2.03	3.67	4.72	3.7	3.39	0.98	6.61	6	5.59	5.2	4.68	4	3.11	2.14	1.29	0.65	0.28	0.1	0.03	0.01	0.007	6.95	6.3	5.85	5.44	4.89	4.16
2.01	3.68	4.75	3.67	3.37	0.98	6.59	6	5.58	5.2	4.67	3.98	3.08	2.11	1.26	0.64	0.27	0.1	0.03	0.01	0.007	6.96	6.32	5.87	5.46	4.9	4.15
1.23	3.68	4.75	3.7	3.38	0.98	6.58	5.99	5.58	5.19	4.66	3.95	3.04	2.08	1.23	0.62	0.27	0.09	0.03	0.01	0.006	6.97	6.34	5.89	5.47	4.9	4.14
2.16	3.69	4.75	3.67	3.39	0.98	6.59	6	5.58	5.19	4.64	3.92	3	2.04	1.2	0.61	0.26	0.09	0.03	0.01	0.005	7	6.36	5.91	5.48	4.89	4.11
2.27	3.69	4.75	3.64	3.44	0.98	6.6	6	5.58	5.18	4.62	3.88	2.95	1.99	1.17	0.59	0.26	0.09	0.02	0.01	0.005	7.03	6.38	5.92	5.49	4.88	4.08
2.25	3.79	4.77	3.74	3.46	0.97	6.61	6.01	5.59	5.17	4.59	3.83	2.9	1.94	1.14	0.58	0.25	0.09	0.02	0.01	0.004	7.06	6.41	5.94	5.49	4.87	4.05
2.15	3.81	4.77	3.75	3.48	0.97	6.63	6.02	5.59	5.16	4.57	3.79	2.84	1.89	1.11	0.56	0.25	0.09	0.02	0.008	0.003	7.09	6.43	5.96	5.49	4.85	4
1.84	3.69	4.74	3.67	3.38	0.97	6.65	6.03	5.59	5.15	4.54	3.74	2.78	1.84	1.08	0.55	0.24	0.09	0.02	0.007	0.002	7.12	6.45	5.97	5.49	4.82	3.95
1.88	3.68	4.75	3.63	3.38	0.97	6.67	6.05	5.6	5.14	4.51	3.69	2.72	1.79	1.05	0.54	0.24	0.09	0.02	0.006	0.002	7.14	6.46	5.98	5.48	4.79	3.9
1.86	3.68	4.74	3.63	3.37	0.97	6.69	6.06	5.6	5.13	4.48	3.64	2.67	1.74	1.02	0.53	0.24	0.09	0.02	0.007	0.002	7.16	6.48	5.99	5.47	4.76	3.85
1.76	3.71	4.75	3.68	3.41	0.97	6.7	6.07	5.61	5.12	4.45	3.59	2.61	1.69	0.99	0.52	0.24	0.09	0.02	0.007	0.002	7.18	6.49	5.99	5.46	4.73	3.8
1.62	3.72	4.74	3.71	3.47	0.98	6.71	6.08	5.61	5.11	4.42	3.54	2.56	1.65	0.96	0.51	0.23	0.09	0.02	0.008	0.002	7.18	6.5	6	5.45	4.7	3.75
2.2	3.72	4.76	3.69	3.37	0.98	6.71	6.08	5.61	5.1	4.39	3.5	2.5	1.6	0.94	0.5	0.23	0.09	0.02	0.008	0.002	7.19	6.51	6	5.44	4.67	3.71
2.1	3.75	4.75	3.69	3.36	0.98	6.72	6.09	5.62	5.09	4.36	3.45	2.45	1.56	0.92	0.49	0.23	0.09	0.02	0.008	0.002	7.19	6.52	6	5.43	4.64	3.66
1.59	3.66	4.75	3.65	3.39	0.99	6.72	6.1	5.62	5.08	4.33	3.41	2.41	1.53	0.9	0.48	0.23	0.09	0.02	0.009	0.002	7.2	6.53	6	5.41	4.6	3.61
1.94	3.67	4.74	3.67	3.38	0.99	6.73	6.11	5.62	5.06	4.3	3.37	2.36	1.49	0.88	0.48	0.23	0.09	0.02	0.009	0.002	7.2	6.53	6	5.39	4.57	3.57
1.81	3.72	4.76	3.67	3.39	1	6.73	6.11	5.61	5.05	4.27	3.33	2.32	1.46	0.86	0.47	0.22	0.09	0.02	0.009	0.002	7.19	6.53	5.98	5.37	4.54	3.52
1.62	3.67	4.74	3.67	3.38	1	6.73	6.11	5.6	5.02	4.24	3.29	2.28	1.44	0.85	0.46	0.22	0.09	0.02	0.009	0.001	7.18	6.52	5.97	5.34	4.49	3.47
1.87	3.65	4.74	3.63	3.4	1	6.73	6.11	5.59	5	4.2	3.24	2.24	1.41	0.83	0.46	0.22	0.09	0.02	0.009	0.001	7.17	6.51	5.94	5.31	4.45	3.42
1.74	3.68	4.74	3.68	3.39	1.01	6.72	6.11	5.57	4.97	4.16	3.2	2.21	1.39	0.82	0.45	0.22	0.09	0.02	0.009	0.001	7.15	6.49	5.92	5.27	4.4	3.37
1.73	3.67	4.72	3.68	3.4	1.01	6.72	6.1	5.55	4.93	4.12	3.16	2.18														

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.97	3.7	4.74	3.68	3.4	1.01	7.73	7.23	6.74	6.17	5.33	4.23	2.97	1.81	0.95	0.43	0.16	0.05	0.01	0.004	0.001	7.56	7.06	6.56	5.99	5.16	4.1
1.44	3.7	4.76	3.66	3.43	1.01	7.75	7.27	6.79	6.22	5.39	4.3	3.04	1.86	0.98	0.43	0.16	0.04	0.008	0.003	0	7.59	7.1	6.61	6.05	5.23	4.17
1.36	3.71	4.74	3.68	3.4	1.02	7.77	7.3	6.82	6.27	5.44	4.36	3.09	1.89	0.99	0.43	0.15	0.04	0.005	0.001	-0.001	7.62	7.14	6.66	6.1	5.29	4.23
1.95	3.71	4.74	3.68	3.41	1.02	7.79	7.33	6.85	6.3	5.48	4.4	3.13	1.93	1.01	0.44	0.15	0.04	0.003	0	-0.001	7.65	7.18	6.7	6.14	5.33	4.27
1.8	3.71	4.74	3.71	3.41	1.03	7.8	7.34	6.87	6.32	5.5	4.42	3.16	1.95	1.02	0.44	0.15	0.03	0.003	0.001	0	7.67	7.2	6.72	6.17	5.35	4.3
2	3.71	4.75	3.66	3.42	1.03	7.8	7.35	6.87	6.32	5.51	4.44	3.18	1.97	1.04	0.45	0.15	0.03	0.003	0.001	0	7.68	7.22	6.74	6.18	5.37	4.32
1.08	3.69	4.73	3.7	3.4	1.03	7.79	7.34	6.87	6.32	5.51	4.45	3.19	1.99	1.05	0.45	0.15	0.03	0.003	0.001	0	7.68	7.22	6.74	6.19	5.38	4.33
1.93	3.69	4.73	3.67	3.41	1.03	7.77	7.33	6.86	6.31	5.5	4.45	3.2	2	1.05	0.45	0.15	0.03	0.003	0.001	0	7.67	7.22	6.74	6.19	5.38	4.34
2.01	3.69	4.73	3.68	3.4	1.03	7.75	7.31	6.85	6.31	5.5	4.45	3.21	2.01	1.06	0.46	0.15	0.03	0.003	0.001	0	7.67	7.21	6.74	6.19	5.39	4.35
1.94	3.68	4.75	3.7	3.38	1.02	7.73	7.3	6.84	6.3	5.51	4.46	3.22	2.02	1.07	0.46	0.15	0.03	0.002	0.001	0.001	7.65	7.2	6.74	6.19	5.4	4.37
1.51	3.68	4.73	3.66	3.4	1.02	7.72	7.29	6.84	6.3	5.52	4.48	3.24	2.03	1.07	0.46	0.15	0.03	0.002	0.001	0.001	7.64	7.19	6.74	6.2	5.41	4.38
1.63	3.66	4.75	3.68	3.41	1.02	7.71	7.28	6.84	6.31	5.53	4.5	3.26	2.04	1.08	0.46	0.15	0.03	0.002	0.001	0.002	7.63	7.19	6.74	6.21	5.43	4.4
1.5	3.69	4.75	3.66	3.38	1.02	7.7	7.28	6.84	6.32	5.55	4.52	3.27	2.05	1.08	0.46	0.14	0.03	0.002	0.001	0.002	7.63	7.19	6.74	6.22	5.45	4.42
1.75	3.69	4.73	3.66	3.36	1.01	7.69	7.28	6.85	6.34	5.57	4.54	3.29	2.06	1.08	0.46	0.14	0.03	0.002	0.001	0.003	7.62	7.19	6.75	6.23	5.46	4.44
2.12	3.7	4.74	3.68	3.37	1.01	7.69	7.28	6.85	6.35	5.59	4.55	3.3	2.06	1.08	0.46	0.14	0.02	0.002	0.001	0.003	7.61	7.19	6.75	6.24	5.48	4.45
2.14	3.72	4.75	3.65	3.39	1.01	7.68	7.28	6.86	6.35	5.59	4.56	3.3	2.06	1.08	0.45	0.14	0.02	0.002	0.001	0.003	7.59	7.18	6.75	6.24	5.48	4.46
1.96	3.7	4.74	3.67	3.43	1	7.67	7.28	6.85	6.35	5.59	4.56	3.29	2.05	1.08	0.45	0.14	0.02	0.002	0.001	0.003	7.57	7.17	6.74	6.23	5.47	4.45
1.11	3.69	4.74	3.69	3.42	1	7.65	7.27	6.84	6.34	5.57	4.54	3.27	2.04	1.07	0.45	0.14	0.02	0.002	0.001	0.003	7.55	7.15	6.72	6.21	5.45	4.42
1.92	3.67	4.74	3.67	3.39	1	7.64	7.26	6.83	6.31	5.55	4.51	3.24	2.01	1.05	0.44	0.14	0.02	0.002	0.001	0.003	7.53	7.14	6.7	6.18	5.41	4.39
1.59	3.69	4.72	3.68	3.37	1	7.63	7.25	6.82	6.29	5.51	4.46	3.2	1.98	1.04	0.44	0.13	0.02	0.002	0	0.003	7.51	7.12	6.68	6.15	5.37	4.34
2.07	3.69	4.74	3.63	3.38	0.99	7.62	7.24	6.81	6.26	5.47	4.41	3.15	1.95	1.02	0.43	0.13	0.03	0.002	0	0.002	7.49	7.1	6.66	6.11	5.32	4.28
1.94	3.69	4.73	3.65	3.37	0.99	7.63	7.24	6.8	6.24	5.43	4.36	3.1	1.91	0.99	0.42	0.13	0.03		0	0.002	7.48	7.09	6.64	6.08	5.27	4.23
1.85	3.7	4.73	3.68	3.38	0.99	7.63	7.24	6.79	6.22	5.39	4.31	3.04	1.86	0.97	0.41	0.13	0.03		0	0.002	7.48	7.08	6.62	6.04	5.22	4.17
1.45	3.69	4.74	3.67	3.39	0.99	7.64	7.25	6.78	6.2	5.35	4.26	2.99	1.82	0.95	0.41	0.13	0.03		0	0.002	7.47	7.07	6.6	6.02	5.18	4.11
1.83	3.68	4.75	3.65	3.4	0.98	7.65	7.25	6.78	6.18	5.32	4.21	2.94	1.78	0.92	0.4	0.13	0.03		0	0.002	7.46	7.06	6.58	5.99	5.13	4.05
2.01	3.69	4.74	3.71	3.39	0.98	7.65	7.26	6.77	6.17	5.29	4.17	2.89	1.73	0.9	0.39	0.13	0.03	0.002	0	0.002	7.46	7.05	6.56	5.96	5.09	4
1.72	3.68	4.74	3.71	3.38	0.98	7.66	7.26	6.77	6.16	5.27	4.13	2.84	1.69	0.87	0.38	0.13	0.03	0.002	0	0.002	7.44	7.04	6.54	5.93	5.06	3.95
1.79	3.67	4.75	3.68	3.38	0.97	7.67	7.26	6.76	6.14	5.24	4.09	2.79	1.66	0.85	0.37	0.13	0.03	0.002	0	0.002	7.43	7.02	6.52	5.9	5.02	3.91
1.61	3.67	4.76	3.67	3.36	0.97	7.68	7.27	6.76	6.14	5.22	4.06	2.76	1.62	0.83	0.36	0.13	0.03	0.002	0.001	0.002	7.43	7.01	6.5	5.88	4.99	3.87
1.29	3.68	4.74	3.65	3.36	0.96	7.71	7.28	6.77	6.13	5.21	4.03	2.72	1.59	0.81	0.36	0.13	0.03	0.002	0.001	0.002	7.43	7	6.48	5.86	4.96	3.83
2.06	3.67	4.76	3.66	3.36	0.96	7.74	7.3	6.78	6.14	5.2	4.01	2.69	1.57	0.8	0.35	0.12	0.03	0.003	0.001	0.002	7.44	7	6.48	5.85	4.94	3.8
1.93	3.67	4.75	3.65	3.39	0.96	7.78	7.33	6.81	6.15	5.2	3.99	2.67	1.54	0.78	0.34	0.12	0.03	0.003	0.001	0.001	7.47	7.01	6.49	5.84	4.92	3.77
1.82	3.68	4.75	3.68	3.37	0.96	7.84	7.38	6.84	6.18	5.21	3.98	2.65	1.52	0.77	0.34	0.12	0.03	0.004	0.001	0.001	7.5	7.03	6.51	5.85	4.92	3.75
1.98	3.68	4.74	3.66	3.37	0.96	7.89	7.43	6.89	6.21	5.22	3.98	2.63	1.51	0.76	0.33	0.12	0.03	0.004	0.002	0.001	7.54	7.06	6.53	5.87	4.92	3.74
1.67	3.68	4.76	3.71	3.35	0.96	7.94	7.47	6.94	6.25	5.24	3.98	2.62	1.5	0.75	0.33	0.12	0.03	0.004	0.002	0.002	7.57	7.09	6.56	5.89	4.92	3.73
1.21	3.7	4.73	3.67	3.39	0.96	7.99	7.52	6.98	6.28	5.26	3.98	2.61	1.48	0.74	0.32	0.11	0.03	0.004	0.002	0.002	7.6	7.12	6.58	5.9	4.93	3.72
1.7	3.68	4.74	3.67	3.39	0.96	8.02	7.56	7.02	6.31	5.28	3.98	2.6	1.47	0.74	0.32	0.11	0.02	0.004	0.002	0.002	7.61	7.13	6.6	5.92	4.93	3.71
1.62	3.69	4.73	3.68	3.4	0.96	8.05	7.59	7.05	6.34	5.29	3.98	2.59	1.46	0.73	0.32	0.11	0.02	0.003	0.001	0.003	7.61	7.15	6.62	5.93	4.93	3.71
2.02	3.69	4.76	3.68	3.39	0.96	8.06	7.61	7.07	6.36	5.3	3.98	2.59	1.45	0.72	0.31	0.11	0.02	0.003	0.001	0.003	7.61	7.15	6.62	5.93	4.93	3.7
2.14	3.68	4.76	3.7	3.38	0.96	8.08	7.63	7.09	6.37	5.31	3.98	2.58	1.45	0.72	0.31	0.1	0.02	0.003	0.001	0.003	7.61	7.16	6.62	5.93	4.92	3.69
1.83	3.68	4.73	3.69	3.38	0.96	8.1	7.66	7.11	6.38	5.31	3.97	2.57	1.44	0.71	0.3	0.1	0.02	0.003	0.001	0.004	7.61	7.16	6.62	5.93	4.91	3.67
1.2	3.68	4.74	3.67	3.39	0.96	8.12	7.68	7.12	6.39	5.31	3.96	2.56	1.43	0.71	0.3	0.1	0.02	0.002	0.001	0.004	7.61	7.16	6.62	5.92	4.9	3.65
1.87	3.68	4.74	3.67	3.37	0.96	8.15	7.7	7.14	6.4	5.3	3.95	2.54	1.42	0.7	0.3	0.1	0.02	0.002	0.001	0.004	7.63	7.17	6.62	5.91	4.88	3.63
2.12	3.7	4.76	3.67	3.36	0.96	8.18	7.73	7.15	6.4	5.29	3.93	2.53	1.42	0.7	0.3	0.1	0.02	0.002	0.001	0.004	7.64	7.18	6.62	5.9	4.86	3.61
2.35	3.69	4.73	3.66	3.38	0.96	8.21	7.75	7.16	6.4	5.28	3.91	2.51	1.41	0.7	0.29	0.1	0.02	0.002	0.001	0.004	7.66	7.19	6.61	5.88	4.83	3.58
2	3.71	4.74	3.72	3.37	0.96	8.25	7.77	7.17	6.39	5.26	3.89	2.49	1.4	0.69	0.29	0.1	0.02	0.003	0.001	0.003	7.68	7.19	6.6	5.86	4.8	3.55
2.07	3.71	4.73	3.68	3.4	0.96	8.28	7.79	7.17	6.38	5.24	3.86	2.47	1.39	0.69	0.29	0.1	0.02	0.004	0.002	0.002	7.69	7.18	6.59	5.83	4.77	3.52
2.11	3.71	4.77	3.67	3.37	0.96	8.31	7.79	7.17	6.37	5.22	3.84	2.45	1.38	0.69	0.29	0.1	0.02	0.004	0.002	0.002	7.7	7.18	6.57	5.81	4.74	3.49
2.07	3.7	4.74	3.72	3.39	0.96	8.33	7.8	7.17	6.36	5.2	3.82	2.44	1.37	0.68	0.29	0.1	0.02	0.005	0.002	0.001	7.7	7.17	6.56	5.78	4.71	3.46
2.12	3.69	4.73	3.67	3.37	0.97	8.36	7.82	7.18	6.																	

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6	
2.01	3.7	4.73	3.69	3.42	0.97	8.52	7.7	6.94	6.03	4.77	3.31	1.88	0.87	0.33	0.11	0.02			0.004	0.001	0.004	7.52	6.72	6.02	5.2	4.11	2.86
1.99	3.7	4.75	3.68	3.41	0.98	8.39	7.5	6.7	5.76	4.49	3.06	1.72	0.79	0.3	0.1	0.03			0.004	0	0.002	7.39	6.52	5.79	4.96	3.87	2.65
1.49	3.71	4.75	3.66	3.42	0.98	8.25	7.26	6.41	5.45	4.19	2.81	1.55	0.71	0.28	0.1	0.03			0.002	0.002	0.002	7.23	6.3	5.53	4.69	3.61	2.44
1.88	3.7	4.75	3.68	3.39	0.99	8.08	7	6.11	5.12	3.88	2.56	1.4	0.65	0.26	0.1	0.03			0	0.002	0.001	7.07	6.05	5.26	4.4	3.34	2.23
2	3.72	4.73	3.67	3.4	0.99	7.9	6.71	5.78	4.79	3.57	2.32	1.26	0.58	0.25	0.1	0.04	0.01		0.001	0.003	0	6.89	5.8	4.97	4.12	3.08	2.03
2.09	3.73	4.74	3.71	3.42	1	7.73	6.43	5.46	4.46	3.27	2.1	1.13	0.53	0.23	0.1	0.04	0.01		0.002	0.003	0	6.73	5.54	4.7	3.84	2.83	1.84
1.88	3.72	4.76	3.71	3.39	1	7.57	6.16	5.16	4.15	3	1.9	1.02	0.49	0.22	0.1	0.04	0.01		0.004	0.003	0	6.58	5.31	4.44	3.58	2.6	1.67
1.87	3.73	4.75	3.69	3.39	1	7.43	5.91	4.88	3.87	2.75	1.73	0.93	0.45	0.21	0.1	0.04	0.01		0.003	0.002	0	6.46	5.1	4.21	3.34	2.4	1.53
1.91	3.74	4.75	3.67	3.41	1.01	7.34	5.72	4.65	3.64	2.55	1.59	0.86	0.42	0.2	0.1	0.04	0.01		0.002	0.002	0	6.38	4.93	4.01	3.15	2.23	1.41
1.61	3.72	4.73	3.69	3.42	1.01	7.29	5.57	4.47	3.45	2.39	1.48	0.8	0.4	0.2	0.09	0.04	0.01		0.002	0.002	0	6.35	4.81	3.87	2.99	2.09	1.31
1.42	3.73	4.76	3.69	3.43	1.01	7.29	5.49	4.34	3.31	2.26	1.39	0.76	0.39	0.19	0.09	0.04	0.01		0.001	0.002	-0.001	6.36	4.75	3.76	2.88	1.99	1.24
2.01	3.72	4.74	3.71	3.41	1.01	7.33	5.45	4.26	3.2	2.17	1.32	0.72	0.37	0.19	0.09	0.04	0.01		0	0.002	-0.001	6.41	4.72	3.7	2.79	1.91	1.18
1.79	3.72	4.75	3.7	3.4	1.01	7.4	5.45	4.21	3.13	2.09	1.27	0.69	0.36	0.18	0.09	0.03			0.001	0.002	-0.001	6.49	4.74	3.66	2.74	1.85	1.14
1.41	3.73	4.75	3.7	3.41	1.01	7.5	5.48	4.18	3.08	2.04	1.23	0.67	0.35	0.18	0.09	0.03			0	0.002	-0.001	6.6	4.77	3.65	2.7	1.81	1.1
1.55	3.72	4.77	3.72	3.39	1.01	7.59	5.51	4.17	3.03	1.99	1.19	0.65	0.33	0.17	0.09	0.03			0.001	0.002	-0.001	6.71	4.82	3.65	2.67	1.77	1.07
1.98	3.72	4.75	3.69	3.47	1.01	7.67	5.54	4.16	3	1.95	1.16	0.63	0.32	0.17	0.08	0.03			0.001	0.002	-0.001	6.81	4.87	3.65	2.65	1.74	1.05
1.66	3.71	4.76	3.68	3.45	1.01	7.73	5.55	4.13	2.95	1.91	1.13	0.61	0.31	0.16	0.08	0.03			0.001	0.002	-0.001	6.9	4.9	3.64	2.62	1.71	1.02
2	3.72	4.76	3.67	3.4	1.01	7.75	5.53	4.09	2.9	1.86	1.1	0.59	0.3	0.16	0.08	0.03			0.001	0.002	-0.001	6.95	4.9	3.62	2.59	1.68	1
2.04	3.7	4.75	3.72	3.42	1.01	7.73	5.48	4.03	2.84	1.82	1.07	0.57	0.3	0.15	0.07	0.03			0	0.002	0	6.97	4.87	3.58	2.54	1.64	0.98
1.98	3.72	4.76	3.7	3.4	1.01	7.68	5.4	3.95	2.78	1.77	1.04	0.56	0.29	0.15	0.07	0.03	0.01		0	0.002	0	6.95	4.82	3.53	2.49	1.61	0.95
1.71	3.73	4.75	3.67	3.4	1.01	7.59	5.29	3.85	2.7	1.72	1.01	0.54	0.28	0.15	0.07	0.03	0.01	0.001	0.002	0	6.9	4.74	3.46	2.44	1.57	0.93	
1.62	3.7	4.72	3.69	3.39	1.01	7.47	5.15	3.75	2.62	1.67	0.98	0.53	0.28	0.14	0.07	0.03	0.01	0.001	0.002	-0.001	6.81	4.65	3.38	2.38	1.53	0.91	
1.69	3.69	4.75	3.66	3.39	1	7.33	5	3.63	2.54	1.62	0.96	0.52	0.27	0.14	0.07	0.03	0.01	0.002	0.002	-0.001	6.7	4.53	3.29	2.31	1.49	0.89	
1.96	3.71	4.77	3.7	3.4	1	7.15	4.84	3.51	2.46	1.57	0.93	0.51	0.27	0.14	0.07	0.03	0.01	0.003	0.002	-0.001	6.55	4.39	3.19	2.25	1.45	0.87	
1.94	3.71	4.74	3.66	3.42	1	6.95	4.68	3.39	2.38	1.53	0.91	0.5	0.27	0.14	0.07	0.03	0.01	0.003	0.002	-0.001	6.38	4.26	3.09	2.18	1.41	0.85	
1.92	3.69	4.74	3.67	3.4	0.99	6.74	4.51	3.27	2.3	1.48	0.89	0.49	0.26	0.14	0.07	0.03	0.01	0.004	0.003	-0.002	6.19	4.11	2.99	2.12	1.37	0.83	
1.59	3.69	4.76	3.69	3.38	0.99	6.51	4.34	3.15	2.23	1.44	0.86	0.48	0.26	0.14	0.07	0.03	0.01	0.004	0.003	-0.002	5.99	3.97	2.89	2.05	1.34	0.81	
1.68	3.69	4.73	3.66	3.38	0.98	6.28	4.17	3.03	2.16	1.4	0.84	0.47	0.25	0.14	0.07	0.03	0.01	0.005	0.004	-0.002	5.79	3.82	2.79	1.99	1.3	0.79	
2.02	3.69	4.72	3.68	3.38	0.98	6.06	4.01	2.93	2.09	1.36	0.82	0.46	0.25	0.13	0.07	0.03	0.01	0.005	0.004	-0.002	5.59	3.69	2.7	1.93	1.26	0.77	
1.87	3.67	4.72	3.7	3.39	0.98	5.86	3.87	2.83	2.02	1.32	0.8	0.45	0.25	0.13	0.07	0.03	0.01	0.006	0.005	-0.001	5.41	3.56	2.61	1.87	1.23	0.76	
1.34	3.68	4.74	3.71	3.39	0.98	5.69	3.74	2.74	1.96	1.28	0.78	0.44	0.24	0.13	0.07	0.03	0.01	0.006	0.006	-0.001	5.26	3.45	2.53	1.82	1.2	0.74	
1.96	3.69	4.73	3.67	3.37	0.98	5.56	3.64	2.66	1.91	1.25	0.76	0.43	0.24	0.13	0.07	0.03	0.01	0.007	0.006	0	5.15	3.36	2.47	1.78	1.17	0.72	
1.67	3.68	4.74	3.67	3.35	0.98	5.49	3.56	2.6	1.86	1.22	0.75	0.42	0.24	0.13	0.06	0.03	0.01	0.007	0.006	0	5.09	3.3	2.42	1.74	1.14	0.71	
1.79	3.67	4.72	3.66	3.37	0.98	5.45	3.51	2.56	1.82	1.19	0.73	0.42	0.23	0.13	0.06	0.03	0.01	0.008	0.007	0	5.07	3.26	2.38	1.71	1.12	0.69	
1.65	3.67	4.71	3.66	3.38	0.98	5.45	3.49	2.53	1.79	1.17	0.72	0.41	0.23	0.12	0.06	0.03	0.01	0.008	0.008	0.001	5.08	3.24	2.36	1.68	1.1	0.68	
1.82	3.7	4.7	3.65	3.38	0.98	5.47	3.48	2.51	1.77	1.15	0.7	0.4	0.23	0.12	0.06	0.03	0.01	0.009	0.008	0.001	5.11	3.24	2.34	1.66	1.08	0.67	
2.02	3.71	4.76	3.69	3.38	0.98	5.5	3.48	2.49	1.75	1.13	0.69	0.4	0.22	0.12	0.06	0.03	0.01	0.008	0.009	0.001	5.15	3.25	2.34	1.65	1.07	0.66	
2.01	3.7	4.75	3.66	3.41	0.98	5.53	3.49	2.49	1.73	1.11	0.68	0.39	0.22	0.12	0.06	0.03	0.01	0.008	0.009	0.001	5.2	3.27	2.34	1.64	1.06	0.65	
1.79	3.68	4.75	3.68	3.38	0.98	5.55	3.5	2.48	1.72	1.1	0.67	0.38	0.22	0.12	0.06	0.03	0.01	0.008	0.009	0.001	5.23	3.3	2.34	1.63	1.05	0.64	
2.07	3.7	4.76	3.68	3.37	0.98	5.56	3.51	2.48	1.72	1.09	0.66	0.38	0.21	0.12	0.06	0.03	0.01	0.008	0.01	0.001	5.27	3.32	2.35	1.63	1.04	0.63	
1.83	3.69	4.74	3.71	3.37	0.99	5.56	3.53	2.49	1.72	1.08	0.65	0.37	0.21	0.12	0.06	0.03	0.02	0.008	0.01	0.002	5.29	3.35	2.37	1.64	1.04	0.63	
1.93	3.68	4.72	3.66	3.38	0.99	5.56	3.54	2.5	1.72	1.08	0.65	0.37	0.21	0.12	0.06	0.03	0.02	0.009	0.01	0.002	5.32	3.38	2.39	1.65	1.04	0.62	
1.88	3.7	4.76	3.68	3.38	0.99	5.56	3.56	2.52	1.73	1.08	0.64	0.37	0.21	0.12	0.06	0.03	0.02	0.009	0.01	0.002	5.35	3.42	2.42	1.66	1.04	0.62	
1.69	3.71	4.74	3.71	3.37	0.99	5.57	3.59	2.54	1.74	1.08	0.64	0.37	0.21	0.12	0.06	0.03	0.02	0.01	0.01	0.002	5.38	3.46	2.45	1.68	1.05	0.63	
2.07	3.71	4.74	3.7	3.37	1	5.58	3.62	2.57	1.76	1.09	0.65	0.37	0.21	0.12	0.06	0.03	0.02	0.01	0.009	0.002	5.43	3.51	2.49	1.71	1.06	0.63	
1.89	3.71	4.78	3.7	3.38	1	5.61	3.66	2.6	1.78	1.11	0.65	0.37	0.21	0.12	0.06	0.03	0.02	0.01	0.009	0.002	5.49	3.57	2.54	1.74	1.08	0.64	
1.52	3.7	4.76	3.7	3.42	1	5.64	3.71	2.64	1.81	1.12	0.66	0.37	0.21	0.12	0.06	0.03	0.01	0.01	0.008	0.002	5.55	3.63	2.59	1.77	1.1	0.65	
1.76	3.71	4.73	3.71	3.37	1.01	5.68	3.76	2.69	1.84	1.14	0.67	0.38	0.21	0.12	0.06	0.03	0.01	0.008	0.007	0.001	5.63	3.7	2.65	1.82	1.13	0.66	
1.74	3.71	4.75	3.7	3.38	1.01	5.72	3.82	2.74	1.88	1.17	0.68	0.38	0.21	0.12	0.06	0.03	0.01	0.005	0.004	0	5.7	3.78	2.71	1.86	1.16	0.67	
1.5	3.7	4.74	3.68	3.37	1.01	5.78	3																				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2	3.7	4.75	3.69	3.41	0.99	6.47	5.41	4.47	3.5	2.45	1.54	0.87	0.45	0.22	0.11	0.05	0.02	0.01	0.005	0	7	5.83	4.8	3.73	2.6	1.62
1.76	3.68	4.74	3.65	3.38	0.99	6.51	5.48	4.56	3.59	2.53	1.6	0.9	0.46	0.22	0.11	0.05	0.02	0.01	0.004	0	7.05	5.91	4.89	3.84	2.69	1.69
2.1	3.68	4.74	3.69	3.36	0.99	6.56	5.56	4.65	3.69	2.62	1.66	0.93	0.47	0.23	0.11	0.05	0.02	0.01	0.004	0	7.1	6	5	3.94	2.78	1.75
1.95	3.7	4.75	3.69	3.4	0.99	6.61	5.64	4.74	3.79	2.71	1.72	0.96	0.48	0.23	0.1	0.05	0.02	0.008	0.003	0	7.16	6.1	5.11	4.06	2.88	1.82
1.56	3.71	4.73	3.7	3.38	0.99	6.65	5.72	4.84	3.88	2.79	1.78	0.99	0.49	0.23	0.1	0.04	0.01	0.006	0.002	0	7.22	6.19	5.22	4.17	2.98	1.88
1.73	3.72	4.75	3.68	3.38	0.99	6.69	5.79	4.92	3.97	2.87	1.83	1.01	0.5	0.23	0.1	0.04	0.01	0.004	0.001	0.001	7.27	6.27	5.32	4.27	3.06	1.94
1.64	3.7	4.74	3.68	3.38	1	6.72	5.84	4.99	4.05	2.93	1.87	1.03	0.5	0.23	0.09	0.04	0.01	0.003	0.001	0.002	7.31	6.33	5.39	4.35	3.13	1.98
1.89	3.69	4.74	3.69	3.39	1	6.74	5.88	5.04	4.1	2.98	1.9	1.04	0.5	0.22	0.09	0.04	0.01	0.002	0.001	0.002	7.33	6.38	5.45	4.41	3.19	2.02
1.57	3.7	4.72	3.69	3.42	1	6.75	5.9	5.07	4.13	3.01	1.92	1.05	0.5	0.22	0.09	0.03	0.01	0.002	0	0.003	7.35	6.4	5.49	4.45	3.22	2.03
1.64	3.75	4.73	3.69	3.42	1	6.75	5.9	5.08	4.14	3.01	1.92	1.05	0.5	0.22	0.09	0.03	0.01	0.002	0.001	0.003	7.35	6.41	5.5	4.47	3.23	2.04
1.88	3.75	4.73	3.68	3.38	1	6.74	5.89	5.07	4.13	3	1.91	1.04	0.5	0.23	0.09	0.04	0.01	0.002	0.001	0.003	7.34	6.4	5.49	4.45	3.22	2.03
1.57	3.71	4.73	3.69	3.44	1.01	6.72	5.86	5.03	4.09	2.97	1.89	1.03	0.5	0.23	0.1	0.04	0.01	0.002	0.001	0.003	7.33	6.37	5.46	4.42	3.19	2.01
1.81	3.69	4.75	3.67	3.42	1.01	6.7	5.81	4.98	4.05	2.93	1.86	1.02	0.5	0.23	0.1	0.04	0.01	0.003	0.002	0.002	7.3	6.33	5.41	4.37	3.15	1.98
2.28	3.68	4.73	3.68	3.39	1.01	6.67	5.76	4.92	3.98	2.88	1.82	1	0.5	0.24	0.11	0.05	0.01	0.004	0.002	0.001	7.27	6.28	5.34	4.31	3.09	1.94
1.48	3.71	4.72	3.68	3.39	1.01	6.64	5.71	4.86	3.91	2.82	1.78	0.98	0.5	0.24	0.11	0.05	0.01	0.005	0.003	0	7.25	6.22	5.28	4.23	3.03	1.9
1.9	3.7	4.73	3.69	3.38	1.01	6.6	5.65	4.79	3.84	2.76	1.74	0.97	0.5	0.25	0.12	0.06	0.02	0.006	0.004	0	7.21	6.16	5.2	4.16	2.96	1.85
1.94	3.73	4.74	3.67	3.38	1.02	6.57	5.59	4.72	3.78	2.7	1.7	0.95	0.5	0.26	0.13	0.06	0.02	0.007	0.005	-0.001	7.18	6.1	5.13	4.09	2.9	1.81
0.76	3.72	4.73	3.66	3.41	1.02	6.53	5.54	4.66	3.72	2.65	1.67	0.94	0.51	0.27	0.14	0.07	0.02	0.007	0.006	-0.001	7.14	6.05	5.07	4.03	2.85	1.78
1.8	3.72	4.73	3.69	3.39	1.02	6.49	5.48	4.61	3.67	2.61	1.65	0.94	0.51	0.28	0.14	0.07	0.02	0.007	0.007	-0.001	7.1	6	5.02	3.98	2.81	1.76
1.68	3.71	4.73	3.65	3.4	1.02	6.45	5.44	4.57	3.64	2.59	1.64	0.94	0.52	0.29	0.15	0.07	0.03	0.007	0.007	-0.001	7.07	5.96	4.98	3.95	2.79	1.75
1.9	3.7	4.75	3.65	3.4	1.02	6.41	5.41	4.55	3.62	2.59	1.65	0.96	0.54	0.3	0.16	0.08	0.03	0.007	0.007	-0.001	7.04	5.93	4.96	3.93	2.79	1.76
1.74	3.7	4.73	3.66	3.4	1.02	6.39	5.39	4.54	3.62	2.6	1.67	0.98	0.55	0.31	0.17	0.08	0.03	0.008	0.007	0	7.01	5.91	4.95	3.94	2.8	1.78
1.83	3.69	4.72	3.68	3.39	1.02	6.36	5.38	4.54	3.63	2.62	1.69	1	0.58	0.33	0.17	0.08	0.03	0.008	0.007	0	6.99	5.9	4.96	3.95	2.82	1.81
2.1	3.7	4.74	3.68	3.39	1.01	6.35	5.38	4.55	3.65	2.65	1.73	1.04	0.6	0.34	0.18	0.09	0.03	0.008	0.006	0.001	6.97	5.89	4.97	3.97	2.86	1.85
1.94	3.7	4.72	3.69	3.41	1.01	6.34	5.38	4.56	3.68	2.68	1.77	1.07	0.62	0.35	0.19	0.09	0.03	0.008	0.005	0.001	6.97	5.9	4.98	3.99	2.89	1.89
1.74	3.69	4.74	3.66	3.41	1.01	6.35	5.39	4.58	3.7	2.71	1.81	1.11	0.65	0.37	0.19	0.09	0.03	0.008	0.004	0.002	6.97	5.91	5	4.02	2.93	1.93
1.45	3.69	4.74	3.67	3.39	1	6.36	5.41	4.6	3.72	2.74	1.84	1.14	0.67	0.38	0.2	0.09	0.03	0.008	0.003	0.002	6.97	5.92	5.01	4.04	2.96	1.97
2.08	3.69	4.71	3.67	3.39	1	6.38	5.42	4.61	3.74	2.77	1.88	1.17	0.7	0.4	0.21	0.09	0.03	0.008	0.002	0.002	6.98	5.92	5.02	4.05	2.98	2
2.21	3.7	4.7	3.68	3.39	1	6.4	5.43	4.61	3.75	2.79	1.91	1.2	0.72	0.41	0.21	0.09	0.03	0.008	0.001	0.002	7	5.92	5.01	4.05	2.99	2.03
2.11	3.67	4.74	3.65	3.41	1	6.43	5.44	4.61	3.75	2.8	1.93	1.23	0.74	0.42	0.22	0.09	0.03	0.008	0.001	0.002	7.01	5.92	5	4.05	3	2.05
1.43	3.67	4.74	3.62	3.38	0.99	6.45	5.44	4.6	3.74	2.8	1.95	1.25	0.76	0.44	0.23	0.1	0.03	0.008	0.001	0.002	7.02	5.9	4.97	4.03	3	2.07
1.75	3.69	4.74	3.67	3.39	0.99	6.46	5.42	4.57	3.72	2.79	1.96	1.27	0.78	0.45	0.23	0.1	0.03	0.008	0.001	0.002	7.01	5.87	4.93	3.99	2.98	2.07
1.64	3.69	4.74	3.66	3.35	0.99	6.45	5.39	4.54	3.69	2.78	1.96	1.28	0.79	0.46	0.24	0.1	0.03	0.008	0.001	0.002	6.98	5.82	4.88	3.95	2.96	2.08
1.88	3.7	4.75	3.67	3.38	0.99	6.43	5.35	4.49	3.65	2.76	1.96	1.3	0.8	0.47	0.24	0.1	0.04	0.009	0.001	0.002	6.93	5.75	4.8	3.89	2.93	2.07
1.58	3.71	4.73	3.7	3.38	0.99	6.38	5.29	4.43	3.6	2.74	1.96	1.31	0.82	0.47	0.25	0.11	0.04	0.009	0.002	0.001	6.86	5.66	4.72	3.83	2.9	2.06
1.6	3.69	4.76	3.69	3.39	0.99	6.32	5.21	4.36	3.55	2.71	1.96	1.32	0.83	0.48	0.26	0.11	0.04	0.01	0.002	0.001	6.76	5.56	4.63	3.76	2.86	2.05
1.65	3.7	4.75	3.69	3.37	0.99	6.24	5.13	4.29	3.5	2.69	1.96	1.33	0.84	0.49	0.26	0.12	0.04	0.01	0.003	0.001	6.65	5.44	4.54	3.69	2.82	2.04
1.94	3.67	4.73	3.69	3.37	0.99	6.16	5.05	4.21	3.45	2.66	1.95	1.33	0.85	0.5	0.27	0.12	0.04	0.01	0.003	0.001	6.53	5.33	4.44	3.62	2.79	2.03
1.85	3.72	4.73	3.68	3.37	0.99	6.08	4.96	4.15	3.4	2.64	1.95	1.34	0.86	0.51	0.27	0.13	0.04	0.01	0.004	0.001	6.42	5.22	4.35	3.56	2.75	2.02
2.28	3.73	4.74	3.7	3.45	0.99	6	4.89	4.09	3.37	2.63	1.95	1.35	0.87	0.52	0.28	0.13	0.05	0.01	0.004	0	6.31	5.13	4.28	3.51	2.73	2.01
1.93	3.72	4.74	3.68	3.42	1	5.95	4.83	4.05	3.34	2.62	1.95	1.35	0.88	0.52	0.28	0.13	0.05	0.01	0.004	0	6.23	5.04	4.22	3.47	2.71	2.01
1.53	3.69	4.75	3.62	3.38	1	5.9	4.79	4.02	3.32	2.61	1.95	1.36	0.88	0.53	0.29	0.13	0.05	0.01	0.005	0	6.16	4.98	4.17	3.44	2.7	2.01
1.41	3.7	4.74	3.69	3.38	1	5.88	4.76	4.01	3.32	2.62	1.96	1.37	0.89	0.54	0.29	0.14	0.05	0.01	0.005	0	6.11	4.94	4.14	3.42	2.69	2.01
1.93	3.67	4.75	3.67	3.39	1	5.88	4.76	4.01	3.33	2.63	1.97	1.37	0.9	0.54	0.29	0.14	0.05	0.01	0.005	-0.001	6.09	4.92	4.13	3.42	2.69	2.01
2.23	3.69	4.72	3.67	3.37	1	5.89	4.77	4.03	3.35	2.64	1.98	1.38	0.91	0.55	0.3	0.14	0.05	0.01	0.005	-0.001	6.08	4.91	4.13	3.43	2.7	2.02
1.88	3.69	4.72	3.63	3.38	1	5.91	4.8	4.05	3.38	2.66	1.99	1.39	0.91	0.56	0.3	0.14	0.05	0.01	0.005	-0.001	6.09	4.93	4.15	3.45	2.72	2.02
1.94	3.68	4.72	3.64	3.4	1	5.95	4.84	4.09	3.41	2.69	2	1.4	0.92	0.56	0.31	0.14	0.05	0.01	0.006	-0.002	6.11	4.95	4.18	3.47	2.73	2.03
1.29	3.7	4.74	3.66	3.39	1	6	4.89	4.14	3.45	2.72	2.02	1.41	0.93	0.57	0.32	0.15	0.05	0.01	0.007	-0.001	6.14	4.99	4.21	3.5	2.75	2.05
1.39	3.7	4.73	3.68	3.38	1	6.05	4.94	4.19	3.49	2.74	2.04	1.42	0.93	0.58	0.32	0.15	0.06	0.01	0.009	0	6.18	5.03	4.25	3.53	2.77	2.06
1.92	3.69	4.75	3.7	3.37	1	6.1	4.99	4.23	3.53	2.77	2.06	1.43	0.94	0.58	0.33	0.16	0									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.56	3.7	4.74	3.66	3.38	1	7.41	7.08	6.74	6.41	5.97	5.41	4.66	3.74	2.73	1.75	0.95	0.41	0.14	0.04	0.004	7.2	6.87	6.53	6.2	5.76	5.2
2.01	3.7	4.69	3.69	3.42	1	7.41	7.08	6.75	6.42	5.98	5.41	4.67	3.76	2.76	1.78	0.97	0.42	0.15	0.04	0.005	7.21	6.87	6.54	6.21	5.77	5.21
2.22	3.75	4.73	3.73	3.53	1.01	7.41	7.08	6.75	6.42	5.98	5.42	4.68	3.77	2.78	1.8	0.99	0.44	0.15	0.04	0.006	7.22	6.88	6.55	6.21	5.78	5.22
2.12	3.72	4.76	3.67	3.43	1.01	7.41	7.07	6.75	6.42	5.98	5.42	4.69	3.79	2.8	1.83	1.01	0.45	0.16	0.04	0.006	7.22	6.88	6.55	6.22	5.79	5.23
1.58	3.71	4.75	3.66	3.41	1.01	7.4	7.06	6.74	6.41	5.98	5.42	4.69	3.8	2.82	1.85	1.03	0.47	0.17	0.05	0.007	7.22	6.87	6.55	6.23	5.79	5.24
2.18	3.72	4.75	3.7	3.42	1.01	7.38	7.04	6.73	6.41	5.98	5.42	4.7	3.82	2.84	1.88	1.05	0.48	0.17	0.05	0.008	7.21	6.87	6.55	6.23	5.8	5.25
0.98	3.71	4.72	3.66	3.38	1.01	7.36	7.02	6.71	6.4	5.97	5.42	4.7	3.83	2.86	1.9	1.07	0.49	0.18	0.05	0.009	7.2	6.86	6.55	6.23	5.8	5.26
1.54	3.69	4.74	3.66	3.39	1.01	7.33	7	6.7	6.38	5.96	5.42	4.71	3.84	2.88	1.92	1.09	0.51	0.18	0.05	0.01	7.19	6.86	6.54	6.23	5.81	5.27
1.74	3.7	4.71	3.7	3.4	1.01	7.31	6.98	6.68	6.37	5.96	5.42	4.72	3.86	2.9	1.95	1.11	0.52	0.19	0.06	0.01	7.18	6.85	6.54	6.23	5.81	5.28
1.89	3.71	4.72	3.66	3.38	1.01	7.28	6.96	6.66	6.36	5.95	5.41	4.72	3.87	2.93	1.97	1.13	0.53	0.2	0.06	0.01	7.17	6.85	6.54	6.23	5.82	5.29
0.89	3.7	4.74	3.7	3.41	1.01	7.25	6.94	6.64	6.34	5.94	5.41	4.73	3.89	2.95	1.99	1.15	0.54	0.2	0.06	0.01	7.16	6.84	6.54	6.23	5.83	5.3
1.81	3.69	4.74	3.68	3.42	1.01	7.22	6.92	6.62	6.33	5.93	5.41	4.73	3.9	2.97	2.01	1.17	0.56	0.21	0.06	0.01	7.15	6.84	6.54	6.24	5.84	5.32
1.89	3.71	4.73	3.69	3.4	1.01	7.18	6.9	6.6	6.31	5.92	5.41	4.74	3.92	2.98	2.03	1.19	0.57	0.22	0.06	0.01	7.14	6.84	6.54	6.24	5.85	5.33
1.32	3.71	4.73	3.65	3.41	1.01	7.15	6.87	6.58	6.29	5.91	5.4	4.74	3.93	3	2.05	1.2	0.58	0.22	0.07	0.01	7.13	6.84	6.55	6.25	5.86	5.35
1.69	3.69	4.75	3.67	3.38	1.01	7.12	6.85	6.56	6.28	5.9	5.4	4.75	3.94	3.01	2.07	1.22	0.59	0.23	0.07	0.01	7.13	6.85	6.55	6.26	5.87	5.36
1.94	3.72	4.74	3.69	3.38	1.01	7.09	6.83	6.55	6.27	5.89	5.4	4.75	3.94	3.03	2.08	1.23	0.6	0.24	0.07	0.01	7.13	6.85	6.56	6.27	5.88	5.38
1.64	3.7	4.75	3.7	3.38	1.01	7.07	6.81	6.53	6.25	5.88	5.39	4.75	3.95	3.04	2.09	1.25	0.61	0.24	0.07	0.01	7.13	6.86	6.57	6.28	5.9	5.4
1.92	3.7	4.75	3.66	3.4	1	7.05	6.79	6.52	6.24	5.87	5.39	4.75	3.95	3.04	2.11	1.26	0.62	0.25	0.07	0.01	7.13	6.86	6.58	6.29	5.91	5.41
1.98	3.7	4.75	3.68	3.4	1	7.03	6.78	6.51	6.23	5.86	5.38	4.74	3.95	3.05	2.12	1.27	0.63	0.25	0.08	0.01	7.13	6.87	6.59	6.31	5.92	5.43
1.15	3.71	4.71	3.7	3.37	1	7.01	6.76	6.49	6.22	5.86	5.38	4.74	3.95	3.05	2.13	1.28	0.64	0.26	0.08	0.01	7.14	6.88	6.6	6.32	5.94	5.44
2.29	3.7	4.74	3.67	3.38	0.99	6.99	6.74	6.48	6.21	5.85	5.37	4.74	3.95	3.06	2.13	1.29	0.64	0.26	0.08	0.01	7.14	6.89	6.61	6.33	5.95	5.46
1.56	3.69	4.76	3.68	3.4	0.99	6.97	6.72	6.46	6.2	5.84	5.36	4.74	3.95	3.06	2.14	1.3	0.65	0.26	0.08	0.01	7.15	6.9	6.62	6.34	5.96	5.47
2.16	3.71	4.75	3.7	3.4	0.99	6.94	6.7	6.44	6.19	5.83	5.36	4.73	3.96	3.07	2.14	1.3	0.65	0.26	0.08	0.01	7.16	6.9	6.63	6.36	5.98	5.49
2.33	3.71	4.76	3.67	3.36	0.99	6.92	6.68	6.43	6.17	5.82	5.35	4.73	3.96	3.07	2.15	1.31	0.66	0.27	0.08	0.01	7.16	6.91	6.64	6.37	5.99	5.5
2.38	3.7	4.74	3.7	3.42	0.98	6.9	6.66	6.41	6.16	5.81	5.35	4.73	3.96	3.08	2.16	1.31	0.66	0.27	0.08	0.01	7.16	6.91	6.65	6.38	6.01	5.52
1.53	3.67	4.76	3.7	3.36	0.98	6.88	6.65	6.4	6.15	5.8	5.35	4.74	3.97	3.09	2.16	1.32	0.66	0.27	0.08	0.01	7.17	6.92	6.66	6.39	6.02	5.54
1.73	3.7	4.77	3.63	3.37	0.98	6.86	6.63	6.39	6.14	5.8	5.34	4.74	3.98	3.09	2.17	1.32	0.67	0.27	0.08	0.01	7.18	6.93	6.68	6.41	6.04	5.56
2.03	3.68	4.75	3.67	3.39	0.98	6.85	6.62	6.39	6.14	5.79	5.35	4.74	3.99	3.11	2.18	1.33	0.67	0.27	0.08	0.01	7.19	6.95	6.7	6.43	6.06	5.58
1.87	3.72	4.75	3.64	3.39	0.98	6.84	6.62	6.39	6.13	5.79	5.35	4.75	4	3.12	2.19	1.33	0.67	0.27	0.08	0.01	7.2	6.97	6.72	6.44	6.08	5.6
1.63	3.71	4.74	3.66	3.38	0.98	6.83	6.62	6.39	6.13	5.79	5.35	4.76	4.01	3.13	2.2	1.34	0.68	0.27	0.08	0.01	7.21	6.98	6.73	6.46	6.1	5.62
1.5	3.72	4.74	3.67	3.41	0.98	6.83	6.62	6.39	6.13	5.8	5.36	4.77	4.02	3.15	2.21	1.35	0.68	0.27	0.08	0.01	7.23	7	6.75	6.48	6.11	5.64
1.74	3.69	4.76	3.66	3.41	0.98	6.83	6.62	6.39	6.13	5.8	5.36	4.78	4.03	3.16	2.23	1.36	0.68	0.27	0.08	0.01	7.24	7.02	6.77	6.49	6.13	5.66
2.31	3.72	4.76	3.66	3.41	0.99	6.83	6.62	6.39	6.14	5.8	5.37	4.79	4.05	3.18	2.24	1.37	0.69	0.28	0.08	0.01	7.25	7.03	6.78	6.51	6.15	5.68
2.14	3.7	4.76	3.66	3.39	0.99	6.82	6.62	6.39	6.14	5.81	5.37	4.79	4.06	3.19	2.26	1.38	0.7	0.28	0.08	0.01	7.26	7.04	6.79	6.52	6.16	5.69
1.85	3.69	4.73	3.66	3.37	0.99	6.82	6.62	6.39	6.14	5.81	5.38	4.8	4.07	3.2	2.27	1.39	0.7	0.28	0.09	0.01	7.27	7.05	6.8	6.53	6.17	5.71
1.94	3.69	4.73	3.66	3.34	0.99	6.83	6.63	6.4	6.15	5.82	5.39	4.81	4.09	3.22	2.28	1.4	0.71	0.29	0.09	0.01	7.28	7.06	6.82	6.54	6.19	5.72
1.67	3.7	4.75	3.67	3.34	0.99	6.83	6.64	6.41	6.16	5.83	5.4	4.83	4.1	3.23	2.29	1.41	0.72	0.29	0.09	0.01	7.28	7.08	6.83	6.56	6.2	5.74
1.27	3.7	4.73	3.7	3.35	1	6.84	6.65	6.42	6.17	5.84	5.41	4.84	4.11	3.24	2.3	1.41	0.73	0.3	0.09	0.01	7.3	7.09	6.85	6.57	6.22	5.75
1.94	3.69	4.73	3.68	3.37	1	6.84	6.66	6.43	6.18	5.85	5.42	4.85	4.12	3.25	2.32	1.42	0.73	0.3	0.09	0.01	7.31	7.11	6.86	6.59	6.23	5.77
1.93	3.7	4.74	3.63	3.4	1	6.85	6.68	6.44	6.19	5.86	5.43	4.85	4.13	3.26	2.33	1.43	0.74	0.31	0.1	0.01	7.32	7.12	6.87	6.6	6.24	5.78
2.01	3.7	4.76	3.69	3.38	1	6.86	6.69	6.45	6.2	5.86	5.44	4.86	4.13	3.27	2.33	1.44	0.74	0.31	0.1	0.01	7.33	7.13	6.88	6.61	6.25	5.78
1.79	3.7	4.75	3.68	3.38	1.01	6.87	6.69	6.45	6.21	5.87	5.44	4.87	4.14	3.28	2.34	1.45	0.75	0.31	0.1	0.01	7.33	7.14	6.88	6.62	6.25	5.79
2.08	3.69	4.75	3.68	3.37	1.01	6.88	6.7	6.45	6.21	5.87	5.45	4.87	4.15	3.29	2.35	1.46	0.76	0.32	0.1	0.02	7.34	7.14	6.88	6.62	6.25	5.79
2.08	3.69	4.74	3.67	3.38	1.01	6.88	6.7	6.46	6.21	5.88	5.45	4.88	4.15	3.29	2.36	1.47	0.77	0.32	0.11	0.02	7.34	7.13	6.88	6.62	6.25	5.79
1.78	3.74	4.71	3.72	3.47	1.01	6.89	6.7	6.46	6.22	5.88	5.46	4.89	4.16	3.3	2.37	1.48	0.77	0.33	0.11	0.02	7.33	7.13	6.87	6.61	6.25	5.79
2.01	3.71	4.73	3.69	3.4	1.01	6.9	6.71	6.47	6.23	5.89	5.47	4.9	4.17	3.31	2.38	1.49	0.78	0.33	0.11	0.02	7.34	7.13	6.87	6.62	6.26	5.8
2.15	3.72	4.76	3.67	3.39	1.01	6.91	6.72	6.48	6.24	5.91	5.48	4.91	4.18	3.32	2.39	1.5	0.79	0.34	0.12	0.02	7.34	7.14	6.88	6.62	6.26	5.8
1.83	3.73	4.72	3.67	3.4	1.01	6.93	6.74	6.5	6.26	5.93	5.5	4.93	4.2	3.33	2.4	1.51	0.8	0.35	0.12	0.02	7.35	7.14	6.89	6.63	6.27	5.81
1.68	3.69	4.74	3.7	3.38	1.01	6.95	6.76	6.52	6.28	5.95	5.52	4.95	4.21	3.35	2.41	1.52	0.81	0.35	0.12	0.02	7.35	7.15	6.9	6.64	6.28	5.82
2.09	3.7	4.73	3.65	3.39	1.01	6.97	6.78	6.55	6.3	5.97	5.54	4.96	4.23	3.36	2.42	1.53	0.82									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.39	3.72	4.73	3.69	3.43	0.98	7.82	7.67	7.41	7.17	6.84	6.41	5.84	5.12	4.23	3.22	2.18	1.27	0.62	0.25	0.06	7.26	7.11	6.86	6.62	6.3	5.9
1.68	3.7	4.74	3.68	3.39	0.99	7.85	7.69	7.44	7.19	6.86	6.43	5.86	5.14	4.25	3.24	2.2	1.28	0.63	0.25	0.06	7.28	7.12	6.88	6.64	6.32	5.91
1.53	3.71	4.73	3.66	3.39	0.99	7.86	7.71	7.45	7.21	6.87	6.44	5.87	5.15	4.27	3.26	2.22	1.3	0.64	0.25	0.06	7.29	7.14	6.89	6.65	6.33	5.92
1.9	3.68	4.73	3.68	3.38	1	7.87	7.72	7.46	7.22	6.88	6.45	5.89	5.17	4.29	3.28	2.23	1.31	0.65	0.26	0.07	7.3	7.15	6.9	6.66	6.34	5.93
1.79	3.69	4.73	3.66	3.4	1	7.88	7.73	7.48	7.23	6.89	6.46	5.9	5.18	4.3	3.29	2.25	1.32	0.65	0.26	0.07	7.31	7.16	6.92	6.67	6.35	5.94
1.22	3.69	4.72	3.67	3.39	1	7.88	7.74	7.48	7.24	6.9	6.47	5.91	5.19	4.32	3.31	2.26	1.33	0.66	0.26	0.07	7.32	7.17	6.93	6.68	6.36	5.95
1.66	3.68	4.74	3.69	3.4	1	7.89	7.74	7.49	7.24	6.91	6.48	5.91	5.2	4.33	3.32	2.27	1.34	0.67	0.27	0.07	7.33	7.18	6.94	6.69	6.37	5.96
1.99	3.69	4.74	3.7	3.43	1	7.88	7.74	7.49	7.24	6.91	6.48	5.92	5.21	4.34	3.33	2.29	1.35	0.67	0.27	0.07	7.34	7.19	6.95	6.7	6.38	5.97
2.1	3.73	4.77	3.7	3.4	1	7.88	7.74	7.49	7.24	6.91	6.48	5.92	5.21	4.35	3.34	2.3	1.36	0.68	0.27	0.07	7.34	7.2	6.96	6.71	6.39	5.98
2.35	3.74	4.74	3.71	3.45	1	7.88	7.73	7.49	7.24	6.91	6.48	5.92	5.22	4.35	3.36	2.31	1.37	0.68	0.27	0.07	7.35	7.2	6.96	6.72	6.39	5.98
1.93	3.72	4.73	3.67	3.41	1	7.87	7.72	7.48	7.23	6.9	6.48	5.92	5.22	4.36	3.37	2.32	1.38	0.69	0.28	0.07	7.36	7.21	6.97	6.72	6.4	5.99
1.8	3.75	4.71	3.7	3.43	1	7.87	7.72	7.47	7.23	6.9	6.47	5.92	5.22	4.37	3.38	2.33	1.39	0.7	0.28	0.07	7.36	7.21	6.97	6.73	6.41	6
1.58	3.7	4.73	3.68	3.38	1	7.86	7.71	7.47	7.22	6.89	6.47	5.92	5.23	4.38	3.39	2.34	1.4	0.7	0.28	0.07	7.38	7.22	6.98	6.74	6.42	6.01
1.9	3.71	4.75	3.66	3.39	1	7.86	7.71	7.47	7.22	6.89	6.47	5.92	5.23	4.39	3.4	2.36	1.41	0.71	0.29	0.07	7.39	7.23	6.99	6.75	6.43	6.02
2.14	3.71	4.76	3.67	3.4	1	7.86	7.71	7.46	7.22	6.89	6.47	5.93	5.24	4.4	3.42	2.37	1.42	0.72	0.29	0.07	7.41	7.25	7.01	6.76	6.44	6.04
2.15	3.74	4.73	3.67	3.41	1	7.86	7.71	7.46	7.21	6.89	6.47	5.93	5.25	4.41	3.43	2.39	1.43	0.72	0.3	0.08	7.42	7.26	7.02	6.78	6.46	6.05
2.2	3.72	4.75	3.68	3.39	0.99	7.86	7.7	7.46	7.21	6.89	6.47	5.93	5.25	4.42	3.45	2.41	1.45	0.73	0.3	0.08	7.44	7.28	7.03	6.79	6.47	6.06
2.14	3.71	4.74	3.65	3.41	0.99	7.86	7.7	7.45	7.21	6.88	6.46	5.93	5.26	4.43	3.46	2.42	1.46	0.74	0.31	0.08	7.46	7.3	7.05	6.81	6.49	6.08
2.17	3.7	4.76	3.66	3.39	0.99	7.85	7.7	7.44	7.2	6.88	6.46	5.92	5.26	4.44	3.48	2.44	1.48	0.76	0.31	0.08	7.48	7.32	7.06	6.82	6.5	6.09
1.75	3.7	4.74	3.68	3.39	0.99	7.84	7.69	7.43	7.19	6.87	6.45	5.92	5.26	4.45	3.49	2.46	1.49	0.77	0.32	0.08	7.49	7.33	7.07	6.83	6.51	6.1
1.99	3.68	4.72	3.69	3.38	0.99	7.83	7.68	7.42	7.18	6.85	6.44	5.91	5.25	4.46	3.51	2.48	1.51	0.78	0.33	0.09	7.5	7.34	7.08	6.84	6.51	6.11
2.19	3.7	4.74	3.69	3.39	1	7.82	7.66	7.4	7.16	6.84	6.42	5.9	5.25	4.46	3.52	2.49	1.53	0.79	0.34	0.09	7.51	7.35	7.08	6.84	6.52	6.11
2.04	3.75	4.74	3.71	3.49	1	7.8	7.65	7.39	7.15	6.82	6.41	5.88	5.24	4.46	3.53	2.51	1.54	0.8	0.34	0.09	7.51	7.35	7.08	6.84	6.52	6.11
1.71	3.75	4.74	3.71	3.51	1	7.79	7.63	7.37	7.13	6.81	6.4	5.87	5.24	4.46	3.54	2.52	1.56	0.81	0.35	0.1	7.51	7.35	7.09	6.84	6.52	6.11
1.94	3.7	4.74	3.69	3.43	1	7.77	7.62	7.36	7.11	6.79	6.38	5.86	5.23	4.46	3.54	2.53	1.57	0.82	0.35	0.1	7.51	7.35	7.09	6.84	6.52	6.11
2.02	3.72	4.73	3.69	3.37	1	7.76	7.6	7.34	7.1	6.78	6.37	5.85	5.22	4.46	3.55	2.55	1.58	0.83	0.36	0.1	7.51	7.35	7.09	6.84	6.52	6.11
1.68	3.71	4.73	3.67	3.39	1	7.75	7.59	7.33	7.09	6.76	6.36	5.84	5.21	4.46	3.56	2.56	1.6	0.84	0.36	0.11	7.51	7.35	7.09	6.84	6.52	6.11
1.85	3.73	4.73	3.66	3.41	1	7.73	7.57	7.32	7.07	6.75	6.34	5.83	5.21	4.46	3.56	2.57	1.61	0.85	0.37	0.11	7.51	7.34	7.09	6.84	6.51	6.11
1.89	3.71	4.71	3.7	3.37	1	7.72	7.56	7.31	7.06	6.74	6.33	5.82	5.2	4.46	3.57	2.58	1.62	0.86	0.38	0.11	7.51	7.34	7.08	6.83	6.51	6.11
1.77	3.7	4.72	3.69	3.37	1	7.71	7.54	7.29	7.05	6.73	6.32	5.81	5.19	4.46	3.58	2.6	1.64	0.87	0.38	0.12	7.5	7.33	7.08	6.83	6.51	6.1
1.76	3.7	4.76	3.67	3.4	1	7.69	7.53	7.28	7.03	6.71	6.31	5.8	5.19	4.46	3.59	2.61	1.65	0.88	0.39	0.12	7.5	7.33	7.07	6.82	6.5	6.1
2.03	3.71	4.75	3.68	3.39	1	7.68	7.51	7.26	7.02	6.7	6.3	5.79	5.18	4.46	3.6	2.62	1.67	0.9	0.4	0.12	7.49	7.32	7.06	6.82	6.5	6.1
1.95	3.73	4.73	3.67	3.37	1	7.67	7.5	7.25	7.01	6.69	6.29	5.78	5.18	4.46	3.61	2.64	1.68	0.91	0.41	0.13	7.49	7.31	7.05	6.81	6.49	6.09
2.11	3.7	4.72	3.68	3.37	1	7.66	7.49	7.23	6.99	6.67	6.28	5.77	5.17	4.46	3.61	2.65	1.7	0.92	0.41	0.13	7.48	7.3	7.04	6.8	6.48	6.08
2.17	3.69	4.73	3.67	3.41	1	7.64	7.47	7.22	6.98	6.66	6.26	5.76	5.16	4.46	3.62	2.66	1.71	0.93	0.42	0.13	7.47	7.29	7.04	6.8	6.47	6.08
2.17	3.74	4.74	3.73	3.53	1	7.63	7.46	7.2	6.97	6.65	6.25	5.75	5.16	4.46	3.62	2.67	1.73	0.95	0.43	0.14	7.47	7.29	7.03	6.79	6.47	6.07
1.92	3.71	4.74	3.7	3.45	1	7.61	7.44	7.19	6.95	6.63	6.24	5.74	5.15	4.46	3.63	2.68	1.74	0.96	0.44	0.14	7.46	7.28	7.02	6.78	6.46	6.07
2.15	3.72	4.75	3.67	3.42	1	7.59	7.43	7.17	6.94	6.62	6.23	5.73	5.14	4.45	3.63	2.69	1.76	0.97	0.44	0.15	7.44	7.27	7.01	6.78	6.46	6.06
2.09	3.73	4.74	3.66	3.4	1	7.58	7.42	7.16	6.93	6.61	6.22	5.72	5.13	4.45	3.63	2.7	1.77	0.98	0.45	0.15	7.43	7.27	7.01	6.77	6.45	6.05
2.07	3.72	4.76	3.68	3.38	1	7.56	7.4	7.15	6.91	6.6	6.2	5.71	5.13	4.44	3.63	2.71	1.78	0.99	0.46	0.15	7.42	7.26	7	6.76	6.44	6.05
2.07	3.71	4.74	3.69	3.41	1	7.55	7.39	7.13	6.9	6.58	6.19	5.7	5.12	4.44	3.63	2.72	1.8	1.01	0.46	0.16	7.42	7.25	6.99	6.75	6.44	6.04
1.8	3.71	4.72	3.68	3.39	1	7.53	7.37	7.12	6.88	6.57	6.18	5.69	5.11	4.44	3.64	2.73	1.81	1.02	0.47	0.16	7.41	7.24	6.99	6.75	6.43	6.04
1.84	3.73	4.75	3.68	3.38	1	7.52	7.35	7.11	6.87	6.56	6.17	5.68	5.1	4.43	3.64	2.75	1.83	1.03	0.48	0.16	7.4	7.23	6.98	6.74	6.43	6.03
1.81	3.72	4.74	3.69	3.39	1	7.5	7.34	7.09	6.86	6.55	6.16	5.67	5.1	4.43	3.65	2.76	1.84	1.04	0.49	0.17	7.39	7.22	6.97	6.73	6.42	6.03
1.68	3.73	4.73	3.69	3.38	1	7.49	7.32	7.08	6.84	6.54	6.15	5.66	5.1	4.44	3.66	2.78	1.86	1.06	0.49	0.17	7.39	7.21	6.96	6.72	6.41	6.02
1.78	3.71	4.74	3.69	3.42	1	7.48	7.31	7.06	6.83	6.52	6.14	5.65	5.09	4.44	3.67	2.79	1.88	1.07	0.5	0.17	7.38	7.2	6.96	6.72	6.41	6.02
2.01	3.72	4.74	3.71	3.41	1	7.46	7.29	7.05	6.81	6.51	6.12	5.65	5.09	4.44	3.68	2.81	1.9	1.09	0.51	0.18	7.37	7.19	6.95	6.71	6.4	6.01
1.97	3.7	4.76	3.67	3.39	1	7.44	7.27	7.03	6.8	6.49	6.11	5.64	5.09	4.45	3.69	2.83	1.92	1.1	0.52	0.18	7.35	7.18	6.93	6.7	6.39	6
2.27	3.72	4.73	3.68	3.4	1	7.42	7.26	7.01	6.78	6.48	6.1	5.63	5.08	4.45	3.7	2.84	1.93	1.12	0.53	0.18	7.34	7.17	6.92	6.69	6.38	6
2.17	3.71	4.73	3.7	3.41	1	7.41	7.24	7	6.77	6.47	6.09	5.62	5.08	4.45	3.71	2.86	1.95	1.13	0.54	0.19	7.33	7.16	6.92	6.68	6.38	5.99
2.03	3.71																									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.07	3.72	4.73	3.68	3.41	1	7.29	7.12	6.88	6.67	6.38	6.02	5.57	5.06	4.49	3.87	3.15	2.33	1.5	0.81	0.32	7.06	6.89	6.65	6.43	6.15	5.79
2.01	3.72	4.74	3.68	3.38	1	7.28	7.12	6.88	6.66	6.38	6.02	5.57	5.06	4.49	3.87	3.15	2.33	1.5	0.81	0.32	7.04	6.88	6.64	6.42	6.14	5.78
1.87	3.71	4.74	3.68	3.38	1	7.28	7.11	6.87	6.66	6.37	6.01	5.57	5.06	4.5	3.87	3.15	2.34	1.51	0.81	0.32	7.03	6.87	6.63	6.41	6.13	5.78
0.76	3.73	4.73	3.68	3.38	1	7.27	7.11	6.87	6.65	6.37	6.01	5.57	5.06	4.5	3.88	3.16	2.34	1.51	0.82	0.33	7.02	6.86	6.62	6.4	6.12	5.77
1.76	3.72	4.75	3.64	3.4	1.01	7.27	7.11	6.87	6.65	6.37	6.01	5.57	5.06	4.5	3.88	3.16	2.34	1.51	0.82	0.33	7.02	6.86	6.62	6.4	6.12	5.77
1.91	3.72	4.76	3.67	3.38	1.01	7.26	7.11	6.87	6.65	6.37	6.02	5.57	5.07	4.5	3.88	3.16	2.35	1.52	0.82	0.33	7.01	6.86	6.62	6.4	6.12	5.77
1.58	3.71	4.73	3.61	3.37	1.01	7.26	7.11	6.87	6.65	6.37	6.02	5.58	5.07	4.5	3.88	3.16	2.35	1.52	0.83	0.33	7.01	6.86	6.62	6.41	6.12	5.78
2.11	3.71	4.73	3.65	3.37	1.01	7.25	7.11	6.87	6.65	6.37	6.02	5.58	5.07	4.5	3.88	3.17	2.35	1.52	0.83	0.34	7.01	6.87	6.63	6.41	6.13	5.78
2.17	3.71	4.76	3.67	3.39	1	7.24	7.1	6.86	6.65	6.36	6.01	5.57	5.07	4.5	3.88	3.17	2.35	1.53	0.84	0.34	7	6.87	6.63	6.41	6.13	5.78
2.2	3.71	4.73	3.7	3.4	1	7.22	7.09	6.85	6.64	6.36	6	5.57	5.06	4.5	3.88	3.17	2.35	1.53	0.84	0.34	7	6.86	6.63	6.41	6.13	5.78
1.79	3.7	4.74	3.67	3.38	1	7.21	7.07	6.84	6.62	6.34	5.99	5.56	5.05	4.5	3.88	3.16	2.35	1.53	0.84	0.34	6.99	6.86	6.62	6.41	6.13	5.78
2.09	3.72	4.74	3.68	3.39	1	7.18	7.05	6.82	6.61	6.33	5.98	5.55	5.05	4.49	3.87	3.16	2.35	1.53	0.84	0.34	6.98	6.85	6.62	6.4	6.12	5.78
2.16	3.72	4.74	3.68	3.4	1	7.16	7.03	6.8	6.58	6.31	5.96	5.53	5.03	4.48	3.86	3.15	2.35	1.53	0.84	0.34	6.97	6.84	6.61	6.39	6.12	5.77
1.88	3.71	4.74	3.69	3.38	1	7.14	7	6.78	6.56	6.29	5.94	5.52	5.02	4.47	3.85	3.14	2.34	1.53	0.84	0.34	6.97	6.83	6.6	6.39	6.11	5.77
1.67	3.68	4.71	3.69	3.38	0.99	7.11	6.98	6.76	6.54	6.27	5.93	5.5	5.01	4.46	3.84	3.13	2.33	1.53	0.84	0.34	6.97	6.83	6.6	6.39	6.11	5.77
1.58	3.69	4.74	3.68	3.38	0.99	7.1	6.96	6.74	6.53	6.25	5.91	5.49	4.99	4.44	3.83	3.12	2.33	1.52	0.84	0.34	6.97	6.83	6.6	6.39	6.11	5.77
1.55	3.7	4.71	3.68	3.4	0.99	7.08	6.95	6.72	6.51	6.24	5.89	5.47	4.98	4.43	3.82	3.11	2.32	1.52	0.84	0.34	6.98	6.84	6.61	6.39	6.12	5.77
1.66	3.69	4.74	3.67	3.38	0.99	7.07	6.93	6.7	6.49	6.22	5.88	5.46	4.97	4.42	3.81	3.11	2.32	1.52	0.84	0.34	6.99	6.85	6.62	6.4	6.13	5.78
1.89	3.71	4.73	3.68	3.39	0.99	7.05	6.92	6.69	6.48	6.21	5.87	5.45	4.95	4.41	3.8	3.1	2.31	1.52	0.84	0.34	7.01	6.86	6.63	6.42	6.14	5.79
1.99	3.71	4.73	3.69	3.4	0.98	7.04	6.9	6.68	6.47	6.2	5.86	5.44	4.94	4.4	3.79	3.1	2.31	1.52	0.84	0.34	7.03	6.88	6.65	6.43	6.15	5.81
1.99	3.71	4.74	3.68	3.39	0.98	7.03	6.89	6.67	6.46	6.19	5.85	5.43	4.93	4.39	3.79	3.09	2.31	1.52	0.85	0.34	7.05	6.9	6.67	6.45	6.17	5.82
1.94	3.72	4.75	3.7	3.4	0.98	7.02	6.88	6.65	6.45	6.18	5.84	5.42	4.93	4.38	3.78	3.09	2.31	1.53	0.85	0.34	7.07	6.92	6.69	6.47	6.19	5.84
2.05	3.72	4.75	3.68	3.38	0.99	7.02	6.87	6.65	6.44	6.17	5.83	5.41	4.92	4.38	3.78	3.09	2.32	1.53	0.86	0.34	7.1	6.95	6.71	6.49	6.21	5.86
1.9	3.69	4.75	3.68	3.39	0.99	7.01	6.86	6.64	6.43	6.16	5.82	5.4	4.91	4.37	3.77	3.09	2.32	1.54	0.86	0.35	7.12	6.97	6.74	6.52	6.24	5.88
1.87	3.7	4.74	3.64	3.39	0.99	7	6.86	6.63	6.42	6.15	5.81	5.4	4.91	4.37	3.77	3.09	2.32	1.54	0.87	0.35	7.15	7	6.76	6.54	6.26	5.91
1.98	3.7	4.73	3.66	3.4	0.99	6.99	6.85	6.63	6.42	6.15	5.81	5.39	4.9	4.37	3.77	3.09	2.33	1.55	0.87	0.35	7.17	7.03	6.79	6.57	6.29	5.93
2.05	3.72	4.74	3.67	3.41	0.99	6.98	6.84	6.62	6.41	6.14	5.8	5.39	4.9	4.36	3.77	3.09	2.33	1.56	0.88	0.36	7.2	7.05	6.81	6.59	6.31	5.95
1.97	3.71	4.74	3.67	3.39	0.99	6.98	6.83	6.61	6.4	6.13	5.8	5.38	4.89	4.36	3.77	3.09	2.33	1.56	0.89	0.36	7.22	7.07	6.84	6.61	6.33	5.97
1.79	3.72	4.73	3.66	3.39	0.99	6.97	6.82	6.61	6.4	6.13	5.79	5.38	4.89	4.36	3.77	3.09	2.34	1.57	0.9	0.37	7.24	7.09	6.86	6.63	6.34	5.99
1.73	3.71	4.74	3.65	3.38	0.99	6.96	6.82	6.6	6.39	6.12	5.79	5.37	4.89	4.36	3.77	3.1	2.35	1.58	0.9	0.38	7.25	7.1	6.87	6.65	6.36	6
1.99	3.71	4.75	3.68	3.43	0.99	6.95	6.81	6.6	6.39	6.12	5.78	5.37	4.89	4.36	3.77	3.1	2.35	1.59	0.91	0.38	7.27	7.11	6.89	6.66	6.37	6.02
2.06	3.7	4.74	3.66	3.42	0.99	6.95	6.8	6.59	6.38	6.11	5.78	5.37	4.89	4.36	3.78	3.11	2.36	1.6	0.92	0.39	7.28	7.12	6.9	6.67	6.38	6.03
2.02	3.7	4.75	3.66	3.38	0.99	6.94	6.8	6.58	6.38	6.11	5.78	5.37	4.89	4.36	3.78	3.11	2.37	1.61	0.93	0.4	7.28	7.13	6.9	6.68	6.39	6.04
2.09	3.68	4.71	3.69	3.38	0.99	6.93	6.79	6.58	6.37	6.1	5.77	5.36	4.89	4.36	3.78	3.12	2.37	1.61	0.93	0.4	7.28	7.13	6.91	6.68	6.4	6.04
1.97	3.68	4.71	3.66	3.39	1	6.92	6.78	6.56	6.36	6.09	5.77	5.36	4.89	4.36	3.78	3.12	2.38	1.62	0.94	0.41	7.28	7.14	6.9	6.68	6.4	6.04
2.03	3.68	4.75	3.64	3.41	1	6.9	6.77	6.55	6.35	6.08	5.76	5.35	4.88	4.36	3.78	3.12	2.38	1.62	0.94	0.41	7.28	7.13	6.9	6.68	6.4	6.04
2.04	3.68	4.69	3.65	3.41	1	6.89	6.76	6.54	6.34	6.07	5.75	5.34	4.87	4.35	3.77	3.12	2.38	1.62	0.94	0.4	7.27	7.13	6.89	6.67	6.39	6.04
2.07	3.72	4.75	3.68	3.44	1	6.87	6.75	6.52	6.32	6.06	5.73	5.33	4.86	4.34	3.77	3.12	2.38	1.62	0.94	0.4	7.26	7.12	6.88	6.67	6.39	6.04
2.33	3.73	4.72	3.67	3.44	1	6.86	6.73	6.51	6.31	6.05	5.72	5.32	4.86	4.34	3.76	3.11	2.37	1.61	0.93	0.4	7.25	7.12	6.88	6.66	6.38	6.03
2.08	3.7	4.75	3.69	3.42	1	6.84	6.72	6.49	6.29	6.03	5.71	5.31	4.84	4.33	3.75	3.1	2.37	1.61	0.93	0.39	7.24	7.1	6.86	6.65	6.37	6.02
1.53	3.72	4.72	3.68	3.36	1.01	6.82	6.7	6.47	6.28	6.02	5.7	5.29	4.83	4.32	3.74	3.09	2.36	1.6	0.92	0.39	7.23	7.09	6.86	6.64	6.36	6.01
2.05	3.73	4.75	3.69	3.36	1.01	6.81	6.68	6.46	6.26	6	5.68	5.28	4.82	4.3	3.73	3.08	2.35	1.59	0.91	0.38	7.22	7.08	6.84	6.63	6.35	6
1.82	3.7	4.74	3.68	3.39	1.01	6.79	6.66	6.44	6.24	5.98	5.66	5.26	4.8	4.29	3.72	3.07	2.34	1.58	0.9	0.37	7.21	7.07	6.83	6.62	6.34	5.99
1.76	3.7	4.71	3.68	3.38	1.01	6.77	6.64	6.42	6.22	5.96	5.65	5.25	4.79	4.27	3.7	3.05	2.33	1.57	0.89	0.36	7.19	7.06	6.82	6.6	6.32	5.98
1.81	3.68	4.7	3.68	3.38	1.01	6.74	6.62	6.4	6.2	5.94	5.63	5.23	4.77	4.26	3.69	3.04	2.31	1.55	0.88	0.36	7.18	7.04	6.8	6.59	6.31	5.97
2.02	3.71	4.72	3.69	3.38	1.01	6.72	6.59	6.37	6.18	5.92	5.6	5.21	4.75	4.24	3.67	3.02	2.3	1.54	0.87	0.35	7.16	7.02	6.79	6.57	6.29	5.95
2.19	3.72	4.73	3.68	3.4	1.01	6.7	6.57	6.35	6.15	5.9	5.58	5.19	4.73	4.22	3.65	3	2.28	1.53	0.87	0.35	7.14	7	6.77	6.55	6.28	5.93
1.82	3.73	4.71	3.69	3.38	1.01	6.68	6.54	6.33	6.13	5.88	5.56	5.17	4.72	4.2	3.63	2.99	2.27	1.53	0.86	0.35	7.12	6.98	6.75	6.54	6.26	5.92
2.04	3.74	4.73	3.65	3.39	1.01	6.66	6.52	6.31	6.11	5.86	5.54	5.15	4.7	4.19	3.62	2.98	2.26	1.52	0.86	0.35	7.11	6.97	6.74	6.52	6.25	5.9
2.14	3.73	4.72	3.67	3.38	1.01	6.64	6.51	6.29	6.1	5.84	5.53	5.14	4.69	4.18	3.61	2.97	2.26	1.52	0.87	0.36	7.11</					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.8	3.69	4.73	3.69	3.39	1.03	6.44	6.3	6.08	5.87	5.62	5.31	4.93	4.5	4.01	3.47	2.88	2.21	1.51	0.85	0.3	7	6.85	6.62	6.39	6.1	5.76
2	3.69	4.73	3.71	3.42	1.03	6.43	6.29	6.08	5.87	5.61	5.3	4.92	4.49	4.01	3.47	2.89	2.23	1.53	0.87	0.31	6.99	6.84	6.61	6.38	6.09	5.75
1.93	3.73	4.75	3.7	3.41	1.04	6.42	6.28	6.07	5.86	5.6	5.29	4.91	4.48	4	3.48	2.89	2.24	1.55	0.88	0.32	6.97	6.82	6.6	6.37	6.08	5.74
2.27	3.73	4.71	3.71	3.44	1.04	6.4	6.27	6.06	5.85	5.59	5.28	4.91	4.47	4	3.48	2.9	2.26	1.57	0.9	0.32	6.96	6.81	6.58	6.36	6.08	5.73
2.38	3.71	4.7	3.71	3.41	1.04	6.39	6.25	6.05	5.84	5.58	5.27	4.9	4.47	3.99	3.48	2.91	2.28	1.59	0.92	0.33	6.94	6.8	6.57	6.34	6.06	5.72
2.36	3.77	4.71	3.68	3.44	1.03	6.37	6.24	6.03	5.83	5.57	5.26	4.89	4.46	3.99	3.48	2.92	2.29	1.61	0.93	0.34	6.92	6.78	6.56	6.33	6.05	5.71
1.89	3.71	4.73	3.67	3.39	1.03	6.35	6.22	6.02	5.82	5.56	5.25	4.88	4.45	3.98	3.48	2.92	2.3	1.63	0.95	0.35	6.89	6.76	6.54	6.31	6.04	5.69
1.78	3.7	4.71	3.64	3.37	1.02	6.33	6.21	6	5.8	5.55	5.24	4.87	4.45	3.98	3.48	2.93	2.31	1.64	0.97	0.36	6.87	6.74	6.52	6.3	6.02	5.68
2.06	3.7	4.7	3.67	3.39	1.02	6.31	6.2	5.99	5.79	5.54	5.23	4.87	4.44	3.98	3.48	2.93	2.33	1.66	0.98	0.37	6.84	6.72	6.49	6.28	6	5.66
2.12	3.69	4.74	3.72	3.41	1.01	6.29	6.18	5.98	5.78	5.53	5.23	4.86	4.44	3.97	3.48	2.94	2.34	1.67	1	0.38	6.82	6.7	6.47	6.26	5.98	5.64
1.77	3.69	4.72	3.66	3.4	1	6.28	6.17	5.96	5.77	5.53	5.22	4.86	4.43	3.97	3.48	2.94	2.35	1.69	1.01	0.39	6.79	6.68	6.45	6.24	5.96	5.63
2.06	3.69	4.74	3.64	3.39	0.99	6.27	6.17	5.96	5.77	5.52	5.22	4.85	4.43	3.97	3.48	2.94	2.36	1.7	1.03	0.4	6.77	6.65	6.42	6.22	5.95	5.61
2.11	3.7	4.73	3.69	3.37	0.98	6.26	6.16	5.95	5.76	5.52	5.21	4.85	4.43	3.98	3.48	2.95	2.36	1.71	1.04	0.41	6.74	6.63	6.4	6.2	5.93	5.59
1.45	3.71	4.73	3.66	3.39	0.97	6.25	6.15	5.94	5.76	5.51	5.21	4.85	4.44	3.98	3.48	2.95	2.37	1.72	1.05	0.42	6.72	6.61	6.38	6.18	5.91	5.58
1.85	3.73	4.75	3.68	3.4	0.97	6.25	6.15	5.94	5.76	5.51	5.21	4.85	4.44	3.98	3.49	2.96	2.38	1.73	1.06	0.42	6.69	6.58	6.36	6.16	5.89	5.56
2.18	3.69	4.74	3.7	3.37	0.96	6.24	6.15	5.94	5.76	5.51	5.22	4.86	4.44	3.98	3.49	2.96	2.38	1.73	1.06	0.42	6.67	6.56	6.34	6.14	5.87	5.55
2.25	3.71	4.74	3.68	3.42	0.95	6.25	6.15	5.95	5.76	5.52	5.22	4.86	4.45	3.99	3.49	2.97	2.39	1.74	1.07	0.43	6.65	6.55	6.32	6.12	5.86	5.54
1.95	3.7	4.74	3.66	3.38	0.95	6.26	6.17	5.96	5.77	5.53	5.23	4.87	4.46	4	3.5	2.97	2.4	1.75	1.08	0.43	6.64	6.54	6.32	6.12	5.85	5.53
1.95	3.66	4.73	3.66	3.37	0.94	6.28	6.19	5.98	5.79	5.55	5.25	4.89	4.47	4.01	3.51	2.98	2.41	1.76	1.08	0.44	6.64	6.54	6.32	6.12	5.85	5.53
1.03	3.71	4.73	3.7	3.38	0.94	6.3	6.21	6.01	5.82	5.58	5.28	4.91	4.49	4.03	3.53	3	2.42	1.77	1.1	0.44	6.65	6.55	6.33	6.13	5.87	5.55
1.85	3.72	4.71	3.69	3.38	0.94	6.34	6.25	6.05	5.86	5.61	5.31	4.94	4.52	4.06	3.55	3.02	2.44	1.79	1.11	0.45	6.66	6.57	6.35	6.15	5.89	5.56
1.99	3.69	4.76	3.66	3.39	0.94	6.38	6.29	6.09	5.9	5.66	5.35	4.98	4.56	4.09	3.58	3.04	2.46	1.8	1.12	0.45	6.69	6.6	6.38	6.18	5.91	5.59
2.1	3.69	4.74	3.63	3.37	0.94	6.43	6.34	6.14	5.95	5.7	5.39	5.02	4.59	4.12	3.6	3.06	2.48	1.82	1.12	0.45	6.72	6.63	6.41	6.21	5.94	5.62
1.75	3.7	4.71	3.67	3.41	0.94	6.48	6.39	6.19	6	5.75	5.44	5.06	4.63	4.15	3.63	3.08	2.49	1.82	1.12	0.45	6.76	6.66	6.44	6.24	5.97	5.65
2.21	3.7	4.74	3.68	3.4	0.94	6.53	6.44	6.23	6.04	5.79	5.48	5.1	4.66	4.18	3.65	3.1	2.5	1.83	1.12	0.44	6.79	6.69	6.48	6.28	6	5.67
1.97	3.68	4.71	3.68	3.37	0.94	6.58	6.48	6.28	6.09	5.83	5.52	5.13	4.69	4.2	3.67	3.11	2.5	1.82	1.1	0.42	6.83	6.73	6.51	6.31	6.03	5.7
2.09	3.68	4.71	3.67	3.37	0.95	6.63	6.53	6.32	6.13	5.87	5.55	5.16	4.72	4.22	3.68	3.12	2.5	1.8	1.08	0.4	6.86	6.76	6.54	6.33	6.06	5.73
1.83	3.69	4.73	3.64	3.39	0.95	6.67	6.56	6.36	6.16	5.9	5.58	5.19	4.75	4.24	3.7	3.12	2.49	1.79	1.06	0.38	6.89	6.78	6.56	6.36	6.09	5.75
1.62	3.71	4.72	3.66	3.36	0.95	6.71	6.6	6.39	6.2	5.94	5.61	5.22	4.77	4.27	3.71	3.12	2.48	1.76	1.03	0.36	6.92	6.82	6.59	6.39	6.11	5.78
1.87	3.71	4.73	3.68	3.38	0.96	6.75	6.64	6.43	6.23	5.97	5.65	5.25	4.8	4.29	3.73	3.12	2.46	1.73	1	0.33	6.96	6.85	6.63	6.42	6.15	5.81
2.02	3.73	4.75	3.68	3.37	0.97	6.79	6.68	6.47	6.27	6	5.68	5.28	4.82	4.31	3.74	3.12	2.44	1.7	0.96	0.3	7.01	6.9	6.67	6.46	6.18	5.84
1.92	3.71	4.71	3.7	3.37	0.97	6.83	6.72	6.51	6.31	6.04	5.71	5.31	4.85	4.33	3.75	3.12	2.42	1.66	0.93	0.28	7.06	6.94	6.72	6.51	6.23	5.88
1.95	3.71	4.74	3.7	3.41	0.98	6.88	6.77	6.56	6.35	6.08	5.75	5.35	4.88	4.35	3.76	3.11	2.4	1.63	0.89	0.26	7.12	7	6.78	6.56	6.28	5.93
1.88	3.71	4.73	3.68	3.44	0.98	6.93	6.82	6.61	6.4	6.12	5.79	5.39	4.92	4.38	3.77	3.1	2.37	1.59	0.86	0.24	7.18	7.07	6.84	6.62	6.33	5.98
2.03	3.72	4.74	3.65	3.41	0.99	6.98	6.87	6.66	6.45	6.17	5.84	5.43	4.95	4.4	3.78	3.09	2.34	1.55	0.82	0.22	7.26	7.13	6.91	6.69	6.4	6.05
2.17	3.75	4.75	3.66	3.42	0.99	7.04	6.92	6.71	6.5	6.22	5.88	5.47	4.98	4.43	3.79	3.08	2.31	1.51	0.79	0.21	7.34	7.22	7	6.77	6.47	6.12
2.03	3.74	4.75	3.7	3.4	1	7.09	6.97	6.76	6.55	6.27	5.93	5.51	5.01	4.45	3.79	3.06	2.27	1.47	0.76	0.2	7.43	7.3	7.08	6.85	6.55	6.18
1.29	3.7	4.73	3.69	3.4	1	7.14	7.03	6.81	6.6	6.31	5.97	5.55	5.05	4.47	3.8	3.05	2.24	1.44	0.73	0.18	7.52	7.39	7.16	6.93	6.63	6.26
1.75	3.72	4.74	3.69	3.37	1	7.19	7.08	6.86	6.65	6.36	6.02	5.59	5.08	4.49	3.8	3.03	2.21	1.41	0.71	0.18	7.6	7.48	7.24	7.02	6.71	6.34
1.99	3.73	4.71	3.68	3.38	1	7.23	7.12	6.91	6.69	6.4	6.06	5.63	5.11	4.51	3.8	3.02	2.18	1.38	0.69	0.17	7.69	7.56	7.33	7.09	6.79	6.41
2.09	3.72	4.75	3.64	3.4	1	7.27	7.16	6.94	6.73	6.44	6.09	5.65	5.13	4.52	3.8	2.99	2.15	1.34	0.67	0.17	7.77	7.65	7.41	7.17	6.86	6.48
1.71	3.7	4.75	3.67	3.39	1	7.3	7.19	6.97	6.76	6.47	6.12	5.68	5.15	4.52	3.79	2.97	2.11	1.31	0.65	0.16	7.85	7.72	7.48	7.24	6.93	6.55
1.75	3.71	4.75	3.68	3.37	1	7.33	7.22	7	6.78	6.49	6.14	5.69	5.15	4.52	3.77	2.93	2.07	1.27	0.62	0.16	7.93	7.8	7.56	7.32	7	6.61
2.17	3.71	4.73	3.68	3.41	1	7.36	7.25	7.03	6.81	6.52	6.16	5.71	5.16	4.51	3.74	2.9	2.03	1.23	0.6	0.15	8.01	7.88	7.64	7.39	7.07	6.67
2.08	3.73	4.73	3.68	3.4	1	7.4	7.28	7.06	6.84	6.55	6.18	5.72	5.16	4.5	3.72	2.86	1.99	1.2	0.58	0.15	8.1	7.97	7.72	7.47	7.14	6.74
1.91	3.71	4.72	3.71	3.4	1	7.43	7.31	7.08	6.86	6.57	6.2	5.73	5.16	4.48	3.69	2.82	1.94	1.16	0.56	0.14	8.18	8.05	7.79	7.54	7.21	6.8
1.92	3.71	4.72	3.69	3.41	1	7.45	7.34	7.1	6.88	6.58	6.21	5.74	5.15	4.46	3.66	2.77	1.89	1.12	0.53	0.13	8.25	8.12	7.86	7.6	7.27	6.85
1.84	3.72	4.74	3.7	3.39	1	7.46	7.36	7.12	6.89	6.59	6.21	5.73	5.14	4.44	3.62	2.72	1.84	1.08	0.51	0.13	8.31	8.19	7.92	7.66	7.32	6.9
2.15	3.68	4.73	3.69	3.38	1	7.47	7.36	7.12	6.89	6.59	6.21	5.72	5.12	4.41	3.58	2.67	1.79	1.04	0.48	0.12	8.36	8.24	7.96	7.7	7.36	6.93
2.26	3.67	4.75	3.7	3.4	1	7.46	7.36	7.11	6.88	6.58	6.2	5.71	5.1	4.37	3.53	2.62	1.74	1	0.46	0.11	8.39	8.27	7.99</			

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.24	3.72	4.74	3.66	3.4	1.01	7.3	7.1	6.81	6.52	6.11	5.56	4.83	3.96	3.01	2.06	1.21	0.58	0.23	0.07	0.01	8.25	8.02	7.7	7.36	6.9	6.27
1.96	3.73	4.74	3.64	3.39	1.01	7.3	7.09	6.81	6.51	6.09	5.54	4.81	3.94	2.98	2.03	1.18	0.56	0.22	0.07	0.01	8.21	7.98	7.66	7.33	6.86	6.23
1.77	3.72	4.71	3.69	3.39	1.02	7.3	7.09	6.8	6.5	6.08	5.52	4.79	3.91	2.95	1.99	1.15	0.54	0.2	0.06	0.01	8.18	7.95	7.63	7.29	6.82	6.19
1.78	3.73	4.73	3.69	3.39	1.02	7.3	7.09	6.8	6.5	6.07	5.51	4.77	3.88	2.91	1.94	1.11	0.51	0.19	0.06	0.01	8.15	7.93	7.6	7.26	6.79	6.15
1.66	3.72	4.74	3.69	3.4	1.02	7.3	7.1	6.8	6.5	6.07	5.5	4.74	3.84	2.86	1.9	1.07	0.49	0.18	0.05	0.01	8.13	7.9	7.58	7.23	6.75	6.11
1.74	3.7	4.73	3.69	3.4	1.02	7.31	7.11	6.81	6.51	6.07	5.49	4.72	3.81	2.82	1.85	1.03	0.46	0.17	0.05	0.008	8.11	7.88	7.56	7.21	6.73	6.07
2.12	3.72	4.73	3.68	3.4	1.02	7.32	7.12	6.82	6.51	6.07	5.48	4.69	3.76	2.76	1.79	0.98	0.44	0.16	0.05	0.006	8.08	7.86	7.53	7.19	6.7	6.04
2.2	3.72	4.73	3.65	3.38	1.01	7.33	7.13	6.83	6.52	6.07	5.46	4.67	3.72	2.71	1.74	0.94	0.41	0.15	0.04	0.005	8.06	7.84	7.51	7.16	6.67	6
2.19	3.74	4.73	3.72	3.42	1.01	7.34	7.14	6.84	6.52	6.07	5.45	4.63	3.67	2.65	1.68	0.89	0.39	0.14	0.04	0.003	8.04	7.82	7.49	7.14	6.64	5.96
1.76	3.72	4.74	3.71	3.39	1.01	7.35	7.15	6.85	6.53	6.07	5.44	4.6	3.62	2.58	1.62	0.85	0.37	0.13	0.04	0.001	8.01	7.79	7.46	7.11	6.6	5.91
1.35	3.73	4.7	3.73	3.4	1	7.36	7.16	6.85	6.53	6.06	5.42	4.56	3.56	2.52	1.56	0.8	0.34	0.12	0.03	-0.001	7.98	7.76	7.42	7.07	6.56	5.85
1.89	3.71	4.71	3.69	3.4	1	7.37	7.16	6.86	6.53	6.05	5.4	4.52	3.5	2.45	1.49	0.76	0.32	0.11	0.03	-0.002	7.94	7.72	7.39	7.03	6.51	5.8
0.93	3.71	4.74	3.7	3.38	0.99	7.37	7.16	6.86	6.53	6.04	5.37	4.48	3.45	2.39	1.43	0.72	0.3	0.1	0.03	-0.003	7.91	7.68	7.34	6.98	6.46	5.73
1.69	3.71	4.73	3.69	3.39	0.98	7.38	7.16	6.85	6.52	6.03	5.35	4.44	3.39	2.33	1.38	0.68	0.28	0.09	0.02	-0.005	7.86	7.63	7.3	6.94	6.41	5.67
2.26	3.72	4.73	3.65	3.37	0.98	7.38	7.16	6.85	6.51	6.01	5.32	4.4	3.34	2.27	1.32	0.65	0.26	0.09	0.02	-0.005	7.82	7.58	7.24	6.88	6.34	5.6
2.17	3.69	4.72	3.67	3.39	0.97	7.38	7.16	6.84	6.5	5.99	5.29	4.36	3.29	2.22	1.28	0.62	0.25	0.08	0.02	-0.005	7.77	7.52	7.19	6.82	6.28	5.53
2.08	3.68	4.71	3.65	3.37	0.96	7.39	7.15	6.84	6.49	5.97	5.26	4.33	3.25	2.17	1.23	0.59	0.23	0.08	0.02	-0.006	7.72	7.46	7.13	6.76	6.21	5.46
1.98	3.71	4.71	3.69	3.38	0.95	7.4	7.15	6.83	6.48	5.95	5.23	4.29	3.2	2.12	1.19	0.56	0.22	0.07	0.01	-0.006	7.67	7.41	7.07	6.7	6.14	5.39
1.6	3.68	4.71	3.68	3.37	0.95	7.41	7.15	6.83	6.47	5.94	5.21	4.26	3.16	2.08	1.16	0.54	0.2	0.07	0.01	-0.006	7.62	7.35	7.02	6.64	6.08	5.32
1.93	3.68	4.72	3.67	3.37	0.94	7.42	7.16	6.84	6.47	5.93	5.19	4.23	3.13	2.04	1.12	0.51	0.19	0.06	0.01	-0.006	7.58	7.31	6.97	6.58	6.02	5.26
2.01	3.7	4.74	3.66	3.34	0.94	7.45	7.19	6.85	6.48	5.92	5.18	4.2	3.09	2	1.09	0.49	0.18	0.06	0.01	-0.005	7.55	7.27	6.93	6.54	5.97	5.2
1.77	3.75	4.72	3.64	3.45	0.94	7.48	7.22	6.87	6.49	5.93	5.17	4.18	3.06	1.96	1.06	0.47	0.17	0.05	0.01	-0.004	7.52	7.25	6.89	6.5	5.93	5.15
1.84	3.75	4.71	3.68	3.45	0.93	7.53	7.26	6.91	6.52	5.95	5.17	4.16	3.02	1.92	1.03	0.46	0.17	0.05	0.01	-0.003	7.51	7.24	6.88	6.48	5.9	5.11
2.03	3.71	4.74	3.69	3.38	0.93	7.58	7.32	6.95	6.56	5.97	5.18	4.14	2.98	1.88	1	0.44	0.16	0.05	0.01	0	7.51	7.24	6.87	6.46	5.87	5.08
2.15	3.7	4.72	3.69	3.39	0.93	7.65	7.38	7	6.6	6	5.18	4.12	2.94	1.83	0.97	0.42	0.16	0.05	0.01	0.002	7.52	7.24	6.86	6.45	5.85	5.05
1.7	3.69	4.73	3.67	3.37	0.94	7.71	7.43	7.05	6.64	6.02	5.18	4.09	2.89	1.78	0.93	0.4	0.15	0.05	0.01	0.004	7.54	7.25	6.86	6.45	5.84	5.01
2.02	3.7	4.76	3.65	3.37	0.94	7.77	7.48	7.09	6.66	6.03	5.16	4.04	2.82	1.72	0.88	0.38	0.14	0.05	0.01	0.005	7.55	7.24	6.86	6.43	5.81	4.96
2.09	3.71	4.74	3.67	3.37	0.94	7.82	7.51	7.11	6.67	6.02	5.13	3.97	2.74	1.65	0.84	0.36	0.13	0.04	0.01	0.006	7.55	7.23	6.84	6.4	5.76	4.9
1.67	3.71	4.74	3.69	3.37	0.95	7.85	7.52	7.12	6.67	5.99	5.07	3.89	2.65	1.57	0.79	0.34	0.13	0.04	0.01	0.008	7.55	7.21	6.81	6.36	5.7	4.81
1.89	3.71	4.74	3.69	3.39	0.95	7.88	7.53	7.11	6.64	5.94	4.98	3.78	2.54	1.49	0.74	0.32	0.12	0.04	0.01	0.008	7.54	7.18	6.77	6.31	5.62	4.71
2.13	3.72	4.73	3.65	3.39	0.96	7.89	7.52	7.09	6.6	5.87	4.88	3.65	2.42	1.4	0.69	0.3	0.11	0.04	0.02	0.01	7.52	7.14	6.72	6.23	5.53	4.59
1.92	3.69	4.73	3.68	3.4	0.96	7.9	7.51	7.07	6.55	5.78	4.76	3.52	2.3	1.32	0.65	0.28	0.11	0.04	0.02	0.01	7.5	7.11	6.67	6.16	5.42	4.46
1.81	3.69	4.71	3.7	3.39	0.97	7.92	7.51	7.05	6.49	5.69	4.64	3.39	2.18	1.24	0.61	0.27	0.11	0.05	0.02	0.01	7.5	7.09	6.63	6.09	5.32	4.33
1.91	3.71	4.74	3.68	3.38	0.97	7.96	7.52	7.03	6.45	5.6	4.51	3.25	2.07	1.16	0.58	0.26	0.11	0.05	0.02	0.01	7.51	7.08	6.59	6.02	5.22	4.19
1.61	3.7	4.74	3.66	3.4	0.97	7.99	7.54	7.02	6.4	5.51	4.39	3.11	1.95	1.09	0.54	0.25	0.11	0.05	0.03	0.01	7.53	7.07	6.56	5.96	5.12	4.07
1.97	3.75	4.73	3.7	3.46	0.97	8.04	7.57	7.02	6.37	5.44	4.27	2.99	1.85	1.02	0.51	0.24	0.11	0.05	0.03	0.01	7.57	7.09	6.55	5.91	5.03	3.95
1.84	3.75	4.74	3.69	3.41	0.97	8.1	7.61	7.04	6.35	5.37	4.17	2.87	1.75	0.96	0.48	0.23	0.11	0.05	0.03	0.01	7.62	7.11	6.55	5.88	4.96	3.84
1.43	3.72	4.72	3.67	3.41	0.97	8.16	7.66	7.07	6.34	5.32	4.08	2.77	1.66	0.9	0.46	0.22	0.11	0.06	0.03	0.01	7.66	7.14	6.56	5.86	4.9	3.75
1.92	3.73	4.73	3.69	3.38	0.97	8.22	7.71	7.11	6.35	5.28	4	2.67	1.58	0.85	0.43	0.21	0.11	0.06	0.03	0.01	7.71	7.19	6.59	5.86	4.85	3.67
1.6	3.86	4.69	3.73	3.54	0.97	8.27	7.78	7.16	6.37	5.25	3.93	2.58	1.5	0.8	0.4	0.2	0.11	0.05	0.03	0.01	7.76	7.25	6.63	5.87	4.82	3.6
1.41	3.8	4.73	3.73	3.47	0.97	8.32	7.84	7.21	6.39	5.24	3.87	2.5	1.43	0.75	0.38	0.19	0.1	0.05	0.03	0.01	7.81	7.31	6.68	5.89	4.79	3.54
1.98	3.73	4.73	3.66	3.4	0.97	8.38	7.91	7.27	6.42	5.22	3.81	2.42	1.36	0.7	0.36	0.18	0.1	0.05	0.03	0.01	7.86	7.38	6.74	5.91	4.78	3.48
1.9	3.74	4.75	3.66	3.4	0.97	8.43	7.98	7.33	6.45	5.2	3.75	2.35	1.3	0.66	0.33	0.17	0.09	0.05	0.02	0.01	7.91	7.44	6.78	5.93	4.75	3.42
1.9	3.74	4.74	3.71	3.38	0.97	8.48	8.03	7.37	6.46	5.16	3.68	2.27	1.24	0.63	0.31	0.16	0.09	0.05	0.02	0.01	7.96	7.5	6.82	5.93	4.72	3.36
1.51	3.74	4.73	3.68	3.38	0.97	8.52	8.07	7.38	6.44	5.11	3.6	2.19	1.18	0.59	0.3	0.16	0.08	0.05	0.02	0.01	8.01	7.53	6.83	5.91	4.66	3.29
1.35	3.73	4.74	3.69	3.39	0.97	8.56	8.08	7.36	6.39	5.03	3.51	2.11	1.12	0.56	0.28	0.15	0.08	0.04	0.02	0.01	8.04	7.54	6.81	5.86	4.58	3.2
1.83	3.72	4.72	3.66	3.4	0.97	8.58	8.06	7.3	6.3	4.91	3.39	2.02	1.07	0.53	0.27	0.14	0.08	0.04	0.02	0.01	8.07	7.52	6.75	5.77	4.48	3.1
1.91	3.75	4.74	3.66	3.41	0.97	8.6	8.01	7.21	6.16	4.76	3.26	1.93	1.02	0.5	0.25	0.13	0.07	0.04	0.02	0.009	8.08	7.46	6.65	5.64	4.34	2.98
1.8	3.72	4.7	3.69	3.4	0.97	8.6	7.94	7.08	6	4.58	3.12	1.83	0.96	0.48	0.24	0.13	0.07	0.04	0.02	0.007	8.07	7.37	6.52	5.48	4.17	2.84
1.5	3.73	4.73	3.7	3.41	0.97	8.59	7.84	6.93	5.8	4.39	2.96	1.73	0.91													

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.07	3.81	4.75	3.65	3.44	1.04	7.77	7.61	7.3	6.99	6.57	6.02	5.24	4.24	3.11	1.98	1.03	0.42	0.13	0.03	-0.002	7.67	7.49	7.16	6.85	6.42	5.86
2.11	3.8	4.76	3.68	3.45	1.03	7.75	7.59	7.29	6.98	6.57	6.02	5.25	4.26	3.12	1.99	1.04	0.43	0.14	0.03	-0.002	7.65	7.48	7.16	6.84	6.42	5.86
2.03	3.79	4.74	3.68	3.46	1.02	7.73	7.58	7.28	6.98	6.57	6.03	5.26	4.27	3.14	2	1.05	0.43	0.14	0.03	-0.002	7.64	7.47	7.15	6.84	6.42	5.87
2.12	3.78	4.76	3.67	3.43	1.01	7.73	7.57	7.29	6.98	6.58	6.03	5.26	4.27	3.14	2.01	1.05	0.43	0.14	0.03	-0.002	7.63	7.46	7.15	6.84	6.42	5.87
2.16	3.79	4.77	3.67	3.41	0.99	7.74	7.58	7.3	7	6.59	6.05	5.28	4.28	3.15	2.02	1.06	0.43	0.14	0.03	-0.002	7.63	7.46	7.16	6.85	6.43	5.87
2.02	3.78	4.75	3.64	3.37	0.98	7.76	7.6	7.32	7.02	6.61	6.06	5.29	4.29	3.16	2.02	1.06	0.43	0.14	0.03	-0.002	7.64	7.47	7.17	6.86	6.44	5.88
2.11	3.76	4.74	3.68	3.41	0.97	7.79	7.63	7.35	7.05	6.64	6.09	5.3	4.3	3.16	2.02	1.06	0.43	0.14	0.03	-0.001	7.66	7.48	7.18	6.87	6.45	5.89
2.19	3.75	4.75	3.66	3.42	0.97	7.84	7.67	7.39	7.09	6.68	6.12	5.33	4.31	3.16	2.01	1.05	0.43	0.14	0.03	-0.001	7.69	7.5	7.2	6.89	6.47	5.91
1.45	3.78	4.74	3.66	3.4	0.96	7.89	7.72	7.44	7.14	6.72	6.16	5.35	4.32	3.16	2	1.04	0.43	0.14	0.03	-0.001	7.72	7.54	7.23	6.93	6.5	5.93
1.84	3.78	4.75	3.67	3.38	0.96	7.96	7.79	7.5	7.2	6.78	6.2	5.39	4.33	3.15	1.99	1.03	0.42	0.14	0.03	-0.001	7.77	7.58	7.27	6.97	6.54	5.96
2.15	3.77	4.76	3.67	3.37	0.95	8.03	7.86	7.56	7.26	6.84	6.26	5.42	4.34	3.14	1.97	1.02	0.41	0.14	0.03	-0.001	7.82	7.63	7.32	7.01	6.58	6
2.17	3.77	4.74	3.67	3.4	0.95	8.12	7.94	7.64	7.34	6.91	6.31	5.46	4.36	3.13	1.95	1	0.41	0.14	0.03	-0.001	7.88	7.7	7.38	7.07	6.63	6.03
2.13	3.77	4.74	3.69	3.41	0.96	8.21	8.03	7.72	7.42	6.98	6.36	5.48	4.36	3.11	1.92	0.98	0.39	0.13	0.03	-0.002	7.94	7.75	7.43	7.11	6.67	6.06
2.15	3.76	4.73	3.67	3.39	0.96	8.3	8.11	7.8	7.49	7.04	6.41	5.5	4.35	3.08	1.88	0.95	0.38	0.13	0.03	-0.002	8.01	7.82	7.49	7.17	6.72	6.09
2.1	3.79	4.73	3.67	3.41	0.96	8.38	8.19	7.88	7.56	7.1	6.44	5.51	4.32	3.04	1.84	0.92	0.37	0.13	0.03	-0.003	8.07	7.87	7.54	7.21	6.75	6.11
2.07	3.78	4.75	3.7	3.4	0.97	8.47	8.27	7.95	7.62	7.15	6.47	5.5	4.29	2.99	1.79	0.89	0.36	0.12	0.03	-0.002	8.13	7.93	7.6	7.25	6.78	6.11
2.06	3.8	4.75	3.67	3.41	0.97	8.54	8.33	8.01	7.67	7.18	6.47	5.47	4.24	2.94	1.75	0.86	0.35	0.12	0.03	0.001	8.18	7.97	7.63	7.28	6.79	6.1
2.29	3.78	4.75	3.7	3.41	0.98	8.61	8.39	8.06	7.71	7.2	6.46	5.44	4.19	2.88	1.7	0.83	0.34	0.12	0.03	0.003	8.23	8	7.66	7.3	6.8	6.08
2.23	3.8	4.75	3.67	3.42	0.99	8.66	8.42	8.1	7.73	7.2	6.44	5.39	4.12	2.81	1.65	0.81	0.33	0.12	0.03	0.006	8.26	8.02	7.68	7.31	6.78	6.04
2.1	3.8	4.73	3.69	3.41	1	8.7	8.45	8.12	7.75	7.19	6.41	5.33	4.05	2.75	1.61	0.78	0.32	0.12	0.04	0.009	8.29	8.03	7.7	7.31	6.77	6
2.01	3.8	4.72	3.68	3.4	1	8.73	8.47	8.14	7.75	7.18	6.37	5.28	3.99	2.69	1.56	0.76	0.32	0.12	0.04	0.01	8.31	8.04	7.7	7.31	6.74	5.96
2.02	3.78	4.74	3.68	3.39	1.01	8.76	8.49	8.15	7.76	7.17	6.34	5.22	3.92	2.63	1.53	0.75	0.32	0.12	0.04	0.01	8.33	8.05	7.71	7.3	6.73	5.93
1.82	3.77	4.74	3.68	3.41	1.02	8.78	8.5	8.16	7.76	7.16	6.31	5.18	3.87	2.58	1.49	0.73	0.31	0.12	0.04	0.01	8.35	8.06	7.71	7.3	6.71	5.89
2.13	3.8	4.73	3.67	3.43	1.02	8.79	8.51	8.16	7.75	7.14	6.29	5.14	3.82	2.54	1.46	0.72	0.31	0.12	0.04	0.01	8.36	8.06	7.71	7.29	6.69	5.87
2.21	3.81	4.73	3.66	3.43	1.03	8.81	8.51	8.16	7.75	7.13	6.27	5.11	3.78	2.5	1.44	0.71	0.3	0.12	0.04	0.01	8.37	8.07	7.71	7.29	6.68	5.85
2	3.79	4.73	3.7	3.41	1.03	8.82	8.51	8.16	7.75	7.13	6.25	5.09	3.75	2.47	1.41	0.69	0.3	0.11	0.04	0.02	8.39	8.07	7.71	7.29	6.68	5.84
2.16	3.78	4.74	3.71	3.44	1.04	8.82	8.51	8.15	7.74	7.12	6.24	5.07	3.72	2.44	1.39	0.68	0.29	0.11	0.04	0.02	8.4	8.07	7.7	7.28	6.67	5.83
2.23	3.79	4.76	3.7	3.43	1.04	8.81	8.49	8.14	7.72	7.1	6.22	5.04	3.7	2.41	1.37	0.67	0.29	0.11	0.04	0.02	8.4	8.06	7.7	7.27	6.66	5.81
2.45	3.82	4.73	3.69	3.42	1.04	8.8	8.47	8.12	7.71	7.08	6.2	5.02	3.67	2.39	1.36	0.67	0.29	0.11	0.04	0.02	8.39	8.05	7.68	7.26	6.65	5.8
1.99	3.8	4.74	3.67	3.43	1.04	8.78	8.45	8.1	7.68	7.06	6.17	4.99	3.64	2.37	1.35	0.67	0.29	0.12	0.04	0.02	8.38	8.03	7.67	7.24	6.63	5.78
2.01	3.81	4.72	3.66	3.41	1.04	8.76	8.42	8.07	7.65	7.02	6.14	4.95	3.61	2.35	1.34	0.67	0.29	0.12	0.04	0.02	8.37	8.01	7.65	7.22	6.6	5.75
2.05	3.79	4.73	3.71	3.41	1.04	8.73	8.39	8.04	7.62	6.99	6.1	4.92	3.59	2.34	1.34	0.67	0.3	0.12	0.05	0.02	8.35	8	7.63	7.2	6.58	5.72
2.08	3.77	4.76	3.69	3.42	1.04	8.69	8.36	8	7.58	6.94	6.05	4.87	3.55	2.32	1.33	0.67	0.3	0.12	0.05	0.02	8.33	7.97	7.6	7.17	6.54	5.68
2.17	3.79	4.76	3.65	3.43	1.04	8.66	8.33	7.97	7.54	6.9	6.01	4.84	3.53	2.31	1.33	0.67	0.3	0.12	0.05	0.02	8.31	7.95	7.58	7.14	6.51	5.65
2.06	3.79	4.75	3.65	3.44	1.04	8.64	8.3	7.94	7.51	6.87	5.98	4.8	3.5	2.3	1.33	0.68	0.3	0.12	0.04	0.01	8.3	7.94	7.57	7.12	6.49	5.63
1.71	3.78	4.75	3.69	3.43	1.04	8.62	8.29	7.92	7.49	6.84	5.95	4.78	3.49	2.3	1.34	0.68	0.3	0.12	0.04	0.01	8.29	7.94	7.56	7.11	6.48	5.61
1.97	3.8	4.76	3.69	3.43	1.04	8.61	8.28	7.91	7.48	6.83	5.94	4.77	3.48	2.3	1.34	0.69	0.3	0.11	0.04	0.01	8.29	7.95	7.56	7.12	6.47	5.6
1.75	3.78	4.75	3.71	3.42	1.03	8.62	8.29	7.92	7.48	6.83	5.94	4.77	3.49	2.31	1.35	0.69	0.31	0.11	0.04	0.007	8.31	7.96	7.57	7.12	6.48	5.6
1.36	3.81	4.75	3.7	3.41	1.03	8.63	8.3	7.92	7.49	6.84	5.95	4.79	3.51	2.33	1.37	0.71	0.31	0.12	0.04	0.004	8.33	7.98	7.59	7.14	6.5	5.62
1.24	3.81	4.74	3.65	3.44	1.03	8.64	8.31	7.94	7.5	6.86	5.97	4.82	3.55	2.36	1.4	0.73	0.33	0.12	0.04	0.003	8.34	8	7.61	7.16	6.52	5.65
2.09	3.83	4.76	3.68	3.44	1.03	8.65	8.33	7.96	7.53	6.89	6.01	4.86	3.6	2.41	1.44	0.76	0.35	0.13	0.04	0.002	8.37	8.02	7.63	7.19	6.55	5.69
2.02	3.81	4.77	3.68	3.45	1.02	8.65	8.33	7.96	7.54	6.91	6.05	4.91	3.66	2.47	1.49	0.79	0.36	0.14	0.04	0.002	8.37	8.03	7.64	7.21	6.58	5.73
2	3.8	4.75	3.7	3.43	1.02	8.64	8.33	7.97	7.56	6.94	6.09	4.97	3.72	2.53	1.54	0.83	0.38	0.15	0.04	0.001	8.36	8.02	7.65	7.22	6.61	5.77
1.87	3.82	4.77	3.67	3.42	1.02	8.62	8.32	7.97	7.57	6.96	6.13	5.03	3.8	2.61	1.6	0.87	0.41	0.16	0.05	0.002	8.34	8.02	7.65	7.24	6.63	5.81
1.56	3.8	4.76	3.67	3.44	1.02	8.6	8.31	7.97	7.58	6.99	6.18	5.1	3.88	2.69	1.67	0.91	0.43	0.17	0.05	0.002	8.32	8.02	7.65	7.25	6.66	5.86
1.98	3.78	4.75	3.69	3.43	1.02	8.58	8.31	7.97	7.59	7.01	6.22	5.17	3.97	2.78	1.75	0.97	0.46	0.19	0.05	0.003	8.3	8.01	7.65	7.26	6.69	5.91
2.02	3.78	4.76	3.67	3.43	1.02	8.57	8.3	7.97	7.6	7.04	6.28	5.25	4.07	2.88	1.83	1.02	0.49	0.2	0.06	0.005	8.28	8	7.66	7.27	6.72	5.96
1.61	3.79	4.76	3.69	3.43	1.02	8.55	8.3	7.98	7.62	7.08	6.33	5.33	4.17	2.98	1.91	1.08	0.53	0.22	0.06	0.007	8.27	8	7.67	7.29	6.75	6.02
2.06	3.8	4.73	3.67	3.42	1.02	8.55	8.31	8	7.64	7.11	6.39	5.41	4.27	3.09	2.01	1.14	0.56	0.23	0.07	0.009	8.26	8.01	7.68	7.31	6.79	6.07
2.08	3.8	4.75	3.67	3.48	1.02	8.54	8.31	8	7.65	7.14	6.44	5.49	4.37	3.2												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.99	3.81	4.75	3.69	3.44	1.06	8.15	8	7.73	7.47	7.14	6.73	6.26	5.72	5.12	4.44	3.65	2.72	1.75	0.9	0.26	7.59	7.43	7.16	6.92	6.6	6.21
1.86	3.81	4.74	3.69	3.44	1.06	8.11	7.96	7.69	7.44	7.11	6.71	6.23	5.7	5.11	4.44	3.67	2.75	1.79	0.93	0.28	7.56	7.41	7.14	6.9	6.58	6.2
2.02	3.79	4.73	3.69	3.4	1.06	8.07	7.92	7.66	7.41	7.07	6.68	6.21	5.68	5.09	4.44	3.68	2.78	1.83	0.96	0.3	7.53	7.38	7.12	6.88	6.55	6.17
1.93	3.77	4.76	3.68	3.43	1.06	8.04	7.89	7.63	7.38	7.05	6.65	6.19	5.66	5.08	4.44	3.69	2.81	1.86	1	0.32	7.52	7.37	7.11	6.86	6.54	6.16
1.95	3.79	4.75	3.69	3.42	1.06	8.01	7.86	7.6	7.35	7.02	6.62	6.16	5.64	5.07	4.43	3.69	2.83	1.89	1.03	0.33	7.5	7.35	7.09	6.85	6.53	6.15
2.24	3.79	4.74	3.65	3.44	1.06	7.99	7.83	7.57	7.32	6.99	6.6	6.14	5.62	5.05	4.42	3.7	2.85	1.92	1.06	0.35	7.5	7.34	7.08	6.84	6.52	6.14
2.17	3.8	4.75	3.67	3.42	1.06	7.96	7.8	7.54	7.29	6.97	6.58	6.11	5.6	5.04	4.42	3.7	2.87	1.95	1.09	0.38	7.49	7.33	7.07	6.82	6.5	6.13
1.94	3.81	4.75	3.65	3.44	1.05	7.94	7.78	7.52	7.27	6.94	6.55	6.1	5.58	5.03	4.41	3.71	2.89	1.98	1.12	0.4	7.49	7.32	7.06	6.81	6.5	6.12
2.15	3.81	4.75	3.68	3.44	1.05	7.92	7.76	7.5	7.25	6.92	6.54	6.08	5.57	5.02	4.41	3.72	2.91	2.01	1.15	0.43	7.48	7.31	7.05	6.8	6.49	6.11
1.75	3.81	4.76	3.68	3.43	1.04	7.9	7.73	7.47	7.22	6.9	6.52	6.06	5.56	5.01	4.41	3.73	2.93	2.04	1.19	0.46	7.46	7.29	7.03	6.79	6.47	6.1
1.82	3.79	4.74	3.69	3.41	1.03	7.87	7.7	7.44	7.2	6.88	6.5	6.05	5.55	5	4.4	3.73	2.95	2.07	1.22	0.49	7.44	7.27	7.01	6.77	6.45	6.08
2.18	3.81	4.76	3.7	3.39	1.02	7.84	7.67	7.41	7.17	6.85	6.47	6.03	5.53	4.99	4.4	3.73	2.96	2.09	1.24	0.52	7.41	7.24	6.98	6.74	6.43	6.06
2.24	3.78	4.76	3.7	3.39	1.02	7.8	7.64	7.38	7.14	6.83	6.45	6.01	5.51	4.98	4.39	3.73	2.96	2.1	1.26	0.54	7.37	7.2	6.95	6.71	6.4	6.04
2.08	3.78	4.76	3.65	3.38	1.01	7.76	7.61	7.35	7.11	6.8	6.42	5.98	5.49	4.96	4.37	3.72	2.96	2.11	1.28	0.55	7.33	7.17	6.92	6.68	6.37	6.01
1.93	3.79	4.77	3.69	3.42	1	7.73	7.57	7.32	7.08	6.77	6.39	5.96	5.46	4.94	4.36	3.71	2.95	2.12	1.29	0.57	7.29	7.13	6.88	6.64	6.34	5.98
2.04	3.78	4.76	3.68	3.42	1	7.7	7.53	7.28	7.04	6.73	6.36	5.93	5.44	4.91	4.33	3.69	2.94	2.12	1.3	0.58	7.25	7.09	6.84	6.61	6.31	5.95
2.23	3.78	4.74	3.67	3.42	0.99	7.66	7.49	7.25	7.01	6.7	6.33	5.89	5.41	4.88	4.31	3.67	2.93	2.12	1.3	0.58	7.21	7.05	6.8	6.57	6.27	5.91
1.97	3.8	4.74	3.66	3.4	0.99	7.63	7.45	7.21	6.97	6.66	6.29	5.86	5.38	4.85	4.28	3.64	2.91	2.11	1.3	0.58	7.17	7	6.76	6.52	6.23	5.87
1.87	3.79	4.76	3.71	3.41	0.99	7.59	7.41	7.17	6.93	6.63	6.26	5.83	5.34	4.82	4.25	3.62	2.89	2.1	1.3	0.58	7.12	6.95	6.71	6.48	6.18	5.83
1.94	3.77	4.73	3.69	3.4	0.99	7.55	7.37	7.13	6.89	6.59	6.22	5.79	5.31	4.79	4.22	3.59	2.87	2.09	1.3	0.58	7.08	6.9	6.66	6.43	6.14	5.79
1.83	3.78	4.74	3.63	3.41	0.99	7.51	7.33	7.09	6.85	6.55	6.18	5.75	5.27	4.75	4.19	3.56	2.85	2.07	1.29	0.57	7.03	6.85	6.61	6.39	6.09	5.75
1.83	3.8	4.72	3.65	3.39	0.99	7.47	7.29	7.05	6.81	6.51	6.15	5.71	5.23	4.72	4.15	3.53	2.82	2.06	1.28	0.56	6.98	6.8	6.57	6.34	6.05	5.7
1.85	3.78	4.75	3.69	3.39	0.99	7.43	7.25	7.01	6.78	6.47	6.11	5.68	5.2	4.68	4.12	3.5	2.8	2.04	1.27	0.55	6.94	6.76	6.53	6.3	6.01	5.66
2.07	3.79	4.76	3.67	3.4	1	7.39	7.22	6.97	6.74	6.44	6.07	5.64	5.16	4.64	4.08	3.46	2.77	2.02	1.26	0.55	6.89	6.72	6.48	6.26	5.97	5.62
2.11	3.79	4.73	3.64	3.42	1	7.35	7.18	6.93	6.7	6.4	6.03	5.6	5.12	4.6	4.04	3.43	2.75	2.01	1.25	0.54	6.85	6.68	6.44	6.22	5.93	5.58
2.13	3.79	4.75	3.68	3.42	1	7.31	7.14	6.89	6.66	6.35	5.98	5.55	5.07	4.56	4	3.39	2.72	1.99	1.24	0.53	6.8	6.64	6.4	6.18	5.88	5.54
1.94	3.8	4.76	3.65	3.4	1	7.26	7.09	6.85	6.61	6.31	5.94	5.5	5.03	4.51	3.96	3.36	2.69	1.97	1.23	0.52	6.75	6.59	6.35	6.13	5.84	5.49
2.24	3.8	4.73	3.64	3.43	1.01	7.21	7.04	6.79	6.56	6.26	5.89	5.46	4.98	4.47	3.92	3.32	2.67	1.95	1.22	0.52	6.7	6.54	6.3	6.08	5.79	5.44
2.21	3.83	4.75	3.67	3.58	1.01	7.15	6.99	6.74	6.51	6.2	5.84	5.41	4.93	4.42	3.87	3.28	2.64	1.94	1.21	0.51	6.64	6.48	6.24	6.02	5.73	5.39
1.65	3.8	4.75	3.66	3.43	1.01	7.1	6.93	6.68	6.46	6.15	5.79	5.36	4.88	4.38	3.83	3.25	2.62	1.92	1.2	0.5	6.58	6.42	6.19	5.97	5.68	5.34
1.56	3.78	4.74	3.68	3.44	1.01	7.05	6.87	6.63	6.4	6.1	5.74	5.31	4.84	4.33	3.79	3.21	2.59	1.91	1.2	0.5	6.53	6.36	6.13	5.91	5.63	5.29
1.82	3.8	4.73	3.66	3.42	1.01	6.99	6.81	6.58	6.35	6.05	5.69	5.27	4.8	4.29	3.75	3.18	2.57	1.89	1.19	0.5	6.48	6.3	6.08	5.86	5.58	5.24
2.16	3.78	4.73	3.68	3.42	1.01	6.95	6.76	6.53	6.3	6	5.65	5.22	4.76	4.26	3.72	3.15	2.54	1.88	1.19	0.49	6.42	6.25	6.03	5.81	5.53	5.2
2.01	3.8	4.74	3.66	3.43	1.01	6.9	6.72	6.48	6.26	5.96	5.61	5.19	4.72	4.22	3.68	3.12	2.52	1.87	1.18	0.49	6.38	6.2	5.98	5.77	5.49	5.16
1.68	3.79	4.77	3.66	3.41	1.01	6.86	6.68	6.45	6.22	5.93	5.57	5.15	4.69	4.19	3.65	3.09	2.5	1.86	1.18	0.49	6.34	6.16	5.94	5.73	5.45	5.12
1.62	3.8	4.74	3.66	3.39	1.01	6.83	6.64	6.41	6.19	5.89	5.54	5.12	4.66	4.16	3.63	3.07	2.48	1.85	1.17	0.49	6.3	6.12	5.91	5.7	5.42	5.09
1.24	3.81	4.77	3.67	3.42	1.01	6.8	6.62	6.39	6.16	5.87	5.52	5.1	4.63	4.14	3.6	3.05	2.47	1.84	1.17	0.49	6.27	6.1	5.88	5.67	5.39	5.06
1.92	3.8	4.76	3.68	3.41	1.01	6.79	6.6	6.37	6.15	5.85	5.5	5.08	4.61	4.12	3.58	3.03	2.46	1.83	1.17	0.49	6.25	6.08	5.86	5.65	5.37	5.05
1.66	3.78	4.74	3.67	3.41	1.01	6.77	6.59	6.36	6.14	5.84	5.48	5.06	4.6	4.1	3.57	3.02	2.45	1.83	1.17	0.5	6.24	6.06	5.85	5.64	5.36	5.03
2.07	3.77	4.76	3.68	3.44	1.02	6.77	6.59	6.36	6.13	5.84	5.48	5.06	4.59	4.09	3.56	3.01	2.44	1.83	1.18	0.51	6.23	6.06	5.85	5.63	5.36	5.02
1.99	3.8	4.74	3.68	3.45	1.02	6.77	6.59	6.37	6.14	5.84	5.48	5.06	4.59	4.09	3.56	3.01	2.45	1.84	1.19	0.52	6.24	6.07	5.85	5.64	5.36	5.03
2.04	3.8	4.74	3.67	3.44	1.02	6.79	6.61	6.38	6.15	5.85	5.49	5.07	4.6	4.1	3.56	3.02	2.46	1.85	1.2	0.54	6.25	6.08	5.87	5.66	5.38	5.04
2.15	3.8	4.76	3.7	3.43	1.03	6.8	6.63	6.4	6.17	5.87	5.51	5.08	4.61	4.11	3.57	3.03	2.47	1.87	1.22	0.56	6.27	6.11	5.89	5.68	5.4	5.06
1.96	3.78	4.76	3.69	3.43	1.03	6.82	6.66	6.42	6.2	5.89	5.53	5.1	4.63	4.12	3.59	3.04	2.49	1.89	1.24	0.58	6.3	6.14	5.92	5.71	5.43	5.09
1.47	3.77	4.76	3.68	3.43	1.03	6.84	6.68	6.45	6.22	5.91	5.55	5.12	4.64	4.14	3.6	3.06	2.5	1.91	1.27	0.6	6.33	6.18	5.95	5.74	5.46	5.12
1.45	3.81	4.74	3.67	3.44	1.04	6.86	6.71	6.47	6.24	5.93	5.57	5.14	4.66	4.15	3.61	3.07	2.52	1.93	1.29	0.62	6.36	6.21	5.99	5.77	5.49	5.14
1.34	3.78	4.76	3.66	3.43	1.04	6.88	6.73	6.49	6.26	5.95	5.59	5.15	4.67	4.16	3.63	3.08	2.53	1.95	1.31	0.64	6.39	6.25	6.02	5.81	5.52	5.17
1.77	3.78	4.78	3.67	3.43	1.05	6.9	6.76	6.51	6.28	5.97	5.6	5.17	4.69	4.18	3.64	3.1	2.55	1.96	1.33	0.66	6.42	6.28	6.05	5.84	5.54	5.2
1.75	3.8	4.75	3.67	3.43	1.05	6.92	6.77	6.52	6.3	5.99	5.62	5.18	4.7	4.19	3.65	3.11	2.56	1.98	1.34	0.68	6.45	6.32	6.08	5.87	5.57	5.23
1.59	3.8	4.76	3.65	3.44	1.06	6.93	6.79	6.54	6.31	6	5.63	5.19	4.71	4.2	3.66	3.12	2.58	2	1.3							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.35	3.8	4.75	3.7	3.42	1.02	7	6.86	6.62	6.4	6.1	5.75	5.33	4.87	4.38	3.87	3.33	2.72	2.02	1.28	0.59	6.91	6.77	6.52	6.3	6	5.65
1.84	3.79	4.75	3.66	3.4	1.02	7.02	6.88	6.63	6.41	6.11	5.76	5.34	4.88	4.39	3.88	3.34	2.72	2.01	1.27	0.58	6.93	6.78	6.54	6.32	6.01	5.66
1.75	3.79	4.76	3.67	3.4	1.03	7.03	6.89	6.65	6.42	6.12	5.77	5.35	4.89	4.4	3.88	3.34	2.71	2	1.26	0.57	6.95	6.8	6.55	6.33	6.03	5.67
1.89	3.81	4.77	3.68	3.41	1.03	7.04	6.9	6.65	6.43	6.13	5.77	5.36	4.9	4.4	3.89	3.33	2.7	1.99	1.24	0.56	6.96	6.81	6.56	6.34	6.03	5.68
1.96	3.8	4.76	3.67	3.43	1.04	7.04	6.9	6.66	6.43	6.13	5.78	5.36	4.9	4.4	3.88	3.33	2.69	1.97	1.22	0.54	6.96	6.82	6.57	6.34	6.04	5.69
1.99	3.79	4.74	3.63	3.42	1.04	7.04	6.89	6.65	6.42	6.13	5.77	5.36	4.9	4.4	3.88	3.32	2.68	1.95	1.2	0.52	6.96	6.81	6.57	6.34	6.04	5.69
1.98	3.77	4.73	3.66	3.42	1.04	7.03	6.88	6.64	6.42	6.12	5.77	5.35	4.89	4.4	3.88	3.31	2.66	1.93	1.18	0.5	6.95	6.81	6.56	6.33	6.03	5.68
1.97	3.81	4.74	3.68	3.43	1.04	7.02	6.87	6.63	6.4	6.11	5.76	5.35	4.89	4.4	3.87	3.3	2.65	1.9	1.15	0.47	6.94	6.79	6.55	6.32	6.02	5.67
1.69	3.79	4.74	3.67	3.39	1.04	7.01	6.86	6.62	6.39	6.1	5.75	5.34	4.88	4.4	3.87	3.29	2.63	1.88	1.13	0.45	6.93	6.77	6.53	6.3	6.01	5.66
1.31	3.78	4.74	3.68	3.39	1.04	7.01	6.84	6.61	6.38	6.09	5.74	5.33	4.88	4.39	3.87	3.28	2.61	1.86	1.1	0.43	6.92	6.75	6.52	6.29	6	5.65
1.09	3.79	4.75	3.68	3.42	1.03	7	6.83	6.6	6.37	6.09	5.74	5.33	4.88	4.4	3.87	3.28	2.6	1.84	1.08	0.42	6.91	6.73	6.5	6.27	5.98	5.64
1.71	3.78	4.78	3.66	3.39	1.03	7.01	6.83	6.6	6.37	6.09	5.74	5.33	4.88	4.4	3.87	3.27	2.59	1.82	1.06	0.4	6.9	6.72	6.49	6.26	5.97	5.63
2	3.8	4.73	3.65	3.38	1.03	7.01	6.83	6.6	6.38	6.09	5.75	5.34	4.89	4.4	3.87	3.27	2.57	1.8	1.04	0.39	6.9	6.72	6.48	6.26	5.97	5.63
2	3.8	4.75	3.65	3.45	1.03	7.02	6.84	6.61	6.39	6.1	5.75	5.35	4.9	4.41	3.87	3.26	2.56	1.77	1.02	0.37	6.89	6.71	6.47	6.25	5.97	5.62
1.87	3.8	4.75	3.68	3.49	1.03	7.04	6.86	6.62	6.4	6.11	5.77	5.36	4.91	4.42	3.88	3.26	2.54	1.75	1	0.36	6.89	6.71	6.47	6.25	5.97	5.62
1.67	3.79	4.75	3.66	3.42	1.02	7.05	6.87	6.63	6.41	6.13	5.78	5.37	4.92	4.43	3.88	3.25	2.52	1.73	0.98	0.35	6.89	6.71	6.47	6.25	5.97	5.62
2.05	3.76	4.78	3.67	3.41	1.02	7.06	6.88	6.65	6.43	6.14	5.79	5.39	4.94	4.44	3.88	3.24	2.51	1.71	0.96	0.33	6.89	6.71	6.47	6.25	5.97	5.62
2.15	3.78	4.74	3.66	3.39	1.02	7.08	6.9	6.66	6.44	6.15	5.81	5.4	4.95	4.45	3.89	3.24	2.49	1.68	0.93	0.32	6.89	6.71	6.47	6.25	5.97	5.63
2.18	3.79	4.75	3.69	3.41	1.02	7.1	6.91	6.67	6.46	6.17	5.82	5.42	4.96	4.46	3.89	3.23	2.47	1.66	0.91	0.31	6.89	6.71	6.47	6.25	5.97	5.63
1.74	3.79	4.72	3.68	3.44	1.02	7.11	6.93	6.69	6.47	6.18	5.84	5.43	4.98	4.47	3.89	3.22	2.45	1.64	0.89	0.3	6.89	6.71	6.47	6.25	5.97	5.63
2.16	3.78	4.76	3.66	3.43	1.02	7.12	6.94	6.7	6.48	6.2	5.85	5.45	4.99	4.48	3.89	3.21	2.43	1.61	0.87	0.29	6.89	6.71	6.47	6.25	5.97	5.63
2.28	3.79	4.75	3.68	3.39	1.02	7.14	6.96	6.72	6.5	6.21	5.87	5.46	5.01	4.49	3.9	3.2	2.41	1.59	0.85	0.28	6.9	6.71	6.48	6.26	5.98	5.64
2.01	3.76	4.75	3.67	3.4	1.02	7.15	6.97	6.73	6.51	6.22	5.88	5.47	5.02	4.5	3.9	3.19	2.39	1.57	0.83	0.27	6.9	6.72	6.48	6.26	5.98	5.64
1.97	3.78	4.75	3.66	3.44	1.02	7.15	6.98	6.74	6.52	6.23	5.89	5.48	5.03	4.51	3.9	3.18	2.37	1.54	0.82	0.26	6.9	6.72	6.48	6.26	5.98	5.65
1.78	3.8	4.75	3.66	3.44	1.02	7.16	6.99	6.75	6.52	6.24	5.89	5.49	5.03	4.51	3.9	3.17	2.35	1.52	0.8	0.25	6.9	6.73	6.49	6.27	5.99	5.65
1.91	3.8	4.76	3.66	3.41	1.02	7.16	6.99	6.75	6.53	6.24	5.9	5.5	5.04	4.52	3.9	3.17	2.34	1.5	0.79	0.25	6.9	6.73	6.49	6.27	5.99	5.65
2.02	3.77	4.76	3.69	3.44	1.02	7.16	6.99	6.75	6.53	6.25	5.9	5.5	5.04	4.52	3.9	3.16	2.32	1.48	0.77	0.25	6.9	6.73	6.49	6.27	5.99	5.66
1.85	3.78	4.76	3.66	3.44	1.02	7.16	6.99	6.75	6.53	6.24	5.9	5.5	5.05	4.52	3.9	3.15	2.3	1.46	0.76	0.24	6.9	6.73	6.49	6.27	5.99	5.66
1.75	3.78	4.76	3.66	3.44	1.02	7.15	6.98	6.74	6.52	6.24	5.9	5.5	5.04	4.52	3.89	3.13	2.28	1.44	0.75	0.24	6.9	6.73	6.49	6.27	6	5.66
1.89	3.8	4.75	3.62	3.44	1.02	7.15	6.97	6.73	6.52	6.24	5.9	5.5	5.04	4.52	3.88	3.12	2.26	1.42	0.73	0.23	6.9	6.73	6.49	6.28	6	5.67
1.91	3.81	4.72	3.63	3.41	1.02	7.14	6.97	6.73	6.51	6.23	5.89	5.5	5.04	4.51	3.87	3.1	2.24	1.4	0.72	0.23	6.91	6.73	6.49	6.28	6	5.67
2.02	3.79	4.75	3.66	3.42	1.02	7.14	6.96	6.72	6.51	6.23	5.89	5.49	5.04	4.5	3.86	3.08	2.22	1.38	0.7	0.22	6.92	6.74	6.5	6.28	6.01	5.68
1.97	3.79	4.75	3.68	3.4	1.01	7.14	6.96	6.72	6.5	6.23	5.89	5.49	5.04	4.5	3.84	3.05	2.19	1.36	0.69	0.22	6.92	6.75	6.5	6.29	6.01	5.68
2.1	3.8	4.75	3.67	3.41	1.01	7.13	6.95	6.71	6.5	6.22	5.89	5.49	5.03	4.49	3.83	3.03	2.16	1.33	0.67	0.21	6.93	6.75	6.51	6.3	6.02	5.69
2.09	3.78	4.75	3.7	3.4	1.01	7.13	6.95	6.71	6.5	6.22	5.89	5.49	5.03	4.48	3.81	3	2.13	1.31	0.66	0.21	6.94	6.76	6.52	6.3	6.03	5.7
2.11	3.78	4.75	3.69	3.42	1.01	7.13	6.94	6.71	6.49	6.22	5.88	5.49	5.02	4.47	3.79	2.98	2.1	1.28	0.64	0.2	6.95	6.77	6.53	6.31	6.03	5.71
1.76	3.77	4.76	3.66	3.44	1.01	7.12	6.94	6.7	6.49	6.21	5.88	5.48	5.02	4.46	3.77	2.95	2.07	1.26	0.62	0.19	6.96	6.78	6.53	6.32	6.04	5.71
1.84	3.8	4.75	3.65	3.41	1.01	7.12	6.94	6.7	6.48	6.21	5.88	5.48	5.01	4.45	3.76	2.93	2.04	1.23	0.61	0.19	6.97	6.78	6.54	6.33	6.05	5.72
2.14	3.81	4.77	3.66	3.37	1	7.12	6.93	6.7	6.48	6.21	5.88	5.48	5.01	4.44	3.74	2.9	2.01	1.21	0.59	0.18	6.98	6.79	6.55	6.34	6.06	5.73
2.11	3.8	4.75	3.68	3.41	1	7.12	6.93	6.7	6.48	6.21	5.87	5.48	5.01	4.44	3.73	2.88	1.99	1.18	0.58	0.18	7	6.8	6.57	6.35	6.07	5.74
1.73	3.79	4.77	3.67	3.4	1	7.12	6.93	6.7	6.48	6.2	5.87	5.47	5	4.43	3.71	2.86	1.96	1.16	0.56	0.18	7.01	6.82	6.58	6.36	6.08	5.75
2.02	3.79	4.77	3.67	3.4	1	7.12	6.93	6.7	6.48	6.2	5.87	5.47	5	4.42	3.7	2.84	1.94	1.14	0.55	0.17	7.03	6.83	6.59	6.37	6.09	5.76
1.97	3.79	4.77	3.66	3.43	1	7.12	6.92	6.69	6.48	6.2	5.87	5.47	4.99	4.41	3.68	2.82	1.91	1.11	0.53	0.17	7.04	6.84	6.6	6.38	6.1	5.77
2.01	3.79	4.75	3.66	3.4	1	7.12	6.92	6.69	6.47	6.19	5.86	5.46	4.99	4.4	3.67	2.8	1.89	1.09	0.52	0.17	7.05	6.84	6.61	6.39	6.11	5.77
2.08	3.81	4.76	3.66	3.41	1	7.11	6.91	6.69	6.47	6.19	5.86	5.46	4.98	4.39	3.65	2.78	1.87	1.08	0.51	0.16	7.05	6.85	6.62	6.4	6.11	5.78
1.44	3.8	4.78	3.68	3.43	1	7.1	6.9	6.68	6.46	6.18	5.85	5.45	4.97	4.38	3.64	2.76	1.84	1.06	0.5	0.16	7.06	6.85	6.62	6.4	6.12	5.78
1.94	3.77	4.75	3.67	3.43	1	7.09	6.89	6.67	6.45	6.17	5.84	5.44	4.96	4.37	3.62	2.74	1.82	1.04	0.49	0.16	7.06	6.86	6.63	6.4	6.12	5.79
1.8	3.78	4.74	3.66	3.4	1	7.08	6.89	6.66	6.44	6.17	5.84	5.43	4.95	4.36	3.61	2.72	1.8	1.02	0.48	0.15	7.07	6.86	6.63	6.41	6.13	5.79
2.21	3.79	4.76	3.68	3.41	1	7.07	6.88	6.65	6.44	6.16	5.83	5.43	4.94	4.34	3.59	2.7	1.78	1.01	0.47	0.15	7.07	6.87	6.63	6.41	6.13	5.79
2.14	3.79	4.74	3.68	3.41	1	7.06	6.88	6.64	6.43	6.15	5.82	5.42	4.94	4.33	3.57	2.69	1.76	0.99	0.46	0.15	7.07	6.88	6.64	6.42	6.14	

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.03	3.78	4.76	3.7	3.42	1	6.97	6.78	6.54	6.32	6.04	5.68	5.22	4.64	3.89	3.02	2.1	1.26	0.64	0.26	0.06	7.29	7.08	6.83	6.6	6.3	5.92
2.01	3.79	4.74	3.68	3.42	1	6.99	6.79	6.55	6.33	6.05	5.69	5.23	4.63	3.89	3.01	2.08	1.24	0.63	0.26	0.06	7.3	7.09	6.84	6.61	6.3	5.92
2.14	3.91	4.77	3.72	3.5	1	7	6.8	6.57	6.34	6.06	5.69	5.23	4.63	3.88	3	2.07	1.23	0.62	0.25	0.06	7.31	7.1	6.85	6.62	6.31	5.93
2.01	3.84	4.76	3.69	3.46	1	7.02	6.82	6.58	6.36	6.07	5.7	5.24	4.63	3.88	2.99	2.06	1.22	0.61	0.25	0.06	7.32	7.11	6.87	6.63	6.32	5.94
2.23	3.78	4.76	3.67	3.41	1.01	7.03	6.83	6.59	6.37	6.08	5.71	5.24	4.63	3.87	2.98	2.05	1.21	0.61	0.25	0.06	7.33	7.12	6.88	6.64	6.33	5.95
2.24	3.79	4.75	3.68	3.41	1.01	7.04	6.84	6.61	6.38	6.09	5.72	5.24	4.63	3.86	2.97	2.03	1.2	0.6	0.24	0.06	7.34	7.14	6.89	6.65	6.34	5.95
1.94	3.78	4.74	3.66	3.39	1.01	7.04	6.85	6.61	6.39	6.09	5.73	5.24	4.62	3.85	2.95	2.02	1.19	0.59	0.24	0.05	7.35	7.14	6.89	6.66	6.34	5.96
2.16	3.79	4.74	3.68	3.38	1.01	7.04	6.86	6.62	6.4	6.1	5.73	5.24	4.62	3.84	2.94	2	1.18	0.58	0.24	0.05	7.34	7.14	6.9	6.66	6.35	5.96
2.09	3.79	4.75	3.67	3.42	1.01	7.05	6.86	6.62	6.4	6.1	5.73	5.24	4.61	3.83	2.92	1.99	1.16	0.57	0.23	0.05	7.34	7.15	6.9	6.66	6.35	5.96
1.86	3.79	4.76	3.64	3.41	1	7.05	6.87	6.63	6.41	6.11	5.74	5.24	4.6	3.82	2.91	1.97	1.15	0.57	0.23	0.05	7.34	7.15	6.9	6.67	6.35	5.96
1.93	3.8	4.75	3.67	3.41	1	7.06	6.88	6.64	6.42	6.12	5.74	5.24	4.6	3.8	2.89	1.95	1.13	0.56	0.22	0.05	7.34	7.15	6.9	6.67	6.35	5.96
1.73	3.81	4.76	3.67	3.42	1	7.07	6.89	6.65	6.43	6.13	5.75	5.25	4.59	3.79	2.87	1.93	1.12	0.55	0.22	0.05	7.34	7.16	6.91	6.67	6.36	5.96
1.48	3.79	4.74	3.66	3.39	1	7.08	6.91	6.67	6.45	6.15	5.76	5.25	4.59	3.78	2.86	1.92	1.11	0.55	0.22	0.05	7.35	7.17	6.91	6.68	6.36	5.96
1.78	3.8	4.75	3.62	3.39	1	7.1	6.93	6.69	6.46	6.16	5.77	5.26	4.59	3.77	2.84	1.9	1.1	0.54	0.22	0.05	7.36	7.17	6.92	6.69	6.37	5.96
2.01	3.78	4.76	3.67	3.42	0.99	7.12	6.95	6.71	6.49	6.18	5.79	5.27	4.59	3.77	2.83	1.89	1.09	0.54	0.22	0.05	7.36	7.18	6.93	6.69	6.38	5.97
2.21	3.8	4.75	3.67	3.39	0.99	7.15	6.97	6.74	6.51	6.2	5.81	5.28	4.6	3.76	2.83	1.88	1.09	0.54	0.22	0.05	7.37	7.18	6.94	6.7	6.38	5.97
1.98	3.79	4.71	3.65	3.41	0.99	7.18	6.99	6.76	6.53	6.22	5.83	5.29	4.6	3.76	2.82	1.87	1.09	0.54	0.22	0.05	7.38	7.19	6.94	6.71	6.39	5.97
2.14	3.77	4.76	3.66	3.39	0.99	7.2	7.02	6.78	6.55	6.24	5.84	5.3	4.61	3.76	2.81	1.87	1.08	0.54	0.22	0.05	7.38	7.18	6.94	6.7	6.38	5.97
2.17	3.77	4.75	3.68	3.39	0.99	7.23	7.04	6.81	6.57	6.26	5.86	5.32	4.62	3.76	2.81	1.86	1.08	0.54	0.22	0.05	7.38	7.18	6.94	6.7	6.38	5.96
1.97	3.78	4.74	3.66	3.4	0.98	7.25	7.06	6.83	6.6	6.29	5.88	5.33	4.62	3.77	2.81	1.86	1.08	0.54	0.22	0.06	7.38	7.18	6.94	6.7	6.38	5.96
2.01	3.77	4.75	3.66	3.39	0.98	7.28	7.09	6.86	6.62	6.31	5.9	5.34	4.63	3.77	2.81	1.86	1.08	0.54	0.22	0.06	7.38	7.18	6.94	6.7	6.38	5.95
2.21	3.78	4.77	3.68	3.4	0.98	7.32	7.13	6.89	6.65	6.33	5.92	5.36	4.64	3.77	2.81	1.86	1.08	0.54	0.22	0.06	7.38	7.19	6.94	6.7	6.37	5.95
1.98	3.77	4.75	3.65	3.41	0.98	7.35	7.16	6.92	6.68	6.36	5.94	5.37	4.65	3.78	2.81	1.86	1.08	0.54	0.23	0.07	7.39	7.19	6.94	6.7	6.37	5.95
1.83	3.8	4.76	3.69	3.41	0.98	7.39	7.2	6.95	6.71	6.39	5.96	5.39	4.66	3.78	2.81	1.86	1.08	0.55	0.23	0.07	7.39	7.2	6.95	6.7	6.38	5.94
1.77	3.8	4.76	3.66	3.39	0.98	7.42	7.24	6.98	6.74	6.42	5.99	5.41	4.67	3.79	2.81	1.86	1.08	0.55	0.23	0.07	7.4	7.21	6.95	6.71	6.38	5.94
0.68	3.8	4.75	3.67	3.4	0.99	7.45	7.27	7.01	6.78	6.45	6.01	5.42	4.68	3.79	2.81	1.87	1.09	0.55	0.24	0.07	7.4	7.21	6.95	6.71	6.38	5.94
1.48	3.78	4.75	3.69	3.39	0.99	7.48	7.3	7.04	6.8	6.47	6.03	5.44	4.68	3.79	2.81	1.87	1.09	0.56	0.24	0.08	7.4	7.21	6.95	6.71	6.38	5.94
1.81	3.78	4.75	3.64	3.42	0.99	7.51	7.33	7.07	6.83	6.5	6.05	5.45	4.69	3.79	2.81	1.87	1.09	0.56	0.24	0.08	7.4	7.21	6.95	6.71	6.38	5.93
1.67	3.78	4.75	3.65	3.42	0.99	7.53	7.36	7.1	6.86	6.52	6.08	5.47	4.69	3.79	2.81	1.87	1.09	0.56	0.24	0.08	7.39	7.21	6.95	6.71	6.37	5.93
1.37	3.77	4.73	3.66	3.39	0.99	7.56	7.39	7.12	6.88	6.55	6.1	5.48	4.7	3.78	2.8	1.87	1.1	0.56	0.24	0.08	7.39	7.21	6.95	6.71	6.37	5.93
1.77	3.78	4.76	3.62	3.38	0.99	7.57	7.41	7.15	6.91	6.57	6.12	5.5	4.71	3.78	2.8	1.86	1.1	0.56	0.24	0.08	7.38	7.21	6.95	6.71	6.38	5.93
1.98	3.78	4.75	3.68	3.45	0.99	7.59	7.43	7.17	6.93	6.59	6.14	5.51	4.71	3.78	2.8	1.86	1.1	0.56	0.24	0.08	7.37	7.21	6.95	6.71	6.38	5.93
2.05	3.79	4.76	3.67	3.45	0.99	7.6	7.45	7.19	6.94	6.61	6.15	5.53	4.72	3.78	2.79	1.86	1.09	0.56	0.24	0.08	7.37	7.21	6.95	6.71	6.38	5.93
2.32	3.81	4.77	3.65	3.45	0.99	7.61	7.46	7.2	6.96	6.63	6.17	5.54	4.73	3.78	2.79	1.85	1.09	0.56	0.24	0.07	7.36	7.2	6.95	6.71	6.38	5.93
2.23	3.78	4.75	3.65	3.39	0.99	7.62	7.47	7.21	6.97	6.64	6.19	5.55	4.73	3.78	2.79	1.85	1.09	0.56	0.24	0.07	7.34	7.19	6.94	6.7	6.37	5.92
2.16	3.81	4.72	3.66	3.41	0.98	7.62	7.48	7.22	6.98	6.65	6.2	5.56	4.74	3.79	2.79	1.85	1.09	0.56	0.24	0.07	7.32	7.18	6.92	6.68	6.36	5.91
2.03	3.79	4.73	3.65	3.4	0.98	7.63	7.49	7.23	6.99	6.66	6.21	5.57	4.75	3.79	2.79	1.85	1.08	0.55	0.23	0.07	7.3	7.16	6.9	6.67	6.34	5.89
1.95	3.78	4.73	3.69	3.44	0.97	7.63	7.5	7.24	7	6.67	6.21	5.58	4.75	3.79	2.79	1.84	1.08	0.55	0.23	0.07	7.27	7.13	6.87	6.64	6.32	5.87
1.15	3.78	4.76	3.64	3.41	0.97	7.64	7.51	7.24	7.01	6.68	6.22	5.58	4.76	3.8	2.78	1.84	1.08	0.55	0.23	0.07	7.24	7.11	6.85	6.62	6.3	5.85
1.49	3.78	4.77	3.67	3.38	0.96	7.65	7.52	7.26	7.03	6.69	6.23	5.59	4.77	3.8	2.78	1.83	1.07	0.54	0.23	0.07	7.22	7.09	6.83	6.6	6.27	5.83
1.83	3.79	4.76	3.67	3.42	0.96	7.67	7.54	7.27	7.04	6.71	6.25	5.6	4.78	3.81	2.79	1.83	1.06	0.54	0.22	0.06	7.2	7.07	6.8	6.58	6.25	5.81
1.96	3.8	4.74	3.66	3.39	0.96	7.7	7.56	7.3	7.07	6.73	6.27	5.62	4.79	3.82	2.79	1.83	1.06	0.53	0.22	0.06	7.18	7.05	6.79	6.56	6.24	5.79
1.92	3.8	4.75	3.66	3.42	0.95	7.74	7.6	7.33	7.1	6.76	6.29	5.64	4.81	3.83	2.79	1.82	1.05	0.53	0.22	0.06	7.18	7.04	6.78	6.55	6.22	5.78
1.96	3.79	4.74	3.66	3.45	0.95	7.78	7.63	7.37	7.13	6.79	6.32	5.66	4.83	3.85	2.8	1.82	1.04	0.52	0.21	0.05	7.17	7.03	6.77	6.54	6.22	5.77
2.04	3.78	4.76	3.65	3.41	0.95	7.82	7.67	7.41	7.17	6.82	6.35	5.69	4.85	3.86	2.8	1.81	1.03	0.51	0.2	0.05	7.17	7.03	6.76	6.54	6.21	5.76
1.91	3.78	4.77	3.66	3.41	0.96	7.87	7.72	7.45	7.21	6.86	6.38	5.72	4.88	3.88	2.81	1.81	1.03	0.5	0.2	0.04	7.17	7.02	6.76	6.53	6.2	5.76
1.82	3.78	4.75	3.62	3.4	0.96	7.92	7.76	7.49	7.25	6.9	6.42	5.75	4.9	3.9	2.82	1.81	1.02	0.49	0.19	0.04	7.17	7.02	6.76	6.53	6.2	5.75
2.05	3.79	4.77	3.66	3.42	0.96	7.96	7.8	7.53	7.29	6.93	6.45	5.78	4.93	3.92	2.83	1.81	1.01	0.48	0.18	0.03	7.17	7.01	6.75	6.52	6.19	5.75
2.27	3.77	4.74	3.65	3.4	0.96	8	7.84	7.57	7.32	6.96	6.48	5.81	4.96	3.95	2.85	1.81	1	0.47	0.18	0.03	7.16	7.01	6.75	6.52	6.18	5.74
2.23	3.81	4.73	3.66	3.4	0.97	8.04	7.87	7.6	7.35	6.99	6.51	5.84	4.99	3.97	2.86	1.82	1									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.83	3.79	4.76	3.64	3.42	1	8.06	7.81	7.54	7.25	6.85	6.3	5.54	4.58	3.49	2.39	1.44	0.75	0.33	0.12	0.02	6.97	6.73	6.48	6.22	5.86	5.37
1.89	3.8	4.76	3.66	3.44	1.01	8.04	7.79	7.52	7.23	6.83	6.28	5.51	4.56	3.47	2.37	1.43	0.74	0.33	0.12	0.02	6.96	6.72	6.47	6.21	5.85	5.36
1.74	3.8	4.73	3.63	3.44	1.01	8.03	7.77	7.5	7.21	6.81	6.25	5.49	4.53	3.45	2.36	1.42	0.74	0.33	0.11	0.02	6.95	6.71	6.46	6.2	5.83	5.34
1.78	3.8	4.76	3.65	3.41	1.01	8	7.75	7.47	7.19	6.78	6.23	5.46	4.51	3.43	2.34	1.41	0.73	0.33	0.11	0.02	6.94	6.7	6.45	6.19	5.82	5.33
1.63	3.82	4.73	3.64	3.4	1.01	7.98	7.72	7.45	7.16	6.76	6.2	5.44	4.48	3.4	2.32	1.39	0.72	0.32	0.11	0.02	6.93	6.69	6.44	6.17	5.81	5.32
2.03	3.8	4.76	3.68	3.45	1.02	7.95	7.69	7.41	7.13	6.73	6.17	5.41	4.45	3.38	2.3	1.38	0.72	0.32	0.11	0.02	6.92	6.68	6.42	6.16	5.8	5.3
2.13	3.82	4.77	3.66	3.43	1.02	7.91	7.65	7.38	7.09	6.69	6.14	5.37	4.42	3.35	2.28	1.37	0.71	0.32	0.11	0.02	6.9	6.66	6.4	6.14	5.78	5.29
2.09	3.79	4.77	3.67	3.45	1.02	7.87	7.61	7.33	7.05	6.65	6.1	5.33	4.38	3.32	2.26	1.36	0.71	0.31	0.11	0.02	6.89	6.64	6.38	6.12	5.76	5.27
1.94	3.8	4.74	3.68	3.45	1.02	7.82	7.56	7.28	7	6.6	6.05	5.29	4.34	3.28	2.24	1.35	0.7	0.31	0.11	0.02	6.87	6.61	6.35	6.1	5.74	5.24
1.64	3.81	4.76	3.67	3.43	1.02	7.78	7.51	7.23	6.95	6.56	6.01	5.24	4.29	3.25	2.22	1.33	0.7	0.31	0.11	0.02	6.85	6.59	6.33	6.08	5.72	5.22
1.61	3.79	4.77	3.66	3.43	1.02	7.73	7.46	7.18	6.91	6.52	5.96	5.2	4.25	3.21	2.19	1.32	0.69	0.3	0.11	0.02	6.82	6.57	6.3	6.05	5.69	5.2
1.93	3.77	4.74	3.68	3.44	1.01	7.69	7.42	7.14	6.87	6.48	5.92	5.15	4.2	3.17	2.17	1.31	0.68	0.3	0.1	0.02	6.81	6.55	6.28	6.03	5.67	5.17
2.24	3.8	4.73	3.65	3.41	1.01	7.66	7.38	7.1	6.83	6.44	5.88	5.11	4.16	3.13	2.14	1.29	0.68	0.3	0.1	0.02	6.79	6.53	6.26	6.01	5.65	5.15
2.12	3.8	4.73	3.67	3.4	1.01	7.63	7.35	7.06	6.8	6.41	5.85	5.07	4.11	3.09	2.11	1.27	0.67	0.29	0.1	0.02	6.78	6.51	6.24	6	5.64	5.13
2.03	3.8	4.73	3.67	3.42	1	7.6	7.32	7.03	6.77	6.37	5.81	5.03	4.07	3.05	2.08	1.25	0.66	0.29	0.1	0.02	6.76	6.49	6.22	5.98	5.61	5.11
1.72	3.8	4.73	3.63	3.42	1	7.57	7.28	7	6.74	6.34	5.78	4.99	4.03	3.01	2.05	1.23	0.65	0.28	0.1	0.02	6.74	6.47	6.2	5.96	5.59	5.08
2.03	3.81	4.76	3.67	3.39	1	7.54	7.25	6.97	6.7	6.31	5.74	4.95	3.99	2.97	2.01	1.21	0.63	0.28	0.1	0.02	6.72	6.44	6.18	5.93	5.57	5.06
1.95	3.79	4.75	3.68	3.37	0.99	7.51	7.21	6.94	6.67	6.27	5.7	4.91	3.95	2.93	1.98	1.19	0.62	0.27	0.09	0.02	6.7	6.41	6.16	5.91	5.54	5.03
1.9	3.79	4.75	3.64	3.39	0.99	7.48	7.18	6.91	6.63	6.23	5.66	4.87	3.9	2.89	1.95	1.17	0.61	0.27	0.09	0.02	6.67	6.39	6.13	5.88	5.51	4.99
2.1	3.8	4.72	3.67	3.41	0.99	7.45	7.14	6.88	6.6	6.2	5.62	4.82	3.86	2.86	1.92	1.15	0.6	0.26	0.09	0.02	6.65	6.36	6.11	5.85	5.48	4.96
2	3.77	4.76	3.67	3.41	0.99	7.42	7.12	6.85	6.57	6.16	5.58	4.78	3.82	2.82	1.89	1.13	0.59	0.26	0.09	0.02	6.63	6.34	6.09	5.83	5.46	4.93
1.7	3.79	4.72	3.62	3.42	0.99	7.4	7.1	6.83	6.54	6.13	5.54	4.74	3.78	2.78	1.86	1.11	0.58	0.25	0.09	0.01	6.62	6.33	6.08	5.82	5.44	4.91
1.91	3.8	4.72	3.69	3.41	1	7.39	7.08	6.81	6.52	6.1	5.51	4.7	3.75	2.75	1.83	1.09	0.57	0.24	0.08	0.01	6.62	6.33	6.08	5.81	5.42	4.89
1.87	3.8	4.75	3.67	3.43	1	7.38	7.08	6.8	6.51	6.08	5.48	4.67	3.71	2.72	1.81	1.07	0.55	0.24	0.08	0.01	6.63	6.34	6.08	5.8	5.41	4.87
1.77	3.81	4.75	3.65	3.43	1	7.38	7.07	6.79	6.49	6.06	5.45	4.64	3.68	2.69	1.79	1.05	0.54	0.23	0.08	0.01	6.64	6.34	6.08	5.8	5.41	4.86
1.52	3.81	4.76	3.66	3.41	1	7.37	7.05	6.78	6.47	6.04	5.42	4.61	3.65	2.67	1.77	1.04	0.53	0.23	0.07	0.01	6.65	6.35	6.09	5.8	5.4	4.85
1.65	3.8	4.76	3.64	3.43	1	7.35	7.03	6.76	6.45	6.01	5.4	4.58	3.63	2.65	1.75	1.02	0.52	0.22	0.07	0.01	6.65	6.35	6.09	5.8	5.4	4.84
1.71	3.8	4.76	3.67	3.45	1	7.32	7	6.73	6.42	5.98	5.37	4.55	3.61	2.63	1.74	1.01	0.51	0.22	0.07	0.01	6.65	6.35	6.09	5.8	5.39	4.83
1.98	3.79	4.75	3.65	3.43	1.01	7.29	6.97	6.69	6.39	5.95	5.34	4.54	3.59	2.62	1.73	1	0.51	0.21	0.07	0.01	6.65	6.34	6.08	5.79	5.39	4.83
2.1	3.77	4.75	3.66	3.39	1.01	7.25	6.93	6.65	6.35	5.92	5.32	4.52	3.58	2.61	1.72	0.99	0.5	0.21	0.07	0.01	6.64	6.33	6.07	5.79	5.38	4.83
2.07	3.78	4.74	3.68	3.42	1.01	7.21	6.89	6.62	6.32	5.9	5.3	4.51	3.58	2.61	1.71	0.99	0.49	0.2	0.07	0.01	6.64	6.33	6.06	5.78	5.39	4.84
2.01	3.78	4.75	3.65	3.42	1.01	7.18	6.86	6.58	6.29	5.87	5.29	4.51	3.58	2.61	1.71	0.98	0.49	0.2	0.06	0.01	6.64	6.33	6.06	5.79	5.39	4.85
2.04	3.76	4.76	3.67	3.42	1.01	7.15	6.83	6.55	6.27	5.86	5.28	4.51	3.59	2.62	1.71	0.97	0.48	0.2	0.06	0.01	6.64	6.34	6.07	5.8	5.41	4.87
2.26	3.79	4.75	3.66	3.43	1.01	7.12	6.8	6.53	6.24	5.84	5.28	4.51	3.59	2.62	1.71	0.97	0.47	0.2	0.06	0.01	6.65	6.35	6.08	5.81	5.42	4.89
1.78	3.79	4.74	3.66	3.41	1.01	7.09	6.78	6.51	6.23	5.83	5.28	4.52	3.6	2.63	1.71	0.96	0.47	0.19	0.06	0.01	6.67	6.36	6.09	5.82	5.44	4.92
1.97	3.81	4.75	3.67	3.4	1.01	7.07	6.76	6.49	6.21	5.82	5.27	4.52	3.61	2.63	1.7	0.96	0.46	0.19	0.07	0.01	6.68	6.37	6.11	5.84	5.46	4.94
1.91	3.81	4.74	3.66	3.44	1.02	7.05	6.74	6.46	6.19	5.8	5.27	4.52	3.61	2.63	1.7	0.95	0.46	0.19	0.07	0.01	6.7	6.38	6.12	5.85	5.48	4.96
1.66	3.82	4.76	3.66	3.43	1.02	7.03	6.71	6.43	6.16	5.78	5.25	4.52	3.61	2.63	1.7	0.95	0.45	0.19	0.06	0.01	6.71	6.39	6.12	5.86	5.49	4.98
1.21	3.87	4.77	3.74	3.55	1.02	7	6.68	6.4	6.13	5.76	5.24	4.51	3.61	2.63	1.7	0.94	0.44	0.18	0.06	0.01	6.71	6.39	6.12	5.86	5.49	4.98
1.7	3.91	4.76	3.81	3.62	1.02	6.97	6.65	6.38	6.11	5.73	5.22	4.49	3.6	2.62	1.69	0.93	0.44	0.18	0.06	0.01	6.72	6.39	6.12	5.86	5.49	4.99
2.02	3.78	4.75	3.63	3.39	1.02	6.95	6.62	6.35	6.08	5.71	5.2	4.48	3.59	2.61	1.68	0.92	0.43	0.17	0.05	0.008	6.72	6.39	6.12	5.86	5.49	4.99
1.97	3.78	4.75	3.7	3.41	1.02	6.93	6.6	6.33	6.06	5.69	5.18	4.46	3.57	2.6	1.67	0.91	0.42	0.16	0.05	0.006	6.73	6.4	6.13	5.86	5.5	5
2.13	3.77	4.75	3.71	3.45	1.02	6.92	6.59	6.31	6.05	5.68	5.17	4.45	3.56	2.59	1.66	0.9	0.41	0.16	0.04	0.004	6.74	6.41	6.13	5.87	5.5	5
1.8	3.8	4.77	3.67	3.42	1.02	6.91	6.58	6.31	6.04	5.67	5.16	4.44	3.55	2.58	1.65	0.9	0.41	0.15	0.04	0.003	6.76	6.42	6.15	5.88	5.52	5.01
2.03	3.79	4.75	3.69	3.41	1.03	6.91	6.58	6.3	6.04	5.67	5.15	4.43	3.54	2.58	1.64	0.89	0.4	0.15	0.04	0.004	6.77	6.44	6.16	5.89	5.53	5.02
1.98	3.79	4.73	3.66	3.42	1.03	6.9	6.58	6.3	6.03	5.66	5.14	4.43	3.54	2.57	1.64	0.88	0.4	0.15	0.04	0.006	6.78	6.45	6.18	5.91	5.54	5.02
1.96	3.8	4.75	3.64	3.42	1.03	6.9	6.58	6.3	6.03	5.66	5.14	4.42	3.53	2.56	1.63	0.88	0.4	0.15	0.04	0.008	6.79	6.46	6.18	5.91	5.54	5.03
2.01	3.81	4.73	3.68	3.45	1.03	6.89	6.57	6.29	6.02	5.65	5.13	4.41	3.51	2.55	1.62	0.88	0.4	0.16	0.05	0.01	6.79	6.46	6.19	5.92	5.54	5.03
1.84	3.81	4.73	3.67	3.42	1.03	6.87	6.55	6.28	6.01	5.64	5.12	4.39	3.5	2.53	1.61	0.88	0.4	0.16	0.05	0.01	6.78	6.46	6.19	5.91	5.54	5.02
1.96	3.8	4.73	3.67	3.41	1.03	6.86	6.54	6.27	5.99	5.62	5.1	4.38	3.48	2.52	1.6	0.87	0.4	0.16	0.05							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.08	3.78	4.75	3.67	3.39	1.01	6.85	6.44	6.12	5.77	5.29	4.62	3.76	2.79	1.87	1.1	0.56	0.25	0.09	0.03	0.01	6.99	6.56	6.23	5.87	5.37	4.69
1.46	3.79	4.72	3.67	3.4	1.01	6.87	6.47	6.14	5.79	5.3	4.64	3.77	2.8	1.87	1.1	0.56	0.24	0.09	0.03	0.01	7.02	6.59	6.25	5.89	5.39	4.71
1.78	3.79	4.74	3.69	3.42	1.01	6.9	6.5	6.16	5.82	5.33	4.66	3.78	2.81	1.87	1.1	0.55	0.24	0.09	0.03	0.01	7.05	6.63	6.28	5.92	5.41	4.73
1.9	3.79	4.74	3.7	3.42	1.02	6.93	6.53	6.19	5.84	5.35	4.68	3.8	2.82	1.88	1.09	0.55	0.23	0.08	0.03	0.01	7.09	6.66	6.32	5.96	5.44	4.76
2.18	3.81	4.74	3.68	3.42	1.02	6.96	6.55	6.22	5.87	5.38	4.7	3.82	2.83	1.88	1.09	0.54	0.23	0.08	0.03	0.01	7.11	6.7	6.35	5.99	5.47	4.78
2.17	3.82	4.78	3.67	3.43	1.02	6.97	6.57	6.23	5.89	5.4	4.72	3.83	2.84	1.88	1.08	0.54	0.22	0.08	0.03	0.01	7.14	6.72	6.37	6.01	5.5	4.81
1.99	3.81	4.75	3.65	3.42	1.03	6.98	6.58	6.24	5.9	5.41	4.74	3.85	2.85	1.88	1.08	0.53	0.22	0.08	0.03	0.01	7.15	6.73	6.38	6.03	5.52	4.83
1.97	3.81	4.74	3.66	3.39	1.03	6.98	6.57	6.24	5.9	5.42	4.75	3.86	2.86	1.89	1.08	0.53	0.22	0.08	0.03	0.01	7.15	6.73	6.39	6.03	5.53	4.84
2.07	3.83	4.73	3.68	3.4	1.03	6.98	6.57	6.24	5.9	5.42	4.76	3.88	2.87	1.89	1.08	0.53	0.22	0.08	0.03	0.01	7.15	6.73	6.38	6.04	5.54	4.85
1.83	3.83	4.72	3.67	3.41	1.03	6.97	6.56	6.23	5.9	5.43	4.77	3.89	2.88	1.9	1.08	0.53	0.22	0.08	0.02	0.01	7.15	6.72	6.38	6.04	5.54	4.86
2.22	3.82	4.72	3.67	3.41	1.03	6.98	6.56	6.23	5.9	5.43	4.78	3.9	2.89	1.9	1.08	0.52	0.22	0.08	0.02	0.01	7.16	6.72	6.39	6.04	5.55	4.88
2.25	3.82	4.76	3.66	3.39	1.04	6.99	6.56	6.24	5.91	5.44	4.79	3.91	2.9	1.91	1.08	0.52	0.21	0.08	0.02	0.01	7.17	6.73	6.4	6.05	5.56	4.89
1.82	3.81	4.77	3.67	3.42	1.04	7	6.57	6.25	5.92	5.45	4.8	3.92	2.91	1.91	1.08	0.52	0.21	0.08	0.02	0.01	7.2	6.75	6.41	6.06	5.58	4.91
1.82	3.81	4.75	3.64	3.43	1.04	7.02	6.59	6.26	5.93	5.46	4.81	3.93	2.92	1.91	1.08	0.52	0.21	0.07	0.02	0.01	7.22	6.77	6.43	6.08	5.6	4.92
1.94	3.81	4.75	3.67	3.44	1.04	7.04	6.61	6.28	5.94	5.47	4.82	3.94	2.92	1.92	1.08	0.51	0.21	0.07	0.02	0.01	7.25	6.8	6.45	6.1	5.61	4.94
1.98	3.82	4.75	3.67	3.45	1.04	7.06	6.63	6.29	5.95	5.48	4.83	3.95	2.93	1.92	1.07	0.51	0.2	0.07	0.02	0.01	7.27	6.82	6.47	6.12	5.63	4.95
1.85	3.83	4.76	3.66	3.44	1.04	7.07	6.64	6.3	5.96	5.49	4.83	3.95	2.93	1.92	1.07	0.51	0.2	0.07	0.02	0.01	7.29	6.84	6.49	6.13	5.64	4.96
1.12	3.81	4.76	3.7	3.44	1.04	7.07	6.64	6.31	5.97	5.49	4.84	3.95	2.93	1.92	1.07	0.51	0.2	0.06	0.02	0.01	7.29	6.84	6.5	6.14	5.64	4.96
1.71	3.82	4.77	3.71	3.45	1.04	7.07	6.64	6.31	5.97	5.49	4.83	3.95	2.92	1.92	1.07	0.5	0.2	0.06	0.02	0.01	7.29	6.84	6.5	6.14	5.64	4.96
1.7	3.8	4.76	3.69	3.43	1.03	7.07	6.63	6.31	5.96	5.49	4.83	3.94	2.92	1.91	1.07	0.5	0.2	0.06	0.01	0.01	7.29	6.84	6.49	6.13	5.64	4.95
2.11	3.81	4.74	3.67	3.45	1.03	7.06	6.63	6.3	5.96	5.48	4.82	3.93	2.91	1.91	1.07	0.5	0.19	0.06	0.01	0.008	7.29	6.83	6.49	6.13	5.63	4.94
1.71	3.83	4.75	3.75	3.6	1.03	7.06	6.63	6.3	5.96	5.48	4.81	3.93	2.9	1.91	1.07	0.5	0.19	0.05	0.01	0.007	7.28	6.83	6.49	6.13	5.63	4.94
1.85	3.79	4.75	3.68	3.48	1.03	7.06	6.64	6.31	5.96	5.48	4.81	3.92	2.9	1.9	1.07	0.5	0.19	0.05	0.01	0.006	7.28	6.84	6.49	6.13	5.62	4.93
1.94	3.79	4.73	3.69	3.41	1.03	7.07	6.65	6.32	5.97	5.48	4.8	3.91	2.89	1.89	1.06	0.49	0.18	0.05	0.01	0.004	7.29	6.86	6.5	6.14	5.62	4.92
1.27	3.79	4.72	3.67	3.4	1.02	7.08	6.67	6.33	5.98	5.48	4.8	3.9	2.88	1.88	1.06	0.49	0.18	0.04	0.009	0.002	7.31	6.88	6.51	6.15	5.63	4.92
2.2	3.81	4.74	3.68	3.42	1.02	7.1	6.7	6.35	5.99	5.49	4.8	3.89	2.87	1.88	1.06	0.49	0.18	0.04	0.008	0.001	7.32	6.9	6.53	6.16	5.63	4.91
1.74	3.82	4.76	3.72	3.49	1.02	7.11	6.72	6.36	6	5.49	4.79	3.88	2.86	1.87	1.06	0.49	0.17	0.04	0.008	0.001	7.33	6.92	6.54	6.17	5.63	4.91
2.47	3.81	4.77	3.69	3.47	1.02	7.12	6.73	6.37	6.01	5.49	4.79	3.87	2.85	1.87	1.06	0.49	0.17	0.04	0.008	0.001	7.34	6.93	6.55	6.17	5.63	4.9
2.43	3.83	4.77	3.69	3.53	1.02	7.12	6.74	6.38	6.01	5.49	4.78	3.87	2.85	1.87	1.06	0.49	0.18	0.04	0.008	0.002	7.34	6.94	6.56	6.17	5.63	4.89
2.22	3.81	4.76	3.67	3.44	1.02	7.13	6.74	6.38	6.01	5.49	4.78	3.86	2.84	1.86	1.06	0.49	0.18	0.04	0.008	0.002	7.33	6.93	6.55	6.17	5.62	4.88
2.28	3.82	4.76	3.66	3.43	1.02	7.13	6.74	6.38	6.01	5.49	4.77	3.85	2.84	1.86	1.06	0.49	0.18	0.04	0.008	0.002	7.33	6.93	6.55	6.16	5.62	4.88
2.24	3.78	4.75	3.64	3.44	1.01	7.13	6.74	6.38	6.01	5.49	4.78	3.85	2.83	1.86	1.06	0.49	0.18	0.04	0.009	0.002	7.32	6.92	6.54	6.16	5.61	4.87
2.2	3.79	4.75	3.64	3.44	1.01	7.13	6.75	6.39	6.02	5.5	4.78	3.86	2.84	1.86	1.06	0.49	0.17	0.04	0.009	0.002	7.31	6.91	6.54	6.15	5.61	4.87
2.02	3.81	4.76	3.67	3.42	1.01	7.14	6.76	6.4	6.04	5.51	4.8	3.87	2.84	1.86	1.06	0.49	0.17	0.04	0.008	0.002	7.31	6.91	6.54	6.16	5.62	4.88
1.95	3.81	4.75	3.65	3.4	1.01	7.15	6.77	6.42	6.06	5.54	4.82	3.89	2.85	1.87	1.06	0.49	0.17	0.04	0.008	0.002	7.31	6.92	6.55	6.17	5.63	4.9
2.05	3.8	4.74	3.64	3.43	1.01	7.17	6.79	6.45	6.09	5.57	4.85	3.91	2.87	1.87	1.05	0.48	0.17	0.04	0.007	0.002	7.32	6.93	6.57	6.19	5.65	4.92
2.09	3.81	4.75	3.66	3.42	1	7.19	6.82	6.48	6.12	5.6	4.88	3.94	2.88	1.88	1.05	0.48	0.16	0.04	0.006	0.002	7.33	6.94	6.58	6.21	5.67	4.94
1.79	3.78	4.76	3.67	3.42	1	7.21	6.84	6.51	6.15	5.63	4.92	3.97	2.9	1.88	1.04	0.47	0.16	0.04	0.005	0.002	7.33	6.95	6.6	6.23	5.69	4.96
2.04	3.82	4.75	3.63	3.43	1	7.23	6.86	6.53	6.18	5.67	4.95	3.99	2.91	1.88	1.04	0.46	0.16	0.04	0.004	0.002	7.34	6.95	6.61	6.24	5.72	4.98
1.84	3.81	4.75	3.67	3.44	1	7.26	6.89	6.56	6.21	5.7	4.98	4.01	2.92	1.88	1.03	0.46	0.15	0.03	0.003	0.002	7.34	6.96	6.63	6.26	5.73	5
1.69	3.81	4.74	3.65	3.43	1	7.28	6.92	6.59	6.23	5.72	5	4.03	2.93	1.88	1.02	0.45	0.15	0.03	0.003	0.002	7.35	6.97	6.64	6.27	5.75	5.01
1.53	3.78	4.77	3.66	3.42	1	7.31	6.95	6.62	6.26	5.75	5.02	4.04	2.93	1.87	1.01	0.44	0.15	0.03	0.003	0.001	7.36	6.99	6.65	6.29	5.76	5.02
1.86	3.8	4.75	3.64	3.4	1	7.34	6.98	6.66	6.29	5.78	5.04	4.05	2.92	1.86	1	0.43	0.14	0.03	0.003	0	7.38	7.01	6.67	6.3	5.77	5.02
1.84	3.79	4.74	3.67	3.42	1	7.38	7.03	6.69	6.32	5.8	5.05	4.04	2.91	1.84	0.98	0.42	0.14	0.03	0.004	0	7.4	7.04	6.69	6.32	5.78	5.02
1.67	3.81	4.76	3.67	3.41	1	7.42	7.07	6.73	6.36	5.82	5.05	4.03	2.89	1.82	0.96	0.41	0.13	0.03	0.005	-0.001	7.43	7.07	6.72	6.33	5.79	5.01
1.93	3.81	4.76	3.67	3.41	1	7.46	7.11	6.77	6.38	5.83	5.05	4.02	2.86	1.79	0.94	0.4	0.13	0.03	0.005	-0.002	7.45	7.09	6.74	6.35	5.78	5
1.52	3.79	4.74	3.66	3.41	1	7.49	7.15	6.8	6.4	5.84	5.04	3.99	2.83	1.76	0.92	0.39	0.12	0.03	0.005	-0.002	7.47	7.12	6.75	6.35	5.78	4.98
1.67	3.81	4.73	3.67	3.44	1	7.51	7.17	6.82	6.42	5.84	5.03	3.96	2.79	1.72	0.89	0.38	0.12	0.03	0.005	-0.002	7.48	7.13	6.76	6.35	5.77	4.95
2.11	3.81	4.74	3.7	3.45	1	7.53	7.19	6.83	6.42	5.83	5	3.93	2.75	1.68	0.87	0.36	0.12	0.02	0.005	-0.002	7.48	7.13	6.76	6.34	5.75	4.92
2.06	3.81	4.75	3.7	3.44	1	7.54	7.2	6.83	6.42	5.81	4.97															

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.12	3.81	4.76	3.67	3.43	1.02	7.84	7.22	6.57	5.76	4.68	3.42	2.18	1.23	0.63	0.3	0.14	0.06	0.02	0.01	0.004	7.87	7.22	6.55	5.73	4.63	3.38
1.82	3.82	4.74	3.68	3.41	1.02	7.85	7.21	6.54	5.72	4.63	3.38	2.15	1.2	0.61	0.29	0.14	0.06	0.02	0.01	0.004	7.89	7.21	6.52	5.69	4.58	3.34
2.14	3.82	4.76	3.69	3.43	1.02	7.87	7.2	6.52	5.7	4.6	3.35	2.12	1.18	0.6	0.29	0.14	0.06	0.02	0.01	0.005	7.92	7.22	6.51	5.67	4.56	3.31
2.06	3.79	4.74	3.69	3.44	1.02	7.89	7.22	6.53	5.7	4.6	3.34	2.11	1.17	0.59	0.28	0.14	0.06	0.03	0.01	0.005	7.96	7.24	6.53	5.68	4.57	3.31
1.76	3.81	4.73	3.66	3.42	1.02	7.92	7.24	6.55	5.72	4.62	3.35	2.11	1.16	0.58	0.28	0.13	0.06	0.03	0.01	0.005	7.99	7.27	6.56	5.71	4.59	3.33
2.13	3.78	4.72	3.66	3.41	1.02	7.94	7.27	6.59	5.77	4.66	3.38	2.12	1.15	0.57	0.27	0.13	0.06	0.02	0.01	0.005	8.02	7.31	6.61	5.77	4.64	3.36
1.98	3.8	4.76	3.68	3.42	1.02	7.96	7.31	6.65	5.83	4.73	3.43	2.14	1.15	0.55	0.26	0.12	0.05	0.02	0.01	0.005	8.05	7.36	6.67	5.83	4.71	3.41
1.51	3.82	4.76	3.67	3.44	1.03	7.98	7.35	6.71	5.9	4.8	3.49	2.16	1.15	0.54	0.25	0.11	0.05	0.02	0.01	0.005	8.07	7.41	6.74	5.91	4.79	3.47
1.68	3.8	4.73	3.7	3.44	1.03	8	7.4	6.77	5.98	4.87	3.55	2.19	1.15	0.53	0.23	0.1	0.04	0.01	0.01	0.005	8.1	7.46	6.81	5.99	4.87	3.53
1.91	3.82	4.74	3.7	3.44	1.03	8.01	7.44	6.83	6.05	4.94	3.61	2.23	1.16	0.52	0.22	0.09	0.04	0.01	0.009	0.006	8.13	7.51	6.87	6.07	4.94	3.59
1.88	3.82	4.76	3.71	3.42	1.03	8.03	7.47	6.87	6.1	5	3.65	2.25	1.16	0.52	0.21	0.08	0.03	0.01	0.006	0.004	8.14	7.55	6.92	6.12	5	3.64
1.91	3.83	4.75	3.68	3.38	1.03	8.03	7.49	6.9	6.13	5.04	3.69	2.28	1.17	0.51	0.2	0.07	0.03	0.008	0.003	0.003	8.16	7.57	6.95	6.16	5.05	3.68
2.04	3.82	4.78	3.68	3.43	1.03	8.03	7.49	6.9	6.15	5.07	3.72	2.3	1.17	0.5	0.19	0.06	0.02	0.005	0	0.002	8.16	7.58	6.97	6.18	5.07	3.71
1.85	3.82	4.75	3.69	3.44	1.03	8.03	7.48	6.9	6.15	5.07	3.73	2.31	1.17	0.5	0.18	0.06	0.02		0.001	0.001	8.16	7.58	6.96	6.19	5.08	3.72
1.9	3.84	4.75	3.69	3.42	1.03	8.01	7.46	6.87	6.13	5.06	3.73	2.31	1.17	0.49	0.17	0.05	0.01		0.003	0	8.15	7.56	6.94	6.17	5.07	3.72
1.8	3.83	4.75	3.69	3.42	1.03	7.99	7.43	6.84	6.09	5.03	3.71	2.31	1.17	0.48	0.17	0.05			0.003	0.002	8.13	7.53	6.91	6.13	5.05	3.71
1.58	3.83	4.76	3.67	3.43	1.03	7.95	7.38	6.79	6.05	5	3.69	2.29	1.16	0.47	0.16	0.05			0.003	0.003	8.1	7.48	6.86	6.09	5.01	3.68
1.88	3.82	4.75	3.66	3.42	1.02	7.91	7.33	6.74	6	4.95	3.65	2.27	1.14	0.46	0.15	0.04			0.002	0.003	8.05	7.43	6.81	6.04	4.97	3.65
2.07	3.79	4.75	3.65	3.45	1.02	7.87	7.28	6.69	5.95	4.9	3.62	2.24	1.12	0.45	0.14	0.04			0.002	0.003	8.01	7.38	6.76	5.99	4.92	3.61
1.77	3.81	4.77	3.67	3.45	1.02	7.82	7.23	6.63	5.89	4.85	3.57	2.21	1.1	0.44	0.14	0.04			0.002	0.002	7.96	7.33	6.7	5.93	4.87	3.57
1.53	3.82	4.75	3.64	3.42	1.02	7.77	7.18	6.57	5.83	4.79	3.52	2.17	1.07	0.42	0.13	0.03			0.002	0.001	7.91	7.28	6.64	5.87	4.81	3.52
2	3.79	4.77	3.68	3.41	1.02	7.73	7.12	6.51	5.76	4.73	3.46	2.13	1.04	0.41	0.12	0.03			0.002	0	7.87	7.22	6.58	5.8	4.74	3.46
1.94	3.83	4.76	3.67	3.43	1.02	7.68	7.07	6.44	5.69	4.65	3.39	2.07	1.01	0.39	0.12	0.03			0.001	0	7.81	7.15	6.51	5.73	4.66	3.39
1.74	3.82	4.76	3.68	3.42	1.02	7.63	7	6.36	5.6	4.56	3.31	2.01	0.97	0.37	0.11	0.03	0.01	0	0	0	7.76	7.09	6.42	5.64	4.57	3.31
2.04	3.83	4.74	3.66	3.4	1.02	7.58	6.92	6.27	5.49	4.45	3.21	1.93	0.92	0.35	0.1	0.03		0	0	0.001	7.7	7.01	6.32	5.53	4.46	3.2
1.76	3.81	4.75	3.67	3.43	1.02	7.53	6.83	6.16	5.37	4.32	3.09	1.84	0.88	0.33	0.1	0.03		0	0	0.001	7.64	6.91	6.21	5.4	4.33	3.09
1.93	3.81	4.77	3.7	3.43	1.02	7.47	6.73	6.03	5.23	4.17	2.96	1.75	0.82	0.31	0.09	0.03		0	0	0.001	7.57	6.8	6.08	5.25	4.18	2.95
1.67	3.82	4.76	3.65	3.45	1.03	7.4	6.61	5.89	5.07	4.01	2.81	1.65	0.77	0.29	0.09	0.03			0	0.002	7.5	6.68	5.93	5.09	4.01	2.81
1.7	3.8	4.75	3.67	3.43	1.03	7.33	6.49	5.73	4.9	3.83	2.66	1.54	0.72	0.27	0.09	0.03		0.001	0	0.002	7.42	6.54	5.77	4.91	3.83	2.66
2.03	3.8	4.77	3.66	3.45	1.03	7.26	6.35	5.57	4.71	3.65	2.51	1.44	0.67	0.26	0.09	0.03		0.001	0.001	0.002	7.34	6.4	5.6	4.72	3.64	2.5
2.15	3.82	4.75	3.66	3.41	1.03	7.18	6.21	5.4	4.52	3.46	2.35	1.34	0.63	0.25	0.09	0.03		0.001	0.001	0.002	7.26	6.25	5.42	4.53	3.46	2.34
1.94	3.82	4.77	3.66	3.43	1.03	7.1	6.06	5.22	4.33	3.28	2.2	1.25	0.59	0.24	0.09	0.03		0.001	0.002	0.002	7.18	6.1	5.24	4.34	3.27	2.2
2.09	3.8	4.77	3.68	3.43	1.03	7.03	5.92	5.06	4.15	3.1	2.06	1.16	0.56	0.23	0.09	0.03		0.001	0.002	0.002	7.12	5.96	5.08	4.16	3.1	2.06
2.23	3.82	4.77	3.68	3.42	1.03	6.97	5.8	4.9	3.99	2.94	1.94	1.09	0.53	0.23	0.09	0.04		0.002	0.002	0.002	7.06	5.84	4.93	3.99	2.94	1.93
2.25	3.81	4.74	3.69	3.42	1.03	6.93	5.69	4.77	3.84	2.8	1.83	1.03	0.51	0.23	0.09	0.04		0.002	0.003	0.002	7.02	5.74	4.8	3.85	2.8	1.83
1.67	3.79	4.75	3.66	3.42	1.03	6.91	5.62	4.67	3.72	2.69	1.74	0.98	0.49	0.23	0.09	0.04		0.002	0.003	0.003	7.01	5.67	4.7	3.74	2.69	1.74
1.77	3.8	4.73	3.66	3.41	1.04	6.9	5.57	4.59	3.63	2.6	1.67	0.94	0.48	0.23	0.1	0.04		0.002	0.003	0.003	7.01	5.63	4.63	3.65	2.6	1.67
1.98	3.81	4.74	3.66	3.42	1.04	6.91	5.54	4.54	3.56	2.52	1.61	0.91	0.47	0.23	0.1	0.04		0.002	0.004	0.004	7.04	5.61	4.59	3.59	2.54	1.62
1.61	3.82	4.75	3.68	3.43	1.04	6.92	5.53	4.5	3.51	2.47	1.57	0.89	0.46	0.23	0.1	0.03		0.002	0.003	0.005	7.06	5.61	4.56	3.54	2.49	1.58
1.69	3.82	4.75	3.66	3.44	1.04	6.92	5.52	4.47	3.46	2.42	1.53	0.87	0.45	0.22	0.09	0.03		0.001	0.003	0.005	7.08	5.61	4.54	3.5	2.44	1.54
2.08	3.81	4.76	3.69	3.42	1.04	6.91	5.5	4.44	3.42	2.38	1.5	0.85	0.45	0.22	0.09	0.03		0.001	0.002	0.005	7.09	5.61	4.52	3.47	2.4	1.51
2.05	3.82	4.75	3.66	3.44	1.04	6.88	5.47	4.41	3.38	2.34	1.47	0.83	0.44	0.21	0.09	0.03		0.001	0.001	0.005	7.07	5.59	4.49	3.43	2.37	1.48
2.55	3.92	4.76	3.71	3.75	1.03	6.82	5.41	4.36	3.33	2.29	1.43	0.81	0.43	0.21	0.08	0.03		0.001	0	0.006	7.02	5.54	4.44	3.39	2.32	1.45
2.3	3.81	4.76	3.7	3.51	1.03	6.74	5.34	4.29	3.27	2.24	1.4	0.79	0.42	0.2	0.08	0.03			0.001	0.006	6.95	5.48	4.38	3.33	2.28	1.42
2.25	3.79	4.72	3.67	3.41	1.03	6.65	5.24	4.2	3.19	2.18	1.36	0.77	0.41	0.2	0.08	0.02			0.001	0.006	6.86	5.38	4.3	3.26	2.22	1.38
2.31	3.8	4.74	3.67	3.38	1.03	6.54	5.12	4.1	3.11	2.12	1.32	0.75	0.4	0.19	0.08	0.02		0.002	0.006	0.006	6.76	5.27	4.2	3.18	2.16	1.34
2.32	3.79	4.75	3.66	3.41	1.03	6.42	4.99	3.98	3.01	2.05	1.28	0.73	0.39	0.19	0.07	0.02		0.002	0.006	0.006	6.64	5.14	4.08	3.08	2.09	1.3
2.34	3.77	4.73	3.67	3.43	1.03	6.3	4.84	3.85	2.9	1.97	1.23	0.71	0.38	0.19	0.07	0.02			0.003	0.006	6.52	4.99	3.95	2.97	2.01	1.25
2.34	3.81	4.74	3.64	3.43	1.02	6.18	4.68	3.7	2.78	1.89	1.18	0.68	0.37	0.18	0.07	0.02			0.003	0.006	6.39	4.82	3.8	2.85	1.93	1.2
2.29	3.79	4.73	3.67	3.42	1.02	6.05	4.51	3.55	2.66	1.81	1.13	0.66	0.36	0.18	0.07	0.03	0.009		0.003	0.005	6.26	4.65	3.64	2.72	1.84	1.15
2.29	3.8	4.75	3.64	3.43	1.02	5.91	4.34																			

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.97	3.82	4.76	3.7	3.43	1	7.18	5.79	4.68	3.58	2.43	1.46	0.75	0.35	0.15	0.06	0.02			0.001	0.003	7.04	5.64	4.54	3.47	2.35	1.41
1.78	3.79	4.76	3.68	3.43	1	7.17	5.78	4.68	3.59	2.44	1.46	0.75	0.35	0.15	0.06	0.02			0	0.003	6.99	5.6	4.52	3.46	2.35	1.41
0.56	3.81	4.77	3.66	3.43	1	7.16	5.78	4.69	3.61	2.45	1.46	0.75	0.35	0.15	0.06	0.02			0	0.003	6.95	5.57	4.51	3.46	2.36	1.41
1.58	3.8	4.76	3.68	3.41	1	7.17	5.8	4.71	3.63	2.47	1.47	0.75	0.35	0.15	0.06	0.02		0	0	0.003	6.91	5.56	4.51	3.47	2.36	1.41
1.52	3.81	4.77	3.69	3.43	1	7.18	5.83	4.75	3.67	2.49	1.47	0.74	0.35	0.15	0.06	0.02		0	0	0.003	6.9	5.56	4.52	3.49	2.37	1.4
1.71	3.81	4.76	3.65	3.43	1.01	7.21	5.88	4.8	3.71	2.51	1.47	0.74	0.34	0.15	0.06	0.02		0	0	0.003	6.89	5.59	4.55	3.51	2.38	1.4
1.64	3.81	4.76	3.65	3.42	1.01	7.25	5.94	4.86	3.75	2.52	1.47	0.73	0.34	0.15	0.06	0.02		0	0.001	0.003	6.91	5.63	4.58	3.53	2.39	1.4
1.76	3.81	4.77	3.66	3.44	1.01	7.3	6.01	4.91	3.78	2.54	1.46	0.73	0.34	0.15	0.06	0.02		0	0.001	0.003	6.93	5.67	4.62	3.56	2.39	1.39
1.83	3.83	4.74	3.67	3.45	1.01	7.35	6.06	4.95	3.81	2.54	1.46	0.73	0.34	0.15	0.06	0.02		0.001	0.001	0.003	6.96	5.7	4.65	3.57	2.39	1.38
1.51	3.81	4.75	3.68	3.42	1.01	7.39	6.1	4.98	3.82	2.53	1.45	0.72	0.34	0.15	0.06	0.02		0.001	0.001	0.003	6.98	5.72	4.66	3.57	2.38	1.37
1.61	3.82	4.76	3.66	3.42	1.02	7.41	6.11	4.98	3.81	2.52	1.44	0.72	0.35	0.15	0.06	0.02		0.001	0.001	0.003	6.99	5.73	4.65	3.55	2.36	1.36
2.01	3.78	4.77	3.67	3.42	1.02	7.41	6.1	4.96	3.78	2.49	1.43	0.73	0.35	0.16	0.06	0.02		0.001	0.001	0.002	6.97	5.7	4.62	3.52	2.33	1.35
1.99	3.84	4.77	3.68	3.45	1.02	7.38	6.05	4.91	3.73	2.46	1.42	0.74	0.36	0.17	0.06	0.02		0.001	0.001	0.002	6.94	5.65	4.58	3.48	2.3	1.34
1.48	3.8	4.74	3.69	3.46	1.02	7.34	5.99	4.85	3.68	2.43	1.41	0.75	0.38	0.17	0.07	0.02		0.001	0.001	0.001	6.89	5.59	4.52	3.43	2.27	1.33
1.54	3.8	4.75	3.69	3.41	1.03	7.28	5.92	4.79	3.63	2.4	1.42	0.76	0.39	0.18	0.07	0.02		0.001	0.001	0.001	6.84	5.52	4.46	3.38	2.25	1.33
1.26	3.81	4.79	3.67	3.42	1.03	7.22	5.84	4.73	3.58	2.39	1.43	0.79	0.41	0.19	0.08	0.02		0	0.001	0	6.78	5.46	4.4	3.34	2.23	1.35
1.88	3.81	4.75	3.69	3.42	1.03	7.16	5.79	4.68	3.55	2.39	1.45	0.81	0.43	0.2	0.08	0.02		0	0.001	-0.001	6.74	5.41	4.36	3.32	2.24	1.37
1.65	3.84	4.77	3.66	3.46	1.03	7.13	5.75	4.65	3.55	2.4	1.49	0.85	0.45	0.22	0.09	0.03	0.01	0.001	0.002	-0.001	6.72	5.38	4.35	3.31	2.25	1.4
1.9	3.83	4.74	3.69	3.43	1.03	7.12	5.74	4.66	3.56	2.44	1.53	0.89	0.48	0.23	0.09	0.03	0.01	0.004	0.004	0	6.72	5.39	4.36	3.33	2.29	1.45
2.29	3.81	4.76	3.62	3.47	1.03	7.14	5.76	4.68	3.6	2.49	1.58	0.93	0.5	0.24	0.1	0.03	0.01	0.006	0.005	0	6.76	5.42	4.39	3.38	2.34	1.5
2.09	3.82	4.77	3.66	3.47	1.03	7.2	5.81	4.73	3.65	2.55	1.64	0.97	0.53	0.25	0.1	0.03	0.01	0.007	0.005	0	6.83	5.48	4.45	3.43	2.4	1.56
1.67	3.81	4.76	3.69	3.44	1.04	7.28	5.89	4.8	3.72	2.61	1.7	1.01	0.55	0.26	0.1	0.03	0.01	0.006	0.005	0	6.94	5.56	4.53	3.5	2.47	1.61
1.55	3.84	4.75	3.67	3.43	1.04	7.39	5.97	4.87	3.79	2.68	1.75	1.05	0.56	0.26	0.1	0.03	0.01	0.005	0.004	0	7.06	5.66	4.61	3.58	2.54	1.67
1.85	3.82	4.77	3.68	3.42	1.04	7.5	6.06	4.95	3.85	2.74	1.8	1.08	0.58	0.27	0.1	0.03	0.01	0.002	0.002	-0.001	7.2	5.77	4.69	3.65	2.6	1.72
1.74	3.82	4.75	3.69	3.44	1.03	7.62	6.14	5.01	3.92	2.8	1.85	1.11	0.6	0.27	0.1	0.03	0.01	0	0.001	-0.001	7.34	5.87	4.78	3.72	2.66	1.77
1.73	3.81	4.77	3.67	3.42	1.03	7.71	6.21	5.07	3.97	2.85	1.89	1.14	0.61	0.28	0.1	0.02		0.001	0.001	0	7.46	5.95	4.84	3.79	2.72	1.81
2.04	3.82	4.78	3.64	3.42	1.03	7.78	6.25	5.11	4.01	2.89	1.93	1.16	0.62	0.28	0.1	0.02		0.002	0.001	0.001	7.56	6.01	4.9	3.84	2.77	1.85
2.05	3.84	4.75	3.62	3.42	1.03	7.82	6.27	5.13	4.04	2.92	1.96	1.18	0.63	0.28	0.1	0.02		0.002	0.001	0.001	7.62	6.05	4.93	3.88	2.81	1.88
2.06	3.83	4.74	3.68	3.43	1.03	7.81	6.26	5.13	4.06	2.95	1.98	1.2	0.64	0.28	0.1	0.02		0.003	0.001	0.002	7.64	6.06	4.95	3.9	2.84	1.91
2.12	3.83	4.77	3.68	3.43	1.03	7.77	6.23	5.12	4.06	2.97	2	1.21	0.64	0.29	0.1	0.02		0.003	0.001	0.002	7.61	6.05	4.95	3.92	2.86	1.93
2.12	3.85	4.75	3.65	3.43	1.03	7.68	6.17	5.09	4.05	2.98	2.02	1.22	0.65	0.29	0.1	0.02		0.003	0.001	0.001	7.54	6.01	4.94	3.92	2.88	1.95
2	3.83	4.75	3.66	3.43	1.03	7.56	6.1	5.05	4.04	2.98	2.03	1.23	0.65	0.29	0.1	0.02		0.002	0.001	0.001	7.43	5.95	4.91	3.92	2.89	1.97
1.83	3.81	4.75	3.66	3.45	1.03	7.42	6.01	5	4.02	2.99	2.04	1.24	0.66	0.29	0.1	0.02		0.002	0.001	0.001	7.3	5.88	4.88	3.91	2.9	1.98
1.35	3.8	4.78	3.65	3.45	1.03	7.26	5.93	4.95	4	2.99	2.04	1.25	0.66	0.3	0.1	0.03		0.002	0.001	0.001	7.16	5.8	4.84	3.9	2.91	1.99
1.9	3.81	4.77	3.66	3.46	1.03	7.11	5.84	4.9	3.98	2.98	2.05	1.25	0.67	0.3	0.11	0.03		0.002	0.001	0	7.02	5.72	4.79	3.88	2.91	2
1.54	3.81	4.74	3.69	3.43	1.03	6.97	5.75	4.84	3.95	2.98	2.05	1.26	0.67	0.3	0.11	0.03		0.001	0	0	6.88	5.64	4.74	3.86	2.91	2.01
1.8	3.77	4.74	3.68	3.44	1.03	6.85	5.67	4.79	3.92	2.97	2.06	1.26	0.67	0.3	0.11	0.03		0	0	0	6.76	5.57	4.69	3.84	2.9	2.01
1.99	3.81	4.76	3.66	3.47	1.03	6.75	5.6	4.74	3.9	2.96	2.06	1.26	0.68	0.3	0.11	0.03	0.006	0	0	0	6.67	5.5	4.65	3.81	2.9	2.01
2.12	3.79	4.74	3.62	3.43	1.02	6.68	5.54	4.7	3.87	2.95	2.05	1.27	0.68	0.31	0.11	0.03	0.007	0.001	0	0	6.6	5.44	4.61	3.79	2.89	2.01
2.22	3.81	4.73	3.66	3.4	1.02	6.63	5.49	4.66	3.85	2.94	2.05	1.27	0.68	0.31	0.11	0.03	0.009	0.003	0	0	6.55	5.39	4.58	3.77	2.88	2.01
1.45	3.8	4.74	3.66	3.42	1.02	6.6	5.45	4.63	3.83	2.93	2.05	1.27	0.68	0.31	0.11	0.03	0.01	0.004	0.001	0	6.51	5.35	4.55	3.75	2.87	2.01
1.21	3.81	4.75	3.65	3.44	1.02	6.58	5.41	4.61	3.81	2.91	2.04	1.26	0.68	0.31	0.11	0.04	0.01	0.006	0.001	0.001	6.5	5.32	4.52	3.73	2.85	2
1.73	3.77	4.73	3.66	3.4	1.02	6.57	5.39	4.59	3.79	2.9	2.03	1.26	0.68	0.31	0.11	0.04	0.01	0.008	0.002	0.001	6.48	5.29	4.49	3.7	2.83	1.99
1.9	3.78	4.75	3.65	3.38	1.02	6.57	5.37	4.57	3.77	2.88	2.02	1.26	0.68	0.32	0.12	0.04	0.01	0.009	0.003	0.001	6.47	5.27	4.47	3.68	2.81	1.97
2.15	3.8	4.75	3.65	3.43	1.02	6.57	5.36	4.55	3.75	2.86	2.01	1.25	0.68	0.32	0.12	0.05	0.02	0.01	0.004	0.002	6.47	5.25	4.45	3.66	2.79	1.96
1.88	3.8	4.73	3.65	3.4	1.02	6.58	5.36	4.54	3.73	2.84	1.99	1.24	0.68	0.32	0.13	0.05	0.02	0.01	0.006	0.002	6.47	5.24	4.43	3.64	2.77	1.94
1.63	3.79	4.71	3.66	3.41	1.03	6.59	5.37	4.54	3.73	2.83	1.98	1.24	0.68	0.32	0.13	0.05	0.02	0.01	0.006	0.002	6.47	5.24	4.43	3.63	2.76	1.93
1.84	3.81	4.76	3.66	3.43	1.03	6.62	5.39	4.55	3.73	2.83	1.97	1.23	0.68	0.33	0.14	0.06	0.02	0.01	0.007	0.002	6.49	5.26	4.43	3.62	2.75	1.92
1.81	3.81	4.75	3.67	3.45	1.03	6.66	5.44	4.58	3.75	2.83	1.97	1.23	0.69	0.33	0.14	0.06	0.02	0.01	0.007	0.003	6.52	5.3	4.45	3.64	2.75	1.92
0.74	3.81	4.75	3.68	3.45	1.03	6.72	5.51	4.64	3.79	2.86	1.98	1.24	0.69	0.33	0.14	0.06	0.02	0.01	0.007	0.003	6.57	5.36	4.5	3.67	2.77	1.92
1.12	3.83	4.74	3.64</																							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.04	3.82	4.76	3.68	3.41	1.01	7.64	6.88	6.21	5.41	4.38	3.22	2.05	1.12	0.51	0.19	0.05	0.01	0	0.001	-0.001	7.25	6.5	5.84	5.08	4.11	3.02
2.05	3.81	4.77	3.64	3.42	1.02	7.65	6.88	6.2	5.38	4.34	3.17	2.01	1.09	0.5	0.18	0.05	0.01	0.001	0.001	-0.002	7.27	6.5	5.84	5.06	4.08	2.98
1.69	3.81	4.77	3.66	3.42	1.02	7.65	6.87	6.18	5.36	4.31	3.13	1.97	1.07	0.49	0.18	0.05	0.01	0.002	0.002	-0.002	7.28	6.5	5.83	5.04	4.05	2.94
1.76	3.82	4.76	3.67	3.42	1.02	7.64	6.84	6.15	5.33	4.27	3.09	1.94	1.05	0.49	0.18	0.05	0.01	0.003	0.003	-0.001	7.27	6.49	5.81	5.02	4.02	2.91
1.78	3.8	4.72	3.72	3.43	1.02	7.61	6.81	6.12	5.3	4.24	3.06	1.91	1.03	0.48	0.18	0.06	0.02	0.006	0.005	0	7.26	6.47	5.79	5	3.99	2.88
2	3.81	4.72	3.69	3.44	1.02	7.57	6.78	6.09	5.27	4.22	3.03	1.89	1.02	0.47	0.18	0.06	0.02	0.009	0.006	0	7.24	6.45	5.77	4.98	3.98	2.86
1.95	3.81	4.74	3.66	3.43	1.01	7.53	6.75	6.07	5.25	4.2	3.02	1.87	1	0.47	0.18	0.06	0.02	0.01	0.008	0.001	7.21	6.43	5.76	4.97	3.97	2.85
1.69	3.82	4.73	3.67	3.43	1.01	7.5	6.73	6.05	5.24	4.19	3.01	1.86	1	0.46	0.18	0.07	0.02	0.01	0.008	0.001	7.2	6.42	5.76	4.97	3.96	2.85
1.84	3.82	4.74	3.66	3.38	1.01	7.48	6.72	6.05	5.24	4.19	3.01	1.86	0.99	0.46	0.18	0.07	0.02	0.01	0.009	0.001	7.19	6.42	5.76	4.97	3.97	2.85
1.97	3.81	4.75	3.69	3.43	1.01	7.47	6.72	6.05	5.25	4.2	3.02	1.87	0.99	0.46	0.18	0.07	0.02	0.01	0.009	0.001	7.19	6.44	5.78	4.99	3.99	2.87
1.58	3.82	4.75	3.67	3.45	1.01	7.47	6.73	6.06	5.27	4.23	3.04	1.88	0.99	0.45	0.18	0.07	0.03	0.01	0.009	0.001	7.2	6.46	5.8	5.02	4.02	2.89
1.76	3.81	4.74	3.68	3.41	1	7.47	6.74	6.08	5.29	4.26	3.07	1.9	1	0.45	0.18	0.07	0.03	0.01	0.009	0.001	7.21	6.48	5.82	5.05	4.06	2.92
1.89	3.81	4.76	3.69	3.39	1	7.46	6.74	6.09	5.31	4.29	3.1	1.92	1	0.45	0.18	0.07	0.03	0.01	0.01	0.002	7.22	6.49	5.84	5.08	4.09	2.96
2.06	3.81	4.75	3.66	3.42	1	7.45	6.75	6.1	5.34	4.33	3.14	1.95	1.01	0.45	0.18	0.07	0.03	0.01	0.01	0.002	7.21	6.5	5.86	5.11	4.13	3
1.72	3.82	4.74	3.69	3.43	1	7.43	6.74	6.11	5.36	4.36	3.18	1.98	1.03	0.45	0.18	0.07	0.03	0.01	0.01	0.003	7.19	6.5	5.87	5.13	4.16	3.03
1.77	3.8	4.76	3.66	3.41	1	7.41	6.74	6.11	5.38	4.39	3.21	2.01	1.04	0.45	0.17	0.07	0.02	0.01	0.009	0.003	7.17	6.49	5.87	5.15	4.19	3.07
1.58	3.78	4.74	3.66	3.42	1	7.39	6.73	6.12	5.4	4.42	3.25	2.03	1.05	0.45	0.17	0.06	0.02	0.01	0.007	0.003	7.15	6.49	5.87	5.17	4.22	3.1
1.51	3.81	4.73	3.68	3.4	1	7.39	6.73	6.12	5.41	4.44	3.27	2.05	1.06	0.46	0.17	0.06	0.02	0.01	0.006	0.002	7.15	6.49	5.88	5.18	4.24	3.13
2.01	3.8	4.75	3.69	3.4	1	7.4	6.74	6.13	5.42	4.45	3.29	2.07	1.07	0.46	0.17	0.06	0.02	0.008	0.004	0.002	7.15	6.49	5.89	5.2	4.26	3.15
1.76	3.79	4.74	3.7	3.4	1.01	7.42	6.75	6.14	5.42	4.45	3.3	2.08	1.08	0.47	0.17	0.06	0.01	0.007	0.003	0.002	7.18	6.51	5.9	5.2	4.27	3.16
1.75	3.8	4.75	3.67	3.4	1.01	7.43	6.75	6.13	5.41	4.44	3.28	2.08	1.09	0.48	0.17	0.05	0.01	0.005	0.002	0.002	7.2	6.52	5.91	5.2	4.26	3.15
1.28	3.81	4.75	3.66	3.41	1.02	7.44	6.73	6.11	5.37	4.4	3.26	2.07	1.1	0.48	0.18	0.05	0.01	0.004	0.001	0.001	7.23	6.52	5.9	5.18	4.23	3.13
2.09	3.8	4.72	3.68	3.41	1.03	7.44	6.7	6.06	5.31	4.34	3.21	2.05	1.1	0.49	0.18	0.06	0.01	0.003	0	0.001	7.24	6.51	5.87	5.13	4.19	3.1
1.75	3.81	4.73	3.65	3.44	1.03	7.41	6.64	5.99	5.23	4.26	3.15	2.02	1.1	0.5	0.19	0.06	0.01	0.001	0	0.001	7.24	6.47	5.82	5.07	4.13	3.05
1.74	3.78	4.76	3.69	3.41	1.04	7.36	6.56	5.89	5.12	4.16	3.07	1.98	1.1	0.51	0.2	0.06	0	0	0	0	7.23	6.42	5.75	5	4.05	3
2.01	3.78	4.76	3.7	3.42	1.05	7.29	6.46	5.77	5	4.05	3	1.95	1.09	0.52	0.2	0.06	0	0	0	0	7.2	6.35	5.67	4.91	3.97	2.94
2.04	3.82	4.75	3.69	3.45	1.06	7.22	6.34	5.65	4.88	3.95	2.92	1.91	1.09	0.53	0.21	0.06	0.001	0.001	0	0	7.17	6.28	5.59	4.82	3.89	2.88
2.06	3.8	4.75	3.68	3.42	1.06	7.14	6.23	5.53	4.77	3.85	2.86	1.88	1.09	0.54	0.22	0.07	0.001	0.001	0	0	7.14	6.22	5.51	4.74	3.82	2.84
1.85	3.8	4.74	3.65	3.41	1.07	7.06	6.14	5.43	4.67	3.77	2.8	1.86	1.08	0.54	0.22	0.07	0.001	0.002	0	0	7.12	6.17	5.45	4.69	3.77	2.8
2.04	3.79	4.72	3.66	3.42	1.08	7	6.06	5.35	4.6	3.71	2.77	1.84	1.08	0.54	0.23	0.07	0.001	0.002	0	0	7.11	6.14	5.41	4.65	3.74	2.79
1.9	3.8	4.73	3.68	3.41	1.08	6.96	6.01	5.3	4.56	3.68	2.74	1.83	1.08	0.55	0.23	0.07	0.001	0.002	0.001	0	7.13	6.14	5.41	4.65	3.74	2.79
1.52	3.82	4.74	3.68	3.4	1.08	6.94	5.99	5.28	4.54	3.66	2.74	1.83	1.08	0.55	0.23	0.07	0.001	0.002	0.001	0	7.16	6.18	5.44	4.67	3.76	2.8
1.99	3.83	4.73	3.69	3.41	1.09	6.93	5.99	5.29	4.55	3.67	2.74	1.83	1.07	0.54	0.22	0.07	0.001	0.002	0.002	0	7.22	6.24	5.49	4.71	3.79	2.83
1.46	3.83	4.73	3.69	3.43	1.09	6.95	6.02	5.31	4.57	3.68	2.75	1.83	1.07	0.54	0.22	0.07	0.001	0.002	0.002	0	7.3	6.32	5.56	4.78	3.84	2.86
1.26	3.82	4.74	3.69	3.47	1.09	6.97	6.06	5.35	4.6	3.7	2.76	1.83	1.07	0.53	0.22	0.06	0.001	0.001	0.003	0	7.38	6.41	5.65	4.85	3.89	2.89
1.98	3.83	4.73	3.71	3.42	1.09	7	6.1	5.38	4.62	3.72	2.77	1.83	1.06	0.53	0.21	0.06	0	0.001	0.003	0	7.47	6.5	5.73	4.91	3.94	2.92
1.87	3.82	4.75	3.69	3.42	1.09	7.02	6.13	5.41	4.65	3.73	2.77	1.82	1.05	0.52	0.21	0.06	0	0.001	0.004	0	7.56	6.59	5.81	4.98	3.98	2.94
1.52	3.79	4.75	3.65	3.42	1.09	7.04	6.15	5.42	4.65	3.73	2.76	1.81	1.04	0.52	0.2	0.06	0.01	0	0	0.003	7.63	6.65	5.86	5.01	4.01	2.95
1.54	3.81	4.72	3.67	3.42	1.09	7.04	6.14	5.41	4.63	3.71	2.74	1.8	1.03	0.51	0.2	0.06	0.01	0	0	0.003	7.68	6.69	5.88	5.03	4.01	2.95
2.16	3.82	4.73	3.64	3.4	1.09	7.01	6.09	5.36	4.59	3.67	2.71	1.77	1.02	0.5	0.2	0.06	0.01	0.001	0	0.003	7.7	6.68	5.86	5.01	3.99	2.93
2.13	3.82	4.73	3.67	3.42	1.08	6.95	6.01	5.27	4.52	3.61	2.67	1.75	1	0.49	0.2	0.06	0.01	0	0	0.002	7.66	6.62	5.79	4.95	3.94	2.89
2.16	3.82	4.75	3.66	3.4	1.08	6.84	5.88	5.15	4.41	3.54	2.61	1.71	0.98	0.49	0.19	0.05	0.01	0.002	0	0.002	7.59	6.51	5.69	4.86	3.87	2.84
2.26	3.83	4.76	3.67	3.47	1.08	6.71	5.73	5.02	4.3	3.44	2.55	1.67	0.97	0.48	0.19	0.06	0.01	0.002	0	0.001	7.47	6.37	5.56	4.74	3.78	2.78
2.08	3.84	4.74	3.67	3.44	1.07	6.56	5.57	4.86	4.17	3.34	2.48	1.63	0.95	0.47	0.19	0.06	0.01	0.002	0.001	0	7.32	6.2	5.4	4.61	3.68	2.71
1.33	3.82	4.74	3.69	3.4	1.07	6.41	5.4	4.71	4.03	3.24	2.41	1.59	0.93	0.47	0.19	0.06	0.01	0.002	0.001	0	7.16	6.02	5.24	4.47	3.57	2.63
1.76	3.82	4.71	3.7	3.4	1.06	6.28	5.26	4.58	3.92	3.15	2.34	1.55	0.91	0.46	0.19	0.06	0.01	0.002	0.001	-0.001	7.01	5.86	5.09	4.33	3.46	2.55
1.48	3.81	4.74	3.69	3.42	1.06	6.16	5.14	4.47	3.82	3.06	2.28	1.51	0.89	0.46	0.19	0.06	0.01	0.003	0.001	-0.001	6.88	5.72	4.97	4.22	3.37	2.48
2.29	3.8	4.73	3.67	3.42	1.05	6.09	5.07	4.41	3.75	3	2.22	1.48	0.87	0.45	0.19	0.06	0.02	0.004	0.003	-0.001	6.8	5.64	4.88	4.14	3.29	2.42
2.34	3.79	4.76	3.64	3.43	1.04	6.07	5.06	4.39	3.72	2.96	2.19	1.45	0.86	0.45	0.2	0.07	0.02	0.005	0.003	-0.001	6.76	5.61	4.85	4.1	3.25	2.38
1.57	3.75	4.76	3.65	3.41	1.04	6.09	5.09	4.41	3.73	2.95	2.16	1.43	0.85	0.45	0.19	0.07	0.02	0.004	0.003							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6	
1.78	3.82	4.76	3.68	3.43	1.02	7.52	6.57	5.73	4.77	3.6	2.39	1.37	0.69	0.31	0.12	0.04			0.001	0.002	0.002	7.09	6.17	5.36	4.46	3.36	2.25
1.94	3.81	4.73	3.67	3.4	1.02	7.56	6.59	5.73	4.77	3.58	2.38	1.36	0.68	0.31	0.12	0.04			0.001	0.002	0.002	7.08	6.14	5.33	4.43	3.33	2.22
1.95	3.8	4.74	3.67	3.4	1.02	7.6	6.61	5.74	4.76	3.57	2.37	1.35	0.68	0.31	0.12	0.04			0.001	0.002	0.002	7.07	6.13	5.3	4.39	3.3	2.2
2.12	3.78	4.74	3.65	3.41	1.03	7.63	6.64	5.75	4.76	3.56	2.37	1.35	0.68	0.31	0.12	0.03			0.001	0.001	0.002	7.06	6.11	5.28	4.37	3.28	2.19
2.01	3.79	4.75	3.64	3.43	1.03	7.66	6.67	5.77	4.77	3.56	2.37	1.35	0.68	0.3	0.12	0.03			0.002	0.001	0.002	7.05	6.1	5.26	4.34	3.25	2.17
1.79	3.8	4.76	3.67	3.42	1.03	7.69	6.7	5.79	4.77	3.56	2.37	1.35	0.68	0.3	0.11	0.03			0.002	0.001	0.003	7.03	6.09	5.25	4.32	3.23	2.16
1.99	3.79	4.74	3.66	3.42	1.03	7.71	6.73	5.8	4.78	3.56	2.36	1.36	0.68	0.3	0.11	0.03			0.002	0.001	0.004	7.02	6.09	5.23	4.3	3.21	2.15
2.12	3.79	4.74	3.64	3.43	1.03	7.74	6.75	5.82	4.78	3.55	2.36	1.36	0.68	0.3	0.11				0.003	0.001	0.004	7	6.08	5.22	4.28	3.19	2.14
1.69	3.8	4.71	3.66	3.44	1.03	7.75	6.77	5.82	4.77	3.54	2.35	1.35	0.68	0.3	0.11				0.003	0.001	0.005	6.99	6.06	5.19	4.25	3.17	2.12
1.73	3.81	4.72	3.68	3.44	1.04	7.77	6.76	5.81	4.75	3.52	2.34	1.35	0.68	0.3	0.1				0.003	0.001	0.006	6.98	6.03	5.16	4.22	3.14	2.1
1.39	3.8	4.76	3.66	3.46	1.04	7.77	6.75	5.78	4.71	3.48	2.32	1.34	0.68	0.3	0.1				0.004	0.001	0.006	6.96	6	5.12	4.17	3.1	2.08
2.21	3.8	4.75	3.67	3.45	1.04	7.77	6.71	5.73	4.67	3.45	2.29	1.33	0.68	0.3	0.11				0.004	0.001	0.006	6.94	5.95	5.06	4.12	3.05	2.05
2.27	3.84	4.77	3.67	3.46	1.03	7.77	6.67	5.68	4.61	3.4	2.26	1.31	0.67	0.3	0.11				0.003	0.001	0.005	6.92	5.89	5	4.06	3	2.02
1.21	3.8	4.76	3.67	3.42	1.03	7.77	6.61	5.61	4.55	3.35	2.22	1.3	0.66	0.3	0.11	0.03			0.003	0.001	0.005	6.9	5.83	4.93	4	2.95	1.98
1.88	3.83	4.72	3.69	3.45	1.03	7.76	6.55	5.55	4.48	3.29	2.19	1.28	0.66	0.3	0.11	0.03			0.003	0	0.004	6.89	5.76	4.86	3.93	2.9	1.94
1.73	3.83	4.76	3.71	3.45	1.03	7.75	6.5	5.48	4.42	3.24	2.15	1.26	0.65	0.3	0.12	0.03			0.002	0.001	0.003	6.87	5.71	4.8	3.87	2.85	1.91
1.62	3.82	4.75	3.66	3.42	1.02	7.75	6.45	5.43	4.37	3.2	2.12	1.24	0.64	0.3	0.12	0.03			0.002	0.001	0.002	6.86	5.66	4.75	3.82	2.81	1.88
1.92	3.81	4.74	3.64	3.42	1.02	7.74	6.43	5.4	4.35	3.18	2.1	1.22	0.63	0.3	0.12	0.04			0.002	0.001	0.002	6.85	5.62	4.71	3.79	2.79	1.86
1.87	3.8	4.75	3.68	3.43	1.02	7.75	6.42	5.4	4.35	3.18	2.09	1.21	0.63	0.29	0.12	0.04			0.001	0.001	0.002	6.85	5.61	4.71	3.79	2.78	1.85
1.73	3.82	4.75	3.7	3.44	1.01	7.77	6.45	5.43	4.38	3.2	2.1	1.21	0.62	0.29	0.12	0.04			0.001	0.001	0.002	6.85	5.63	4.73	3.81	2.8	1.86
1.69	3.8	4.77	3.68	3.39	1.01	7.8	6.5	5.49	4.44	3.25	2.13	1.21	0.61	0.28	0.12	0.04			0	0.001	0.001	6.87	5.66	4.77	3.86	2.84	1.88
1.83	3.81	4.76	3.67	3.44	1.01	7.84	6.57	5.58	4.53	3.33	2.18	1.22	0.61	0.28	0.11	0.03	0.01		0	0.001	0.002	6.9	5.72	4.84	3.93	2.91	1.92
2.04	3.81	4.78	3.69	3.46	1	7.89	6.66	5.69	4.65	3.44	2.25	1.25	0.61	0.28	0.11	0.03	0.01		0	0.001	0.002	6.93	5.8	4.93	4.03	2.99	1.98
1.99	3.83	4.75	3.63	3.43	1	7.95	6.77	5.83	4.8	3.57	2.34	1.29	0.62	0.27	0.11	0.03	0.01	0.001	0.001	0.002	6.98	5.89	5.04	4.15	3.1	2.05	
2.15	3.83	4.74	3.69	3.45	1	8.02	6.9	5.98	4.96	3.72	2.45	1.34	0.63	0.27	0.11	0.03	0.01		0	0.001	0.003	7.05	5.99	5.16	4.27	3.22	2.14
2.2	3.8	4.75	3.66	3.43	1	8.11	7.02	6.13	5.12	3.87	2.56	1.4	0.65	0.27	0.11	0.03	0.01		0	0.001	0.004	7.11	6.09	5.28	4.41	3.34	2.23
2.25	3.8	4.75	3.65	3.43	1	8.2	7.15	6.28	5.28	4.03	2.68	1.47	0.68	0.28	0.11	0.04	0.01		0	0.001	0.005	7.18	6.18	5.4	4.53	3.46	2.33
2.29	3.81	4.74	3.68	3.44	1	8.29	7.26	6.41	5.43	4.18	2.8	1.54	0.7	0.28	0.11	0.04	0.01		0	0.001	0.006	7.23	6.26	5.5	4.65	3.58	2.42
2.21	3.81	4.75	3.67	3.45	1	8.36	7.35	6.53	5.56	4.31	2.91	1.6	0.73	0.29	0.11	0.04			0	0	0.007	7.29	6.33	5.58	4.74	3.68	2.5
1.97	3.8	4.76	3.66	3.44	1.01	8.43	7.43	6.62	5.67	4.42	3	1.66	0.75	0.29	0.11	0.04				0	0.007	7.32	6.37	5.64	4.82	3.76	2.57
1.9	3.8	4.76	3.67	3.43	1.01	8.49	7.48	6.69	5.76	4.51	3.08	1.72	0.78	0.3	0.11	0.04				0.001	0.007	7.35	6.39	5.68	4.87	3.82	2.63
2.28	3.81	4.75	3.67	3.46	1.01	8.53	7.52	6.74	5.82	4.57	3.14	1.76	0.8	0.31	0.11	0.03			0.001	0.007	7.36	6.41	5.7	4.91	3.86	2.67	
2.08	3.83	4.74	3.65	3.44	1.01	8.56	7.55	6.77	5.86	4.62	3.18	1.8	0.82	0.32	0.11	0.03			0.001	0.007	7.36	6.4	5.71	4.92	3.89	2.7	
1.66	3.84	4.76	3.67	3.43	1.02	8.58	7.56	6.79	5.88	4.64	3.21	1.82	0.84	0.32	0.11	0.03			0.002	0.006	7.35	6.39	5.7	4.93	3.89	2.71	
2	3.83	4.76	3.69	3.46	1.02	8.59	7.57	6.8	5.89	4.66	3.22	1.83	0.85	0.33	0.11	0.03			0.002	0.006	7.34	6.38	5.7	4.93	3.89	2.72	
2.26	3.82	4.74	3.66	3.49	1.03	8.6	7.58	6.8	5.9	4.66	3.22	1.84	0.86	0.33	0.11	0.03			0.002	0.006	7.32	6.37	5.68	4.91	3.88	2.71	
2.08	3.83	4.74	3.66	3.49	1.04	8.6	7.58	6.8	5.9	4.65	3.22	1.84	0.87	0.34	0.11	0.03			0.003	0.006	7.31	6.36	5.67	4.9	3.87	2.7	
2.15	3.83	4.75	3.67	3.43	1.04	8.61	7.58	6.8	5.89	4.63	3.2	1.84	0.87	0.34	0.11	0.03			0.003	0.005	7.3	6.35	5.66	4.89	3.85	2.69	
2.13	3.84	4.75	3.64	3.46	1.05	8.61	7.59	6.8	5.88	4.61	3.18	1.83	0.87	0.35	0.11	0.03	0.006		0.003	0.005	7.28	6.34	5.64	4.87	3.83	2.67	
1.8	3.83	4.76	3.68	3.45	1.05	8.62	7.59	6.79	5.86	4.58	3.15	1.82	0.87	0.35	0.11	0.03	0.006		0.002	0.005	7.28	6.33	5.63	4.85	3.8	2.64	
1.53	3.81	4.76	3.68	3.44	1.06	8.63	7.6	6.78	5.84	4.55	3.12	1.8	0.87	0.35	0.12	0.03	0.005		0.002	0.005	7.28	6.33	5.62	4.82	3.77	2.61	
2.11	3.84	4.78	3.68	3.46	1.06	8.65	7.6	6.78	5.81	4.52	3.09	1.78	0.86	0.35	0.12	0.03			0.002	0.005	7.29	6.33	5.61	4.8	3.74	2.58	
2.11	3.84	4.74	3.67	3.44	1.06	8.67	7.61	6.77	5.79	4.48	3.05	1.76	0.85	0.35	0.12	0.03			0.002	0.004	7.32	6.33	5.6	4.77	3.7	2.55	
1.97	3.85	4.75	3.67	3.45	1.06	8.71	7.62	6.76	5.76	4.43	3.01	1.73	0.84	0.35	0.12	0.03			0.001	0.004	7.35	6.34	5.59	4.75	3.67	2.52	
1.79	3.82	4.75	3.69	3.45	1.07	8.75	7.63	6.75	5.73	4.39	2.97	1.7	0.83	0.35	0.12	0.03			0.001	0.004	7.39	6.35	5.58	4.72	3.63	2.48	
2	3.84	4.76	3.69	3.46	1.07	8.78	7.64	6.74	5.69	4.34	2.93	1.68	0.82	0.35	0.12	0.03			0.001	0.003	7.43	6.36	5.58	4.7	3.6	2.45	
2	3.86	4.77	3.68	3.46	1.07	8.81	7.65	6.72	5.66	4.3	2.88	1.65	0.81	0.34	0.12	0.03			0	0.003	7.48	6.38	5.57	4.67	3.56	2.42	
1.97	3.83	4.75	3.65	3.46	1.07	8.83	7.64	6.7	5.62	4.25	2.84	1.62	0.8	0.34	0.13	0.03	0.008		0	0.002	7.51	6.39	5.56	4.65	3.53	2.39	
1.64	3.85	4.75	3.67	3.46	1.07	8.84	7.63	6.66	5.57	4.2	2.8	1.6	0.79	0.34	0.13	0.03	0.009	0	0	0.002	7.54	6.39	5.54	4.62	3.49	2.36	
1.9	3.87	4.77	3.63	3.46	1.06	8.82	7.6	6.62	5.52	4.15	2.76	1.57	0.78	0.34	0.13	0.04	0.01	0.001	0	0.002	7.55	6.38	5.52	4.59	3.46	2.33	
2.1	3.85	4.75	3.67	3																							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.49	3.83	4.77	3.68	3.48	1.08	7.94	6.68	5.86	4.99	3.88	2.67	1.54	0.74	0.3	0.11	0.04		0.001	0.002	0.003	7.31	6.11	5.34	4.55	3.54	2.45
1.97	3.85	4.77	3.69	3.48	1.08	7.91	6.66	5.83	4.96	3.86	2.65	1.53	0.74	0.3	0.11	0.04		0	0.003	0.003	7.36	6.15	5.38	4.57	3.56	2.46
1.83	3.86	4.76	3.69	3.49	1.08	7.88	6.63	5.81	4.95	3.85	2.65	1.53	0.74	0.31	0.11	0.04		0	0.003	0.003	7.41	6.2	5.41	4.6	3.59	2.47
1.4	3.85	4.78	3.68	3.51	1.08	7.86	6.61	5.79	4.93	3.84	2.64	1.53	0.74	0.31	0.11	0.04	0.01	0	0.003	0.003	7.47	6.24	5.45	4.64	3.61	2.49
1.87	3.83	4.77	3.67	3.47	1.08	7.83	6.59	5.77	4.92	3.84	2.64	1.52	0.74	0.31	0.11	0.04	0.01	0	0.003	0.002	7.52	6.29	5.49	4.68	3.64	2.51
1.77	3.84	4.77	3.68	3.44	1.08	7.8	6.57	5.76	4.91	3.83	2.63	1.52	0.74	0.31	0.11	0.04	0.01	0	0.003	0.002	7.56	6.33	5.53	4.71	3.67	2.53
1.55	3.83	4.77	3.68	3.45	1.07	7.77	6.55	5.74	4.9	3.83	2.63	1.52	0.74	0.31	0.11	0.03	0.01	0	0.003	0.001	7.6	6.37	5.57	4.75	3.7	2.55
2.03	3.83	4.77	3.7	3.45	1.07	7.74	6.53	5.73	4.9	3.82	2.63	1.52	0.74	0.31	0.11	0.03	0.01	0	0.003	0.001	7.64	6.41	5.61	4.78	3.73	2.56
1.83	3.83	4.78	3.65	3.44	1.07	7.71	6.5	5.71	4.88	3.82	2.62	1.51	0.74	0.31	0.11	0.03		0	0.003	0	7.67	6.44	5.64	4.81	3.75	2.58
2.1	3.83	4.78	3.66	3.44	1.07	7.67	6.48	5.69	4.87	3.81	2.62	1.51	0.73	0.31	0.11	0.03		0	0.003	0	7.69	6.46	5.66	4.84	3.77	2.59
2.28	3.83	4.77	3.69	3.47	1.06	7.63	6.45	5.67	4.85	3.79	2.61	1.51	0.73	0.31	0.11	0.03		0	0.003	0	7.69	6.47	5.68	4.85	3.78	2.6
1.88	3.83	4.75	3.7	3.46	1.06	7.58	6.41	5.65	4.83	3.78	2.6	1.5	0.73	0.31	0.11	0.03		0.001	0.003	0	7.68	6.47	5.68	4.85	3.78	2.6
0.54	3.83	4.76	3.66	3.45	1.06	7.53	6.38	5.62	4.81	3.76	2.59	1.5	0.73	0.32	0.12	0.03		0.001	0.003	0	7.66	6.46	5.68	4.85	3.78	2.6
2.14	3.81	4.77	3.67	3.43	1.05	7.47	6.34	5.59	4.79	3.74	2.58	1.49	0.73	0.32	0.12	0.03		0.001	0.003	0.001	7.63	6.45	5.67	4.84	3.78	2.6
2.07	3.8	4.75	3.66	3.44	1.05	7.42	6.31	5.56	4.76	3.73	2.57	1.49	0.73	0.32	0.12	0.03		0.002	0.003	0.001	7.59	6.42	5.65	4.83	3.77	2.59
1.75	3.8	4.78	3.64	3.43	1.04	7.36	6.27	5.53	4.74	3.71	2.57	1.49	0.74	0.32	0.12	0.03		0.002	0.003	0.001	7.54	6.4	5.63	4.82	3.76	2.59
1.81	3.8	4.76	3.65	3.46	1.04	7.31	6.24	5.51	4.73	3.7	2.56	1.49	0.74	0.33	0.13	0.04		0.002	0.003	0.001	7.49	6.37	5.61	4.81	3.75	2.59
1.76	3.81	4.76	3.63	3.48	1.04	7.26	6.21	5.49	4.71	3.69	2.56	1.49	0.74	0.33	0.13	0.04		0.002	0.003	0.001	7.44	6.35	5.59	4.79	3.74	2.58
1.75	3.79	4.76	3.63	3.46	1.03	7.22	6.19	5.47	4.7	3.69	2.55	1.49	0.75	0.33	0.13	0.04		0.002	0.004	0.001	7.4	6.32	5.57	4.78	3.73	2.58
1.69	3.8	4.74	3.67	3.44	1.03	7.18	6.17	5.46	4.69	3.68	2.55	1.49	0.75	0.34	0.13	0.04		0.001	0.004	0.001	7.35	6.3	5.56	4.77	3.72	2.58
1.88	3.81	4.75	3.67	3.43	1.03	7.15	6.16	5.45	4.69	3.67	2.55	1.49	0.76	0.34	0.13	0.04		0.001	0.004	0.001	7.31	6.28	5.54	4.76	3.72	2.57
1.68	3.82	4.75	3.65	3.43	1.03	7.13	6.15	5.44	4.68	3.67	2.55	1.5	0.76	0.34	0.13	0.04		0.001	0.004	0.001	7.28	6.26	5.53	4.75	3.71	2.57
1.67	3.81	4.74	3.63	3.41	1.03	7.12	6.15	5.44	4.68	3.67	2.55	1.51	0.77	0.35	0.14	0.04		0.001	0.004	0.001	7.26	6.25	5.52	4.74	3.7	2.57
1.68	3.8	4.75	3.65	3.41	1.03	7.12	6.16	5.45	4.68	3.67	2.56	1.52	0.78	0.35	0.14	0.04		0.001	0.004	0	7.25	6.25	5.52	4.73	3.7	2.57
1.99	3.8	4.74	3.66	3.44	1.03	7.13	6.16	5.45	4.68	3.67	2.56	1.52	0.79	0.36	0.14	0.04		0.001	0.005	0	7.24	6.25	5.52	4.73	3.7	2.57
1.94	3.8	4.77	3.66	3.45	1.03	7.14	6.18	5.46	4.68	3.68	2.57	1.54	0.8	0.36	0.14	0.04		0.001	0.005	-0.001	7.25	6.25	5.52	4.73	3.7	2.58
2.13	3.82	4.76	3.65	3.45	1.03	7.15	6.19	5.47	4.69	3.68	2.57	1.55	0.81	0.37	0.14	0.04		0.001	0.005	-0.001	7.25	6.26	5.52	4.72	3.7	2.58
2	3.81	4.77	3.63	3.46	1.03	7.16	6.2	5.48	4.69	3.69	2.58	1.56	0.82	0.37	0.14	0.04		0.001	0.005	-0.002	7.25	6.26	5.52	4.73	3.7	2.59
1.91	3.78	4.77	3.68	3.47	1.04	7.17	6.21	5.49	4.7	3.7	2.6	1.57	0.83	0.38	0.14	0.04		0.001	0.004	-0.002	7.26	6.27	5.53	4.73	3.71	2.6
1.98	3.82	4.74	3.67	3.46	1.04	7.18	6.22	5.5	4.71	3.71	2.61	1.59	0.84	0.38	0.14	0.04		0	0.004	-0.002	7.26	6.28	5.54	4.74	3.72	2.61
2.13	3.82	4.73	3.69	3.46	1.04	7.19	6.24	5.51	4.73	3.72	2.62	1.6	0.85	0.39	0.14	0.04		0	0.003	-0.001	7.27	6.29	5.55	4.75	3.73	2.63
1.86	3.83	4.76	3.66	3.41	1.04	7.19	6.25	5.53	4.75	3.74	2.64	1.62	0.86	0.39	0.14	0.04		0	0.003	0	7.28	6.31	5.56	4.77	3.75	2.64
1.9	3.82	4.72	3.68	3.43	1.05	7.2	6.27	5.55	4.76	3.76	2.66	1.63	0.87	0.4	0.14	0.04		0	0.002	0.001	7.29	6.33	5.58	4.79	3.77	2.66
1.76	3.82	4.75	3.66	3.43	1.05	7.21	6.29	5.56	4.78	3.78	2.67	1.64	0.88	0.4	0.14	0.03		0.001	0.002	0.001	7.3	6.35	5.6	4.81	3.79	2.68
1.5	3.83	4.75	3.67	3.43	1.05	7.22	6.3	5.58	4.8	3.79	2.68	1.65	0.88	0.4	0.14	0.03		0.001	0.001	0.002	7.32	6.37	5.62	4.83	3.8	2.69
1.94	3.82	4.76	3.67	3.41	1.05	7.22	6.31	5.58	4.8	3.79	2.69	1.66	0.89	0.4	0.14	0.03		0.001	0.001	0.002	7.32	6.38	5.64	4.84	3.81	2.69
2.25	3.84	4.76	3.69	3.43	1.05	7.21	6.31	5.58	4.8	3.79	2.69	1.66	0.89	0.4	0.14	0.03		0.001	0.001	0.002	7.33	6.39	5.64	4.84	3.81	2.7
2.13	3.82	4.75	3.71	3.46	1.05	7.19	6.29	5.57	4.79	3.78	2.68	1.66	0.89	0.4	0.14	0.03		0.002	0.001	0.002	7.33	6.39	5.64	4.84	3.81	2.7
2.27	3.82	4.76	3.69	3.42	1.05	7.17	6.28	5.55	4.77	3.76	2.67	1.66	0.89	0.4	0.14	0.03		0.002	0.001	0.002	7.32	6.39	5.64	4.83	3.8	2.69
2.08	3.81	4.76	3.71	3.44	1.05	7.15	6.25	5.53	4.74	3.74	2.66	1.65	0.89	0.4	0.14	0.03		0.002	0.001	0.002	7.32	6.38	5.63	4.82	3.79	2.68
1.64	3.79	4.74	3.68	3.41	1.04	7.14	6.24	5.51	4.72	3.72	2.64	1.64	0.88	0.4	0.13	0.03		0.002	0.001	0.002	7.33	6.38	5.63	4.81	3.78	2.68
1.83	3.79	4.76	3.7	3.45	1.04	7.14	6.23	5.5	4.7	3.7	2.63	1.63	0.87	0.39	0.13	0.03		0.002	0.001	0.002	7.34	6.39	5.63	4.81	3.77	2.67
2.18	3.83	4.73	3.75	3.57	1.04	7.15	6.23	5.5	4.69	3.69	2.62	1.62	0.87	0.38	0.13	0.03		0.002	0.001	0.002	7.38	6.41	5.64	4.81	3.77	2.67
1.88	3.8	4.77	3.67	3.47	1.04	7.17	6.23	5.5	4.69	3.68	2.61	1.61	0.86	0.38	0.13	0.03		0.002	0.001	0.002	7.42	6.44	5.67	4.82	3.77	2.67
2.38	3.82	4.77	3.64	3.45	1.04	7.19	6.25	5.51	4.69	3.68	2.6	1.6	0.84	0.37	0.13	0.03		0.001	0.001	0.001	7.48	6.48	5.69	4.84	3.78	2.67
2.25	3.82	4.75	3.65	3.46	1.04	7.22	6.26	5.52	4.69	3.67	2.6	1.59	0.83	0.36	0.12	0.03		0.001	0	0.001	7.53	6.52	5.73	4.86	3.79	2.67
2.22	3.81	4.76	3.69	3.44	1.04	7.24	6.27	5.52	4.69	3.67	2.59	1.58	0.82	0.35	0.12	0.03		0.001	0	0	7.58	6.55	5.75	4.88	3.8	2.67
1.95	3.84	4.76	3.68	3.43	1.04	7.24	6.28	5.52	4.69	3.67	2.58	1.56	0.8	0.34	0.12	0.03		0	0.001	0	7.61	6.58	5.77	4.89	3.81	2.66
1.84	3.82	4.75	3.69	3.41	1.04	7.24	6.27	5.52	4.69	3.66	2.56	1.54	0.79	0.33	0.12	0.03	0.009	0	0.001	0	7.63	6.59	5.78	4.9	3.81	2.66
1.96	3.83	4.74	3.69	3.43	1.04	7.22	6.26	5.5	4.68	3.65	2.55	1.53	0.77	0.32	0.11	0.03	0.009	0	0.002	0	7.63	6.6	5.79	4.91	3.81	2.65
1.52	3.81	4.76	3.7																							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6	
2.09	3.81	4.77	3.62	3.45	1.02	6.62	5.08	3.96	2.92	1.96	1.24	0.74	0.42	0.23	0.11	0.03		0	0.001	0.004	6.87	5.25	4.08	3	2.01	1.26	
1.9	3.81	4.78	3.64	3.45	1.03	6.59	5	3.86	2.83	1.9	1.2	0.72	0.42	0.23	0.11	0.03		0	0	0.003	6.84	5.17	3.97	2.9	1.94	1.23	
2.09	3.83	4.77	3.67	3.45	1.03	6.55	4.93	3.77	2.74	1.84	1.17	0.72	0.42	0.23	0.11	0.03			0	0.003	6.81	5.09	3.88	2.81	1.88	1.2	
2.04	3.81	4.77	3.64	3.42	1.03	6.52	4.85	3.68	2.66	1.78	1.15	0.71	0.42	0.23	0.11	0.03			0	0.003	6.77	5.02	3.79	2.73	1.82	1.17	
2.02	3.84	4.75	3.63	3.47	1.03	6.47	4.79	3.6	2.59	1.74	1.13	0.7	0.42	0.23	0.11	0.04			0	0.003	6.73	4.95	3.7	2.66	1.77	1.15	
1.83	3.83	4.75	3.67	3.45	1.03	6.43	4.72	3.52	2.53	1.69	1.11	0.7	0.42	0.23	0.11	0.04	0.01	0	0	0.002	6.69	4.89	3.63	2.6	1.73	1.13	
1.43	3.82	4.76	3.65	3.45	1.03	6.38	4.66	3.45	2.47	1.66	1.09	0.7	0.42	0.24	0.12	0.04	0.01	0	0	0.002	6.64	4.83	3.56	2.54	1.7	1.12	
1.64	3.82	4.73	3.65	3.41	1.03	6.32	4.6	3.39	2.42	1.63	1.08	0.7	0.43	0.24	0.12	0.04	0.01	0	0.001	0.002	6.6	4.77	3.5	2.49	1.67	1.11	
2	3.83	4.75	3.67	3.41	1.03	6.27	4.54	3.34	2.39	1.61	1.08	0.7	0.43	0.24	0.12	0.04	0.01	0	0.001	0.002	6.56	4.72	3.46	2.46	1.65	1.1	
1.61	3.82	4.76	3.66	3.4	1.03	6.22	4.49	3.3	2.36	1.6	1.07	0.7	0.43	0.25	0.12	0.04	0.01	0	0.001	0.002	6.52	4.68	3.42	2.43	1.64	1.1	
1.91	3.81	4.76	3.68	3.41	1.03	6.18	4.45	3.27	2.34	1.59	1.08	0.71	0.44	0.25	0.12	0.05	0.01		0	0.001	0.002	6.49	4.65	3.4	2.42	1.64	1.1
1.94	3.81	4.77	3.64	3.45	1.03	6.15	4.42	3.25	2.33	1.6	1.08	0.71	0.44	0.25	0.12	0.05	0.01	0.001	0.001	0.001	6.48	4.63	3.39	2.42	1.65	1.11	
1.9	3.81	4.74	3.65	3.46	1.02	6.13	4.4	3.25	2.34	1.61	1.1	0.72	0.45	0.26	0.13	0.05	0.01	0.001	0.001	0.001	6.49	4.63	3.39	2.43	1.66	1.13	
1.94	3.84	4.77	3.68	3.43	1.02	6.13	4.4	3.25	2.35	1.62	1.11	0.73	0.46	0.26	0.13	0.05	0.01	0.002	0.001	0.001	6.51	4.63	3.41	2.45	1.69	1.15	
1.65	3.84	4.74	3.66	3.42	1.02	6.14	4.4	3.27	2.37	1.65	1.13	0.75	0.46	0.26	0.13	0.05	0.01	0.003	0.001	0	6.54	4.66	3.44	2.48	1.72	1.17	
1.89	3.82	4.76	3.64	3.43	1.02	6.16	4.42	3.3	2.41	1.68	1.16	0.76	0.47	0.27	0.13	0.05	0.01	0.003	0.001	-0.001	6.59	4.69	3.48	2.52	1.75	1.2	
1.93	3.81	4.73	3.67	3.39	0.93	7.03	5.18	3.65	2.3	1.21	0.57	0.25	0.11	0.04	0.01	0.01		0.003	0.002	0.001	6.36	4.62	3.25	2.06	1.1	0.53	
1.59	3.79	4.73	3.69	3.4	0.93	7.01	5.13	3.59	2.25	1.18	0.56	0.25	0.11	0.05	0.02	0.01		0.003	0.003	0	6.31	4.55	3.18	2.01	1.07	0.51	
1.01	3.8	4.73	3.7	3.37	0.93	6.99	5.08	3.54	2.2	1.15	0.55	0.25	0.11	0.05	0.02	0.01		0.003	0.003	0	6.26	4.48	3.12	1.96	1.04	0.5	
1.78	3.87	4.74	3.68	3.42	0.94	6.97	5.03	3.49	2.16	1.13	0.54	0.25	0.11	0.05	0.02	0.01		0.003	0.004	0	6.22	4.43	3.07	1.92	1.02	0.5	
1.49	3.84	4.76	3.65	3.45	0.94	6.98	5	3.45	2.12	1.11	0.53	0.25	0.12	0.05	0.02	0.01		0.003	0.004	0.001	6.2	4.38	3.02	1.88	1	0.49	
2.01	3.8	4.74	3.66	3.4	0.95	7.02	4.99	3.42	2.1	1.09	0.52	0.25	0.11	0.05	0.02	0.01		0.003	0.004	0.001	6.22	4.35	2.99	1.85	0.98	0.48	
1.85	3.83	4.74	3.7	3.42	0.95	7.08	4.99	3.4	2.08	1.08	0.52	0.24	0.11	0.05	0.02	0.01		0.003	0.005	0.001	6.25	4.34	2.97	1.84	0.97	0.48	
1.95	3.81	4.74	3.68	3.43	0.96	7.16	5.01	3.4	2.07	1.08	0.52	0.24	0.11	0.05	0.02	0.01		0.003	0.005	0.001	6.31	4.35	2.96	1.82	0.96	0.47	
2.08	3.82	4.75	3.66	3.42	0.96	7.24	5.04	3.41	2.07	1.07	0.51	0.24	0.11	0.05	0.01	0.008		0.003	0.004	0.002	6.36	4.36	2.95	1.82	0.96	0.47	
2.17	3.8	4.72	3.68	3.4	0.96	7.32	5.07	3.42	2.08	1.07	0.51	0.23	0.11	0.04	0.01	0.006		0.003	0.004	0.002	6.42	4.37	2.96	1.82	0.96	0.47	
1.83	3.81	4.72	3.68	3.42	0.96	7.39	5.09	3.43	2.08	1.08	0.51	0.23	0.1	0.04	0.01	0.005		0.003	0.004	0.002	6.47	4.38	2.96	1.82	0.96	0.47	
1.68	3.83	4.72	3.68	3.4	0.97	7.46	5.12	3.44	2.09	1.08	0.51	0.23	0.1	0.04	0.01	0.003		0.003	0.003	0.002	6.51	4.4	2.97	1.83	0.96	0.47	
2.05	3.83	4.75	3.71	3.41	0.98	7.51	5.14	3.46	2.11	1.09	0.51	0.23	0.1	0.03	0.01	0.002		0.003	0.003	0.002	6.56	4.41	2.98	1.84	0.97	0.47	
1.6	3.8	4.75	3.72	3.4	0.98	7.56	5.15	3.47	2.12	1.1	0.52	0.23	0.1	0.03	0.01	0.002		0.003	0.003	0.002	6.6	4.43	3	1.85	0.98	0.47	
1.76	3.81	4.68	3.74	3.41	1	7.6	5.17	3.49	2.13	1.11	0.52	0.23	0.1	0.03	0.009	0.001		0.002	0.003	0.002	6.65	4.46	3.02	1.87	0.99	0.48	
1.76	3.82	4.74	3.7	3.43	1.01	7.64	5.19	3.51	2.15	1.12	0.53	0.23	0.1	0.03	0.007	0		0.002	0.003	0.003	6.71	4.49	3.04	1.88	1	0.48	
1.68	3.8	4.74	3.69	3.42	1.02	7.68	5.22	3.52	2.16	1.13	0.53	0.23	0.09	0.03		0		0.002	0.003	0.003	6.77	4.52	3.06	1.9	1.01	0.49	
1.84	3.83	4.76	3.71	3.42	1.03	7.7	5.23	3.54	2.18	1.14	0.53	0.23	0.09	0.03		0.001		0.002	0.003	0.003	6.83	4.56	3.09	1.92	1.02	0.49	
1.88	3.82	4.74	3.7	3.44	1.04	7.71	5.24	3.54	2.19	1.14	0.54	0.23	0.09	0.03		0.001		0.002	0.003	0.003	6.87	4.6	3.12	1.94	1.04	0.5	
1.9	3.84	4.73	3.73	3.46	1.04	7.69	5.23	3.55	2.19	1.15	0.54	0.23	0.09	0.03		0.002		0.002	0.002	0.002	6.9	4.62	3.14	1.96	1.05	0.5	
1.91	3.86	4.76	3.71	3.44	1.05	7.65	5.21	3.54	2.2	1.16	0.54	0.23	0.09	0.03		0.002		0.002	0.003	0.002	6.91	4.64	3.15	1.98	1.05	0.5	
1.43	3.84	4.73	3.71	3.43	1.05	7.58	5.18	3.53	2.2	1.16	0.54	0.23	0.09	0.03		0.001		0.002	0.003	0.001	6.9	4.64	3.16	1.99	1.06	0.51	
1.58	3.85	4.72	3.7	3.44	1.05	7.5	5.13	3.5	2.19	1.16	0.55	0.23	0.09	0.03	0.01	0.001		0.002	0.003	0.001	6.87	4.63	3.17	2	1.07	0.51	
1.62	3.86	4.74	3.69	3.41	1.05	7.41	5.08	3.48	2.18	1.16	0.55	0.23	0.09	0.03	0.01	0.002		0.002	0.003	0	6.84	4.62	3.17	2	1.08	0.52	
1.67	3.86	4.73	3.73	3.44	1.05	7.33	5.02	3.46	2.18	1.16	0.55	0.24	0.09	0.03	0.01			0.002	0.004	0	6.81	4.61	3.17	2.01	1.09	0.52	
1.73	3.83	4.73	3.71	3.43	1.05	7.25	4.98	3.43	2.17	1.17	0.55	0.24	0.09	0.03	0.01			0.002	0.004	0	6.79	4.61	3.18	2.02	1.1	0.53	
2.09	3.8	4.71	3.71	3.44	1.05	7.19	4.94	3.42	2.17	1.17	0.56	0.24	0.09	0.04	0.01			0.002	0.004	0	6.79	4.61	3.19	2.03	1.11	0.53	
1.5	3.81	4.73	3.73	3.43	1.05	7.14	4.92	3.41	2.17	1.18	0.56	0.24	0.1	0.04	0.01			0.003	0.004	0	6.8	4.63	3.21	2.05	1.12	0.54	
1.8	3.82	4.73	3.71	3.43	1.04	7.11	4.91	3.41	2.18	1.19	0.57	0.25	0.1	0.04	0.01			0.003	0.004	0	6.83	4.66	3.23	2.07	1.13	0.55	
1.78	3.82	4.72	3.69	3.41	1.04	7.09	4.91	3.42	2.19	1.2	0.58	0.25	0.1	0.03	0.01			0.003	0.004	0	6.87	4.7	3.26	2.09	1.15	0.56	
1.89	3.81	4.73	3.71	3.44	1.04	7.07	4.92	3.43	2.2	1.21	0.59	0.25	0.1	0.03	0.01			0.004	0.004	0	6.91	4.75	3.3	2.12	1.17	0.57	
1.68	3.84	4.71	3.71	3.46	1.04	7.06	4.93	3.44	2.22	1.22	0.6	0.25	0.1	0.03	0.01			0.005	0.004	0	6.95	4.8	3.34	2.15	1.19	0.58	
1.79	3.81	4.74	3.72	3.44	1.03	7.04	4.94	3.46	2.24	1.24	0.61	0.26	0.1	0.03	0.01			0.005	0.004	0	6.99	4.85	3.38	2.19	1.21	0.6	
2.2	3.86	4.74	3.72	3.48	1.03	7.02	4.95	3.48	2.26	1.25	0.62	0.26	0.1	0.03	0.01			0.006	0.004	0	7.02	4.9	3.43	2.22	1.24	0.61	
2.03	3.88	4.74	3.74	3.54	1.03	7	4.97	3.51	2.29	1.28	0.63	0.27	0.1	0.03	0.01												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6	
1.7	3.8	4.73	3.67	3.39	1.01	6.45	5.31	4.35	3.34	2.22	1.24	0.56	0.2	0.06	0.01				0.004	0.002	0.001	7.32	6.01	4.9	3.73	2.45	1.35
1.83	3.8	4.72	3.67	3.39	1.01	6.43	5.29	4.33	3.33	2.22	1.25	0.56	0.21	0.06	0.01				0.004	0.002	0.001	7.32	6	4.89	3.73	2.46	1.36
1.67	3.8	4.75	3.69	3.38	1.02	6.4	5.26	4.31	3.31	2.21	1.24	0.56	0.21	0.06	0.01				0.004	0.002	0.001	7.3	5.98	4.87	3.72	2.45	1.36
1.93	3.8	4.74	3.68	3.42	1.02	6.36	5.23	4.28	3.29	2.2	1.24	0.56	0.21	0.06	0.01				0.004	0.002	0.001	7.28	5.95	4.85	3.7	2.44	1.36
2.26	3.82	4.75	3.65	3.41	1.02	6.33	5.2	4.25	3.27	2.18	1.24	0.57	0.21	0.07	0.01				0.003	0.002	0	7.25	5.93	4.83	3.68	2.43	1.35
2.02	3.8	4.73	3.66	3.4	1.02	6.3	5.17	4.23	3.25	2.17	1.23	0.57	0.22	0.07	0.02	0.002			0.003	0.002	0	7.23	5.9	4.81	3.66	2.41	1.35
1.82	3.79	4.73	3.7	3.4	1.02	6.28	5.15	4.21	3.23	2.16	1.23	0.57	0.22	0.07	0.02	0.002			0.003	0.002	0	7.21	5.89	4.8	3.65	2.41	1.35
1.9	3.81	4.71	3.67	3.4	1.02	6.26	5.14	4.21	3.23	2.16	1.23	0.57	0.22	0.07	0.02	0.002			0.002	0.002	0	7.2	5.88	4.79	3.65	2.4	1.35
1.98	3.79	4.7	3.68	3.39	1.01	6.25	5.14	4.22	3.23	2.16	1.23	0.58	0.23	0.08	0.02	0.002			0.002	0.002	0	7.19	5.89	4.8	3.66	2.41	1.35
1.66	3.8	4.69	3.65	3.39	1.01	6.26	5.16	4.23	3.25	2.17	1.24	0.58	0.23	0.08	0.02	0.002			0.002	0.002	0	7.19	5.91	4.83	3.67	2.42	1.36
1.37	3.79	4.73	3.67	3.39	1.01	6.26	5.19	4.26	3.27	2.19	1.25	0.59	0.23	0.08	0.02	0.003			0.002	0.002	0.001	7.2	5.94	4.86	3.7	2.44	1.37
1.96	3.8	4.68	3.69	3.35	1	6.27	5.22	4.29	3.3	2.21	1.27	0.6	0.24	0.08	0.02	0.003			0.002	0.002	0.001	7.21	5.97	4.89	3.73	2.47	1.39
2.05	3.78	4.71	3.68	3.38	1	6.29	5.25	4.32	3.33	2.24	1.28	0.61	0.24	0.08	0.02	0.004			0.002	0.002	0.001	7.22	6	4.92	3.76	2.49	1.41
1.77	3.78	4.7	3.7	3.37	0.99	6.3	5.27	4.35	3.37	2.26	1.3	0.62	0.24	0.08	0.02	0.005			0.002	0.002	0.002	7.22	6.03	4.95	3.8	2.52	1.42
1.97	3.78	4.71	3.68	3.37	0.99	6.31	5.29	4.38	3.39	2.29	1.32	0.63	0.25	0.08	0.02	0.005			0.003	0.002	0.002	7.22	6.04	4.97	3.82	2.54	1.44
2.05	3.8	4.73	3.68	3.38	0.99	6.31	5.31	4.4	3.42	2.31	1.33	0.64	0.25	0.08	0.02				0.003	0.002	0.003	7.2	6.04	4.98	3.84	2.57	1.46
2.06	3.81	4.71	3.67	3.39	0.98	6.31	5.32	4.42	3.44	2.33	1.35	0.64	0.26	0.08	0.02				0.003	0.002	0.003	7.18	6.04	4.99	3.86	2.58	1.47
1.79	3.78	4.71	3.7	3.39	0.98	6.31	5.33	4.43	3.46	2.35	1.36	0.65	0.26	0.08	0.02				0.004	0.001	0.003	7.17	6.03	5	3.87	2.6	1.49
1.86	3.78	4.68	3.69	3.4	0.98	6.32	5.34	4.45	3.47	2.37	1.38	0.66	0.26	0.08	0.02				0.004	0.001	0.004	7.15	6.03	5	3.88	2.61	1.5
2.4	3.79	4.71	3.62	3.38	0.98	6.33	5.35	4.47	3.49	2.38	1.39	0.66	0.26	0.08	0.02				0.004	0.001	0.004	7.14	6.03	5.01	3.88	2.62	1.5
2.22	3.81	4.7	3.68	3.38	0.98	6.35	5.37	4.49	3.5	2.39	1.39	0.66	0.26	0.08	0.02				0.004	0.001	0.004	7.14	6.03	5.01	3.89	2.63	1.51
2.08	3.8	4.72	3.7	3.37	0.98	6.37	5.4	4.5	3.52	2.4	1.4	0.67	0.26	0.08	0.02				0.005	0.001	0.004	7.14	6.03	5.02	3.89	2.63	1.51
2.04	3.8	4.71	3.67	3.35	0.98	6.4	5.42	4.52	3.53	2.41	1.4	0.67	0.26	0.08	0.02				0.005	0.001	0.004	7.15	6.04	5.02	3.89	2.63	1.51
2.11	3.79	4.72	3.64	3.39	0.97	6.43	5.43	4.53	3.53	2.41	1.4	0.66	0.25	0.08	0.02				0.005	0.001	0.004	7.16	6.03	5.01	3.88	2.62	1.5
1.99	3.8	4.72	3.67	3.36	0.97	6.45	5.44	4.53	3.53	2.4	1.4	0.66	0.25	0.08	0.02				0.005	0.001	0.003	7.17	6.02	5	3.86	2.61	1.49
2.01	3.78	4.71	3.65	3.39	0.97	6.47	5.44	4.53	3.52	2.39	1.39	0.66	0.25	0.08	0.02				0.005	0.001	0.003	7.16	6	4.98	3.84	2.59	1.48
2.18	3.8	4.71	3.67	3.37	0.97	6.48	5.43	4.52	3.5	2.37	1.37	0.65	0.25	0.08	0.02				0.004	0.001	0.002	7.15	5.98	4.95	3.81	2.56	1.46
2.11	3.77	4.7	3.71	3.35	0.97	6.49	5.42	4.5	3.48	2.35	1.36	0.64	0.24	0.08	0.02				0.004	0	0.002	7.14	5.95	4.92	3.78	2.53	1.44
1.14	3.78	4.68	3.68	3.37	0.97	6.49	5.41	4.48	3.45	2.32	1.33	0.63	0.24	0.08	0.02				0.003	0	0.002	7.12	5.92	4.88	3.74	2.49	1.42
1.81	3.78	4.72	3.68	3.39	0.97	6.49	5.4	4.45	3.42	2.29	1.31	0.61	0.24	0.08	0.02				0.003	0	0.002	7.1	5.89	4.84	3.7	2.45	1.39
1.73	3.77	4.73	3.68	3.37	0.97	6.5	5.39	4.43	3.39	2.26	1.28	0.6	0.23	0.07	0.02				0.003	0	0.001	7.09	5.86	4.8	3.65	2.41	1.35
1.97	3.77	4.7	3.69	3.39	0.97	6.5	5.38	4.4	3.36	2.22	1.25	0.58	0.22	0.07	0.02				0.002	0	0.001	7.08	5.83	4.75	3.6	2.36	1.32
1.97	3.77	4.72	3.68	3.36	0.97	6.51	5.37	4.38	3.32	2.18	1.23	0.57	0.22	0.07	0.02	0.003				0	0.001	7.07	5.81	4.71	3.55	2.32	1.29
2.27	3.79	4.71	3.66	3.38	0.97	6.52	5.36	4.35	3.29	2.14	1.2	0.55	0.21	0.07	0.02	0.004				0	0.001	7.05	5.78	4.67	3.5	2.27	1.25
2.15	3.78	4.72	3.7	3.38	0.97	6.53	5.35	4.32	3.25	2.11	1.17	0.54	0.21	0.07	0.02	0.004				0	0.001	7.04	5.75	4.62	3.45	2.22	1.22
1.94	3.78	4.71	3.7	3.37	0.97	6.54	5.34	4.29	3.22	2.07	1.14	0.52	0.2	0.07	0.02	0.005				0	0.001	7.03	5.72	4.58	3.41	2.18	1.19
1.78	3.76	4.7	3.71	3.38	0.97	6.56	5.33	4.27	3.19	2.04	1.11	0.51	0.2	0.07	0.02	0.006		0.001		0	0.001	7.03	5.69	4.54	3.36	2.14	1.16
2.11	3.78	4.7	3.68	3.39	0.98	6.58	5.33	4.26	3.16	2.01	1.09	0.5	0.2	0.07	0.02	0.007		0.001		0	0.001	7.02	5.66	4.5	3.33	2.1	1.13
2.09	3.78	4.73	3.67	3.39	0.98	6.61	5.34	4.25	3.15	1.99	1.07	0.49	0.19	0.07	0.02	0.008		0.001		0	0.001	7.03	5.65	4.48	3.3	2.07	1.11
1.68	3.78	4.72	3.65	3.36	0.98	6.65	5.35	4.26	3.14	1.98	1.06	0.48	0.19	0.07	0.02	0.008		0.001		0	0.001	7.05	5.65	4.47	3.28	2.05	1.09
1.8	3.8	4.72	3.68	3.34	0.98	6.7	5.39	4.28	3.15	1.97	1.05	0.47	0.19	0.07	0.02	0.008		0.001		0	0.001	7.06	5.65	4.47	3.27	2.04	1.07
1.83	3.8	4.72	3.68	3.38	0.98	6.75	5.43	4.3	3.16	1.97	1.04	0.47	0.19	0.07	0.02	0.008		0.001		0	0.001	7.08	5.67	4.48	3.27	2.03	1.06
1.07	3.8	4.7	3.67	3.4	0.98	6.81	5.47	4.34	3.18	1.97	1.04	0.46	0.18	0.07	0.02	0.008		0.002		0	0.002	7.11	5.69	4.49	3.28	2.02	1.06
1.48	3.78	4.73	3.69	3.41	0.98	6.86	5.52	4.37	3.2	1.98	1.03	0.46	0.18	0.07	0.02	0.008		0.002	0.001	0.002	7.12	5.71	4.5	3.28	2.02	1.05	
1.89	3.81	4.72	3.7	3.35	0.98	6.9	5.55	4.4	3.22	1.99	1.03	0.45	0.18	0.07	0.02	0.008		0.002	0.001	0.002	7.13	5.71	4.51	3.28	2.02	1.05	
1.8	3.8	4.72	3.67	3.38	0.98	6.92	5.57	4.41	3.23	1.99	1.03	0.45	0.18	0.07	0.02	0.008		0.001	0.001	0.003	7.12	5.71	4.5	3.28	2.01	1.04	
1.89	3.8	4.73	3.68	3.39	0.98	6.93	5.58	4.42	3.23	1.99	1.03	0.45	0.18	0.07	0.02				0.001	0.001	0.003	7.1	5.68	4.48	3.26	2	1.03
1.82	3.81	4.74	3.68	3.38	0.98	6.93	5.58	4.41	3.22	1.98	1.02	0.45	0.18	0.07	0.02				0.001	0.002	0.003	7.05	5.65	4.45	3.23	1.98	1.02
1.95	3.81	4.73	3.69	3.38	0.98	6.91	5.56	4.39	3.2	1.96	1.01	0.44	0.17	0.07	0.02				0.001	0.002	0.002	7	5.6	4.41	3.2	1.96	1.01
1.57	3.81	4.73	3.66	3.38	0.98	6.9	5.54	4.36	3.17	1.95	1	0.44	0.17	0.07	0.02	0.01			0.001	0.002	0.002	6.96	5.56	4.36	3.16	1.93	1
1.78	3.8	4.72	3.7																								

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.15	3.79	4.72	3.68	3.38	0.98	6.41	4.38	2.96	1.86	0.98	0.47	0.23	0.11	0.05	0.02	0.01		0.002	0.002	0.001	6.46	4.38	2.99	1.85	0.97	0.47
2.16	3.8	4.71	3.66	3.38	0.98	6.39	4.34	2.96	1.83	0.96	0.47	0.22	0.11	0.05	0.02	0.01		0.002	0.002	0.001	6.44	4.35	2.95	1.82	0.96	0.47
2.36	3.81	4.74	3.71	3.38	0.98	6.36	4.3	2.92	1.8	0.95	0.46	0.22	0.11	0.05	0.02	0.01		0.002	0.003	0.001	6.42	4.3	2.91	1.8	0.94	0.46
2.2	3.82	4.73	3.69	3.4	0.98	6.32	4.24	2.87	1.77	0.93	0.46	0.22	0.11	0.05	0.03	0.01		0.002	0.003	0.001	6.39	4.25	2.87	1.77	0.93	0.46
1.89	3.81	4.73	3.69	3.43	0.98	6.27	4.18	2.83	1.74	0.92	0.45	0.22	0.11	0.05	0.03	0.01		0.002	0.002	0.001	6.34	4.2	2.83	1.74	0.92	0.45
1.65	3.8	4.71	3.71	3.39	0.98	6.2	4.12	2.78	1.71	0.9	0.45	0.22	0.11	0.06	0.03	0.01		0.002	0.002	0.001	6.28	4.14	2.78	1.71	0.9	0.45
1.34	3.79	4.69	3.69	3.4	0.98	6.14	4.06	2.74	1.69	0.89	0.44	0.22	0.11	0.06	0.03	0.01		0.002	0.002	0.001	6.22	4.09	2.75	1.69	0.89	0.44
1.65	3.78	4.7	3.67	3.4	0.98	6.08	4.02	2.71	1.67	0.88	0.44	0.21	0.11	0.06	0.03	0.01		0.003	0.002	0.001	6.17	4.04	2.72	1.67	0.88	0.44
1.71	3.79	4.72	3.68	3.4	0.98	6.04	3.99	2.68	1.65	0.88	0.43	0.21	0.11	0.06	0.03	0.01		0.003	0.002	0.002	6.13	4.02	2.7	1.66	0.88	0.43
1.81	3.8	4.73	3.68	3.38	0.99	6.02	3.98	2.68	1.65	0.87	0.43	0.21	0.11	0.06	0.03	0.01		0.003	0.002	0.003	6.11	4.01	2.69	1.65	0.87	0.43
1.86	3.79	4.72	3.67	3.37	0.99	6.02	3.99	2.69	1.65	0.87	0.43	0.21	0.11	0.05	0.02	0.01		0.004	0.001	0.003	6.12	4.02	2.7	1.66	0.87	0.43
1.59	3.8	4.71	3.67	3.41	0.99	6.04	4.01	2.71	1.66	0.87	0.43	0.21	0.11	0.05	0.02	0.01		0.004	0.001	0.004	6.14	4.06	2.72	1.67	0.87	0.43
1.73	3.79	4.7	3.7	3.4	0.99	6.07	4.05	2.73	1.68	0.87	0.42	0.21	0.1	0.05	0.02	0.01		0.004	0.001	0.004	6.18	4.1	2.75	1.68	0.88	0.42
1.22	3.77	4.71	3.71	3.4	0.99	6.11	4.1	2.77	1.69	0.88	0.42	0.2	0.1	0.05	0.02	0.01		0.004	0.001	0.004	6.23	4.15	2.79	1.7	0.88	0.42
2.3	3.77	4.72	3.69	3.42	0.99	6.15	4.14	2.8	1.71	0.88	0.42	0.2	0.1	0.05	0.02	0.01		0.004	0	0.005	6.27	4.2	2.83	1.72	0.88	0.42
2.03	3.78	4.69	3.65	3.42	0.99	6.18	4.18	2.83	1.73	0.88	0.42	0.2	0.1	0.05	0.02	0.01		0.004	0	0.005	6.31	4.24	2.86	1.74	0.89	0.42
1.79	3.8	4.73	3.69	3.4	0.99	6.19	4.21	2.86	1.74	0.89	0.42	0.19	0.1	0.04	0.02	0.01			0	0.005	6.33	4.27	2.89	1.76	0.89	0.42
1.92	3.82	4.71	3.7	3.38	0.99	6.19	4.23	2.87	1.75	0.89	0.42	0.19	0.1	0.05	0.02	0.01			0	0.005	6.34	4.3	2.91	1.77	0.89	0.42
1.76	3.78	4.7	3.7	3.34	0.99	6.19	4.23	2.88	1.76	0.89	0.42	0.19	0.1	0.05	0.02	0.01			0.001	0.006	6.34	4.31	2.92	1.78	0.9	0.42
1.66	3.77	4.72	3.69	3.37	0.99	6.17	4.23	2.88	1.76	0.89	0.41	0.19	0.1	0.05	0.02	0.01			0.001	0.006	6.34	4.31	2.93	1.78	0.9	0.42
1.37	3.8	4.72	3.7	3.38	0.99	6.15	4.22	2.88	1.76	0.89	0.41	0.19	0.1	0.05	0.02	0.01			0.001	0.005	6.32	4.31	2.92	1.78	0.9	0.41
1.59	3.8	4.73	3.69	3.4	0.99	6.12	4.2	2.86	1.75	0.88	0.41	0.19	0.1	0.05	0.02	0.01			0.002	0.005	6.3	4.29	2.91	1.77	0.89	0.41
1.62	3.81	4.72	3.7	3.41	0.99	6.08	4.17	2.84	1.73	0.88	0.41	0.19	0.1	0.05	0.02	0.01			0.002	0.005	6.27	4.27	2.89	1.76	0.89	0.41
1.46	3.8	4.74	3.69	3.41	0.98	6.04	4.14	2.81	1.72	0.87	0.41	0.19	0.1	0.05	0.02	0.01			0.002	0.005	6.23	4.23	2.87	1.74	0.88	0.41
1.71	3.81	4.73	3.69	3.38	0.98	5.99	4.09	2.79	1.7	0.87	0.41	0.2	0.1	0.05	0.02	0.01			0.002	0.004	6.18	4.19	2.84	1.73	0.88	0.41
1.23	3.81	4.74	3.73	3.39	0.98	5.93	4.05	2.75	1.68	0.86	0.41	0.2	0.11	0.06	0.02	0.01			0.002	0.004	6.12	4.15	2.81	1.71	0.87	0.41
1.79	3.79	4.7	3.68	3.4	0.98	5.87	4.01	2.72	1.67	0.86	0.41	0.2	0.11	0.06	0.03	0.01			0.002	0.004	6.07	4.11	2.78	1.69	0.87	0.41
1.59	3.8	4.7	3.67	3.37	0.98	5.82	3.97	2.7	1.65	0.85	0.41	0.2	0.11	0.06	0.03	0.01			0.002	0.004	6.01	4.07	2.76	1.68	0.86	0.41
2.05	3.79	4.68	3.69	3.38	0.98	5.77	3.94	2.68	1.65	0.85	0.41	0.2	0.11	0.06	0.03	0.01			0.002	0.004	5.97	4.05	2.74	1.67	0.86	0.41
1.98	3.77	4.7	3.66	3.37	0.98	5.75	3.93	2.68	1.64	0.85	0.41	0.21	0.11	0.06	0.03	0.01			0.001	0.004	5.95	4.04	2.74	1.67	0.86	0.42
2.12	3.77	4.71	3.69	3.37	0.98	5.74	3.93	2.68	1.65	0.86	0.42	0.21	0.11	0.06	0.03	0.02			0.001	0.004	5.94	4.04	2.74	1.68	0.87	0.42
2.16	3.79	4.72	3.69	3.36	0.98	5.75	3.95	2.69	1.66	0.87	0.42	0.21	0.12	0.06	0.03	0.02			0.001	0.005	5.96	4.06	2.76	1.69	0.88	0.43
1.88	3.8	4.73	3.67	3.38	0.98	5.77	3.96	2.71	1.68	0.88	0.43	0.22	0.12	0.06	0.03	0.02			0	0.005	5.98	4.08	2.78	1.71	0.89	0.43
2.13	3.8	4.72	3.68	3.41	0.98	5.79	3.98	2.73	1.69	0.89	0.44	0.22	0.12	0.06	0.03	0.02		0.001	0	0.005	6.01	4.1	2.79	1.72	0.9	0.44
2.02	3.8	4.69	3.68	3.4	0.98	5.81	3.99	2.74	1.7	0.9	0.44	0.22	0.12	0.07	0.04	0.02		0	0	0.005	6.03	4.11	2.8	1.74	0.91	0.45
1.09	3.79	4.7	3.67	3.38	0.98	5.82	3.99	2.74	1.71	0.91	0.45	0.23	0.12	0.07	0.04	0.02		0	0.001	0.005	6.04	4.11	2.81	1.74	0.92	0.46
1.56	3.76	4.72	3.7	3.37	0.98	5.81	3.97	2.73	1.71	0.91	0.46	0.23	0.12	0.07	0.04	0.02		0	0.001	0.004	6.04	4.09	2.8	1.74	0.93	0.46
1.87	3.78	4.72	3.68	3.38	0.98	5.79	3.93	2.71	1.7	0.92	0.46	0.24	0.13	0.07	0.04	0.03		0	0.002	0.004	6.02	4.06	2.78	1.74	0.93	0.47
2.09	3.79	4.72	3.69	3.4	0.99	5.76	3.89	2.68	1.69	0.92	0.47	0.24	0.13	0.07	0.04	0.03		0.001	0.002	0.004	5.99	4.02	2.75	1.73	0.94	0.47
2.13	3.8	4.72	3.68	3.38	0.99	5.72	3.84	2.64	1.67	0.92	0.47	0.24	0.13	0.07	0.04	0.03		0.001	0.002	0.003	5.96	3.97	2.72	1.71	0.94	0.48
1.76	3.79	4.7	3.7	3.4	0.99	5.67	3.78	2.6	1.66	0.92	0.48	0.25	0.13	0.08	0.04	0.03		0.001	0.002	0.003	5.92	3.92	2.68	1.7	0.94	0.49
1.38	3.8	4.73	3.66	3.39	0.99	5.62	3.73	2.56	1.64	0.92	0.49	0.25	0.14	0.08	0.04	0.03		0.002	0.002	0.003	5.88	3.87	2.64	1.68	0.94	0.49
1.62	3.79	4.71	3.66	3.36	0.99	5.58	3.68	2.52	1.62	0.92	0.49	0.26	0.14	0.08	0.04	0.03		0.002	0.002	0.002	5.85	3.82	2.61	1.67	0.94	0.5
2.14	3.82	4.72	3.67	3.39	0.99	5.53	3.63	2.49	1.61	0.92	0.5	0.26	0.14	0.08	0.04	0.03		0.002	0.002	0.002	5.81	3.78	2.58	1.66	0.95	0.51
1.6	3.8	4.69	3.68	3.4	0.99	5.48	3.57	2.45	1.59	0.93	0.5	0.27	0.15	0.08	0.04	0.03		0.002	0.002	0.002	5.78	3.74	2.55	1.65	0.95	0.51
1.99	3.8	4.68	3.68	3.41	0.99	5.42	3.52	2.42	1.58	0.93	0.51	0.27	0.15	0.08	0.04	0.03		0.001	0.002	0.001	5.74	3.69	2.52	1.64	0.95	0.52
1.58	3.78	4.73	3.67	3.4	0.99	5.36	3.47	2.39	1.57	0.93	0.51	0.28	0.15	0.08	0.04	0.03		0.001	0.002	0.001	5.69	3.64	2.5	1.63	0.96	0.53
1.65	3.8	4.71	3.71	3.41	0.99	5.3	3.41	2.35	1.55	0.93	0.51	0.28	0.15	0.08	0.04	0.02		0	0.002	0	5.64	3.6	2.47	1.62	0.96	0.53
2.4	3.8	4.72	3.7	3.4	0.99	5.23	3.35	2.32	1.54	0.92	0.52	0.28	0.15	0.08	0.04	0.02	0.01	0.001	0.002	0	5.59	3.55	2.44	1.61	0.96	0.53
1.76	3.82	4.72	3.68	3.39	0.99	5.17	3.3	2.29	1.53	0.92	0.52	0.28	0.15	0.08	0.04	0.02	0.009	0.001	0.002	0	5.55	3.51	2.42	1.6	0.96	0.54
1.92	3.8	4.75	3.64	3.41	0.99	5.12	3.26	2.26	1.52	0.92	0.52	0.28	0.15													

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.08	3.8	4.71	3.68	3.36	1.02	4.39	2.64	1.88	1.35	0.92	0.59	0.35	0.19	0.1	0.04	0.02		0	0.003	-0.001	4.72	2.82	1.99	1.42	0.97	0.62
1.95	3.81	4.73	3.68	3.4	1.02	4.42	2.68	1.92	1.38	0.95	0.61	0.36	0.2	0.1	0.04	0.02	0.01	0.001	0.004	0	4.76	2.86	2.03	1.46	0.99	0.63
2.09	3.8	4.75	3.7	3.37	1.02	4.46	2.73	1.96	1.42	0.97	0.62	0.36	0.2	0.1	0.05	0.02	0.01	0.003	0.005	0.001	4.8	2.91	2.07	1.49	1.01	0.65
1.99	3.81	4.72	3.68	3.36	1.02	4.5	2.78	2	1.45	0.99	0.63	0.37	0.2	0.11	0.05	0.02	0.01	0.004	0.006	0.001	4.84	2.96	2.12	1.53	1.04	0.66
1.97	3.78	4.72	3.7	3.4	1.02	4.54	2.83	2.04	1.48	1.01	0.65	0.38	0.2	0.11	0.05	0.02	0.01	0.004	0.006	0.001	4.88	3.01	2.16	1.56	1.06	0.67
1.86	3.8	4.72	3.68	3.39	1.01	4.59	2.89	2.09	1.52	1.03	0.66	0.38	0.2	0.11	0.05	0.03	0.01	0.005	0.007	0.001	4.92	3.07	2.21	1.6	1.08	0.68
1.83	3.8	4.7	3.68	3.38	1.01	4.64	2.94	2.14	1.55	1.05	0.67	0.39	0.21	0.11	0.05	0.03	0.01	0.005	0.006	0.001	4.97	3.12	2.26	1.63	1.1	0.69
1.39	3.78	4.72	3.7	3.38	1	4.69	3	2.19	1.59	1.07	0.68	0.39	0.21	0.11	0.05	0.03	0.01	0.004	0.006	0.001	5.02	3.18	2.31	1.66	1.12	0.7
1.94	3.79	4.73	3.71	3.37	0.99	4.76	3.07	2.24	1.62	1.09	0.69	0.39	0.21	0.11	0.05	0.03	0.01	0.004	0.006	0	5.08	3.24	2.35	1.69	1.13	0.71
2	3.8	4.73	3.68	3.37	0.98	4.83	3.14	2.29	1.65	1.11	0.7	0.4	0.21	0.11	0.05	0.03	0.01	0.003	0.005	0	5.14	3.31	2.4	1.72	1.15	0.72
1.26	3.79	4.73	3.66	3.41	0.98	4.92	3.2	2.33	1.68	1.12	0.7	0.4	0.21	0.11	0.05	0.03	0.01	0.003	0.005	0	5.21	3.36	2.44	1.74	1.16	0.72
1.6	3.78	4.73	3.68	3.37	0.97	5	3.26	2.37	1.7	1.13	0.71	0.4	0.21	0.11	0.05	0.03	0.01	0.003	0.005	0	5.28	3.41	2.47	1.76	1.17	0.73
1.85	3.78	4.72	3.7	3.39	0.96	5.08	3.32	2.41	1.73	1.14	0.71	0.4	0.21	0.11	0.05	0.03	0.01	0.003	0.004	0	5.34	3.46	2.5	1.78	1.18	0.73
1.65	3.77	4.72	3.67	3.41	0.95	5.16	3.38	2.45	1.75	1.15	0.71	0.4	0.21	0.11	0.05	0.03	0.01	0.003	0.004	0	5.39	3.5	2.53	1.8	1.18	0.73
1.69	3.78	4.71	3.67	3.37	0.94	5.22	3.44	2.5	1.78	1.17	0.71	0.4	0.21	0.11	0.05	0.03	0.01	0.004	0.004	0	5.43	3.54	2.57	1.82	1.19	0.73
1.69	3.78	4.7	3.67	3.34	0.94	5.28	3.5	2.55	1.81	1.18	0.71	0.4	0.21	0.11	0.06	0.03	0.01	0.004	0.004	0	5.46	3.59	2.61	1.84	1.2	0.72
1.85	3.8	4.7	3.67	3.34	0.93	5.34	3.57	2.61	1.85	1.2	0.72	0.4	0.21	0.11	0.06	0.03	0.01	0.004	0.004	0	5.49	3.64	2.65	1.88	1.21	0.72
1.88	3.77	4.71	3.66	3.36	0.93	5.4	3.66	2.69	1.9	1.22	0.72	0.39	0.21	0.11	0.06	0.02	0.01	0.003	0.004	-0.001	5.52	3.71	2.72	1.92	1.23	0.72
2.06	3.77	4.7	3.68	3.37	0.93	5.46	3.76	2.78	1.97	1.24	0.72	0.39	0.21	0.11	0.06	0.02	0.01	0.002	0.003	-0.001	5.56	3.8	2.8	1.98	1.25	0.72
0.62	3.78	4.69	3.68	3.35	0.92	5.54	3.88	2.89	2.04	1.28	0.72	0.38	0.2	0.11	0.06	0.02	0.01	0.001	0.003	-0.001	5.61	3.91	2.9	2.05	1.28	0.72
1.51	3.76	4.72	3.69	3.35	0.92	5.63	4.02	3.02	2.13	1.32	0.73	0.38	0.2	0.1	0.05	0.02		0.001	0.002	-0.001	5.67	4.03	3.01	2.13	1.31	0.72
1.65	3.75	4.73	3.69	3.36	0.92	5.72	4.17	3.15	2.23	1.36	0.74	0.38	0.2	0.1	0.05	0.02		0.002	0.002	0	5.74	4.16	3.13	2.21	1.35	0.73
2.01	3.75	4.72	3.68	3.36	0.92	5.82	4.32	3.29	2.33	1.41	0.75	0.38	0.2	0.1	0.05	0.02		0.003	0.002	0.001	5.82	4.3	3.25	2.3	1.4	0.74
1.81	3.78	4.72	3.69	3.37	0.92	5.92	4.47	3.42	2.43	1.46	0.76	0.38	0.2	0.11	0.05	0.02		0.004	0.001	0.002	5.89	4.42	3.37	2.39	1.44	0.75
2.23	3.79	4.69	3.7	3.37	0.92	6.02	4.61	3.54	2.52	1.51	0.78	0.39	0.2	0.11	0.05	0.02		0.004	0.002	0.003	5.97	4.54	3.47	2.47	1.48	0.77
1.98	3.8	4.72	3.68	3.4	0.92	6.11	4.72	3.64	2.6	1.56	0.8	0.39	0.21	0.11	0.05	0.02		0.004	0.002	0.003	6.03	4.63	3.56	2.54	1.52	0.79
2.29	3.78	4.73	3.68	3.37	0.92	6.18	4.81	3.72	2.66	1.6	0.83	0.41	0.22	0.12	0.05	0.02		0.004	0.002	0.003	6.08	4.71	3.63	2.59	1.56	0.81
2.28	3.79	4.72	3.68	3.36	0.92	6.25	4.88	3.78	2.71	1.64	0.85	0.42	0.22	0.12	0.05	0.02		0.003	0.002	0.003	6.12	4.75	3.67	2.63	1.59	0.83
2.14	3.8	4.73	3.65	3.37	0.92	6.3	4.92	3.82	2.74	1.67	0.87	0.44	0.23	0.12	0.06	0.02		0.003	0.002	0.003	6.15	4.77	3.69	2.65	1.61	0.85
1.71	3.77	4.73	3.68	3.36	0.92	6.34	4.93	3.83	2.76	1.69	0.9	0.45	0.24	0.13	0.06	0.02		0.003	0.002	0.003	6.16	4.77	3.69	2.65	1.63	0.87
1.37	3.78	4.73	3.69	3.37	0.92	6.38	4.93	3.82	2.76	1.71	0.93	0.47	0.25	0.13	0.06	0.02		0.003	0.002	0.002	6.17	4.74	3.67	2.65	1.64	0.89
2.05	3.78	4.75	3.69	3.43	0.93	6.4	4.91	3.8	2.76	1.73	0.95	0.49	0.26	0.13	0.06	0.02		0.002	0.002	0.003	6.18	4.71	3.64	2.64	1.66	0.92
1.17	3.82	4.74	3.71	3.39	0.93	6.43	4.88	3.78	2.75	1.74	0.98	0.52	0.27	0.14	0.06	0.02		0.002	0.002	0.003	6.18	4.67	3.61	2.63	1.67	0.95
1.36	3.81	4.71	3.69	3.37	0.94	6.45	4.85	3.75	2.74	1.76	1.01	0.54	0.28	0.14	0.07	0.02		0.002	0.002	0.003	6.19	4.63	3.58	2.61	1.68	0.97
1.67	3.8	4.71	3.68	3.37	0.95	6.48	4.83	3.73	2.74	1.78	1.04	0.56	0.29	0.15	0.07	0.02		0.002	0.002	0.004	6.21	4.6	3.55	2.61	1.7	1
1.78	3.8	4.7	3.66	3.36	0.95	6.5	4.81	3.71	2.73	1.8	1.07	0.58	0.3	0.15	0.07	0.02		0.002	0.002	0.005	6.23	4.58	3.53	2.61	1.72	1.02
1.87	3.79	4.72	3.67	3.38	0.96	6.53	4.8	3.71	2.74	1.82	1.09	0.6	0.31	0.15	0.06	0.02		0.002	0.002	0.006	6.26	4.58	3.53	2.61	1.74	1.05
2.03	3.8	4.73	3.65	3.4	0.97	6.56	4.8	3.71	2.75	1.84	1.11	0.61	0.32	0.16	0.06	0.02		0.002	0.002	0.007	6.3	4.58	3.53	2.62	1.76	1.07
2.18	3.82	4.74	3.68	3.4	0.98	6.59	4.81	3.71	2.76	1.86	1.13	0.63	0.32	0.16	0.06	0.02		0.002	0.002	0.008	6.34	4.6	3.54	2.64	1.78	1.09
1.92	3.8	4.73	3.73	3.38	0.99	6.6	4.82	3.71	2.77	1.87	1.15	0.64	0.33	0.16	0.06	0.02		0.002	0.002	0.009	6.37	4.62	3.56	2.66	1.8	1.11
1.96	3.81	4.74	3.68	3.39	1	6.6	4.82	3.72	2.78	1.88	1.16	0.65	0.33	0.16	0.06	0.02		0.001	0.003	0.01	6.39	4.64	3.57	2.67	1.81	1.12
2.3	3.82	4.72	3.67	3.41	1	6.58	4.82	3.71	2.78	1.89	1.17	0.65	0.34	0.16	0.06	0.02		0.001	0.003	0.01	6.39	4.65	3.58	2.68	1.82	1.13
2.3	3.83	4.71	3.69	3.43	1.01	6.55	4.8	3.7	2.77	1.89	1.17	0.65	0.34	0.16	0.06	0.02		0.001	0.003	0.009	6.38	4.65	3.58	2.68	1.83	1.14
1.97	3.82	4.72	3.69	3.42	1.01	6.5	4.77	3.68	2.76	1.88	1.17	0.65	0.34	0.16	0.06	0.01		0.001	0.002	0.008	6.35	4.64	3.57	2.68	1.83	1.14
1.8	3.77	4.72	3.69	3.4	1.01	6.43	4.72	3.64	2.74	1.87	1.16	0.65	0.34	0.16	0.06	0.01		0.001	0.002	0.007	6.31	4.61	3.55	2.66	1.82	1.13
1.87	3.79	4.72	3.7	3.41	1.02	6.35	4.66	3.6	2.7	1.84	1.15	0.64	0.33	0.16	0.07	0.01		0.001	0.001	0.005	6.26	4.57	3.52	2.64	1.81	1.12
1.77	3.81	4.72	3.68	3.39	1.02	6.27	4.59	3.54	2.66	1.82	1.13	0.64	0.33	0.16	0.07	0.02		0.001	0.001	0.003	6.2	4.52	3.48	2.61	1.79	1.11
1.92	3.83	4.72	3.7	3.39	1.02	6.19	4.51	3.48	2.62	1.79	1.12	0.63	0.33	0.16	0.07	0.02		0	0.001	0.002	6.15	4.46	3.43	2.58	1.76	1.1
1.98	3.82	4.72	3.69	3.38	1.02	6.11	4.42	3.42	2.57	1.76	1.1	0.63	0.33	0.16	0.07	0.02	0.006	0.001	0.001	0.001	6.1	4.39	3.38	2.54	1.74	1.09
1.95	3.8	4.73	3.7	3.39	1.01	6.03	4.34	3.34	2.51	1.72	1.09	0.62	0.33	0.16	0.07	0.02	0.007	0.001	0.001	0	6.04					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.65	3.79	4.7	3.67	3.39	0.97	6.73	5.99	5.3	4.54	3.57	2.52	1.54	0.81	0.37	0.15	0.06	0.02	0.007	0.005	0	7.13	6.34	5.59	4.78	3.75	2.63
2.12	3.8	4.73	3.7	3.39	0.97	6.76	6.06	5.38	4.64	3.68	2.62	1.6	0.85	0.39	0.16	0.06	0.02	0.006	0.005	0	7.17	6.42	5.69	4.89	3.86	2.73
2.19	3.83	4.74	3.69	3.39	0.97	6.78	6.13	5.47	4.74	3.79	2.71	1.67	0.89	0.41	0.16	0.06	0.01	0.004	0.004	0	7.21	6.5	5.79	5.01	3.98	2.84
2.28	3.84	4.71	3.7	3.41	0.97	6.81	6.2	5.56	4.85	3.9	2.81	1.75	0.93	0.43	0.17	0.06	0.01	0.003	0.003	0	7.24	6.58	5.9	5.13	4.11	2.94
2.11	3.8	4.74	3.69	3.38	0.97	6.84	6.26	5.65	4.95	4.01	2.91	1.82	0.98	0.45	0.17	0.05	0.01	0.001	0.002	0	7.28	6.66	5.99	5.24	4.22	3.05
2.07	3.83	4.74	3.67	3.41	0.97	6.86	6.32	5.72	5.04	4.11	3	1.89	1.02	0.47	0.18	0.05		0	0.001	0.001	7.31	6.72	6.08	5.34	4.33	3.15
1.89	3.79	4.71	3.69	3.38	0.97	6.88	6.36	5.79	5.12	4.2	3.09	1.96	1.06	0.49	0.18	0.05		0	0.001	0.001	7.34	6.78	6.16	5.43	4.43	3.24
1.9	3.79	4.7	3.64	3.41	0.97	6.9	6.4	5.85	5.19	4.27	3.17	2.03	1.11	0.51	0.19	0.05		0	0.002	0.002	7.37	6.83	6.22	5.51	4.52	3.33
1.75	3.79	4.68	3.67	3.39	0.97	6.93	6.44	5.89	5.25	4.34	3.24	2.09	1.15	0.53	0.2	0.05		0	0.003	0.003	7.4	6.87	6.27	5.57	4.59	3.41
1.55	3.8	4.71	3.67	3.38	0.97	6.94	6.47	5.93	5.3	4.4	3.3	2.15	1.19	0.56	0.21	0.05		0	0.003	0.003	7.42	6.9	6.32	5.63	4.66	3.48
2.11	3.8	4.71	3.69	3.39	0.97	6.96	6.49	5.96	5.34	4.45	3.36	2.21	1.23	0.58	0.21	0.06		0	0.004	0.004	7.44	6.93	6.36	5.68	4.71	3.54
2.1	3.77	4.7	3.7	3.35	0.96	6.98	6.51	5.99	5.37	4.5	3.41	2.26	1.27	0.6	0.22	0.06		0	0.004	0.004	7.46	6.95	6.39	5.71	4.76	3.59
2.14	3.78	4.73	3.69	3.37	0.96	6.99	6.53	6.02	5.41	4.54	3.46	2.31	1.31	0.62	0.23	0.06		0.001	0	0.004	7.47	6.97	6.41	5.74	4.8	3.64
2.13	3.8	4.73	3.67	3.37	0.96	7	6.55	6.04	5.43	4.57	3.51	2.35	1.34	0.64	0.24	0.06		0	0	0.003	7.48	6.99	6.43	5.77	4.84	3.69
1.81	3.79	4.71	3.69	3.38	0.95	7.01	6.56	6.06	5.46	4.61	3.55	2.39	1.38	0.66	0.25	0.07	0.01	0	0	0.002	7.48	6.99	6.45	5.79	4.87	3.73
1.71	3.77	4.69	3.7	3.37	0.95	7.02	6.58	6.08	5.48	4.64	3.59	2.43	1.41	0.68	0.26	0.07	0.01	0.001	0	0.002	7.48	7	6.46	5.81	4.9	3.76
1.01	3.76	4.69	3.69	3.36	0.94	7.03	6.59	6.09	5.5	4.67	3.62	2.47	1.44	0.7	0.27	0.07	0.01	0.002	0	0.001	7.48	7	6.46	5.82	4.92	3.8
1.56	3.79	4.71	3.68	3.36	0.94	7.04	6.6	6.11	5.53	4.7	3.66	2.51	1.47	0.72	0.28	0.08	0.01	0.003	0	0.001	7.48	7	6.47	5.84	4.95	3.83
1.82	3.8	4.72	3.66	3.37	0.94	7.05	6.61	6.12	5.55	4.73	3.69	2.54	1.5	0.73	0.29	0.08	0.01	0.004	0	0	7.48	7	6.47	5.85	4.97	3.86
2.26	3.81	4.72	3.67	3.38	0.94	7.06	6.63	6.14	5.57	4.75	3.73	2.57	1.52	0.75	0.3	0.09	0.02	0.005	0	-0.001	7.48	7	6.47	5.86	4.99	3.89
2.22	3.8	4.71	3.68	3.37	0.94	7.08	6.64	6.15	5.59	4.78	3.76	2.61	1.55	0.77	0.31	0.09	0.02		0	-0.001	7.48	7	6.47	5.87	5.01	3.91
2.17	3.77	4.71	3.68	3.37	0.94	7.1	6.66	6.17	5.62	4.81	3.79	2.64	1.57	0.78	0.32	0.1	0.02	0.008	0	-0.001	7.48	7	6.48	5.88	5.03	3.94
1.69	3.78	4.71	3.68	3.41	0.94	7.12	6.68	6.2	5.65	4.85	3.83	2.66	1.59	0.8	0.33	0.11	0.03	0.01	0.002	0	7.49	7.01	6.49	5.9	5.05	3.97
1.79	3.81	4.71	3.66	3.38	0.94	7.15	6.7	6.22	5.68	4.88	3.86	2.69	1.61	0.81	0.33	0.11	0.03	0.01	0.004	0.002	7.49	7.01	6.5	5.92	5.07	3.99
2.04	3.8	4.69	3.66	3.34	0.95	7.17	6.72	6.25	5.7	4.91	3.88	2.71	1.62	0.82	0.34	0.12	0.04	0.01	0.005	0.003	7.51	7.02	6.52	5.93	5.09	4.01
1.83	3.78	4.72	3.65	3.36	0.95	7.2	6.74	6.27	5.73	4.93	3.9	2.72	1.63	0.82	0.35	0.13	0.04	0.02	0.008	0.005	7.51	7.03	6.52	5.94	5.1	4.02
2.09	3.82	4.7	3.69	3.36	0.95	7.21	6.75	6.28	5.74	4.94	3.9	2.72	1.63	0.83	0.35	0.13	0.05	0.02	0.009	0.007	7.51	7.02	6.52	5.94	5.1	4.02
1.92	3.78	4.71	3.63	3.4	0.96	7.23	6.76	6.29	5.74	4.94	3.9	2.71	1.62	0.83	0.36	0.14	0.05	0.02	0.01	0.007	7.51	7.01	6.52	5.93	5.09	4
2.1	3.8	4.71	3.67	3.4	0.96	7.23	6.75	6.28	5.73	4.92	3.88	2.69	1.61	0.84	0.37	0.14	0.06	0.02	0.01	0.008	7.51	7	6.5	5.91	5.07	3.98
2.28	3.82	4.7	3.67	3.37	0.97	7.24	6.74	6.27	5.71	4.9	3.85	2.66	1.6	0.84	0.38	0.15	0.06	0.02	0.01	0.007	7.5	6.98	6.47	5.88	5.03	3.94
2.06	3.8	4.7	3.68	3.38	0.97	7.24	6.73	6.25	5.68	4.86	3.81	2.63	1.59	0.84	0.39	0.16	0.07	0.02	0.01	0.007	7.49	6.95	6.44	5.84	4.99	3.89
2.06	3.82	4.71	3.69	3.38	0.98	7.24	6.72	6.23	5.65	4.82	3.76	2.59	1.57	0.84	0.4	0.17	0.07	0.02	0.01	0.006	7.48	6.93	6.41	5.8	4.93	3.84
1.67	3.78	4.69	3.66	3.38	0.98	7.24	6.7	6.21	5.61	4.77	3.71	2.55	1.55	0.84	0.41	0.17	0.08	0.02	0.01	0.006	7.48	6.91	6.38	5.75	4.88	3.78
1.43	3.81	4.72	3.67	3.35	0.98	7.25	6.69	6.18	5.57	4.72	3.66	2.51	1.53	0.84	0.42	0.18	0.08	0.02	0.01	0.004	7.47	6.88	6.35	5.71	4.82	3.72
1.62	3.8	4.73	3.68	3.37	0.98	7.26	6.68	6.16	5.54	4.67	3.61	2.48	1.51	0.84	0.43	0.19	0.08	0.02	0.01	0.004	7.48	6.87	6.32	5.66	4.77	3.67
1.68	3.81	4.71	3.66	3.37	0.99	7.26	6.66	6.13	5.5	4.63	3.56	2.44	1.5	0.84	0.43	0.2	0.08	0.03	0.01	0.003	7.48	6.84	6.29	5.62	4.72	3.62
1.92	3.81	4.72	3.68	3.39	0.99	7.26	6.64	6.1	5.46	4.58	3.51	2.41	1.48	0.84	0.44	0.2	0.09	0.03	0.01	0.003	7.47	6.81	6.25	5.57	4.66	3.56
2.07	3.8	4.7	3.69	3.39	0.99	7.25	6.61	6.06	5.41	4.52	3.47	2.37	1.47	0.84	0.45	0.21	0.09	0.03	0.01	0.002	7.46	6.78	6.2	5.52	4.6	3.51
2.06	3.84	4.72	3.7	3.38	0.99	7.23	6.57	6.01	5.35	4.46	3.42	2.34	1.46	0.84	0.46	0.22	0.09	0.03	0.01	0.002	7.43	6.73	6.14	5.45	4.54	3.46
1.97	3.8	4.69	3.7	3.37	0.99	7.2	6.51	5.95	5.28	4.4	3.37	2.32	1.45	0.85	0.46	0.22	0.09	0.03	0.01	0.001	7.39	6.67	6.07	5.38	4.47	3.41
1.86	3.81	4.7	3.7	3.35	0.98	7.16	6.45	5.87	5.21	4.33	3.32	2.29	1.44	0.85	0.47	0.23	0.09	0.03	0.01	0.001	7.34	6.59	5.99	5.29	4.39	3.35
1.49	3.79	4.69	3.69	3.39	0.98	7.11	6.38	5.8	5.13	4.26	3.27	2.27	1.44	0.85	0.47	0.23	0.09	0.03	0.01	0.001	7.29	6.52	5.91	5.21	4.32	3.3
1.48	3.81	4.7	3.68	3.39	0.98	7.07	6.32	5.72	5.05	4.2	3.23	2.25	1.44	0.86	0.48	0.24	0.09	0.03	0.01	0.001	7.24	6.44	5.82	5.13	4.25	3.25
1.98	3.8	4.7	3.71	3.4	0.98	7.03	6.25	5.65	4.98	4.14	3.19	2.24	1.44	0.87	0.49	0.24	0.1	0.03	0.01	0.003	7.19	6.37	5.74	5.05	4.18	3.21
2.18	3.8	4.72	3.69	3.42	0.98	6.99	6.2	5.58	4.92	4.08	3.16	2.22	1.44	0.88	0.5	0.25	0.1	0.03	0.01	0.004	7.14	6.31	5.67	4.98	4.12	3.18
2.07	3.81	4.72	3.68	3.39	0.97	6.96	6.15	5.53	4.86	4.04	3.13	2.21	1.44	0.88	0.5	0.25	0.1	0.03	0.01	0.004	7.11	6.25	5.61	4.92	4.07	3.15
1.81	3.82	4.73	3.66	3.36	0.97	6.94	6.11	5.49	4.82	4.01	3.11	2.21	1.45	0.89	0.5	0.25	0.1	0.03	0.01	0.004	7.07	6.21	5.56	4.87	4.03	3.12
1.83	3.81	4.73	3.67	3.37	0.97	6.92	6.09	5.47	4.8	3.99	3.1	2.21	1.45	0.89	0.51	0.25	0.11	0.03	0.01	0.003	7.05	6.18	5.53	4.84	4.01	3.11
1.88	3.81	4.71	3.65	3.38	0.97	6.91	6.09	5.46	4.79	3.99	3.11	2.22	1.46	0.89	0.51	0.26	0.11	0.03	0.01	0.002	7.04	6.17	5.52	4.84	4.01	3.12
1.65	3.82	4.71	3.69	3.37	0.97	6.91	6.09	5.47	4.81	4	3.12	2.23	1.47	0.9	0.51	0.26	0.11	0.03	0.01	0.002	7.03	6.17				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.98	3.81	4.72	3.68	3.39	0.96	7.04	6.53	6.07	5.6	4.98	4.21	3.31	2.38	1.55	0.88	0.42	0.18	0.06	0.02	0.007	7.34	6.78	6.3	5.79	5.14	4.33
1.87	3.83	4.72	3.67	3.38	0.96	7.04	6.53	6.09	5.63	5.02	4.27	3.37	2.44	1.59	0.9	0.43	0.18	0.06	0.01	0.004	7.35	6.8	6.32	5.83	5.19	4.4
2.08	3.79	4.73	3.66	3.4	0.96	7.04	6.54	6.1	5.66	5.06	4.33	3.44	2.49	1.63	0.93	0.45	0.18	0.06	0.01	0.002	7.35	6.81	6.35	5.87	5.24	4.46
2.25	3.81	4.7	3.68	3.39	0.96	7.03	6.55	6.12	5.68	5.11	4.38	3.5	2.55	1.67	0.96	0.46	0.19	0.06	0.01	0	7.35	6.83	6.37	5.9	5.28	4.52
2.27	3.82	4.73	3.7	3.38	0.96	7.03	6.56	6.14	5.71	5.15	4.44	3.56	2.61	1.72	0.99	0.48	0.19	0.06	0.01	0.001	7.35	6.85	6.4	5.94	5.33	4.59
2.13	3.79	4.71	3.68	3.37	0.96	7.03	6.57	6.16	5.74	5.19	4.49	3.62	2.67	1.77	1.02	0.5	0.2	0.06	0.01	0.001	7.36	6.86	6.42	5.96	5.38	4.64
1.5	3.78	4.71	3.69	3.4	0.96	7.03	6.58	6.18	5.76	5.22	4.54	3.68	2.73	1.82	1.06	0.52	0.21	0.07	0.01	0.001	7.36	6.88	6.44	5.99	5.41	4.69
1.96	3.8	4.73	3.69	3.4	0.96	7.03	6.59	6.18	5.77	5.24	4.57	3.73	2.79	1.87	1.1	0.54	0.22	0.07	0.01	0.001	7.35	6.88	6.44	6.01	5.44	4.73
2.23	3.78	4.72	3.67	3.39	0.96	7.02	6.59	6.19	5.78	5.26	4.6	3.77	2.84	1.92	1.14	0.57	0.24	0.08	0.01	0.001	7.34	6.87	6.44	6.01	5.45	4.76
1.94	3.8	4.72	3.68	3.37	0.97	7.01	6.58	6.18	5.78	5.27	4.63	3.81	2.88	1.97	1.18	0.6	0.25	0.08	0.02	0.001	7.32	6.86	6.43	6.01	5.46	4.78
1.99	3.8	4.72	3.67	3.4	0.97	6.99	6.56	6.17	5.78	5.27	4.64	3.84	2.93	2.02	1.22	0.62	0.27	0.09	0.02	0.001	7.3	6.84	6.42	6	5.46	4.8
1.78	3.8	4.74	3.65	3.39	0.97	6.98	6.55	6.17	5.78	5.28	4.66	3.87	2.97	2.07	1.26	0.65	0.28	0.1	0.02	0.002	7.27	6.82	6.4	5.99	5.46	4.81
1.14	3.79	4.72	3.66	3.36	0.97	6.98	6.55	6.16	5.78	5.29	4.68	3.9	3.02	2.12	1.31	0.68	0.3	0.1	0.02	0.002	7.26	6.8	6.39	5.98	5.46	4.82
1.36	3.81	4.73	3.68	3.36	0.97	6.98	6.55	6.17	5.79	5.3	4.7	3.94	3.06	2.17	1.35	0.71	0.31	0.11	0.03	0.003	7.25	6.79	6.39	5.98	5.47	4.84
1.82	3.79	4.72	3.7	3.4	0.97	6.98	6.56	6.18	5.8	5.32	4.73	3.97	3.11	2.22	1.39	0.74	0.33	0.11	0.03	0.004	7.24	6.8	6.39	5.99	5.48	4.86
1.97	3.8	4.7	3.69	3.37	0.98	6.99	6.58	6.2	5.82	5.34	4.76	4.01	3.15	2.26	1.43	0.77	0.34	0.12	0.03	0.004	7.25	6.8	6.4	6.01	5.5	4.89
1.8	3.81	4.71	3.69	3.38	0.98	7.01	6.59	6.22	5.84	5.37	4.79	4.05	3.2	2.31	1.47	0.8	0.36	0.13	0.03	0.005	7.25	6.82	6.42	6.02	5.52	4.91
1.99	3.79	4.72	3.69	3.38	0.98	7.02	6.61	6.23	5.86	5.39	4.82	4.09	3.25	2.36	1.51	0.83	0.37	0.13	0.03	0.006	7.26	6.82	6.43	6.04	5.54	4.94
1.37	3.8	4.72	3.66	3.37	0.99	7.03	6.62	6.25	5.88	5.41	4.84	4.13	3.29	2.4	1.55	0.86	0.39	0.14	0.04	0.007	7.26	6.83	6.43	6.05	5.56	4.96
1.68	3.79	4.71	3.68	3.38	0.99	7.03	6.62	6.25	5.89	5.43	4.87	4.16	3.33	2.44	1.59	0.89	0.4	0.15	0.04	0.008	7.26	6.82	6.43	6.05	5.57	4.98
1.98	3.8	4.72	3.7	3.41	0.99	7.03	6.61	6.25	5.89	5.44	4.88	4.19	3.37	2.48	1.63	0.92	0.42	0.15	0.04	0.009	7.25	6.81	6.43	6.05	5.57	4.99
2.05	3.79	4.7	3.71	3.37	0.99	7.01	6.6	6.24	5.89	5.44	4.9	4.21	3.4	2.52	1.67	0.95	0.44	0.16	0.05	0.01	7.22	6.79	6.42	6.04	5.57	5
2.08	3.77	4.71	3.67	3.39	0.99	6.99	6.59	6.24	5.89	5.44	4.91	4.23	3.43	2.56	1.71	0.98	0.46	0.17	0.05	0.01	7.2	6.77	6.4	6.04	5.57	5.01
2.15	3.8	4.7	3.69	3.38	0.99	6.97	6.58	6.23	5.88	5.45	4.92	4.25	3.46	2.6	1.74	1.01	0.48	0.18	0.05	0.01	7.17	6.76	6.39	6.03	5.57	5.02
2.07	3.79	4.7	3.69	3.4	0.99	6.96	6.57	6.23	5.89	5.46	4.93	4.27	3.5	2.64	1.78	1.04	0.5	0.19	0.06	0.01	7.16	6.75	6.39	6.03	5.58	5.03
1.91	3.82	4.7	3.66	3.38	0.99	6.95	6.56	6.23	5.89	5.46	4.95	4.3	3.53	2.67	1.82	1.07	0.51	0.2	0.06	0.01	7.14	6.74	6.39	6.03	5.59	5.05
1.6	3.81	4.69	3.66	3.38	0.99	6.94	6.56	6.24	5.9	5.48	4.96	4.32	3.56	2.71	1.85	1.1	0.53	0.21	0.06	0.01	7.13	6.74	6.39	6.03	5.59	5.06
1.63	3.81	4.71	3.67	3.36	0.99	6.94	6.56	6.24	5.9	5.48	4.97	4.34	3.59	2.75	1.89	1.13	0.55	0.22	0.07	0.01	7.13	6.73	6.39	6.04	5.6	5.07
1.81	3.82	4.7	3.67	3.39	0.99	6.93	6.56	6.24	5.9	5.49	4.99	4.36	3.61	2.78	1.92	1.16	0.57	0.23	0.07	0.01	7.11	6.72	6.39	6.04	5.6	5.08
2.02	3.8	4.69	3.67	3.39	0.99	6.92	6.55	6.23	5.9	5.49	4.99	4.37	3.64	2.81	1.96	1.19	0.6	0.24	0.08	0.01	7.1	6.71	6.38	6.03	5.6	5.08
1.38	3.79	4.71	3.68	3.4	0.99	6.91	6.53	6.22	5.9	5.49	5	4.39	3.66	2.85	2	1.22	0.62	0.26	0.08	0.02	7.08	6.69	6.36	6.02	5.6	5.08
1.76	3.8	4.72	3.69	3.38	0.99	6.89	6.51	6.21	5.89	5.48	5	4.4	3.69	2.88	2.03	1.25	0.65	0.27	0.09	0.02	7.06	6.66	6.34	6	5.58	5.08
2.68	3.8	4.71	3.71	3.4	0.99	6.87	6.49	6.19	5.87	5.48	5	4.41	3.71	2.91	2.07	1.29	0.67	0.28	0.1	0.02	7.03	6.63	6.31	5.98	5.57	5.07
2.16	3.81	4.71	3.68	3.38	0.98	6.85	6.47	6.17	5.86	5.47	4.99	4.41	3.73	2.94	2.11	1.32	0.7	0.3	0.1	0.02	7	6.6	6.29	5.96	5.55	5.07
2.04	3.81	4.72	3.68	3.37	0.98	6.84	6.45	6.16	5.85	5.46	5	4.42	3.75	2.97	2.14	1.36	0.72	0.31	0.11	0.03	6.98	6.58	6.27	5.95	5.54	5.06
1.93	3.78	4.72	3.67	3.37	0.98	6.82	6.44	6.15	5.84	5.46	5	4.44	3.77	3.01	2.18	1.39	0.75	0.32	0.12	0.03	6.96	6.56	6.25	5.94	5.54	5.06
1.62	3.78	4.71	3.69	3.38	0.98	6.82	6.44	6.15	5.84	5.46	5.01	4.45	3.79	3.04	2.22	1.43	0.77	0.34	0.12	0.03	6.96	6.56	6.25	5.94	5.54	5.07
2.1	3.8	4.72	3.68	3.38	0.99	6.82	6.44	6.15	5.85	5.47	5.02	4.47	3.82	3.07	2.26	1.47	0.8	0.35	0.13	0.03	6.96	6.56	6.26	5.95	5.55	5.08
2.11	3.78	4.7	3.67	3.38	0.99	6.82	6.45	6.16	5.86	5.48	5.03	4.48	3.85	3.11	2.3	1.5	0.82	0.37	0.13	0.04	6.97	6.58	6.27	5.96	5.57	5.1
1.86	3.79	4.72	3.68	3.37	0.99	6.82	6.45	6.16	5.86	5.49	5.04	4.5	3.87	3.14	2.34	1.53	0.84	0.38	0.14	0.04	6.98	6.59	6.29	5.98	5.59	5.12
1.95	3.81	4.72	3.63	3.38	1	6.81	6.46	6.17	5.87	5.49	5.05	4.51	3.89	3.17	2.37	1.56	0.86	0.39	0.14	0.04	6.99	6.61	6.31	6	5.61	5.14
1.68	3.79	4.71	3.67	3.39	1	6.81	6.46	6.17	5.87	5.5	5.05	4.52	3.91	3.2	2.4	1.58	0.88	0.4	0.15	0.04	7	6.63	6.33	6.01	5.62	5.16
1.81	3.82	4.72	3.68	3.38	1	6.8	6.45	6.16	5.87	5.49	5.05	4.53	3.92	3.22	2.42	1.6	0.9	0.41	0.15	0.04	7.01	6.64	6.34	6.03	5.64	5.17
1.36	3.82	4.71	3.68	3.4	1.01	6.79	6.44	6.16	5.86	5.49	5.05	4.53	3.93	3.23	2.44	1.62	0.91	0.42	0.16	0.04	7.02	6.65	6.35	6.04	5.65	5.19
2.05	3.8	4.68	3.7	3.39	1.01	6.77	6.44	6.15	5.85	5.48	5.05	4.53	3.94	3.25	2.46	1.63	0.92	0.42	0.16	0.04	7.03	6.67	6.36	6.05	5.66	5.2
1.58	3.81	4.7	3.69	3.37	1.01	6.77	6.43	6.14	5.84	5.48	5.04	4.53	3.94	3.25	2.47	1.64	0.93	0.43	0.16	0.04	7.04	6.68	6.37	6.06	5.68	5.22
1.95	3.81	4.73	3.69	3.4	1.01	6.76	6.43	6.13	5.84	5.47	5.04	4.53	3.94	3.26	2.47	1.65	0.93	0.43	0.17	0.04	7.06	6.7	6.38	6.07	5.69	5.23
1.65	3.77	4.72	3.68	3.39	1.01	6.76	6.42	6.12	5.83	5.47	5.04	4.53	3.95	3.26	2.48	1.66	0.94	0.44	0.17	0.04	7.07	6.72	6.4	6.09	5.71	5.25
1.52	3.8	4.72	3.67	3.38	1.01	6.76	6.42	6.12	5.83	5.47	5.04	4.54	3.95	3.27	2.48	1.66	0.95	0.45	0.17	0.04	7.1	6.74	6.42	6.11	5.73	5.27
1.55	3.8	4.72	3.65	3.39	1.01	6.76	6.42	6.12	5.83	5.47	5.04	4.54	3.95	3.27	2.48	1.67										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.86	3.8	4.74	3.67	3.38	0.99	6.82	6.47	6.21	5.94	5.6	5.19	4.68	4.11	3.45	2.72	1.94	1.21	0.63	0.27	0.08	6.65	6.3	6.03	5.77	5.43	5.02
1.66	3.81	4.72	3.66	3.39	0.99	6.8	6.45	6.19	5.92	5.59	5.18	4.68	4.11	3.46	2.74	1.96	1.22	0.63	0.27	0.08	6.61	6.26	6	5.74	5.4	5
1.4	3.81	4.71	3.65	3.39	0.99	6.77	6.43	6.17	5.91	5.57	5.17	4.68	4.11	3.47	2.75	1.97	1.23	0.64	0.27	0.08	6.56	6.22	5.96	5.7	5.37	4.98
2.11	3.8	4.72	3.67	3.37	0.99	6.74	6.41	6.15	5.89	5.56	5.16	4.68	4.12	3.49	2.77	1.99	1.25	0.65	0.28	0.09	6.52	6.19	5.93	5.68	5.35	4.96
2.06	3.78	4.73	3.67	3.4	0.99	6.72	6.4	6.14	5.89	5.55	5.16	4.68	4.13	3.5	2.79	2.01	1.27	0.67	0.29	0.09	6.49	6.17	5.91	5.66	5.33	4.95
1.47	3.8	4.72	3.68	3.36	0.99	6.72	6.4	6.13	5.88	5.55	5.16	4.68	4.13	3.51	2.81	2.04	1.29	0.68	0.3	0.09	6.47	6.16	5.89	5.65	5.32	4.94
1.93	3.81	4.72	3.65	3.36	0.99	6.72	6.4	6.13	5.88	5.55	5.16	4.68	4.14	3.53	2.82	2.06	1.31	0.69	0.31	0.1	6.47	6.15	5.89	5.64	5.32	4.94
2.01	3.82	4.74	3.67	3.38	0.99	6.73	6.41	6.13	5.88	5.55	5.16	4.69	4.15	3.54	2.84	2.07	1.32	0.71	0.31	0.1	6.48	6.15	5.89	5.64	5.32	4.93
1.98	3.8	4.73	3.69	3.38	1	6.75	6.41	6.14	5.88	5.55	5.16	4.69	4.16	3.55	2.86	2.09	1.34	0.72	0.32	0.1	6.49	6.16	5.88	5.64	5.32	4.93
1.66	3.81	4.72	3.69	3.4	1	6.76	6.41	6.13	5.88	5.55	5.16	4.7	4.16	3.56	2.87	2.11	1.36	0.73	0.33	0.1	6.5	6.16	5.88	5.63	5.31	4.93
1.9	3.82	4.72	3.69	3.39	1	6.76	6.41	6.13	5.88	5.55	5.16	4.7	4.17	3.57	2.88	2.12	1.37	0.74	0.34	0.11	6.5	6.15	5.88	5.63	5.31	4.93
1.75	3.83	4.71	3.69	3.41	1	6.75	6.4	6.12	5.87	5.54	5.15	4.69	4.17	3.57	2.88	2.13	1.38	0.75	0.34	0.11	6.5	6.15	5.87	5.62	5.31	4.93
1.62	3.81	4.71	3.66	3.39	1	6.74	6.39	6.11	5.86	5.54	5.15	4.69	4.17	3.57	2.89	2.13	1.39	0.76	0.35	0.11	6.49	6.14	5.86	5.62	5.3	4.93
1.96	3.79	4.71	3.68	3.38	1	6.73	6.38	6.1	5.85	5.53	5.15	4.69	4.17	3.58	2.89	2.14	1.4	0.76	0.35	0.12	6.49	6.13	5.86	5.62	5.3	4.93
2.11	3.81	4.73	3.7	3.37	1	6.72	6.37	6.09	5.85	5.53	5.15	4.7	4.18	3.58	2.89	2.14	1.4	0.77	0.36	0.12	6.49	6.13	5.86	5.62	5.31	4.94
1.94	3.79	4.72	3.69	3.37	1	6.71	6.37	6.09	5.85	5.53	5.15	4.7	4.18	3.58	2.89	2.14	1.41	0.78	0.36	0.12	6.49	6.14	5.87	5.63	5.32	4.95
1.83	3.81	4.71	3.67	3.36	1	6.71	6.37	6.1	5.86	5.54	5.16	4.71	4.18	3.58	2.89	2.14	1.41	0.78	0.36	0.12	6.5	6.16	5.89	5.65	5.34	4.97
2.16	3.79	4.72	3.67	3.39	1.01	6.71	6.37	6.11	5.87	5.55	5.17	4.71	4.18	3.58	2.89	2.14	1.41	0.79	0.37	0.12	6.52	6.18	5.92	5.68	5.36	4.99
1.86	3.78	4.72	3.69	3.38	1.01	6.71	6.38	6.12	5.88	5.56	5.18	4.72	4.19	3.58	2.89	2.14	1.41	0.79	0.37	0.13	6.54	6.21	5.95	5.71	5.39	5.02
1.84	3.79	4.72	3.69	3.41	1.01	6.72	6.39	6.14	5.89	5.57	5.19	4.73	4.19	3.58	2.88	2.13	1.41	0.79	0.37	0.13	6.57	6.24	5.98	5.74	5.42	5.04
2	3.81	4.7	3.7	3.39	1.02	6.72	6.4	6.15	5.9	5.58	5.2	4.73	4.19	3.57	2.87	2.13	1.4	0.8	0.38	0.13	6.59	6.27	6.02	5.77	5.45	5.07
1.74	3.82	4.72	3.66	3.38	1.02	6.72	6.4	6.16	5.91	5.59	5.21	4.74	4.19	3.57	2.86	2.12	1.4	0.8	0.38	0.13	6.62	6.3	6.05	5.8	5.48	5.1
1.44	3.81	4.72	3.69	3.38	1.02	6.72	6.41	6.16	5.91	5.59	5.21	4.74	4.19	3.57	2.86	2.11	1.39	0.8	0.38	0.13	6.65	6.32	6.08	5.82	5.5	5.12
1.97	3.82	4.72	3.7	3.38	1.02	6.72	6.41	6.16	5.91	5.59	5.21	4.74	4.19	3.56	2.85	2.1	1.39	0.79	0.38	0.13	6.67	6.34	6.1	5.85	5.52	5.14
2.08	3.82	4.7	3.7	3.38	1.03	6.72	6.4	6.16	5.91	5.59	5.21	4.74	4.19	3.55	2.84	2.09	1.38	0.79	0.38	0.13	6.69	6.36	6.11	5.86	5.54	5.15
2.05	3.81	4.73	3.71	3.38	1.03	6.72	6.39	6.14	5.9	5.58	5.2	4.73	4.18	3.55	2.83	2.08	1.37	0.79	0.38	0.13	6.71	6.37	6.12	5.87	5.55	5.16
1.75	3.8	4.74	3.63	3.38	1.03	6.7	6.37	6.13	5.88	5.57	5.19	4.72	4.17	3.54	2.82	2.07	1.37	0.79	0.38	0.13	6.72	6.38	6.13	5.88	5.56	5.17
1.77	3.79	4.7	3.67	3.37	1.03	6.68	6.35	6.11	5.86	5.55	5.17	4.71	4.16	3.53	2.81	2.06	1.36	0.78	0.37	0.13	6.72	6.38	6.13	5.88	5.56	5.18
1.11	3.77	4.71	3.68	3.37	1.03	6.66	6.33	6.08	5.84	5.53	5.15	4.69	4.15	3.52	2.8	2.05	1.35	0.78	0.37	0.13	6.72	6.38	6.13	5.88	5.56	5.18
1.5	3.77	4.71	3.67	3.41	1.04	6.63	6.31	6.06	5.82	5.51	5.14	4.68	4.13	3.5	2.8	2.05	1.35	0.77	0.37	0.13	6.71	6.38	6.13	5.89	5.57	5.18
1.63	3.79	4.7	3.68	3.41	1.04	6.6	6.29	6.04	5.81	5.5	5.13	4.67	4.12	3.49	2.79	2.04	1.34	0.77	0.37	0.13	6.71	6.38	6.13	5.89	5.57	5.19
1.52	3.78	4.69	3.66	3.38	1.04	6.57	6.27	6.03	5.79	5.49	5.11	4.66	4.11	3.49	2.78	2.03	1.34	0.77	0.37	0.13	6.71	6.39	6.14	5.9	5.58	5.2
1.68	3.81	4.69	3.67	3.39	1.04	6.55	6.25	6.02	5.78	5.48	5.1	4.65	4.11	3.48	2.77	2.03	1.33	0.76	0.36	0.13	6.71	6.4	6.16	5.91	5.6	5.21
1.78	3.82	4.7	3.68	3.42	1.05	6.53	6.24	6.01	5.77	5.47	5.1	4.64	4.1	3.47	2.77	2.02	1.33	0.76	0.36	0.13	6.72	6.41	6.17	5.93	5.61	5.22
1.19	3.81	4.72	3.66	3.42	1.05	6.51	6.23	5.99	5.76	5.46	5.09	4.63	4.09	3.47	2.77	2.02	1.33	0.76	0.36	0.13	6.73	6.43	6.18	5.94	5.62	5.24
1.11	3.81	4.73	3.68	3.4	1.05	6.49	6.21	5.98	5.75	5.45	5.08	4.63	4.09	3.46	2.76	2.02	1.33	0.76	0.36	0.13	6.73	6.43	6.19	5.95	5.63	5.25
1.83	3.82	4.7	3.7	3.39	1.05	6.46	6.19	5.96	5.74	5.44	5.07	4.62	4.08	3.46	2.76	2.02	1.33	0.76	0.36	0.12	6.73	6.44	6.2	5.96	5.64	5.26
1.56	3.82	4.7	3.69	3.41	1.05	6.44	6.17	5.94	5.72	5.42	5.06	4.61	4.08	3.46	2.76	2.02	1.33	0.76	0.36	0.12	6.73	6.45	6.2	5.96	5.65	5.26
2.05	3.86	4.74	3.69	3.43	1.05	6.4	6.15	5.92	5.7	5.4	5.04	4.6	4.07	3.45	2.76	2.03	1.34	0.76	0.37	0.12	6.72	6.45	6.2	5.96	5.65	5.26
1.39	3.81	4.73	3.68	3.42	1.05	6.37	6.13	5.89	5.67	5.38	5.03	4.58	4.06	3.45	2.76	2.03	1.34	0.77	0.37	0.12	6.7	6.44	6.19	5.96	5.64	5.26
1.96	3.82	4.72	3.7	3.42	1.04	6.34	6.1	5.87	5.65	5.36	5.01	4.57	4.06	3.45	2.77	2.04	1.35	0.77	0.37	0.12	6.69	6.43	6.18	5.95	5.64	5.26
0.71	3.8	4.72	3.68	3.37	1.04	6.32	6.08	5.84	5.63	5.35	4.99	4.56	4.05	3.45	2.77	2.05	1.36	0.78	0.37	0.12	6.68	6.42	6.17	5.94	5.63	5.25
1.38	3.8	4.71	3.64	3.4	1.03	6.29	6.05	5.82	5.61	5.33	4.98	4.55	4.04	3.46	2.78	2.06	1.37	0.79	0.38	0.13	6.66	6.41	6.16	5.93	5.63	5.25
1.88	3.79	4.71	3.68	3.36	1.03	6.27	6.03	5.8	5.59	5.31	4.97	4.54	4.04	3.46	2.79	2.07	1.38	0.8	0.38	0.13	6.65	6.39	6.14	5.92	5.61	5.24
1.8	3.81	4.71	3.68	3.38	1.02	6.25	6.01	5.79	5.58	5.3	4.95	4.53	4.04	3.46	2.8	2.09	1.39	0.8	0.39	0.13	6.63	6.37	6.13	5.9	5.6	5.23
1.61	3.81	4.72	3.69	3.38	1.02	6.24	5.99	5.77	5.56	5.29	4.94	4.52	4.03	3.47	2.82	2.1	1.41	0.81	0.39	0.13	6.62	6.35	6.12	5.89	5.59	5.22
1.26	3.81	4.71	3.71	3.39	1.01	6.22	5.97	5.76	5.55	5.27	4.93	4.52	4.03	3.47	2.83	2.12	1.42	0.82	0.4	0.13	6.6	6.33	6.1	5.87	5.58	5.21
1.28	3.81	4.72	3.69	3.38	1.01	6.21	5.95	5.74	5.53	5.26	4.92	4.51	4.03	3.48	2.84	2.13	1.43	0.83	0.4	0.14	6.59	6.31	6.09	5.86	5.56	5.2
2.03	3.79	4.71	3.64	3.36	1	6.2	5.94	5.73	5.53	5.25	4.92	4.51	4.04	3.49	2.85	2.15	1.45	0.84	0.41	0.14	6.57	6.3	6.07	5.85	5.55	5.19
2.23	3.78	4.71	3.68	3.39	1	6.19	5.94	5.73	5.52	5.25	4.92	4.51	4.04	3.5	2.86	2.16	1.46									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.91	3.78	4.7	3.69	3.38	0.98	6.51	6.28	6.06	5.85	5.57	5.24	4.84	4.38	3.85	3.22	2.48	1.7	1	0.5	0.18	6.57	6.33	6.11	5.89	5.61	5.26
2.06	3.8	4.72	3.69	3.37	0.99	6.53	6.29	6.08	5.86	5.59	5.25	4.85	4.39	3.86	3.23	2.49	1.71	1.01	0.5	0.18	6.58	6.34	6.11	5.89	5.61	5.26
2.05	3.77	4.72	3.66	3.39	0.99	6.55	6.31	6.09	5.88	5.6	5.26	4.86	4.4	3.87	3.24	2.5	1.71	1.01	0.5	0.18	6.59	6.34	6.11	5.89	5.61	5.26
1.93	3.77	4.73	3.69	3.37	0.99	6.57	6.32	6.1	5.89	5.61	5.27	4.87	4.41	3.89	3.25	2.51	1.72	1.02	0.5	0.18	6.6	6.34	6.12	5.9	5.62	5.27
1.56	3.78	4.71	3.64	3.35	0.99	6.59	6.33	6.12	5.9	5.62	5.29	4.88	4.43	3.9	3.27	2.52	1.73	1.02	0.5	0.18	6.61	6.35	6.13	5.91	5.62	5.28
1.95	3.81	4.7	3.66	3.37	1	6.61	6.35	6.13	5.91	5.64	5.3	4.9	4.44	3.91	3.28	2.53	1.74	1.03	0.51	0.18	6.63	6.36	6.14	5.92	5.64	5.29
2.05	3.8	4.71	3.68	3.39	1	6.62	6.37	6.15	5.93	5.65	5.31	4.91	4.45	3.92	3.29	2.54	1.75	1.03	0.51	0.18	6.64	6.38	6.16	5.93	5.65	5.31
2.05	3.8	4.7	3.67	3.38	1.01	6.64	6.39	6.16	5.95	5.67	5.33	4.93	4.47	3.93	3.3	2.55	1.76	1.04	0.51	0.18	6.66	6.4	6.18	5.95	5.67	5.32
1.97	3.81	4.73	3.69	3.39	1.01	6.65	6.4	6.18	5.96	5.68	5.34	4.94	4.48	3.94	3.31	2.56	1.76	1.04	0.52	0.18	6.68	6.43	6.2	5.97	5.69	5.34
1.93	3.83	4.74	3.68	3.4	1.02	6.66	6.42	6.19	5.97	5.69	5.35	4.95	4.49	3.95	3.31	2.57	1.77	1.05	0.52	0.19	6.7	6.45	6.21	5.99	5.71	5.36
2.08	3.81	4.72	3.68	3.39	1.02	6.67	6.43	6.2	5.98	5.7	5.36	4.96	4.49	3.96	3.32	2.58	1.78	1.06	0.52	0.19	6.72	6.47	6.23	6.01	5.72	5.38
2.17	3.82	4.72	3.66	3.39	1.02	6.68	6.43	6.2	5.99	5.71	5.37	4.97	4.5	3.97	3.33	2.59	1.79	1.07	0.53	0.19	6.74	6.49	6.25	6.03	5.74	5.39
2.04	3.81	4.72	3.68	3.39	1.03	6.68	6.44	6.21	6	5.71	5.37	4.97	4.51	3.98	3.34	2.6	1.8	1.07	0.53	0.19	6.76	6.5	6.27	6.05	5.76	5.41
1.59	3.81	4.69	3.69	3.4	1.03	6.69	6.44	6.21	6	5.72	5.38	4.98	4.51	3.99	3.36	2.61	1.81	1.08	0.54	0.19	6.77	6.52	6.29	6.06	5.77	5.43
2.37	3.8	4.71	3.7	3.37	1.03	6.69	6.45	6.22	6	5.72	5.38	4.98	4.52	3.99	3.37	2.62	1.82	1.09	0.54	0.2	6.79	6.54	6.3	6.08	5.79	5.44
1.96	3.81	4.7	3.7	3.41	1.03	6.69	6.45	6.22	6.01	5.72	5.39	4.98	4.52	4	3.38	2.63	1.83	1.1	0.55	0.2	6.81	6.56	6.32	6.1	5.81	5.46
1.78	3.82	4.73	3.68	3.42	1.03	6.69	6.45	6.22	6.01	5.73	5.39	4.99	4.52	4	3.39	2.64	1.84	1.11	0.55	0.2	6.83	6.58	6.34	6.12	5.83	5.48
1.74	3.8	4.72	3.7	3.39	1.02	6.69	6.45	6.22	6.01	5.73	5.39	4.99	4.53	4.01	3.39	2.65	1.85	1.12	0.56	0.2	6.84	6.6	6.36	6.13	5.84	5.49
1.78	3.82	4.71	3.66	3.38	1.02	6.68	6.45	6.22	6.01	5.73	5.39	4.99	4.53	4.01	3.4	2.66	1.86	1.12	0.56	0.21	6.85	6.61	6.37	6.15	5.85	5.51
1.38	3.81	4.72	3.68	3.41	1.02	6.68	6.45	6.22	6	5.72	5.39	4.99	4.53	4.01	3.4	2.67	1.87	1.13	0.57	0.21	6.86	6.62	6.38	6.16	5.86	5.51
1.91	3.81	4.74	3.68	3.39	1.02	6.67	6.44	6.22	6	5.72	5.38	4.98	4.53	4.01	3.41	2.67	1.88	1.14	0.57	0.21	6.87	6.63	6.39	6.17	5.87	5.52
1.67	3.82	4.75	3.65	3.39	1.02	6.66	6.44	6.21	5.99	5.71	5.38	4.98	4.53	4.01	3.41	2.68	1.89	1.14	0.58	0.21	6.87	6.64	6.4	6.17	5.88	5.53
1.33	3.78	4.73	3.67	3.36	1.01	6.64	6.43	6.2	5.99	5.71	5.38	4.98	4.52	4.01	3.41	2.69	1.89	1.15	0.58	0.21	6.87	6.64	6.4	6.18	5.89	5.54
1.46	3.78	4.72	3.69	3.36	1.01	6.63	6.42	6.19	5.98	5.7	5.37	4.97	4.52	4.01	3.41	2.69	1.9	1.16	0.59	0.22	6.87	6.65	6.4	6.18	5.89	5.54
1.72	3.81	4.74	3.7	3.37	1.01	6.62	6.41	6.18	5.97	5.7	5.36	4.97	4.52	4.01	3.41	2.7	1.91	1.16	0.59	0.22	6.86	6.65	6.4	6.18	5.89	5.54
1.89	3.8	4.74	3.7	3.37	1.01	6.6	6.4	6.17	5.96	5.69	5.36	4.96	4.52	4.01	3.41	2.7	1.92	1.17	0.6	0.22	6.85	6.64	6.4	6.18	5.89	5.54
1.69	3.81	4.73	3.7	3.4	1	6.58	6.39	6.16	5.95	5.68	5.35	4.96	4.51	4.01	3.42	2.71	1.93	1.18	0.6	0.22	6.84	6.64	6.39	6.17	5.89	5.54
0.87	3.82	4.72	3.69	3.39	1	6.56	6.38	6.14	5.94	5.67	5.34	4.95	4.51	4.01	3.42	2.71	1.93	1.18	0.61	0.22	6.83	6.63	6.38	6.17	5.88	5.54
2.09	3.79	4.73	3.67	3.37	1	6.55	6.37	6.13	5.93	5.66	5.34	4.95	4.51	4.01	3.42	2.72	1.94	1.19	0.61	0.23	6.82	6.62	6.38	6.16	5.88	5.53
1.97	3.81	4.72	3.7	3.36	1	6.53	6.36	6.12	5.92	5.66	5.33	4.95	4.51	4.01	3.42	2.72	1.95	1.2	0.61	0.23	6.8	6.62	6.37	6.16	5.88	5.54
1.65	3.84	4.72	3.67	3.34	1	6.52	6.35	6.12	5.92	5.66	5.33	4.95	4.51	4.01	3.43	2.73	1.96	1.21	0.62	0.23	6.8	6.62	6.37	6.16	5.88	5.54
0.93	3.81	4.72	3.67	3.37	1	6.51	6.35	6.12	5.92	5.66	5.34	4.95	4.51	4.01	3.43	2.74	1.97	1.21	0.62	0.23	6.79	6.62	6.38	6.17	5.88	5.54
1.18	3.82	4.73	3.68	3.37	1	6.51	6.36	6.13	5.93	5.66	5.34	4.95	4.51	4.02	3.44	2.75	1.98	1.22	0.63	0.23	6.8	6.63	6.39	6.18	5.89	5.55
2.12	3.82	4.71	3.67	3.37	1	6.52	6.37	6.14	5.94	5.67	5.35	4.96	4.52	4.03	3.45	2.76	1.99	1.23	0.63	0.23	6.8	6.64	6.4	6.19	5.9	5.56
1.96	3.81	4.73	3.7	3.38	1	6.53	6.38	6.15	5.95	5.68	5.36	4.97	4.53	4.03	3.46	2.77	2	1.25	0.64	0.24	6.82	6.66	6.41	6.2	5.92	5.57
0.76	3.81	4.74	3.68	3.37	1	6.54	6.39	6.16	5.96	5.69	5.37	4.98	4.53	4.04	3.47	2.78	2.02	1.26	0.65	0.24	6.83	6.67	6.43	6.22	5.93	5.58
1.57	3.83	4.72	3.67	3.36	1	6.55	6.4	6.17	5.97	5.7	5.37	4.98	4.54	4.05	3.48	2.8	2.03	1.27	0.66	0.24	6.85	6.69	6.45	6.23	5.94	5.6
1.8	3.83	4.72	3.65	3.39	1	6.56	6.41	6.18	5.98	5.71	5.38	4.99	4.55	4.06	3.49	2.81	2.05	1.28	0.66	0.25	6.86	6.71	6.46	6.25	5.96	5.61
2.03	3.8	4.71	3.68	3.37	1	6.57	6.42	6.19	5.99	5.72	5.39	5	4.56	4.07	3.5	2.82	2.06	1.3	0.67	0.25	6.87	6.72	6.47	6.26	5.97	5.62
1.9	3.8	4.69	3.66	3.37	1	6.58	6.43	6.21	6	5.73	5.4	5	4.56	4.08	3.51	2.84	2.08	1.31	0.68	0.25	6.89	6.73	6.49	6.27	5.98	5.63
2	3.77	4.71	3.66	3.39	1	6.59	6.44	6.22	6.01	5.74	5.41	5.01	4.57	4.08	3.52	2.85	2.09	1.32	0.69	0.26	6.9	6.75	6.51	6.29	5.99	5.64
2.01	3.78	4.72	3.69	3.37	1	6.6	6.45	6.23	6.02	5.75	5.41	5.02	4.58	4.09	3.53	2.87	2.11	1.33	0.7	0.26	6.91	6.76	6.52	6.3	6	5.65
1.73	3.8	4.72	3.68	3.38	1	6.61	6.46	6.24	6.03	5.75	5.42	5.02	4.58	4.1	3.54	2.88	2.12	1.35	0.71	0.27	6.93	6.77	6.54	6.31	6.01	5.66
1.93	3.79	4.72	3.69	3.39	1	6.61	6.47	6.25	6.03	5.76	5.42	5.03	4.59	4.1	3.55	2.89	2.13	1.36	0.72	0.27	6.94	6.78	6.54	6.32	6.02	5.66
2.12	3.81	4.71	3.69	3.39	1	6.62	6.47	6.25	6.04	5.76	5.43	5.03	4.59	4.11	3.56	2.9	2.14	1.37	0.73	0.28	6.95	6.78	6.55	6.32	6.03	5.67
2.19	3.81	4.71	3.7	3.38	1	6.63	6.47	6.26	6.04	5.77	5.43	5.03	4.59	4.11	3.57	2.91	2.16	1.38	0.73	0.28	6.95	6.78	6.55	6.32	6.03	5.67
2.22	3.78	4.7	3.7	3.39	0.99	6.64	6.47	6.26	6.04	5.77	5.43	5.03	4.59	4.11	3.57	2.92	2.17	1.39	0.74	0.29	6.96	6.78	6.56	6.33	6.03	5.67
2.14	3.81	4.71	3.67	3.41	0.99	6.65	6.48	6.26	6.05	5.77	5.43	5.04	4.6	4.12	3.58	2.93	2.17	1.4	0.75	0.29	6.97	6.79	6.56	6.33	6.04	5.68
1.84	3.78	4.71	3.68	3.36	0.99	6.66	6.48	6.27	6.05	5.78	5.44	5.04	4.6	4.12	3.58	2.94	2.18	1.4	0.76	0.29	6.98	6.79	6.56	6.33	6.04	5.68
1.94	3.79	4.68	3.65	3.37	0.99	6.67	6.5	6.28	6.06	5.79	5.45	5.05	4.6	4.12	3.59	2.95	2.19	1.41	0.76	0.3	6.99	6.8	6.57	6.34		

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.77	3.82	4.71	3.71	3.39	1.02	6.78	6.6	6.37	6.14	5.85	5.5	5.09	4.64	4.16	3.64	3.08	2.43	1.7	1.02	0.44	7.02	6.83	6.58	6.34	6.03	5.67
1.85	3.82	4.71	3.7	3.37	1.01	6.78	6.6	6.37	6.14	5.85	5.5	5.09	4.64	4.16	3.65	3.09	2.44	1.72	1.03	0.45	7.01	6.82	6.57	6.34	6.03	5.67
1.9	3.85	4.71	3.69	3.39	1.01	6.78	6.6	6.37	6.14	5.85	5.51	5.1	4.65	4.17	3.66	3.1	2.45	1.73	1.04	0.46	7.01	6.82	6.57	6.34	6.03	5.67
1.53	3.82	4.74	3.7	3.36	1	6.78	6.6	6.37	6.14	5.86	5.51	5.1	4.66	4.18	3.67	3.11	2.46	1.74	1.05	0.48	7.01	6.82	6.57	6.33	6.03	5.67
1.92	3.81	4.73	3.67	3.37	1	6.78	6.6	6.37	6.14	5.86	5.51	5.11	4.66	4.19	3.68	3.12	2.47	1.76	1.07	0.49	7.01	6.81	6.57	6.33	6.03	5.67
1.65	3.81	4.73	3.64	3.36	1	6.79	6.6	6.37	6.15	5.87	5.52	5.12	4.67	4.19	3.68	3.13	2.48	1.77	1.08	0.5	7.01	6.82	6.57	6.34	6.04	5.67
1.81	3.81	4.73	3.64	3.36	0.99	6.79	6.61	6.38	6.16	5.87	5.53	5.12	4.68	4.2	3.69	3.14	2.49	1.78	1.09	0.51	7.01	6.82	6.57	6.34	6.04	5.68
1.46	3.8	4.73	3.7	3.36	0.99	6.8	6.62	6.38	6.16	5.88	5.53	5.13	4.68	4.2	3.7	3.15	2.5	1.79	1.1	0.51	7.01	6.82	6.57	6.34	6.04	5.68
1.99	3.81	4.72	3.69	3.36	0.99	6.8	6.63	6.39	6.17	5.88	5.53	5.13	4.68	4.21	3.71	3.15	2.51	1.79	1.1	0.52	7.01	6.82	6.57	6.34	6.04	5.68
1.96	3.79	4.71	3.7	3.34	0.99	6.8	6.63	6.39	6.17	5.88	5.53	5.13	4.68	4.21	3.71	3.15	2.51	1.79	1.11	0.52	7	6.82	6.56	6.34	6.03	5.67
1.97	3.8	4.72	3.67	3.38	0.99	6.79	6.63	6.39	6.17	5.88	5.53	5.13	4.68	4.21	3.71	3.15	2.51	1.79	1.11	0.52	6.99	6.81	6.56	6.33	6.02	5.66
2.13	3.81	4.72	3.63	3.4	0.98	6.79	6.63	6.38	6.16	5.87	5.53	5.12	4.68	4.21	3.71	3.15	2.51	1.79	1.11	0.52	6.97	6.8	6.54	6.32	6.01	5.65
2.12	3.8	4.74	3.65	3.38	0.98	6.78	6.62	6.38	6.16	5.87	5.52	5.12	4.67	4.21	3.71	3.15	2.51	1.79	1.11	0.52	6.95	6.79	6.53	6.3	6	5.64
2.24	3.81	4.74	3.7	3.37	0.98	6.78	6.61	6.37	6.15	5.86	5.52	5.11	4.67	4.2	3.7	3.15	2.5	1.79	1.1	0.52	6.94	6.77	6.52	6.29	5.99	5.63
2.1	3.75	4.72	3.66	3.39	0.98	6.77	6.61	6.37	6.15	5.86	5.52	5.11	4.67	4.2	3.7	3.14	2.5	1.78	1.1	0.52	6.93	6.76	6.5	6.28	5.97	5.62
1.97	3.84	4.71	3.69	3.4	0.99	6.78	6.61	6.37	6.15	5.86	5.51	5.11	4.66	4.2	3.7	3.14	2.49	1.78	1.1	0.51	6.92	6.74	6.49	6.26	5.96	5.61
1.48	3.83	4.71	3.69	3.41	0.99	6.78	6.61	6.37	6.15	5.86	5.51	5.11	4.66	4.19	3.69	3.13	2.49	1.77	1.09	0.51	6.91	6.73	6.49	6.25	5.95	5.59
1.97	3.79	4.74	3.67	3.39	0.99	6.79	6.62	6.38	6.15	5.86	5.51	5.11	4.66	4.19	3.69	3.13	2.48	1.77	1.09	0.51	6.91	6.73	6.48	6.24	5.94	5.59
2.04	3.8	4.72	3.68	3.4	0.99	6.8	6.62	6.38	6.15	5.86	5.51	5.11	4.66	4.18	3.68	3.12	2.48	1.76	1.08	0.51	6.9	6.72	6.47	6.23	5.93	5.57
2.03	3.82	4.72	3.65	3.39	0.99	6.81	6.62	6.39	6.16	5.86	5.51	5.11	4.66	4.18	3.68	3.12	2.47	1.76	1.08	0.5	6.9	6.71	6.46	6.22	5.92	5.56
1.84	3.82	4.7	3.68	3.37	1	6.81	6.63	6.39	6.15	5.86	5.51	5.1	4.65	4.18	3.68	3.11	2.47	1.76	1.08	0.5	6.89	6.69	6.44	6.21	5.91	5.55
2	3.81	4.74	3.66	3.38	1	6.82	6.63	6.39	6.15	5.86	5.51	5.1	4.65	4.18	3.67	3.11	2.46	1.75	1.07	0.5	6.87	6.68	6.43	6.19	5.89	5.54
1.96	3.82	4.73	3.7	3.37	1	6.82	6.62	6.38	6.15	5.86	5.51	5.1	4.65	4.18	3.67	3.11	2.46	1.75	1.07	0.5	6.86	6.66	6.41	6.17	5.88	5.52
2.06	3.83	4.75	3.69	3.38	1	6.81	6.62	6.38	6.15	5.86	5.5	5.1	4.65	4.17	3.67	3.11	2.46	1.75	1.07	0.5	6.84	6.64	6.4	6.16	5.86	5.51
1.95	3.8	4.73	3.68	3.39	1.01	6.81	6.62	6.38	6.15	5.85	5.5	5.09	4.65	4.17	3.66	3.1	2.46	1.75	1.07	0.5	6.83	6.63	6.38	6.15	5.85	5.49
1.41	3.81	4.73	3.65	3.4	1.01	6.81	6.62	6.38	6.14	5.85	5.5	5.09	4.64	4.17	3.66	3.1	2.46	1.75	1.07	0.5	6.81	6.62	6.37	6.13	5.84	5.48
1.93	3.82	4.71	3.66	3.38	1.01	6.8	6.62	6.37	6.14	5.85	5.5	5.09	4.64	4.17	3.66	3.1	2.46	1.75	1.07	0.5	6.79	6.6	6.35	6.12	5.82	5.46
1.43	3.83	4.73	3.7	3.37	1.02	6.79	6.61	6.37	6.14	5.84	5.49	5.08	4.63	4.16	3.65	3.1	2.46	1.75	1.08	0.5	6.77	6.59	6.34	6.1	5.8	5.45
1.68	3.81	4.72	3.71	3.39	1.02	6.78	6.61	6.36	6.13	5.83	5.48	5.07	4.62	4.15	3.65	3.1	2.46	1.75	1.08	0.51	6.74	6.57	6.31	6.08	5.78	5.43
2.07	3.82	4.72	3.72	3.41	1.02	6.76	6.59	6.34	6.12	5.82	5.47	5.06	4.61	4.14	3.64	3.09	2.46	1.75	1.08	0.51	6.71	6.54	6.29	6.06	5.76	5.41
1.98	3.8	4.72	3.71	3.37	1.02	6.74	6.57	6.33	6.1	5.8	5.45	5.04	4.6	4.13	3.63	3.09	2.45	1.75	1.08	0.51	6.68	6.51	6.26	6.03	5.73	5.38
1.57	3.8	4.7	3.69	3.37	1.02	6.71	6.55	6.3	6.08	5.78	5.43	5.03	4.58	4.12	3.62	3.08	2.45	1.75	1.08	0.51	6.64	6.48	6.23	6	5.71	5.35
2.06	3.79	4.71	3.67	3.37	1.02	6.69	6.53	6.28	6.05	5.76	5.41	5.01	4.57	4.1	3.61	3.07	2.44	1.74	1.08	0.51	6.61	6.45	6.2	5.97	5.68	5.33
2	3.82	4.73	3.71	3.4	1.02	6.66	6.5	6.26	6.03	5.74	5.39	4.99	4.55	4.09	3.59	3.06	2.43	1.74	1.08	0.51	6.58	6.41	6.17	5.94	5.65	5.3
2.24	3.85	4.73	3.73	3.44	1.01	6.63	6.47	6.23	6.01	5.71	5.37	4.97	4.53	4.07	3.58	3.04	2.42	1.74	1.07	0.5	6.54	6.38	6.14	5.91	5.62	5.27
1.59	3.83	4.71	3.67	3.4	1.01	6.61	6.45	6.21	5.98	5.69	5.35	4.95	4.52	4.06	3.56	3.03	2.41	1.73	1.07	0.5	6.51	6.35	6.11	5.88	5.59	5.24
1.63	3.82	4.73	3.66	3.4	1.01	6.58	6.42	6.18	5.96	5.67	5.33	4.93	4.5	4.04	3.55	3.01	2.4	1.73	1.07	0.5	6.48	6.32	6.08	5.86	5.57	5.22
1.86	3.81	4.74	3.7	3.39	1	6.55	6.4	6.16	5.94	5.65	5.31	4.91	4.48	4.03	3.54	3	2.39	1.72	1.07	0.5	6.45	6.29	6.05	5.83	5.54	5.2
1.94	3.83	4.71	3.71	3.4	1	6.53	6.37	6.13	5.91	5.63	5.29	4.9	4.47	4.01	3.52	2.99	2.38	1.71	1.06	0.5	6.42	6.26	6.03	5.8	5.52	5.18
1.65	3.82	4.71	3.71	3.4	1	6.5	6.35	6.11	5.89	5.61	5.27	4.88	4.45	4	3.51	2.97	2.37	1.71	1.06	0.5	6.4	6.24	6	5.78	5.49	5.16
1.68	3.82	4.71	3.68	3.39	0.99	6.48	6.33	6.09	5.87	5.59	5.25	4.86	4.43	3.98	3.49	2.96	2.36	1.7	1.06	0.49	6.37	6.21	5.98	5.75	5.47	5.14
1.66	3.8	4.73	3.62	3.38	0.99	6.46	6.31	6.07	5.85	5.57	5.24	4.85	4.42	3.97	3.48	2.95	2.35	1.69	1.05	0.49	6.35	6.19	5.96	5.73	5.45	5.12
1.88	3.78	4.72	3.68	3.36	0.98	6.45	6.29	6.06	5.84	5.55	5.22	4.83	4.4	3.95	3.47	2.94	2.34	1.69	1.05	0.48	6.33	6.17	5.94	5.71	5.43	5.1
1.93	3.8	4.71	3.69	3.37	0.98	6.44	6.27	6.04	5.82	5.54	5.21	4.82	4.39	3.94	3.45	2.93	2.33	1.68	1.04	0.48	6.32	6.15	5.92	5.7	5.42	5.09
1.84	3.81	4.73	3.71	3.38	0.97	6.43	6.26	6.03	5.81	5.53	5.2	4.81	4.38	3.92	3.44	2.92	2.33	1.68	1.04	0.48	6.3	6.14	5.9	5.69	5.41	5.08
2.21	3.83	4.74	3.67	3.36	0.97	6.42	6.26	6.02	5.8	5.52	5.19	4.8	4.37	3.91	3.44	2.91	2.33	1.68	1.04	0.48	6.3	6.13	5.89	5.68	5.4	5.07
2.09	3.83	4.72	3.69	3.38	0.97	6.42	6.25	6.01	5.8	5.52	5.18	4.79	4.36	3.91	3.43	2.91	2.33	1.68	1.05	0.48	6.29	6.13	5.89	5.67	5.39	5.06
1.92	3.79	4.72	3.68	3.38	0.97	6.41	6.25	6.01	5.79	5.51	5.18	4.79	4.36	3.9	3.42	2.91	2.33	1.69	1.05	0.48	6.29	6.12	5.88	5.67	5.39	5.06
2.07	3.79	4.73	3.63	3.36	0.97	6.41	6.25	6.01	5.79	5.51	5.18	4.79	4.35	3.9	3.42	2.91	2.33	1.69	1.06	0.48	6.29	6.12	5.88	5.67	5.39	5.06
2.07	3.8	4.73	3.66	3.38	0.97	6.41	6.25	6.01	5.79	5.51	5.18	4.79	4.35	3.89	3.42	2.91	2.33	1.7	1.06	0.49	6.29					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.01	3.78	4.73	3.67	3.36	0.98	6.26	6.12	5.91	5.69	5.42	5.09	4.7	4.28	3.82	3.35	2.86	2.34	1.78	1.2	0.62	6.68	6.53	6.3	6.07	5.77	5.41
2.08	3.78	4.7	3.71	3.38	0.98	6.25	6.11	5.9	5.69	5.41	5.08	4.7	4.27	3.82	3.34	2.85	2.34	1.78	1.19	0.62	6.67	6.51	6.29	6.05	5.76	5.4
1.97	3.8	4.7	3.69	3.35	0.98	6.24	6.1	5.89	5.68	5.4	5.07	4.69	4.27	3.81	3.34	2.85	2.33	1.77	1.19	0.62	6.65	6.5	6.28	6.04	5.75	5.39
1.69	3.8	4.69	3.66	3.38	0.98	6.23	6.09	5.88	5.67	5.4	5.07	4.69	4.26	3.81	3.34	2.84	2.33	1.77	1.19	0.61	6.64	6.49	6.26	6.03	5.74	5.38
1.73	3.8	4.7	3.68	3.37	0.98	6.22	6.08	5.88	5.66	5.39	5.06	4.68	4.26	3.81	3.33	2.84	2.33	1.77	1.18	0.61	6.63	6.47	6.25	6.02	5.72	5.37
1.43	3.8	4.71	3.7	3.37	0.98	6.22	6.08	5.87	5.66	5.39	5.06	4.68	4.25	3.81	3.33	2.84	2.32	1.76	1.18	0.6	6.62	6.47	6.24	6.01	5.72	5.36
2.1	3.8	4.71	3.68	3.37	0.98	6.22	6.09	5.87	5.66	5.39	5.06	4.68	4.25	3.8	3.33	2.83	2.32	1.76	1.18	0.6	6.61	6.46	6.23	6	5.71	5.35
1.95	3.78	4.69	3.72	3.36	0.98	6.22	6.09	5.88	5.66	5.39	5.06	4.68	4.25	3.8	3.33	2.83	2.32	1.76	1.18	0.6	6.6	6.46	6.23	6	5.7	5.35
1.97	3.8	4.71	3.7	3.39	0.98	6.23	6.1	5.88	5.67	5.4	5.06	4.68	4.25	3.8	3.33	2.83	2.32	1.76	1.18	0.6	6.6	6.46	6.22	5.99	5.7	5.34
1.53	3.8	4.72	3.67	3.39	0.98	6.24	6.11	5.89	5.67	5.4	5.07	4.68	4.26	3.8	3.33	2.83	2.32	1.76	1.18	0.6	6.6	6.46	6.22	5.99	5.69	5.34
1.76	3.79	4.72	3.66	3.38	0.98	6.25	6.11	5.89	5.68	5.4	5.07	4.68	4.26	3.8	3.33	2.83	2.32	1.76	1.18	0.6	6.59	6.45	6.21	5.98	5.69	5.33
1.88	3.83	4.7	3.66	3.36	0.98	6.25	6.11	5.89	5.68	5.4	5.07	4.68	4.26	3.8	3.32	2.83	2.32	1.76	1.18	0.6	6.59	6.44	6.2	5.97	5.68	5.32
2.12	3.81	4.67	3.7	3.38	0.98	6.25	6.11	5.89	5.68	5.4	5.07	4.68	4.25	3.8	3.32	2.83	2.32	1.76	1.18	0.6	6.57	6.42	6.18	5.96	5.66	5.31
2.24	3.77	4.72	3.68	3.39	0.98	6.25	6.1	5.88	5.67	5.4	5.06	4.68	4.25	3.8	3.32	2.82	2.31	1.76	1.17	0.59	6.56	6.4	6.16	5.94	5.65	5.29
1.87	3.79	4.7	3.66	3.41	0.98	6.24	6.09	5.87	5.66	5.39	5.06	4.67	4.24	3.79	3.31	2.82	2.31	1.75	1.17	0.58	6.54	6.38	6.14	5.92	5.63	5.28
1.74	3.81	4.73	3.67	3.37	0.98	6.23	6.08	5.86	5.65	5.38	5.05	4.66	4.24	3.78	3.3	2.81	2.3	1.74	1.16	0.58	6.52	6.36	6.13	5.91	5.61	5.26
1.56	3.79	4.72	3.66	3.39	0.98	6.22	6.08	5.85	5.65	5.37	5.04	4.65	4.23	3.77	3.29	2.8	2.29	1.74	1.15	0.57	6.5	6.34	6.11	5.89	5.6	5.25
1.57	3.8	4.72	3.67	3.4	0.98	6.21	6.07	5.85	5.64	5.37	5.03	4.65	4.22	3.76	3.28	2.8	2.28	1.73	1.14	0.56	6.48	6.33	6.09	5.88	5.58	5.23
1.75	3.8	4.71	3.69	3.39	0.98	6.2	6.06	5.84	5.63	5.36	5.03	4.64	4.21	3.75	3.27	2.79	2.27	1.72	1.13	0.55	6.46	6.32	6.08	5.86	5.57	5.22
2.23	3.8	4.73	3.67	3.39	0.98	6.19	6.06	5.84	5.63	5.35	5.02	4.63	4.2	3.74	3.27	2.78	2.27	1.71	1.12	0.54	6.44	6.3	6.07	5.85	5.55	5.21
2.33	3.82	4.73	3.7	3.4	0.98	6.18	6.05	5.83	5.61	5.34	5.01	4.62	4.19	3.73	3.25	2.77	2.26	1.7	1.11	0.52	6.43	6.29	6.05	5.83	5.54	5.19
2.29	3.81	4.72	3.7	3.4	0.98	6.16	6.03	5.82	5.6	5.33	5	4.61	4.18	3.72	3.25	2.76	2.25	1.69	1.1	0.51	6.41	6.27	6.04	5.81	5.52	5.18
1.98	3.81	4.73	3.69	3.36	0.98	6.15	6.02	5.8	5.59	5.32	4.99	4.6	4.17	3.72	3.24	2.75	2.24	1.68	1.09	0.5	6.39	6.25	6.02	5.8	5.51	5.16
2.09	3.81	4.71	3.66	3.42	0.98	6.14	6.01	5.79	5.58	5.31	4.98	4.59	4.17	3.71	3.24	2.75	2.23	1.67	1.08	0.49	6.38	6.24	6.01	5.78	5.49	5.15
2.18	3.82	4.72	3.69	3.38	0.98	6.13	6	5.79	5.57	5.3	4.97	4.59	4.16	3.71	3.23	2.75	2.23	1.67	1.07	0.48	6.37	6.23	6	5.77	5.49	5.15
1.83	3.8	4.7	3.67	3.37	0.98	6.13	6	5.79	5.57	5.3	4.97	4.59	4.16	3.71	3.23	2.74	2.22	1.66	1.06	0.47	6.36	6.22	6	5.77	5.48	5.14
1.73	3.8	4.72	3.68	3.38	0.98	6.14	6	5.79	5.57	5.3	4.97	4.59	4.17	3.71	3.24	2.74	2.22	1.66	1.06	0.46	6.37	6.22	6	5.77	5.49	5.14
1.59	3.79	4.72	3.66	3.39	0.98	6.14	6	5.8	5.58	5.31	4.98	4.59	4.17	3.72	3.24	2.75	2.23	1.66	1.05	0.46	6.38	6.23	6.01	5.78	5.49	5.15
1.98	3.81	4.74	3.68	3.39	0.98	6.16	6.01	5.81	5.59	5.32	4.99	4.6	4.18	3.73	3.25	2.75	2.23	1.66	1.05	0.45	6.39	6.24	6.02	5.79	5.5	5.16
1.84	3.81	4.69	3.64	3.39	0.98	6.17	6.02	5.82	5.6	5.33	5	4.61	4.19	3.74	3.26	2.76	2.24	1.67	1.05	0.45	6.4	6.25	6.04	5.8	5.52	5.17
1.47	3.81	4.72	3.67	3.39	0.98	6.18	6.04	5.83	5.62	5.35	5.01	4.62	4.2	3.75	3.28	2.78	2.25	1.68	1.06	0.45	6.42	6.27	6.05	5.82	5.54	5.18
1.79	3.82	4.74	3.71	3.41	0.98	6.2	6.05	5.85	5.63	5.36	5.03	4.64	4.21	3.76	3.29	2.79	2.26	1.68	1.06	0.45	6.43	6.28	6.07	5.84	5.55	5.2
1.98	3.8	4.72	3.67	3.37	0.98	6.21	6.07	5.86	5.64	5.37	5.04	4.65	4.23	3.78	3.31	2.81	2.28	1.69	1.07	0.46	6.45	6.3	6.08	5.85	5.57	5.22
1.82	3.81	4.71	3.68	3.4	0.98	6.22	6.08	5.88	5.66	5.39	5.06	4.67	4.25	3.79	3.32	2.82	2.29	1.71	1.08	0.46	6.46	6.31	6.09	5.87	5.58	5.23
1.89	3.81	4.73	3.66	3.37	0.98	6.23	6.1	5.89	5.67	5.4	5.07	4.68	4.26	3.81	3.34	2.84	2.31	1.72	1.09	0.47	6.47	6.33	6.11	5.88	5.6	5.25
1.88	3.82	4.71	3.63	3.39	0.98	6.25	6.11	5.9	5.69	5.42	5.09	4.7	4.28	3.83	3.36	2.86	2.32	1.73	1.09	0.47	6.49	6.34	6.12	5.9	5.61	5.27
1.72	3.82	4.73	3.65	3.39	0.98	6.26	6.13	5.92	5.71	5.44	5.11	4.72	4.3	3.85	3.38	2.88	2.34	1.74	1.1	0.48	6.5	6.36	6.14	5.92	5.63	5.29
1.51	3.82	4.71	3.69	3.37	0.98	6.28	6.15	5.94	5.73	5.46	5.13	4.75	4.32	3.87	3.4	2.9	2.36	1.76	1.11	0.49	6.52	6.38	6.16	5.94	5.65	5.31
1.96	3.8	4.72	3.67	3.37	0.98	6.3	6.18	5.97	5.75	5.48	5.16	4.77	4.35	3.9	3.42	2.92	2.37	1.77	1.12	0.49	6.54	6.41	6.19	5.96	5.68	5.33
1.5	3.8	4.71	3.69	3.36	0.98	6.33	6.21	6	5.78	5.51	5.18	4.8	4.37	3.92	3.44	2.94	2.39	1.79	1.13	0.5	6.56	6.44	6.21	5.99	5.7	5.36
1.85	3.8	4.73	3.71	3.35	0.98	6.35	6.24	6.03	5.81	5.54	5.21	4.82	4.4	3.95	3.47	2.96	2.41	1.8	1.15	0.52	6.59	6.47	6.25	6.02	5.73	5.38
2.06	3.83	4.72	3.7	3.37	0.98	6.38	6.27	6.06	5.84	5.57	5.24	4.85	4.42	3.97	3.49	2.98	2.43	1.82	1.16	0.53	6.61	6.5	6.27	6.05	5.76	5.41
1.89	3.8	4.73	3.68	3.39	0.98	6.4	6.3	6.09	5.87	5.6	5.27	4.88	4.45	4	3.52	3.01	2.45	1.83	1.17	0.54	6.64	6.53	6.3	6.07	5.79	5.44
2.07	3.81	4.72	3.69	3.41	0.98	6.43	6.33	6.12	5.9	5.63	5.3	4.91	4.48	4.02	3.54	3.03	2.47	1.85	1.19	0.55	6.66	6.56	6.33	6.1	5.81	5.46
1.91	3.84	4.71	3.65	3.38	0.98	6.46	6.36	6.14	5.93	5.65	5.32	4.93	4.5	4.05	3.57	3.06	2.49	1.86	1.2	0.56	6.69	6.58	6.35	6.13	5.84	5.49
1.67	3.8	4.72	3.7	3.4	0.98	6.49	6.38	6.17	5.95	5.68	5.35	4.96	4.53	4.07	3.59	3.08	2.51	1.87	1.2	0.57	6.71	6.6	6.37	6.15	5.86	5.51
1.95	3.82	4.73	3.71	3.4	0.98	6.51	6.41	6.19	5.98	5.7	5.37	4.98	4.55	4.09	3.61	3.1	2.52	1.88	1.21	0.57	6.73	6.63	6.39	6.17	5.89	5.54
1.85	3.81	4.72	3.69	3.39	0.98	6.53	6.44	6.21	6	5.73	5.4	5	4.58	4.12	3.63	3.11	2.54	1.89	1.21	0.57	6.75	6.65	6.42	6.19	5.91	5.56
1.59	3.81	4.72	3.7	3.37	0.98	6.55	6.46	6.24	6.03	5.75	5.42	5.03	4.6	4.14	3.65	3.13	2.54	1.89	1.21	0.57	6.77	6.68	6.44	6.22	5.93	5.58
1.27	3.81	4.72	3.66	3.37	0.98	6.57	6.49	6.26	6.05	5.78	5.44	5.05	4.62	4.15	3.66	3.14	2.55	1.89	1.21	0.56	6.79</					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.34	3.79	4.72	3.72	3.39	0.98	7.04	6.88	6.65	6.43	6.13	5.78	5.38	4.95	4.47	3.92	3.27	2.5	1.7	0.97	0.39	7.3	7.13	6.89	6.65	6.34	5.97
2.15	3.81	4.72	3.71	3.39	0.99	7.07	6.9	6.67	6.44	6.15	5.79	5.39	4.95	4.47	3.93	3.27	2.5	1.69	0.96	0.39	7.34	7.16	6.92	6.68	6.36	5.99
2.09	3.88	4.72	3.82	3.78	0.99	7.09	6.92	6.68	6.45	6.16	5.8	5.4	4.96	4.48	3.93	3.27	2.49	1.69	0.96	0.39	7.37	7.19	6.94	6.7	6.38	6.01
1.78	3.83	4.73	3.75	3.62	0.99	7.1	6.93	6.7	6.46	6.17	5.81	5.4	4.96	4.48	3.93	3.27	2.49	1.68	0.95	0.39	7.4	7.22	6.97	6.72	6.41	6.03
2.06	3.83	4.72	3.71	3.39	1	7.11	6.94	6.71	6.47	6.17	5.82	5.41	4.97	4.49	3.93	3.27	2.49	1.68	0.95	0.39	7.43	7.25	7	6.75	6.43	6.05
2.08	3.78	4.69	3.69	3.39	1	7.12	6.95	6.71	6.48	6.18	5.82	5.41	4.97	4.49	3.93	3.26	2.48	1.67	0.95	0.38	7.46	7.28	7.03	6.78	6.45	6.07
1.51	3.82	4.7	3.67	3.38	1.01	7.13	6.97	6.72	6.48	6.18	5.82	5.41	4.97	4.49	3.93	3.26	2.48	1.67	0.94	0.38	7.49	7.32	7.06	6.8	6.48	6.1
1.74	3.82	4.69	3.69	3.42	1.01	7.13	6.98	6.73	6.49	6.18	5.82	5.41	4.97	4.49	3.93	3.26	2.47	1.66	0.94	0.38	7.52	7.35	7.08	6.83	6.51	6.12
1.74	3.81	4.72	3.71	3.43	1.01	7.13	6.98	6.73	6.49	6.18	5.82	5.41	4.97	4.48	3.92	3.25	2.47	1.66	0.93	0.38	7.55	7.39	7.11	6.86	6.53	6.14
1.85	3.81	4.72	3.69	3.39	1.01	7.13	6.98	6.72	6.48	6.18	5.81	5.4	4.96	4.48	3.92	3.24	2.46	1.65	0.93	0.37	7.58	7.42	7.14	6.88	6.55	6.16
1.97	3.82	4.68	3.7	3.39	1.01	7.12	6.97	6.71	6.47	6.16	5.8	5.39	4.95	4.47	3.91	3.23	2.45	1.64	0.92	0.37	7.61	7.44	7.16	6.9	6.57	6.17
2.27	3.82	4.72	3.68	3.4	1.01	7.1	6.95	6.69	6.45	6.14	5.78	5.37	4.93	4.45	3.9	3.22	2.44	1.63	0.92	0.37	7.62	7.45	7.16	6.91	6.57	6.18
2.15	3.82	4.71	3.67	3.42	1.01	7.08	6.92	6.66	6.42	6.12	5.76	5.35	4.92	4.44	3.89	3.22	2.44	1.62	0.91	0.37	7.63	7.45	7.16	6.91	6.57	6.18
1.8	3.8	4.72	3.67	3.41	1.01	7.05	6.89	6.63	6.39	6.09	5.73	5.33	4.9	4.42	3.87	3.21	2.43	1.62	0.91	0.36	7.62	7.44	7.15	6.9	6.56	6.17
1.95	3.82	4.7	3.66	3.4	1	7.02	6.85	6.59	6.36	6.06	5.71	5.3	4.87	4.4	3.86	3.2	2.42	1.61	0.91	0.36	7.62	7.43	7.14	6.89	6.56	6.17
1.86	3.8	4.7	3.71	3.4	1	6.99	6.82	6.56	6.33	6.03	5.68	5.28	4.85	4.39	3.85	3.19	2.41	1.61	0.9	0.36	7.62	7.42	7.13	6.88	6.55	6.16
1.75	3.77	4.69	3.69	3.38	1	6.97	6.79	6.53	6.3	6	5.66	5.26	4.84	4.37	3.83	3.18	2.41	1.6	0.9	0.36	7.62	7.42	7.13	6.87	6.54	6.16
1.51	3.78	4.7	3.7	3.36	0.99	6.95	6.77	6.51	6.28	5.98	5.64	5.24	4.82	4.36	3.82	3.17	2.4	1.6	0.9	0.36	7.62	7.42	7.13	6.87	6.54	6.16
2.14	3.81	4.72	3.71	3.38	0.99	6.93	6.75	6.5	6.26	5.97	5.62	5.23	4.81	4.35	3.81	3.16	2.39	1.59	0.9	0.37	7.63	7.43	7.14	6.88	6.55	6.16
2.25	3.83	4.71	3.69	3.39	0.99	6.92	6.74	6.48	6.25	5.95	5.61	5.22	4.8	4.34	3.8	3.15	2.39	1.59	0.9	0.37	7.64	7.44	7.15	6.89	6.55	6.17
1.63	3.82	4.7	3.65	3.39	0.99	6.9	6.73	6.47	6.24	5.94	5.6	5.21	4.79	4.33	3.8	3.15	2.38	1.59	0.9	0.37	7.65	7.45	7.16	6.9	6.56	6.17
2.02	3.83	4.72	3.68	3.39	0.98	6.89	6.71	6.46	6.22	5.93	5.58	5.2	4.78	4.32	3.79	3.14	2.38	1.59	0.9	0.38	7.65	7.45	7.16	6.9	6.56	6.18
2.02	3.81	4.72	3.67	3.41	0.98	6.87	6.7	6.44	6.21	5.91	5.57	5.19	4.77	4.32	3.78	3.14	2.38	1.6	0.91	0.38	7.65	7.45	7.16	6.9	6.56	6.18
2.02	3.8	4.72	3.67	3.4	0.98	6.86	6.68	6.43	6.2	5.9	5.56	5.18	4.76	4.31	3.78	3.13	2.38	1.6	0.92	0.39	7.65	7.45	7.16	6.9	6.56	6.18
2.08	3.79	4.7	3.65	3.38	0.98	6.84	6.66	6.41	6.18	5.89	5.55	5.17	4.76	4.31	3.78	3.14	2.39	1.61	0.92	0.39	7.64	7.44	7.15	6.89	6.56	6.17
2.12	3.81	4.71	3.67	3.39	0.98	6.83	6.65	6.4	6.16	5.87	5.54	5.16	4.75	4.3	3.77	3.14	2.39	1.61	0.93	0.4	7.63	7.43	7.14	6.88	6.55	6.16
1.91	3.78	4.69	3.66	3.39	0.97	6.81	6.63	6.38	6.15	5.86	5.52	5.15	4.74	4.29	3.77	3.14	2.39	1.62	0.93	0.4	7.62	7.41	7.13	6.87	6.54	6.15
1.55	3.8	4.69	3.68	3.37	0.97	6.8	6.62	6.37	6.14	5.85	5.51	5.14	4.73	4.29	3.77	3.14	2.4	1.62	0.94	0.4	7.61	7.4	7.12	6.86	6.53	6.15
2.16	3.81	4.68	3.68	3.38	0.97	6.79	6.61	6.36	6.13	5.84	5.5	5.13	4.73	4.28	3.76	3.13	2.4	1.63	0.94	0.41	7.6	7.4	7.11	6.85	6.52	6.14
1.63	3.77	4.72	3.66	3.37	0.97	6.78	6.6	6.35	6.12	5.83	5.49	5.12	4.72	4.27	3.76	3.13	2.4	1.63	0.95	0.41	7.6	7.4	7.11	6.85	6.52	6.13
2.13	3.81	4.73	3.68	3.37	0.97	6.78	6.6	6.35	6.11	5.82	5.49	5.11	4.71	4.27	3.75	3.13	2.4	1.64	0.95	0.41	7.59	7.39	7.11	6.84	6.51	6.13
1.98	3.81	4.7	3.72	3.38	0.97	6.77	6.6	6.35	6.11	5.82	5.48	5.1	4.7	4.26	3.75	3.13	2.41	1.64	0.95	0.42	7.59	7.39	7.11	6.83	6.5	6.12
1.93	3.82	4.71	3.68	3.38	0.97	6.76	6.59	6.34	6.1	5.81	5.47	5.1	4.7	4.26	3.75	3.14	2.41	1.65	0.96	0.42	7.58	7.39	7.1	6.83	6.49	6.11
2.04	3.8	4.7	3.69	3.39	0.97	6.75	6.59	6.33	6.09	5.8	5.46	5.09	4.69	4.25	3.75	3.14	2.42	1.65	0.96	0.43	7.57	7.38	7.09	6.82	6.49	6.1
2.04	3.82	4.72	3.68	3.35	0.98	6.75	6.58	6.32	6.08	5.79	5.45	5.08	4.68	4.25	3.74	3.14	2.42	1.66	0.97	0.43	7.56	7.37	7.08	6.8	6.47	6.09
2.14	3.82	4.7	3.65	3.35	0.98	6.74	6.57	6.31	6.07	5.78	5.45	5.07	4.67	4.24	3.74	3.14	2.42	1.66	0.97	0.43	7.56	7.37	7.07	6.8	6.47	6.08
2.1	3.81	4.72	3.67	3.37	0.98	6.73	6.57	6.31	6.06	5.77	5.44	5.07	4.67	4.24	3.74	3.14	2.43	1.66	0.97	0.43	7.55	7.36	7.06	6.79	6.46	6.08
1.66	3.81	4.71	3.69	3.39	0.98	6.73	6.56	6.3	6.06	5.77	5.43	5.06	4.66	4.23	3.74	3.14	2.42	1.66	0.97	0.43	7.55	7.35	7.05	6.78	6.45	6.07
1.73	3.82	4.72	3.7	3.38	0.98	6.73	6.56	6.3	6.06	5.76	5.43	5.06	4.66	4.23	3.73	3.14	2.42	1.66	0.97	0.43	7.55	7.35	7.05	6.78	6.45	6.07
1.56	3.81	4.72	3.67	3.36	0.99	6.74	6.56	6.3	6.06	5.76	5.43	5.06	4.66	4.23	3.73	3.13	2.42	1.66	0.97	0.43	7.56	7.36	7.06	6.79	6.46	6.08
1.82	3.83	4.71	3.68	3.39	0.99	6.75	6.56	6.3	6.06	5.77	5.43	5.06	4.66	4.23	3.73	3.13	2.42	1.66	0.97	0.43	7.58	7.37	7.07	6.8	6.47	6.09
1.66	3.82	4.72	3.68	3.36	0.99	6.75	6.57	6.31	6.07	5.77	5.44	5.07	4.66	4.22	3.72	3.12	2.41	1.66	0.96	0.43	7.59	7.38	7.09	6.81	6.48	6.1
2.16	3.8	4.68	3.69	3.38	0.99	6.76	6.58	6.32	6.07	5.78	5.44	5.07	4.66	4.22	3.72	3.12	2.41	1.65	0.96	0.43	7.61	7.4	7.1	6.83	6.49	6.11
2.03	3.79	4.71	3.69	3.37	1	6.77	6.58	6.32	6.08	5.78	5.44	5.07	4.67	4.22	3.71	3.11	2.4	1.65	0.96	0.43	7.63	7.41	7.12	6.84	6.5	6.12
1.71	3.81	4.72	3.7	3.4	1	6.78	6.58	6.32	6.08	5.78	5.44	5.07	4.66	4.22	3.71	3.11	2.4	1.65	0.96	0.43	7.64	7.42	7.13	6.85	6.51	6.12
2	3.79	4.7	3.68	3.4	1	6.78	6.58	6.32	6.08	5.78	5.44	5.06	4.66	4.22	3.7	3.1	2.4	1.65	0.96	0.43	7.65	7.43	7.14	6.85	6.51	6.13
2.19	3.77	4.69	3.69	3.38	1	6.77	6.58	6.32	6.07	5.77	5.43	5.06	4.66	4.21	3.7	3.1	2.39	1.64	0.96	0.43	7.66	7.43	7.14	6.85	6.51	6.13
1.9	3.82	4.72	3.68	3.38	1	6.77	6.57	6.31	6.07	5.76	5.43	5.05	4.65	4.21	3.7	3.1	2.39	1.64	0.96	0.43	7.66	7.43	7.14	6.85	6.51	6.13
2.08	3.79	4.71	3.68	3.36	1	6.76	6.56	6.3	6.06	5.76	5.42	5.05	4.64	4.2	3.7	3.1	2.39	1.64	0.96	0.43	7.66	7.43	7.13	6.85	6.51	6.12
2.2	3.81	4.72	3.7	3.38	1	6.75	6.56	6.29	6.05	5.75	5.41	5.04	4.64	4.2	3.7	3.1	2.4	1.64	0.96	0.43						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.03	3.79	4.7	3.7	3.38	0.89	7.03	6.85	6.59	6.32	5.99	5.62	5.22	4.79	4.33	3.8	3.17	2.41	1.63	0.93	0.39	7.37	7.18	6.89	6.61	6.25	5.86
1.91	3.77	4.71	3.7	3.37	0.88	7.04	6.86	6.6	6.34	6.01	5.64	5.23	4.8	4.34	3.81	3.17	2.41	1.62	0.92	0.38	7.34	7.14	6.86	6.58	6.22	5.83
1.8	3.74	4.67	3.71	3.37	0.88	7.08	6.89	6.63	6.36	6.03	5.66	5.25	4.82	4.35	3.82	3.18	2.41	1.61	0.91	0.37	7.32	7.11	6.84	6.55	6.2	5.81
1.66	3.76	4.67	3.68	3.35	0.87	7.12	6.93	6.66	6.4	6.07	5.69	5.28	4.85	4.38	3.84	3.19	2.42	1.62	0.91	0.37	7.31	7.1	6.82	6.54	6.19	5.8
1.92	3.75	4.68	3.68	3.34	0.87	7.18	6.98	6.71	6.45	6.11	5.74	5.32	4.88	4.41	3.86	3.21	2.43	1.62	0.91	0.36	7.31	7.1	6.82	6.53	6.18	5.79
1.93	3.86	4.72	3.67	3.42	1.02	7.45	7.18	6.84	6.53	6.16	5.77	5.35	4.9	4.42	3.89	3.25	2.5	1.69	0.94	0.35	7.38	7.11	6.76	6.45	6.08	5.68
1.95	3.84	4.75	3.66	3.44	1.01	7.43	7.17	6.83	6.53	6.16	5.77	5.35	4.9	4.43	3.9	3.27	2.52	1.71	0.95	0.36	7.36	7.1	6.75	6.44	6.07	5.68
2.15	3.84	4.74	3.66	3.44	1.01	7.41	7.15	6.82	6.51	6.15	5.76	5.35	4.91	4.43	3.91	3.28	2.54	1.73	0.97	0.37	7.34	7.08	6.74	6.43	6.06	5.67
1.9	3.82	4.72	3.66	3.43	1	7.39	7.13	6.8	6.5	6.14	5.76	5.35	4.91	4.44	3.92	3.3	2.56	1.75	0.99	0.38	7.32	7.05	6.72	6.41	6.05	5.67
1.44	3.82	4.75	3.66	3.43	1	7.36	7.1	6.78	6.48	6.13	5.75	5.34	4.91	4.45	3.93	3.32	2.59	1.78	1.01	0.39	7.28	7.02	6.69	6.39	6.03	5.65
1.6	3.84	4.73	3.64	3.47	0.99	7.34	7.07	6.76	6.46	6.12	5.75	5.34	4.91	4.45	3.94	3.34	2.61	1.8	1.03	0.4	7.25	6.98	6.66	6.37	6.02	5.64
1.5	3.82	4.74	3.66	3.41	0.99	7.31	7.05	6.74	6.45	6.11	5.74	5.35	4.92	4.46	3.96	3.36	2.63	1.82	1.04	0.41	7.22	6.95	6.64	6.35	6	5.64
1.62	3.83	4.75	3.67	3.41	0.99	7.3	7.03	6.73	6.45	6.11	5.75	5.35	4.93	4.48	3.97	3.37	2.65	1.84	1.06	0.43	7.19	6.93	6.62	6.33	6	5.63
1.87	3.82	4.73	3.64	3.43	0.99	7.29	7.03	6.73	6.45	6.12	5.76	5.37	4.94	4.49	3.99	3.39	2.67	1.86	1.08	0.44	7.17	6.91	6.61	6.32	5.99	5.63
2.01	3.82	4.73	3.64	3.44	0.99	7.29	7.03	6.74	6.46	6.13	5.78	5.38	4.96	4.51	4	3.41	2.69	1.87	1.09	0.45	7.16	6.91	6.61	6.33	6	5.64
2.03	3.82	4.73	3.66	3.42	0.99	7.31	7.06	6.77	6.49	6.16	5.8	5.4	4.98	4.52	4.02	3.42	2.7	1.89	1.11	0.47	7.17	6.91	6.62	6.34	6.01	5.65
1.75	3.84	4.74	3.67	3.42	0.99	7.33	7.09	6.8	6.52	6.19	5.83	5.43	5	4.55	4.04	3.44	2.72	1.91	1.12	0.48	7.18	6.93	6.64	6.36	6.03	5.67
1.66	3.83	4.73	3.68	3.42	0.99	7.37	7.13	6.83	6.55	6.22	5.86	5.46	5.03	4.57	4.06	3.46	2.73	1.92	1.14	0.49	7.2	6.96	6.67	6.38	6.06	5.7
1.87	3.81	4.74	3.65	3.42	1	7.42	7.17	6.88	6.6	6.27	5.9	5.5	5.06	4.6	4.08	3.48	2.75	1.93	1.15	0.51	7.24	7	6.7	6.42	6.09	5.73
2.02	3.84	4.76	3.66	3.42	1	7.46	7.22	6.93	6.64	6.31	5.94	5.54	5.1	4.63	4.11	3.5	2.77	1.95	1.17	0.52	7.28	7.04	6.74	6.46	6.13	5.77
1.75	3.84	4.77	3.67	3.46	1.01	7.51	7.27	6.98	6.69	6.35	5.99	5.58	5.13	4.66	4.13	3.51	2.78	1.96	1.18	0.53	7.32	7.08	6.78	6.5	6.16	5.8
1.95	3.83	4.76	3.65	3.42	1.01	7.56	7.32	7.03	6.74	6.4	6.03	5.62	5.17	4.68	4.15	3.53	2.79	1.97	1.19	0.54	7.36	7.12	6.82	6.54	6.2	5.84
1.69	3.82	4.74	3.64	3.43	1.02	7.6	7.37	7.07	6.78	6.44	6.07	5.65	5.2	4.71	4.18	3.55	2.81	1.98	1.2	0.55	7.4	7.16	6.87	6.58	6.24	5.87
1.34	3.84	4.74	3.66	3.43	1.03	7.65	7.42	7.12	6.82	6.48	6.11	5.69	5.23	4.74	4.19	3.56	2.81	1.99	1.21	0.55	7.44	7.2	6.91	6.62	6.28	5.91
1.59	3.84	4.73	3.7	3.43	1.03	7.69	7.45	7.15	6.86	6.52	6.14	5.72	5.25	4.76	4.21	3.57	2.82	1.99	1.21	0.56	7.48	7.24	6.95	6.65	6.31	5.94
1.63	3.82	4.73	3.69	3.42	1.04	7.72	7.49	7.18	6.89	6.54	6.16	5.74	5.28	4.77	4.22	3.58	2.83	2	1.22	0.57	7.52	7.28	6.98	6.69	6.34	5.97
1.23	3.84	4.71	3.7	3.43	1.04	7.75	7.51	7.21	6.91	6.56	6.18	5.76	5.29	4.79	4.23	3.59	2.83	2	1.22	0.57	7.54	7.3	7	6.71	6.36	5.99
1.77	3.85	4.73	3.69	3.42	1.05	7.76	7.52	7.22	6.93	6.58	6.2	5.77	5.3	4.8	4.24	3.59	2.83	2	1.23	0.57	7.56	7.32	7.02	6.73	6.38	6
1.71	3.87	4.71	3.68	3.45	1.05	7.77	7.53	7.22	6.94	6.59	6.2	5.78	5.31	4.81	4.25	3.6	2.84	2.01	1.23	0.58	7.57	7.33	7.03	6.74	6.39	6.02
1.98	3.84	4.74	3.68	3.45	1.05	7.76	7.53	7.23	6.94	6.59	6.21	5.78	5.32	4.81	4.25	3.6	2.84	2.01	1.23	0.58	7.58	7.34	7.04	6.75	6.4	6.03
1.91	3.83	4.73	3.67	3.46	1.06	7.75	7.53	7.23	6.94	6.59	6.21	5.78	5.32	4.81	4.25	3.6	2.84	2.01	1.23	0.58	7.58	7.35	7.05	6.76	6.41	6.04
1.99	3.84	4.72	3.69	3.43	1.06	7.74	7.53	7.22	6.94	6.59	6.21	5.78	5.32	4.81	4.25	3.6	2.84	2.01	1.23	0.57	7.57	7.36	7.06	6.77	6.42	6.04
1.79	3.85	4.73	3.67	3.44	1.06	7.72	7.52	7.22	6.93	6.59	6.21	5.78	5.31	4.81	4.24	3.59	2.83	2	1.22	0.57	7.57	7.37	7.06	6.78	6.43	6.05
1.54	3.84	4.72	3.68	3.42	1.06	7.7	7.51	7.21	6.93	6.58	6.2	5.77	5.31	4.8	4.23	3.58	2.82	2	1.22	0.57	7.57	7.38	7.07	6.79	6.44	6.06
1.46	3.85	4.74	3.69	3.43	1.06	7.68	7.5	7.2	6.91	6.57	6.19	5.76	5.29	4.79	4.22	3.57	2.81	1.99	1.21	0.56	7.56	7.38	7.07	6.79	6.44	6.06
1.69	3.85	4.73	3.69	3.45	1.06	7.65	7.47	7.17	6.89	6.55	6.17	5.74	5.28	4.77	4.21	3.56	2.8	1.98	1.21	0.56	7.55	7.37	7.06	6.78	6.44	6.06
1.27	3.81	4.73	3.68	3.46	1.06	7.61	7.44	7.14	6.86	6.53	6.15	5.72	5.26	4.75	4.19	3.55	2.79	1.98	1.2	0.55	7.52	7.34	7.04	6.76	6.42	6.04
1.68	3.84	4.75	3.69	3.48	1.05	7.56	7.39	7.1	6.83	6.5	6.12	5.69	5.23	4.73	4.17	3.53	2.79	1.97	1.2	0.55	7.48	7.3	7.01	6.73	6.4	6.02
1.85	3.85	4.74	3.7	3.46	1.05	7.51	7.34	7.05	6.79	6.46	6.09	5.67	5.21	4.71	4.16	3.52	2.78	1.97	1.19	0.54	7.44	7.26	6.97	6.7	6.37	5.99
2.19	3.83	4.72	3.7	3.43	1.04	7.46	7.29	7.01	6.75	6.43	6.06	5.64	5.18	4.69	4.14	3.51	2.77	1.96	1.19	0.54	7.39	7.21	6.93	6.66	6.34	5.97
2.21	3.79	4.73	3.68	3.41	1.04	7.42	7.24	6.97	6.71	6.4	6.03	5.62	5.16	4.67	4.13	3.5	2.77	1.96	1.19	0.54	7.35	7.16	6.89	6.63	6.31	5.94
1.5	3.81	4.73	3.69	3.41	1.04	7.39	7.21	6.94	6.69	6.37	6.01	5.6	5.15	4.66	4.12	3.5	2.77	1.96	1.19	0.53	7.32	7.13	6.86	6.61	6.29	5.92
2.13	3.83	4.73	3.66	3.43	1.03	7.36	7.18	6.92	6.67	6.36	6	5.59	5.14	4.65	4.11	3.49	2.76	1.96	1.19	0.53	7.29	7.11	6.84	6.59	6.27	5.91
2.05	3.85	4.73	3.65	3.46	1.03	7.35	7.17	6.91	6.66	6.35	5.99	5.58	5.13	4.64	4.1	3.48	2.75	1.95	1.19	0.53	7.27	7.1	6.83	6.58	6.26	5.9
2.02	3.83	4.69	3.68	3.46	1.03	7.34	7.17	6.9	6.66	6.34	5.98	5.57	5.12	4.63	4.09	3.47	2.75	1.95	1.19	0.53	7.26	7.09	6.82	6.57	6.25	5.89
2.26	3.84	4.72	3.66	3.45	1.03	7.34	7.17	6.91	6.66	6.34	5.98	5.57	5.12	4.63	4.08	3.46	2.75	1.95	1.19	0.53	7.26	7.09	6.82	6.57	6.25	5.89
2.22	3.83	4.72	3.68	3.45	1.03	7.34	7.17	6.91	6.66	6.34	5.98	5.57	5.11	4.62	4.08	3.46	2.75	1.96	1.19	0.53	7.26	7.09	6.82	6.57	6.25	5.89
1.8	3.8	4.71	3.68	3.45	1.03	7.35	7.18	6.91	6.66	6.34	5.98	5.57	5.11	4.62	4.08	3.46	2.75	1.97	1.2	0.53	7.26	7.09	6.82	6.57	6.25	5.88
2.07	3.8	4.71	3.67	3.43	1.03	7.35	7.18	6.91	6.66	6.34	5.98	5.57	5.11	4.62	4.08	3.46	2.76	1.97	1.21	0.54	7.25	7.08	6.81	6.56	6.24	5.88
2.21	3.84	4.73	3.69	3.43	1.03	7.35	7.18	6.91	6.66	6.34	5.98	5.56	5.11	4.62	4.08	3.46										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.88	3.82	4.73	3.7	3.41	1.01	7.01	6.88	6.64	6.41	6.12	5.76	5.35	4.89	4.39	3.85	3.26	2.61	1.91	1.21	0.58	6.58	6.45	6.22	6	5.72	5.39
2.09	3.82	4.73	3.71	3.43	1.01	7.01	6.86	6.63	6.4	6.11	5.76	5.34	4.88	4.39	3.85	3.26	2.61	1.91	1.21	0.58	6.57	6.42	6.2	5.98	5.7	5.37
2.1	3.84	4.73	3.68	3.43	1.01	7	6.85	6.61	6.39	6.1	5.75	5.33	4.88	4.38	3.84	3.25	2.61	1.91	1.21	0.58	6.54	6.39	6.17	5.96	5.68	5.35
1.44	3.83	4.73	3.7	3.4	1.02	6.98	6.83	6.59	6.37	6.08	5.73	5.32	4.87	4.37	3.84	3.25	2.6	1.9	1.21	0.57	6.52	6.37	6.14	5.93	5.66	5.33
1.59	3.85	4.75	3.67	3.4	1.02	6.97	6.81	6.58	6.36	6.07	5.72	5.31	4.86	4.36	3.83	3.24	2.59	1.89	1.2	0.56	6.5	6.35	6.13	5.92	5.64	5.31
2.01	3.83	4.72	3.67	3.41	1.03	6.95	6.8	6.57	6.35	6.06	5.71	5.3	4.84	4.35	3.82	3.23	2.58	1.88	1.19	0.56	6.48	6.34	6.11	5.9	5.63	5.3
1.93	3.83	4.74	3.63	3.46	1.03	6.94	6.8	6.56	6.34	6.05	5.7	5.29	4.83	4.34	3.8	3.21	2.57	1.87	1.18	0.54	6.47	6.33	6.11	5.9	5.62	5.29
1.88	3.83	4.73	3.65	3.45	1.03	6.93	6.79	6.56	6.33	6.05	5.69	5.28	4.82	4.32	3.79	3.2	2.55	1.86	1.17	0.53	6.47	6.33	6.11	5.9	5.62	5.29
1.99	3.85	4.73	3.68	3.46	1.04	6.93	6.79	6.56	6.33	6.04	5.68	5.27	4.81	4.31	3.77	3.19	2.54	1.85	1.16	0.53	6.47	6.33	6.11	5.89	5.62	5.28
1.81	3.85	4.74	3.67	3.45	1.04	6.94	6.79	6.55	6.32	6.03	5.67	5.26	4.79	4.3	3.76	3.18	2.54	1.85	1.16	0.52	6.48	6.34	6.11	5.89	5.62	5.28
2.46	3.86	4.73	3.65	3.46	1.04	6.94	6.78	6.54	6.32	6.03	5.67	5.25	4.78	4.29	3.76	3.18	2.54	1.85	1.16	0.52	6.49	6.34	6.11	5.89	5.62	5.28
2.47	3.84	4.73	3.69	3.46	1.05	6.94	6.77	6.53	6.31	6.02	5.66	5.24	4.78	4.28	3.75	3.18	2.54	1.86	1.16	0.52	6.49	6.33	6.1	5.89	5.62	5.28
1.83	3.83	4.7	3.68	3.43	1.05	6.93	6.76	6.52	6.3	6.01	5.65	5.23	4.77	4.28	3.75	3.18	2.55	1.87	1.17	0.53	6.49	6.33	6.1	5.89	5.62	5.28
1.59	3.83	4.72	3.68	3.42	1.05	6.92	6.76	6.52	6.29	6	5.65	5.23	4.77	4.28	3.75	3.18	2.56	1.88	1.18	0.53	6.49	6.33	6.11	5.89	5.62	5.28
1.85	3.82	4.73	3.68	3.41	1.05	6.91	6.75	6.51	6.29	6	5.64	5.22	4.77	4.27	3.75	3.19	2.57	1.89	1.19	0.54	6.49	6.34	6.11	5.9	5.63	5.29
2	3.8	4.73	3.63	3.41	1.05	6.9	6.76	6.52	6.29	6	5.64	5.22	4.76	4.27	3.75	3.18	2.57	1.9	1.2	0.54	6.5	6.36	6.13	5.91	5.64	5.3
1.95	3.83	4.74	3.66	3.41	1.06	6.9	6.76	6.52	6.3	6	5.64	5.22	4.75	4.26	3.74	3.18	2.57	1.9	1.21	0.55	6.51	6.38	6.15	5.93	5.65	5.31
1.93	3.84	4.71	3.66	3.44	1.06	6.91	6.77	6.53	6.3	6	5.64	5.21	4.74	4.25	3.73	3.17	2.57	1.9	1.21	0.55	6.53	6.4	6.17	5.95	5.66	5.32
0.97	3.82	4.72	3.69	3.41	1.06	6.91	6.77	6.52	6.29	5.99	5.63	5.19	4.73	4.23	3.71	3.16	2.56	1.9	1.21	0.55	6.55	6.41	6.18	5.96	5.67	5.32
1.17	3.8	4.69	3.69	3.42	1.06	6.9	6.75	6.51	6.27	5.97	5.61	5.17	4.7	4.21	3.69	3.14	2.55	1.9	1.21	0.55	6.56	6.42	6.18	5.96	5.67	5.32
1.86	3.8	4.72	3.67	3.43	1.07	6.88	6.72	6.48	6.25	5.94	5.58	5.15	4.68	4.18	3.67	3.12	2.54	1.89	1.21	0.55	6.56	6.41	6.17	5.95	5.66	5.31
1.94	3.83	4.73	3.7	3.42	1.07	6.84	6.68	6.44	6.21	5.91	5.54	5.11	4.64	4.15	3.64	3.1	2.52	1.88	1.21	0.55	6.54	6.38	6.15	5.93	5.64	5.28
2.04	3.85	4.74	3.72	3.45	1.07	6.79	6.63	6.39	6.16	5.86	5.5	5.07	4.61	4.12	3.61	3.08	2.51	1.87	1.2	0.55	6.51	6.35	6.12	5.9	5.61	5.26
1.97	3.82	4.7	3.69	3.43	1.07	6.73	6.57	6.34	6.11	5.81	5.45	5.03	4.57	4.09	3.58	3.06	2.49	1.86	1.2	0.55	6.48	6.31	6.09	5.87	5.58	5.23
2.1	3.82	4.73	3.7	3.43	1.07	6.67	6.51	6.28	6.06	5.76	5.41	4.99	4.53	4.05	3.55	3.03	2.47	1.85	1.19	0.54	6.44	6.28	6.06	5.83	5.55	5.2
1.83	3.81	4.73	3.65	3.42	1.07	6.61	6.46	6.23	6.01	5.72	5.37	4.95	4.5	4.02	3.52	3.01	2.46	1.84	1.19	0.54	6.4	6.24	6.02	5.81	5.52	5.18
1.74	3.83	4.74	3.67	3.43	1.06	6.56	6.41	6.18	5.96	5.67	5.33	4.92	4.47	3.99	3.5	2.99	2.44	1.83	1.18	0.53	6.37	6.22	6	5.78	5.5	5.16
1.6	3.83	4.74	3.67	3.44	1.06	6.52	6.37	6.14	5.93	5.64	5.29	4.88	4.44	3.97	3.48	2.96	2.42	1.82	1.18	0.53	6.34	6.2	5.98	5.76	5.48	5.14
1.77	3.84	4.72	3.68	3.44	1.06	6.48	6.33	6.11	5.89	5.6	5.26	4.85	4.41	3.94	3.46	2.95	2.41	1.81	1.17	0.53	6.33	6.18	5.96	5.75	5.46	5.13
1.63	3.83	4.73	3.66	3.43	1.06	6.45	6.3	6.07	5.86	5.57	5.23	4.83	4.39	3.93	3.44	2.93	2.4	1.81	1.17	0.53	6.32	6.17	5.95	5.74	5.45	5.12
1.65	3.85	4.74	3.67	3.44	1.05	6.42	6.27	6.05	5.83	5.55	5.21	4.81	4.37	3.91	3.43	2.92	2.39	1.81	1.17	0.53	6.31	6.17	5.94	5.73	5.44	5.11
2.05	3.84	4.72	3.68	3.41	1.05	6.39	6.25	6.03	5.81	5.53	5.2	4.8	4.36	3.9	3.42	2.92	2.39	1.81	1.18	0.54	6.31	6.17	5.94	5.73	5.44	5.11
1.81	3.83	4.71	3.67	3.41	1.04	6.38	6.24	6.01	5.8	5.52	5.19	4.79	4.35	3.9	3.42	2.92	2.39	1.81	1.18	0.55	6.31	6.17	5.94	5.73	5.45	5.11
1.59	3.85	4.73	3.68	3.42	1.04	6.36	6.23	6.01	5.8	5.52	5.18	4.79	4.35	3.9	3.42	2.92	2.4	1.82	1.19	0.56	6.31	6.18	5.95	5.74	5.46	5.12
1.92	3.82	4.71	3.68	3.41	1.03	6.36	6.23	6.01	5.8	5.52	5.18	4.79	4.36	3.9	3.42	2.93	2.41	1.83	1.2	0.57	6.32	6.19	5.96	5.75	5.47	5.13
2.13	3.84	4.74	3.66	3.42	1.03	6.35	6.24	6.01	5.8	5.52	5.19	4.79	4.36	3.91	3.43	2.94	2.41	1.84	1.21	0.58	6.32	6.2	5.97	5.76	5.48	5.15
2.11	3.83	4.73	3.65	3.42	1.02	6.35	6.24	6.01	5.8	5.52	5.19	4.8	4.36	3.91	3.43	2.94	2.42	1.84	1.22	0.59	6.33	6.22	5.98	5.77	5.49	5.16
1.7	3.82	4.73	3.66	3.41	1.02	6.35	6.24	6.01	5.8	5.53	5.19	4.8	4.37	3.91	3.43	2.94	2.43	1.85	1.23	0.6	6.34	6.22	5.99	5.78	5.5	5.16
1.9	3.82	4.71	3.68	3.42	1.01	6.35	6.23	6.01	5.8	5.52	5.19	4.8	4.37	3.92	3.44	2.95	2.43	1.86	1.24	0.61	6.34	6.22	5.99	5.78	5.51	5.17
2.28	3.84	4.74	3.62	3.44	1.01	6.35	6.22	6	5.79	5.52	5.19	4.8	4.37	3.92	3.44	2.95	2.44	1.86	1.24	0.61	6.34	6.22	5.99	5.78	5.5	5.17
1.9	3.84	4.72	3.66	3.41	1.01	6.34	6.21	5.99	5.79	5.51	5.19	4.8	4.37	3.92	3.45	2.95	2.44	1.86	1.25	0.62	6.34	6.21	5.98	5.78	5.5	5.17
1.17	3.8	4.75	3.69	3.41	1.01	6.34	6.2	5.98	5.78	5.51	5.18	4.8	4.37	3.92	3.45	2.96	2.44	1.87	1.25	0.62	6.34	6.2	5.98	5.77	5.5	5.16
2.01	3.82	4.75	3.7	3.39	1.01	6.34	6.19	5.98	5.78	5.51	5.18	4.8	4.37	3.93	3.45	2.96	2.44	1.87	1.25	0.62	6.34	6.19	5.97	5.77	5.49	5.16
1.99	3.84	4.71	3.7	3.38	1.01	6.34	6.19	5.98	5.78	5.51	5.18	4.8	4.38	3.93	3.45	2.96	2.44	1.87	1.25	0.63	6.34	6.19	5.97	5.77	5.49	5.16
1.86	3.82	4.73	3.66	3.4	1.01	6.36	6.2	5.99	5.79	5.52	5.19	4.8	4.38	3.93	3.46	2.96	2.44	1.87	1.25	0.63	6.35	6.19	5.98	5.77	5.5	5.17
2.02	3.81	4.73	3.67	3.4	1.01	6.37	6.22	6.01	5.8	5.53	5.2	4.81	4.39	3.93	3.46	2.96	2.44	1.87	1.25	0.63	6.37	6.21	5.99	5.79	5.51	5.18
1.75	3.83	4.73	3.65	3.4	1.01	6.39	6.24	6.03	5.82	5.54	5.21	4.82	4.39	3.94	3.46	2.96	2.44	1.87	1.25	0.63	6.38	6.23	6.01	5.8	5.52	5.19
1.78	3.85	4.74	3.67	3.41	1.02	6.41	6.26	6.05	5.84	5.56	5.23	4.83	4.4	3.94	3.46	2.96	2.44	1.86	1.24	0.62	6.4	6.25	6.03	5.82	5.54	5.2
1.58	3.84	4.74	3.68	3.42	1.02	6.43	6.29	6.07	5.86	5.58	5.24	4.85	4.41	3.95	3.46	2.96	2.44	1.86	1.24	0.62	6.42	6.27	6.05	5.84	5.55	5.21
1.5	3.84	4.74	3.7	3.47	1.02	6.46	6.31	6.09	5.88	5.6	5.26	4.86	4.42	3.95	3.46	2.96										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.14	3.82	4.74	3.7	3.4	1.02	6.92	6.74	6.51	6.28	5.99	5.63	5.21	4.74	4.23	3.66	3.04	2.35	1.64	0.97	0.4	6.78	6.6	6.37	6.14	5.85	5.49
2.35	3.84	4.74	3.68	3.38	1.01	6.96	6.78	6.55	6.32	6.02	5.67	5.24	4.77	4.25	3.68	3.05	2.36	1.65	0.98	0.41	6.81	6.62	6.39	6.16	5.87	5.51
2.17	3.83	4.7	3.67	3.39	1.01	7.01	6.82	6.59	6.35	6.06	5.7	5.27	4.8	4.28	3.7	3.07	2.37	1.66	0.99	0.42	6.83	6.64	6.41	6.18	5.88	5.53
2.01	3.83	4.72	3.64	3.41	1.01	7.04	6.85	6.62	6.39	6.09	5.73	5.3	4.82	4.3	3.72	3.08	2.38	1.66	1	0.43	6.84	6.65	6.41	6.18	5.89	5.53
2.13	3.81	4.74	3.65	3.4	1.01	7.07	6.88	6.64	6.41	6.11	5.75	5.32	4.84	4.31	3.73	3.09	2.39	1.67	1	0.43	6.84	6.65	6.42	6.19	5.89	5.54
2.03	3.8	4.72	3.68	3.41	1.01	7.1	6.91	6.67	6.43	6.13	5.77	5.34	4.86	4.33	3.74	3.1	2.39	1.67	1	0.43	6.84	6.65	6.41	6.18	5.89	5.54
1.94	3.84	4.74	3.68	3.43	1.01	7.12	6.93	6.69	6.45	6.15	5.79	5.36	4.87	4.34	3.75	3.11	2.4	1.67	1	0.43	6.83	6.64	6.4	6.18	5.88	5.53
1.87	3.82	4.71	3.69	3.42	1.01	7.14	6.94	6.7	6.47	6.17	5.8	5.37	4.88	4.35	3.76	3.11	2.4	1.66	0.99	0.43	6.82	6.63	6.39	6.17	5.87	5.52
1.98	3.83	4.72	3.65	3.39	1.01	7.16	6.96	6.72	6.48	6.18	5.82	5.38	4.89	4.36	3.77	3.11	2.4	1.66	0.99	0.42	6.82	6.62	6.38	6.16	5.86	5.51
1.92	3.81	4.73	3.66	3.39	1.01	7.18	6.97	6.73	6.5	6.2	5.83	5.4	4.91	4.37	3.78	3.12	2.39	1.65	0.98	0.41	6.81	6.61	6.37	6.15	5.85	5.51
1.83	3.82	4.72	3.68	3.39	1.02	7.2	7	6.75	6.52	6.21	5.85	5.41	4.92	4.38	3.78	3.12	2.39	1.65	0.97	0.4	6.81	6.61	6.37	6.14	5.85	5.5
1.79	3.84	4.74	3.63	3.4	1.02	7.23	7.02	6.78	6.54	6.24	5.87	5.43	4.94	4.39	3.79	3.12	2.38	1.64	0.96	0.4	6.81	6.61	6.38	6.15	5.86	5.51
2.03	3.81	4.73	3.69	3.42	1.02	7.26	7.06	6.81	6.57	6.26	5.9	5.46	4.96	4.41	3.8	3.12	2.38	1.63	0.95	0.39	6.82	6.63	6.39	6.16	5.87	5.52
1.9	3.85	4.72	3.68	3.45	1.03	7.3	7.1	6.85	6.61	6.3	5.93	5.49	4.98	4.43	3.81	3.12	2.37	1.61	0.93	0.38	6.85	6.66	6.41	6.18	5.89	5.54
1.74	3.84	4.72	3.67	3.43	1.03	7.34	7.15	6.89	6.65	6.34	5.97	5.52	5.01	4.45	3.82	3.12	2.36	1.6	0.92	0.37	6.87	6.69	6.44	6.21	5.91	5.56
1.27	3.85	4.73	3.69	3.39	1.04	7.38	7.2	6.94	6.7	6.38	6	5.55	5.04	4.47	3.83	3.12	2.36	1.59	0.91	0.37	6.91	6.73	6.48	6.24	5.94	5.59
1.35	3.83	4.71	3.69	3.4	1.04	7.43	7.25	6.98	6.74	6.42	6.04	5.59	5.07	4.49	3.85	3.13	2.35	1.59	0.91	0.36	6.94	6.76	6.51	6.28	5.97	5.62
1.76	3.85	4.72	3.7	3.44	1.04	7.47	7.29	7.02	6.78	6.46	6.08	5.62	5.1	4.52	3.86	3.13	2.35	1.58	0.9	0.36	6.97	6.79	6.54	6.31	6	5.64
2.04	3.84	4.73	3.69	3.42	1.04	7.5	7.32	7.06	6.81	6.49	6.11	5.65	5.13	4.54	3.88	3.14	2.35	1.57	0.89	0.35	7	6.82	6.57	6.33	6.03	5.67
1.78	3.86	4.73	3.71	3.46	1.04	7.53	7.34	7.08	6.84	6.52	6.14	5.68	5.15	4.56	3.9	3.15	2.35	1.57	0.88	0.35	7.02	6.84	6.59	6.35	6.05	5.69
1.63	3.83	4.74	3.68	3.44	1.04	7.55	7.36	7.1	6.86	6.54	6.16	5.7	5.18	4.59	3.92	3.17	2.36	1.57	0.88	0.35	7.04	6.85	6.6	6.37	6.07	5.71
1.44	3.84	4.73	3.66	3.45	1.04	7.56	7.37	7.12	6.87	6.56	6.18	5.72	5.2	4.61	3.94	3.19	2.37	1.57	0.88	0.35	7.05	6.86	6.62	6.39	6.09	5.72
1.81	3.82	4.71	3.69	3.41	1.05	7.58	7.38	7.13	6.89	6.58	6.19	5.74	5.22	4.63	3.96	3.21	2.39	1.58	0.88	0.35	7.06	6.88	6.64	6.4	6.11	5.74
2.17	3.79	4.74	3.67	3.42	1.05	7.59	7.4	7.16	6.91	6.6	6.22	5.76	5.24	4.66	3.99	3.23	2.4	1.58	0.88	0.35	7.08	6.9	6.66	6.43	6.13	5.77
2.25	3.83	4.73	3.71	3.43	1.04	7.61	7.43	7.18	6.94	6.63	6.24	5.79	5.27	4.69	4.02	3.26	2.42	1.59	0.89	0.35	7.11	6.93	6.69	6.46	6.16	5.79
1.97	3.84	4.73	3.68	3.45	1.04	7.64	7.46	7.22	6.97	6.65	6.27	5.81	5.29	4.71	4.05	3.29	2.44	1.6	0.89	0.35	7.14	6.97	6.73	6.49	6.19	5.82
2.01	3.85	4.74	3.69	3.46	1.04	7.66	7.49	7.25	7	6.68	6.29	5.83	5.31	4.73	4.08	3.31	2.46	1.61	0.89	0.35	7.17	7.01	6.77	6.53	6.22	5.85
1.51	3.85	4.74	3.68	3.44	1.04	7.69	7.52	7.27	7.02	6.7	6.31	5.85	5.33	4.75	4.1	3.34	2.48	1.62	0.89	0.35	7.2	7.04	6.8	6.56	6.25	5.88
1.11	3.85	4.74	3.68	3.46	1.04	7.7	7.54	7.29	7.04	6.72	6.33	5.86	5.35	4.77	4.12	3.36	2.5	1.64	0.9	0.36	7.23	7.07	6.83	6.58	6.27	5.9
1.46	3.85	4.75	3.69	3.45	1.04	7.71	7.55	7.3	7.05	6.73	6.34	5.87	5.36	4.78	4.14	3.38	2.52	1.65	0.9	0.36	7.24	7.08	6.84	6.6	6.28	5.91
1.36	3.83	4.75	3.71	3.43	1.04	7.71	7.55	7.3	7.05	6.73	6.34	5.88	5.37	4.8	4.15	3.39	2.53	1.66	0.91	0.36	7.25	7.09	6.85	6.6	6.29	5.92
1.68	3.84	4.73	3.71	3.42	1.03	7.71	7.54	7.3	7.05	6.73	6.34	5.88	5.37	4.8	4.16	3.41	2.55	1.66	0.91	0.36	7.25	7.08	6.84	6.6	6.29	5.92
1.7	3.82	4.7	3.68	3.4	1.03	7.7	7.53	7.29	7.04	6.72	6.34	5.88	5.37	4.81	4.17	3.42	2.56	1.67	0.92	0.37	7.24	7.07	6.84	6.59	6.28	5.92
1.22	3.83	4.7	3.67	3.41	1.03	7.69	7.52	7.28	7.03	6.71	6.33	5.88	5.38	4.82	4.18	3.43	2.57	1.68	0.92	0.37	7.23	7.06	6.83	6.59	6.28	5.91
1.74	3.83	4.71	3.67	3.41	1.02	7.68	7.51	7.28	7.03	6.71	6.34	5.88	5.38	4.82	4.19	3.44	2.57	1.68	0.92	0.37	7.22	7.06	6.83	6.58	6.28	5.91
1.91	3.82	4.73	3.67	3.39	1.02	7.68	7.51	7.28	7.03	6.72	6.34	5.89	5.38	4.82	4.19	3.44	2.57	1.68	0.92	0.37	7.22	7.06	6.82	6.58	6.28	5.91
2.22	3.81	4.73	3.65	3.41	1.02	7.69	7.52	7.29	7.04	6.72	6.34	5.89	5.39	4.83	4.19	3.44	2.57	1.68	0.92	0.37	7.22	7.06	6.83	6.59	6.28	5.92
2.12	3.85	4.74	3.65	3.46	1.02	7.7	7.54	7.3	7.05	6.73	6.35	5.9	5.39	4.83	4.19	3.44	2.56	1.67	0.91	0.36	7.23	7.07	6.84	6.6	6.29	5.92
1.75	3.82	4.72	3.67	3.46	1.02	7.71	7.55	7.3	7.06	6.74	6.36	5.9	5.39	4.83	4.19	3.43	2.56	1.66	0.9	0.36	7.24	7.09	6.84	6.6	6.29	5.93
1.86	3.82	4.73	3.66	3.44	1.02	7.71	7.56	7.31	7.07	6.74	6.36	5.9	5.39	4.82	4.18	3.42	2.54	1.65	0.9	0.35	7.24	7.09	6.85	6.61	6.29	5.93
1.61	3.87	4.71	3.66	3.44	1.02	7.71	7.56	7.31	7.07	6.74	6.36	5.9	5.39	4.82	4.17	3.41	2.53	1.64	0.89	0.35	7.24	7.09	6.85	6.61	6.29	5.93
1.8	3.83	4.74	3.66	3.42	1.02	7.71	7.56	7.31	7.06	6.74	6.36	5.9	5.38	4.82	4.17	3.4	2.52	1.63	0.88	0.34	7.23	7.09	6.84	6.6	6.29	5.92
1.79	3.82	4.75	3.69	3.41	1.02	7.7	7.55	7.3	7.06	6.74	6.35	5.9	5.38	4.81	4.16	3.39	2.51	1.62	0.87	0.33	7.22	7.08	6.83	6.59	6.28	5.91
2.22	3.85	4.73	3.68	3.42	1.02	7.7	7.55	7.3	7.06	6.74	6.35	5.89	5.38	4.81	4.15	3.38	2.49	1.61	0.86	0.33	7.21	7.07	6.83	6.59	6.28	5.91
2.21	3.84	4.72	3.7	3.43	1.02	7.7	7.55	7.3	7.05	6.74	6.35	5.89	5.38	4.8	4.15	3.37	2.48	1.6	0.86	0.33	7.21	7.07	6.82	6.58	6.28	5.91
2.08	3.83	4.74	3.69	3.42	1.02	7.7	7.55	7.3	7.06	6.74	6.35	5.9	5.38	4.81	4.15	3.36	2.48	1.59	0.85	0.33	7.21	7.06	6.82	6.58	6.28	5.91
1.91	3.81	4.74	3.69	3.43	1.02	7.71	7.55	7.31	7.06	6.74	6.36	5.9	5.38	4.81	4.15	3.36	2.47	1.59	0.85	0.33	7.21	7.06	6.82	6.58	6.28	5.91
2.1	3.82	4.73	3.68	3.43	1.02	7.71	7.55	7.31	7.07	6.75	6.36	5.91	5.39	4.81	4.15	3.36	2.47	1.59	0.85	0.33	7.22	7.06	6.82	6.58	6.28	5.91
2.24	3.82	4.71	3.68	3.45	1.02	7.72	7.55	7.31	7.07	6.75	6.37	5.91	5.39	4.82	4.15	3.36	2.47	1.59	0.85	0.33	7.22	7.06	6.82	6.58	6.27	5.91
1.89	3.82	4.73	3.66	3.43	1.02	7.72	7.55	7.31	7.07	6.75	6.37	5.91	5.4	4.82	4.1											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.82	3.81	4.73	3.66	3.37	1.03	7.24	7.08	6.84	6.63	6.35	6.01	5.61	5.15	4.64	4.06	3.38	2.59	1.75	1.01	0.43	6.73	6.57	6.34	6.14	5.87	5.55
2.13	3.84	4.73	3.71	3.39	1.02	7.23	7.07	6.83	6.62	6.34	6	5.6	5.14	4.63	4.05	3.38	2.6	1.77	1.02	0.44	6.74	6.58	6.35	6.14	5.88	5.56
2.24	3.83	4.74	3.69	3.37	1.02	7.23	7.06	6.82	6.61	6.33	5.99	5.59	5.14	4.62	4.05	3.38	2.6	1.77	1.03	0.45	6.75	6.58	6.35	6.15	5.88	5.56
2.09	3.82	4.74	3.68	3.42	1.02	7.22	7.04	6.81	6.59	6.32	5.98	5.58	5.12	4.62	4.04	3.38	2.61	1.78	1.04	0.46	6.76	6.59	6.36	6.15	5.88	5.56
1.88	3.82	4.72	3.68	3.42	1.02	7.21	7.03	6.8	6.58	6.3	5.97	5.57	5.11	4.6	4.03	3.37	2.61	1.79	1.04	0.46	6.77	6.59	6.36	6.15	5.88	5.56
2.04	3.83	4.72	3.69	3.43	1.02	7.2	7.01	6.78	6.56	6.28	5.95	5.55	5.1	4.59	4.02	3.36	2.6	1.79	1.05	0.47	6.77	6.58	6.36	6.15	5.88	5.56
2.12	3.84	4.72	3.7	3.42	1.02	7.19	6.99	6.76	6.54	6.26	5.93	5.53	5.08	4.57	4.01	3.36	2.6	1.79	1.05	0.47	6.78	6.58	6.35	6.14	5.88	5.56
1.96	3.84	4.72	3.69	3.41	1.02	7.17	6.97	6.74	6.52	6.25	5.91	5.51	5.06	4.56	3.99	3.34	2.59	1.79	1.05	0.47	6.78	6.58	6.35	6.14	5.88	5.55
1.96	3.83	4.72	3.67	3.4	1.03	7.16	6.95	6.72	6.5	6.23	5.89	5.49	5.04	4.54	3.98	3.33	2.58	1.78	1.05	0.47	6.79	6.58	6.36	6.15	5.88	5.56
2.34	3.91	4.74	3.73	3.6	1.03	7.15	6.93	6.7	6.49	6.21	5.87	5.47	5.02	4.52	3.96	3.32	2.57	1.78	1.05	0.47	6.8	6.59	6.36	6.15	5.88	5.56
2.4	3.92	4.72	3.75	3.62	1.03	7.13	6.91	6.68	6.47	6.19	5.85	5.45	5	4.5	3.94	3.3	2.56	1.77	1.04	0.46	6.81	6.59	6.36	6.16	5.88	5.56
2.12	3.8	4.71	3.69	3.55	1.04	7.11	6.9	6.66	6.45	6.17	5.83	5.43	4.98	4.48	3.92	3.28	2.54	1.75	1.03	0.45	6.82	6.6	6.37	6.16	5.89	5.56
2.31	3.84	4.72	3.67	3.43	1.04	7.09	6.88	6.64	6.43	6.15	5.81	5.41	4.95	4.45	3.89	3.25	2.52	1.74	1.02	0.44	6.82	6.61	6.38	6.16	5.89	5.56
2.22	3.84	4.73	3.68	3.42	1.05	7.07	6.85	6.62	6.4	6.12	5.78	5.38	4.92	4.42	3.86	3.23	2.5	1.72	1	0.43	6.82	6.61	6.37	6.16	5.88	5.55
2.33	3.82	4.71	3.69	3.43	1.05	7.04	6.82	6.59	6.37	6.09	5.75	5.35	4.89	4.39	3.83	3.2	2.48	1.7	0.99	0.41	6.82	6.6	6.37	6.15	5.88	5.54
2.36	3.81	4.7	3.71	3.41	1.06	7.01	6.79	6.56	6.34	6.06	5.72	5.31	4.86	4.36	3.81	3.18	2.46	1.69	0.98	0.4	6.81	6.6	6.36	6.15	5.87	5.53
2.16	3.83	4.72	3.71	3.44	1.06	6.98	6.76	6.52	6.31	6.03	5.69	5.28	4.83	4.33	3.78	3.16	2.44	1.67	0.96	0.39	6.8	6.58	6.35	6.13	5.86	5.52
1.63	3.81	4.71	3.7	3.41	1.06	6.95	6.72	6.49	6.27	5.99	5.66	5.25	4.8	4.31	3.76	3.14	2.42	1.66	0.95	0.38	6.79	6.57	6.34	6.12	5.84	5.51
1.02	3.83	4.7	3.69	3.41	1.07	6.92	6.69	6.46	6.24	5.96	5.63	5.23	4.77	4.28	3.74	3.12	2.4	1.64	0.94	0.38	6.78	6.56	6.32	6.11	5.83	5.5
1.19	3.81	4.72	3.66	3.42	1.07	6.89	6.66	6.43	6.21	5.93	5.6	5.2	4.75	4.26	3.72	3.1	2.39	1.63	0.93	0.37	6.77	6.55	6.31	6.1	5.82	5.49
2.2	3.82	4.72	3.7	3.42	1.07	6.86	6.63	6.4	6.19	5.91	5.57	5.17	4.73	4.24	3.7	3.08	2.37	1.62	0.92	0.36	6.76	6.54	6.3	6.09	5.81	5.48
2.25	3.83	4.73	3.68	3.42	1.07	6.83	6.61	6.37	6.16	5.88	5.55	5.15	4.71	4.22	3.68	3.07	2.36	1.61	0.91	0.36	6.75	6.53	6.29	6.08	5.8	5.47
2.36	3.82	4.72	3.69	3.41	1.07	6.8	6.58	6.35	6.13	5.86	5.53	5.13	4.69	4.2	3.66	3.05	2.34	1.6	0.91	0.36	6.74	6.52	6.29	6.07	5.79	5.46
2.27	3.86	4.73	3.69	3.43	1.07	6.77	6.55	6.33	6.11	5.84	5.51	5.11	4.67	4.18	3.65	3.03	2.33	1.58	0.9	0.35	6.73	6.51	6.28	6.06	5.79	5.45
2.17	3.84	4.7	3.68	3.44	1.07	6.75	6.53	6.3	6.09	5.81	5.49	5.09	4.65	4.17	3.63	3.02	2.32	1.57	0.89	0.35	6.72	6.5	6.27	6.05	5.78	5.45
1.99	3.84	4.74	3.68	3.44	1.07	6.72	6.5	6.28	6.06	5.79	5.47	5.07	4.63	4.15	3.62	3.01	2.31	1.56	0.88	0.35	6.71	6.49	6.26	6.04	5.77	5.44
1.87	3.84	4.74	3.68	3.4	1.07	6.7	6.48	6.26	6.04	5.77	5.45	5.06	4.62	4.14	3.6	2.99	2.29	1.56	0.88	0.34	6.71	6.48	6.25	6.04	5.76	5.43
1.73	3.84	4.74	3.65	3.42	1.07	6.68	6.45	6.24	6.02	5.75	5.43	5.04	4.6	4.12	3.59	2.98	2.29	1.55	0.88	0.34	6.7	6.47	6.24	6.03	5.75	5.42
1.78	3.84	4.72	3.62	3.39	1.06	6.66	6.43	6.22	6	5.74	5.41	5.03	4.59	4.11	3.58	2.97	2.28	1.54	0.87	0.34	6.69	6.46	6.24	6.02	5.74	5.41
1.99	3.84	4.73	3.66	3.41	1.06	6.65	6.41	6.2	5.99	5.72	5.4	5.01	4.58	4.1	3.57	2.96	2.27	1.54	0.87	0.34	6.68	6.44	6.22	6.01	5.73	5.41
1.87	3.84	4.71	3.66	3.39	1.05	6.63	6.4	6.18	5.97	5.7	5.38	5	4.57	4.09	3.56	2.96	2.26	1.53	0.87	0.34	6.68	6.44	6.21	6	5.72	5.4
1.87	3.84	4.73	3.7	3.42	1.05	6.62	6.39	6.17	5.96	5.69	5.37	4.99	4.55	4.08	3.56	2.95	2.26	1.53	0.86	0.34	6.67	6.43	6.2	5.99	5.71	5.39
1.99	3.83	4.71	3.69	3.4	1.05	6.61	6.37	6.15	5.94	5.68	5.36	4.98	4.54	4.07	3.55	2.94	2.25	1.52	0.86	0.34	6.66	6.42	6.19	5.98	5.7	5.38
1.75	3.83	4.7	3.69	3.39	1.04	6.6	6.36	6.14	5.93	5.67	5.35	4.97	4.54	4.07	3.54	2.94	2.25	1.52	0.86	0.34	6.65	6.41	6.18	5.97	5.69	5.37
1.42	3.83	4.72	3.67	3.41	1.04	6.59	6.35	6.13	5.92	5.65	5.34	4.96	4.53	4.06	3.54	2.94	2.25	1.52	0.86	0.34	6.64	6.4	6.17	5.96	5.68	5.36
1.74	3.81	4.7	3.65	3.42	1.04	6.58	6.34	6.12	5.91	5.65	5.33	4.95	4.52	4.05	3.53	2.94	2.24	1.51	0.85	0.34	6.63	6.38	6.15	5.94	5.67	5.35
1.88	3.81	4.73	3.65	3.42	1.04	6.57	6.33	6.11	5.9	5.64	5.32	4.94	4.52	4.05	3.53	2.93	2.24	1.51	0.85	0.34	6.62	6.37	6.14	5.93	5.66	5.34
1.74	3.84	4.73	3.67	3.38	1.03	6.56	6.32	6.1	5.9	5.63	5.32	4.94	4.51	4.04	3.53	2.93	2.23	1.5	0.85	0.34	6.6	6.36	6.13	5.92	5.65	5.33
2.18	3.83	4.74	3.67	3.4	1.03	6.56	6.32	6.1	5.89	5.63	5.32	4.94	4.51	4.04	3.53	2.93	2.23	1.5	0.84	0.34	6.6	6.34	6.12	5.91	5.64	5.32
1.52	3.84	4.73	3.66	3.41	1.03	6.56	6.32	6.1	5.89	5.63	5.32	4.94	4.51	4.04	3.52	2.92	2.22	1.49	0.83	0.33	6.59	6.33	6.11	5.9	5.63	5.31
1.57	3.81	4.72	3.7	3.39	1.03	6.57	6.32	6.1	5.9	5.63	5.32	4.94	4.51	4.04	3.52	2.92	2.22	1.48	0.82	0.33	6.59	6.33	6.11	5.9	5.63	5.3
1.94	3.82	4.73	3.66	3.39	1.03	6.58	6.33	6.11	5.91	5.64	5.33	4.94	4.51	4.04	3.52	2.91	2.21	1.47	0.81	0.32	6.58	6.33	6.1	5.89	5.63	5.3
1.95	3.82	4.74	3.65	3.42	1.03	6.59	6.35	6.13	5.92	5.65	5.33	4.95	4.52	4.04	3.52	2.9	2.2	1.46	0.8	0.31	6.58	6.33	6.11	5.9	5.63	5.3
1.81	3.82	4.74	3.68	3.41	1.03	6.61	6.37	6.14	5.93	5.67	5.34	4.96	4.52	4.05	3.52	2.9	2.19	1.45	0.79	0.31	6.59	6.34	6.11	5.9	5.63	5.3
1.89	3.8	4.75	3.66	3.41	1.03	6.62	6.39	6.16	5.95	5.68	5.35	4.97	4.53	4.05	3.51	2.89	2.17	1.43	0.78	0.3	6.59	6.35	6.12	5.9	5.63	5.3
2.26	3.82	4.7	3.67	3.42	1.04	6.64	6.41	6.17	5.96	5.69	5.36	4.97	4.53	4.05	3.51	2.88	2.16	1.42	0.77	0.3	6.59	6.36	6.12	5.91	5.64	5.31
2.2	3.81	4.72	3.68	3.42	1.04	6.65	6.42	6.18	5.97	5.7	5.37	4.98	4.54	4.05	3.51	2.87	2.15	1.41	0.76	0.29	6.59	6.36	6.12	5.91	5.64	5.3
1.23	3.81	4.72	3.71	3.42	1.04	6.66	6.43	6.19	5.98	5.71	5.38	4.99	4.54	4.06	3.51	2.87	2.15	1.4	0.75	0.29	6.59	6.36	6.12	5.91	5.64	5.3
1.81	3.81	4.73	3.68	3.4	1.04	6.66	6.44	6.2	5.99	5.71	5.38	4.99	4.55	4.06	3.51	2.86	2.14	1.39	0.75	0.28	6.59	6.36	6.12	5.91	5.64	5.3
1.93	3.82	4.73	3.69	3.41	1.05	6.67	6.44	6.2	5.99	5.72	5.39	5	4.55	4.06	3.51</											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.17	3.82	4.72	3.68	3.42	1.05	7.01	6.78	6.53	6.31	6.01	5.64	5.16	4.58	3.91	3.16	2.35	1.56	0.89	0.42	0.14	6.96	6.73	6.48	6.25	5.96	5.58
2.08	3.82	4.71	3.69	3.43	1.05	7.01	6.78	6.53	6.31	6.01	5.64	5.16	4.57	3.9	3.14	2.33	1.54	0.88	0.42	0.13	6.94	6.7	6.45	6.23	5.93	5.56
1.75	3.82	4.69	3.69	3.42	1.05	7.01	6.77	6.53	6.3	6.01	5.63	5.15	4.56	3.88	3.12	2.31	1.53	0.87	0.41	0.13	6.9	6.66	6.42	6.19	5.9	5.53
2.13	3.85	4.73	3.67	3.41	1.05	6.99	6.76	6.52	6.29	6	5.63	5.15	4.56	3.87	3.11	2.3	1.51	0.86	0.41	0.13	6.87	6.63	6.39	6.16	5.87	5.5
1.76	3.84	4.73	3.66	3.38	1.05	6.98	6.74	6.51	6.29	6	5.62	5.14	4.55	3.86	3.09	2.28	1.5	0.85	0.41	0.13	6.83	6.59	6.36	6.13	5.84	5.47
1.86	3.84	4.71	3.67	3.39	1.05	6.96	6.73	6.5	6.28	5.99	5.61	5.13	4.54	3.85	3.08	2.26	1.48	0.84	0.4	0.13	6.78	6.55	6.33	6.1	5.81	5.44
1.68	3.84	4.69	3.66	3.4	1.05	6.94	6.72	6.5	6.27	5.98	5.61	5.13	4.53	3.84	3.06	2.25	1.47	0.83	0.4	0.13	6.74	6.52	6.3	6.07	5.78	5.42
2.08	3.85	4.72	3.67	3.43	1.05	6.93	6.71	6.49	6.26	5.97	5.6	5.12	4.52	3.83	3.05	2.23	1.46	0.82	0.39	0.13	6.7	6.48	6.26	6.04	5.75	5.39
1.75	3.86	4.74	3.69	3.41	1.04	6.91	6.7	6.48	6.25	5.96	5.59	5.11	4.52	3.82	3.04	2.22	1.44	0.82	0.39	0.13	6.66	6.45	6.23	6.01	5.72	5.36
1.75	3.83	4.71	3.68	3.42	1.04	6.89	6.69	6.46	6.24	5.95	5.58	5.11	4.51	3.82	3.03	2.21	1.43	0.81	0.38	0.12	6.62	6.41	6.19	5.97	5.69	5.33
2.02	3.84	4.72	3.7	3.43	1.03	6.87	6.67	6.45	6.23	5.94	5.57	5.1	4.51	3.81	3.02	2.2	1.42	0.8	0.38	0.12	6.58	6.37	6.15	5.94	5.66	5.3
1.94	3.84	4.73	3.67	3.41	1.03	6.86	6.65	6.43	6.21	5.93	5.56	5.09	4.5	3.81	3.02	2.19	1.41	0.79	0.38	0.12	6.54	6.33	6.12	5.9	5.62	5.27
1.37	3.82	4.72	3.67	3.41	1.02	6.85	6.64	6.42	6.2	5.92	5.55	5.09	4.5	3.8	3.01	2.18	1.41	0.79	0.37	0.12	6.5	6.3	6.08	5.86	5.59	5.24
1.8	3.82	4.73	3.69	3.42	1.02	6.84	6.63	6.41	6.19	5.91	5.55	5.08	4.5	3.8	3.01	2.17	1.4	0.78	0.37	0.12	6.47	6.26	6.05	5.83	5.56	5.21
1.98	3.82	4.74	3.71	3.43	1.01	6.85	6.64	6.41	6.19	5.91	5.55	5.08	4.5	3.8	3	2.16	1.39	0.78	0.37	0.12	6.45	6.24	6.02	5.81	5.54	5.19
1.8	3.84	4.71	3.68	3.4	1.01	6.86	6.65	6.42	6.2	5.92	5.55	5.08	4.5	3.8	3	2.16	1.39	0.77	0.37	0.12	6.44	6.23	6.01	5.8	5.53	5.18
2.15	3.84	4.72	3.64	3.41	1.01	6.89	6.66	6.43	6.21	5.93	5.56	5.09	4.5	3.8	2.99	2.15	1.38	0.77	0.36	0.12	6.44	6.23	6	5.79	5.52	5.17
2.19	3.83	4.72	3.64	3.39	1.01	6.92	6.69	6.45	6.23	5.94	5.57	5.1	4.51	3.8	2.99	2.14	1.37	0.77	0.36	0.12	6.46	6.23	6	5.79	5.51	5.16
1.95	3.82	4.73	3.67	3.38	1.01	6.96	6.71	6.48	6.25	5.96	5.59	5.1	4.51	3.79	2.98	2.13	1.37	0.76	0.36	0.12	6.47	6.23	6	5.79	5.51	5.16
1.79	3.82	4.72	3.65	3.39	1.01	7	6.73	6.5	6.27	5.97	5.6	5.11	4.51	3.79	2.97	2.13	1.36	0.76	0.36	0.12	6.49	6.23	6	5.79	5.51	5.15
1.6	3.83	4.74	3.65	3.43	1.01	7.03	6.75	6.52	6.28	5.99	5.61	5.12	4.51	3.78	2.97	2.12	1.36	0.76	0.36	0.12	6.5	6.23	6.01	5.79	5.51	5.15
1.63	3.83	4.74	3.67	3.43	1.01	7.06	6.77	6.53	6.3	6	5.61	5.12	4.5	3.78	2.96	2.12	1.35	0.76	0.36	0.12	6.51	6.23	6.01	5.78	5.5	5.14
1.47	3.85	4.75	3.67	3.43	1.02	7.08	6.78	6.54	6.3	6	5.62	5.12	4.5	3.77	2.95	2.11	1.35	0.75	0.35	0.12	6.52	6.23	6	5.78	5.5	5.14
1.63	3.83	4.73	3.65	3.43	1.02	7.1	6.79	6.55	6.31	6.01	5.62	5.12	4.49	3.76	2.94	2.1	1.34	0.75	0.35	0.12	6.52	6.22	6	5.78	5.49	5.13
1.97	3.83	4.75	3.66	3.44	1.03	7.11	6.8	6.56	6.32	6.01	5.62	5.12	4.49	3.75	2.94	2.1	1.34	0.75	0.35	0.12	6.52	6.22	6	5.77	5.49	5.13
1.93	3.84	4.75	3.65	3.4	1.03	7.12	6.81	6.56	6.32	6.02	5.62	5.12	4.48	3.75	2.93	2.1	1.34	0.75	0.35	0.12	6.52	6.23	6	5.77	5.49	5.12
1.77	3.83	4.72	3.69	3.43	1.04	7.13	6.82	6.57	6.33	6.02	5.63	5.11	4.48	3.74	2.93	2.09	1.34	0.75	0.35	0.12	6.52	6.23	5.99	5.77	5.48	5.12
1.93	3.82	4.74	3.71	3.46	1.04	7.13	6.82	6.57	6.33	6.02	5.63	5.11	4.48	3.74	2.92	2.09	1.34	0.75	0.35	0.12	6.52	6.22	5.99	5.76	5.48	5.11
1.88	3.84	4.74	3.71	3.43	1.05	7.14	6.82	6.57	6.33	6.02	5.62	5.1	4.47	3.73	2.92	2.09	1.34	0.75	0.35	0.12	6.51	6.22	5.98	5.75	5.47	5.1
1.87	3.84	4.74	3.69	3.44	1.05	7.14	6.82	6.56	6.32	6.01	5.61	5.1	4.46	3.73	2.92	2.09	1.34	0.75	0.35	0.12	6.51	6.2	5.96	5.74	5.45	5.09
1.99	3.81	4.74	3.68	3.42	1.06	7.13	6.8	6.55	6.31	6	5.6	5.08	4.45	3.73	2.92	2.09	1.34	0.75	0.35	0.12	6.49	6.18	5.94	5.72	5.43	5.07
2.01	3.85	4.73	3.66	3.44	1.06	7.12	6.78	6.52	6.28	5.97	5.58	5.07	4.45	3.72	2.92	2.1	1.35	0.75	0.35	0.12	6.47	6.15	5.91	5.69	5.4	5.04
2.05	3.84	4.74	3.68	3.43	1.06	7.1	6.75	6.5	6.26	5.95	5.56	5.05	4.43	3.72	2.92	2.1	1.35	0.75	0.36	0.12	6.44	6.11	5.88	5.66	5.38	5.02
2.08	3.83	4.71	3.66	3.43	1.07	7.07	6.72	6.47	6.24	5.93	5.54	5.03	4.42	3.72	2.93	2.11	1.36	0.76	0.36	0.12	6.41	6.08	5.85	5.63	5.35	4.99
2.04	3.83	4.74	3.68	3.44	1.07	7.05	6.7	6.45	6.21	5.91	5.52	5.02	4.42	3.71	2.93	2.11	1.36	0.76	0.36	0.12	6.38	6.06	5.82	5.61	5.32	4.97
2.13	3.83	4.73	3.69	3.44	1.07	7.04	6.69	6.44	6.2	5.89	5.5	5.01	4.41	3.71	2.93	2.12	1.36	0.76	0.36	0.12	6.37	6.04	5.8	5.59	5.3	4.95
2.2	3.84	4.74	3.69	3.41	1.08	7.04	6.68	6.42	6.19	5.88	5.49	5	4.4	3.71	2.94	2.12	1.37	0.76	0.36	0.12	6.36	6.03	5.79	5.57	5.29	4.94
1.93	3.84	4.74	3.71	3.42	1.08	7.04	6.68	6.42	6.18	5.87	5.48	4.99	4.4	3.71	2.94	2.13	1.37	0.77	0.36	0.12	6.36	6.03	5.79	5.57	5.29	4.93
1.88	3.83	4.71	3.71	3.43	1.09	7.04	6.68	6.42	6.18	5.86	5.47	4.98	4.39	3.71	2.94	2.13	1.37	0.77	0.36	0.12	6.36	6.03	5.78	5.57	5.28	4.92
2.14	3.85	4.74	3.68	3.45	1.09	7.05	6.68	6.41	6.17	5.86	5.46	4.98	4.39	3.71	2.95	2.13	1.37	0.77	0.37	0.12	6.37	6.03	5.78	5.57	5.28	4.92
2.05	3.85	4.71	3.68	3.45	1.09	7.05	6.68	6.41	6.17	5.85	5.46	4.97	4.39	3.71	2.95	2.13	1.37	0.77	0.37	0.12	6.38	6.04	5.79	5.57	5.28	4.92
1.66	3.85	4.73	3.65	3.42	1.09	7.05	6.67	6.4	6.16	5.84	5.45	4.96	4.38	3.71	2.95	2.14	1.38	0.77	0.37	0.12	6.39	6.04	5.78	5.56	5.27	4.92
2.15	3.86	4.75	3.7	3.44	1.09	7.04	6.66	6.38	6.14	5.83	5.43	4.95	4.38	3.71	2.95	2.14	1.38	0.78	0.37	0.13	6.4	6.03	5.78	5.56	5.27	4.91
2.38	3.85	4.7	3.66	3.41	1.09	7.03	6.64	6.37	6.13	5.81	5.42	4.94	4.37	3.71	2.95	2.14	1.39	0.78	0.37	0.13	6.39	6.02	5.77	5.55	5.26	4.9
1.55	3.83	4.74	3.68	3.43	1.09	7.02	6.62	6.35	6.11	5.79	5.41	4.93	4.36	3.7	2.95	2.15	1.39	0.78	0.38	0.13	6.39	6.01	5.76	5.54	5.25	4.9
1.58	3.84	4.73	3.68	3.44	1.09	7	6.59	6.33	6.09	5.78	5.39	4.91	4.35	3.7	2.95	2.15	1.39	0.78	0.38	0.13	6.38	5.99	5.75	5.52	5.24	4.88
2.01	3.84	4.76	3.67	3.43	1.09	6.99	6.57	6.31	6.07	5.76	5.37	4.9	4.34	3.69	2.94	2.15	1.4	0.79	0.38	0.13	6.36	5.97	5.73	5.51	5.22	4.87
2.16	3.84	4.73	3.67	3.41	1.08	6.97	6.54	6.28	6.04	5.73	5.35	4.88	4.33	3.68	2.94	2.15	1.4	0.79	0.38	0.13	6.34	5.94	5.7	5.48	5.19	4.85
2.12	3.84	4.76	3.69	3.44	1.08	6.95	6.5	6.25	6.02	5.71	5.33	4.86	4.31	3.67	2.94	2.15	1.4	0.79	0.38	0.13	6.32	5.9	5.67	5.45	5.17	4.82
1.98	3.84	4.75	3.69	3.44	1.07	6.92	6.47	6.22	5.99	5.68	5.3	4.84	4.29	3.66	2.93	2.15	1.4</									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.92	3.83	4.75	3.69	3.41	1.02	6.85	6.33	6.05	5.82	5.51	5.14	4.7	4.2	3.63	2.96	2.21	1.46	0.83	0.39	0.13	6.11	5.63	5.37	5.16	4.89	4.56
1.87	3.83	4.74	3.68	3.41	1.01	6.89	6.35	6.06	5.83	5.52	5.15	4.7	4.2	3.63	2.96	2.21	1.46	0.83	0.39	0.13	6.15	5.65	5.39	5.18	4.9	4.57
2.02	3.77	4.74	3.66	3.43	1.01	6.93	6.38	6.09	5.85	5.54	5.16	4.71	4.21	3.63	2.96	2.21	1.46	0.83	0.39	0.13	6.19	5.69	5.42	5.21	4.92	4.59
2.08	3.77	4.73	3.68	3.41	1.01	6.97	6.41	6.11	5.87	5.55	5.17	4.72	4.22	3.64	2.96	2.21	1.46	0.83	0.38	0.13	6.24	5.72	5.45	5.23	4.94	4.6
1.68	3.82	4.76	3.69	3.44	1.01	7.01	6.43	6.13	5.89	5.57	5.18	4.73	4.22	3.64	2.97	2.21	1.46	0.83	0.38	0.13	6.29	5.75	5.48	5.25	4.97	4.62
1.84	3.83	4.72	3.69	3.47	1.01	7.04	6.45	6.15	5.9	5.58	5.19	4.74	4.23	3.65	2.97	2.22	1.47	0.83	0.38	0.13	6.32	5.78	5.5	5.27	4.98	4.64
2.16	3.84	4.75	3.67	3.44	1.01	7.06	6.45	6.15	5.9	5.58	5.19	4.74	4.23	3.65	2.97	2.22	1.47	0.83	0.38	0.13	6.35	5.79	5.51	5.28	4.99	4.64
2.27	3.84	4.73	3.71	3.44	1.01	7.06	6.44	6.14	5.89	5.57	5.19	4.73	4.23	3.65	2.98	2.22	1.47	0.83	0.38	0.13	6.36	5.79	5.51	5.28	4.99	4.64
1.64	3.82	4.75	3.7	3.46	1.01	7.05	6.43	6.13	5.88	5.56	5.18	4.73	4.22	3.65	2.98	2.23	1.47	0.82	0.38	0.13	6.36	5.78	5.51	5.28	4.99	4.64
1.92	3.86	4.74	3.72	3.44	1.01	7.03	6.41	6.12	5.87	5.55	5.17	4.72	4.22	3.65	2.98	2.23	1.47	0.82	0.38	0.13	6.35	5.77	5.5	5.27	4.99	4.64
1.72	3.84	4.73	3.66	3.41	1.01	7	6.4	6.1	5.86	5.54	5.16	4.72	4.22	3.65	2.98	2.23	1.47	0.82	0.38	0.12	6.33	5.77	5.5	5.27	4.98	4.64
1.43	3.82	4.74	3.64	3.41	1.01	6.98	6.39	6.1	5.86	5.54	5.16	4.72	4.22	3.65	2.99	2.23	1.47	0.82	0.37	0.12	6.32	5.77	5.5	5.27	4.99	4.64
2.04	3.83	4.74	3.64	3.44	1.01	6.96	6.39	6.1	5.86	5.54	5.16	4.72	4.22	3.65	2.99	2.23	1.47	0.82	0.37	0.12	6.31	5.77	5.5	5.28	4.99	4.65
2.51	3.82	4.74	3.68	3.43	1.02	6.95	6.4	6.1	5.86	5.55	5.16	4.72	4.22	3.65	2.99	2.23	1.46	0.81	0.37	0.12	6.3	5.78	5.51	5.29	5	4.66
2.41	3.83	4.75	3.68	3.43	1.02	6.94	6.4	6.11	5.87	5.55	5.17	4.73	4.23	3.66	2.99	2.23	1.46	0.81	0.37	0.12	6.3	5.79	5.52	5.3	5.01	4.67
1.81	3.81	4.76	3.69	3.44	1.02	6.93	6.4	6.12	5.88	5.56	5.18	4.73	4.23	3.66	2.99	2.23	1.46	0.81	0.37	0.12	6.29	5.8	5.54	5.31	5.02	4.68
2.06	3.85	4.71	3.71	3.41	1.02	6.91	6.4	6.12	5.88	5.56	5.18	4.74	4.24	3.66	2.99	2.23	1.46	0.81	0.37	0.12	6.28	5.8	5.54	5.32	5.03	4.68
1.9	3.83	4.74	3.69	3.41	1.03	6.9	6.4	6.12	5.88	5.56	5.18	4.74	4.24	3.67	2.99	2.23	1.46	0.81	0.36	0.12	6.27	5.8	5.54	5.32	5.03	4.69
1.83	3.84	4.73	3.67	3.4	1.03	6.88	6.39	6.12	5.88	5.56	5.18	4.74	4.24	3.67	2.99	2.22	1.45	0.8	0.36	0.12	6.25	5.79	5.54	5.32	5.03	4.69
1.88	3.81	4.71	3.69	3.42	1.03	6.87	6.39	6.12	5.88	5.56	5.18	4.74	4.24	3.67	2.99	2.22	1.45	0.8	0.36	0.12	6.24	5.79	5.54	5.32	5.03	4.69
1.7	3.81	4.72	3.66	3.43	1.04	6.86	6.38	6.12	5.88	5.56	5.18	4.74	4.24	3.66	2.98	2.21	1.44	0.79	0.36	0.12	6.23	5.79	5.55	5.32	5.03	4.69
1.39	3.82	4.74	3.63	3.43	1.04	6.85	6.39	6.12	5.88	5.56	5.18	4.74	4.24	3.66	2.98	2.21	1.44	0.79	0.35	0.12	6.24	5.8	5.55	5.33	5.04	4.69
1.97	3.83	4.7	3.63	3.44	1.04	6.86	6.39	6.13	5.88	5.56	5.19	4.74	4.24	3.66	2.97	2.2	1.43	0.78	0.35	0.12	6.25	5.81	5.56	5.34	5.05	4.7
1.5	3.82	4.74	3.69	3.45	1.05	6.86	6.4	6.13	5.89	5.57	5.19	4.74	4.23	3.65	2.96	2.19	1.42	0.77	0.35	0.11	6.26	5.83	5.58	5.35	5.06	4.71
1.99	3.82	4.75	3.66	3.44	1.05	6.87	6.41	6.14	5.89	5.57	5.19	4.74	4.23	3.64	2.95	2.18	1.41	0.76	0.34	0.11	6.28	5.85	5.6	5.37	5.07	4.72
2.18	3.79	4.74	3.67	3.47	1.06	6.87	6.41	6.14	5.89	5.57	5.18	4.73	4.22	3.63	2.94	2.16	1.39	0.75	0.34	0.11	6.3	5.87	5.62	5.38	5.08	4.73
2.15	3.82	4.75	3.64	3.44	1.06	6.87	6.41	6.14	5.88	5.56	5.18	4.73	4.21	3.62	2.93	2.15	1.38	0.74	0.33	0.11	6.32	5.89	5.63	5.4	5.1	4.74
2.3	3.86	4.75	3.66	3.48	1.07	6.86	6.4	6.13	5.87	5.55	5.17	4.72	4.2	3.61	2.91	2.13	1.36	0.73	0.33	0.1	6.33	5.9	5.65	5.41	5.11	4.75
1.78	3.83	4.74	3.68	3.46	1.07	6.85	6.39	6.12	5.86	5.54	5.15	4.7	4.19	3.59	2.9	2.12	1.35	0.72	0.32	0.1	6.35	5.92	5.66	5.42	5.12	4.76
1.95	3.8	4.76	3.69	3.45	1.08	6.84	6.38	6.11	5.85	5.53	5.14	4.69	4.17	3.58	2.88	2.1	1.34	0.71	0.32	0.1	6.37	5.93	5.68	5.43	5.13	4.77
1.28	3.82	4.75	3.67	3.44	1.08	6.84	6.38	6.1	5.84	5.52	5.13	4.68	4.16	3.56	2.86	2.08	1.32	0.7	0.31	0.1	6.39	5.95	5.69	5.44	5.14	4.78
1.28	3.84	4.75	3.69	3.42	1.08	6.83	6.37	6.09	5.83	5.51	5.12	4.66	4.14	3.54	2.84	2.06	1.3	0.69	0.31	0.09	6.42	5.98	5.71	5.46	5.15	4.79
1.88	3.85	4.74	3.7	3.42	1.08	6.83	6.37	6.08	5.82	5.5	5.11	4.65	4.13	3.52	2.82	2.04	1.28	0.68	0.3	0.09	6.45	6	5.73	5.47	5.17	4.8
1.98	3.83	4.73	3.68	3.45	1.08	6.83	6.36	6.07	5.81	5.49	5.1	4.64	4.11	3.5	2.79	2.01	1.26	0.66	0.29	0.09	6.48	6.02	5.74	5.49	5.18	4.81
2.02	3.84	4.73	3.69	3.45	1.08	6.83	6.35	6.06	5.8	5.47	5.08	4.62	4.09	3.48	2.76	1.98	1.24	0.65	0.28	0.08	6.5	6.04	5.76	5.51	5.19	4.82
1.93	3.83	4.76	3.7	3.43	1.08	6.83	6.35	6.05	5.79	5.46	5.07	4.61	4.07	3.45	2.74	1.96	1.22	0.63	0.27	0.08	6.53	6.06	5.77	5.52	5.2	4.83
1.95	3.87	4.73	3.68	3.44	1.08	6.82	6.34	6.04	5.78	5.45	5.06	4.59	4.05	3.43	2.71	1.93	1.19	0.62	0.27	0.08	6.55	6.07	5.78	5.53	5.21	4.83
1.78	3.85	4.74	3.68	3.42	1.08	6.81	6.32	6.03	5.77	5.44	5.05	4.58	4.03	3.41	2.68	1.9	1.17	0.6	0.26	0.07	6.56	6.08	5.79	5.53	5.21	4.84
1.16	3.84	4.75	3.7	3.47	1.08	6.81	6.31	6.03	5.76	5.43	5.04	4.56	4.02	3.38	2.65	1.88	1.15	0.59	0.25	0.07	6.57	6.08	5.8	5.54	5.21	4.84
2.02	3.84	4.76	3.68	3.45	1.08	6.8	6.31	6.02	5.75	5.42	5.03	4.55	4	3.36	2.63	1.85	1.13	0.58	0.25	0.07	6.57	6.09	5.81	5.55	5.22	4.84
2.16	3.84	4.75	3.68	3.42	1.08	6.79	6.3	6.02	5.75	5.42	5.03	4.55	3.99	3.34	2.61	1.83	1.11	0.57	0.24	0.07	6.58	6.1	5.82	5.56	5.23	4.85
2.26	3.85	4.75	3.67	3.42	1.08	6.78	6.3	6.02	5.76	5.42	5.02	4.54	3.98	3.32	2.58	1.8	1.1	0.56	0.24	0.06	6.58	6.1	5.83	5.57	5.24	4.85
2.36	3.82	4.71	3.7	3.42	1.08	6.77	6.3	6.03	5.76	5.42	5.02	4.54	3.97	3.31	2.56	1.78	1.08	0.55	0.23	0.06	6.57	6.11	5.84	5.57	5.24	4.86
2.25	3.82	4.75	3.69	3.41	1.07	6.76	6.31	6.03	5.76	5.43	5.03	4.53	3.96	3.29	2.54	1.76	1.06	0.54	0.22	0.06	6.57	6.12	5.84	5.58	5.25	4.87
2.1	3.84	4.74	3.69	3.4	1.07	6.75	6.31	6.03	5.76	5.43	5.02	4.53	3.94	3.27	2.51	1.74	1.04	0.53	0.22	0.06	6.56	6.12	5.85	5.59	5.25	4.87
2.11	3.84	4.73	3.67	3.4	1.07	6.74	6.3	6.03	5.76	5.42	5.02	4.52	3.93	3.25	2.49	1.71	1.02	0.52	0.21	0.06	6.55	6.12	5.85	5.59	5.25	4.86
1.98	3.83	4.74	3.66	3.44	1.07	6.72	6.29	6.02	5.75	5.42	5.01	4.51	3.91	3.23	2.46	1.69	1	0.5	0.21	0.05	6.53	6.11	5.84	5.58	5.25	4.86
2.07	3.78	4.75	3.7	3.43	1.07	6.7	6.28	6	5.74	5.41	5	4.49	3.9	3.21	2.44	1.66	0.98	0.49	0.2	0.05	6.52	6.1	5.83	5.58	5.24	4.85
1.95	3.78	4.73	3.68	3.4	1.07	6.68	6.27	5.99	5.73	5.39	4.99	4.48	3.88	3.18	2.41	1.64	0.96	0.48	0.19	0.05	6.51	6.1	5.83	5.57	5.24	4.84
1.75	3.82	4.7	3.65	3.39	1.07	6.66	6.25	5.98	5.72	5.38	4.97	4.46	3.86													

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.45	3.84	4.74	3.68	3.42	1.08	7.23	6.78	6.46	6.15	5.76	5.26	4.61	3.82	2.93	2.02	1.22	0.63	0.27	0.09	0.01	6.89	6.44	6.14	5.84	5.46	4.99
1.47	3.85	4.71	3.67	3.42	1.08	7.24	6.79	6.47	6.17	5.77	5.27	4.63	3.83	2.94	2.03	1.22	0.62	0.26	0.08	0.01	6.88	6.44	6.13	5.84	5.46	4.99
1.69	3.83	4.73	3.66	3.42	1.08	7.25	6.81	6.49	6.18	5.78	5.29	4.64	3.84	2.94	2.03	1.22	0.62	0.26	0.08	0.01	6.87	6.44	6.13	5.83	5.46	4.99
2.06	3.83	4.73	3.68	3.44	1.08	7.25	6.82	6.49	6.19	5.79	5.29	4.65	3.85	2.95	2.03	1.22	0.62	0.26	0.08	0.01	6.86	6.43	6.12	5.83	5.45	4.98
1.54	3.82	4.72	3.68	3.43	1.08	7.25	6.82	6.5	6.19	5.8	5.3	4.65	3.85	2.95	2.03	1.22	0.62	0.26	0.08	0.01	6.84	6.42	6.12	5.82	5.44	4.97
1.82	3.84	4.72	3.68	3.42	1.08	7.24	6.83	6.51	6.2	5.8	5.31	4.66	3.85	2.95	2.04	1.22	0.62	0.26	0.08	0.01	6.82	6.41	6.11	5.81	5.44	4.97
1.77	3.85	4.71	3.71	3.46	1.07	7.24	6.83	6.51	6.2	5.81	5.31	4.66	3.86	2.96	2.04	1.22	0.62	0.26	0.08	0.01	6.8	6.4	6.1	5.81	5.43	4.96
1.82	3.86	4.73	3.68	3.43	1.07	7.23	6.83	6.51	6.2	5.81	5.31	4.66	3.86	2.95	2.04	1.22	0.62	0.25	0.08	0.01	6.78	6.39	6.09	5.8	5.42	4.95
1.86	3.89	4.75	3.69	3.48	1.07	7.22	6.83	6.51	6.21	5.81	5.31	4.66	3.86	2.95	2.03	1.22	0.61	0.25	0.08	0.01	6.76	6.38	6.08	5.79	5.41	4.94
1.9	3.82	4.73	3.66	3.43	1.07	7.21	6.82	6.51	6.21	5.81	5.31	4.66	3.85	2.95	2.03	1.22	0.61	0.25	0.08	0.01	6.74	6.37	6.07	5.78	5.41	4.94
1.75	3.77	4.75	3.68	3.45	1.06	7.21	6.82	6.51	6.2	5.81	5.31	4.66	3.85	2.95	2.03	1.21	0.61	0.25	0.08	0.01	6.73	6.36	6.06	5.77	5.4	4.93
1.78	3.79	4.72	3.69	3.43	1.06	7.21	6.82	6.51	6.2	5.81	5.31	4.65	3.85	2.94	2.02	1.21	0.6	0.24	0.08	0.01	6.72	6.35	6.06	5.76	5.39	4.92
1.92	3.83	4.74	3.69	3.41	1.06	7.21	6.82	6.52	6.21	5.81	5.31	4.65	3.84	2.93	2.01	1.2	0.6	0.24	0.07	0.01	6.73	6.35	6.06	5.76	5.39	4.92
2.08	3.84	4.72	3.69	3.43	1.05	7.23	6.83	6.53	6.21	5.81	5.31	4.65	3.84	2.93	2	1.19	0.59	0.23	0.07	0.01	6.74	6.36	6.06	5.77	5.39	4.92
2.11	3.82	4.73	3.68	3.41	1.05	7.25	6.85	6.54	6.23	5.82	5.31	4.65	3.83	2.92	1.99	1.18	0.59	0.23	0.07	0.01	6.76	6.37	6.08	5.78	5.4	4.92
2.11	3.82	4.73	3.67	3.4	1.05	7.28	6.87	6.56	6.24	5.83	5.32	4.65	3.83	2.91	1.98	1.17	0.58	0.23	0.07	0.01	6.8	6.39	6.1	5.79	5.41	4.93
1.84	3.83	4.71	3.71	3.43	1.04	7.33	6.89	6.58	6.26	5.85	5.33	4.65	3.82	2.9	1.97	1.16	0.57	0.22	0.07	0.01	6.84	6.42	6.12	5.81	5.42	4.94
1.76	3.86	4.72	3.65	3.45	1.04	7.37	6.92	6.6	6.27	5.86	5.34	4.65	3.82	2.89	1.95	1.14	0.56	0.22	0.06	0.01	6.89	6.45	6.14	5.83	5.44	4.94
2.38	3.84	4.74	3.68	3.46	1.04	7.41	6.94	6.62	6.29	5.87	5.34	4.65	3.81	2.87	1.94	1.13	0.55	0.21	0.06	0.01	6.93	6.47	6.16	5.85	5.45	4.95
2.46	3.84	4.72	3.67	3.44	1.04	7.45	6.96	6.63	6.3	5.88	5.35	4.65	3.8	2.86	1.92	1.12	0.54	0.21	0.06	0.01	6.97	6.49	6.18	5.86	5.46	4.96
2.16	3.82	4.72	3.7	3.44	1.04	7.47	6.97	6.64	6.31	5.88	5.35	4.65	3.79	2.84	1.91	1.1	0.54	0.21	0.06	0.01	7	6.5	6.19	5.87	5.47	4.96
1.92	3.84	4.74	3.67	3.43	1.04	7.49	6.98	6.65	6.32	5.89	5.35	4.64	3.78	2.83	1.89	1.09	0.53	0.2	0.06	0.01	7.02	6.52	6.2	5.88	5.47	4.97
2.29	3.85	4.75	3.66	3.43	1.04	7.51	6.99	6.66	6.33	5.9	5.35	4.64	3.77	2.81	1.88	1.08	0.52	0.2	0.06	0.01	7.03	6.53	6.21	5.89	5.48	4.97
2.2	3.85	4.74	3.67	3.44	1.04	7.53	7.01	6.67	6.34	5.91	5.35	4.63	3.75	2.79	1.86	1.07	0.51	0.2	0.05	0.01	7.05	6.54	6.22	5.9	5.49	4.97
2.43	3.84	4.74	3.65	3.41	1.04	7.54	7.03	6.69	6.35	5.92	5.36	4.62	3.74	2.78	1.84	1.05	0.5	0.19	0.05	0.01	7.06	6.56	6.23	5.91	5.5	4.97
2.27	3.82	4.74	3.69	3.42	1.04	7.56	7.05	6.7	6.37	5.92	5.36	4.62	3.72	2.76	1.82	1.04	0.5	0.19	0.05	0.01	7.07	6.57	6.24	5.92	5.5	4.97
2.01	3.84	4.74	3.7	3.44	1.04	7.57	7.06	6.72	6.38	5.93	5.36	4.61	3.71	2.74	1.8	1.03	0.49	0.19	0.05	0.01	7.08	6.59	6.26	5.94	5.51	4.97
1.73	3.82	4.73	3.66	3.41	1.04	7.58	7.08	6.73	6.39	5.94	5.36	4.6	3.69	2.71	1.79	1.02	0.48	0.18	0.05	0.01	7.08	6.6	6.26	5.94	5.51	4.96
1.82	3.83	4.74	3.68	3.43	1.04	7.58	7.09	6.73	6.39	5.94	5.35	4.59	3.67	2.69	1.77	1.01	0.47	0.18	0.05	0.01	7.08	6.6	6.26	5.94	5.51	4.96
1.83	3.85	4.74	3.68	3.44	1.04	7.58	7.09	6.73	6.39	5.94	5.34	4.57	3.65	2.67	1.75	0.99	0.47	0.17	0.05	0.01	7.08	6.6	6.26	5.94	5.5	4.95
2.06	3.83	4.73	3.7	3.42	1.04	7.58	7.09	6.74	6.39	5.93	5.33	4.56	3.63	2.65	1.73	0.98	0.46	0.17	0.04	0.01	7.07	6.6	6.25	5.93	5.49	4.93
2.11	3.83	4.72	3.68	3.42	1.05	7.59	7.09	6.74	6.39	5.93	5.32	4.54	3.61	2.64	1.72	0.97	0.45	0.16	0.04	0.009	7.07	6.59	6.25	5.92	5.48	4.92
1.89	3.8	4.74	3.68	3.42	1.05	7.6	7.1	6.74	6.39	5.93	5.32	4.53	3.6	2.62	1.7	0.96	0.44	0.16	0.04	0.009	7.07	6.59	6.24	5.91	5.47	4.91
1.77	3.77	4.73	3.68	3.43	1.05	7.61	7.1	6.75	6.4	5.92	5.31	4.52	3.58	2.6	1.69	0.94	0.44	0.16	0.04	0.008	7.07	6.58	6.24	5.91	5.46	4.9
1.94	3.82	4.75	3.66	3.46	1.05	7.62	7.11	6.75	6.4	5.92	5.31	4.51	3.57	2.59	1.68	0.93	0.43	0.15	0.04	0.008	7.07	6.58	6.23	5.9	5.46	4.88
1.55	3.83	4.72	3.61	3.44	1.05	7.64	7.11	6.75	6.4	5.92	5.31	4.51	3.56	2.58	1.67	0.92	0.42	0.15	0.04	0.007	7.08	6.57	6.22	5.89	5.45	4.88
1.85	3.82	4.72	3.66	3.45	1.05	7.64	7.11	6.75	6.4	5.92	5.31	4.5	3.55	2.57	1.65	0.91	0.41	0.15	0.04	0.007	7.07	6.56	6.21	5.88	5.44	4.87
1.7	3.85	4.73	3.68	3.47	1.05	7.64	7.11	6.75	6.4	5.92	5.3	4.5	3.55	2.56	1.64	0.9	0.41	0.15	0.04	0.006	7.06	6.55	6.2	5.87	5.43	4.86
1.77	3.82	4.71	3.67	3.45	1.05	7.64	7.11	6.74	6.39	5.92	5.3	4.49	3.54	2.54	1.63	0.89	0.4	0.14	0.04	0.006	7.05	6.53	6.19	5.86	5.42	4.85
1.22	3.84	4.74	3.68	3.41	1.05	7.63	7.1	6.74	6.39	5.91	5.29	4.49	3.53	2.53	1.61	0.88	0.4	0.14	0.03	0.006	7.03	6.52	6.18	5.85	5.41	4.83
1.47	3.84	4.74	3.69	3.44	1.05	7.62	7.09	6.74	6.38	5.91	5.29	4.48	3.52	2.52	1.6	0.87	0.39	0.14	0.03	0.006	7.02	6.51	6.17	5.84	5.4	4.82
1.8	3.84	4.71	3.67	3.45	1.05	7.61	7.09	6.74	6.38	5.91	5.28	4.47	3.5	2.5	1.58	0.85	0.38	0.14	0.03	0.005	7.01	6.5	6.16	5.83	5.39	4.81
1.81	3.83	4.73	3.66	3.44	1.05	7.61	7.1	6.74	6.39	5.9	5.28	4.45	3.48	2.48	1.56	0.84	0.38	0.14	0.03	0.005	7	6.5	6.16	5.83	5.38	4.8
1.44	3.84	4.75	3.66	3.43	1.05	7.61	7.11	6.75	6.39	5.91	5.27	4.44	3.46	2.46	1.54	0.83	0.37	0.13	0.03	0.005	6.99	6.51	6.17	5.83	5.38	4.8
1.77	3.83	4.72	3.67	3.41	1.05	7.61	7.12	6.76	6.4	5.91	5.26	4.42	3.44	2.43	1.52	0.82	0.36	0.13	0.03	0.005	6.99	6.52	6.18	5.84	5.38	4.78
1.63	3.83	4.7	3.68	3.42	1.04	7.61	7.13	6.77	6.4	5.9	5.25	4.4	3.41	2.4	1.5	0.8	0.36	0.13	0.03	0.006	6.99	6.52	6.19	5.84	5.37	4.77
1.57	3.84	4.74	3.67	3.43	1.04	7.61	7.13	6.78	6.4	5.9	5.23	4.37	3.38	2.38	1.48	0.79	0.36	0.13	0.04	0.007	6.98	6.52	6.19	5.83	5.36	4.75
2	3.83	4.71	3.7	3.43	1.04	7.6	7.13	6.78	6.4	5.89	5.22	4.35	3.35	2.35	1.46	0.78	0.35	0.13	0.04	0.008	6.97	6.52	6.18	5.82	5.35	4.73
1.62	3.85	4.73	3.69	3.43	1.03	7.59	7.13	6.77	6.39	5.87	5.2	4.32	3.32	2.32	1.44	0.77	0.35	0.13	0.04	0.009	6.95	6.51	6.17	5.81	5.33	4.71
1.87	3.83	4.73	3.67	3.45	1.03	7.58	7.12	6.76	6.38	5.86																

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.37	3.85	4.74	3.67	3.44	1.06	8.1	7.34	6.78	6.15	5.33	4.33	3.23	2.23	1.45	0.87	0.47	0.22	0.08	0.02	0.007	7.01	6.3	5.81	5.26	4.56	3.71
1.86	3.83	4.72	3.66	3.45	1.06	8.1	7.33	6.77	6.14	5.31	4.31	3.21	2.21	1.44	0.86	0.46	0.21	0.08	0.02	0.006	7	6.29	5.79	5.24	4.53	3.68
1.9	3.86	4.71	3.68	3.44	1.06	8.1	7.33	6.76	6.12	5.29	4.29	3.19	2.2	1.43	0.86	0.46	0.21	0.08	0.02	0.006	6.99	6.27	5.77	5.21	4.5	3.66
1.96	3.83	4.72	3.68	3.42	1.06	8.1	7.32	6.75	6.11	5.27	4.27	3.18	2.19	1.42	0.86	0.46	0.21	0.08	0.02	0.006	6.98	6.26	5.75	5.19	4.48	3.64
1.12	3.85	4.73	3.7	3.46	1.06	8.11	7.32	6.74	6.09	5.26	4.26	3.17	2.18	1.42	0.86	0.46	0.21	0.08	0.02	0.006	6.97	6.25	5.73	5.17	4.46	3.62
1.83	3.86	4.74	3.67	3.46	1.06	8.13	7.31	6.73	6.08	5.24	4.24	3.16	2.18	1.42	0.85	0.46	0.21	0.07	0.02	0.006	6.98	6.23	5.71	5.16	4.44	3.61
2.18	3.86	4.74	3.69	3.45	1.07	8.15	7.32	6.72	6.07	5.23	4.23	3.15	2.18	1.41	0.85	0.46	0.21	0.07	0.02	0.006	6.99	6.23	5.7	5.14	4.43	3.6
2.03	3.86	4.74	3.66	3.45	1.07	8.18	7.32	6.71	6.06	5.22	4.23	3.15	2.18	1.42	0.85	0.45	0.2	0.07	0.02	0.005	7	6.22	5.69	5.12	4.41	3.59
1.99	3.85	4.73	3.69	3.48	1.07	8.2	7.32	6.7	6.05	5.21	4.22	3.15	2.18	1.42	0.85	0.45	0.2	0.07	0.02	0.005	7.02	6.21	5.67	5.11	4.4	3.58
1.9	3.85	4.74	3.71	3.44	1.07	8.22	7.31	6.69	6.04	5.21	4.22	3.16	2.19	1.42	0.85	0.45	0.2	0.07	0.02	0.005	7.03	6.2	5.66	5.09	4.39	3.58
1.79	3.83	4.74	3.72	3.45	1.07	8.23	7.3	6.68	6.03	5.2	4.23	3.17	2.2	1.43	0.85	0.45	0.2	0.07	0.02	0.004	7.03	6.19	5.64	5.08	4.38	3.57
1.88	3.86	4.75	3.72	3.46	1.07	8.23	7.3	6.67	6.02	5.2	4.24	3.18	2.22	1.44	0.86	0.45	0.2	0.07	0.02	0.004	7.04	6.18	5.63	5.07	4.38	3.58
1.94	3.84	4.75	3.68	3.44	1.07	8.24	7.3	6.67	6.02	5.21	4.25	3.21	2.24	1.46	0.86	0.45	0.19	0.07	0.02	0.003	7.03	6.17	5.62	5.07	4.38	3.59
2.27	3.84	4.74	3.66	3.43	1.07	8.25	7.31	6.68	6.03	5.23	4.28	3.24	2.27	1.47	0.87	0.45	0.19	0.06	0.02	0.003	7.04	6.18	5.63	5.07	4.4	3.61
1.48	3.86	4.74	3.72	3.44	1.07	8.27	7.32	6.69	6.05	5.26	4.32	3.28	2.3	1.49	0.88	0.45	0.19	0.06	0.02	0.003	7.06	6.19	5.64	5.09	4.42	3.64
2.01	3.88	4.75	3.7	3.47	1.07	8.29	7.35	6.72	6.08	5.3	4.37	3.33	2.34	1.52	0.89	0.45	0.19	0.06	0.02	0.004	7.07	6.21	5.66	5.11	4.45	3.68
1.97	3.86	4.74	3.71	3.46	1.07	8.31	7.37	6.74	6.12	5.34	4.42	3.39	2.39	1.55	0.9	0.45	0.19	0.06	0.02	0.005	7.09	6.23	5.68	5.14	4.49	3.73
2.1	3.85	4.74	3.7	3.45	1.07	8.32	7.38	6.76	6.15	5.39	4.49	3.46	2.45	1.59	0.92	0.45	0.19	0.06	0.02	0.005	7.1	6.24	5.7	5.17	4.53	3.78
1.7	3.83	4.76	3.72	3.46	1.07	8.31	7.39	6.78	6.18	5.44	4.55	3.53	2.51	1.63	0.94	0.46	0.18	0.06	0.02	0.005	7.1	6.25	5.71	5.2	4.57	3.83
1.19	3.84	4.75	3.71	3.45	1.07	8.29	7.38	6.78	6.2	5.48	4.62	3.6	2.58	1.67	0.96	0.46	0.18	0.06	0.02	0.005	7.08	6.24	5.72	5.22	4.61	3.89
1.72	3.84	4.73	3.7	3.44	1.07	8.26	7.36	6.78	6.22	5.52	4.68	3.68	2.65	1.72	0.98	0.47	0.18	0.06	0.01	0.005	7.05	6.22	5.71	5.23	4.64	3.94
1.67	3.83	4.73	3.72	3.44	1.07	8.21	7.32	6.76	6.23	5.56	4.74	3.76	2.72	1.77	1	0.48	0.18	0.06	0.01	0.005	7.01	6.2	5.7	5.24	4.68	3.99
0.98	3.82	4.73	3.7	3.44	1.06	8.16	7.29	6.75	6.24	5.59	4.8	3.84	2.79	1.82	1.02	0.48	0.18	0.06	0.01	0.005	6.97	6.17	5.7	5.25	4.71	4.05
2.13	3.82	4.71	3.68	3.45	1.06	8.12	7.26	6.74	6.25	5.63	4.86	3.91	2.86	1.87	1.05	0.49	0.18	0.06	0.01	0.005	6.93	6.15	5.69	5.27	4.74	4.1
1.82	3.82	4.7	3.66	3.46	1.06	8.09	7.25	6.75	6.27	5.67	4.93	3.99	2.93	1.91	1.07	0.49	0.18	0.06	0.01	0.006	6.91	6.14	5.7	5.29	4.78	4.15
2.15	3.84	4.72	3.65	3.47	1.06	8.08	7.25	6.76	6.29	5.71	4.98	4.05	3	1.96	1.09	0.49	0.18	0.06	0.02	0.006	6.9	6.15	5.71	5.31	4.82	4.21
1.99	3.84	4.72	3.66	3.47	1.06	8.08	7.26	6.77	6.31	5.75	5.04	4.12	3.05	2	1.1	0.5	0.18	0.06	0.01	0.006	6.9	6.16	5.73	5.34	4.85	4.25
1.71	3.84	4.73	3.68	3.45	1.06	8.08	7.27	6.79	6.34	5.78	5.08	4.17	3.1	2.03	1.11	0.49	0.17	0.05	0.01	0.005	6.91	6.18	5.76	5.36	4.89	4.3
1.94	3.84	4.73	3.68	3.43	1.06	8.08	7.28	6.8	6.36	5.81	5.12	4.21	3.13	2.05	1.12	0.48	0.16	0.04	0.01	-0.001	6.93	6.2	5.78	5.39	4.92	4.33
2.08	3.85	4.72	3.69	3.45	1.06	8.09	7.3	6.82	6.38	5.83	5.14	4.24	3.17	2.07	1.12	0.48	0.15	0.04	0.009	-0.003	6.95	6.23	5.8	5.41	4.94	4.36
1.8	3.83	4.71	3.71	3.47	1.06	8.11	7.32	6.83	6.39	5.85	5.17	4.26	3.19	2.09	1.13	0.48	0.15	0.04	0.009	-0.003	6.97	6.25	5.82	5.43	4.97	4.39
1.74	3.82	4.74	3.7	3.47	1.06	8.12	7.33	6.84	6.4	5.86	5.18	4.28	3.2	2.1	1.13	0.47	0.15	0.04	0.009	-0.002	7	6.27	5.83	5.45	4.98	4.4
2.12	3.84	4.7	3.71	3.45	1.06	8.14	7.34	6.85	6.4	5.86	5.19	4.29	3.21	2.1	1.13	0.47	0.15	0.04	0.009	-0.002	7.03	6.29	5.85	5.46	5	4.42
1.97	3.83	4.73	3.68	3.46	1.06	8.16	7.35	6.85	6.41	5.87	5.19	4.29	3.21	2.1	1.13	0.47	0.15	0.04	0.009	-0.002	7.06	6.31	5.86	5.47	5	4.43
1.78	3.85	4.75	3.67	3.44	1.06	8.17	7.35	6.85	6.4	5.86	5.18	4.28	3.21	2.09	1.12	0.46	0.14	0.04	0.009	-0.002	7.09	6.33	5.87	5.48	5.01	4.43
1.73	3.85	4.74	3.69	3.44	1.06	8.18	7.35	6.84	6.39	5.85	5.17	4.27	3.19	2.08	1.11	0.45	0.14	0.03	0.009	-0.001	7.11	6.33	5.88	5.48	5.01	4.42
2.02	3.85	4.7	3.68	3.45	1.06	8.17	7.34	6.83	6.38	5.83	5.15	4.25	3.17	2.06	1.1	0.44	0.14	0.03	0.009	-0.001	7.11	6.33	5.87	5.47	5	4.41
1.95	3.85	4.72	3.67	3.47	1.05	8.15	7.32	6.81	6.35	5.81	5.12	4.22	3.14	2.03	1.08	0.43	0.13	0.03	0.009	-0.001	7.11	6.33	5.87	5.47	4.99	4.4
1.79	3.84	4.73	3.71	3.43	1.05	8.11	7.3	6.79	6.33	5.78	5.09	4.19	3.11	2.01	1.05	0.42	0.13	0.03	0.009	-0.001	7.09	6.32	5.86	5.46	4.97	4.38
1.31	3.85	4.72	3.69	3.45	1.05	8.08	7.28	6.77	6.31	5.76	5.06	4.15	3.07	1.97	1.03	0.41	0.12	0.03	0.009	-0.002	7.06	6.31	5.85	5.45	4.96	4.36
1.72	3.87	4.74	3.7	3.44	1.05	8.04	7.26	6.75	6.29	5.73	5.03	4.12	3.03	1.93	1	0.4	0.12	0.03	0.009	-0.002	7.04	6.31	5.85	5.44	4.95	4.34
1.97	3.86	4.74	3.67	3.46	1.04	8.01	7.24	6.73	6.27	5.71	5	4.07	2.98	1.89	0.98	0.39	0.12	0.03	0.008	-0.002	7.02	6.3	5.84	5.43	4.94	4.32
1.95	3.84	4.76	3.69	3.44	1.04	7.98	7.22	6.72	6.26	5.69	4.96	4.03	2.93	1.85	0.95	0.38	0.11	0.03	0.008	-0.002	7.01	6.3	5.84	5.43	4.92	4.3
2	3.83	4.72	3.66	3.47	1.04	7.96	7.21	6.7	6.24	5.66	4.92	3.97	2.87	1.8	0.92	0.36	0.11	0.02	0.007	-0.001	7.01	6.3	5.84	5.42	4.91	4.27
1.87	3.83	4.75	3.66	3.49	1.04	7.95	7.2	6.69	6.22	5.63	4.88	3.91	2.81	1.75	0.89	0.35	0.11	0.02	0.007	-0.001	7.01	6.3	5.83	5.41	4.89	4.24
1.71	3.83	4.75	3.7	3.48	1.04	7.95	7.18	6.68	6.2	5.59	4.82	3.84	2.74	1.69	0.86	0.34	0.1	0.02	0.006	0	7.01	6.29	5.83	5.4	4.86	4.19
1.83	3.85	4.75	3.7	3.45	1.03	7.95	7.17	6.66	6.17	5.55	4.76	3.77	2.66	1.63	0.83	0.33	0.1	0.02	0.005	0	7.02	6.29	5.82	5.38	4.83	4.14
2.09	3.83	4.75	3.68	3.44	1.03	7.95	7.16	6.63	6.13	5.49	4.69	3.68	2.58	1.57	0.79	0.32	0.1	0.02	0.004	0	7.02	6.28	5.8	5.35	4.79	4.08
2.06	3.83	4.74	3.69	3.46	1.03	7.95	7.14	6.61	6.09	5.43	4.61	3.59	2.5	1.51	0.76	0.31	0.1	0.02	0.004	0	7.02	6.27	5.78	5.32	4.73	4.02
1.9	3.84	4.73	3.7	3.45	1.03	7.95	7.13	6.58	6.05																	

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.33	3.84	4.73	3.69	3.42	1.06	8.12	7.49	6.94	6.3	5.41	4.3	3.07	1.96	1.12	0.57	0.25	0.08	0.01	0.003	0.005	7.62	6.99	6.45	5.83	5	3.97
1.5	3.82	4.72	3.66	3.42	1.06	8.11	7.48	6.92	6.28	5.4	4.3	3.07	1.97	1.13	0.58	0.25	0.08	0.01	0.003	0.004	7.61	6.97	6.43	5.81	4.98	3.96
1.29	3.83	4.72	3.65	3.42	1.06	8.1	7.47	6.91	6.27	5.39	4.29	3.08	1.98	1.14	0.58	0.25	0.08	0.01	0.003	0.004	7.59	6.95	6.4	5.79	4.97	3.96
1.38	3.84	4.73	3.7	3.44	1.06	8.09	7.45	6.89	6.26	5.38	4.3	3.09	1.99	1.15	0.59	0.26	0.08	0.01	0.004	0.004	7.56	6.93	6.38	5.77	4.95	3.95
2.17	3.82	4.72	3.66	3.44	1.05	8.07	7.44	6.88	6.25	5.38	4.31	3.1	2	1.16	0.59	0.26	0.08	0.01	0.004	0.003	7.53	6.9	6.36	5.75	4.94	3.95
1.56	3.81	4.73	3.69	3.44	1.05	8.05	7.42	6.87	6.25	5.39	4.32	3.12	2.02	1.17	0.6	0.26	0.08	0.01	0.004	0.003	7.5	6.86	6.33	5.74	4.93	3.95
2.08	3.84	4.72	3.68	3.44	1.05	8.03	7.4	6.85	6.24	5.4	4.34	3.14	2.04	1.18	0.61	0.27	0.08	0.01	0.004	0.003	7.46	6.82	6.3	5.71	4.93	3.96
1.78	3.84	4.73	3.65	3.45	1.04	8	7.36	6.83	6.23	5.4	4.36	3.16	2.06	1.2	0.62	0.27	0.09	0.01	0.005	0.002	7.41	6.77	6.26	5.69	4.92	3.96
2.02	3.83	4.72	3.69	3.46	1.04	7.96	7.33	6.81	6.22	5.41	4.38	3.19	2.08	1.22	0.63	0.28	0.09	0.01	0.005	0.001	7.34	6.71	6.21	5.66	4.91	3.97
1.98	3.82	4.71	3.65	3.43	1.04	7.92	7.29	6.78	6.21	5.42	4.4	3.22	2.11	1.24	0.64	0.29	0.09	0.02	0.006	0.001	7.27	6.65	6.16	5.63	4.89	3.97
2.18	3.82	4.7	3.64	3.42	1.04	7.88	7.25	6.76	6.2	5.43	4.43	3.26	2.14	1.26	0.65	0.29	0.1	0.02	0.006	0	7.2	6.59	6.12	5.6	4.89	3.99
2.04	3.82	4.73	3.67	3.43	1.04	7.85	7.23	6.75	6.21	5.45	4.47	3.31	2.18	1.29	0.67	0.3	0.1	0.02	0.008	0	7.15	6.54	6.08	5.58	4.89	4.01
1.77	3.82	4.71	3.68	3.42	1.04	7.85	7.23	6.76	6.23	5.49	4.52	3.36	2.23	1.32	0.68	0.31	0.11	0.02	0.01	0.001	7.11	6.52	6.07	5.58	4.91	4.04
2.1	3.82	4.71	3.67	3.42	1.04	7.86	7.26	6.79	6.27	5.54	4.58	3.42	2.28	1.35	0.7	0.31	0.11	0.03	0.01	0.002	7.1	6.52	6.07	5.59	4.93	4.08
2.08	3.81	4.74	3.7	3.44	1.04	7.9	7.3	6.83	6.32	5.6	4.65	3.49	2.33	1.38	0.72	0.32	0.11	0.03	0.01	0.002	7.11	6.54	6.1	5.63	4.98	4.12
1.82	3.82	4.74	3.67	3.44	1.04	7.95	7.36	6.89	6.39	5.67	4.72	3.56	2.39	1.42	0.74	0.32	0.11	0.03	0.01	0.002	7.15	6.57	6.14	5.67	5.02	4.18
2.1	3.83	4.73	3.67	3.45	1.05	8.02	7.42	6.96	6.45	5.74	4.8	3.63	2.45	1.46	0.76	0.33	0.11	0.03	0.009	0.001	7.19	6.62	6.18	5.72	5.08	4.24
2.28	3.84	4.71	3.67	3.46	1.05	8.07	7.48	7.02	6.51	5.81	4.87	3.7	2.51	1.51	0.78	0.34	0.12	0.03	0.007	0.001	7.23	6.66	6.23	5.76	5.13	4.29
1.83	3.86	4.72	3.69	3.47	1.05	8.11	7.52	7.06	6.56	5.87	4.94	3.77	2.58	1.55	0.8	0.35	0.12	0.03	0.006	0	7.26	6.69	6.26	5.8	5.17	4.35
1.92	3.84	4.7	3.7	3.44	1.06	8.13	7.54	7.09	6.6	5.92	5	3.84	2.64	1.6	0.83	0.35	0.12	0.02	0.004	-0.001	7.28	6.71	6.28	5.83	5.21	4.4
2.14	3.84	4.72	3.7	3.43	1.06	8.14	7.55	7.11	6.63	5.96	5.05	3.91	2.7	1.64	0.85	0.36	0.12	0.02	0.004	-0.001	7.29	6.71	6.3	5.86	5.25	4.45
2.11	3.83	4.73	3.7	3.4	1.06	8.13	7.55	7.12	6.65	5.99	5.1	3.97	2.77	1.69	0.88	0.37	0.12	0.02	0.004	0	7.28	6.72	6.31	5.88	5.28	4.49
1.64	3.83	4.71	3.69	3.4	1.07	8.11	7.54	7.12	6.66	6.02	5.15	4.04	2.83	1.74	0.91	0.38	0.12	0.02	0.003	0.001	7.28	6.72	6.33	5.9	5.32	4.55
1.55	3.84	4.71	3.7	3.46	1.07	8.1	7.54	7.13	6.68	6.05	5.2	4.1	2.9	1.79	0.94	0.39	0.13	0.03	0.003	0.003	7.29	6.74	6.35	5.94	5.36	4.61
1.84	3.83	4.72	3.67	3.42	1.07	8.11	7.55	7.14	6.71	6.09	5.26	4.17	2.96	1.84	0.96	0.4	0.13	0.03	0.003	0.004	7.31	6.77	6.38	5.98	5.41	4.67
2.09	3.83	4.73	3.69	3.41	1.07	8.12	7.57	7.16	6.73	6.13	5.31	4.23	3.03	1.89	0.99	0.41	0.13	0.03	0.003	0.006	7.35	6.81	6.42	6.02	5.47	4.73
1.58	3.84	4.74	3.7	3.48	1.07	8.13	7.58	7.17	6.75	6.16	5.36	4.29	3.08	1.94	1.01	0.42	0.13	0.03	0.003	0.008	7.4	6.85	6.46	6.06	5.52	4.78
1.53	3.84	4.72	3.71	3.45	1.07	8.14	7.58	7.18	6.76	6.18	5.39	4.33	3.13	1.98	1.04	0.43	0.13	0.02	0.004	0.009	7.44	6.88	6.49	6.1	5.56	4.84
1.95	3.85	4.73	3.72	3.46	1.07	8.13	7.57	7.16	6.75	6.18	5.41	4.37	3.17	2.01	1.06	0.44	0.13	0.03	0.004	0.01	7.46	6.9	6.51	6.12	5.59	4.87
1.24	3.87	4.74	3.72	3.45	1.07	8.1	7.53	7.13	6.72	6.17	5.41	4.38	3.2	2.04	1.08	0.45	0.14	0.03	0.005	0.009	7.47	6.9	6.5	6.12	5.6	4.9
1.94	3.85	4.72	3.68	3.45	1.07	8.06	7.48	7.08	6.68	6.14	5.39	4.39	3.22	2.06	1.1	0.46	0.14	0.03	0.006	0.008	7.46	6.88	6.49	6.11	5.59	4.9
2.06	3.84	4.72	3.7	3.45	1.07	8.02	7.43	7.03	6.63	6.1	5.37	4.38	3.23	2.08	1.11	0.47	0.15	0.03	0.007	0.007	7.44	6.85	6.46	6.08	5.58	4.9
1.87	3.84	4.74	3.69	3.43	1.06	7.97	7.37	6.97	6.58	6.05	5.33	4.37	3.23	2.09	1.13	0.48	0.15	0.03	0.008	0.006	7.42	6.82	6.43	6.05	5.55	4.89
2.1	3.79	4.74	3.69	3.5	1.06	7.94	7.31	6.92	6.52	6	5.3	4.35	3.23	2.1	1.14	0.49	0.16	0.04	0.009	0.004	7.41	6.79	6.4	6.02	5.53	4.87
1.95	3.82	4.71	3.69	3.44	1.06	7.92	7.28	6.88	6.48	5.97	5.27	4.33	3.22	2.11	1.16	0.51	0.16	0.04	0.01	0.003	7.42	6.78	6.39	6.01	5.51	4.86
1.72	3.84	4.72	3.68	3.45	1.06	7.92	7.26	6.85	6.46	5.94	5.24	4.31	3.22	2.12	1.17	0.52	0.17	0.04	0.01	0.001	7.44	6.77	6.38	6	5.5	4.85
1.89	3.82	4.75	3.67	3.42	1.06	7.93	7.25	6.84	6.44	5.92	5.22	4.3	3.21	2.12	1.18	0.52	0.17	0.04	0.01	0	7.46	6.79	6.39	6	5.5	4.84
1.92	3.84	4.74	3.67	3.43	1.06	7.94	7.25	6.84	6.43	5.9	5.21	4.29	3.21	2.12	1.19	0.53	0.17	0.04	0.01	-0.001	7.5	6.8	6.4	6	5.5	4.84
2.12	3.85	4.72	3.71	3.45	1.06	7.96	7.26	6.84	6.43	5.9	5.2	4.28	3.2	2.13	1.19	0.54	0.18	0.04	0.01	-0.001	7.52	6.82	6.41	6.01	5.5	4.84
2.25	3.83	4.72	3.72	3.43	1.06	7.98	7.27	6.85	6.43	5.89	5.2	4.28	3.2	2.13	1.2	0.54	0.18	0.04	0.01	-0.002	7.54	6.84	6.42	6.01	5.5	4.84
2.33	3.83	4.71	3.68	3.51	1.07	7.98	7.28	6.85	6.43	5.89	5.19	4.27	3.2	2.13	1.21	0.55	0.18	0.04	0.01	-0.002	7.55	6.85	6.42	6.02	5.5	4.84
2.29	3.85	4.72	3.68	3.47	1.07	7.98	7.28	6.85	6.43	5.89	5.19	4.27	3.2	2.13	1.21	0.55	0.18	0.04	0.01	-0.002	7.54	6.85	6.42	6.02	5.5	4.84
2.12	3.84	4.71	3.7	3.43	1.07	7.97	7.28	6.85	6.43	5.89	5.19	4.27	3.2	2.14	1.22	0.56	0.19	0.04	0.01	-0.002	7.53	6.84	6.42	6.01	5.5	4.84
1.69	3.83	4.72	3.67	3.43	1.08	7.96	7.28	6.84	6.42	5.89	5.19	4.28	3.21	2.14	1.22	0.56	0.19	0.04	0.01	-0.002	7.51	6.83	6.41	6.01	5.5	4.84
1.79	3.83	4.72	3.68	3.41	1.08	7.95	7.27	6.84	6.42	5.88	5.2	4.28	3.21	2.15	1.22	0.56	0.19	0.04	0.01	-0.002	7.49	6.82	6.4	6	5.49	4.84
2.06	3.84	4.71	3.68	3.42	1.08	7.94	7.26	6.83	6.41	5.88	5.2	4.29	3.22	2.15	1.23	0.56	0.19	0.04	0.01	-0.002	7.47	6.8	6.38	5.98	5.48	4.84
1.98	3.83	4.7	3.67	3.45	1.09	7.92	7.25	6.82	6.4	5.88	5.2	4.29	3.23	2.16	1.23	0.56	0.19	0.04	0.009	-0.002	7.45	6.79	6.37	5.97	5.48	4.84
2.12	3.82	4.72	3.69	3.44	1.09	7.91	7.24	6.81	6.4	5.88	5.2	4.3	3.23	2.16	1.23	0.56	0.19	0.04	0.009	-0.002	7.43	6.77	6.35	5.96	5.47	4.84
2.11	3.84	4.73	3.69	3.42	1.1	7.9	7.23	6.79	6.39	5.87	5.2	4.3	3.23	2.16	1.23	0.56	0.19	0.04	0.009	-0.001	7.41	6.75	6.33	5.94	5.46	4.83
1.64	3.83	4.71	3.71	3.42	1.1	7.89	7.21	6.78	6.38																	

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.83	3.84	4.75	3.67	3.48	1.06	7.92	7.11	6.6	6.09	5.43	4.57	3.5	2.38	1.42	0.72	0.29	0.08	0.01	0.003	0.003	7.33	6.54	6.05	5.58	4.97	4.18
1.66	3.84	4.72	3.69	3.47	1.06	7.92	7.11	6.6	6.09	5.43	4.55	3.47	2.35	1.39	0.7	0.28	0.08	0.01	0.003	0.002	7.31	6.52	6.04	5.57	4.95	4.15
1.99	3.86	4.73	3.71	3.46	1.07	7.92	7.11	6.61	6.1	5.42	4.54	3.44	2.31	1.36	0.68	0.27	0.08	0.01	0.003	0.002	7.29	6.51	6.04	5.56	4.94	4.13
2.2	3.84	4.75	3.68	3.44	1.08	7.91	7.12	6.62	6.1	5.42	4.52	3.41	2.28	1.33	0.66	0.26	0.08	0.01	0.002	0.002	7.28	6.51	6.04	5.56	4.93	4.11
1.62	3.83	4.75	3.69	3.47	1.09	7.92	7.13	6.64	6.12	5.43	4.51	3.39	2.25	1.3	0.64	0.25	0.07	0.01	0.002	0.001	7.28	6.52	6.05	5.57	4.93	4.1
1.58	3.84	4.72	3.69	3.48	1.1	7.93	7.16	6.66	6.14	5.44	4.51	3.37	2.22	1.27	0.62	0.24	0.07	0.01	0.001	0.001	7.28	6.54	6.07	5.58	4.93	4.09
1.46	3.86	4.73	3.71	3.45	1.1	7.95	7.2	6.69	6.16	5.45	4.5	3.34	2.18	1.24	0.6	0.23	0.07	0.01	0.001	0.001	7.31	6.58	6.1	5.6	4.94	4.09
1.98	3.87	4.73	3.7	3.46	1.11	7.97	7.24	6.72	6.18	5.45	4.49	3.32	2.15	1.21	0.58	0.22	0.06	0.01	0.001	0.002	7.33	6.62	6.13	5.62	4.95	4.07
2.15	3.85	4.72	3.68	3.49	1.11	8	7.27	6.74	6.19	5.45	4.47	3.29	2.12	1.18	0.56	0.21	0.06	0.009	0.001	0.002	7.36	6.65	6.15	5.63	4.95	4.06
1.54	3.85	4.72	3.7	3.47	1.11	8.02	7.29	6.75	6.2	5.44	4.45	3.25	2.08	1.16	0.54	0.2	0.05	0.008	0.001	0.002	7.38	6.66	6.16	5.64	4.94	4.03
1.51	3.86	4.73	3.71	3.46	1.11	8.03	7.29	6.75	6.18	5.42	4.41	3.21	2.04	1.13	0.52	0.19	0.05	0.007	0.002	0.001	7.39	6.66	6.15	5.62	4.91	4
1.95	3.85	4.73	3.69	3.46	1.11	8.02	7.27	6.73	6.16	5.38	4.37	3.16	2	1.1	0.51	0.19	0.05	0.006	0.002	0.001	7.38	6.65	6.13	5.6	4.88	3.96
1.9	3.83	4.73	3.7	3.46	1.1	8.01	7.24	6.7	6.13	5.35	4.33	3.12	1.96	1.07	0.49	0.18	0.05	0.006	0.002	0	7.36	6.61	6.1	5.56	4.84	3.92
1.72	3.85	4.73	3.65	3.47	1.1	7.98	7.22	6.67	6.1	5.31	4.28	3.07	1.92	1.04	0.48	0.17	0.04	0.006	0.003	-0.002	7.33	6.58	6.06	5.53	4.8	3.87
1.88	3.86	4.73	3.66	3.45	1.09	7.96	7.2	6.65	6.08	5.28	4.24	3.02	1.87	1.01	0.46	0.17	0.04	0.007	0.003	-0.003	7.3	6.55	6.04	5.5	4.76	3.83
1.97	3.81	4.72	3.67	3.46	1.09	7.96	7.2	6.65	6.07	5.26	4.21	2.98	1.84	0.99	0.45	0.16	0.04	0.01	0.005	-0.002	7.29	6.54	6.03	5.48	4.74	3.8
1.54	3.8	4.74	3.67	3.45	1.08	7.97	7.22	6.67	6.07	5.25	4.18	2.94	1.8	0.96	0.43	0.16	0.04	0.01	0.007	-0.002	7.29	6.55	6.03	5.48	4.73	3.77
1.89	3.82	4.73	3.69	3.47	1.07	8	7.26	6.7	6.09	5.25	4.17	2.91	1.77	0.94	0.42	0.15	0.04	0.01	0.008	-0.001	7.32	6.58	6.05	5.49	4.72	3.75
2.01	3.82	4.74	3.69	3.46	1.07	8.05	7.31	6.74	6.12	5.26	4.15	2.88	1.74	0.91	0.41	0.15	0.04	0.01	0.008	-0.001	7.36	6.62	6.08	5.51	4.72	3.73
1.75	3.82	4.74	3.67	3.48	1.07	8.11	7.36	6.78	6.14	5.27	4.14	2.85	1.71	0.89	0.39	0.14	0.04	0.01	0.007	0	7.4	6.66	6.11	5.52	4.72	3.71
1.38	3.85	4.75	3.68	3.46	1.06	8.15	7.4	6.81	6.16	5.26	4.11	2.82	1.68	0.86	0.38	0.13	0.04	0.01	0.006	0	7.44	6.69	6.13	5.53	4.71	3.68
1.7	3.84	4.72	3.68	3.43	1.06	8.18	7.42	6.82	6.16	5.25	4.08	2.78	1.64	0.84	0.36	0.13	0.03	0.01	0.005	0	7.46	6.7	6.13	5.52	4.69	3.65
1.94	3.86	4.72	3.69	3.45	1.06	8.19	7.42	6.81	6.14	5.22	4.04	2.74	1.61	0.82	0.35	0.12	0.03	0.009	0.004	0	7.46	6.69	6.12	5.5	4.66	3.61
1.24	3.85	4.72	3.69	3.46	1.06	8.18	7.4	6.79	6.11	5.17	3.99	2.69	1.57	0.8	0.34	0.11	0.03	0.008	0.003	-0.001	7.44	6.67	6.09	5.46	4.61	3.56
1.57	3.82	4.74	3.68	3.46	1.05	8.17	7.37	6.76	6.07	5.12	3.94	2.65	1.54	0.78	0.33	0.11	0.02	0.007	0.003	-0.001	7.42	6.63	6.05	5.41	4.56	3.51
1.51	3.83	4.72	3.69	3.45	1.05	8.16	7.34	6.72	6.02	5.07	3.88	2.6	1.51	0.75	0.32	0.1	0.02	0.007	0.003	0	7.4	6.59	6	5.36	4.5	3.45
1.64	3.82	4.73	3.67	3.44	1.05	8.15	7.32	6.68	5.98	5.01	3.82	2.55	1.47	0.74	0.31	0.1	0.02	0.007	0.003	0	7.38	6.56	5.96	5.31	4.44	3.4
2.03	3.83	4.72	3.64	3.45	1.05	8.15	7.3	6.65	5.93	4.95	3.77	2.5	1.44	0.72	0.3	0.1	0.02	0.007	0.003	0	7.38	6.53	5.93	5.27	4.39	3.34
2.01	3.84	4.75	3.67	3.46	1.05	8.16	7.29	6.63	5.9	4.9	3.71	2.45	1.41	0.7	0.29	0.1	0.02	0.007	0.003	0	7.37	6.52	5.9	5.23	4.34	3.29
2.08	3.85	4.74	3.7	3.42	1.05	8.18	7.28	6.61	5.86	4.86	3.66	2.41	1.37	0.68	0.28	0.09	0.02	0.007	0.004	0	7.38	6.51	5.87	5.19	4.3	3.25
2.15	3.85	4.75	3.72	3.44	1.05	8.2	7.28	6.59	5.83	4.82	3.62	2.37	1.35	0.66	0.28	0.09	0.02	0.007	0.003	0	7.39	6.5	5.85	5.16	4.26	3.2
2.08	3.85	4.73	3.68	3.45	1.05	8.21	7.28	6.57	5.81	4.78	3.58	2.33	1.32	0.64	0.27	0.09	0.02	0.006	0.003	0	7.4	6.49	5.83	5.13	4.22	3.17
2.22	3.84	4.73	3.67	3.45	1.05	8.21	7.27	6.56	5.79	4.76	3.54	2.3	1.29	0.63	0.26	0.08	0.02	0.006	0.003	0	7.39	6.47	5.81	5.11	4.19	3.13
2.07	3.83	4.74	3.69	3.47	1.05	8.21	7.26	6.55	5.77	4.74	3.52	2.27	1.27	0.61	0.25	0.08	0.02	0.005	0.003	0	7.38	6.46	5.8	5.09	4.17	3.11
1.99	3.83	4.75	3.7	3.47	1.05	8.2	7.25	6.54	5.76	4.72	3.5	2.25	1.25	0.59	0.24	0.08	0.02	0.004	0.003	0	7.37	6.45	5.78	5.08	4.16	3.09
2.3	3.84	4.74	3.68	3.46	1.05	8.18	7.25	6.54	5.76	4.72	3.49	2.24	1.23	0.58	0.23	0.08	0.01	0.003	0.003	0	7.35	6.44	5.78	5.07	4.15	3.08
2	3.85	4.74	3.7	3.42	1.05	8.17	7.25	6.55	5.77	4.73	3.49	2.23	1.21	0.56	0.22	0.07	0.01	0.002	0.003	-0.001	7.33	6.44	5.79	5.08	4.16	3.08
1.9	3.85	4.74	3.68	3.43	1.05	8.16	7.26	6.57	5.8	4.75	3.5	2.22	1.2	0.55	0.21	0.07	0.01	0.001	0.002	0	7.32	6.44	5.8	5.1	4.17	3.09
1.94	3.85	4.72	3.71	3.45	1.05	8.16	7.28	6.6	5.82	4.78	3.52	2.22	1.18	0.54	0.2	0.07		0	0.002	0	7.31	6.45	5.82	5.11	4.19	3.1
1.03	3.84	4.73	3.66	3.45	1.05	8.17	7.31	6.63	5.86	4.8	3.53	2.22	1.17	0.52	0.2	0.06		0.001	0.002	0	7.3	6.46	5.84	5.14	4.21	3.1
1.71	3.82	4.71	3.65	3.45	1.05	8.17	7.33	6.67	5.89	4.83	3.55	2.21	1.16	0.51	0.19	0.06		0.002	0.001	0.001	7.29	6.47	5.86	5.16	4.22	3.11
1.95	3.83	4.69	3.68	3.46	1.05	8.19	7.36	6.7	5.92	4.86	3.56	2.21	1.15	0.5	0.18	0.05			0	0.001	7.28	6.48	5.87	5.17	4.23	3.11
2.04	3.84	4.74	3.66	3.45	1.05	8.21	7.38	6.73	5.95	4.87	3.57	2.2	1.13	0.49	0.18	0.05			0	0.002	7.28	6.49	5.88	5.18	4.24	3.11
2.26	3.82	4.75	3.67	3.44	1.05	8.23	7.4	6.75	5.97	4.88	3.56	2.19	1.12	0.48	0.17	0.04			0	0.004	7.29	6.49	5.89	5.18	4.24	3.1
1.68	3.84	4.74	3.7	3.45	1.05	8.26	7.42	6.76	5.97	4.88	3.55	2.18	1.11	0.47	0.17	0.04			0	0.005	7.29	6.48	5.88	5.17	4.22	3.09
1.92	3.86	4.76	3.7	3.44	1.06	8.28	7.43	6.77	5.97	4.86	3.52	2.15	1.09	0.46	0.16	0.04		0.001	0.006	7.3	6.48	5.87	5.16	4.2	3.06	
1.98	3.86	4.72	3.68	3.45	1.06	8.3	7.43	6.76	5.95	4.83	3.49	2.12	1.07	0.45	0.16	0.04		0.001	0.006	7.3	6.47	5.85	5.13	4.16	3.02	
1.92	3.82	4.72	3.69	3.45	1.07	8.32	7.42	6.74	5.91	4.78	3.44	2.09	1.05	0.44	0.15	0.04		0.001	0.006	7.31	6.45	5.83	5.1	4.12	2.98	
1.42	3.83	4.73	3.63	3.44	1.07	8.33	7.41	6.71	5.87	4.73	3.38	2.05	1.03	0.43	0.15	0.04		0.001	0.005	7.31	6.44	5.8	5.05	4.07	2.93	
1.52	3.84	4.73	3.68	3.44	1.08	8.33	7.39	6.67	5.81	4.66	3.32	2	1.01	0.42	0.15	0.04		0.001	0.004	7.31	6.42	5.76	5.01			

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.71	3.87	4.74	3.7	3.46	1.12	7.72	6.5	5.46	4.31	3.01	1.84	0.96	0.45	0.2	0.08	0.02	0.007	0	0.002	-0.001	7.43	6.22	5.21	4.1	2.87	1.76
1.82	3.86	4.73	3.71	3.46	1.12	7.75	6.57	5.53	4.36	3.04	1.84	0.95	0.44	0.19	0.07	0.02	0.005	0	0.002	0	7.5	6.32	5.29	4.17	2.91	1.76
1.29	3.85	4.75	3.71	3.46	1.12	7.78	6.63	5.58	4.4	3.06	1.83	0.93	0.43	0.18	0.07	0.02		0.001	0.002	0	7.55	6.39	5.36	4.22	2.93	1.76
1.67	3.85	4.72	3.71	3.46	1.12	7.79	6.65	5.6	4.42	3.06	1.82	0.92	0.42	0.18	0.07	0.02		0.001	0.002	0.001	7.59	6.44	5.4	4.25	2.95	1.76
2.14	3.85	4.71	3.72	3.46	1.11	7.78	6.64	5.59	4.41	3.05	1.8	0.9	0.41	0.17	0.06	0.02		0.002	0.002	0.001	7.61	6.44	5.41	4.26	2.94	1.75
1.86	3.86	4.7	3.73	3.43	1.11	7.74	6.59	5.55	4.38	3.02	1.78	0.88	0.4	0.17	0.06	0.01		0.003	0.002	0.002	7.59	6.42	5.38	4.24	2.92	1.72
1.73	3.85	4.7	3.71	3.42	1.1	7.68	6.52	5.49	4.32	2.98	1.74	0.86	0.38	0.16	0.06	0.01		0.004	0.002	0.002	7.54	6.36	5.33	4.19	2.88	1.69
1.72	3.85	4.72	3.71	3.45	1.1	7.61	6.44	5.41	4.25	2.92	1.7	0.84	0.37	0.16	0.06	0.01		0.004	0.002	0.001	7.48	6.29	5.27	4.13	2.83	1.65
2	3.84	4.73	3.7	3.45	1.09	7.53	6.35	5.34	4.18	2.85	1.65	0.81	0.36	0.15	0.06	0.01		0.004	0.003	0.001	7.41	6.21	5.2	4.06	2.77	1.61
2.1	3.85	4.72	3.67	3.46	1.08	7.46	6.29	5.27	4.11	2.79	1.6	0.78	0.35	0.15	0.06	0.01		0.004	0.003	0.001	7.35	6.15	5.14	4	2.71	1.56
2.14	3.84	4.72	3.66	3.44	1.08	7.42	6.24	5.22	4.05	2.73	1.56	0.76	0.34	0.14	0.05	0.01		0.004	0.003	0.001	7.32	6.12	5.1	3.95	2.66	1.52
2.07	3.85	4.7	3.66	3.47	1.07	7.41	6.22	5.19	4.01	2.68	1.52	0.73	0.33	0.14	0.05	0.01		0.004	0.003	0.002	7.31	6.11	5.08	3.92	2.62	1.48
2.45	3.87	4.71	3.7	3.52	1.07	7.41	6.22	5.17	3.98	2.64	1.48	0.71	0.32	0.14	0.05	0.01		0.004	0.003	0.002	7.33	6.11	5.07	3.89	2.58	1.45
2.16	3.84	4.71	3.68	3.43	1.07	7.43	6.23	5.17	3.96	2.61	1.45	0.69	0.31	0.13	0.05	0.01		0.004	0.003	0.003	7.36	6.14	5.08	3.88	2.55	1.42
1.95	3.85	4.74	3.71	3.45	1.07	7.44	6.24	5.17	3.95	2.58	1.42	0.68	0.31	0.13	0.04			0.004	0.003	0.004	7.39	6.16	5.08	3.87	2.53	1.39
1.73	3.85	4.74	3.69	3.46	1.07	7.46	6.25	5.17	3.93	2.55	1.39	0.66	0.3	0.13	0.04			0.004	0.003	0.004	7.42	6.18	5.09	3.86	2.5	1.37
1.38	3.83	4.72	3.7	3.44	1.07	7.47	6.25	5.15	3.91	2.52	1.37	0.65	0.29	0.12	0.04			0.004	0.003	0.004	7.45	6.19	5.09	3.85	2.47	1.35
1	3.86	4.72	3.66	3.42	1.06	7.46	6.23	5.13	3.87	2.48	1.35	0.64	0.29	0.12	0.04			0.004	0.003	0.004	7.46	6.19	5.07	3.82	2.45	1.33
2.02	3.84	4.73	3.68	3.45	1.06	7.44	6.19	5.09	3.83	2.45	1.33	0.64	0.29	0.12	0.04			0.004	0.004	0.004	7.45	6.17	5.05	3.79	2.42	1.31
1.59	3.86	4.74	3.7	3.46	1.06	7.4	6.14	5.03	3.77	2.41	1.31	0.64	0.29	0.12	0.04			0.004	0.004	0.003	7.43	6.13	5	3.74	2.38	1.3
1.33	3.85	4.73	3.7	3.45	1.06	7.35	6.07	4.95	3.7	2.36	1.3	0.64	0.29	0.12	0.04	0.01		0.003	0.004	0.003	7.4	6.07	4.94	3.68	2.34	1.29
1.81	3.85	4.72	3.7	3.43	1.06	7.29	5.98	4.86	3.62	2.31	1.28	0.64	0.3	0.12	0.04	0.01		0.003	0.003	0.002	7.36	6	4.86	3.61	2.3	1.27
1.99	3.85	4.7	3.67	3.47	1.06	7.22	5.88	4.76	3.54	2.26	1.27	0.64	0.3	0.13	0.04	0.01		0.003	0.003	0.001	7.31	5.91	4.77	3.53	2.26	1.26
2.01	3.85	4.74	3.69	3.44	1.06	7.15	5.77	4.64	3.44	2.21	1.25	0.64	0.3	0.13	0.04	0.01		0.002	0.003	0	7.25	5.82	4.67	3.45	2.21	1.25
1.94	3.84	4.75	3.73	3.42	1.06	7.07	5.65	4.52	3.35	2.16	1.24	0.64	0.31	0.13	0.04	0.01		0.002	0.003	-0.001	7.19	5.71	4.56	3.37	2.17	1.24
2.08	3.85	4.74	3.7	3.45	1.06	6.99	5.53	4.4	3.26	2.11	1.23	0.64	0.31	0.13	0.05	0.01		0.001	0.003	-0.002	7.13	5.61	4.45	3.28	2.12	1.23
1.92	3.85	4.75	3.68	3.46	1.06	6.92	5.42	4.29	3.18	2.07	1.22	0.65	0.32	0.14	0.05	0.02		0	0.004	-0.002	7.08	5.51	4.35	3.21	2.09	1.23
2.1	3.84	4.74	3.68	3.43	1.06	6.86	5.32	4.2	3.11	2.04	1.21	0.65	0.32	0.14	0.05	0.02	0.009	0.002	0.005	-0.001	7.03	5.42	4.26	3.14	2.06	1.22
2.08	3.85	4.71	3.66	3.46	1.06	6.81	5.24	4.12	3.05	2.01	1.21	0.65	0.32	0.15	0.06	0.02	0.01	0.002	0.005	-0.001	6.99	5.34	4.19	3.09	2.03	1.22
1.77	3.84	4.72	3.69	3.44	1.06	6.78	5.18	4.06	3.01	1.99	1.21	0.66	0.33	0.15	0.06	0.02	0.01	0.003	0.005	-0.001	6.97	5.3	4.14	3.06	2.02	1.22
1.11	3.86	4.73	3.69	3.43	1.06	6.77	5.16	4.03	2.99	1.98	1.21	0.66	0.33	0.15	0.06	0.02	0.01	0.002	0.005	-0.001	6.98	5.28	4.11	3.04	2.01	1.22
1.84	3.85	4.72	3.7	3.45	1.07	6.79	5.16	4.02	2.98	1.98	1.21	0.66	0.33	0.15	0.06	0.02	0.009	0.001	0.004	-0.001	7.01	5.29	4.11	3.03	2.01	1.22
1.95	3.85	4.72	3.69	3.42	1.07	6.84	5.19	4.04	2.98	1.98	1.21	0.66	0.33	0.14	0.05	0.02	0.008	0.001	0.003	-0.001	7.06	5.32	4.13	3.04	2.01	1.22
1.45	3.85	4.72	3.67	3.45	1.07	6.9	5.24	4.07	3	1.99	1.21	0.66	0.33	0.14	0.05	0.01		0	0.002	-0.001	7.13	5.38	4.16	3.06	2.02	1.22
1.77	3.84	4.71	3.66	3.43	1.07	6.98	5.31	4.11	3.02	1.99	1.21	0.66	0.32	0.14	0.05	0.01		0.001	0.002	-0.001	7.21	5.45	4.21	3.08	2.03	1.22
1.97	3.85	4.74	3.65	3.4	1.07	7.05	5.37	4.16	3.04	2	1.21	0.66	0.32	0.14	0.05	0.01		0.001	0.001	0	7.28	5.52	4.25	3.1	2.03	1.22
1.82	3.85	4.74	3.68	3.45	1.07	7.11	5.43	4.19	3.05	2	1.2	0.65	0.32	0.13	0.04	0.01		0.002	0.001	0	7.35	5.57	4.29	3.11	2.03	1.22
1.96	3.88	4.73	3.71	3.51	1.07	7.16	5.47	4.22	3.06	1.99	1.19	0.65	0.31	0.13	0.04	0.01		0.002	0.001	0	7.38	5.6	4.31	3.11	2.02	1.21
1.41	3.88	4.73	3.7	3.49	1.08	7.17	5.48	4.22	3.05	1.98	1.18	0.64	0.31	0.13	0.04	0.01		0.002	0.001	0	7.38	5.61	4.3	3.1	2	1.19
2.15	3.85	4.71	3.69	3.47	1.08	7.16	5.46	4.2	3.03	1.96	1.17	0.63	0.3	0.13	0.04	0.01		0.002	0.001	0.001	7.35	5.58	4.28	3.07	1.98	1.18
2.12	3.86	4.75	3.69	3.49	1.08	7.12	5.41	4.16	2.99	1.93	1.15	0.62	0.3	0.12	0.04	0.01		0.002	0.001	0.001	7.29	5.52	4.23	3.03	1.95	1.16
2.13	3.86	4.74	3.69	3.47	1.09	7.06	5.34	4.1	2.95	1.9	1.13	0.61	0.29	0.12	0.04	0.01		0.002	0.001	0.002	7.21	5.43	4.16	2.98	1.91	1.14
2.08	3.83	4.74	3.68	3.45	1.09	6.98	5.25	4.02	2.89	1.86	1.11	0.6	0.29	0.12	0.04	0.01		0.002	0.001	0.002	7.11	5.32	4.07	2.92	1.87	1.11
2.02	3.83	4.72	3.68	3.44	1.09	6.89	5.15	3.94	2.83	1.82	1.09	0.59	0.29	0.12	0.04	0.01		0.002	0	0.002	7.01	5.21	3.97	2.85	1.83	1.09
1.76	3.82	4.69	3.66	3.45	1.1	6.8	5.03	3.84	2.76	1.78	1.06	0.58	0.29	0.12	0.05	0.01		0.002	0	0.001	6.9	5.09	3.87	2.77	1.79	1.07
1.74	3.82	4.73	3.66	3.45	1.11	6.71	4.92	3.75	2.69	1.74	1.04	0.57	0.28	0.12	0.05	0.01		0.001	0	0.001	6.79	4.97	3.77	2.7	1.74	1.04
1.82	3.85	4.71	3.68	3.46	1.11	6.62	4.82	3.66	2.62	1.69	1.01	0.56	0.28	0.12	0.05	0.01		0.001	0	0	6.7	4.86	3.68	2.63	1.7	1.02
2.06	3.85	4.73	3.68	3.45	1.12	6.55	4.73	3.58	2.56	1.66	0.99	0.55	0.27	0.12	0.05	0.01		0	0	0	6.62	4.77	3.6	2.57	1.66	0.99
1.95	3.82	4.72	3.69	3.45	1.13	6.49	4.67	3.52	2.52	1.63	0.97	0.53	0.27	0.12	0.05	0.01	0.008	0.001	0.001	0	6.56	4.7	3.54	2.53	1.63	0.97
1.55	3.86	4.67	3.7	3.48	1.13	6.46	4.64	3.49	2.49	1.6	0.95	0.52	0.26	0.12	0.05	0.02	0.01	0.003	0.002	0	6.53	4.67	3.51	2.5	1.61	0.95
1.38	3.93																									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.64	3.84	4.71	3.71	3.4	1.04	7.07	5.33	4.06	2.89	1.8	0.96	0.43	0.17	0.06	0.02	0.01	0.009	0.006	0.001	-0.001	6.96	5.21	3.95	2.8	1.75	0.94
1.34	3.84	4.71	3.69	3.42	1.04	7.08	5.31	4.03	2.86	1.78	0.95	0.43	0.17	0.06	0.02	0.01	0.008	0.006	0	-0.002	6.97	5.17	3.91	2.78	1.73	0.93
1.07	3.85	4.7	3.69	3.44	1.04	7.09	5.27	3.99	2.83	1.75	0.94	0.42	0.16	0.06	0.01	0.01	0.006		0	-0.003	6.97	5.13	3.87	2.74	1.7	0.92
1.98	3.85	4.74	3.71	3.45	1.04	7.09	5.23	3.95	2.79	1.73	0.92	0.41	0.16	0.06	0.01	0.009	0.004		0.001	-0.003	6.95	5.08	3.82	2.7	1.68	0.9
2.05	3.83	4.73	3.69	3.45	1.04	7.08	5.18	3.9	2.75	1.7	0.91	0.4	0.16	0.05	0.01	0.008	0.004		0.001	-0.003	6.93	5.02	3.77	2.66	1.65	0.88
2.22	3.83	4.74	3.69	3.45	1.04	7.07	5.13	3.84	2.7	1.67	0.89	0.4	0.15	0.05	0.01	0.009	0.004		0.001	-0.004	6.9	4.96	3.71	2.61	1.61	0.86
2.3	3.84	4.73	3.68	3.43	1.05	7.05	5.07	3.79	2.66	1.63	0.87	0.39	0.15	0.06	0.02	0.01	0.005		0.001	-0.004	6.86	4.89	3.64	2.56	1.58	0.84
2.28	3.84	4.74	3.65	3.44	1.05	7.03	5.01	3.73	2.61	1.6	0.85	0.38	0.15	0.06	0.02	0.01	0.005		0.002	-0.004	6.82	4.82	3.58	2.5	1.54	0.82
2.02	3.84	4.72	3.68	3.46	1.05	7.01	4.95	3.67	2.55	1.56	0.83	0.37	0.15	0.06	0.02	0.01	0.005		0.002	-0.005	6.78	4.75	3.51	2.45	1.5	0.8
1.94	3.83	4.72	3.69	3.43	1.05	6.98	4.89	3.6	2.5	1.52	0.8	0.36	0.14	0.05	0.02	0.01	0.006		0.002	-0.005	6.73	4.67	3.44	2.39	1.46	0.78
1.43	3.81	4.74	3.7	3.42	1.05	6.94	4.83	3.54	2.44	1.48	0.78	0.35	0.14	0.05	0.02	0.01	0.006		0.002	-0.005	6.67	4.6	3.37	2.33	1.42	0.75
1.92	3.83	4.71	3.69	3.43	1.05	6.9	4.76	3.47	2.39	1.44	0.76	0.34	0.13	0.05	0.02	0.01	0.005		0.002	-0.005	6.61	4.53	3.3	2.28	1.38	0.73
2.04	3.84	4.72	3.66	3.45	1.06	6.85	4.7	3.41	2.33	1.39	0.73	0.33	0.13	0.05	0.02	0.01	0.005		0.002	-0.005	6.55	4.46	3.23	2.22	1.33	0.7
2.05	3.87	4.73	3.7	3.44	1.06	6.8	4.63	3.34	2.27	1.35	0.7	0.32	0.12	0.04	0.01	0.01	0.004		0.002	-0.005	6.48	4.38	3.16	2.16	1.29	0.68
1.65	3.83	4.74	3.71	3.43	1.07	6.73	4.57	3.27	2.22	1.3	0.68	0.3	0.12	0.04	0.01	0.01	0.003		0.002	-0.005	6.41	4.31	3.09	2.1	1.24	0.65
2.05	3.85	4.71	3.69	3.42	1.07	6.67	4.5	3.2	2.15	1.26	0.65	0.29	0.11	0.04	0.01	0.01	0.002		0.001	-0.005	6.33	4.24	3.02	2.04	1.2	0.62
1.84	3.84	4.74	3.69	3.43	1.08	6.6	4.43	3.14	2.09	1.21	0.62	0.28	0.11	0.03	0.01	0.009	0.001		0.001	-0.005	6.25	4.18	2.96	1.98	1.15	0.6
1.88	3.84	4.73	3.7	3.43	1.08	6.54	4.37	3.07	2.03	1.16	0.59	0.26	0.1	0.03	0.008		0.001		0.001	-0.004	6.18	4.11	2.89	1.92	1.1	0.57
1.71	3.84	4.74	3.69	3.45	1.08	6.48	4.32	3	1.96	1.11	0.56	0.25	0.1	0.03	0.008		0.001		0.001	-0.004	6.13	4.06	2.83	1.86	1.06	0.54
1.65	3.83	4.72	3.68	3.45	1.08	6.45	4.27	2.94	1.9	1.06	0.54	0.24	0.09	0.03	0.008		0.001		0.001	-0.004	6.08	4.01	2.77	1.79	1.01	0.52
2.43	3.96	4.74	3.74	3.62	1.09	6.42	4.22	2.88	1.83	1.01	0.51	0.23	0.09	0.03	0.009		0.001		0.001	-0.003	6.06	3.96	2.71	1.73	0.96	0.49
2.18	3.9	4.72	3.69	3.54	1.09	6.4	4.17	2.81	1.76	0.96	0.48	0.22	0.09	0.03	0.01				0	-0.003	6.04	3.92	2.64	1.67	0.92	0.47
1.77	3.85	4.72	3.7	3.44	1.09	6.39	4.12	2.73	1.69	0.91	0.46	0.21	0.09	0.03	0.01		0		0	-0.003	6.03	3.87	2.57	1.6	0.87	0.44
1.29	3.87	4.75	3.67	3.47	1.09	6.37	4.06	2.65	1.61	0.86	0.43	0.2	0.09	0.03	0.01	0.008	0	0		-0.002	6.02	3.81	2.5	1.53	0.82	0.42
1.9	3.84	4.76	3.69	3.45	1.09	6.34	3.97	2.55	1.53	0.81	0.41	0.19	0.08	0.03	0.01	0.008	0	0.001		-0.002	5.99	3.74	2.41	1.45	0.78	0.39
0.98	3.86	4.75	3.7	3.43	1.09	6.27	3.87	2.45	1.45	0.76	0.39	0.18	0.08	0.03	0.01	0.009	0.001	0.002	0.001	-0.001	5.94	3.64	2.31	1.38	0.73	0.37
1.87	3.86	4.75	3.71	3.41	1.09	6.18	3.74	2.33	1.36	0.71	0.36	0.18	0.08	0.03	0.01	0.01	0.001	0.002	0.001	-0.001	5.85	3.53	2.21	1.3	0.69	0.35
2.11	3.84	4.75	3.73	3.44	1.09	6.04	3.58	2.21	1.28	0.67	0.34	0.17	0.08	0.04	0.02	0.01	0.002	0.003	0.001	-0.001	5.73	3.39	2.1	1.22	0.64	0.33
1.89	3.85	4.75	3.73	3.44	1.09	5.86	3.41	2.08	1.2	0.63	0.32	0.16	0.08	0.04	0.02	0.01	0.004	0.003	0.001	-0.002	5.58	3.23	1.98	1.15	0.61	0.32
1.6	3.87	4.75	3.71	3.47	1.09	5.65	3.22	1.95	1.12	0.59	0.31	0.15	0.08	0.04	0.02	0.01	0.005	0.003	0.001	-0.003	5.39	3.06	1.86	1.08	0.57	0.3
1.85	3.85	4.73	3.73	3.43	1.09	5.41	3.02	1.82	1.05	0.56	0.29	0.15	0.07	0.04	0.02	0.01	0.006	0.003	0.001	-0.004	5.17	2.89	1.74	1.01	0.54	0.29
1.91	3.85	4.75	3.7	3.44	1.09	5.16	2.83	1.7	0.99	0.53	0.28	0.14	0.07	0.04	0.02	0.01	0.007	0.002	0	-0.006	4.95	2.71	1.63	0.96	0.52	0.28
1.81	3.86	4.77	3.72	3.45	1.09	4.9	2.65	1.59	0.94	0.51	0.27	0.14	0.07	0.04	0.02	0.01	0.008	0.002	0	-0.006	4.72	2.55	1.54	0.91	0.5	0.27
2.14	3.84	4.77	3.69	3.43	1.09	4.65	2.48	1.51	0.9	0.5	0.27	0.14	0.07	0.04	0.02	0.01	0.008	0.002	0	-0.006	4.5	2.4	1.46	0.88	0.49	0.26
2.21	3.85	4.76	3.71	3.44	1.09	4.42	2.34	1.44	0.88	0.49	0.26	0.14	0.07	0.04	0.02	0.01	0.009	0.002	0.001	-0.006	4.29	2.28	1.4	0.86	0.48	0.26
2.25	3.85	4.74	3.67	3.44	1.09	4.2	2.23	1.39	0.86	0.49	0.26	0.13	0.07	0.04	0.02	0.01	0.008	0.002	0.001	-0.006	4.1	2.17	1.36	0.85	0.48	0.26
1.96	3.84	4.76	3.7	3.45	1.09	4.01	2.14	1.36	0.86	0.49	0.26	0.13	0.07	0.04	0.02	0.01	0.008	0.002	0.001	-0.006	3.93	2.09	1.33	0.85	0.49	0.26
1.17	3.85	4.74	3.71	3.44	1.09	3.85	2.07	1.35	0.87	0.5	0.27	0.13	0.07	0.03	0.02	0.01	0.007	0.002	0.002	-0.006	3.78	2.04	1.33	0.86	0.49	0.26
1.73	3.84	4.74	3.74	3.43	1.09	3.71	2.03	1.35	0.88	0.51	0.27	0.13	0.07	0.03	0.02	0.01	0.006	0.002	0.002	-0.006	3.66	2.01	1.33	0.87	0.5	0.27
2.02	3.84	4.74	3.69	3.4	1.1	3.59	2.01	1.36	0.9	0.52	0.27	0.13	0.06	0.03	0.02	0.01	0.005	0.001	0.001	-0.007	3.56	1.99	1.35	0.89	0.51	0.27
1.42	3.84	4.75	3.74	3.48	1.1	3.51	2.01	1.38	0.92	0.53	0.27	0.13	0.06	0.03	0.01	0.01	0.004	0.001	0.001	-0.007	3.49	1.99	1.37	0.91	0.52	0.27
1.94	3.85	4.77	3.72	3.5	1.1	3.44	2.01	1.4	0.93	0.53	0.27	0.13	0.06	0.03	0.01	0.01	0.003	0	0.001	-0.007	3.44	2.01	1.4	0.93	0.53	0.27
2.02	3.86	4.78	3.69	3.48	1.1	3.4	2.02	1.42	0.95	0.54	0.27	0.13	0.06	0.03	0.01	0.009		0	0.001	-0.007	3.41	2.02	1.42	0.95	0.54	0.27
1.94	3.87	4.8	3.7	3.49	1.1	3.38	2.03	1.44	0.96	0.54	0.27	0.13	0.06	0.03	0.01	0.008		0	0.001	-0.006	3.4	2.04	1.44	0.96	0.54	0.27
1.73	3.85	4.78	3.7	3.46	1.1	3.38	2.04	1.45	0.96	0.54	0.27	0.12	0.06	0.03	0.01	0.009	0.003	0	0.002	-0.005	3.4	2.05	1.46	0.96	0.55	0.27
1.96	3.85	4.78	3.73	3.43	1.1	3.38	2.05	1.46	0.96	0.54	0.27	0.12	0.06	0.03	0.01	0.009	0.004	0.001	-0.004	3.41	2.06	1.46	0.97	0.55	0.27	
1.64	3.86	4.77	3.73	3.42	1.09	3.38	2.05	1.45	0.96	0.54	0.27	0.12	0.06	0.03	0.01	0.009	0.004	0.001	-0.003	3.42	2.07	1.46	0.96	0.54	0.27	
1.72	3.85	4.76	3.7	3.41	1.09	3.37	2.04	1.44	0.95	0.53	0.26	0.12	0.05	0.03	0.01	0.009	0.004	0.001	-0.002	3.42	2.06	1.46	0.96	0.54	0.26	
1.92	3.83	4.77	3.69	3.41	1.09	3.36	2.02	1.43	0.94	0.53	0.26	0.12	0.05	0.03	0.01	0.008	0.003	0.001	-0.002	3.41	2.05	1.45	0.95	0.53	0.26	
1.93	3.84	4.77	3.72	3.42	1.09	3.34	2	1.41	0.92	0.52	0.25	0.11	0.05	0.02	0.01	0.008	0.003	0.001								

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.02	3.81	4.68	3.71	3.42	1.06	8.78	8.18	7.62	7	6.11	4.93	3.54	2.23	1.23	0.59	0.24	0.08	0.01	0.005	0.005	8.23	7.6	7.03	6.43	5.58	4.49
1.96	3.82	4.72	3.74	3.42	1.06	8.73	8.13	7.57	6.95	6.06	4.88	3.5	2.19	1.21	0.59	0.25	0.08	0.01	0.006	0.004	8.21	7.57	7	6.4	5.54	4.45
1.95	3.83	4.68	3.73	3.41	1.05	8.67	8.07	7.51	6.89	6	4.82	3.45	2.16	1.2	0.59	0.25	0.09	0.02	0.008	0.004	8.17	7.53	6.96	6.35	5.49	4.4
1.84	3.85	4.7	3.73	3.42	1.05	8.59	7.98	7.43	6.82	5.93	4.76	3.4	2.14	1.19	0.58	0.25	0.09	0.02	0.01	0.004	8.09	7.45	6.89	6.29	5.44	4.35
2.16	3.82	4.7	3.72	3.39	1.04	8.49	7.89	7.35	6.74	5.85	4.7	3.36	2.11	1.18	0.58	0.25	0.09	0.02	0.01	0.003	8	7.37	6.82	6.22	5.37	4.3
2.12	3.82	4.69	3.7	3.4	1.03	8.39	7.8	7.26	6.66	5.78	4.64	3.31	2.08	1.17	0.58	0.25	0.09	0.02	0.01	0.002	7.9	7.28	6.74	6.14	5.31	4.25
1.85	3.81	4.69	3.67	3.39	1.02	8.31	7.72	7.19	6.59	5.72	4.58	3.27	2.06	1.16	0.58	0.25	0.09	0.02	0.01	0.001	7.83	7.21	6.68	6.08	5.25	4.2
0.55	3.79	4.7	3.7	3.42	1.01	8.25	7.67	7.14	6.54	5.67	4.54	3.24	2.04	1.15	0.57	0.25	0.09	0.02	0.01	0.001	7.77	7.16	6.63	6.04	5.21	4.16
1.95	3.79	4.67	3.73	3.39	1.01	8.23	7.65	7.12	6.51	5.64	4.51	3.21	2.03	1.14	0.57	0.25	0.09	0.02	0.01	0	7.75	7.14	6.62	6.02	5.19	4.14
2.04	3.8	4.69	3.66	3.39	1	8.23	7.66	7.13	6.5	5.62	4.49	3.19	2.01	1.14	0.57	0.24	0.08	0.02	0.01	0	7.76	7.16	6.63	6.02	5.18	4.12
2.14	3.81	4.73	3.69	3.4	1	8.25	7.68	7.14	6.51	5.62	4.47	3.18	2	1.13	0.56	0.24	0.08	0.02	0.01	-0.001	7.79	7.19	6.65	6.03	5.17	4.11
1.95	3.8	4.7	3.68	3.4	1	8.29	7.71	7.16	6.52	5.61	4.46	3.16	1.99	1.13	0.56	0.24	0.08	0.02	0.01	-0.001	7.83	7.22	6.67	6.04	5.17	4.1
2.11	3.82	4.71	3.72	3.4	1	8.31	7.73	7.18	6.52	5.6	4.44	3.15	1.99	1.12	0.56	0.24	0.08	0.02	0.01	-0.001	7.85	7.24	6.68	6.04	5.16	4.08
2.1	3.83	4.7	3.71	3.42	1	8.33	7.74	7.18	6.51	5.58	4.42	3.13	1.98	1.12	0.56	0.24	0.08	0.02	0.01	-0.001	7.87	7.24	6.68	6.03	5.14	4.06
1.91	3.83	4.69	3.7	3.43	1	8.34	7.73	7.17	6.5	5.56	4.4	3.12	1.98	1.12	0.57	0.24	0.08	0.02	0.01	-0.001	7.86	7.22	6.66	6.01	5.12	4.04
2	3.82	4.71	3.74	3.41	1	8.34	7.72	7.16	6.48	5.54	4.39	3.11	1.98	1.13	0.57	0.25	0.08	0.02	0.01	-0.001	7.84	7.19	6.63	5.98	5.09	4.02
1.91	3.81	4.68	3.71	3.4	1	8.35	7.71	7.15	6.47	5.54	4.39	3.12	1.98	1.13	0.57	0.25	0.08	0.02	0.01	-0.001	7.82	7.17	6.61	5.96	5.08	4.02
1.84	3.79	4.73	3.67	3.4	1.01	8.36	7.71	7.15	6.47	5.54	4.4	3.13	1.99	1.14	0.58	0.25	0.08	0.02	0.01	-0.001	7.82	7.15	6.6	5.95	5.08	4.03
1.66	3.78	4.71	3.68	3.38	1.01	8.39	7.74	7.17	6.5	5.58	4.44	3.16	2.02	1.15	0.58	0.25	0.08	0.02	0.009	0	7.83	7.16	6.61	5.97	5.1	4.05
1.51	3.82	4.72	3.7	3.4	1.02	8.44	7.78	7.22	6.55	5.63	4.49	3.21	2.04	1.16	0.58	0.25	0.08	0.02	0.008	0.001	7.86	7.19	6.65	6.01	5.15	4.1
1.84	3.81	4.71	3.7	3.38	1.03	8.49	7.84	7.28	6.62	5.7	4.57	3.27	2.08	1.17	0.58	0.25	0.08	0.02	0.008	0.002	7.92	7.25	6.7	6.07	5.22	4.17
2.17	3.83	4.68	3.68	3.44	1.04	8.55	7.9	7.34	6.69	5.79	4.65	3.34	2.12	1.19	0.58	0.25	0.08	0.02	0.007	0.003	7.97	7.32	6.77	6.15	5.3	4.25
2.22	3.81	4.71	3.7	3.43	1.05	8.59	7.95	7.4	6.76	5.87	4.73	3.4	2.15	1.2	0.58	0.24	0.08	0.02	0.007	0.005	8.02	7.38	6.83	6.22	5.38	4.33
1.74	3.84	4.68	3.71	3.42	1.06	8.62	8	7.44	6.82	5.94	4.8	3.47	2.19	1.21	0.58	0.24	0.08	0.02	0.007	0.006	8.06	7.43	6.88	6.28	5.46	4.41
1.65	3.81	4.7	3.73	3.45	1.07	8.63	8.02	7.47	6.86	6	4.87	3.52	2.22	1.22	0.58	0.24	0.08	0.02	0.006	0.008	8.09	7.47	6.93	6.34	5.52	4.48
1.69	3.85	4.73	3.72	3.45	1.08	8.63	8.02	7.48	6.89	6.04	4.92	3.57	2.25	1.22	0.57	0.23	0.08	0.02	0.006	0.008	8.11	7.48	6.95	6.38	5.57	4.53
1.94	3.83	4.71	3.72	3.43	1.09	8.62	8.01	7.48	6.9	6.07	4.95	3.6	2.27	1.23	0.57	0.23	0.08	0.02	0.005	0.009	8.11	7.49	6.96	6.4	5.61	4.58
1.4	3.84	4.72	3.7	3.43	1.09	8.6	7.99	7.46	6.89	6.08	4.98	3.62	2.28	1.23	0.57	0.23	0.08	0.02	0.006	0.01	8.1	7.48	6.96	6.41	5.63	4.61
1.5	3.83	4.7	3.7	3.41	1.09	8.56	7.95	7.43	6.88	6.07	4.98	3.63	2.29	1.23	0.57	0.23	0.08	0.02	0.006	0.01	8.08	7.46	6.95	6.41	5.64	4.62
1.87	3.83	4.69	3.71	3.4	1.1	8.51	7.9	7.39	6.84	6.05	4.97	3.62	2.28	1.23	0.57	0.23	0.08	0.02	0.007	0.01	8.05	7.42	6.92	6.39	5.63	4.62
1.68	3.83	4.72	3.73	3.4	1.1	8.45	7.83	7.33	6.79	6.01	4.93	3.6	2.26	1.22	0.57	0.23	0.08	0.02	0.007	0.01	8	7.37	6.88	6.35	5.6	4.59
1.37	3.82	4.7	3.7	3.41	1.09	8.38	7.75	7.26	6.73	5.95	4.89	3.56	2.24	1.21	0.56	0.23	0.09	0.02	0.008	0.01	7.94	7.3	6.82	6.3	5.56	4.56
1.97	3.83	4.71	3.7	3.44	1.09	8.3	7.67	7.18	6.65	5.88	4.83	3.51	2.2	1.19	0.56	0.23	0.09	0.02	0.009	0.01	7.88	7.23	6.76	6.24	5.5	4.51
1.52	3.83	4.68	3.75	3.44	1.09	8.21	7.58	7.1	6.57	5.8	4.76	3.45	2.16	1.17	0.55	0.23	0.09	0.03	0.01	0.01	7.8	7.15	6.68	6.17	5.43	4.44
1.67	3.82	4.7	3.7	3.41	1.09	8.14	7.5	7.02	6.49	5.72	4.68	3.38	2.11	1.14	0.54	0.23	0.09	0.03	0.01	0.01	7.73	7.08	6.61	6.1	5.36	4.37
1.8	3.83	4.71	3.74	3.46	1.09	8.07	7.44	6.95	6.42	5.64	4.59	3.31	2.06	1.11	0.54	0.23	0.09	0.03	0.01	0.01	7.67	7.02	6.54	6.03	5.29	4.3
2.09	3.82	4.72	3.72	3.44	1.08	8.04	7.39	6.9	6.36	5.57	4.52	3.24	2.01	1.09	0.53	0.23	0.09	0.03	0.01	0.009	7.63	6.98	6.5	5.97	5.22	4.23
2.04	3.82	4.71	3.72	3.4	1.08	8.02	7.37	6.86	6.31	5.51	4.44	3.16	1.95	1.06	0.53	0.24	0.1	0.03	0.01	0.009	7.61	6.96	6.46	5.92	5.16	4.15
2.27	3.8	4.7	3.69	3.41	1.08	8.03	7.37	6.84	6.27	5.45	4.37	3.09	1.9	1.04	0.52	0.24	0.1	0.03	0.01	0.008	7.61	6.95	6.44	5.88	5.1	4.09
2.06	3.8	4.72	3.72	3.38	1.07	8.05	7.37	6.83	6.24	5.4	4.3	3.03	1.86	1.02	0.52	0.24	0.1	0.03	0.01	0.007	7.63	6.95	6.42	5.85	5.05	4.02
1.98	3.81	4.69	3.7	3.43	1.07	8.07	7.39	6.83	6.22	5.35	4.25	2.97	1.82	1.01	0.52	0.24	0.1	0.03	0.01	0.006	7.64	6.96	6.41	5.82	5	3.96
1.66	3.84	4.7	3.7	3.4	1.07	8.09	7.4	6.82	6.19	5.31	4.19	2.92	1.79	1	0.52	0.24	0.1	0.03	0.01	0.006	7.65	6.96	6.39	5.79	4.95	3.91
1.91	3.82	4.72	3.72	3.39	1.07	8.1	7.4	6.81	6.16	5.27	4.14	2.88	1.76	0.99	0.52	0.25	0.1	0.03	0.01	0.005	7.64	6.95	6.37	5.75	4.9	3.85
2.07	3.84	4.72	3.72	3.41	1.07	8.1	7.39	6.79	6.14	5.23	4.1	2.84	1.75	0.99	0.53	0.25	0.1	0.03	0.01	0.004	7.63	6.92	6.34	5.71	4.86	3.8
1.65	3.82	4.7	3.71	3.42	1.06	8.09	7.39	6.78	6.11	5.19	4.06	2.81	1.73	0.99	0.53	0.26	0.11	0.03	0.01	0.003	7.6	6.9	6.31	5.67	4.82	3.76
0.98	3.82	4.72	3.7	3.41	1.06	8.09	7.38	6.77	6.09	5.17	4.03	2.8	1.73	0.99	0.53	0.26	0.11	0.03	0.01	0.003	7.57	6.86	6.28	5.64	4.78	3.73
1.73	3.83	4.73	3.69	3.42	1.06	8.1	7.37	6.76	6.08	5.16	4.02	2.79	1.73	1	0.54	0.26	0.11	0.03	0.01	0.002	7.55	6.84	6.25	5.61	4.75	3.7
1.48	3.81	4.74	3.71	3.41	1.06	8.1	7.37	6.76	6.08	5.15	4.02	2.79	1.74	1	0.54	0.26	0.1	0.03	0.01	0.002	7.53	6.81	6.23	5.59	4.73	3.69
1.86	3.81	4.73	3.68	3.39	1.06	8.11	7.38	6.77	6.09	5.16	4.02	2.8	1.75	1.02	0.54	0.26	0.1	0.03	0.01	0.002	7.51	6.8	6.22	5.58	4.72	3.68
2.05	3.83	4.69	3.67	3.4	1.07	8.12	7.38	6.78	6.09	5.16	4.03	2.82	1.77	1.03	0.55	0.26										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.02	3.84	4.69	3.68	3.41	1.05	8.28	7.52	6.9	6.21	5.28	4.18	3.01	1.97	1.2	0.66	0.32	0.13	0.04	0.01	0.002	7.53	6.79	6.21	5.58	4.74	3.76
2.16	3.85	4.72	3.7	3.41	1.06	8.32	7.53	6.9	6.2	5.27	4.17	3.01	1.99	1.21	0.67	0.32	0.13	0.04	0.01	0.002	7.54	6.79	6.21	5.56	4.73	3.75
2.22	3.85	4.72	3.7	3.43	1.07	8.35	7.55	6.91	6.2	5.27	4.17	3.02	2	1.22	0.67	0.32	0.13	0.04	0.01	0.002	7.56	6.8	6.21	5.56	4.72	3.74
1.52	3.84	4.73	3.69	3.42	1.08	8.38	7.57	6.93	6.21	5.27	4.18	3.04	2.02	1.24	0.68	0.32	0.13	0.03	0.01	0.001	7.59	6.81	6.21	5.56	4.72	3.75
1.44	3.83	4.71	3.71	3.42	1.09	8.4	7.59	6.94	6.22	5.27	4.19	3.05	2.04	1.25	0.68	0.32	0.12	0.03	0.01	0.001	7.61	6.83	6.22	5.56	4.72	3.76
1.59	3.83	4.67	3.73	3.44	1.1	8.42	7.6	6.95	6.23	5.29	4.2	3.07	2.06	1.26	0.69	0.32	0.12	0.03	0.008	0.001	7.62	6.84	6.24	5.58	4.73	3.77
2.07	3.83	4.71	3.7	3.44	1.11	8.43	7.62	6.97	6.24	5.3	4.22	3.1	2.08	1.27	0.69	0.32	0.12	0.03	0.007	0.001	7.64	6.86	6.26	5.59	4.75	3.79
1.84	3.8	4.7	3.72	3.43	1.11	8.43	7.63	6.98	6.26	5.32	4.24	3.12	2.1	1.28	0.69	0.31	0.12	0.03	0.006	0.002	7.66	6.89	6.28	5.62	4.77	3.81
1.87	3.81	4.72	3.71	3.4	1.12	8.43	7.64	6.99	6.27	5.33	4.25	3.13	2.11	1.29	0.69	0.31	0.11	0.03	0.005	0.002	7.67	6.91	6.3	5.64	4.79	3.83
1.62	3.83	4.71	3.71	3.4	1.12	8.43	7.65	7	6.27	5.33	4.26	3.14	2.11	1.29	0.69	0.31	0.11	0.03	0.004	0.002	7.7	6.95	6.33	5.66	4.81	3.85
1.81	3.84	4.72	3.7	3.42	1.12	8.42	7.65	6.99	6.26	5.32	4.25	3.13	2.11	1.29	0.69	0.31	0.11	0.03	0.004	0.002	7.73	6.98	6.35	5.67	4.82	3.85
1.77	3.83	4.69	3.7	3.44	1.12	8.41	7.64	6.96	6.23	5.29	4.22	3.11	2.1	1.28	0.69	0.3	0.11	0.03	0.005	0.002	7.76	6.99	6.36	5.67	4.81	3.84
2.13	3.78	4.71	3.71	3.45	1.12	8.39	7.6	6.91	6.17	5.23	4.17	3.08	2.08	1.27	0.68	0.3	0.11	0.03	0.005	0.001	7.79	7	6.35	5.65	4.78	3.81
2.26	3.82	4.7	3.73	3.44	1.11	8.34	7.53	6.83	6.08	5.14	4.1	3.02	2.05	1.26	0.68	0.31	0.11	0.03	0.006	0	7.79	6.98	6.3	5.59	4.72	3.76
2.17	3.82	4.68	3.72	3.43	1.11	8.28	7.43	6.72	5.96	5.02	4	2.95	2	1.24	0.67	0.3	0.11	0.03	0.007	-0.001	7.77	6.92	6.23	5.51	4.63	3.69
1.19	3.83	4.71	3.73	3.45	1.1	8.19	7.31	6.59	5.83	4.89	3.89	2.88	1.96	1.22	0.67	0.31	0.11	0.03	0.01	-0.001	7.72	6.84	6.14	5.41	4.53	3.6
1.79	3.83	4.65	3.74	3.46	1.09	8.08	7.18	6.46	5.68	4.76	3.78	2.8	1.92	1.2	0.67	0.32	0.12	0.04	0.01	0	7.65	6.74	6.03	5.29	4.42	3.51
1.99	3.83	4.69	3.73	3.42	1.07	7.97	7.05	6.32	5.54	4.63	3.67	2.72	1.88	1.19	0.67	0.33	0.13	0.04	0.01	0.002	7.57	6.64	5.92	5.18	4.32	3.42
1.75	3.82	4.71	3.68	3.43	1.06	7.86	6.94	6.2	5.43	4.52	3.59	2.66	1.84	1.17	0.67	0.34	0.14	0.05	0.02	0.004	7.48	6.55	5.83	5.08	4.23	3.35
1.73	3.82	4.71	3.69	3.42	1.04	7.77	6.85	6.11	5.34	4.45	3.53	2.62	1.81	1.16	0.67	0.34	0.15	0.06	0.02	0.005	7.41	6.48	5.75	5.01	4.17	3.3
1.87	3.81	4.71	3.7	3.41	1.03	7.71	6.8	6.07	5.31	4.42	3.51	2.6	1.8	1.15	0.67	0.34	0.15	0.06	0.02	0.005	7.36	6.44	5.72	4.99	4.15	3.29
2.16	3.81	4.71	3.69	3.41	1.01	7.68	6.79	6.07	5.32	4.44	3.52	2.61	1.79	1.14	0.66	0.34	0.15	0.06	0.02	0.004	7.34	6.45	5.74	5.01	4.17	3.31
2	3.81	4.72	3.71	3.4	1	7.69	6.82	6.12	5.38	4.51	3.58	2.64	1.8	1.13	0.65	0.33	0.15	0.05	0.02	0.004	7.36	6.48	5.79	5.07	4.24	3.36
1.99	3.82	4.72	3.71	3.43	0.99	7.72	6.88	6.2	5.48	4.62	3.67	2.69	1.82	1.13	0.64	0.32	0.14	0.05	0.02	0.004	7.41	6.55	5.88	5.18	4.35	3.45
1.98	3.81	4.71	3.7	3.4	0.99	7.77	6.95	6.3	5.61	4.75	3.79	2.77	1.85	1.13	0.63	0.31	0.13	0.04	0.01	0.003	7.47	6.63	5.99	5.3	4.48	3.57
2.03	3.82	4.69	3.7	3.39	0.98	7.81	7.03	6.41	5.74	4.9	3.92	2.86	1.89	1.14	0.62	0.3	0.12	0.04	0.01	0.002	7.52	6.71	6.09	5.43	4.62	3.69
1.83	3.81	4.68	3.7	3.42	0.98	7.84	7.09	6.5	5.86	5.04	4.05	2.95	1.94	1.15	0.61	0.29	0.12	0.03	0.01	0.003	7.56	6.78	6.19	5.56	4.77	3.82
2.03	3.82	4.71	3.71	3.55	0.98	7.84	7.13	6.58	5.97	5.16	4.17	3.04	1.99	1.16	0.61	0.28	0.11	0.03	0.009	0.003	7.56	6.82	6.27	5.66	4.88	3.94
1.69	3.79	4.71	3.68	3.47	0.97	7.83	7.15	6.63	6.05	5.27	4.28	3.12	2.03	1.18	0.6	0.27	0.1	0.02	0.008	0.003	7.54	6.85	6.32	5.75	4.99	4.04
1.97	3.82	4.7	3.69	3.4	0.97	7.8	7.16	6.66	6.1	5.35	4.36	3.19	2.07	1.19	0.6	0.26	0.1	0.02	0.007	0.004	7.51	6.85	6.35	5.8	5.06	4.12
1.65	3.79	4.71	3.65	3.39	0.98	7.77	7.16	6.67	6.14	5.4	4.42	3.25	2.11	1.2	0.6	0.26	0.09	0.02	0.008	0.005	7.47	6.85	6.36	5.83	5.12	4.18
1.9	3.82	4.71	3.68	3.4	0.98	7.75	7.16	6.68	6.16	5.43	4.46	3.29	2.14	1.22	0.6	0.26	0.09	0.02	0.007	0.005	7.45	6.84	6.37	5.86	5.15	4.22
1.93	3.78	4.72	3.69	3.39	0.98	7.74	7.15	6.68	6.17	5.45	4.49	3.32	2.16	1.22	0.6	0.25	0.09	0.02	0.006	0.005	7.44	6.84	6.37	5.87	5.17	4.24
1.92	3.82	4.71	3.67	3.39	0.99	7.74	7.16	6.69	6.18	5.46	4.5	3.33	2.18	1.23	0.6	0.25	0.08	0.02	0.006	0.004	7.44	6.85	6.38	5.88	5.18	4.26
2.42	3.82	4.69	3.71	3.39	1	7.76	7.17	6.7	6.19	5.47	4.51	3.34	2.19	1.23	0.6	0.25	0.08	0.02	0.005	0.004	7.46	6.87	6.39	5.89	5.2	4.27
2.23	3.79	4.69	3.7	3.4	1.01	7.78	7.19	6.71	6.2	5.47	4.51	3.35	2.19	1.24	0.6	0.25	0.08	0.02	0.006	0.004	7.5	6.89	6.42	5.91	5.21	4.28
2.26	3.77	4.67	3.68	3.42	1.02	7.81	7.21	6.73	6.21	5.48	4.51	3.35	2.19	1.24	0.59	0.25	0.08	0.02	0.006	0.004	7.54	6.92	6.44	5.93	5.22	4.29
1.8	3.82	4.69	3.69	3.4	1.03	7.84	7.23	6.74	6.22	5.48	4.51	3.35	2.19	1.24	0.59	0.24	0.08	0.02	0.006	0.004	7.57	6.95	6.47	5.95	5.23	4.3
1.62	3.81	4.7	3.71	3.4	1.03	7.86	7.24	6.75	6.23	5.48	4.51	3.34	2.18	1.23	0.59	0.24	0.08	0.02	0.006	0.004	7.61	6.98	6.49	5.97	5.24	4.3
2.42	3.94	4.72	3.85	3.59	1.04	7.88	7.26	6.77	6.24	5.48	4.5	3.33	2.17	1.22	0.58	0.24	0.08	0.02	0.007	0.004	7.65	7.01	6.52	5.99	5.25	4.31
2.37	3.93	4.71	3.83	3.59	1.05	7.91	7.28	6.78	6.24	5.49	4.5	3.32	2.16	1.21	0.58	0.24	0.08	0.02	0.007	0.004	7.69	7.04	6.54	6.01	5.26	4.31
1.51	3.83	4.7	3.68	3.4	1.05	7.93	7.29	6.79	6.25	5.49	4.49	3.31	2.14	1.2	0.58	0.23	0.08	0.02	0.008	0.005	7.72	7.06	6.56	6.02	5.27	4.31
1.76	3.83	4.7	3.71	3.41	1.06	7.95	7.3	6.79	6.25	5.48	4.48	3.29	2.13	1.19	0.57	0.23	0.08	0.02	0.008	0.005	7.75	7.08	6.57	6.03	5.28	4.31
1.95	3.83	4.68	3.72	3.42	1.06	7.96	7.3	6.79	6.25	5.48	4.47	3.28	2.11	1.18	0.57	0.23	0.08	0.02	0.008	0.005	7.77	7.09	6.58	6.04	5.28	4.3
1.59	3.8	4.69	3.72	3.4	1.06	7.96	7.3	6.79	6.24	5.46	4.46	3.26	2.1	1.17	0.56	0.23	0.08	0.02	0.008	0.006	7.78	7.1	6.58	6.03	5.27	4.29
1.66	3.79	4.71	3.71	3.39	1.06	7.96	7.3	6.78	6.23	5.45	4.44	3.24	2.08	1.17	0.56	0.23	0.08	0.02	0.008	0.006	7.78	7.1	6.58	6.02	5.25	4.27
1.78	3.81	4.7	3.71	3.42	1.07	7.95	7.29	6.77	6.21	5.43	4.42	3.22	2.06	1.16	0.56	0.23	0.08	0.02	0.009	0.006	7.77	7.09	6.57	6.01	5.24	4.25
1.89	3.8	4.71	3.68	3.39	1.07	7.93	7.28	6.76	6.2	5.41	4.39	3.2	2.05	1.15	0.56	0.23	0.09	0.03	0.01	0.007	7.75	7.07	6.55	5.99	5.21	4.23
1.61	3.79	4.67	3.7	3.42	1.06	7.91	7.26	6.75	6.18	5.39	4.37	3.18	2.04	1.15	0.56	0.23	0.09	0.03	0.01	0.007	7.71	7.04	6.53	5.96	5.18	4.2
1.81	3.81	4.68	3.71	3.41	1.06	7.89	7.2																			

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.81	3.81	4.72	3.69	3.39	0.98	7.69	6.73	6.02	5.26	4.31	3.29	2.27	1.42	0.82	0.43	0.21	0.09	0.02	0.009	0.003	7.11	6.17	5.49	4.79	3.92	2.99
1.34	3.79	4.7	3.69	3.4	0.99	7.73	6.76	6.04	5.27	4.32	3.29	2.27	1.42	0.82	0.42	0.2	0.09	0.02	0.009	0.004	7.16	6.21	5.53	4.81	3.94	3.01
2.19	3.83	4.7	3.7	3.43	0.99	7.77	6.79	6.06	5.28	4.33	3.3	2.28	1.42	0.81	0.42	0.2	0.08	0.03	0.009	0.004	7.23	6.26	5.56	4.84	3.96	3.03
1.96	3.81	4.74	3.72	3.43	1	7.81	6.81	6.07	5.29	4.34	3.31	2.28	1.43	0.81	0.42	0.2	0.08	0.03	0.01	0.004	7.29	6.3	5.6	4.86	3.99	3.05
1.88	3.82	4.73	3.69	3.41	1.01	7.83	6.83	6.08	5.29	4.34	3.31	2.29	1.43	0.81	0.42	0.2	0.08	0.03	0.01	0.004	7.34	6.35	5.63	4.89	4	3.06
1.71	3.82	4.7	3.72	3.4	1.02	7.85	6.84	6.09	5.29	4.34	3.32	2.29	1.43	0.81	0.42	0.2	0.08	0.03	0.01	0.005	7.38	6.38	5.66	4.91	4.02	3.08
1.69	3.8	4.72	3.72	3.43	1.03	7.85	6.85	6.09	5.29	4.34	3.32	2.3	1.44	0.81	0.42	0.2	0.09	0.03	0.01	0.005	7.41	6.41	5.69	4.93	4.04	3.09
1.93	3.83	4.7	3.7	3.41	1.04	7.83	6.84	6.08	5.28	4.33	3.32	2.3	1.44	0.82	0.42	0.21	0.09	0.03	0.01	0.005	7.42	6.43	5.7	4.94	4.05	3.11
2.01	3.82	4.69	3.68	3.42	1.05	7.81	6.82	6.07	5.27	4.32	3.32	2.31	1.45	0.82	0.43	0.21	0.09	0.04	0.01	0.006	7.42	6.44	5.71	4.95	4.06	3.12
2	3.83	4.71	3.7	3.41	1.05	7.77	6.79	6.04	5.25	4.31	3.32	2.31	1.45	0.83	0.43	0.21	0.1	0.04	0.02	0.007	7.41	6.44	5.71	4.95	4.06	3.13
2.19	3.84	4.7	3.7	3.41	1.06	7.73	6.75	6.01	5.23	4.3	3.32	2.32	1.46	0.83	0.43	0.21	0.1	0.04	0.02	0.009	7.39	6.42	5.7	4.94	4.07	3.14
1.94	3.83	4.71	3.73	3.41	1.07	7.68	6.71	5.97	5.2	4.29	3.32	2.33	1.46	0.84	0.44	0.22	0.1	0.04	0.02	0.009	7.37	6.4	5.68	4.94	4.07	3.15
1.09	3.85	4.7	3.73	3.44	1.07	7.64	6.66	5.93	5.18	4.28	3.32	2.33	1.47	0.84	0.44	0.22	0.1	0.05	0.02	0.01	7.34	6.37	5.66	4.93	4.07	3.15
2.19	3.85	4.67	3.73	3.47	1.08	7.59	6.61	5.9	5.15	4.27	3.32	2.34	1.48	0.85	0.45	0.22	0.11	0.05	0.02	0.01	7.31	6.34	5.63	4.92	4.07	3.16
2.31	3.84	4.7	3.71	3.52	1.08	7.55	6.57	5.86	5.13	4.27	3.32	2.34	1.49	0.85	0.45	0.22	0.11	0.05	0.03	0.01	7.28	6.31	5.62	4.91	4.07	3.17
1.87	3.84	4.71	3.74	3.43	1.08	7.52	6.54	5.84	5.13	4.27	3.33	2.35	1.49	0.86	0.45	0.23	0.11	0.05	0.03	0.01	7.27	6.29	5.61	4.91	4.08	3.19
1.61	3.8	4.7	3.71	3.43	1.09	7.5	6.52	5.83	5.13	4.28	3.34	2.36	1.5	0.86	0.46	0.23	0.11	0.05	0.03	0.01	7.27	6.29	5.61	4.92	4.1	3.2
1.88	3.79	4.7	3.72	3.43	1.09	7.5	6.52	5.83	5.14	4.29	3.36	2.38	1.51	0.87	0.46	0.23	0.11	0.05	0.03	0.01	7.29	6.31	5.63	4.95	4.13	3.23
2.08	3.81	4.68	3.72	3.43	1.09	7.51	6.53	5.85	5.16	4.32	3.38	2.4	1.53	0.88	0.46	0.23	0.11	0.05	0.03	0.01	7.31	6.33	5.65	4.98	4.16	3.26
2.03	3.82	4.71	3.73	3.43	1.09	7.52	6.55	5.87	5.18	4.35	3.41	2.43	1.55	0.89	0.47	0.23	0.11	0.05	0.03	0.01	7.35	6.36	5.69	5.02	4.2	3.3
1.95	3.83	4.71	3.7	3.43	1.09	7.53	6.56	5.89	5.22	4.39	3.45	2.46	1.58	0.91	0.48	0.24	0.12	0.05	0.03	0.01	7.37	6.4	5.73	5.06	4.25	3.34
1.73	3.8	4.71	3.69	3.42	1.09	7.52	6.58	5.91	5.25	4.43	3.5	2.51	1.61	0.93	0.49	0.24	0.12	0.05	0.03	0.01	7.4	6.44	5.77	5.11	4.31	3.4
1.59	3.8	4.72	3.69	3.41	1.09	7.51	6.59	5.94	5.29	4.48	3.56	2.56	1.65	0.95	0.5	0.24	0.12	0.05	0.02	0.01	7.41	6.46	5.81	5.16	4.37	3.47
1.61	3.82	4.69	3.72	3.41	1.08	7.48	6.58	5.95	5.32	4.53	3.62	2.62	1.7	0.98	0.51	0.24	0.12	0.05	0.02	0.01	7.4	6.48	5.85	5.22	4.43	3.54
2.13	3.81	4.69	3.74	3.41	1.08	7.44	6.57	5.96	5.36	4.59	3.69	2.69	1.75	1.01	0.52	0.25	0.11	0.04	0.02	0.01	7.38	6.5	5.88	5.27	4.5	3.61
1.99	3.8	4.66	3.72	3.42	1.08	7.38	6.55	5.97	5.38	4.64	3.76	2.76	1.79	1.03	0.53	0.25	0.11	0.04	0.02	0.01	7.35	6.5	5.9	5.31	4.57	3.69
1.5	3.8	4.69	3.68	3.42	1.07	7.33	6.53	5.97	5.41	4.69	3.83	2.82	1.85	1.06	0.54	0.25	0.11	0.04	0.01	0.009	7.31	6.49	5.92	5.35	4.63	3.77
1.81	3.82	4.69	3.69	3.4	1.07	7.26	6.5	5.96	5.42	4.73	3.89	2.89	1.89	1.09	0.55	0.25	0.11	0.04	0.01	0.009	7.27	6.48	5.93	5.38	4.69	3.84
1.61	3.81	4.71	3.69	3.38	1.06	7.21	6.46	5.94	5.43	4.76	3.93	2.94	1.94	1.12	0.56	0.26	0.11	0.04	0.01	0.008	7.24	6.46	5.93	5.41	4.73	3.9
1.59	3.82	4.7	3.7	3.39	1.06	7.15	6.42	5.92	5.42	4.78	3.96	2.98	1.97	1.14	0.58	0.26	0.11	0.04	0.01	0.009	7.2	6.44	5.93	5.42	4.76	3.94
1.95	3.82	4.68	3.71	3.39	1.05	7.1	6.37	5.89	5.4	4.77	3.98	3	2	1.17	0.59	0.27	0.11	0.04	0.01	0.009	7.17	6.41	5.91	5.41	4.77	3.97
1.95	3.82	4.72	3.69	3.39	1.05	7.05	6.32	5.85	5.37	4.75	3.97	3.01	2.02	1.19	0.61	0.28	0.11	0.04	0.01	0.009	7.15	6.38	5.89	5.4	4.77	3.98
2.06	3.81	4.71	3.71	3.39	1.05	7	6.27	5.8	5.32	4.72	3.95	3.01	2.03	1.21	0.63	0.29	0.12	0.04	0.01	0.009	7.12	6.35	5.86	5.37	4.75	3.96
2.12	3.81	4.7	3.68	3.37	1.04	6.95	6.21	5.74	5.27	4.67	3.92	3	2.04	1.23	0.65	0.3	0.12	0.04	0.01	0.009	7.09	6.32	5.82	5.34	4.72	3.94
1.74	3.81	4.7	3.71	3.37	1.04	6.9	6.17	5.69	5.22	4.62	3.88	2.98	2.05	1.25	0.67	0.31	0.13	0.04	0.01	0.008	7.06	6.28	5.79	5.3	4.68	3.92
1.79	3.81	4.7	3.71	3.39	1.04	6.85	6.12	5.64	5.17	4.58	3.84	2.96	2.05	1.27	0.69	0.32	0.13	0.04	0.01	0.007	7.03	6.26	5.76	5.26	4.65	3.89
1.49	3.81	4.71	3.71	3.4	1.04	6.81	6.09	5.6	5.13	4.53	3.8	2.94	2.05	1.29	0.71	0.33	0.13	0.04	0.01	0.006	7.02	6.24	5.73	5.23	4.62	3.86
1.52	3.82	4.7	3.69	3.41	1.04	6.79	6.06	5.57	5.09	4.5	3.77	2.92	2.06	1.3	0.72	0.34	0.13	0.04	0.01	0.005	7.01	6.23	5.72	5.21	4.6	3.84
2.11	3.81	4.7	3.7	3.41	1.04	6.77	6.04	5.55	5.07	4.47	3.75	2.91	2.06	1.32	0.74	0.35	0.13	0.04	0.01	0.002	7	6.23	5.71	5.2	4.59	3.83
1.63	3.8	4.67	3.71	3.42	1.04	6.76	6.02	5.53	5.05	4.46	3.74	2.91	2.07	1.33	0.75	0.35	0.13	0.04	0.01	-0.001	7.01	6.23	5.7	5.2	4.58	3.83
1.66	3.81	4.7	3.71	3.4	1.04	6.76	6.02	5.52	5.04	4.45	3.74	2.91	2.08	1.35	0.76	0.36	0.13	0.03	0.01	-0.001	7.02	6.23	5.71	5.2	4.58	3.84
1.71	3.82	4.7	3.7	3.39	1.04	6.76	6.01	5.52	5.04	4.45	3.74	2.92	2.1	1.36	0.77	0.36	0.13	0.03	0.01	0	7.03	6.23	5.71	5.21	4.59	3.85
1.77	3.81	4.7	3.68	3.39	1.04	6.77	6	5.51	5.04	4.45	3.75	2.93	2.11	1.37	0.78	0.37	0.13	0.03	0.009	0.001	7.04	6.23	5.71	5.21	4.6	3.86
1.4	3.79	4.69	3.71	3.37	1.04	6.77	6	5.51	5.04	4.45	3.75	2.94	2.13	1.39	0.79	0.37	0.13	0.03	0.008	0.002	7.05	6.23	5.71	5.21	4.6	3.86
1.79	3.78	4.72	3.7	3.42	1.04	6.77	5.99	5.5	5.03	4.44	3.75	2.95	2.14	1.4	0.8	0.37	0.13	0.03	0.007	0.003	7.05	6.23	5.7	5.21	4.6	3.87
2.19	3.8	4.72	3.7	3.39	1.04	6.76	5.98	5.48	5.01	4.43	3.74	2.95	2.14	1.4	0.8	0.38	0.13	0.03	0.007	0.003	7.05	6.22	5.69	5.2	4.59	3.86
2.13	3.81	4.73	3.68	3.4	1.05	6.75	5.97	5.46	4.99	4.41	3.73	2.94	2.15	1.41	0.81	0.38	0.14	0.03	0.007	0.004	7.05	6.21	5.68	5.18	4.57	3.85
2.39	3.82	4.72	3.69	3.39	1.05	6.74	5.95	5.44	4.96	4.38	3.7	2.93	2.15	1.42	0.81	0.38	0.14	0.03	0.007	0.003	7.04	6.2	5.66	5.16	4.54	3.84
1.86	3.83	4.71	3.69	3.4	1.06	6.72	5.92	5.4	4.92	4.34	3.67	2.92	2.15	1.42	0.82	0.39	0.14	0.04	0.008	0.003	7.04	6.19	5.64	5.13	4.51	3.81
1.58	3.82	4.72	3.71	3.42	1.06	6.7	5.9	5.37	4.88	4.3	3.64	2.9														

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.25	3.8	4.69	3.69	3.37	1.02	6.2	5.7	5.34	5.03	4.66	4.18	3.56	2.78	1.96	1.2	0.63	0.28	0.11	0.04	0.01	7.19	6.6	6.18	5.83	5.38	4.82
2.26	3.79	4.68	3.67	3.38	1.02	6.22	5.71	5.36	5.05	4.68	4.21	3.58	2.81	1.98	1.22	0.63	0.28	0.11	0.04	0.01	7.19	6.6	6.18	5.83	5.39	4.83
2.07	3.78	4.71	3.68	3.39	1.03	6.23	5.73	5.38	5.07	4.7	4.22	3.6	2.82	2	1.23	0.64	0.28	0.11	0.04	0.01	7.18	6.6	6.18	5.83	5.39	4.83
1.79	3.79	4.67	3.68	3.39	1.03	6.25	5.75	5.39	5.09	4.71	4.24	3.61	2.84	2.01	1.24	0.64	0.28	0.11	0.04	0.01	7.17	6.59	6.18	5.82	5.39	4.83
1.59	3.78	4.68	3.69	3.41	1.03	6.25	5.76	5.4	5.1	4.72	4.24	3.62	2.85	2.02	1.24	0.65	0.28	0.11	0.04	0.01	7.14	6.57	6.16	5.81	5.37	4.82
2.07	3.81	4.66	3.69	3.42	1.03	6.24	5.76	5.41	5.1	4.72	4.25	3.62	2.85	2.03	1.25	0.65	0.28	0.11	0.04	0.01	7.1	6.54	6.14	5.78	5.35	4.79
1.9	3.81	4.7	3.68	3.39	1.03	6.24	5.75	5.41	5.1	4.72	4.25	3.62	2.86	2.04	1.26	0.66	0.29	0.11	0.04	0.01	7.06	6.5	6.11	5.75	5.32	4.77
1.73	3.8	4.69	3.71	3.38	1.03	6.23	5.74	5.4	5.09	4.72	4.24	3.62	2.86	2.04	1.27	0.66	0.29	0.11	0.04	0.01	7.01	6.46	6.07	5.71	5.28	4.74
1.97	3.79	4.69	3.68	3.38	1.02	6.23	5.74	5.4	5.09	4.71	4.24	3.63	2.87	2.05	1.28	0.67	0.3	0.12	0.04	0.01	6.97	6.42	6.03	5.67	5.25	4.71
1.95	3.78	4.71	3.71	3.38	1.02	6.24	5.75	5.41	5.09	4.72	4.25	3.63	2.88	2.06	1.29	0.68	0.3	0.12	0.04	0.01	6.94	6.38	6	5.65	5.22	4.69
1.71	3.8	4.68	3.7	3.36	1.02	6.27	5.76	5.42	5.11	4.73	4.26	3.64	2.89	2.07	1.3	0.69	0.31	0.12	0.05	0.01	6.93	6.36	5.98	5.62	5.2	4.67
1.55	3.76	4.68	3.67	3.38	1.01	6.32	5.8	5.45	5.13	4.75	4.28	3.66	2.9	2.09	1.31	0.7	0.32	0.13	0.05	0.01	6.94	6.36	5.97	5.62	5.2	4.67
1.85	3.78	4.7	3.7	3.38	1.01	6.37	5.84	5.48	5.16	4.78	4.3	3.68	2.92	2.1	1.32	0.71	0.32	0.13	0.05	0.02	6.96	6.37	5.98	5.62	5.2	4.67
1.81	3.77	4.7	3.7	3.38	1	6.42	5.89	5.52	5.2	4.81	4.33	3.7	2.94	2.11	1.33	0.72	0.33	0.14	0.05	0.02	6.98	6.39	5.99	5.63	5.2	4.67
1.53	3.8	4.69	3.7	3.39	1	6.48	5.93	5.56	5.24	4.84	4.36	3.72	2.95	2.12	1.34	0.73	0.33	0.14	0.06	0.02	7	6.41	6	5.64	5.21	4.68
1.68	3.8	4.71	3.67	3.4	1	6.52	5.97	5.6	5.27	4.87	4.38	3.74	2.97	2.13	1.35	0.74	0.34	0.14	0.06	0.02	7.02	6.42	6.01	5.65	5.22	4.68
1.3	3.78	4.7	3.67	3.37	1	6.55	6.01	5.63	5.29	4.89	4.4	3.76	2.98	2.14	1.35	0.74	0.34	0.15	0.06	0.02	7.02	6.43	6.01	5.65	5.22	4.68
2.09	3.8	4.71	3.69	3.39	0.99	6.57	6.03	5.65	5.31	4.91	4.42	3.77	2.99	2.15	1.36	0.75	0.35	0.15	0.06	0.02	7.02	6.42	6.01	5.64	5.21	4.68
2.17	3.81	4.72	3.71	3.4	0.99	6.58	6.04	5.66	5.32	4.92	4.43	3.78	2.99	2.15	1.37	0.75	0.35	0.15	0.06	0.02	7	6.41	6	5.64	5.2	4.67
1.79	3.82	4.69	3.69	3.37	0.99	6.58	6.04	5.66	5.33	4.93	4.43	3.78	3	2.16	1.37	0.75	0.35	0.15	0.06	0.02	6.98	6.39	5.98	5.62	5.19	4.66
2.07	3.8	4.66	3.69	3.39	0.98	6.58	6.04	5.66	5.33	4.93	4.44	3.79	3.01	2.17	1.37	0.75	0.35	0.15	0.06	0.02	6.95	6.37	5.96	5.61	5.18	4.65
1.82	3.79	4.69	3.69	3.37	0.98	6.56	6.04	5.66	5.33	4.94	4.44	3.79	3.01	2.17	1.38	0.75	0.35	0.14	0.05	0.02	6.92	6.35	5.95	5.59	5.17	4.64
1.24	3.8	4.71	3.7	3.36	0.98	6.55	6.04	5.66	5.33	4.94	4.45	3.8	3.02	2.18	1.39	0.76	0.35	0.14	0.05	0.02	6.89	6.33	5.93	5.58	5.16	4.64
1.67	3.8	4.7	3.67	3.41	0.98	6.55	6.04	5.67	5.34	4.94	4.45	3.81	3.03	2.19	1.39	0.76	0.35	0.14	0.05	0.02	6.87	6.32	5.92	5.57	5.15	4.63
1.89	3.79	4.67	3.63	3.37	0.98	6.56	6.04	5.67	5.35	4.95	4.46	3.82	3.04	2.2	1.4	0.77	0.35	0.14	0.05	0.02	6.87	6.32	5.92	5.58	5.15	4.64
1.82	3.8	4.69	3.68	3.38	0.97	6.57	6.05	5.68	5.36	4.96	4.47	3.84	3.06	2.22	1.41	0.77	0.36	0.14	0.05	0.02	6.87	6.32	5.92	5.58	5.16	4.64
2.02	3.8	4.71	3.68	3.38	0.97	6.59	6.06	5.69	5.37	4.98	4.49	3.85	3.07	2.23	1.43	0.78	0.36	0.14	0.05	0.02	6.89	6.32	5.93	5.59	5.17	4.65
2.05	3.78	4.69	3.69	3.39	0.97	6.62	6.08	5.71	5.39	4.99	4.5	3.87	3.09	2.25	1.44	0.79	0.36	0.14	0.05	0.02	6.92	6.33	5.94	5.6	5.18	4.66
2.05	3.78	4.7	3.68	3.39	0.97	6.65	6.09	5.72	5.4	5.01	4.52	3.89	3.11	2.27	1.46	0.8	0.37	0.14	0.05	0.02	6.94	6.34	5.95	5.61	5.19	4.68
2.15	3.79	4.7	3.7	3.4	0.97	6.68	6.1	5.74	5.41	5.02	4.53	3.91	3.13	2.29	1.47	0.8	0.37	0.14	0.05	0.01	6.97	6.35	5.96	5.62	5.2	4.69
2.08	3.78	4.68	3.68	3.37	0.97	6.7	6.12	5.75	5.43	5.03	4.55	3.92	3.15	2.31	1.49	0.81	0.37	0.14	0.05	0.01	6.99	6.36	5.97	5.63	5.21	4.7
1.68	3.78	4.7	3.69	3.35	0.98	6.72	6.14	5.77	5.44	5.05	4.57	3.94	3.17	2.33	1.5	0.82	0.38	0.14	0.05	0.01	7.01	6.38	5.98	5.64	5.22	4.72
2.11	3.78	4.7	3.68	3.37	0.98	6.74	6.15	5.78	5.45	5.06	4.58	3.96	3.19	2.34	1.51	0.83	0.38	0.14	0.05	0.01	7.02	6.39	6	5.65	5.23	4.73
1.99	3.79	4.72	3.64	3.4	0.98	6.75	6.16	5.8	5.47	5.08	4.6	3.97	3.21	2.36	1.52	0.83	0.38	0.14	0.04	0.01	7.03	6.4	6.01	5.66	5.24	4.74
2.1	3.8	4.7	3.66	3.38	0.98	6.77	6.18	5.82	5.48	5.09	4.61	3.99	3.22	2.37	1.53	0.84	0.38	0.14	0.04	0.01	7.04	6.41	6.03	5.67	5.26	4.76
1.89	3.8	4.68	3.67	3.39	0.98	6.78	6.19	5.83	5.5	5.1	4.63	4	3.23	2.38	1.54	0.85	0.38	0.14	0.04	0.01	7.05	6.43	6.04	5.69	5.27	4.77
1.85	3.8	4.7	3.67	3.37	0.99	6.79	6.21	5.85	5.51	5.12	4.64	4.02	3.25	2.39	1.55	0.85	0.38	0.13	0.04	0.008	7.06	6.44	6.06	5.7	5.29	4.79
1.51	3.81	4.67	3.71	3.39	0.99	6.8	6.22	5.86	5.53	5.13	4.65	4.03	3.26	2.4	1.56	0.85	0.38	0.13	0.04	0.006	7.07	6.45	6.08	5.72	5.3	4.8
1.62	3.8	4.67	3.69	3.41	0.99	6.8	6.23	5.88	5.54	5.15	4.67	4.04	3.27	2.41	1.56	0.86	0.38	0.13	0.03	0.005	7.08	6.47	6.09	5.74	5.32	4.82
1.9	3.79	4.65	3.68	3.4	1	6.8	6.25	5.89	5.55	5.16	4.68	4.05	3.27	2.42	1.57	0.86	0.38	0.13	0.03	0.003	7.08	6.49	6.11	5.75	5.33	4.83
2.09	3.78	4.67	3.67	3.39	1	6.81	6.26	5.9	5.57	5.17	4.69	4.06	3.28	2.42	1.57	0.86	0.38	0.13	0.03	0.003	7.08	6.5	6.11	5.76	5.35	4.84
2.01	3.81	4.69	3.69	3.4	1.01	6.81	6.27	5.9	5.58	5.18	4.7	4.06	3.28	2.43	1.58	0.87	0.39	0.13	0.03	0.003	7.08	6.5	6.12	5.77	5.35	4.85
2.08	3.8	4.67	3.68	3.37	1.01	6.81	6.28	5.91	5.58	5.19	4.7	4.07	3.29	2.43	1.58	0.87	0.39	0.13	0.03	0.004	7.08	6.51	6.13	5.78	5.36	4.86
2.01	3.8	4.68	3.7	3.39	1.02	6.82	6.28	5.92	5.59	5.2	4.71	4.08	3.29	2.43	1.59	0.88	0.39	0.14	0.04	0.005	7.08	6.51	6.13	5.79	5.37	4.86
2.1	3.8	4.72	3.69	3.39	1.02	6.83	6.29	5.92	5.6	5.2	4.72	4.08	3.3	2.44	1.59	0.88	0.4	0.14	0.04	0.006	7.09	6.51	6.13	5.79	5.37	4.87
2.25	3.81	4.69	3.69	3.41	1.03	6.84	6.29	5.93	5.6	5.21	4.72	4.09	3.3	2.44	1.59	0.88	0.4	0.14	0.04	0.006	7.09	6.52	6.13	5.79	5.38	4.87
2.13	3.8	4.7	3.69	3.38	1.03	6.85	6.29	5.93	5.61	5.21	4.73	4.09	3.3	2.44	1.59	0.89	0.4	0.14	0.04	0.007	7.1	6.51	6.14	5.8	5.38	4.88
2.13	3.81	4.71	3.73	3.4	1.04	6.86	6.29	5.93	5.61	5.22	4.73	4.09	3.31	2.44	1.59	0.89	0.4	0.14	0.04	0.007	7.11	6.51	6.14	5.8	5.39	4.88
2.2	3.79	4.7	3.71	3.39	1.05	6.86	6.29	5.94	5.62	5.22	4.74	4.09	3.31	2.44	1.59	0.89	0.4	0.14	0.04	0.006	7.12	6.52	6.15	5.81	5.4	4.89
1.93	3.79	4.71	3.7	3.38	1.06	6.87	6.29	5.94	5.62	5.23	4.74	4.1	3.31	2.44	1.59	0.88	0.4	0.14	0							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.94	3.76	4.69	3.67	3.34	0.98	6.58	6.05	5.72	5.43	5.05	4.59	4	3.27	2.47	1.66	0.96	0.47	0.19	0.06	0.01	6.81	6.25	5.9	5.59	5.2	4.72
1.77	3.79	4.69	3.7	3.39	0.99	6.6	6.07	5.74	5.45	5.07	4.61	4.01	3.29	2.48	1.68	0.97	0.47	0.19	0.06	0.01	6.81	6.26	5.91	5.6	5.2	4.72
1.85	3.8	4.68	3.7	3.4	1	6.62	6.1	5.76	5.46	5.09	4.62	4.03	3.31	2.5	1.69	0.98	0.48	0.19	0.06	0.01	6.82	6.27	5.91	5.6	5.21	4.73
2.12	3.8	4.71	3.7	3.42	1.01	6.63	6.11	5.77	5.48	5.1	4.63	4.04	3.32	2.52	1.71	0.99	0.48	0.19	0.06	0.009	6.82	6.27	5.92	5.61	5.21	4.74
1.65	3.81	4.7	3.73	3.43	1.02	6.63	6.11	5.78	5.48	5.1	4.64	4.05	3.34	2.54	1.72	1.01	0.49	0.19	0.06	0.009	6.82	6.27	5.92	5.61	5.21	4.74
1.76	3.8	4.69	3.7	3.43	1.03	6.63	6.1	5.77	5.47	5.09	4.64	4.05	3.35	2.55	1.74	1.02	0.5	0.2	0.06	0.009	6.81	6.26	5.91	5.6	5.21	4.74
2.07	3.82	4.69	3.68	3.44	1.04	6.62	6.08	5.76	5.46	5.09	4.63	4.06	3.36	2.57	1.76	1.04	0.51	0.2	0.06	0.009	6.8	6.24	5.9	5.59	5.2	4.73
1.54	3.83	4.7	3.69	3.4	1.04	6.61	6.07	5.74	5.44	5.07	4.63	4.06	3.37	2.59	1.78	1.05	0.52	0.2	0.06	0.009	6.8	6.22	5.88	5.57	5.19	4.73
1.83	3.79	4.7	3.69	3.41	1.05	6.61	6.05	5.73	5.43	5.06	4.62	4.06	3.38	2.6	1.8	1.07	0.53	0.21	0.07	0.009	6.79	6.21	5.87	5.56	5.18	4.72
1.68	3.8	4.72	3.69	3.41	1.05	6.6	6.04	5.72	5.42	5.05	4.62	4.06	3.39	2.62	1.81	1.08	0.54	0.21	0.07	0.01	6.79	6.2	5.87	5.55	5.17	4.72
1.81	3.8	4.71	3.68	3.39	1.06	6.6	6.04	5.72	5.42	5.05	4.62	4.07	3.41	2.64	1.83	1.1	0.55	0.22	0.07	0.01	6.79	6.2	5.87	5.55	5.17	4.72
2.06	3.79	4.7	3.69	3.36	1.06	6.6	6.04	5.72	5.42	5.05	4.62	4.07	3.42	2.65	1.85	1.11	0.55	0.22	0.07	0.01	6.8	6.21	5.87	5.56	5.18	4.73
1.68	3.79	4.7	3.7	3.44	1.06	6.6	6.04	5.72	5.41	5.05	4.62	4.08	3.43	2.67	1.87	1.13	0.56	0.23	0.07	0.01	6.8	6.21	5.88	5.56	5.18	4.73
1.86	3.84	4.7	3.73	3.45	1.06	6.59	6.03	5.71	5.41	5.04	4.61	4.08	3.43	2.68	1.88	1.14	0.57	0.23	0.07	0.01	6.8	6.22	5.88	5.56	5.18	4.73
1.92	3.8	4.69	3.72	3.44	1.06	6.56	6.02	5.7	5.4	5.03	4.6	4.08	3.43	2.69	1.9	1.16	0.58	0.24	0.08	0.01	6.79	6.21	5.88	5.56	5.18	4.73
1.9	3.81	4.7	3.71	3.41	1.06	6.54	5.99	5.68	5.38	5.02	4.59	4.07	3.44	2.7	1.91	1.17	0.6	0.24	0.08	0.01	6.77	6.2	5.87	5.55	5.17	4.73
1.35	3.81	4.72	3.72	3.4	1.07	6.5	5.96	5.65	5.35	5	4.57	4.06	3.44	2.71	1.93	1.19	0.61	0.25	0.08	0.01	6.75	6.18	5.85	5.54	5.16	4.72
2.42	3.82	4.69	3.71	3.42	1.07	6.46	5.93	5.62	5.32	4.97	4.56	4.05	3.43	2.72	1.95	1.21	0.62	0.26	0.08	0.01	6.73	6.16	5.83	5.52	5.16	4.72
2.04	3.83	4.7	3.69	3.41	1.07	6.43	5.9	5.59	5.3	4.96	4.54	4.04	3.44	2.73	1.96	1.23	0.64	0.26	0.09	0.01	6.72	6.15	5.83	5.52	5.15	4.72
1.74	3.8	4.71	3.67	3.4	1.07	6.4	5.88	5.57	5.28	4.94	4.53	4.04	3.44	2.75	1.99	1.25	0.65	0.27	0.09	0.02	6.71	6.15	5.83	5.52	5.16	4.73
1.74	3.77	4.71	3.67	3.4	1.07	6.39	5.87	5.56	5.27	4.94	4.53	4.04	3.45	2.76	2.01	1.27	0.67	0.28	0.09	0.02	6.72	6.17	5.84	5.53	5.17	4.74
1.62	3.81	4.69	3.71	3.4	1.07	6.38	5.86	5.56	5.27	4.93	4.53	4.04	3.46	2.78	2.03	1.3	0.68	0.29	0.1	0.02	6.75	6.19	5.86	5.55	5.19	4.76
2.07	3.8	4.7	3.68	3.39	1.07	6.38	5.87	5.56	5.27	4.93	4.53	4.05	3.47	2.8	2.05	1.32	0.7	0.3	0.1	0.02	6.78	6.23	5.9	5.58	5.22	4.79
2.08	3.78	4.69	3.7	3.41	1.07	6.39	5.87	5.57	5.27	4.94	4.53	4.05	3.48	2.81	2.08	1.34	0.72	0.31	0.1	0.03	6.83	6.26	5.93	5.61	5.25	4.81
2.1	3.81	4.7	3.66	3.41	1.07	6.4	5.88	5.57	5.28	4.93	4.53	4.05	3.49	2.83	2.1	1.36	0.73	0.32	0.11	0.03	6.87	6.3	5.96	5.64	5.27	4.84
1.83	3.82	4.71	3.69	3.44	1.06	6.4	5.87	5.56	5.27	4.93	4.53	4.05	3.5	2.85	2.12	1.39	0.75	0.33	0.11	0.03	6.91	6.33	5.99	5.67	5.3	4.86
1.79	3.84	4.7	3.71	3.44	1.06	6.4	5.86	5.55	5.26	4.92	4.52	4.05	3.5	2.86	2.14	1.41	0.77	0.34	0.12	0.03	6.95	6.35	6.01	5.69	5.31	4.88
1.75	3.81	4.69	3.74	3.41	1.06	6.39	5.85	5.54	5.25	4.91	4.51	4.05	3.51	2.88	2.16	1.43	0.78	0.34	0.12	0.03	6.97	6.36	6.02	5.7	5.32	4.89
0.94	3.78	4.7	3.7	3.39	1.05	6.37	5.83	5.52	5.23	4.89	4.5	4.04	3.51	2.89	2.18	1.45	0.8	0.35	0.13	0.04	6.97	6.37	6.02	5.7	5.33	4.89
2.01	3.8	4.7	3.7	3.41	1.05	6.35	5.8	5.49	5.21	4.87	4.49	4.03	3.51	2.89	2.2	1.46	0.81	0.36	0.13	0.04	6.96	6.36	6.02	5.7	5.32	4.89
2.3	3.82	4.7	3.7	3.4	1.04	6.32	5.78	5.47	5.19	4.86	4.47	4.03	3.51	2.9	2.21	1.48	0.83	0.37	0.14	0.04	6.95	6.35	6.01	5.7	5.32	4.89
2.21	3.81	4.69	3.71	3.38	1.04	6.29	5.76	5.45	5.18	4.84	4.46	4.02	3.51	2.91	2.22	1.49	0.84	0.38	0.14	0.04	6.94	6.34	6	5.69	5.32	4.89
1.87	3.8	4.71	3.7	3.39	1.03	6.26	5.74	5.43	5.16	4.83	4.45	4.02	3.51	2.92	2.23	1.51	0.86	0.39	0.14	0.04	6.93	6.34	6	5.69	5.32	4.89
1.58	3.81	4.72	3.7	3.38	1.03	6.24	5.72	5.41	5.15	4.82	4.44	4.01	3.51	2.92	2.24	1.52	0.87	0.4	0.15	0.04	6.92	6.33	5.99	5.68	5.31	4.89
1.44	3.82	4.69	3.68	3.38	1.03	6.22	5.7	5.4	5.13	4.81	4.44	4.01	3.51	2.92	2.25	1.53	0.88	0.41	0.15	0.04	6.91	6.33	5.99	5.68	5.31	4.9
1.68	3.78	4.68	3.7	3.39	1.02	6.2	5.69	5.39	5.12	4.8	4.43	4.01	3.51	2.93	2.25	1.54	0.89	0.41	0.16	0.05	6.91	6.32	5.98	5.68	5.32	4.9
1.49	3.76	4.71	3.69	3.4	1.02	6.18	5.67	5.37	5.11	4.79	4.43	4	3.51	2.93	2.26	1.54	0.89	0.42	0.16	0.05	6.9	6.32	5.98	5.68	5.32	4.9
1.34	3.78	4.68	3.71	3.4	1.02	6.17	5.66	5.37	5.1	4.78	4.42	4	3.51	2.93	2.26	1.55	0.9	0.42	0.16	0.05	6.9	6.32	5.98	5.68	5.32	4.91
1.62	3.78	4.7	3.69	3.42	1.02	6.16	5.65	5.36	5.1	4.78	4.42	4	3.51	2.94	2.27	1.56	0.91	0.43	0.16	0.05	6.89	6.32	5.98	5.68	5.32	4.91
1.88	3.78	4.69	3.69	3.39	1.02	6.15	5.65	5.36	5.1	4.78	4.42	4	3.51	2.94	2.27	1.56	0.91	0.43	0.17	0.05	6.89	6.32	5.99	5.69	5.33	4.92
1.49	3.77	4.7	3.69	3.39	1.02	6.14	5.64	5.35	5.09	4.78	4.42	4	3.52	2.94	2.28	1.57	0.92	0.44	0.17	0.05	6.89	6.32	5.99	5.69	5.33	4.92
1.68	3.77	4.71	3.65	3.39	1.01	6.13	5.64	5.35	5.09	4.78	4.42	4.01	3.52	2.95	2.28	1.57	0.92	0.44	0.17	0.05	6.89	6.33	6	5.69	5.34	4.93
2.08	3.82	4.72	3.66	3.4	1.01	6.13	5.64	5.35	5.09	4.77	4.42	4.01	3.52	2.95	2.29	1.58	0.93	0.45	0.17	0.05	6.89	6.33	6	5.69	5.34	4.93
1.98	3.8	4.71	3.69	3.41	1.01	6.13	5.63	5.35	5.08	4.77	4.42	4.01	3.53	2.96	2.29	1.58	0.93	0.45	0.17	0.05	6.89	6.32	5.99	5.69	5.33	4.93
2.11	3.78	4.68	3.68	3.42	1	6.12	5.62	5.34	5.08	4.77	4.41	4.01	3.53	2.96	2.29	1.58	0.93	0.45	0.18	0.05	6.88	6.31	5.98	5.68	5.33	4.92
2.25	3.81	4.69	3.73	3.49	1	6.11	5.61	5.32	5.07	4.76	4.41	4	3.53	2.96	2.3	1.59	0.94	0.46	0.18	0.05	6.86	6.29	5.96	5.66	5.31	4.91
2.03	3.81	4.7	3.68	3.44	1	6.09	5.59	5.31	5.05	4.74	4.4	4	3.53	2.97	2.3	1.59	0.94	0.46	0.18	0.05	6.83	6.27	5.94	5.64	5.29	4.89
1.69	3.8	4.72	3.64	3.37	1	6.07	5.58	5.29	5.04	4.73	4.39	3.99	3.53	2.97	2.31	1.6	0.95	0.46	0.18	0.05	6.8	6.24	5.91	5.62	5.27	4.88
2.08	3.79	4.71	3.71	3.38	0.99	6.05	5.56	5.28	5.02	4.72	4.38	3.99	3.53	2.97	2.31	1.61	0.96	0.47	0.19	0.05	6.77	6.21	5.88	5.59	5.25	4.86
1.85	3.8	4.66	3.68	3.39	0.99	6.04	5.55	5.27	5.02	4.72	4.38	3.99	3.53	2.97	2.32	1.61	0.96	0.47	0.19	0.05	6.74					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.09	3.8	4.7	3.71	3.39	1.06	6.38	5.85	5.55	5.29	4.97	4.61	4.21	3.75	3.2	2.54	1.81	1.12	0.57	0.24	0.06	6.59	6.03	5.72	5.44	5.11	4.74
2.02	3.8	4.68	3.69	3.42	1.06	6.43	5.87	5.57	5.31	4.98	4.63	4.22	3.75	3.2	2.54	1.81	1.12	0.57	0.24	0.06	6.59	6.02	5.7	5.42	5.09	4.72
2	3.79	4.69	3.7	3.39	1.06	6.47	5.9	5.6	5.33	5	4.64	4.23	3.76	3.2	2.54	1.81	1.12	0.57	0.24	0.06	6.59	6	5.69	5.41	5.08	4.71
2.1	3.82	4.69	3.71	3.39	1.06	6.5	5.92	5.62	5.34	5.02	4.65	4.24	3.77	3.21	2.55	1.81	1.12	0.57	0.24	0.06	6.58	5.98	5.67	5.39	5.06	4.69
2.29	3.81	4.72	3.71	3.4	1.07	6.53	5.95	5.64	5.36	5.03	4.67	4.25	3.78	3.22	2.55	1.82	1.12	0.58	0.24	0.07	6.56	5.96	5.65	5.37	5.04	4.67
2.2	3.82	4.71	3.71	3.43	1.07	6.55	5.96	5.65	5.38	5.04	4.68	4.26	3.78	3.22	2.55	1.82	1.12	0.58	0.24	0.07	6.53	5.93	5.62	5.34	5.01	4.64
1.93	3.78	4.7	3.7	3.42	1.07	6.56	5.97	5.66	5.38	5.05	4.68	4.27	3.79	3.23	2.56	1.82	1.13	0.58	0.25	0.07	6.49	5.89	5.58	5.3	4.98	4.61
1.79	3.8	4.72	3.71	3.42	1.07	6.56	5.97	5.66	5.38	5.05	4.69	4.27	3.79	3.23	2.56	1.83	1.13	0.59	0.25	0.07	6.43	5.84	5.53	5.26	4.94	4.58
1.59	3.78	4.71	3.69	3.4	1.07	6.55	5.97	5.65	5.38	5.05	4.69	4.27	3.79	3.23	2.57	1.83	1.13	0.59	0.25	0.07	6.37	5.79	5.48	5.21	4.9	4.54
1.89	3.82	4.7	3.66	3.39	1.07	6.53	5.96	5.64	5.37	5.05	4.68	4.27	3.8	3.23	2.57	1.84	1.14	0.59	0.25	0.07	6.3	5.74	5.43	5.16	4.85	4.5
1.85	3.78	4.69	3.71	3.39	1.06	6.52	5.95	5.63	5.37	5.04	4.68	4.27	3.8	3.24	2.57	1.84	1.14	0.6	0.25	0.07	6.23	5.68	5.37	5.11	4.8	4.46
1.78	3.78	4.69	3.69	3.39	1.06	6.49	5.94	5.62	5.36	5.04	4.67	4.26	3.79	3.24	2.58	1.85	1.14	0.6	0.25	0.07	6.16	5.62	5.32	5.07	4.76	4.42
1.7	3.8	4.69	3.69	3.38	1.06	6.47	5.93	5.61	5.35	5.03	4.67	4.26	3.79	3.24	2.58	1.85	1.15	0.6	0.26	0.07	6.1	5.57	5.27	5.02	4.72	4.38
1.96	3.79	4.68	3.67	3.36	1.06	6.45	5.91	5.6	5.34	5.02	4.66	4.25	3.79	3.24	2.58	1.85	1.15	0.6	0.26	0.07	6.03	5.53	5.23	4.98	4.68	4.35
1.47	3.8	4.71	3.68	3.4	1.05	6.42	5.9	5.59	5.33	5.01	4.65	4.25	3.79	3.23	2.58	1.86	1.15	0.61	0.26	0.07	5.97	5.48	5.18	4.94	4.64	4.31
1.83	3.8	4.72	3.7	3.41	1.05	6.4	5.88	5.57	5.31	5	4.65	4.24	3.78	3.23	2.58	1.86	1.16	0.61	0.26	0.07	5.92	5.44	5.14	4.9	4.61	4.28
2.34	3.82	4.71	3.79	3.56	1.04	6.37	5.87	5.55	5.3	4.99	4.64	4.23	3.78	3.23	2.58	1.86	1.16	0.61	0.27	0.07	5.87	5.39	5.1	4.86	4.58	4.25
2.46	3.82	4.69	3.74	3.49	1.04	6.35	5.85	5.54	5.28	4.98	4.63	4.23	3.77	3.23	2.58	1.86	1.16	0.62	0.27	0.08	5.83	5.36	5.06	4.83	4.55	4.23
1.88	3.81	4.71	3.69	3.45	1.03	6.34	5.83	5.52	5.27	4.97	4.62	4.22	3.76	3.22	2.57	1.86	1.17	0.62	0.27	0.08	5.8	5.32	5.03	4.8	4.52	4.2
2.04	3.81	4.71	3.71	3.41	1.02	6.32	5.82	5.51	5.26	4.96	4.61	4.21	3.76	3.22	2.57	1.86	1.17	0.62	0.27	0.08	5.77	5.3	5.01	4.78	4.5	4.19
1.56	3.77	4.69	3.7	3.38	1.01	6.32	5.81	5.5	5.25	4.95	4.61	4.21	3.75	3.21	2.57	1.86	1.17	0.62	0.28	0.08	5.75	5.28	4.99	4.76	4.49	4.17
1.58	3.79	4.7	3.68	3.39	1	6.31	5.81	5.5	5.25	4.95	4.61	4.21	3.75	3.21	2.56	1.85	1.17	0.63	0.28	0.08	5.74	5.27	4.98	4.75	4.48	4.16
1.78	3.79	4.71	3.68	3.37	0.99	6.32	5.81	5.5	5.25	4.95	4.61	4.21	3.75	3.2	2.56	1.85	1.17	0.63	0.28	0.08	5.73	5.26	4.97	4.74	4.47	4.15
1.72	3.81	4.72	3.68	3.4	0.98	6.32	5.81	5.51	5.25	4.95	4.61	4.21	3.75	3.2	2.55	1.84	1.17	0.63	0.28	0.09	5.73	5.25	4.97	4.74	4.46	4.15
1.84	3.79	4.71	3.68	3.39	0.97	6.31	5.8	5.5	5.25	4.95	4.61	4.21	3.75	3.2	2.55	1.84	1.16	0.63	0.28	0.09	5.71	5.24	4.96	4.73	4.45	4.14
2.16	3.77	4.71	3.7	3.39	0.96	6.3	5.79	5.5	5.25	4.95	4.61	4.21	3.74	3.19	2.55	1.84	1.16	0.62	0.28	0.08	5.69	5.22	4.95	4.72	4.45	4.13
1.92	3.8	4.71	3.7	3.39	0.96	6.28	5.78	5.49	5.24	4.94	4.6	4.21	3.74	3.19	2.54	1.83	1.16	0.62	0.28	0.08	5.67	5.2	4.93	4.7	4.43	4.12
2.23	3.79	4.7	3.68	3.35	0.95	6.26	5.77	5.48	5.23	4.94	4.6	4.2	3.74	3.19	2.54	1.83	1.16	0.62	0.28	0.08	5.64	5.17	4.9	4.68	4.42	4.11
1.61	3.8	4.7	3.68	3.34	0.95	6.25	5.75	5.47	5.22	4.93	4.6	4.2	3.74	3.19	2.54	1.83	1.16	0.62	0.28	0.08	5.61	5.15	4.88	4.66	4.4	4.1
1.95	3.79	4.69	3.69	3.36	0.94	6.25	5.74	5.46	5.22	4.93	4.6	4.2	3.74	3.18	2.54	1.83	1.15	0.61	0.27	0.08	5.59	5.12	4.86	4.64	4.38	4.08
1.95	3.77	4.7	3.69	3.37	0.94	6.26	5.75	5.46	5.22	4.93	4.6	4.21	3.74	3.18	2.53	1.82	1.15	0.61	0.27	0.08	5.58	5.11	4.85	4.63	4.37	4.07
1.98	3.76	4.73	3.7	3.37	0.94	6.3	5.76	5.47	5.23	4.94	4.61	4.21	3.74	3.19	2.53	1.82	1.14	0.6	0.26	0.08	5.59	5.1	4.84	4.62	4.37	4.07
1.67	3.79	4.7	3.67	3.38	0.95	6.34	5.79	5.5	5.25	4.96	4.62	4.22	3.75	3.19	2.53	1.81	1.13	0.59	0.26	0.07	5.61	5.11	4.84	4.62	4.36	4.07
1.8	3.83	4.7	3.68	3.38	0.96	6.4	5.82	5.52	5.27	4.98	4.63	4.23	3.76	3.19	2.52	1.8	1.12	0.58	0.25	0.07	5.65	5.12	4.85	4.63	4.36	4.06
2.05	3.79	4.71	3.7	3.41	0.96	6.47	5.85	5.55	5.29	4.99	4.65	4.24	3.76	3.19	2.52	1.79	1.11	0.58	0.24	0.07	5.69	5.13	4.86	4.63	4.37	4.07
2.21	3.82	4.71	3.68	3.4	0.97	6.54	5.89	5.57	5.32	5.01	4.66	4.25	3.77	3.2	2.52	1.78	1.1	0.57	0.24	0.07	5.73	5.14	4.86	4.64	4.37	4.07
1.91	3.79	4.73	3.72	3.41	0.99	6.6	5.92	5.59	5.33	5.03	4.67	4.26	3.78	3.2	2.52	1.78	1.09	0.56	0.24	0.06	5.77	5.15	4.87	4.64	4.37	4.07
1.66	3.81	4.73	3.7	3.4	1	6.65	5.94	5.61	5.35	5.04	4.68	4.27	3.78	3.2	2.51	1.77	1.09	0.56	0.23	0.06	5.8	5.16	4.87	4.64	4.37	4.07
1.99	3.81	4.73	3.73	3.39	1.01	6.68	5.95	5.62	5.36	5.04	4.69	4.27	3.78	3.2	2.51	1.77	1.08	0.55	0.23	0.06	5.82	5.17	4.88	4.65	4.38	4.07
1.29	3.8	4.72	3.71	3.37	1.03	6.7	5.96	5.63	5.37	5.05	4.69	4.28	3.79	3.2	2.51	1.76	1.08	0.55	0.23	0.06	5.83	5.17	4.88	4.65	4.38	4.07
1.68	3.81	4.69	3.68	3.4	1.04	6.71	5.97	5.64	5.37	5.06	4.7	4.28	3.79	3.2	2.51	1.76	1.07	0.55	0.23	0.06	5.84	5.18	4.89	4.66	4.39	4.08
2.01	3.82	4.71	3.71	3.4	1.06	6.71	5.97	5.64	5.37	5.06	4.7	4.28	3.79	3.2	2.5	1.75	1.07	0.54	0.22	0.06	5.85	5.19	4.9	4.67	4.4	4.09
2.11	3.83	4.7	3.7	3.4	1.07	6.7	5.97	5.65	5.38	5.06	4.7	4.28	3.79	3.19	2.5	1.75	1.06	0.54	0.22	0.06	5.85	5.2	4.92	4.69	4.41	4.1
2.07	3.83	4.71	3.68	3.41	1.09	6.69	5.97	5.66	5.38	5.07	4.71	4.29	3.79	3.19	2.49	1.74	1.05	0.53	0.22	0.06	5.87	5.22	4.95	4.71	4.44	4.12
2.01	3.83	4.69	3.69	3.43	1.1	6.68	5.97	5.66	5.39	5.08	4.71	4.29	3.79	3.19	2.48	1.73	1.05	0.53	0.22	0.06	5.88	5.25	4.97	4.73	4.46	4.14
2.25	3.84	4.72	3.71	3.43	1.11	6.67	5.97	5.67	5.39	5.08	4.72	4.29	3.79	3.18	2.48	1.73	1.04	0.52	0.21	0.06	5.91	5.27	5	4.76	4.49	4.17
2.11	3.8	4.73	3.7	3.43	1.12	6.66	5.97	5.66	5.39	5.08	4.72	4.29	3.78	3.18	2.47	1.72	1.03	0.52	0.21	0.06	5.93	5.3	5.03	4.79	4.51	4.19
1.92	3.81	4.69	3.72	3.4	1.12	6.65	5.96	5.66	5.39	5.08	4.72	4.29	3.78	3.17	2.46	1.71	1.03	0.52	0.21	0.05	5.96	5.33	5.06	4.82	4.54	4.22
1.76	3.82	4.7	3.7	3.42	1.13	6.64	5.95	5.65	5.38	5.07	4.71	4.28	3.77	3.16	2.46	1.71	1.02	0.51	0.21	0.05	5.99	5.36	5.09	4.85	4.57	4.24
1.97	3.81	4.69	3.72	3.42	1.13	6.61	5.93	5.63	5.37	5.06	4.7	4.27	3.76	3.16	2.45	1.7	1.02									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.05	3.81	4.7	3.68	3.44	1.07	5.64	5.2	4.97	4.78	4.52	4.23	3.86	3.42	2.89	2.26	1.57	0.93	0.45	0.17	0.04	6.49	5.98	5.71	5.48	5.19	4.83
1.76	3.79	4.72	3.64	3.4	1.07	5.63	5.2	4.97	4.77	4.52	4.22	3.86	3.42	2.88	2.25	1.57	0.93	0.45	0.17	0.04	6.5	6	5.73	5.5	5.21	4.85
1.67	3.81	4.71	3.69	3.39	1.06	5.61	5.19	4.96	4.77	4.52	4.22	3.85	3.41	2.88	2.25	1.57	0.93	0.45	0.17	0.04	6.51	6.02	5.75	5.52	5.23	4.87
1.96	3.78	4.71	3.68	3.38	1.06	5.6	5.18	4.96	4.77	4.52	4.22	3.86	3.41	2.88	2.24	1.56	0.92	0.45	0.17	0.04	6.52	6.04	5.77	5.54	5.25	4.9
0.73	3.8	4.7	3.71	3.38	1.06	5.58	5.18	4.96	4.77	4.52	4.23	3.86	3.41	2.88	2.24	1.56	0.92	0.45	0.17	0.04	6.53	6.05	5.79	5.56	5.27	4.92
1.43	3.8	4.71	3.66	3.36	1.06	5.57	5.18	4.96	4.77	4.53	4.23	3.86	3.41	2.87	2.24	1.56	0.92	0.45	0.17	0.04	6.54	6.07	5.82	5.59	5.3	4.94
1.21	3.78	4.69	3.68	3.36	1.05	5.55	5.18	4.97	4.77	4.53	4.23	3.86	3.41	2.87	2.24	1.56	0.92	0.45	0.17	0.04	6.54	6.09	5.84	5.61	5.31	4.96
1.78	3.77	4.7	3.69	3.37	1.05	5.54	5.17	4.97	4.78	4.53	4.23	3.86	3.41	2.87	2.24	1.55	0.92	0.45	0.17	0.04	6.54	6.1	5.86	5.62	5.33	4.97
2	3.77	4.71	3.69	3.38	1.05	5.52	5.17	4.97	4.78	4.53	4.24	3.87	3.41	2.87	2.24	1.55	0.92	0.45	0.17	0.04	6.53	6.11	5.87	5.64	5.34	4.98
2	3.79	4.7	3.7	3.39	1.05	5.51	5.17	4.97	4.77	4.53	4.23	3.87	3.41	2.87	2.24	1.55	0.92	0.45	0.17	0.04	6.52	6.12	5.87	5.64	5.35	4.99
1.61	3.8	4.69	3.7	3.38	1.04	5.49	5.16	4.96	4.77	4.53	4.23	3.87	3.42	2.88	2.24	1.56	0.92	0.45	0.17	0.04	6.51	6.11	5.87	5.64	5.35	4.99
1.8	3.8	4.72	3.73	3.41	1.04	5.48	5.16	4.96	4.77	4.53	4.23	3.87	3.42	2.88	2.24	1.56	0.92	0.45	0.17	0.04	6.49	6.11	5.86	5.63	5.35	4.99
2.13	3.81	4.71	3.69	3.38	1.04	5.47	5.16	4.95	4.77	4.53	4.24	3.87	3.42	2.89	2.25	1.56	0.93	0.45	0.18	0.05	6.47	6.1	5.85	5.63	5.34	4.98
1.94	3.8	4.7	3.69	3.39	1.03	5.46	5.16	4.96	4.77	4.54	4.24	3.88	3.43	2.89	2.25	1.56	0.93	0.45	0.18	0.05	6.45	6.09	5.84	5.62	5.34	4.98
1.49	3.78	4.71	3.69	3.35	1.03	5.47	5.18	4.97	4.78	4.55	4.26	3.89	3.45	2.9	2.26	1.57	0.93	0.46	0.18	0.05	6.44	6.1	5.85	5.62	5.34	4.99
1.32	3.78	4.71	3.69	3.37	1.03	5.48	5.2	4.99	4.8	4.57	4.28	3.91	3.46	2.92	2.27	1.58	0.93	0.46	0.18	0.05	6.44	6.11	5.86	5.64	5.36	5
1.8	3.76	4.71	3.71	3.37	1.02	5.5	5.23	5.02	4.83	4.6	4.3	3.94	3.48	2.93	2.28	1.58	0.94	0.46	0.18	0.05	6.45	6.12	5.88	5.65	5.37	5.02
1.95	3.77	4.69	3.67	3.35	1.02	5.53	5.26	5.05	4.86	4.63	4.33	3.96	3.51	2.95	2.29	1.59	0.94	0.46	0.18	0.05	6.46	6.14	5.9	5.67	5.39	5.04
1.83	3.76	4.71	3.67	3.39	1.02	5.56	5.29	5.09	4.9	4.66	4.36	3.99	3.53	2.96	2.3	1.6	0.94	0.46	0.18	0.05	6.47	6.16	5.92	5.69	5.41	5.06
1.72	3.79	4.71	3.64	3.38	1.02	5.58	5.32	5.12	4.93	4.69	4.39	4.01	3.55	2.98	2.31	1.6	0.95	0.46	0.18	0.05	6.48	6.17	5.93	5.71	5.42	5.07
1.82	3.79	4.7	3.67	3.38	1.02	5.6	5.34	5.14	4.95	4.71	4.41	4.03	3.56	2.99	2.32	1.61	0.95	0.47	0.18	0.05	6.48	6.18	5.94	5.71	5.43	5.08
1.81	3.78	4.71	3.7	3.39	1.02	5.62	5.36	5.16	4.97	4.72	4.42	4.05	3.57	3	2.33	1.62	0.96	0.47	0.18	0.05	6.48	6.17	5.94	5.71	5.43	5.07
1.81	3.77	4.68	3.71	3.39	1.02	5.62	5.37	5.17	4.98	4.73	4.43	4.06	3.58	3.01	2.34	1.63	0.96	0.47	0.19	0.05	6.46	6.16	5.92	5.7	5.42	5.07
1.37	3.77	4.71	3.71	3.37	1.02	5.62	5.37	5.17	4.98	4.74	4.44	4.06	3.59	3.02	2.35	1.64	0.97	0.48	0.19	0.05	6.43	6.14	5.91	5.68	5.4	5.05
1.59	3.79	4.7	3.71	3.37	1.01	5.62	5.38	5.18	4.99	4.74	4.45	4.07	3.6	3.03	2.37	1.65	0.98	0.48	0.19	0.05	6.4	6.12	5.88	5.66	5.39	5.04
1.98	3.77	4.68	3.7	3.38	1.01	5.62	5.38	5.18	4.99	4.75	4.45	4.08	3.61	3.04	2.38	1.66	0.99	0.49	0.19	0.05	6.38	6.1	5.86	5.64	5.37	5.02
1.81	3.76	4.68	3.68	3.36	1.01	5.62	5.38	5.18	4.99	4.75	4.45	4.08	3.61	3.05	2.39	1.67	1	0.49	0.2	0.05	6.36	6.08	5.84	5.62	5.35	5.01
1.59	3.77	4.72	3.68	3.36	1.01	5.63	5.39	5.19	5	4.76	4.46	4.09	3.63	3.07	2.41	1.68	1.01	0.5	0.2	0.06	6.34	6.06	5.82	5.61	5.33	4.99
1.87	3.76	4.7	3.66	3.37	1.01	5.65	5.4	5.2	5.01	4.77	4.47	4.1	3.64	3.08	2.42	1.7	1.02	0.5	0.2	0.06	6.34	6.04	5.81	5.6	5.32	4.98
1.9	3.77	4.69	3.67	3.38	1.01	5.67	5.41	5.21	5.02	4.78	4.49	4.11	3.66	3.1	2.44	1.72	1.03	0.51	0.21	0.06	6.34	6.03	5.8	5.59	5.31	4.98
1.89	3.77	4.69	3.69	3.37	1.01	5.7	5.43	5.23	5.04	4.8	4.5	4.13	3.67	3.12	2.46	1.73	1.04	0.52	0.21	0.06	6.34	6.03	5.8	5.58	5.31	4.98
2.16	3.79	4.71	3.69	3.36	1	5.73	5.45	5.25	5.06	4.82	4.52	4.15	3.7	3.14	2.48	1.75	1.06	0.52	0.21	0.06	6.34	6.02	5.79	5.58	5.31	4.98
2.07	3.76	4.71	3.68	3.38	1	5.76	5.48	5.27	5.08	4.84	4.55	4.18	3.72	3.17	2.5	1.77	1.07	0.53	0.21	0.06	6.35	6.03	5.8	5.58	5.31	4.98
1.85	3.76	4.69	3.69	3.35	1	5.79	5.51	5.3	5.11	4.87	4.58	4.21	3.75	3.19	2.53	1.79	1.08	0.53	0.22	0.06	6.36	6.04	5.8	5.59	5.32	4.99
1.9	3.77	4.66	3.71	3.35	1	5.83	5.55	5.34	5.15	4.91	4.61	4.24	3.78	3.22	2.55	1.81	1.09	0.54	0.22	0.06	6.36	6.05	5.82	5.6	5.34	5.01
1.99	3.77	4.68	3.69	3.34	1	5.86	5.59	5.38	5.19	4.95	4.64	4.27	3.81	3.25	2.57	1.82	1.1	0.55	0.22	0.06	6.38	6.08	5.84	5.62	5.36	5.03
1.85	3.75	4.7	3.69	3.35	1	5.9	5.64	5.42	5.23	4.98	4.68	4.3	3.83	3.27	2.59	1.84	1.11	0.55	0.22	0.06	6.4	6.1	5.86	5.65	5.38	5.04
1.82	3.77	4.69	3.67	3.36	1	5.94	5.68	5.46	5.27	5.02	4.72	4.33	3.86	3.29	2.61	1.85	1.12	0.55	0.22	0.06	6.42	6.13	5.89	5.67	5.4	5.07
2.03	3.81	4.69	3.7	3.43	1	5.99	5.73	5.51	5.31	5.06	4.75	4.36	3.89	3.32	2.63	1.86	1.13	0.56	0.23	0.06	6.44	6.16	5.91	5.7	5.42	5.09
2.03	3.79	4.71	3.68	3.4	1	6.03	5.77	5.55	5.35	5.1	4.79	4.39	3.91	3.33	2.64	1.87	1.13	0.56	0.23	0.06	6.47	6.19	5.94	5.72	5.45	5.11
1.75	3.78	4.7	3.7	3.41	1	6.06	5.81	5.59	5.38	5.13	4.81	4.42	3.94	3.35	2.65	1.88	1.14	0.56	0.23	0.06	6.49	6.21	5.97	5.75	5.47	5.13
1.87	3.77	4.69	3.67	3.38	1	6.1	5.84	5.62	5.42	5.16	4.84	4.44	3.95	3.36	2.66	1.88	1.14	0.57	0.23	0.06	6.51	6.23	5.99	5.77	5.48	5.14
1.91	3.76	4.7	3.7	3.4	1.01	6.13	5.87	5.65	5.44	5.18	4.86	4.46	3.97	3.38	2.67	1.89	1.14	0.57	0.23	0.06	6.52	6.24	6	5.78	5.49	5.15
2.02	3.78	4.7	3.67	3.36	1.01	6.16	5.89	5.67	5.46	5.2	4.88	4.48	3.98	3.39	2.68	1.89	1.14	0.57	0.23	0.06	6.54	6.25	6.01	5.78	5.5	5.16
2.16	3.78	4.69	3.68	3.41	1.01	6.18	5.9	5.69	5.48	5.22	4.89	4.49	3.99	3.39	2.68	1.89	1.14	0.57	0.23	0.06	6.56	6.25	6.02	5.79	5.51	5.16
2.04	3.78	4.71	3.7	3.38	1.02	6.21	5.92	5.7	5.49	5.23	4.91	4.5	4	3.4	2.69	1.9	1.14	0.57	0.23	0.06	6.57	6.26	6.02	5.8	5.51	5.17
1.87	3.78	4.67	3.71	3.4	1.02	6.23	5.93	5.72	5.5	5.24	4.92	4.51	4.01	3.41	2.69	1.9	1.14	0.56	0.23	0.06	6.59	6.26	6.03	5.8	5.51	5.17
1.88	3.78	4.69	3.73	3.38	1.02	6.26	5.95	5.73	5.52	5.25	4.93	4.52	4.02	3.41	2.69	1.9	1.14	0.56	0.23	0.06	6.61	6.27	6.04	5.81	5.53	5.18
2	3.79	4.7	3.71	3.39	1.03	6.28	5.97	5.75	5.54	5.27	4.94	4.53	4.03	3.42	2.7	1.9	1.14	0.56	0.23	0.06	6.63	6.29	6.06	5.83	5.54	5.2
2	3.78	4.7	3.71	3.4	1.03	6.31	5.99	5.77	5.55	5.29	4.96	4.55	4.04	3.43	2.7	1.9	1.14	0.56	0.22	0.						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.98	3.81	4.71	3.68	3.42	1.07	6.32	6.06	5.82	5.6	5.32	4.97	4.52	3.95	3.27	2.47	1.65	0.93	0.43	0.16	0.03	7.17	6.88	6.6	6.36	6.03	5.63
1.58	3.81	4.72	3.69	3.4	1.07	6.31	6.06	5.81	5.6	5.32	4.97	4.52	3.96	3.27	2.48	1.65	0.94	0.43	0.16	0.04	7.16	6.87	6.59	6.35	6.03	5.63
1.59	3.8	4.71	3.7	3.4	1.07	6.3	6.05	5.81	5.59	5.32	4.97	4.53	3.96	3.28	2.49	1.66	0.94	0.43	0.16	0.04	7.14	6.85	6.58	6.33	6.01	5.62
1.87	3.81	4.69	3.69	3.38	1.06	6.29	6.04	5.8	5.59	5.32	4.97	4.53	3.97	3.28	2.5	1.67	0.94	0.43	0.16	0.04	7.11	6.82	6.56	6.31	6	5.6
1.73	3.79	4.7	3.67	3.39	1.06	6.29	6.03	5.8	5.59	5.31	4.97	4.53	3.97	3.29	2.5	1.68	0.95	0.44	0.16	0.04	7.09	6.8	6.54	6.3	5.98	5.59
1.99	3.79	4.7	3.69	3.39	1.06	6.28	6.03	5.8	5.59	5.32	4.97	4.54	3.98	3.3	2.51	1.69	0.95	0.44	0.16	0.04	7.06	6.77	6.52	6.28	5.96	5.58
1.99	3.79	4.71	3.68	3.39	1.05	6.28	6.03	5.8	5.59	5.32	4.98	4.54	3.99	3.31	2.52	1.7	0.96	0.44	0.16	0.04	7.04	6.75	6.5	6.26	5.95	5.56
1.68	3.81	4.71	3.71	3.39	1.05	6.28	6.03	5.81	5.6	5.33	4.99	4.55	4	3.32	2.53	1.7	0.96	0.44	0.16	0.04	7.01	6.73	6.48	6.25	5.93	5.55
1.96	3.78	4.71	3.69	3.41	1.04	6.29	6.04	5.82	5.61	5.34	5	4.57	4.01	3.33	2.54	1.71	0.97	0.44	0.16	0.04	6.99	6.72	6.47	6.23	5.92	5.54
1.7	3.8	4.7	3.69	3.4	1.04	6.31	6.06	5.84	5.63	5.36	5.02	4.58	4.03	3.35	2.55	1.72	0.97	0.44	0.16	0.04	6.98	6.7	6.46	6.22	5.91	5.53
1.84	3.79	4.7	3.66	3.43	1.04	6.32	6.08	5.86	5.65	5.37	5.03	4.59	4.04	3.36	2.56	1.72	0.97	0.44	0.16	0.04	6.95	6.69	6.44	6.21	5.9	5.52
2	3.82	4.7	3.7	3.39	1.03	6.33	6.1	5.88	5.67	5.39	5.05	4.61	4.05	3.37	2.57	1.73	0.98	0.44	0.16	0.04	6.93	6.67	6.43	6.19	5.89	5.5
1.99	3.8	4.7	3.7	3.39	1.03	6.35	6.12	5.9	5.69	5.41	5.06	4.63	4.07	3.38	2.58	1.74	0.98	0.44	0.16	0.04	6.91	6.65	6.41	6.18	5.87	5.49
1.8	3.81	4.72	3.67	3.38	1.02	6.37	6.14	5.92	5.71	5.43	5.08	4.64	4.08	3.4	2.59	1.74	0.98	0.44	0.15	0.04	6.89	6.63	6.39	6.16	5.85	5.47
1.81	3.8	4.73	3.69	3.38	1.02	6.39	6.16	5.94	5.73	5.45	5.1	4.66	4.1	3.41	2.61	1.75	0.99	0.44	0.15	0.04	6.86	6.61	6.38	6.14	5.84	5.46
2.09	3.8	4.71	3.67	3.39	1.02	6.42	6.19	5.97	5.75	5.47	5.12	4.68	4.12	3.43	2.62	1.76	0.99	0.44	0.15	0.04	6.85	6.6	6.36	6.13	5.82	5.44
2.3	3.81	4.7	3.7	3.4	1.02	6.45	6.22	6	5.78	5.5	5.15	4.7	4.14	3.45	2.63	1.77	0.99	0.44	0.15	0.03	6.83	6.59	6.35	6.11	5.81	5.43
2.16	3.78	4.7	3.7	3.37	1.02	6.48	6.26	6.03	5.81	5.53	5.18	4.73	4.16	3.47	2.65	1.78	1	0.45	0.15	0.04	6.82	6.58	6.34	6.1	5.8	5.42
2.09	3.78	4.71	3.68	3.4	1.01	6.52	6.29	6.07	5.85	5.56	5.2	4.75	4.18	3.49	2.66	1.79	1	0.45	0.15	0.04	6.82	6.57	6.33	6.1	5.79	5.42
1.84	3.79	4.71	3.68	3.39	1.01	6.56	6.33	6.1	5.88	5.59	5.23	4.78	4.2	3.51	2.68	1.8	1.01	0.45	0.15	0.04	6.81	6.56	6.32	6.09	5.78	5.41
1.93	3.78	4.68	3.7	3.38	1.01	6.6	6.36	6.13	5.91	5.62	5.26	4.8	4.23	3.53	2.7	1.81	1.02	0.45	0.15	0.04	6.79	6.54	6.3	6.07	5.77	5.39
2.23	3.79	4.7	3.7	3.38	1.01	6.63	6.39	6.16	5.93	5.65	5.29	4.83	4.25	3.55	2.72	1.83	1.02	0.46	0.15	0.04	6.77	6.53	6.29	6.05	5.75	5.38
2.2	3.79	4.7	3.69	3.38	1.01	6.66	6.42	6.19	5.96	5.67	5.31	4.85	4.28	3.58	2.74	1.84	1.03	0.46	0.15	0.04	6.75	6.5	6.26	6.03	5.74	5.36
1.86	3.79	4.72	3.68	3.38	1.01	6.69	6.44	6.21	5.98	5.7	5.34	4.88	4.3	3.6	2.76	1.86	1.04	0.46	0.15	0.04	6.73	6.48	6.24	6.01	5.72	5.35
1.62	3.8	4.71	3.66	3.38	1.01	6.72	6.47	6.24	6.01	5.73	5.37	4.91	4.33	3.63	2.78	1.88	1.05	0.46	0.15	0.04	6.71	6.46	6.22	5.99	5.7	5.33
1.52	3.81	4.71	3.66	3.38	1.01	6.76	6.51	6.27	6.05	5.76	5.4	4.94	4.37	3.66	2.81	1.89	1.05	0.46	0.15	0.04	6.7	6.44	6.2	5.98	5.69	5.32
1.37	3.78	4.68	3.71	3.36	1.02	6.81	6.55	6.32	6.09	5.8	5.44	4.98	4.4	3.69	2.83	1.9	1.06	0.46	0.15	0.04	6.7	6.43	6.2	5.97	5.68	5.32
2.02	3.77	4.72	3.68	3.36	1.02	6.86	6.6	6.37	6.14	5.85	5.48	5.02	4.44	3.71	2.85	1.92	1.06	0.46	0.15	0.04	6.7	6.44	6.2	5.97	5.69	5.33
2.18	3.77	4.69	3.68	3.39	1.02	6.92	6.66	6.42	6.19	5.89	5.53	5.06	4.47	3.74	2.87	1.92	1.06	0.46	0.15	0.04	6.7	6.45	6.21	5.98	5.69	5.33
2.09	3.78	4.69	3.67	3.4	1.02	6.97	6.72	6.47	6.24	5.94	5.57	5.1	4.5	3.77	2.89	1.93	1.06	0.46	0.15	0.04	6.71	6.46	6.22	5.99	5.7	5.34
1.86	3.81	4.72	3.67	3.41	1.02	7.02	6.78	6.52	6.29	5.99	5.61	5.13	4.53	3.79	2.9	1.94	1.07	0.46	0.15	0.04	6.71	6.47	6.22	5.99	5.7	5.34
2.13	3.8	4.73	3.71	3.39	1.03	7.06	6.82	6.56	6.33	6.02	5.64	5.16	4.56	3.81	2.92	1.94	1.07	0.46	0.15	0.04	6.71	6.48	6.22	5.99	5.7	5.34
2.22	3.8	4.71	3.71	3.41	1.03	7.1	6.86	6.6	6.36	6.05	5.67	5.18	4.58	3.83	2.93	1.95	1.07	0.46	0.15	0.04	6.71	6.47	6.22	5.99	5.7	5.33
2.21	3.8	4.72	3.73	3.41	1.03	7.14	6.89	6.62	6.38	6.07	5.69	5.2	4.59	3.84	2.94	1.95	1.07	0.45	0.15	0.04	6.71	6.47	6.21	5.98	5.69	5.32
2.19	3.79	4.71	3.7	3.39	1.04	7.17	6.91	6.65	6.4	6.09	5.7	5.22	4.6	3.85	2.94	1.96	1.07	0.45	0.15	0.04	6.71	6.46	6.2	5.97	5.68	5.31
2.06	3.81	4.7	3.68	3.38	1.04	7.22	6.94	6.67	6.43	6.12	5.73	5.23	4.62	3.86	2.95	1.96	1.07	0.45	0.16	0.04	6.72	6.46	6.2	5.97	5.67	5.31
2	3.79	4.69	3.65	3.41	1.04	7.26	6.98	6.71	6.46	6.15	5.75	5.25	4.63	3.87	2.96	1.96	1.06	0.45	0.16	0.04	6.74	6.47	6.21	5.98	5.68	5.31
1.97	3.8	4.71	3.7	3.38	1.04	7.32	7.02	6.75	6.5	6.18	5.78	5.28	4.65	3.88	2.96	1.96	1.06	0.44	0.15	0.05	6.77	6.49	6.23	6	5.69	5.32
1.19	3.77	4.71	3.62	3.39	1.04	7.38	7.08	6.8	6.55	6.22	5.82	5.3	4.67	3.89	2.96	1.95	1.04	0.43	0.15	0.05	6.81	6.52	6.26	6.03	5.72	5.34
1.94	3.78	4.7	3.7	3.39	1.04	7.44	7.14	6.86	6.61	6.27	5.86	5.34	4.69	3.9	2.95	1.94	1.03	0.43	0.15	0.05	6.86	6.57	6.31	6.07	5.76	5.37
1.81	3.79	4.71	3.7	3.43	1.04	7.5	7.21	6.93	6.67	6.33	5.9	5.37	4.71	3.9	2.94	1.92	1.02	0.42	0.14	0.05	6.92	6.63	6.37	6.12	5.8	5.41
1.58	3.79	4.72	3.67	3.43	1.04	7.57	7.27	6.99	6.73	6.38	5.95	5.4	4.73	3.91	2.94	1.9	1	0.41	0.14	0.04	6.98	6.7	6.43	6.18	5.85	5.45
1.71	3.8	4.71	3.68	3.4	1.04	7.62	7.33	7.04	6.77	6.42	5.98	5.43	4.74	3.9	2.92	1.88	0.99	0.4	0.13	0.04	7.04	6.75	6.48	6.23	5.89	5.48
2.17	3.81	4.7	3.71	3.4	1.04	7.65	7.36	7.08	6.8	6.45	6	5.44	4.74	3.89	2.91	1.86	0.97	0.4	0.13	0.04	7.08	6.78	6.53	6.26	5.92	5.51
1.97	3.82	4.71	3.73	3.39	1.04	7.66	7.37	7.09	6.82	6.46	6.01	5.44	4.73	3.88	2.89	1.84	0.96	0.39	0.13	0.04	7.1	6.82	6.55	6.28	5.94	5.52
2.18	3.82	4.69	3.7	3.4	1.04	7.65	7.37	7.09	6.81	6.45	6	5.43	4.72	3.86	2.87	1.83	0.94	0.38	0.12	0.04	7.11	6.83	6.56	6.29	5.95	5.53
2.01	3.8	4.71	3.72	3.39	1.03	7.63	7.35	7.07	6.8	6.44	5.99	5.41	4.7	3.84	2.85	1.81	0.93	0.38	0.12	0.04	7.1	6.83	6.56	6.29	5.95	5.53
1.99	3.79	4.71	3.68	3.39	1.03	7.6	7.31	7.05	6.77	6.42	5.97	5.4	4.68	3.82	2.83	1.79	0.92	0.37	0.12	0.03	7.09	6.81	6.55	6.29	5.95	5.52
1.58	3.8	4.7	3.68	3.39	1.02	7.56	7.28	7.02	6.75	6.4	5.96	5.38	4.66	3.8	2.81	1.78	0.92	0.37	0.12	0.03	7.07	6.8	6.54	6.28	5.94	5.52
1.65	3.8	4.68	3.69	3.37	1.01	7.52	7.25	7	6.73	6.39	5.94	5.37	4.65	3.79	2.8	1.77	0.91	0.37	0.12	0.03	7.05</					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.77	3.78	4.68	3.72	3.4	1.07	7.3	7.07	6.8	6.54	6.19	5.74	5.13	4.35	3.44	2.42	1.43	0.67	0.24	0.07	0.02	7.5	7.25	6.97	6.7	6.34	5.86
1.89	3.78	4.67	3.71	3.4	1.06	7.25	7.02	6.75	6.5	6.14	5.69	5.07	4.3	3.39	2.38	1.4	0.65	0.23	0.07	0.01	7.48	7.23	6.95	6.68	6.31	5.83
1.9	3.78	4.67	3.69	3.39	1.05	7.2	6.97	6.71	6.45	6.1	5.64	5.02	4.25	3.34	2.33	1.37	0.64	0.23	0.07	0.01	7.45	7.2	6.92	6.65	6.28	5.79
1.84	3.8	4.71	3.71	3.4	1.04	7.16	6.92	6.66	6.4	6.05	5.59	4.97	4.2	3.29	2.29	1.34	0.62	0.22	0.06	0.01	7.42	7.17	6.89	6.62	6.24	5.76
1.52	3.8	4.71	3.67	3.39	1.04	7.11	6.88	6.62	6.36	6	5.54	4.92	4.14	3.24	2.25	1.32	0.61	0.22	0.06	0.01	7.39	7.14	6.87	6.59	6.21	5.72
2.17	3.8	4.72	3.69	3.39	1.03	7.08	6.85	6.59	6.32	5.97	5.5	4.88	4.1	3.19	2.21	1.29	0.6	0.21	0.06	0.01	7.38	7.13	6.85	6.57	6.19	5.7
2.16	3.78	4.72	3.68	3.41	1.03	7.05	6.82	6.56	6.29	5.93	5.46	4.83	4.05	3.15	2.17	1.27	0.58	0.21	0.06	0.01	7.37	7.12	6.85	6.56	6.18	5.68
1.95	3.79	4.7	3.69	3.4	1.02	7.03	6.8	6.54	6.27	5.91	5.43	4.8	4.01	3.11	2.14	1.24	0.57	0.2	0.06	0.01	7.37	7.12	6.85	6.56	6.17	5.66
1.91	3.78	4.72	3.7	3.38	1.02	7.02	6.79	6.53	6.26	5.89	5.41	4.77	3.98	3.07	2.11	1.22	0.57	0.2	0.06	0.01	7.38	7.13	6.86	6.56	6.17	5.66
2.11	3.77	4.72	3.68	3.37	1.02	7.01	6.79	6.53	6.25	5.88	5.4	4.75	3.95	3.05	2.09	1.21	0.56	0.2	0.05	0.01	7.4	7.15	6.87	6.58	6.18	5.66
1.95	3.79	4.71	3.71	3.38	1.02	7.02	6.8	6.53	6.26	5.89	5.39	4.74	3.93	3.02	2.06	1.19	0.55	0.2	0.05	0.01	7.42	7.19	6.9	6.6	6.2	5.67
1.47	3.79	4.72	3.69	3.39	1.02	7.03	6.82	6.55	6.27	5.89	5.39	4.73	3.92	3	2.05	1.18	0.55	0.2	0.05	0.01	7.45	7.22	6.93	6.63	6.22	5.69
1.89	3.79	4.7	3.7	3.37	1.01	7.04	6.83	6.56	6.28	5.9	5.4	4.73	3.91	2.99	2.03	1.17	0.55	0.19	0.05	0.01	7.48	7.25	6.96	6.66	6.24	5.7
2.15	3.82	4.7	3.69	3.4	1.01	7.05	6.84	6.57	6.29	5.9	5.4	4.73	3.9	2.98	2.02	1.17	0.54	0.19	0.05	0.01	7.5	7.28	6.99	6.68	6.26	5.72
2.06	3.79	4.72	3.71	3.4	1.01	7.05	6.85	6.58	6.29	5.91	5.4	4.72	3.9	2.97	2.02	1.16	0.54	0.19	0.05	0.01	7.52	7.3	7.01	6.7	6.28	5.73
1.87	3.78	4.71	3.71	3.36	1	7.06	6.85	6.58	6.29	5.91	5.4	4.72	3.9	2.97	2.02	1.16	0.54	0.19	0.05	0.01	7.54	7.31	7.02	6.71	6.29	5.73
1.62	3.77	4.69	3.69	3.36	1	7.05	6.84	6.57	6.29	5.9	5.4	4.72	3.9	2.97	2.02	1.16	0.54	0.19	0.05	0.01	7.54	7.31	7.02	6.71	6.29	5.74
1.92	3.8	4.7	3.66	3.39	1	7.05	6.83	6.56	6.28	5.9	5.39	4.73	3.9	2.98	2.02	1.17	0.54	0.2	0.05	0.01	7.54	7.31	7.01	6.71	6.29	5.74
2.1	3.79	4.7	3.68	3.37	0.99	7.04	6.82	6.55	6.27	5.9	5.4	4.73	3.91	2.99	2.04	1.18	0.55	0.2	0.05	0.01	7.53	7.3	7.01	6.7	6.29	5.75
1.93	3.78	4.71	3.69	3.36	0.99	7.03	6.81	6.55	6.27	5.89	5.4	4.74	3.93	3.01	2.05	1.19	0.56	0.2	0.05	0.01	7.53	7.29	7	6.7	6.29	5.75
1.96	3.78	4.73	3.68	3.38	0.99	7.02	6.81	6.54	6.27	5.9	5.41	4.75	3.95	3.03	2.08	1.21	0.57	0.21	0.06	0.01	7.53	7.29	7	6.7	6.3	5.77
2.25	3.79	4.7	3.7	3.39	0.99	7.03	6.81	6.54	6.27	5.9	5.42	4.77	3.97	3.06	2.1	1.23	0.58	0.22	0.06	0.02	7.53	7.3	7	6.71	6.31	5.78
1.88	3.78	4.71	3.69	3.37	1	7.03	6.82	6.55	6.28	5.92	5.43	4.79	4	3.09	2.13	1.25	0.6	0.22	0.06	0.02	7.54	7.31	7.01	6.72	6.33	5.8
1.69	3.78	4.71	3.68	3.37	1	7.04	6.83	6.55	6.29	5.93	5.45	4.81	4.02	3.12	2.16	1.28	0.61	0.23	0.07	0.02	7.55	7.32	7.02	6.74	6.34	5.82
1.86	3.8	4.72	3.71	3.38	1	7.05	6.83	6.56	6.3	5.94	5.47	4.83	4.05	3.14	2.19	1.3	0.63	0.24	0.07	0.02	7.57	7.33	7.04	6.76	6.36	5.85
1.59	3.78	4.7	3.7	3.37	1	7.05	6.84	6.57	6.31	5.96	5.48	4.85	4.07	3.17	2.22	1.32	0.65	0.25	0.08	0.02	7.58	7.35	7.05	6.77	6.38	5.87
1.25	3.79	4.69	3.7	3.38	1.01	7.05	6.84	6.58	6.32	5.97	5.5	4.87	4.09	3.2	2.24	1.35	0.66	0.26	0.08	0.02	7.58	7.35	7.06	6.79	6.4	5.89
1.9	3.78	4.7	3.68	3.37	1.01	7.05	6.84	6.58	6.32	5.97	5.51	4.88	4.11	3.22	2.27	1.37	0.68	0.27	0.09	0.02	7.58	7.35	7.07	6.79	6.41	5.9
1.45	3.8	4.67	3.69	3.39	1.01	7.04	6.83	6.58	6.32	5.97	5.51	4.9	4.13	3.24	2.29	1.39	0.7	0.28	0.09	0.02	7.58	7.35	7.07	6.79	6.41	5.91
1.76	3.8	4.71	3.72	3.38	1.01	7.03	6.82	6.57	6.32	5.98	5.52	4.91	4.15	3.27	2.31	1.41	0.71	0.29	0.09	0.02	7.57	7.34	7.07	6.79	6.42	5.92
2.19	3.8	4.71	3.68	3.36	1.02	7.03	6.81	6.57	6.32	5.97	5.52	4.92	4.16	3.28	2.33	1.43	0.73	0.3	0.1	0.02	7.57	7.34	7.06	6.79	6.42	5.93
2.12	3.78	4.72	3.67	3.37	1.02	7.02	6.81	6.56	6.31	5.97	5.53	4.93	4.18	3.3	2.35	1.45	0.74	0.31	0.1	0.02	7.57	7.33	7.06	6.79	6.42	5.93
1.38	3.77	4.71	3.68	3.35	1.02	7.03	6.8	6.56	6.31	5.97	5.53	4.93	4.19	3.31	2.37	1.47	0.75	0.31	0.11	0.02	7.57	7.33	7.06	6.79	6.42	5.94
2.06	3.79	4.72	3.67	3.39	1.02	7.03	6.8	6.56	6.31	5.97	5.53	4.94	4.2	3.33	2.38	1.48	0.76	0.32	0.11	0.02	7.58	7.33	7.06	6.79	6.43	5.94
2.16	3.78	4.72	3.68	3.4	1.02	7.04	6.8	6.56	6.31	5.97	5.53	4.94	4.2	3.33	2.39	1.49	0.77	0.33	0.11	0.02	7.59	7.34	7.06	6.79	6.43	5.94
2.1	3.8	4.69	3.65	3.41	1.02	7.05	6.81	6.56	6.31	5.97	5.53	4.94	4.2	3.34	2.4	1.5	0.78	0.33	0.12	0.02	7.6	7.34	7.06	6.8	6.43	5.94
2.05	3.81	4.68	3.7	3.4	1.02	7.05	6.81	6.56	6.31	5.97	5.53	4.94	4.2	3.34	2.4	1.51	0.79	0.34	0.12	0.02	7.61	7.34	7.07	6.8	6.43	5.94
2.06	3.79	4.72	3.72	3.42	1.02	7.06	6.81	6.56	6.31	5.97	5.52	4.93	4.2	3.34	2.4	1.51	0.8	0.35	0.12	0.02	7.62	7.35	7.07	6.8	6.42	5.94
1.98	3.8	4.68	3.7	3.45	1.02	7.06	6.82	6.56	6.31	5.97	5.52	4.93	4.19	3.33	2.41	1.52	0.81	0.36	0.13	0.02	7.62	7.35	7.07	6.8	6.43	5.94
1.89	3.77	4.69	3.69	3.4	1.02	7.06	6.82	6.57	6.31	5.97	5.52	4.93	4.18	3.33	2.41	1.53	0.82	0.37	0.13	0.02	7.62	7.36	7.08	6.81	6.43	5.94
2.1	3.79	4.71	3.68	3.4	1.02	7.07	6.83	6.58	6.32	5.98	5.52	4.92	4.18	3.32	2.4	1.53	0.83	0.37	0.14	0.03	7.63	7.37	7.09	6.82	6.44	5.94
1.38	3.78	4.69	3.7	3.39	1.02	7.09	6.85	6.6	6.34	5.99	5.53	4.92	4.17	3.31	2.4	1.53	0.84	0.38	0.14	0.03	7.65	7.39	7.11	6.83	6.45	5.95
2.09	3.77	4.7	3.68	3.37	1.02	7.11	6.87	6.62	6.36	6.01	5.54	4.93	4.17	3.3	2.39	1.53	0.84	0.39	0.14	0.03	7.68	7.42	7.14	6.86	6.48	5.96
1.5	3.78	4.7	3.7	3.39	1.02	7.13	6.91	6.66	6.39	6.04	5.56	4.93	4.16	3.3	2.39	1.53	0.85	0.39	0.15	0.03	7.71	7.46	7.18	6.89	6.5	5.99
1.36	3.78	4.69	3.7	3.39	1.02	7.16	6.94	6.69	6.42	6.06	5.58	4.94	4.16	3.29	2.38	1.53	0.85	0.4	0.15	0.03	7.74	7.49	7.22	6.93	6.54	6.01
1.56	3.81	4.69	3.71	3.42	1.02	7.19	6.97	6.72	6.45	6.09	5.6	4.95	4.16	3.28	2.37	1.53	0.86	0.41	0.15	0.03	7.76	7.53	7.25	6.96	6.56	6.03
1.69	3.78	4.7	3.67	3.38	1.02	7.21	7	6.75	6.48	6.11	5.62	4.96	4.16	3.28	2.37	1.53	0.87	0.41	0.16	0.03	7.79	7.56	7.28	6.99	6.58	6.05
1.74	3.79	4.69	3.64	3.39	1.02	7.22	7.01	6.76	6.49	6.13	5.63	4.97	4.17	3.28	2.37	1.54	0.87	0.42	0.16	0.04	7.8	7.57	7.29	6.99	6.6	6.06
1.62	3.77	4.7	3.66	3.38	1.01	7.22	7.02	6.77	6.5	6.13	5.64	4.98	4.17	3.28	2.37	1.54	0.88	0.42	0.17	0.04	7.79	7.57	7.29	7	6.6	6.06
1.63	3.77	4.68	3.7	3.39	1.01	7.21	7.02	6.76	6.5	6.13	5.64	4.98	4.17	3.28	2.37	1.55	0.89	0.43	0.17	0.04	7.78	7.57				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.04	3.8	4.69	3.69	3.4	1.01	7.37	7.22	7	6.78	6.48	6.09	5.58	4.95	4.21	3.39	2.51	1.66	0.95	0.44	0.13	7.69	7.53	7.29	7.06	6.74	6.33
1.59	3.8	4.71	3.66	3.41	1.01	7.38	7.23	7.01	6.79	6.49	6.1	5.59	4.97	4.24	3.42	2.54	1.7	0.97	0.45	0.13	7.68	7.53	7.29	7.06	6.74	6.33
1.97	3.78	4.7	3.68	3.38	1	7.38	7.23	7.01	6.79	6.49	6.11	5.6	4.99	4.27	3.45	2.58	1.73	0.99	0.47	0.14	7.67	7.52	7.28	7.04	6.73	6.33
2.21	3.78	4.72	3.66	3.38	1	7.37	7.23	7	6.78	6.49	6.11	5.61	5	4.29	3.49	2.62	1.76	1.02	0.48	0.14	7.65	7.5	7.26	7.03	6.71	6.31
1.96	3.81	4.7	3.69	3.4	1	7.36	7.21	6.99	6.77	6.48	6.1	5.61	5.02	4.32	3.52	2.65	1.8	1.04	0.5	0.14	7.62	7.46	7.22	7	6.69	6.29
2.05	3.84	4.68	3.71	3.51	0.99	7.34	7.2	6.98	6.76	6.47	6.1	5.62	5.03	4.34	3.55	2.69	1.83	1.07	0.51	0.15	7.58	7.42	7.19	6.96	6.66	6.27
2.03	3.93	4.69	3.82	3.68	0.99	7.33	7.18	6.97	6.75	6.46	6.1	5.63	5.05	4.37	3.59	2.73	1.87	1.1	0.53	0.15	7.55	7.39	7.16	6.93	6.63	6.25
1.93	3.79	4.72	3.7	3.41	0.99	7.32	7.18	6.96	6.74	6.46	6.1	5.64	5.07	4.4	3.63	2.78	1.91	1.13	0.54	0.16	7.51	7.36	7.13	6.91	6.61	6.24
1.89	3.77	4.7	3.71	3.35	0.99	7.32	7.18	6.96	6.75	6.47	6.11	5.65	5.09	4.43	3.66	2.82	1.95	1.16	0.56	0.16	7.49	7.34	7.11	6.89	6.6	6.23
2.01	3.79	4.7	3.67	3.36	0.98	7.33	7.19	6.97	6.75	6.47	6.12	5.67	5.11	4.46	3.7	2.86	1.99	1.19	0.58	0.16	7.47	7.33	7.1	6.87	6.58	6.22
2.02	3.77	4.7	3.69	3.4	0.99	7.34	7.2	6.98	6.76	6.48	6.13	5.68	5.13	4.49	3.74	2.9	2.03	1.22	0.59	0.17	7.45	7.31	7.09	6.86	6.57	6.21
1.57	3.79	4.7	3.67	3.4	0.99	7.35	7.21	6.99	6.77	6.49	6.14	5.69	5.15	4.52	3.78	2.95	2.07	1.25	0.61	0.17	7.44	7.29	7.07	6.84	6.55	6.19
2.04	3.78	4.68	3.69	3.39	0.99	7.35	7.22	6.99	6.78	6.5	6.15	5.7	5.17	4.55	3.82	2.99	2.11	1.28	0.63	0.18	7.42	7.27	7.05	6.82	6.53	6.18
2.11	3.8	4.69	3.69	3.39	0.99	7.36	7.21	6.99	6.78	6.5	6.15	5.71	5.18	4.57	3.85	3.03	2.15	1.31	0.65	0.19	7.4	7.25	7.02	6.8	6.51	6.15
2.18	3.79	4.68	3.68	3.39	0.99	7.36	7.21	6.99	6.77	6.49	6.14	5.71	5.19	4.59	3.89	3.07	2.19	1.35	0.67	0.19	7.37	7.21	6.99	6.77	6.48	6.13
1.74	3.79	4.7	3.71	3.39	0.99	7.35	7.2	6.98	6.77	6.49	6.14	5.71	5.2	4.61	3.92	3.11	2.23	1.38	0.69	0.2	7.34	7.18	6.96	6.74	6.46	6.11
1.8	3.78	4.69	3.71	3.37	1	7.35	7.2	6.98	6.76	6.48	6.13	5.71	5.21	4.62	3.95	3.15	2.27	1.41	0.71	0.21	7.31	7.16	6.94	6.72	6.43	6.08
1.48	3.79	4.69	3.65	3.38	1	7.35	7.2	6.98	6.76	6.48	6.13	5.71	5.21	4.64	3.97	3.18	2.3	1.44	0.73	0.21	7.29	7.14	6.92	6.69	6.41	6.06
1.78	3.78	4.67	3.73	3.38	1	7.35	7.21	6.99	6.77	6.48	6.13	5.71	5.21	4.65	4	3.21	2.34	1.47	0.75	0.22	7.27	7.12	6.9	6.68	6.39	6.04
2.06	3.79	4.69	3.7	3.38	1.01	7.36	7.21	6.99	6.77	6.49	6.13	5.71	5.22	4.66	4.01	3.24	2.37	1.5	0.77	0.23	7.25	7.11	6.89	6.66	6.38	6.02
2.22	3.77	4.7	3.7	3.38	1.01	7.36	7.22	7	6.77	6.49	6.13	5.71	5.21	4.66	4.02	3.26	2.4	1.53	0.79	0.23	7.24	7.1	6.87	6.65	6.36	6
2.12	3.79	4.7	3.71	3.39	1.01	7.36	7.22	7	6.77	6.49	6.13	5.7	5.21	4.66	4.03	3.28	2.42	1.55	0.81	0.24	7.21	7.08	6.85	6.62	6.34	5.98
1.62	3.8	4.7	3.71	3.41	1.02	7.36	7.22	6.99	6.77	6.48	6.12	5.69	5.2	4.66	4.04	3.29	2.45	1.58	0.83	0.25	7.19	7.05	6.83	6.6	6.31	5.96
1.85	3.79	4.69	3.69	3.39	1.02	7.35	7.21	6.99	6.76	6.47	6.12	5.69	5.2	4.66	4.05	3.31	2.47	1.61	0.86	0.26	7.16	7.02	6.8	6.57	6.29	5.93
1.97	3.8	4.69	3.67	3.43	1.02	7.34	7.2	6.98	6.75	6.47	6.11	5.68	5.2	4.66	4.05	3.33	2.5	1.64	0.88	0.28	7.13	6.99	6.77	6.54	6.26	5.91
1.84	3.8	4.68	3.71	3.39	1.02	7.33	7.19	6.96	6.74	6.46	6.1	5.68	5.19	4.66	4.06	3.34	2.53	1.67	0.91	0.29	7.1	6.96	6.73	6.51	6.23	5.89
1.51	3.78	4.66	3.7	3.4	1.02	7.32	7.17	6.95	6.73	6.45	6.1	5.67	5.19	4.66	4.07	3.36	2.55	1.7	0.93	0.31	7.07	6.92	6.7	6.48	6.21	5.86
1.2	3.79	4.67	3.69	3.39	1.02	7.31	7.16	6.94	6.72	6.44	6.09	5.67	5.19	4.67	4.07	3.37	2.57	1.73	0.96	0.32	7.04	6.89	6.68	6.46	6.18	5.84
1.6	3.8	4.7	3.67	3.36	1.02	7.3	7.16	6.94	6.72	6.44	6.09	5.67	5.19	4.67	4.08	3.38	2.6	1.76	0.98	0.34	7.01	6.87	6.65	6.44	6.16	5.82
1.7	3.81	4.7	3.68	3.4	1.02	7.29	7.15	6.93	6.71	6.43	6.09	5.67	5.19	4.67	4.08	3.39	2.61	1.78	1.01	0.36	6.99	6.85	6.63	6.42	6.15	5.81
2.14	3.79	4.69	3.65	3.4	1.02	7.28	7.15	6.93	6.71	6.43	6.08	5.67	5.19	4.67	4.08	3.4	2.63	1.8	1.03	0.37	6.97	6.84	6.62	6.4	6.13	5.79
2.19	3.8	4.7	3.69	3.41	1.02	7.27	7.14	6.92	6.7	6.42	6.08	5.66	5.19	4.67	4.09	3.41	2.64	1.82	1.05	0.39	6.95	6.82	6.6	6.39	6.11	5.78
2.19	3.79	4.7	3.7	3.42	1.02	7.26	7.13	6.91	6.69	6.41	6.07	5.65	5.18	4.67	4.09	3.42	2.66	1.84	1.07	0.41	6.92	6.8	6.58	6.37	6.09	5.76
2.27	3.8	4.72	3.71	3.4	1.02	7.24	7.12	6.89	6.68	6.4	6.06	5.64	5.18	4.66	4.09	3.42	2.67	1.86	1.09	0.43	6.89	6.78	6.55	6.34	6.07	5.74
2.26	3.81	4.72	3.73	3.38	1.02	7.22	7.1	6.87	6.66	6.38	6.04	5.63	5.17	4.66	4.09	3.43	2.68	1.88	1.11	0.45	6.87	6.75	6.52	6.32	6.05	5.72
2.02	3.8	4.71	3.69	3.43	1.01	7.2	7.07	6.85	6.64	6.36	6.03	5.62	5.16	4.66	4.09	3.44	2.7	1.9	1.13	0.46	6.84	6.71	6.49	6.29	6.02	5.7
1.64	3.79	4.69	3.7	3.42	1.01	7.19	7.05	6.83	6.62	6.35	6.02	5.62	5.16	4.66	4.09	3.45	2.71	1.91	1.15	0.48	6.81	6.68	6.46	6.26	6	5.68
2.07	3.79	4.7	3.69	3.41	1.01	7.18	7.03	6.82	6.61	6.34	6.02	5.62	5.16	4.66	4.1	3.46	2.72	1.93	1.17	0.49	6.8	6.66	6.44	6.24	5.98	5.67
1.88	3.79	4.7	3.71	3.41	1	7.18	7.02	6.81	6.61	6.34	6.01	5.62	5.17	4.67	4.11	3.46	2.73	1.95	1.18	0.51	6.79	6.63	6.43	6.23	5.97	5.66
2.09	3.8	4.69	3.72	3.39	1	7.18	7.02	6.81	6.61	6.34	6.02	5.62	5.17	4.68	4.11	3.47	2.74	1.96	1.19	0.52	6.78	6.62	6.42	6.22	5.96	5.65
2.3	3.81	4.7	3.72	3.38	1	7.19	7.02	6.81	6.61	6.34	6.02	5.63	5.18	4.68	4.12	3.48	2.75	1.97	1.2	0.52	6.78	6.61	6.41	6.22	5.96	5.65
2.26	3.81	4.7	3.73	3.41	0.99	7.2	7.02	6.82	6.62	6.35	6.03	5.64	5.19	4.69	4.12	3.48	2.76	1.98	1.21	0.53	6.78	6.61	6.42	6.22	5.96	5.65
2.19	3.86	4.72	3.72	3.56	0.99	7.21	7.04	6.84	6.63	6.37	6.04	5.65	5.2	4.7	4.13	3.49	2.77	1.99	1.22	0.54	6.78	6.62	6.42	6.22	5.96	5.65
1.83	3.8	4.72	3.72	3.42	0.99	7.22	7.06	6.86	6.65	6.38	6.06	5.66	5.21	4.71	4.14	3.49	2.77	2	1.23	0.55	6.79	6.63	6.43	6.23	5.97	5.66
2.14	3.79	4.72	3.69	3.4	0.99	7.24	7.08	6.87	6.66	6.4	6.07	5.68	5.22	4.72	4.15	3.5	2.78	2.01	1.24	0.56	6.8	6.64	6.44	6.24	5.98	5.67
2.12	3.79	4.73	3.67	3.43	0.99	7.26	7.1	6.89	6.68	6.41	6.09	5.69	5.23	4.73	4.16	3.51	2.79	2.02	1.25	0.56	6.81	6.65	6.45	6.24	5.99	5.67
1.96	3.79	4.7	3.69	3.4	0.99	7.28	7.12	6.91	6.7	6.43	6.1	5.7	5.24	4.74	4.17	3.52	2.8	2.02	1.26	0.57	6.82	6.66	6.46	6.25	6	5.68
1.94	3.79	4.69	3.68	3.41	0.99	7.3	7.13	6.93	6.71	6.44	6.11	5.71	5.25	4.74	4.17	3.53	2.81	2.03	1.26	0.57	6.83	6.67	6.47	6.26	6	5.69
1.88	3.77	4.66	3.67	3.41	1	7.32	7.15	6.94	6.72	6.45	6.12	5.72	5.26	4.75	4.18	3.54	2.82	2.03	1.26	0.56	6.84	6.67	6.47	6.26	6.01	5.69
1.76	3.79	4.69	3.71	3.38	1	7.32	7.16	6.95	6.73	6.46	6.13	5.72	5.26	4.75	4.18	3.54	2.82	2.03	1.25	0.56	6.84	6.6				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.98	3.77	4.68	3.71	3.39	1	7.14	6.98	6.76	6.55	6.28	5.94	5.54	5.08	4.54	3.92	3.19	2.39	1.6	0.91	0.34	6.84	6.68	6.47	6.26	5.99	5.66
2.03	3.74	4.69	3.67	3.39	1	7.15	6.98	6.76	6.55	6.28	5.94	5.54	5.07	4.54	3.92	3.18	2.39	1.6	0.9	0.34	6.86	6.69	6.48	6.27	6	5.67
1.37	3.78	4.7	3.69	3.39	1	7.16	6.98	6.77	6.55	6.28	5.94	5.54	5.07	4.54	3.92	3.19	2.39	1.6	0.9	0.34	6.88	6.71	6.5	6.29	6.01	5.69
1.99	3.78	4.72	3.66	3.39	1	7.16	6.99	6.78	6.56	6.28	5.94	5.53	5.07	4.54	3.92	3.19	2.4	1.6	0.9	0.33	6.9	6.73	6.52	6.3	6.03	5.7
2.01	3.78	4.71	3.69	3.39	1.01	7.18	7	6.79	6.57	6.29	5.94	5.54	5.07	4.54	3.92	3.2	2.4	1.61	0.91	0.33	6.93	6.76	6.54	6.32	6.05	5.71
2.15	3.79	4.69	3.69	3.44	1.01	7.19	7.02	6.8	6.58	6.29	5.95	5.54	5.07	4.54	3.92	3.21	2.42	1.62	0.91	0.33	6.96	6.78	6.57	6.35	6.07	5.73
1.96	3.81	4.71	3.71	3.4	1.01	7.2	7.03	6.81	6.58	6.3	5.95	5.53	5.06	4.53	3.92	3.22	2.43	1.62	0.91	0.33	6.98	6.81	6.59	6.37	6.08	5.74
1.93	3.79	4.68	3.68	3.4	1.02	7.2	7.03	6.81	6.58	6.29	5.94	5.53	5.05	4.52	3.92	3.22	2.44	1.63	0.92	0.33	7	6.83	6.6	6.38	6.09	5.75
1.32	3.8	4.7	3.69	3.4	1.02	7.2	7.03	6.8	6.58	6.29	5.94	5.52	5.05	4.51	3.91	3.23	2.45	1.65	0.93	0.33	7.01	6.84	6.61	6.38	6.1	5.75
1.37	3.81	4.7	3.69	3.4	1.03	7.19	7.02	6.79	6.57	6.28	5.93	5.51	5.04	4.51	3.91	3.23	2.46	1.66	0.94	0.34	7.01	6.84	6.61	6.39	6.1	5.75
1.52	3.82	4.71	3.71	3.4	1.03	7.19	7.01	6.78	6.56	6.27	5.92	5.5	5.03	4.5	3.91	3.24	2.48	1.68	0.95	0.35	7.02	6.84	6.61	6.39	6.1	5.76
0.15	3.8	4.72	3.67	3.41	1.04	7.18	7	6.77	6.54	6.25	5.9	5.49	5.02	4.5	3.91	3.25	2.5	1.7	0.97	0.35	7.02	6.84	6.61	6.39	6.1	5.75
1.57	3.79	4.73	3.7	3.37	1.04	7.17	6.98	6.76	6.53	6.24	5.89	5.48	5.01	4.49	3.91	3.26	2.51	1.72	0.98	0.36	7.02	6.84	6.61	6.38	6.1	5.75
1.36	3.82	4.7	3.73	3.4	1.04	7.15	6.97	6.74	6.52	6.23	5.88	5.47	5	4.49	3.92	3.26	2.53	1.74	0.99	0.37	7.02	6.84	6.61	6.39	6.1	5.75
1.15	3.8	4.7	3.67	3.39	1.05	7.14	6.96	6.73	6.51	6.22	5.87	5.46	4.99	4.48	3.92	3.27	2.54	1.75	1.01	0.38	7.02	6.84	6.61	6.39	6.1	5.75
1.92	3.81	4.71	3.72	3.38	1.05	7.14	6.96	6.73	6.51	6.21	5.87	5.45	4.99	4.48	3.92	3.27	2.55	1.77	1.02	0.38	7.03	6.85	6.62	6.4	6.11	5.76
1.89	3.82	4.72	3.67	3.41	1.05	7.13	6.96	6.73	6.5	6.21	5.86	5.45	4.98	4.48	3.91	3.27	2.56	1.78	1.04	0.39	7.04	6.86	6.63	6.41	6.12	5.77
0.87	3.81	4.69	3.71	3.4	1.05	7.13	6.96	6.73	6.5	6.21	5.86	5.44	4.98	4.47	3.91	3.28	2.57	1.8	1.05	0.4	7.05	6.88	6.65	6.42	6.13	5.78
1.59	3.81	4.71	3.71	3.42	1.06	7.12	6.96	6.73	6.5	6.21	5.85	5.44	4.97	4.47	3.91	3.28	2.58	1.81	1.06	0.41	7.07	6.9	6.67	6.44	6.14	5.79
1.9	3.82	4.71	3.69	3.42	1.06	7.12	6.96	6.73	6.5	6.2	5.85	5.43	4.97	4.46	3.91	3.28	2.58	1.83	1.08	0.42	7.08	6.92	6.68	6.45	6.15	5.8
1.71	3.82	4.72	3.7	3.4	1.06	7.1	6.95	6.72	6.49	6.19	5.84	5.42	4.96	4.45	3.9	3.28	2.59	1.84	1.1	0.44	7.08	6.93	6.69	6.45	6.16	5.8
1.81	3.8	4.71	3.68	3.48	1.05	7.08	6.93	6.7	6.47	6.17	5.82	5.4	4.94	4.44	3.9	3.29	2.6	1.86	1.12	0.45	7.07	6.92	6.69	6.45	6.15	5.8
1.87	3.81	4.7	3.69	3.46	1.05	7.05	6.91	6.68	6.45	6.15	5.8	5.39	4.93	4.43	3.89	3.29	2.61	1.88	1.14	0.47	7.06	6.92	6.68	6.45	6.15	5.79
1.8	3.8	4.7	3.7	3.41	1.05	7.02	6.88	6.65	6.42	6.13	5.78	5.37	4.91	4.42	3.89	3.29	2.62	1.89	1.16	0.48	7.04	6.9	6.67	6.43	6.14	5.78
1.62	3.8	4.7	3.7	3.42	1.04	6.98	6.84	6.62	6.39	6.1	5.75	5.35	4.9	4.41	3.88	3.29	2.63	1.91	1.18	0.5	7.02	6.88	6.65	6.41	6.12	5.77
1.24	3.81	4.71	3.71	3.4	1.04	6.95	6.81	6.58	6.36	6.07	5.73	5.33	4.88	4.39	3.87	3.29	2.64	1.92	1.19	0.51	7	6.85	6.62	6.39	6.1	5.75
1.95	3.82	4.72	3.72	3.44	1.03	6.92	6.78	6.55	6.33	6.04	5.7	5.3	4.86	4.38	3.86	3.29	2.64	1.93	1.2	0.52	6.98	6.83	6.6	6.37	6.08	5.73
1.99	3.82	4.7	3.69	3.43	1.03	6.89	6.75	6.52	6.3	6.02	5.68	5.28	4.84	4.36	3.84	3.28	2.64	1.94	1.21	0.53	6.95	6.81	6.57	6.35	6.06	5.72
1.81	3.81	4.71	3.65	3.4	1.02	6.86	6.72	6.49	6.28	5.99	5.66	5.26	4.82	4.35	3.83	3.27	2.64	1.94	1.22	0.54	6.94	6.8	6.56	6.34	6.05	5.7
1.79	3.8	4.69	3.65	3.39	1.02	6.84	6.7	6.47	6.26	5.97	5.64	5.24	4.81	4.33	3.81	3.26	2.64	1.94	1.22	0.54	6.92	6.79	6.54	6.32	6.03	5.69
1.97	3.8	4.71	3.69	3.38	1.02	6.82	6.69	6.45	6.24	5.95	5.62	5.22	4.79	4.31	3.79	3.24	2.63	1.93	1.22	0.54	6.91	6.78	6.53	6.31	6.02	5.68
1.85	3.8	4.69	3.7	3.39	1.01	6.79	6.67	6.43	6.22	5.93	5.6	5.2	4.76	4.29	3.77	3.23	2.61	1.93	1.21	0.54	6.9	6.77	6.52	6.3	6.01	5.66
1.6	3.8	4.72	3.71	3.4	1.01	6.77	6.64	6.41	6.19	5.91	5.57	5.18	4.74	4.27	3.75	3.21	2.6	1.91	1.21	0.53	6.88	6.75	6.51	6.28	5.99	5.64
1.92	3.79	4.68	3.66	3.38	1.01	6.74	6.62	6.38	6.17	5.88	5.55	5.15	4.72	4.24	3.73	3.19	2.58	1.9	1.2	0.53	6.86	6.73	6.49	6.27	5.97	5.63
1.56	3.8	4.7	3.68	3.41	1.01	6.72	6.59	6.36	6.14	5.86	5.52	5.13	4.69	4.22	3.71	3.17	2.56	1.89	1.19	0.52	6.84	6.71	6.47	6.24	5.95	5.61
1.62	3.79	4.72	3.7	3.41	1.01	6.69	6.56	6.33	6.11	5.83	5.5	5.11	4.67	4.2	3.7	3.15	2.55	1.88	1.18	0.52	6.82	6.69	6.45	6.23	5.93	5.59
1.77	3.78	4.71	3.72	3.42	1.01	6.67	6.54	6.31	6.09	5.81	5.48	5.09	4.66	4.19	3.69	3.15	2.54	1.87	1.18	0.52	6.81	6.68	6.44	6.21	5.92	5.58
1.99	3.79	4.68	3.69	3.4	1.01	6.65	6.53	6.3	6.08	5.8	5.47	5.09	4.66	4.19	3.69	3.14	2.54	1.87	1.18	0.52	6.8	6.68	6.44	6.21	5.92	5.58
1.78	3.78	4.7	3.71	3.39	1.01	6.65	6.53	6.3	6.08	5.8	5.47	5.09	4.66	4.19	3.69	3.15	2.54	1.88	1.19	0.53	6.81	6.68	6.45	6.22	5.93	5.58
2.1	3.77	4.7	3.68	3.36	1.01	6.65	6.53	6.31	6.09	5.81	5.48	5.09	4.66	4.2	3.7	3.15	2.55	1.88	1.2	0.54	6.82	6.7	6.46	6.23	5.94	5.6
2.02	3.79	4.7	3.69	3.36	1.01	6.66	6.55	6.32	6.1	5.82	5.48	5.1	4.67	4.21	3.7	3.16	2.55	1.89	1.21	0.56	6.84	6.73	6.49	6.25	5.96	5.62
2.11	3.8	4.7	3.71	3.4	1.01	6.68	6.57	6.35	6.12	5.83	5.5	5.11	4.68	4.22	3.71	3.17	2.56	1.91	1.22	0.57	6.87	6.76	6.52	6.28	5.99	5.64
1.87	3.8	4.71	3.7	3.39	1.01	6.7	6.6	6.37	6.14	5.85	5.51	5.12	4.69	4.23	3.72	3.18	2.57	1.92	1.24	0.59	6.91	6.8	6.56	6.31	6.02	5.66
2.07	3.81	4.72	3.7	3.43	1.01	6.72	6.61	6.38	6.15	5.86	5.53	5.14	4.7	4.24	3.73	3.19	2.59	1.93	1.25	0.6	6.93	6.83	6.58	6.34	6.04	5.68
2.37	3.78	4.71	3.69	3.39	1.01	6.73	6.62	6.39	6.16	5.87	5.53	5.14	4.71	4.24	3.74	3.19	2.6	1.95	1.27	0.62	6.96	6.85	6.6	6.36	6.06	5.7
2.01	3.82	4.68	3.7	3.38	1.01	6.74	6.62	6.39	6.16	5.87	5.53	5.14	4.71	4.25	3.74	3.2	2.6	1.96	1.28	0.63	6.98	6.85	6.61	6.37	6.06	5.71
1.57	3.8	4.72	3.69	3.4	1.01	6.74	6.61	6.38	6.15	5.86	5.53	5.14	4.71	4.25	3.75	3.21	2.61	1.97	1.29	0.64	6.99	6.86	6.61	6.37	6.07	5.71
1.2	3.79	4.7	3.68	3.41	1.01	6.73	6.6	6.37	6.14	5.85	5.52	5.14	4.71	4.25	3.75	3.21	2.62	1.97	1.3	0.64	7	6.85	6.61	6.37	6.07	5.71
1.77	3.77	4.69	3.68	3.41	1.01	6.73	6.59	6.35	6.13	5.84	5.51	5.13	4.71	4.25	3.76	3.22	2.63	1.98	1.31	0.65	7	6.85	6.6	6.36	6.06	5.71
2.09	3.79	4.69	3.69	3.38	1.01	6.73	6.58	6.34	6.12	5.84	5.51	5.13	4.71	4.26	3.76	3.22	2.64	1.99	1.32	0.66	7.01	6.85				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.02	3.8	4.7	3.7	3.42	1.03	6.84	6.64	6.37	6.12	5.81	5.46	5.07	4.66	4.22	3.75	3.24	2.69	2.08	1.41	0.75	6.88	6.67	6.39	6.14	5.82	5.47
1.61	3.8	4.71	3.7	3.42	1.03	6.84	6.65	6.38	6.12	5.81	5.45	5.06	4.65	4.21	3.73	3.23	2.68	2.07	1.41	0.74	6.87	6.67	6.39	6.13	5.81	5.46
1.94	3.76	4.72	3.73	3.41	1.04	6.23	6.07	5.82	5.59	5.29	4.94	4.54	4.1	3.62	3.13	2.62	2.12	1.58	1.01	0.41	6.34	6.18	5.93	5.69	5.38	5.02
1.38	3.76	4.71	3.69	3.42	1.04	6.24	6.08	5.84	5.61	5.31	4.96	4.55	4.12	3.64	3.15	2.64	2.13	1.59	1.02	0.42	6.36	6.19	5.94	5.7	5.39	5.04
1.58	3.76	4.73	3.7	3.4	1.04	6.27	6.11	5.86	5.63	5.33	4.98	4.58	4.14	3.66	3.17	2.66	2.15	1.61	1.03	0.42	6.38	6.21	5.96	5.72	5.42	5.06
1.78	3.75	4.72	3.69	3.41	1.04	6.3	6.14	5.89	5.65	5.36	5.01	4.61	4.17	3.69	3.19	2.68	2.17	1.62	1.03	0.42	6.41	6.25	5.99	5.76	5.45	5.09
2.18	3.76	4.73	3.68	3.4	1.04	6.34	6.17	5.93	5.69	5.39	5.04	4.64	4.2	3.72	3.22	2.71	2.19	1.63	1.04	0.43	6.46	6.29	6.04	5.8	5.49	5.13
2.06	3.78	4.7	3.68	3.42	1.04	6.38	6.22	5.97	5.73	5.43	5.08	4.67	4.23	3.75	3.24	2.73	2.21	1.65	1.05	0.43	6.51	6.35	6.09	5.85	5.53	5.17
1.48	3.78	4.72	3.7	3.42	1.04	6.42	6.26	6.01	5.77	5.47	5.12	4.71	4.26	3.78	3.27	2.75	2.23	1.66	1.06	0.44	6.56	6.4	6.14	5.9	5.58	5.22
1.79	3.77	4.71	3.72	3.43	1.04	6.46	6.31	6.05	5.82	5.51	5.15	4.75	4.3	3.81	3.3	2.78	2.25	1.68	1.07	0.45	6.61	6.46	6.19	5.95	5.63	5.27
2.05	3.78	4.71	3.66	3.44	1.04	6.49	6.34	6.09	5.85	5.55	5.19	4.78	4.33	3.84	3.32	2.8	2.27	1.7	1.08	0.45	6.66	6.5	6.24	6	5.68	5.31
2.01	3.78	4.7	3.68	3.43	1.03	6.51	6.37	6.12	5.88	5.58	5.22	4.81	4.36	3.87	3.35	2.83	2.29	1.71	1.09	0.46	6.69	6.54	6.28	6.04	5.72	5.35
2.03	3.79	4.73	3.66	3.42	1.03	6.53	6.39	6.14	5.9	5.6	5.24	4.84	4.38	3.89	3.38	2.86	2.32	1.73	1.1	0.47	6.72	6.57	6.31	6.07	5.75	5.38
2.16	3.78	4.72	3.67	3.39	1.03	6.53	6.4	6.15	5.92	5.62	5.27	4.86	4.41	3.92	3.41	2.88	2.34	1.75	1.11	0.48	6.73	6.59	6.33	6.09	5.78	5.41
1.8	3.78	4.72	3.66	3.41	1.02	6.54	6.41	6.16	5.94	5.64	5.29	4.88	4.43	3.95	3.44	2.91	2.36	1.76	1.12	0.49	6.75	6.61	6.35	6.12	5.81	5.44
1.96	3.76	4.69	3.69	3.45	1.02	6.55	6.41	6.17	5.95	5.66	5.31	4.91	4.46	3.98	3.47	2.94	2.39	1.78	1.13	0.5	6.76	6.62	6.37	6.14	5.83	5.46
1.85	3.76	4.68	3.67	3.43	1.01	6.55	6.42	6.18	5.97	5.67	5.33	4.93	4.48	4	3.49	2.96	2.41	1.79	1.14	0.5	6.77	6.64	6.39	6.16	5.85	5.49
2.01	3.76	4.69	3.67	3.42	1	6.56	6.43	6.19	5.98	5.69	5.35	4.95	4.51	4.03	3.52	2.99	2.42	1.8	1.14	0.5	6.78	6.65	6.4	6.18	5.88	5.51
2.18	3.75	4.7	3.69	3.41	1	6.56	6.44	6.21	5.99	5.71	5.37	4.97	4.53	4.05	3.54	3.01	2.44	1.8	1.14	0.5	6.79	6.66	6.42	6.2	5.9	5.54
1.95	3.77	4.71	3.7	3.41	1	6.57	6.45	6.22	6.01	5.73	5.39	4.99	4.55	4.07	3.57	3.03	2.45	1.81	1.14	0.5	6.81	6.68	6.44	6.22	5.92	5.56
1.96	3.76	4.73	3.69	3.41	0.99	6.58	6.46	6.23	6.02	5.74	5.41	5.01	4.57	4.1	3.58	3.04	2.46	1.81	1.14	0.49	6.81	6.69	6.45	6.23	5.94	5.59
2.05	3.76	4.7	3.69	3.4	0.99	6.58	6.47	6.24	6.04	5.76	5.42	5.03	4.59	4.12	3.6	3.06	2.47	1.81	1.13	0.49	6.83	6.71	6.47	6.25	5.96	5.61
1.96	3.75	4.72	3.68	3.42	0.99	6.59	6.48	6.25	6.05	5.77	5.44	5.05	4.61	4.13	3.62	3.07	2.47	1.81	1.12	0.48	6.83	6.72	6.48	6.27	5.98	5.62
1.79	3.75	4.71	3.66	3.42	0.98	6.59	6.49	6.27	6.06	5.79	5.45	5.06	4.63	4.15	3.64	3.09	2.48	1.81	1.12	0.47	6.84	6.73	6.5	6.28	5.99	5.64
1.47	3.76	4.71	3.69	3.43	0.98	6.6	6.5	6.28	6.08	5.8	5.47	5.08	4.65	4.17	3.65	3.1	2.49	1.81	1.11	0.46	6.85	6.74	6.51	6.3	6.01	5.66
1.48	3.75	4.71	3.66	3.41	0.98	6.61	6.51	6.3	6.09	5.82	5.49	5.1	4.67	4.19	3.67	3.12	2.5	1.81	1.11	0.46	6.86	6.75	6.53	6.31	6.02	5.68
1.57	3.76	4.72	3.68	3.44	0.98	6.62	6.52	6.31	6.11	5.84	5.51	5.12	4.69	4.21	3.69	3.14	2.51	1.82	1.11	0.45	6.87	6.77	6.54	6.33	6.04	5.7
1.66	3.77	4.72	3.67	3.43	0.97	6.64	6.54	6.33	6.13	5.86	5.54	5.15	4.71	4.24	3.72	3.16	2.53	1.83	1.11	0.45	6.89	6.78	6.56	6.35	6.06	5.72
2.1	3.75	4.72	3.67	3.42	0.97	6.67	6.57	6.36	6.16	5.89	5.57	5.18	4.74	4.26	3.74	3.18	2.55	1.84	1.11	0.45	6.91	6.81	6.59	6.37	6.09	5.75
2.06	3.75	4.68	3.66	3.47	0.97	6.7	6.6	6.39	6.19	5.92	5.6	5.21	4.77	4.29	3.77	3.21	2.57	1.85	1.12	0.45	6.94	6.84	6.62	6.4	6.12	5.78
1.91	3.78	4.71	3.66	3.47	0.97	6.74	6.64	6.43	6.23	5.96	5.64	5.25	4.81	4.33	3.8	3.24	2.59	1.86	1.13	0.46	6.97	6.87	6.65	6.44	6.15	5.81
2.05	3.75	4.71	3.64	3.44	0.97	6.78	6.69	6.48	6.27	6	5.68	5.29	4.84	4.36	3.84	3.27	2.61	1.88	1.13	0.46	7.01	6.91	6.69	6.47	6.19	5.85
1.49	3.76	4.7	3.64	3.43	0.97	6.82	6.73	6.52	6.32	6.05	5.72	5.33	4.88	4.4	3.87	3.3	2.63	1.89	1.14	0.46	7.05	6.95	6.73	6.51	6.23	5.89
1.82	3.74	4.72	3.61	3.44	0.97	6.88	6.79	6.57	6.37	6.09	5.77	5.37	4.92	4.44	3.9	3.33	2.66	1.91	1.15	0.47	7.09	6.99	6.77	6.55	6.27	5.92
1.76	3.77	4.71	3.65	3.44	0.97	6.93	6.84	6.63	6.42	6.14	5.82	5.42	4.96	4.47	3.94	3.36	2.68	1.92	1.16	0.47	7.13	7.04	6.81	6.6	6.31	5.96
2.04	3.76	4.7	3.67	3.4	0.97	6.98	6.9	6.68	6.47	6.19	5.86	5.46	5.01	4.51	3.97	3.39	2.7	1.94	1.17	0.48	7.17	7.08	6.85	6.63	6.34	6
1.96	3.76	4.73	3.67	3.42	0.97	7.04	6.95	6.73	6.52	6.25	5.91	5.51	5.05	4.55	4.01	3.42	2.73	1.95	1.18	0.49	7.21	7.11	6.89	6.67	6.38	6.03
2.02	3.77	4.72	3.64	3.43	0.97	7.1	7.01	6.79	6.58	6.3	5.96	5.55	5.09	4.59	4.05	3.45	2.75	1.97	1.19	0.5	7.24	7.14	6.92	6.7	6.41	6.06
2.11	3.77	4.71	3.66	3.43	0.98	7.16	7.06	6.84	6.63	6.34	6.01	5.6	5.14	4.63	4.08	3.48	2.77	1.99	1.2	0.51	7.28	7.17	6.95	6.73	6.44	6.09
1.54	3.78	4.7	3.63	3.43	0.98	7.22	7.11	6.89	6.67	6.39	6.05	5.64	5.18	4.67	4.12	3.51	2.8	2	1.21	0.52	7.31	7.2	6.97	6.75	6.47	6.12
1.94	3.77	4.72	3.62	3.43	0.98	7.28	7.16	6.93	6.72	6.44	6.1	5.69	5.22	4.71	4.15	3.54	2.82	2.02	1.22	0.52	7.34	7.22	6.99	6.78	6.49	6.14
1.79	3.75	4.71	3.68	3.43	0.99	7.33	7.2	6.98	6.77	6.49	6.14	5.73	5.26	4.75	4.19	3.56	2.84	2.03	1.23	0.52	7.38	7.24	7.02	6.8	6.51	6.16
1.73	3.76	4.72	3.66	3.42	1	7.39	7.25	7.03	6.82	6.53	6.19	5.77	5.3	4.79	4.22	3.59	2.85	2.03	1.23	0.52	7.41	7.27	7.05	6.83	6.54	6.19
1.44	3.78	4.73	3.69	3.39	1	7.45	7.31	7.08	6.87	6.58	6.23	5.81	5.34	4.82	4.25	3.61	2.87	2.04	1.22	0.52	7.44	7.3	7.07	6.85	6.56	6.21
1.39	3.76	4.71	3.68	3.41	1.01	7.5	7.36	7.13	6.91	6.62	6.27	5.85	5.37	4.85	4.27	3.62	2.87	2.03	1.21	0.51	7.47	7.33	7.1	6.88	6.59	6.24
1.92	3.76	4.72	3.63	3.42	1.02	7.54	7.41	7.18	6.96	6.67	6.31	5.89	5.4	4.87	4.29	3.64	2.87	2.02	1.2	0.5	7.51	7.37	7.13	6.91	6.62	6.27
2.05	3.77	4.72	3.65	3.46	1.03	7.59	7.46	7.22	7	6.71	6.35	5.92	5.43	4.9	4.31	3.65	2.87	2.01	1.19	0.49	7.53	7.4	7.16	6.94	6.65	6.29
2.12	3.77	4.7	3.68	3.45	1.04	7.62	7.5	7.26	7.04	6.74	6.38	5.95	5.45	4.91	4.32	3.65	2.86	2	1.17	0.47	7.56	7.43	7.19	6.97	6.67	6.31
1.86	3.82	4.72	3.77	3.55	1.05	7.65	7.53	7.29	7.07	6.77	6.4	5.96	5.47	4.92	4.33	3.65	2.85	1.98	1.14	0.45	7.57	7.45	7.21	6.99	6.69	6.32
1.77	3.8	4.72	3.67	3.45	1.05	7.67	7.56	7.31	7.09	6.79	6.42	5.98	5.48	4.93												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.92	3.74	4.7	3.69	3.4	0.95	8	7.9	7.69	7.48	7.2	6.86	6.43	5.91	5.29	4.52	3.57	2.53	1.54	0.77	0.27	7.95	7.85	7.62	7.4	7.11	6.76
2.05	3.77	4.71	3.68	3.43	0.95	8.03	7.93	7.71	7.51	7.22	6.88	6.45	5.93	5.3	4.52	3.56	2.51	1.52	0.76	0.27	7.97	7.87	7.64	7.42	7.13	6.78
2.05	3.78	4.72	3.7	3.41	0.95	8.06	7.96	7.75	7.54	7.25	6.91	6.47	5.95	5.31	4.52	3.56	2.49	1.5	0.74	0.26	8	7.89	7.66	7.44	7.14	6.79
2.33	3.76	4.71	3.69	3.41	0.96	8.11	8.01	7.79	7.57	7.29	6.94	6.5	5.97	5.32	4.52	3.54	2.48	1.48	0.73	0.26	8.03	7.92	7.69	7.46	7.17	6.81
2.37	3.76	4.73	3.7	3.44	0.96	8.15	8.05	7.83	7.61	7.33	6.97	6.53	5.99	5.33	4.52	3.53	2.46	1.46	0.72	0.25	8.07	7.96	7.72	7.49	7.2	6.84
1.45	3.75	4.73	3.69	3.43	0.96	8.2	8.1	7.88	7.66	7.37	7.01	6.56	6.01	5.34	4.51	3.52	2.43	1.44	0.7	0.24	8.1	7.99	7.76	7.53	7.22	6.86
1.6	3.76	4.72	3.68	3.43	0.97	8.25	8.14	7.92	7.7	7.41	7.04	6.59	6.03	5.35	4.51	3.5	2.41	1.42	0.68	0.23	8.14	8.03	7.79	7.56	7.25	6.89
1.24	3.77	4.72	3.68	3.42	0.97	8.3	8.18	7.96	7.74	7.44	7.08	6.62	6.06	5.36	4.51	3.49	2.39	1.4	0.67	0.23	8.18	8.06	7.82	7.59	7.28	6.91
1.15	3.75	4.71	3.69	3.39	0.98	8.34	8.22	8	7.77	7.48	7.11	6.65	6.08	5.37	4.5	3.47	2.36	1.37	0.65	0.22	8.22	8.09	7.85	7.62	7.31	6.94
1.95	3.76	4.74	3.67	3.4	0.98	8.37	8.25	8.03	7.81	7.51	7.14	6.67	6.1	5.38	4.5	3.45	2.33	1.35	0.64	0.21	8.25	8.13	7.89	7.65	7.34	6.97
2.26	3.77	4.73	3.68	3.43	0.99	8.4	8.28	8.06	7.83	7.53	7.16	6.7	6.11	5.38	4.49	3.43	2.3	1.32	0.62	0.2	8.28	8.15	7.91	7.68	7.36	6.99
1.82	3.76	4.72	3.67	3.43	0.99	8.42	8.31	8.08	7.85	7.55	7.18	6.71	6.12	5.39	4.48	3.4	2.27	1.29	0.6	0.2	8.3	8.18	7.94	7.7	7.39	7.01
1.86	3.75	4.73	3.65	3.44	0.99	8.44	8.33	8.1	7.88	7.57	7.2	6.73	6.13	5.39	4.46	3.38	2.24	1.26	0.58	0.19	8.33	8.21	7.97	7.73	7.41	7.03
1.77	3.77	4.7	3.7	3.42	1	8.44	8.34	8.11	7.88	7.58	7.21	6.73	6.13	5.38	4.45	3.35	2.21	1.23	0.57	0.18	8.34	8.23	7.98	7.75	7.43	7.05
1.74	3.79	4.72	3.67	3.41	1	8.44	8.34	8.11	7.89	7.59	7.21	6.73	6.13	5.37	4.42	3.31	2.17	1.2	0.55	0.18	8.35	8.24	8	7.76	7.45	7.06
1.49	3.75	4.7	3.69	3.45	1	8.43	8.33	8.1	7.88	7.58	7.21	6.73	6.12	5.36	4.4	3.28	2.13	1.17	0.53	0.17	8.36	8.25	8.01	7.77	7.45	7.07
1.96	3.76	4.71	3.69	3.43	1.01	8.42	8.32	8.09	7.87	7.57	7.2	6.71	6.1	5.33	4.36	3.24	2.09	1.13	0.51	0.16	8.36	8.26	8.01	7.77	7.46	7.07
1.98	3.78	4.71	3.68	3.39	1.01	8.4	8.3	8.07	7.85	7.56	7.18	6.7	6.08	5.3	4.33	3.2	2.05	1.1	0.49	0.16	8.37	8.26	8.01	7.77	7.46	7.07
1.57	3.77	4.73	3.67	3.43	1.01	8.39	8.29	8.05	7.83	7.54	7.16	6.68	6.06	5.27	4.29	3.15	2.01	1.07	0.47	0.15	8.38	8.27	8.02	7.78	7.47	7.08
2	3.79	4.7	3.66	3.42	1.01	8.37	8.26	8.03	7.81	7.52	7.14	6.65	6.03	5.24	4.25	3.11	1.96	1.03	0.45	0.15	8.38	8.27	8.02	7.78	7.47	7.08
1.94	3.78	4.72	3.65	3.41	1.01	8.35	8.24	8.01	7.79	7.49	7.12	6.62	5.99	5.2	4.2	3.06	1.92	1	0.43	0.14	8.39	8.27	8.02	7.78	7.47	7.07
1.8	3.78	4.7	3.66	3.42	1.01	8.33	8.22	7.98	7.76	7.47	7.09	6.59	5.96	5.15	4.15	3.01	1.87	0.97	0.42	0.13	8.4	8.27	8.02	7.78	7.47	7.07
1.13	3.77	4.71	3.7	3.42	1.01	8.31	8.19	7.96	7.73	7.44	7.06	6.56	5.92	5.11	4.1	2.95	1.82	0.93	0.4	0.13	8.41	8.28	8.02	7.78	7.46	7.07
2.19	3.77	4.71	3.69	3.42	1.01	8.29	8.17	7.93	7.71	7.41	7.03	6.52	5.87	5.06	4.04	2.89	1.76	0.9	0.38	0.12	8.41	8.28	8.02	7.78	7.47	7.06
2.24	3.77	4.7	3.69	3.44	1.01	8.27	8.14	7.9	7.68	7.38	7	6.49	5.83	5	3.97	2.82	1.71	0.86	0.36	0.11	8.42	8.28	8.02	7.78	7.46	7.06
2.2	3.79	4.72	3.67	3.4	1.01	8.24	8.12	7.88	7.65	7.36	6.97	6.45	5.78	4.94	3.9	2.75	1.65	0.83	0.34	0.1	8.43	8.29	8.03	7.79	7.47	7.06
2.16	3.77	4.73	3.66	3.38	1.01	8.22	8.1	7.86	7.64	7.34	6.94	6.41	5.73	4.88	3.83	2.68	1.6	0.79	0.32	0.1	8.45	8.32	8.05	7.81	7.48	7.06
2.1	3.77	4.71	3.69	3.43	1.01	8.2	8.08	7.84	7.61	7.31	6.91	6.37	5.67	4.8	3.75	2.6	1.54	0.76	0.3	0.09	8.46	8.33	8.06	7.82	7.49	7.06
2.1	3.77	4.69	3.69	3.44	1.02	8.17	8.06	7.81	7.59	7.28	6.87	6.32	5.61	4.72	3.66	2.51	1.47	0.72	0.29	0.09	8.47	8.35	8.08	7.83	7.5	7.06
1.8	3.77	4.7	3.7	3.44	1.02	8.14	8.04	7.79	7.56	7.25	6.83	6.27	5.53	4.63	3.56	2.42	1.41	0.69	0.27	0.08	8.49	8.37	8.1	7.85	7.51	7.06
1.87	3.77	4.69	3.72	3.42	1.02	8.11	8.01	7.76	7.53	7.22	6.79	6.21	5.45	4.53	3.45	2.33	1.34	0.65	0.25	0.07	8.5	8.39	8.12	7.86	7.52	7.06
1.98	3.78	4.68	3.67	3.41	1.02	8.08	7.99	7.74	7.5	7.18	6.74	6.14	5.37	4.42	3.34	2.23	1.28	0.62	0.24	0.07	8.51	8.41	8.14	7.88	7.52	7.05
2.09	3.78	4.68	3.67	3.42	1.02	8.04	7.95	7.7	7.46	7.14	6.68	6.07	5.27	4.31	3.22	2.13	1.21	0.58	0.22	0.06	8.53	8.43	8.15	7.88	7.52	7.03
2.05	3.77	4.72	3.68	3.42	1.02	8	7.91	7.66	7.42	7.08	6.62	5.99	5.17	4.19	3.1	2.04	1.15	0.55	0.21	0.05	8.53	8.43	8.15	7.88	7.51	7.01
1.91	3.76	4.7	3.7	3.44	1.02	7.96	7.86	7.61	7.37	7.02	6.55	5.9	5.06	4.07	2.99	1.94	1.09	0.52	0.19	0.05	8.54	8.43	8.15	7.87	7.49	6.97
1.29	3.77	4.72	3.7	3.42	1.02	7.91	7.8	7.55	7.3	6.95	6.47	5.81	4.95	3.95	2.87	1.85	1.03	0.49	0.18	0.04	8.53	8.41	8.13	7.85	7.46	6.93
1.78	3.77	4.7	3.7	3.39	1.02	7.85	7.73	7.48	7.23	6.88	6.38	5.7	4.83	3.82	2.76	1.77	0.98	0.46	0.17	0.04	8.51	8.38	8.1	7.82	7.42	6.88
1.83	3.76	4.68	3.7	3.41	1.01	7.79	7.66	7.41	7.16	6.79	6.29	5.6	4.72	3.7	2.65	1.69	0.93	0.43	0.16	0.04	8.49	8.35	8.07	7.78	7.37	6.82
1.76	3.78	4.69	3.69	3.43	1.01	7.72	7.59	7.34	7.08	6.71	6.2	5.5	4.61	3.59	2.55	1.61	0.88	0.41	0.15	0.03	8.46	8.31	8.03	7.74	7.32	6.75
1.93	3.74	4.71	3.67	3.42	1.01	7.66	7.52	7.26	7.01	6.63	6.12	5.4	4.5	3.48	2.45	1.54	0.84	0.38	0.14	0.03	8.44	8.28	7.99	7.7	7.27	6.69
1.8	3.76	4.69	3.68	3.4	1.01	7.6	7.45	7.2	6.94	6.55	6.03	5.3	4.39	3.38	2.36	1.47	0.79	0.36	0.13	0.03	8.42	8.25	7.96	7.66	7.23	6.64
1.74	3.74	4.7	3.71	3.41	1	7.55	7.4	7.14	6.88	6.48	5.95	5.21	4.29	3.28	2.27	1.4	0.75	0.34	0.12	0.02	8.4	8.23	7.94	7.64	7.19	6.58
1.86	3.76	4.69	3.71	3.41	1	7.5	7.35	7.09	6.82	6.42	5.88	5.13	4.2	3.18	2.19	1.34	0.71	0.32	0.11	0.02	8.39	8.22	7.92	7.61	7.15	6.54
1.6	3.74	4.71	3.69	3.39	1	7.46	7.3	7.04	6.77	6.36	5.81	5.05	4.11	3.09	2.11	1.28	0.67	0.3	0.1	0.02	8.38	8.2	7.9	7.59	7.12	6.49
1.62	3.76	4.7	3.7	3.41	1	7.42	7.26	7	6.72	6.31	5.75	4.97	4.02	3.01	2.03	1.22	0.64	0.28	0.09	0.02	8.37	8.19	7.89	7.57	7.09	6.45
2	3.77	4.7	3.71	3.4	1	7.38	7.22	6.96	6.67	6.25	5.68	4.89	3.94	2.92	1.96	1.17	0.61	0.27	0.08	0.01	8.36	8.18	7.87	7.54	7.05	6.4
2.25	3.77	4.7	3.72	3.41	1	7.34	7.18	6.91	6.62	6.2	5.61	4.82	3.86	2.85	1.9	1.12	0.58	0.26	0.08	0.01	8.35	8.15	7.85	7.51	7.01	6.34
2.08	3.77	4.7	3.69	3.42	1	7.31	7.14	6.87	6.57	6.14	5.55	4.74	3.78	2.77	1.84	1.08	0.56	0.24	0.08	0.01	8.33	8.13	7.82	7.48	6.97	6.28
2.18	3.77	4.69	3.7	3.39	1	7.28	7.1	6.83	6.53	6.08	5.48	4.66	3.7	2.7	1.78	1.04	0.53	0.23	0.07	0.01	8.31	8.1	7.79	7.44	6.92	6.22
2.09	3.76	4.7	3.69	3.39	1.01	7.25	7.06	6.79	6.48	6.03	5.41	4.58	3.62	2.63	1.73	1	0.51	0.22	0.07	0.01	8.3	8.08	7			

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.62	3.75	4.72	3.69	3.39	1.03	6.73	6.3	5.82	5.23	4.4	3.39	2.3	1.38	0.75	0.39	0.19	0.09	0.05	0.02	0.01	7.48	7	6.45	5.78	4.85	3.71
1.97	3.73	4.71	3.68	3.39	1.03	6.71	6.26	5.76	5.16	4.32	3.31	2.23	1.33	0.72	0.37	0.18	0.09	0.04	0.02	0.01	7.41	6.9	6.34	5.66	4.72	3.59
2.11	3.74	4.69	3.68	3.41	1.03	6.68	6.21	5.68	5.06	4.21	3.21	2.15	1.28	0.69	0.35	0.17	0.08	0.04	0.02	0.01	7.32	6.78	6.2	5.5	4.56	3.45
2.16	3.76	4.69	3.69	3.41	1.03	6.66	6.14	5.58	4.94	4.09	3.09	2.07	1.22	0.66	0.33	0.16	0.08	0.04	0.02	0.009	7.23	6.65	6.03	5.32	4.38	3.3
2.25	3.75	4.7	3.65	3.41	1.03	6.64	6.06	5.47	4.81	3.94	2.96	1.98	1.17	0.63	0.32	0.16	0.08	0.04	0.02	0.009	7.14	6.51	5.86	5.13	4.19	3.13
1.99	3.76	4.68	3.69	3.39	1.03	6.62	5.99	5.36	4.67	3.8	2.83	1.89	1.12	0.6	0.31	0.15	0.08	0.04	0.02	0.009	7.06	6.37	5.69	4.94	4	2.97
1.57	3.74	4.72	3.7	3.39	1.03	6.61	5.92	5.26	4.54	3.65	2.7	1.79	1.06	0.58	0.3	0.15	0.07	0.04	0.01	0.008	6.98	6.24	5.52	4.76	3.81	2.81
1.58	3.77	4.69	3.64	3.39	1.03	6.61	5.87	5.17	4.42	3.52	2.58	1.71	1.02	0.55	0.28	0.14	0.07	0.03	0.01	0.008	6.91	6.12	5.37	4.59	3.64	2.66
1.84	3.77	4.7	3.61	3.39	1.04	6.62	5.84	5.11	4.33	3.41	2.48	1.63	0.97	0.53	0.27	0.14	0.07	0.03	0.01	0.007	6.86	6.03	5.26	4.45	3.49	2.53
1.98	3.75	4.69	3.65	3.41	1.04	6.65	5.84	5.07	4.27	3.33	2.39	1.56	0.92	0.51	0.26	0.13	0.06	0.03	0.01	0.006	6.82	5.97	5.17	4.35	3.38	2.42
1.98	3.75	4.71	3.69	3.43	1.04	6.69	5.86	5.08	4.25	3.28	2.33	1.51	0.89	0.48	0.25	0.12	0.06	0.03	0.01	0.005	6.8	5.94	5.13	4.28	3.3	2.34
2.03	3.76	4.69	3.69	3.42	1.04	6.76	5.92	5.12	4.27	3.27	2.3	1.47	0.86	0.47	0.24	0.12	0.06	0.02	0.01	0.005	6.8	5.94	5.12	4.26	3.26	2.29
1.77	3.74	4.7	3.67	3.41	1.05	6.82	5.99	5.18	4.31	3.28	2.28	1.44	0.83	0.45	0.23	0.11	0.05	0.02	0.01	0.004	6.81	5.95	5.13	4.26	3.24	2.25
1.88	3.76	4.72	3.66	3.41	1.05	6.9	6.07	5.26	4.37	3.31	2.28	1.41	0.81	0.43	0.22	0.11	0.05	0.02	0.01	0.003	6.82	5.98	5.16	4.28	3.24	2.23
2.34	3.77	4.71	3.67	3.41	1.05	6.97	6.16	5.34	4.44	3.35	2.29	1.4	0.79	0.42	0.21	0.1	0.05	0.02	0.01	0.003	6.83	6.02	5.2	4.31	3.25	2.22
2.4	3.73	4.69	3.69	3.38	1.06	7.04	6.25	5.42	4.5	3.39	2.3	1.39	0.77	0.4	0.2	0.1	0.05	0.02	0.008	0.002	6.84	6.05	5.24	4.34	3.27	2.22
1.99	3.77	4.68	3.7	3.41	1.06	7.1	6.32	5.49	4.56	3.42	2.3	1.38	0.75	0.39	0.19	0.09	0.04	0.02	0.007	0.002	6.85	6.07	5.26	4.36	3.27	2.21
2.01	3.76	4.69	3.67	3.42	1.06	7.15	6.37	5.54	4.6	3.44	2.3	1.36	0.74	0.38	0.19	0.09	0.04	0.01	0.006	0.002	6.85	6.08	5.26	4.36	3.26	2.19
1.88	3.77	4.71	3.69	3.43	1.06	7.19	6.41	5.56	4.61	3.44	2.29	1.34	0.72	0.36	0.18	0.09	0.04	0.01	0.006	0.002	6.84	6.06	5.25	4.34	3.24	2.16
1.78	3.77	4.69	3.7	3.4	1.07	7.22	6.41	5.55	4.59	3.41	2.26	1.32	0.7	0.35	0.17	0.08	0.04	0.01	0.005	0.002	6.82	6.02	5.2	4.29	3.19	2.13
1.52	3.76	4.68	3.69	3.39	1.07	7.24	6.39	5.51	4.54	3.36	2.22	1.29	0.68	0.34	0.17	0.08	0.04	0.01	0.004	0.002	6.79	5.96	5.13	4.21	3.13	2.08
2.05	3.77	4.68	3.69	3.43	1.07	7.24	6.34	5.44	4.45	3.29	2.16	1.25	0.66	0.33	0.16	0.08	0.03	0.01	0.004	0.002	6.74	5.87	5.02	4.11	3.04	2.01
2.09	3.76	4.68	3.68	3.43	1.07	7.23	6.26	5.34	4.35	3.19	2.09	1.21	0.64	0.32	0.16	0.08	0.03	0.01	0.004	0.002	6.69	5.76	4.9	3.99	2.93	1.94
1.8	3.77	4.7	3.69	3.43	1.07	7.2	6.17	5.22	4.21	3.08	2.01	1.17	0.62	0.31	0.15	0.07	0.03	0.01	0.004	0.001	6.63	5.64	4.76	3.85	2.81	1.86
1.6	3.81	4.71	3.75	3.52	1.07	7.18	6.06	5.08	4.07	2.95	1.93	1.12	0.6	0.3	0.15	0.07	0.03	0.01	0.004	0.001	6.56	5.51	4.6	3.69	2.69	1.77
1.87	3.76	4.69	3.69	3.47	1.06	7.15	5.95	4.94	3.92	2.82	1.84	1.07	0.57	0.3	0.15	0.07	0.03	0.01	0.005	0.001	6.5	5.38	4.45	3.54	2.56	1.68
1.92	3.75	4.7	3.7	3.42	1.06	7.13	5.85	4.8	3.78	2.69	1.75	1.02	0.55	0.29	0.15	0.07	0.03	0.01	0.006	0.001	6.44	5.25	4.31	3.39	2.43	1.6
1.9	3.78	4.71	3.7	3.41	1.06	7.12	5.76	4.69	3.64	2.57	1.67	0.98	0.53	0.28	0.15	0.07	0.03	0.01	0.007	0.001	6.4	5.15	4.18	3.26	2.32	1.52
1.37	3.79	4.7	3.71	3.4	1.06	7.13	5.7	4.6	3.54	2.47	1.59	0.93	0.51	0.28	0.15	0.07	0.03	0.01	0.01	0.003	6.37	5.07	4.08	3.15	2.22	1.44
1.76	3.75	4.7	3.7	3.41	1.06	7.16	5.67	4.53	3.45	2.38	1.52	0.89	0.5	0.27	0.15	0.08	0.04	0.02	0.01	0.004	6.37	5.01	4.01	3.06	2.13	1.37
2.23	4.1	4.71	3.91	3.9	1.06	7.21	5.67	4.5	3.39	2.31	1.46	0.85	0.48	0.27	0.15	0.08	0.04	0.02	0.01	0.006	6.38	4.98	3.96	2.99	2.06	1.32
2.15	3.92	4.7	3.77	3.64	1.06	7.27	5.69	4.5	3.36	2.26	1.41	0.82	0.46	0.26	0.15	0.08	0.04	0.03	0.01	0.008	6.4	4.98	3.94	2.95	2.01	1.27
2.01	3.79	4.68	3.7	3.41	1.06	7.34	5.74	4.52	3.35	2.22	1.37	0.79	0.45	0.25	0.15	0.08	0.05	0.03	0.01	0.009	6.44	5	3.94	2.93	1.97	1.23
2.13	3.77	4.71	3.73	3.44	1.06	7.42	5.8	4.57	3.36	2.2	1.33	0.76	0.43	0.25	0.14	0.08	0.05	0.03	0.01	0.009	6.48	5.03	3.96	2.93	1.94	1.19
2.01	3.77	4.73	3.72	3.44	1.06	7.49	5.88	4.62	3.38	2.19	1.3	0.73	0.41	0.24	0.14	0.08	0.04	0.02	0.01	0.008	6.51	5.07	3.99	2.93	1.92	1.16
2.17	3.79	4.71	3.7	3.45	1.07	7.57	5.97	4.69	3.42	2.19	1.28	0.71	0.39	0.22	0.13	0.08	0.04	0.02	0.01	0.006	6.55	5.12	4.02	2.95	1.91	1.14
1.9	3.8	4.7	3.67	3.45	1.07	7.64	6.05	4.76	3.46	2.19	1.26	0.69	0.38	0.21	0.12	0.07	0.04	0.02	0.01	0.004	6.59	5.17	4.07	2.97	1.91	1.12
1.72	3.8	4.69	3.7	3.42	1.07	7.71	6.14	4.83	3.5	2.19	1.24	0.67	0.37	0.21	0.12	0.07	0.04	0.01	0.008	0.003	6.62	5.22	4.11	2.99	1.9	1.1
1.55	3.77	4.71	3.68	3.4	1.07	7.77	6.22	4.9	3.53	2.19	1.23	0.65	0.36	0.2	0.11	0.06	0.03	0.01	0.006	0.003	6.65	5.27	4.14	3.01	1.9	1.08
1.49	3.78	4.71	3.7	3.41	1.07	7.81	6.28	4.95	3.55	2.19	1.21	0.64	0.35	0.19	0.11	0.06	0.03	0.01	0.005	0.003	6.67	5.3	4.17	3.01	1.89	1.07
2.04	3.8	4.7	3.7	3.42	1.07	7.84	6.33	4.98	3.56	2.18	1.2	0.62	0.34	0.19	0.11	0.06	0.03	0.01	0.006	0.004	6.67	5.32	4.18	3.01	1.87	1.05
1.96	3.78	4.73	3.68	3.45	1.07	7.84	6.35	4.98	3.56	2.16	1.18	0.61	0.33	0.18	0.1	0.06	0.03	0.01	0.006	0.004	6.64	5.31	4.17	2.99	1.85	1.03
1.87	3.77	4.71	3.66	3.43	1.06	7.83	6.34	4.97	3.53	2.14	1.16	0.6	0.33	0.18	0.1	0.06	0.04	0.01	0.008	0.005	6.6	5.28	4.13	2.96	1.82	1.01
2.12	3.78	4.71	3.71	3.42	1.06	7.79	6.3	4.93	3.49	2.11	1.14	0.59	0.32	0.18	0.11	0.06	0.04	0.02	0.01	0.006	6.54	5.23	4.08	2.91	1.79	0.99
1.95	3.74	4.7	3.72	3.45	1.05	7.75	6.25	4.87	3.44	2.07	1.12	0.58	0.32	0.18	0.11	0.07	0.04	0.02	0.01	0.008	6.47	5.16	4.02	2.86	1.75	0.97
1.95	3.76	4.71	3.71	3.44	1.04	7.7	6.18	4.79	3.37	2.03	1.1	0.57	0.31	0.18	0.11	0.07	0.05	0.02	0.01	0.009	6.39	5.07	3.94	2.79	1.71	0.95
1.81	3.77	4.72	3.66	3.42	1.04	7.65	6.09	4.71	3.3	1.98	1.07	0.56	0.31	0.18	0.11	0.07	0.05	0.03	0.01	0.009	6.32	4.98	3.85	2.72	1.67	0.93
2.12	3.76	4.73	3.68	3.42	1.03	7.6	6.01	4.62	3.22	1.93	1.05	0.55	0.31	0.18	0.11	0.08	0.05	0.03	0.02	0.01	6.25	4.89	3.76	2.65	1.62	0.9
1.93	3.77	4.71	3.7	3.43	1.02	7.58	5.93	4.53	3.15	1.88	1.02	0.54	0.3	0.18	0.11	0.08	0.05	0.03	0.02	0.01	6.19	4.8	3.67	2.58	1.58	0.88
2.06	3.74	4.7	3.71	3.41	1.02	7.5																				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.05	3.8	4.75	3.7	3.47	1.07	7.75	5.65	4.12	2.77	1.59	0.8	0.38	0.19	0.11	0.07	0.05	0.04	0.02	0.01	0.006	6.75	4.87	3.56	2.42	1.41	0.73
2.08	3.81	4.75	3.75	3.46	1.06	7.62	5.53	4.03	2.72	1.57	0.81	0.38	0.2	0.12	0.08	0.06	0.04	0.03	0.01	0.007	6.68	4.8	3.51	2.39	1.4	0.73
1.58	3.78	4.75	3.72	3.42	1.06	7.5	5.41	3.95	2.67	1.56	0.81	0.39	0.2	0.12	0.08	0.06	0.04	0.03	0.02	0.009	6.62	4.74	3.46	2.37	1.4	0.74
1.75	3.78	4.73	3.7	3.44	1.05	7.39	5.32	3.88	2.64	1.55	0.81	0.39	0.21	0.13	0.09	0.07	0.05	0.03	0.02	0.01	6.57	4.69	3.43	2.35	1.4	0.74
1.6	3.79	4.76	3.69	3.47	1.05	7.28	5.24	3.83	2.61	1.54	0.81	0.39	0.21	0.13	0.09	0.07	0.05	0.03	0.02	0.01	6.54	4.67	3.42	2.35	1.4	0.75
1.71	3.8	4.75	3.69	3.44	1.05	7.19	5.19	3.8	2.6	1.54	0.81	0.4	0.21	0.13	0.09	0.08	0.05	0.04	0.02	0.01	6.52	4.67	3.43	2.36	1.41	0.75
1.13	3.8	4.76	3.71	3.44	1.05	7.11	5.15	3.79	2.6	1.54	0.81	0.4	0.21	0.13	0.09	0.08	0.05	0.04	0.02	0.01	6.52	4.69	3.45	2.38	1.42	0.76
1.9	3.79	4.73	3.72	3.45	1.04	7.05	5.14	3.79	2.6	1.55	0.81	0.4	0.21	0.13	0.09	0.08	0.05	0.04	0.02	0.01	6.54	4.73	3.49	2.41	1.44	0.77
2.04	3.81	4.76	3.7	3.44	1.04	7	5.14	3.81	2.62	1.56	0.82	0.4	0.21	0.13	0.09	0.08	0.05	0.04	0.02	0.01	6.56	4.79	3.54	2.44	1.46	0.78
1.88	3.76	4.76	3.71	3.41	1.04	6.95	5.15	3.83	2.64	1.57	0.82	0.4	0.21	0.13	0.09	0.07	0.05	0.04	0.02	0.01	6.6	4.85	3.6	2.49	1.48	0.78
1.7	3.76	4.73	3.71	3.46	1.03	6.91	5.16	3.85	2.66	1.58	0.82	0.4	0.21	0.13	0.09	0.07	0.05	0.04	0.02	0.01	6.63	4.91	3.66	2.53	1.51	0.79
1.92	3.76	4.73	3.71	3.44	1.03	6.86	5.16	3.87	2.67	1.58	0.82	0.4	0.21	0.13	0.09	0.07	0.05	0.04	0.02	0.01	6.66	4.97	3.72	2.57	1.53	0.8
1.99	3.77	4.73	3.69	3.4	1.02	6.81	5.16	3.88	2.69	1.59	0.82	0.4	0.21	0.13	0.09	0.07	0.05	0.03	0.02	0.01	6.68	5.02	3.77	2.61	1.55	0.8
1.2	3.77	4.72	3.7	3.42	1.02	6.75	5.14	3.88	2.69	1.59	0.82	0.4	0.2	0.13	0.08	0.06	0.05	0.03	0.02	0.01	6.69	5.06	3.81	2.64	1.56	0.81
1.65	3.77	4.75	3.69	3.42	1.01	6.68	5.11	3.87	2.69	1.59	0.82	0.39	0.2	0.12	0.08	0.06	0.04	0.03	0.02	0.01	6.7	5.08	3.84	2.66	1.57	0.81
1.84	3.76	4.75	3.68	3.43	1.01	6.61	5.07	3.85	2.68	1.58	0.82	0.39	0.2	0.12	0.08	0.06	0.04	0.03	0.02	0.01	6.69	5.09	3.85	2.67	1.58	0.81
2.06	3.76	4.72	3.71	3.4	1.01	6.54	5.02	3.82	2.66	1.58	0.81	0.39	0.2	0.12	0.08	0.05	0.04	0.02	0.01	0.009	6.68	5.09	3.86	2.68	1.58	0.82
1.68	3.78	4.73	3.69	3.41	1.01	6.47	4.96	3.78	2.64	1.57	0.81	0.39	0.2	0.12	0.07	0.05	0.03	0.02	0.01	0.008	6.66	5.08	3.85	2.68	1.59	0.82
2.14	3.77	4.75	3.67	3.42	1.01	6.41	4.9	3.74	2.62	1.56	0.81	0.39	0.2	0.11	0.07	0.05	0.03	0.02	0.01	0.006	6.65	5.06	3.85	2.68	1.59	0.82
2.15	3.77	4.73	3.69	3.4	1.01	6.34	4.85	3.71	2.61	1.56	0.81	0.39	0.2	0.11	0.07	0.05	0.03	0.02	0.01	0.005	6.63	5.05	3.84	2.69	1.6	0.83
1.76	3.78	4.73	3.67	3.4	1.01	6.29	4.8	3.68	2.59	1.56	0.82	0.39	0.2	0.11	0.07	0.05	0.03	0.02	0.01	0.005	6.62	5.04	3.84	2.69	1.61	0.84
1.48	3.76	4.73	3.66	3.37	1.01	6.24	4.77	3.66	2.59	1.57	0.83	0.4	0.2	0.11	0.07	0.05	0.03	0.01	0.01	0.004	6.62	5.03	3.84	2.7	1.63	0.85
1.59	3.77	4.72	3.71	3.39	1.02	6.2	4.74	3.65	2.59	1.58	0.84	0.41	0.21	0.12	0.07	0.04	0.03	0.01	0.01	0.004	6.61	5.04	3.86	2.73	1.65	0.87
1.78	3.78	4.73	3.7	3.41	1.02	6.16	4.73	3.66	2.6	1.6	0.85	0.42	0.21	0.12	0.07	0.04	0.03	0.01	0.01	0.003	6.62	5.06	3.89	2.76	1.68	0.89
2.08	3.76	4.71	3.7	3.42	1.03	6.13	4.73	3.67	2.63	1.62	0.87	0.43	0.22	0.12	0.07	0.04	0.03	0.01	0.01	0.003	6.63	5.1	3.94	2.8	1.71	0.91
2.06	3.79	4.72	3.68	3.41	1.04	6.11	4.75	3.71	2.67	1.66	0.9	0.44	0.22	0.12	0.07	0.04	0.03	0.01	0.01	0.003	6.65	5.15	4	2.86	1.76	0.95
1.58	3.78	4.73	3.68	3.41	1.05	6.1	4.78	3.75	2.72	1.7	0.93	0.46	0.23	0.13	0.07	0.04	0.03	0.01	0.009	0.003	6.68	5.22	4.08	2.94	1.82	0.98
2.09	3.75	4.71	3.66	3.4	1.06	6.09	4.81	3.8	2.77	1.75	0.96	0.48	0.24	0.13	0.07	0.04	0.03	0.01	0.008	0.003	6.72	5.29	4.16	3.01	1.88	1.02
1.97	3.75	4.73	3.69	3.42	1.07	6.09	4.85	3.85	2.83	1.8	1	0.5	0.25	0.13	0.08	0.04	0.03	0.01	0.008	0.003	6.76	5.37	4.24	3.1	1.95	1.07
1.91	3.77	4.72	3.68	3.42	1.07	6.08	4.88	3.9	2.89	1.85	1.03	0.51	0.26	0.14	0.08	0.04	0.03	0.01	0.008	0.003	6.78	5.44	4.33	3.18	2.02	1.11
1.84	3.77	4.74	3.72	3.44	1.08	6.07	4.91	3.94	2.94	1.9	1.07	0.53	0.26	0.14	0.08	0.04	0.03	0.01	0.007	0.003	6.81	5.5	4.4	3.26	2.08	1.15
2.08	3.77	4.68	3.69	3.42	1.08	6.06	4.93	3.98	2.99	1.94	1.1	0.54	0.27	0.14	0.08	0.04	0.02	0.01	0.006	0.002	6.83	5.55	4.46	3.33	2.14	1.19
2.32	3.77	4.71	3.69	3.45	1.09	6.04	4.94	4	3.02	1.98	1.12	0.56	0.27	0.14	0.07	0.04	0.02	0.01	0.005	0.002	6.84	5.58	4.51	3.38	2.19	1.22
2.19	3.79	4.71	3.7	3.45	1.09	6.02	4.94	4.02	3.05	2.02	1.15	0.57	0.28	0.14	0.07	0.04	0.02	0.01	0.005	0.002	6.85	5.61	4.54	3.43	2.24	1.26
1.76	3.78	4.73	3.69	3.43	1.09	6	4.93	4.03	3.08	2.04	1.17	0.59	0.28	0.14	0.07	0.04	0.02	0.01	0.004	0.001	6.85	5.62	4.57	3.47	2.28	1.29
1.12	3.76	4.72	3.66	3.42	1.09	5.97	4.92	4.03	3.09	2.07	1.19	0.6	0.29	0.14	0.07	0.04	0.02	0.01	0.004	0.001	6.85	5.63	4.59	3.5	2.31	1.31
2.15	3.76	4.69	3.69	3.42	1.09	5.95	4.91	4.03	3.1	2.08	1.21	0.61	0.29	0.14	0.07	0.04	0.02	0.01	0.004	0.001	6.84	5.63	4.6	3.52	2.34	1.34
2.15	3.75	4.73	3.68	3.4	1.09	5.93	4.89	4.02	3.1	2.09	1.23	0.62	0.3	0.15	0.08	0.04	0.02	0.01	0.005	0.001	6.83	5.62	4.6	3.53	2.35	1.35
1.96	3.78	4.73	3.68	3.42	1.09	5.92	4.87	4	3.1	2.1	1.24	0.63	0.31	0.15	0.08	0.04	0.02	0.01	0.005	0	6.82	5.6	4.59	3.52	2.36	1.37
1.93	3.78	4.72	3.64	3.42	1.09	5.9	4.84	3.98	3.08	2.09	1.24	0.64	0.31	0.15	0.08	0.04	0.02	0.01	0.005	0	6.81	5.58	4.57	3.51	2.36	1.37
1.96	3.76	4.72	3.69	3.45	1.08	5.87	4.81	3.95	3.06	2.08	1.24	0.65	0.32	0.16	0.08	0.04	0.02	0.01	0.004	0	6.78	5.54	4.53	3.48	2.35	1.38
2	3.77	4.71	3.66	3.44	1.08	5.85	4.78	3.92	3.03	2.07	1.24	0.65	0.33	0.16	0.08	0.04	0.02	0.01	0.004	0	6.75	5.5	4.49	3.45	2.33	1.38
2.02	3.78	4.72	3.67	3.44	1.08	5.82	4.74	3.88	3	2.06	1.24	0.66	0.33	0.17	0.09	0.05	0.02	0.01	0.005	0.001	6.7	5.45	4.44	3.41	2.31	1.37
1.96	3.79	4.73	3.67	3.43	1.08	5.79	4.71	3.84	2.97	2.04	1.24	0.67	0.35	0.18	0.09	0.05	0.02	0.01	0.005	0.001	6.66	5.4	4.39	3.37	2.28	1.37
2.21	3.79	4.71	3.65	3.41	1.07	5.76	4.68	3.81	2.94	2.03	1.24	0.68	0.36	0.19	0.1	0.05	0.02	0.01	0.005	0.001	6.6	5.35	4.33	3.33	2.26	1.37
2.22	3.76	4.72	3.68	3.41	1.07	5.74	4.65	3.78	2.92	2.02	1.25	0.69	0.37	0.2	0.1	0.05	0.02	0.01	0.006	0.002	6.56	5.3	4.28	3.29	2.25	1.37
1.8	3.74	4.68	3.7	3.39	1.07	5.71	4.62	3.75	2.91	2.02	1.26	0.71	0.39	0.21	0.11	0.06	0.03	0.01	0.007	0.003	6.51	5.25	4.24	3.26	2.24	1.38
2.06	3.75	4.72	3.68	3.4	1.07	5.69	4.61	3.74	2.9	2.02	1.28	0.73	0.41	0.22	0.12	0.06	0.03	0.01	0.008	0.003	6.46	5.21	4.21	3.25	2.24	1.39
2.1	3.77	4.7	3.63	3.44	1.06	5.67	4.6	3.74	2.91	2.04	1.3	0.76	0.43	0.24	0.13	0.07	0.03	0.02	0.009	0.003	6.42	5.19	4.2	3.24	2.25	1.42
1.33	3.78	4.71	3.66	3.43	1.06	5.66	4.61	3.75	2.93	2.																

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.78	3.72	4.71	3.66	3.39	1.05	6.04	5.41	4.97	4.5	3.89	3.17	2.39	1.65	1.03	0.57	0.27	0.11	0.04	0.02	0.01	6.37	5.7	5.23	4.73	4.07	3.31
1.9	3.72	4.72	3.67	3.39	1.05	6.03	5.43	5.01	4.56	3.97	3.27	2.49	1.74	1.1	0.61	0.29	0.12	0.04	0.02	0.009	6.37	5.73	5.28	4.81	4.17	3.43
2.22	3.75	4.71	3.67	3.44	1.05	6.02	5.45	5.04	4.63	4.06	3.38	2.6	1.83	1.17	0.66	0.31	0.13	0.04	0.01	0.007	6.38	5.76	5.33	4.88	4.27	3.54
1.89	3.74	4.72	3.66	3.43	1.05	6.01	5.47	5.08	4.69	4.14	3.48	2.71	1.93	1.25	0.7	0.33	0.13	0.05	0.01	0.005	6.38	5.8	5.38	4.96	4.37	3.66
1.65	3.76	4.69	3.67	3.42	1.05	6	5.5	5.12	4.75	4.23	3.58	2.81	2.03	1.32	0.75	0.36	0.14	0.05	0.01	0.002	6.38	5.84	5.43	5.03	4.47	3.77
1.73	3.77	4.7	3.68	3.43	1.04	5.99	5.52	5.16	4.8	4.3	3.68	2.92	2.13	1.4	0.81	0.39	0.15	0.05	0.01	0	6.38	5.88	5.48	5.1	4.56	3.88
0.76	3.77	4.71	3.68	3.45	1.04	5.98	5.54	5.2	4.86	4.38	3.77	3.02	2.23	1.49	0.86	0.42	0.17	0.05	0.01	0.001	6.39	5.91	5.53	5.17	4.65	3.99
1.86	3.76	4.7	3.67	3.48	1.04	5.98	5.56	5.23	4.9	4.44	3.85	3.12	2.33	1.57	0.92	0.45	0.18	0.06	0.01	0.001	6.39	5.93	5.57	5.22	4.72	4.08
2.21	3.76	4.72	3.64	3.47	1.04	5.98	5.57	5.25	4.94	4.5	3.93	3.21	2.42	1.65	0.98	0.49	0.2	0.06	0.01	0.002	6.39	5.94	5.59	5.26	4.78	4.16
2.33	3.75	4.72	3.69	3.44	1.03	5.97	5.56	5.26	4.96	4.54	3.99	3.29	2.51	1.73	1.04	0.52	0.21	0.07	0.01	0.002	6.37	5.93	5.6	5.27	4.82	4.23
2.03	3.76	4.69	3.64	3.4	1.03	5.96	5.55	5.26	4.97	4.57	4.04	3.36	2.59	1.81	1.1	0.56	0.23	0.07	0.01	0.003	6.36	5.91	5.59	5.28	4.85	4.28
2.03	3.77	4.69	3.63	3.42	1.02	5.95	5.53	5.26	4.98	4.59	4.09	3.43	2.66	1.88	1.16	0.6	0.25	0.08	0.02	0.004	6.33	5.87	5.57	5.27	4.86	4.31
2.05	3.76	4.7	3.65	3.43	1.02	5.95	5.51	5.25	4.98	4.61	4.12	3.48	2.74	1.95	1.22	0.64	0.27	0.09	0.02	0.005	6.3	5.83	5.54	5.26	4.86	4.34
1.81	3.73	4.72	3.64	3.39	1.02	5.94	5.49	5.23	4.97	4.62	4.15	3.53	2.8	2.02	1.28	0.68	0.29	0.09	0.02	0.006	6.27	5.79	5.51	5.23	4.86	4.36
1.94	3.72	4.72	3.67	3.39	1.01	5.94	5.48	5.23	4.97	4.63	4.18	3.58	2.87	2.09	1.34	0.72	0.31	0.1	0.03	0.007	6.24	5.75	5.48	5.21	4.85	4.37
1.48	3.74	4.71	3.69	3.4	1.01	5.94	5.47	5.22	4.98	4.65	4.22	3.64	2.93	2.16	1.4	0.76	0.34	0.11	0.03	0.009	6.22	5.72	5.45	5.2	4.85	4.39
1.59	3.75	4.73	3.67	3.41	1.01	5.95	5.47	5.23	4.99	4.67	4.25	3.69	3	2.23	1.47	0.81	0.36	0.12	0.03	0.01	6.2	5.69	5.44	5.19	4.85	4.41
1.66	3.74	4.71	3.65	3.4	1.02	5.97	5.48	5.24	5.01	4.7	4.29	3.74	3.06	2.3	1.52	0.85	0.38	0.13	0.04	0.01	6.19	5.68	5.43	5.18	4.86	4.43
1.81	3.77	4.7	3.66	3.41	1.02	5.99	5.5	5.26	5.03	4.73	4.33	3.79	3.12	2.36	1.58	0.89	0.4	0.14	0.04	0.01	6.19	5.67	5.42	5.18	4.87	4.45
2.03	3.76	4.71	3.68	3.44	1.02	6	5.52	5.28	5.05	4.75	4.36	3.84	3.18	2.42	1.63	0.92	0.42	0.15	0.04	0.01	6.18	5.67	5.42	5.19	4.88	4.47
2.15	3.73	4.72	3.67	3.43	1.03	6.02	5.54	5.3	5.08	4.78	4.4	3.88	3.23	2.16	1.48	0.96	0.45	0.16	0.05	0.01	6.18	5.67	5.42	5.19	4.89	4.49
1.55	3.74	4.73	3.67	3.41	1.03	6.03	5.55	5.32	5.09	4.8	4.43	3.92	3.27	2.53	1.73	1	0.47	0.18	0.05	0.01	6.17	5.67	5.42	5.19	4.9	4.5
1.98	3.74	4.72	3.68	3.42	1.04	6.03	5.56	5.32	5.1	4.82	4.45	3.95	3.31	2.57	1.77	1.03	0.49	0.19	0.06	0.01	6.15	5.66	5.41	5.19	4.89	4.51
2.09	3.73	4.72	3.67	3.43	1.04	6.02	5.56	5.32	5.1	4.82	4.46	3.97	3.34	2.6	1.81	1.07	0.51	0.2	0.06	0.01	6.12	5.64	5.39	5.17	4.88	4.51
1.84	3.75	4.73	3.68	3.45	1.04	6	5.55	5.31	5.1	4.82	4.46	3.98	3.36	2.63	1.84	1.1	0.53	0.21	0.07	0.01	6.08	5.61	5.37	5.15	4.87	4.5
1.63	3.76	4.72	3.66	3.43	1.04	5.99	5.54	5.3	5.09	4.82	4.47	3.99	3.38	2.66	1.88	1.13	0.55	0.22	0.07	0.01	6.05	5.59	5.35	5.13	4.85	4.49
2.12	3.77	4.7	3.65	3.42	1.04	5.97	5.53	5.29	5.08	4.81	4.47	4	3.39	2.68	1.9	1.16	0.57	0.23	0.08	0.01	6.02	5.57	5.32	5.11	4.84	4.48
1.85	3.76	4.73	3.66	3.4	1.03	5.95	5.52	5.28	5.07	4.8	4.46	3.99	3.4	2.7	1.92	1.18	0.59	0.24	0.08	0.01	5.98	5.54	5.29	5.08	4.81	4.47
1.5	3.76	4.69	3.7	3.39	1.03	5.94	5.51	5.27	5.06	4.79	4.46	4	3.41	2.71	1.94	1.2	0.61	0.25	0.08	0.01	5.96	5.52	5.27	5.06	4.79	4.45
2.07	3.76	4.72	3.7	3.37	1.03	5.94	5.5	5.26	5.05	4.79	4.45	3.99	3.41	2.72	1.96	1.22	0.63	0.26	0.09	0.01	5.94	5.49	5.24	5.03	4.77	4.43
1.76	3.75	4.72	3.68	3.38	1.02	5.93	5.49	5.24	5.03	4.77	4.44	3.99	3.42	2.73	1.97	1.24	0.65	0.27	0.1	0.02	5.92	5.46	5.21	5	4.74	4.41
1.99	3.76	4.72	3.66	3.41	1.01	5.92	5.47	5.23	5.02	4.76	4.43	3.98	3.42	2.74	1.99	1.26	0.66	0.28	0.1	0.02	5.89	5.43	5.18	4.97	4.71	4.39
2.25	3.75	4.68	3.68	3.41	1.01	5.91	5.45	5.21	5	4.75	4.42	3.98	3.42	2.74	2	1.28	0.68	0.3	0.11	0.02	5.86	5.39	5.15	4.94	4.69	4.36
1.93	3.74	4.69	3.68	3.44	1	5.9	5.43	5.19	4.98	4.73	4.41	3.97	3.41	2.75	2.01	1.29	0.7	0.31	0.11	0.02	5.83	5.36	5.12	4.91	4.66	4.34
1.58	3.75	4.71	3.69	3.45	0.99	5.89	5.41	5.18	4.97	4.72	4.4	3.96	3.41	2.75	2.02	1.3	0.71	0.31	0.11	0.02	5.81	5.33	5.09	4.89	4.64	4.32
1.67	3.75	4.75	3.65	3.41	0.99	5.88	5.41	5.17	4.97	4.72	4.39	3.96	3.41	2.75	2.02	1.31	0.72	0.32	0.12	0.02	5.79	5.31	5.07	4.87	4.62	4.3
1.24	3.72	4.72	3.67	3.41	0.99	5.88	5.42	5.18	4.98	4.72	4.4	3.96	3.41	2.75	2.03	1.32	0.73	0.32	0.12	0.02	5.78	5.31	5.07	4.87	4.62	4.3
1.99	3.74	4.72	3.67	3.39	0.98	5.89	5.44	5.19	4.99	4.74	4.41	3.97	3.41	2.76	2.03	1.32	0.73	0.33	0.12	0.03	5.78	5.32	5.07	4.88	4.62	4.3
1.85	3.74	4.73	3.65	3.4	0.98	5.91	5.46	5.21	5	4.75	4.42	3.98	3.42	2.76	2.04	1.33	0.73	0.33	0.12	0.03	5.78	5.33	5.08	4.88	4.63	4.3
2.06	3.79	4.73	3.66	3.43	0.98	5.93	5.48	5.22	5.02	4.76	4.42	3.98	3.42	2.76	2.04	1.33	0.74	0.33	0.12	0.03	5.8	5.35	5.09	4.89	4.63	4.3
1.99	3.77	4.72	3.68	3.43	0.97	5.95	5.49	5.23	5.03	4.76	4.43	3.99	3.42	2.76	2.04	1.33	0.74	0.34	0.12	0.03	5.81	5.35	5.09	4.89	4.63	4.3
2.38	3.78	4.71	3.66	3.47	0.97	5.96	5.49	5.23	5.03	4.76	4.43	3.99	3.42	2.76	2.04	1.34	0.75	0.34	0.12	0.03	5.82	5.34	5.08	4.88	4.62	4.3
2.14	3.78	4.72	3.65	3.45	0.97	5.98	5.48	5.22	5.02	4.76	4.42	3.98	3.42	2.77	2.05	1.34	0.75	0.34	0.12	0.03	5.83	5.33	5.07	4.87	4.61	4.29
2.14	3.77	4.72	3.67	3.42	0.97	6	5.47	5.21	5.01	4.75	4.42	3.98	3.42	2.77	2.05	1.35	0.76	0.34	0.12	0.03	5.83	5.31	5.05	4.85	4.59	4.27
1.09	3.75	4.72	3.66	3.4	0.97	6.01	5.46	5.2	5	4.74	4.41	3.97	3.42	2.77	2.06	1.35	0.76	0.34	0.13	0.03	5.83	5.29	5.03	4.83	4.58	4.25
1.59	3.74	4.72	3.69	3.39	0.97	6.04	5.46	5.2	4.99	4.74	4.41	3.97	3.43	2.78	2.07	1.36	0.77	0.34	0.13	0.03	5.84	5.27	5.01	4.82	4.56	4.24
1.95	3.72	4.7	3.65	3.38	0.97	6.07	5.47	5.21	5	4.74	4.41	3.98	3.43	2.79	2.08	1.37	0.77	0.35	0.13	0.03	5.86	5.27	5.01	4.81	4.56	4.24
1.95	3.71	4.72	3.65	3.37	0.97	6.12	5.5	5.23	5.02	4.76	4.43	3.99	3.45	2.8	2.08	1.37	0.77	0.35	0.13	0.03	5.89	5.28	5.02	4.82	4.56	4.24
1.8	3.74	4.73	3.64	3.38	0.97	6.16	5.53	5.25	5.04	4.78	4.45	4.01	3.46	2.81	2.09	1.38	0.78	0.35	0.13	0.03	5.92	5.3	5.03	4.83	4.57	4.25
1.93	3.77	4.72	3.66	3.4	0.97	6.21	5.56	5.28	5.07	4.8	4.47	4.03	3.48													

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.37	3.75	4.74	3.66	3.41	0.97	6.02	5.4	5.1	4.89	4.64	4.33	3.96	3.49	2.94	2.3	1.63	1.01	0.53	0.23	0.07	6.03	5.4	5.09	4.87	4.62	4.31
1.73	3.76	4.71	3.64	3.4	0.97	6.01	5.39	5.09	4.88	4.63	4.33	3.96	3.49	2.94	2.31	1.64	1.01	0.53	0.23	0.07	6.02	5.38	5.08	4.87	4.61	4.31
1.4	3.73	4.71	3.67	3.41	0.97	6	5.38	5.08	4.87	4.62	4.32	3.95	3.49	2.94	2.31	1.64	1.02	0.53	0.23	0.07	6.01	5.37	5.07	4.86	4.61	4.31
1.28	3.75	4.72	3.64	3.42	0.96	5.99	5.37	5.08	4.87	4.62	4.32	3.96	3.5	2.95	2.32	1.65	1.02	0.53	0.23	0.07	6.01	5.37	5.07	4.86	4.61	4.31
1.87	3.73	4.71	3.67	3.41	0.96	6	5.38	5.09	4.88	4.63	4.33	3.96	3.5	2.96	2.33	1.65	1.02	0.54	0.23	0.07	6.01	5.38	5.08	4.87	4.61	4.31
1.95	3.72	4.71	3.66	3.4	0.97	6	5.39	5.1	4.89	4.63	4.34	3.97	3.51	2.97	2.33	1.66	1.03	0.54	0.23	0.07	6.02	5.39	5.09	4.88	4.62	4.32
0.53	3.73	4.69	3.66	3.39	0.97	6.01	5.4	5.11	4.9	4.64	4.35	3.98	3.52	2.98	2.34	1.66	1.03	0.55	0.24	0.07	6.03	5.41	5.11	4.9	4.64	4.33
1.66	3.74	4.73	3.65	3.39	0.97	6.01	5.41	5.12	4.91	4.65	4.35	3.99	3.53	2.99	2.35	1.67	1.04	0.55	0.24	0.07	6.03	5.42	5.12	4.91	4.65	4.34
2.07	3.74	4.73	3.71	3.42	0.97	6	5.41	5.12	4.91	4.65	4.35	3.99	3.54	3	2.36	1.68	1.05	0.56	0.24	0.07	6.03	5.42	5.13	4.91	4.65	4.35
1.97	3.77	4.72	3.69	3.44	0.97	5.98	5.41	5.12	4.91	4.65	4.35	3.99	3.54	3	2.37	1.69	1.05	0.56	0.24	0.07	6.02	5.42	5.12	4.91	4.65	4.35
1.62	3.78	4.72	3.67	3.43	0.97	5.96	5.39	5.1	4.89	4.64	4.35	3.98	3.54	3.01	2.38	1.7	1.06	0.57	0.25	0.07	6	5.41	5.11	4.9	4.64	4.35
1.99	3.76	4.74	3.67	3.4	0.97	5.94	5.38	5.09	4.88	4.63	4.34	3.98	3.54	3.01	2.38	1.71	1.07	0.58	0.25	0.08	5.98	5.39	5.1	4.89	4.64	4.34
1.83	3.73	4.72	3.68	3.35	0.98	5.93	5.36	5.08	4.87	4.62	4.33	3.98	3.54	3.01	2.39	1.72	1.08	0.58	0.26	0.08	5.97	5.39	5.1	4.88	4.63	4.34
1.2	3.74	4.71	3.68	3.35	0.98	5.92	5.36	5.08	4.87	4.62	4.33	3.97	3.54	3.02	2.4	1.73	1.1	0.59	0.26	0.08	5.97	5.38	5.1	4.88	4.63	4.34
1.7	3.74	4.69	3.67	3.35	0.98	5.93	5.36	5.08	4.87	4.62	4.33	3.98	3.55	3.02	2.41	1.75	1.11	0.6	0.27	0.08	5.98	5.39	5.1	4.89	4.64	4.34
1.8	3.75	4.72	3.68	3.41	0.98	5.96	5.37	5.09	4.88	4.63	4.34	3.98	3.55	3.03	2.42	1.76	1.12	0.61	0.27	0.08	6.01	5.41	5.12	4.9	4.65	4.35
2.06	3.73	4.73	3.69	3.42	0.99	5.99	5.38	5.1	4.89	4.64	4.34	3.99	3.56	3.04	2.43	1.77	1.13	0.62	0.28	0.09	6.06	5.43	5.14	4.92	4.67	4.37
2.09	3.75	4.72	3.68	3.43	0.99	6.02	5.4	5.11	4.9	4.65	4.35	3.99	3.56	3.05	2.44	1.78	1.14	0.63	0.28	0.09	6.1	5.46	5.16	4.95	4.69	4.38
2.07	3.74	4.71	3.68	3.46	1	6.04	5.4	5.12	4.9	4.65	4.35	3.99	3.56	3.05	2.45	1.8	1.15	0.63	0.29	0.09	6.15	5.49	5.19	4.97	4.71	4.4
2.26	3.78	4.71	3.63	3.42	1	6.05	5.4	5.12	4.9	4.65	4.34	3.99	3.56	3.06	2.46	1.81	1.17	0.64	0.29	0.09	6.19	5.51	5.22	4.99	4.73	4.42
2.35	3.76	4.7	3.66	3.41	1.01	6.05	5.39	5.11	4.89	4.64	4.34	3.98	3.56	3.06	2.47	1.82	1.18	0.65	0.3	0.1	6.22	5.53	5.24	5.02	4.75	4.44
2.01	3.76	4.71	3.68	3.41	1.02	6.04	5.38	5.1	4.89	4.63	4.33	3.98	3.56	3.06	2.48	1.83	1.18	0.65	0.3	0.1	6.26	5.56	5.27	5.05	4.78	4.46
1.9	3.78	4.74	3.68	3.4	1.04	6.03	5.37	5.1	4.88	4.62	4.32	3.97	3.55	3.06	2.48	1.83	1.19	0.66	0.3	0.1	6.3	5.6	5.31	5.08	4.81	4.5
1.8	3.77	4.71	3.68	3.37	1.05	6.01	5.37	5.1	4.88	4.62	4.32	3.97	3.55	3.06	2.48	1.84	1.2	0.67	0.31	0.1	6.34	5.65	5.36	5.13	4.86	4.53
1.45	3.77	4.74	3.68	3.4	1.06	6	5.37	5.1	4.88	4.62	4.32	3.96	3.55	3.06	2.49	1.85	1.2	0.67	0.31	0.1	6.39	5.71	5.42	5.18	4.91	4.58
1.51	3.78	4.74	3.69	3.41	1.07	5.99	5.38	5.1	4.88	4.62	4.32	3.96	3.55	3.06	2.49	1.85	1.21	0.67	0.31	0.1	6.46	5.79	5.49	5.25	4.97	4.63
2.18	3.78	4.74	3.71	3.43	1.08	5.98	5.38	5.11	4.88	4.62	4.32	3.96	3.54	3.06	2.48	1.85	1.21	0.68	0.31	0.1	6.52	5.86	5.56	5.31	5.03	4.68
2.07	3.8	4.73	3.71	3.43	1.08	5.97	5.38	5.11	4.88	4.62	4.31	3.95	3.54	3.05	2.49	1.86	1.22	0.68	0.32	0.11	6.59	5.94	5.63	5.37	5.08	4.74
1.92	3.78	4.71	3.7	3.45	1.09	5.95	5.37	5.1	4.87	4.61	4.3	3.94	3.53	3.05	2.48	1.86	1.22	0.69	0.32	0.11	6.65	5.99	5.68	5.42	5.12	4.77
2.02	3.8	4.73	3.71	3.44	1.09	5.93	5.35	5.08	4.85	4.59	4.28	3.92	3.51	3.04	2.48	1.86	1.23	0.7	0.32	0.11	6.69	6.03	5.72	5.45	5.16	4.81
1.85	3.76	4.74	3.7	3.43	1.09	5.89	5.31	5.04	4.81	4.56	4.25	3.9	3.5	3.03	2.48	1.87	1.24	0.7	0.33	0.11	6.72	6.05	5.74	5.47	5.18	4.82
1.99	3.79	4.72	3.69	3.44	1.09	5.85	5.27	5	4.77	4.52	4.22	3.87	3.48	3.02	2.48	1.87	1.25	0.71	0.33	0.12	6.73	6.06	5.75	5.49	5.19	4.84
1.83	3.75	4.74	3.68	3.43	1.09	5.79	5.22	4.95	4.73	4.48	4.19	3.85	3.46	3.01	2.47	1.87	1.25	0.71	0.34	0.12	6.73	6.06	5.75	5.49	5.19	4.84
2.09	3.76	4.74	3.66	3.42	1.09	5.74	5.17	4.91	4.7	4.45	4.16	3.82	3.44	3	2.47	1.88	1.26	0.72	0.34	0.12	6.73	6.06	5.75	5.49	5.2	4.85
2.03	3.76	4.71	3.67	3.41	1.09	5.68	5.13	4.88	4.67	4.42	4.13	3.8	3.42	2.99	2.47	1.88	1.26	0.72	0.34	0.12	6.72	6.06	5.76	5.5	5.2	4.86
1.58	3.75	4.73	3.64	3.4	1.08	5.64	5.11	4.85	4.64	4.4	4.11	3.78	3.41	2.98	2.47	1.88	1.27	0.72	0.34	0.12	6.72	6.08	5.77	5.52	5.22	4.87
1.73	3.76	4.7	3.68	3.39	1.08	5.6	5.09	4.83	4.63	4.38	4.1	3.77	3.4	2.98	2.47	1.88	1.27	0.73	0.34	0.12	6.72	6.09	5.79	5.54	5.24	4.88
1.96	3.78	4.71	3.72	3.45	1.07	5.56	5.07	4.82	4.62	4.37	4.09	3.76	3.39	2.97	2.46	1.88	1.26	0.72	0.34	0.12	6.71	6.11	5.8	5.55	5.25	4.9
2.18	3.8	4.7	3.68	3.45	1.07	5.52	5.05	4.81	4.61	4.36	4.08	3.75	3.38	2.96	2.46	1.87	1.26	0.72	0.34	0.12	6.7	6.12	5.81	5.57	5.26	4.91
2.22	3.76	4.72	3.7	3.46	1.06	5.49	5.03	4.79	4.59	4.35	4.07	3.74	3.37	2.95	2.45	1.87	1.25	0.72	0.34	0.12	6.67	6.11	5.81	5.56	5.26	4.9
2.02	3.78	4.74	3.69	3.43	1.06	5.45	5.01	4.77	4.57	4.33	4.05	3.72	3.36	2.95	2.45	1.86	1.25	0.71	0.34	0.12	6.64	6.1	5.79	5.55	5.25	4.89
1.93	3.79	4.73	3.67	3.43	1.05	5.41	4.98	4.74	4.55	4.31	4.03	3.71	3.35	2.94	2.44	1.86	1.24	0.71	0.33	0.11	6.6	6.07	5.77	5.53	5.23	4.88
2.28	3.77	4.73	3.69	3.47	1.04	5.37	4.96	4.72	4.53	4.29	4.02	3.7	3.34	2.93	2.43	1.85	1.24	0.7	0.33	0.11	6.56	6.04	5.75	5.51	5.21	4.87
1.88	3.75	4.7	3.67	3.39	1.03	5.34	4.93	4.7	4.51	4.28	4.01	3.69	3.33	2.92	2.43	1.85	1.23	0.69	0.33	0.11	6.52	6.01	5.72	5.48	5.19	4.85
1.36	3.72	4.68	3.64	3.38	1.02	5.32	4.92	4.69	4.5	4.27	4	3.68	3.33	2.92	2.42	1.84	1.23	0.69	0.32	0.11	6.48	5.99	5.7	5.47	5.18	4.83
1.98	3.71	4.71	3.65	3.33	1.02	5.31	4.92	4.69	4.5	4.27	4	3.68	3.33	2.92	2.42	1.83	1.22	0.68	0.32	0.11	6.46	5.98	5.69	5.46	5.17	4.83
1.66	3.72	4.69	3.67	3.35	1.02	5.31	4.93	4.7	4.51	4.28	4	3.68	3.33	2.91	2.41	1.83	1.21	0.68	0.32	0.11	6.44	5.97	5.68	5.45	5.16	4.82
1.17	3.72	4.7	3.67	3.39	1.01	5.33	4.95	4.71	4.52	4.29	4.01	3.69	3.33	2.91	2.41	1.82	1.21	0.68	0.32	0.1	6.43	5.97	5.68	5.45	5.15	4.81
1.25	3.73	4.72	3.68	3.43	1.01	5.35	4.97	4.73	4.54	4.3	4.02	3.7	3.33	2.91	2.41	1.81	1.2	0.67	0.31	0.1	6.43	5.97	5.68	5.44	5.15	4.8
1.83	3.81	4.73	3.68	3.49	1.01	5.38	4.99	4.75	4.56	4.32	4.03	3.71	3.34	2.91	2.4	1.8	1.2									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.68	3.73	4.71	3.69	3.4	0.98	6.06	5.52	5.25	5.01	4.73	4.41	4.05	3.63	3.13	2.52	1.84	1.16	0.63	0.28	0.09	6.44	5.86	5.56	5.3	5.01	4.66
1.67	3.76	4.74	3.66	3.43	0.98	6.1	5.56	5.29	5.04	4.76	4.44	4.08	3.66	3.15	2.53	1.85	1.17	0.63	0.28	0.09	6.45	5.88	5.58	5.32	5.02	4.68
1.67	3.74	4.72	3.68	3.4	0.98	6.13	5.6	5.32	5.08	4.8	4.47	4.1	3.68	3.16	2.55	1.86	1.18	0.64	0.28	0.09	6.46	5.89	5.59	5.33	5.03	4.69
2.19	3.74	4.72	3.67	3.4	0.99	6.16	5.64	5.35	5.11	4.82	4.5	4.13	3.7	3.18	2.56	1.87	1.19	0.64	0.29	0.09	6.47	5.91	5.61	5.35	5.05	4.7
1.85	3.77	4.73	3.69	3.41	0.99	6.19	5.67	5.38	5.14	4.85	4.52	4.15	3.72	3.2	2.57	1.88	1.19	0.65	0.29	0.09	6.48	5.92	5.62	5.36	5.06	4.71
1.86	3.75	4.71	3.69	3.42	1	6.21	5.7	5.41	5.16	4.87	4.54	4.17	3.73	3.22	2.59	1.89	1.2	0.65	0.29	0.09	6.48	5.94	5.63	5.37	5.07	4.72
1.84	3.76	4.71	3.65	3.42	1	6.22	5.72	5.43	5.19	4.89	4.56	4.18	3.75	3.23	2.6	1.9	1.21	0.66	0.3	0.09	6.47	5.94	5.64	5.38	5.07	4.72
1.9	3.76	4.72	3.67	3.43	1.01	6.23	5.74	5.45	5.2	4.91	4.58	4.2	3.76	3.24	2.62	1.91	1.22	0.66	0.3	0.09	6.47	5.95	5.64	5.38	5.07	4.72
2.17	3.78	4.73	3.65	3.45	1.01	6.25	5.76	5.46	5.22	4.92	4.59	4.21	3.77	3.26	2.63	1.92	1.23	0.66	0.3	0.09	6.46	5.95	5.64	5.38	5.07	4.72
2.25	3.77	4.72	3.7	3.43	1.01	6.26	5.78	5.47	5.23	4.93	4.59	4.21	3.78	3.27	2.64	1.92	1.23	0.67	0.3	0.09	6.46	5.95	5.63	5.37	5.07	4.72
2.11	3.78	4.7	3.69	3.4	1.02	6.28	5.79	5.48	5.24	4.94	4.6	4.22	3.79	3.28	2.65	1.93	1.24	0.67	0.31	0.09	6.45	5.94	5.62	5.36	5.06	4.71
1.95	3.76	4.66	3.68	3.4	1.02	6.29	5.8	5.49	5.24	4.94	4.61	4.23	3.8	3.28	2.65	1.94	1.24	0.68	0.31	0.09	6.45	5.94	5.62	5.36	5.05	4.7
1.77	3.77	4.7	3.67	3.45	1.02	6.31	5.81	5.5	5.25	4.95	4.61	4.23	3.8	3.29	2.66	1.94	1.24	0.68	0.31	0.09	6.45	5.93	5.61	5.35	5.04	4.69
2.12	3.78	4.71	3.7	3.42	1.02	6.34	5.82	5.52	5.26	4.96	4.62	4.24	3.81	3.29	2.66	1.94	1.25	0.68	0.31	0.1	6.46	5.93	5.61	5.34	5.04	4.69
2.05	3.74	4.71	3.67	3.43	1.02	6.37	5.84	5.53	5.28	4.97	4.63	4.25	3.82	3.3	2.66	1.95	1.25	0.69	0.31	0.1	6.47	5.92	5.61	5.34	5.03	4.68
2.02	3.76	4.71	3.68	3.41	1.02	6.4	5.86	5.55	5.3	4.99	4.65	4.26	3.82	3.3	2.66	1.95	1.26	0.69	0.32	0.1	6.48	5.93	5.61	5.34	5.03	4.68
1.94	3.75	4.68	3.67	3.39	1.02	6.45	5.89	5.58	5.32	5.01	4.66	4.27	3.83	3.3	2.66	1.95	1.26	0.69	0.32	0.1	6.51	5.94	5.62	5.35	5.04	4.68
2.32	3.75	4.69	3.71	3.4	1.02	6.49	5.92	5.61	5.34	5.03	4.68	4.28	3.84	3.31	2.66	1.95	1.26	0.7	0.32	0.1	6.53	5.95	5.63	5.35	5.04	4.69
2.05	3.74	4.72	3.68	3.4	1.02	6.53	5.96	5.63	5.36	5.05	4.7	4.3	3.85	3.31	2.66	1.96	1.26	0.7	0.32	0.1	6.56	5.97	5.64	5.37	5.05	4.69
1.66	3.76	4.72	3.7	3.42	1.02	6.57	5.99	5.66	5.39	5.07	4.71	4.31	3.85	3.31	2.66	1.96	1.27	0.71	0.33	0.11	6.58	5.98	5.65	5.37	5.05	4.69
1.88	3.74	4.7	3.69	3.4	1.02	6.6	6.01	5.68	5.41	5.08	4.73	4.32	3.86	3.31	2.66	1.96	1.27	0.71	0.33	0.11	6.6	6	5.66	5.38	5.06	4.7
1.71	3.74	4.72	3.7	3.41	1.02	6.62	6.03	5.69	5.42	5.1	4.73	4.33	3.86	3.31	2.66	1.96	1.27	0.71	0.33	0.11	6.61	6.01	5.66	5.39	5.06	4.7
1.92	3.77	4.72	3.71	3.41	1.02	6.62	6.04	5.7	5.42	5.1	4.74	4.33	3.86	3.31	2.66	1.96	1.28	0.72	0.33	0.11	6.6	6.01	5.66	5.38	5.06	4.7
1.51	3.77	4.71	3.7	3.43	1.02	6.6	6.03	5.69	5.42	5.1	4.73	4.33	3.86	3.3	2.66	1.96	1.28	0.72	0.34	0.11	6.58	6	5.66	5.38	5.05	4.69
2.11	3.77	4.7	3.7	3.47	1.01	6.58	6.02	5.68	5.41	5.08	4.73	4.32	3.85	3.3	2.66	1.96	1.29	0.73	0.34	0.11	6.56	5.98	5.64	5.37	5.04	4.68
1.95	3.77	4.71	3.66	3.41	1.01	6.54	5.99	5.66	5.39	5.07	4.71	4.31	3.84	3.3	2.66	1.97	1.29	0.73	0.34	0.12	6.53	5.96	5.63	5.35	5.03	4.67
1.92	3.76	4.7	3.68	3.39	1.01	6.5	5.96	5.63	5.36	5.05	4.69	4.29	3.83	3.29	2.66	1.97	1.3	0.74	0.35	0.12	6.49	5.94	5.6	5.33	5.01	4.65
1.67	3.74	4.69	3.66	3.4	1.01	6.46	5.93	5.6	5.34	5.02	4.67	4.27	3.82	3.28	2.66	1.98	1.31	0.75	0.35	0.12	6.45	5.91	5.58	5.3	4.99	4.63
1.88	3.76	4.7	3.68	3.4	1	6.42	5.89	5.57	5.31	4.99	4.65	4.26	3.81	3.28	2.66	1.99	1.32	0.75	0.36	0.12	6.42	5.88	5.55	5.28	4.97	4.62
2	3.75	4.71	3.67	3.43	1	6.38	5.86	5.54	5.28	4.97	4.63	4.24	3.79	3.28	2.67	1.99	1.32	0.76	0.36	0.12	6.39	5.85	5.52	5.26	4.94	4.6
2.03	3.75	4.7	3.69	3.42	0.99	6.35	5.83	5.51	5.25	4.95	4.61	4.22	3.78	3.27	2.67	2	1.33	0.76	0.37	0.12	6.37	5.83	5.5	5.24	4.92	4.58
1.97	3.78	4.7	3.7	3.43	0.98	6.34	5.82	5.49	5.24	4.93	4.59	4.21	3.78	3.27	2.67	2.01	1.34	0.77	0.37	0.13	6.36	5.82	5.48	5.22	4.91	4.57
1.75	3.74	4.7	3.71	3.38	0.98	6.34	5.81	5.48	5.22	4.92	4.58	4.2	3.77	3.27	2.67	2.01	1.34	0.77	0.37	0.13	6.36	5.81	5.47	5.21	4.9	4.55
2.09	3.75	4.74	3.67	3.39	0.97	6.36	5.81	5.48	5.22	4.91	4.57	4.19	3.77	3.27	2.68	2.02	1.35	0.78	0.38	0.13	6.38	5.81	5.47	5.2	4.89	4.55
2.15	3.77	4.74	3.67	3.42	0.96	6.39	5.82	5.49	5.22	4.92	4.58	4.2	3.77	3.28	2.69	2.03	1.36	0.78	0.38	0.13	6.42	5.82	5.48	5.21	4.9	4.55
2.12	3.86	4.73	3.7	3.6	0.96	6.44	5.84	5.5	5.24	4.93	4.59	4.2	3.78	3.28	2.69	2.03	1.36	0.79	0.38	0.13	6.46	5.84	5.49	5.22	4.91	4.56
1.8	3.75	4.71	3.7	3.43	0.95	6.49	5.87	5.52	5.25	4.94	4.59	4.21	3.78	3.29	2.7	2.04	1.37	0.79	0.38	0.13	6.51	5.86	5.51	5.23	4.92	4.57
1.9	3.75	4.73	3.7	3.42	0.95	6.54	5.89	5.54	5.26	4.95	4.6	4.22	3.79	3.29	2.71	2.04	1.38	0.8	0.39	0.14	6.56	5.88	5.52	5.25	4.93	4.58
1.96	3.74	4.73	3.7	3.39	0.95	6.58	5.9	5.55	5.28	4.96	4.61	4.22	3.79	3.3	2.72	2.05	1.38	0.8	0.39	0.14	6.6	5.9	5.54	5.26	4.93	4.58
2.14	3.76	4.71	3.69	3.41	0.95	6.6	5.91	5.56	5.28	4.96	4.62	4.23	3.8	3.31	2.72	2.06	1.39	0.81	0.39	0.14	6.62	5.9	5.54	5.26	4.94	4.59
2.3	3.75	4.71	3.63	3.42	0.95	6.6	5.91	5.56	5.28	4.97	4.62	4.23	3.8	3.31	2.73	2.06	1.39	0.81	0.39	0.14	6.62	5.91	5.55	5.27	4.95	4.59
2.38	3.74	4.75	3.62	3.41	0.96	6.59	5.9	5.56	5.28	4.96	4.62	4.23	3.8	3.32	2.74	2.07	1.4	0.81	0.39	0.14	6.62	5.91	5.56	5.28	4.95	4.6
2.17	3.74	4.73	3.67	3.43	0.96	6.57	5.89	5.55	5.28	4.96	4.61	4.23	3.8	3.32	2.74	2.08	1.4	0.81	0.39	0.14	6.61	5.91	5.57	5.29	4.96	4.61
2.13	3.75	4.69	3.71	3.43	0.97	6.54	5.88	5.54	5.27	4.95	4.6	4.22	3.8	3.32	2.75	2.08	1.4	0.81	0.39	0.14	6.61	5.92	5.58	5.3	4.98	4.62
1.8	3.74	4.71	3.7	3.42	0.98	6.51	5.86	5.54	5.26	4.95	4.6	4.21	3.8	3.32	2.75	2.08	1.41	0.81	0.4	0.14	6.62	5.94	5.6	5.32	5	4.64
1.52	3.75	4.69	3.68	3.41	1	6.49	5.85	5.53	5.26	4.94	4.59	4.21	3.79	3.32	2.76	2.09	1.41	0.81	0.4	0.14	6.63	5.97	5.64	5.35	5.03	4.67
1.9	3.76	4.7	3.68	3.41	1.01	6.46	5.84	5.53	5.25	4.94	4.59	4.2	3.79	3.32	2.76	2.09	1.41	0.81	0.4	0.14	6.66	6	5.67	5.38	5.06	4.7
1.92	3.77	4.74	3.69	3.4	1.02	6.45	5.83	5.52	5.24	4.93	4.58	4.2	3.78	3.31	2.76	2.09	1.41	0.81	0.4	0.14	6.69	6.03	5.71	5.41	5.09	4.72
1.8	3.78	4.73	3.69	3.41	1.03	6.43	5.81	5.51	5.23	4.92	4.57	4.19	3.77	3.31	2.75	2.09	1.41	0.81	0.4	0.14	6.73	6.07	5.75	5.45	5.12	4.75
2.03	3.77	4.71	3.7	3.45	1.03	6.41	5.79	5.5	5.22	4.9	4.56	4.17	3.76	3.3	2.75	2.09	1.41	0.81	0.4	0.14						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.74	3.73	4.73	3.64	3.41	0.99	5.83	5.43	5.15	4.91	4.61	4.28	3.91	3.5	3.03	2.46	1.84	1.21	0.69	0.32	0.11	6.87	6.4	6.06	5.76	5.41	5.01
1.92	3.73	4.73	3.67	3.42	0.99	5.82	5.44	5.16	4.91	4.62	4.29	3.92	3.51	3.03	2.46	1.83	1.2	0.68	0.32	0.11	6.84	6.39	6.05	5.75	5.4	5
1.96	3.71	4.73	3.62	3.4	0.99	5.81	5.45	5.16	4.92	4.62	4.29	3.92	3.51	3.03	2.46	1.83	1.2	0.68	0.31	0.1	6.81	6.37	6.04	5.74	5.39	5
2.3	3.78	4.73	3.66	3.43	0.99	5.81	5.45	5.16	4.92	4.62	4.3	3.92	3.51	3.03	2.46	1.83	1.2	0.67	0.31	0.1	6.79	6.36	6.02	5.73	5.38	4.99
2.38	3.78	4.69	3.68	3.46	1	5.81	5.44	5.16	4.92	4.62	4.3	3.93	3.51	3.03	2.46	1.83	1.19	0.67	0.31	0.1	6.77	6.34	6	5.71	5.36	4.97
1.98	3.73	4.7	3.66	3.43	1	5.81	5.43	5.16	4.91	4.62	4.3	3.93	3.52	3.03	2.47	1.83	1.19	0.67	0.31	0.1	6.74	6.3	5.97	5.69	5.34	4.96
1.84	3.75	4.71	3.68	3.39	1	5.81	5.42	5.15	4.91	4.62	4.29	3.93	3.52	3.04	2.47	1.83	1.19	0.66	0.31	0.1	6.72	6.27	5.95	5.67	5.32	4.94
1.82	3.73	4.72	3.68	3.35	1	5.81	5.41	5.14	4.9	4.62	4.29	3.93	3.52	3.04	2.47	1.83	1.19	0.66	0.31	0.1	6.71	6.24	5.92	5.65	5.31	4.92
1.94	3.74	4.7	3.67	3.41	1	5.82	5.41	5.14	4.9	4.62	4.29	3.93	3.52	3.04	2.47	1.83	1.19	0.66	0.31	0.1	6.7	6.22	5.91	5.63	5.29	4.91
2.11	3.73	4.71	3.65	3.39	1	5.84	5.42	5.15	4.91	4.62	4.3	3.94	3.53	3.04	2.47	1.83	1.19	0.66	0.31	0.1	6.71	6.22	5.91	5.63	5.29	4.91
2.18	3.72	4.72	3.68	3.38	1	5.88	5.44	5.17	4.93	4.64	4.31	3.95	3.54	3.05	2.47	1.83	1.18	0.66	0.31	0.1	6.74	6.24	5.92	5.64	5.3	4.91
2.03	3.72	4.7	3.68	3.42	1	5.93	5.48	5.2	4.96	4.66	4.33	3.96	3.55	3.05	2.47	1.82	1.18	0.65	0.3	0.1	6.79	6.27	5.94	5.66	5.31	4.93
1.92	3.74	4.71	3.64	3.44	1	5.99	5.53	5.24	4.99	4.69	4.35	3.98	3.56	3.06	2.47	1.81	1.17	0.65	0.3	0.1	6.85	6.32	5.98	5.69	5.34	4.95
1.98	3.75	4.71	3.65	3.43	1.01	6.05	5.58	5.28	5.02	4.72	4.38	4	3.57	3.07	2.47	1.81	1.16	0.64	0.3	0.09	6.91	6.36	6.02	5.72	5.36	4.97
2.22	3.77	4.73	3.7	3.43	1.01	6.11	5.62	5.31	5.05	4.74	4.4	4.01	3.58	3.07	2.47	1.8	1.16	0.64	0.3	0.09	6.97	6.41	6.05	5.75	5.39	4.99
2.11	3.77	4.71	3.71	3.44	1.01	6.15	5.66	5.34	5.08	4.76	4.42	4.03	3.59	3.08	2.47	1.8	1.15	0.64	0.29	0.09	7.02	6.44	6.08	5.77	5.41	5
2.03	3.75	4.71	3.67	3.45	1.01	6.18	5.68	5.36	5.09	4.78	4.43	4.04	3.6	3.08	2.47	1.8	1.15	0.64	0.29	0.09	7.04	6.46	6.09	5.78	5.42	5.01
2.08	3.77	4.7	3.69	3.41	1	6.19	5.68	5.37	5.1	4.78	4.44	4.05	3.61	3.09	2.47	1.8	1.15	0.64	0.29	0.09	7.05	6.47	6.1	5.79	5.42	5.02
2.16	3.76	4.71	3.69	3.38	1	6.2	5.68	5.37	5.1	4.79	4.44	4.05	3.61	3.09	2.48	1.8	1.15	0.64	0.29	0.09	7.05	6.46	6.09	5.79	5.42	5.02
1.82	3.76	4.7	3.64	3.4	1	6.19	5.68	5.37	5.11	4.79	4.45	4.06	3.61	3.09	2.48	1.8	1.15	0.64	0.29	0.09	7.04	6.45	6.09	5.78	5.42	5.02
1.4	3.75	4.72	3.64	3.4	1	6.19	5.68	5.37	5.11	4.8	4.45	4.06	3.62	3.1	2.48	1.8	1.15	0.64	0.29	0.09	7.03	6.44	6.08	5.78	5.42	5.03
1.25	3.74	4.7	3.65	3.4	1	6.18	5.68	5.37	5.11	4.81	4.46	4.07	3.62	3.1	2.48	1.81	1.15	0.64	0.29	0.09	7.01	6.44	6.08	5.78	5.43	5.03
1.3	3.73	4.71	3.68	3.44	1	6.18	5.68	5.38	5.12	4.82	4.47	4.08	3.63	3.11	2.48	1.81	1.16	0.64	0.3	0.09	7.01	6.44	6.09	5.79	5.44	5.04
2.02	3.76	4.69	3.65	3.41	0.99	6.18	5.69	5.39	5.13	4.83	4.48	4.09	3.64	3.11	2.49	1.81	1.16	0.64	0.3	0.09	7	6.44	6.1	5.8	5.45	5.05
2.29	3.75	4.71	3.64	3.4	0.99	6.18	5.7	5.4	5.14	4.84	4.49	4.1	3.65	3.12	2.49	1.82	1.16	0.65	0.3	0.09	6.99	6.45	6.11	5.81	5.46	5.05
2.08	3.73	4.7	3.65	3.4	0.99	6.17	5.7	5.41	5.15	4.85	4.5	4.1	3.65	3.12	2.5	1.82	1.17	0.65	0.3	0.09	6.99	6.45	6.11	5.81	5.46	5.06
1.92	3.75	4.68	3.67	3.41	0.99	6.17	5.7	5.41	5.16	4.85	4.5	4.11	3.66	3.13	2.51	1.83	1.18	0.65	0.31	0.1	6.97	6.45	6.11	5.81	5.46	5.06
1.94	3.74	4.71	3.66	3.45	0.99	6.16	5.7	5.41	5.15	4.85	4.5	4.11	3.67	3.14	2.52	1.84	1.18	0.66	0.31	0.1	6.96	6.44	6.1	5.8	5.45	5.05
1.79	3.75	4.72	3.66	3.45	0.99	6.16	5.7	5.41	5.15	4.85	4.5	4.11	3.67	3.15	2.53	1.85	1.19	0.66	0.31	0.1	6.95	6.42	6.09	5.79	5.44	5.05
1.5	3.72	4.71	3.67	3.43	0.99	6.16	5.7	5.41	5.16	4.85	4.5	4.12	3.68	3.16	2.54	1.86	1.2	0.67	0.32	0.1	6.94	6.42	6.08	5.78	5.44	5.04
1.96	3.75	4.72	3.65	3.43	0.99	6.17	5.71	5.42	5.16	4.85	4.51	4.13	3.69	3.17	2.55	1.87	1.21	0.68	0.32	0.1	6.93	6.41	6.08	5.78	5.43	5.04
1.96	3.76	4.71	3.65	3.41	0.99	6.2	5.73	5.43	5.17	4.87	4.52	4.14	3.7	3.18	2.56	1.88	1.22	0.68	0.32	0.1	6.94	6.41	6.07	5.77	5.42	5.03
1.32	3.75	4.7	3.64	3.42	0.99	6.23	5.76	5.46	5.19	4.88	4.54	4.15	3.71	3.19	2.57	1.89	1.23	0.69	0.33	0.11	6.95	6.42	6.07	5.77	5.42	5.03
1.2	3.74	4.72	3.65	3.39	0.99	6.27	5.79	5.48	5.21	4.9	4.55	4.16	3.72	3.2	2.58	1.9	1.24	0.7	0.33	0.11	6.95	6.42	6.07	5.76	5.41	5.02
1.94	3.75	4.68	3.66	3.41	0.99	6.3	5.82	5.5	5.23	4.92	4.57	4.17	3.73	3.21	2.59	1.91	1.25	0.7	0.33	0.11	6.95	6.41	6.05	5.75	5.4	5.01
2.11	3.75	4.71	3.7	3.45	0.99	6.34	5.84	5.52	5.24	4.93	4.58	4.18	3.74	3.21	2.6	1.92	1.25	0.71	0.34	0.11	6.94	6.39	6.03	5.72	5.37	4.98
2.16	3.75	4.72	3.67	3.45	0.99	6.36	5.85	5.52	5.25	4.93	4.58	4.19	3.74	3.22	2.6	1.93	1.26	0.71	0.34	0.11	6.92	6.35	5.99	5.69	5.34	4.95
2.08	3.75	4.72	3.69	3.45	0.99	6.38	5.85	5.53	5.25	4.94	4.58	4.19	3.74	3.22	2.61	1.93	1.26	0.72	0.34	0.11	6.88	6.3	5.94	5.64	5.29	4.91
1.72	3.76	4.75	3.68	3.41	0.99	6.4	5.85	5.53	5.25	4.94	4.59	4.19	3.75	3.22	2.61	1.94	1.27	0.72	0.34	0.12	6.83	6.24	5.89	5.59	5.25	4.87
2.09	3.74	4.73	3.66	3.41	1	6.4	5.86	5.53	5.26	4.94	4.59	4.2	3.75	3.23	2.62	1.94	1.27	0.72	0.34	0.12	6.78	6.18	5.83	5.54	5.2	4.83
1.82	3.72	4.72	3.62	3.42	1	6.41	5.86	5.54	5.26	4.95	4.6	4.2	3.76	3.23	2.62	1.95	1.28	0.72	0.34	0.12	6.72	6.13	5.78	5.49	5.16	4.79
1.9	3.73	4.69	3.68	3.39	1	6.42	5.88	5.55	5.28	4.96	4.61	4.21	3.77	3.24	2.63	1.95	1.28	0.72	0.34	0.11	6.67	6.09	5.75	5.45	5.12	4.76
1.95	3.75	4.68	3.67	3.39	1	6.44	5.9	5.58	5.3	4.98	4.63	4.23	3.78	3.25	2.64	1.95	1.28	0.72	0.34	0.11	6.62	6.06	5.72	5.43	5.1	4.73
1.68	3.75	4.7	3.66	3.44	1.01	6.47	5.94	5.61	5.33	5.01	4.65	4.25	3.8	3.27	2.65	1.96	1.29	0.72	0.34	0.11	6.59	6.04	5.7	5.41	5.08	4.72
1.99	3.75	4.71	3.68	3.41	1.01	6.5	5.98	5.65	5.36	5.04	4.68	4.28	3.82	3.28	2.65	1.96	1.29	0.73	0.34	0.11	6.57	6.03	5.69	5.4	5.07	4.71
1.99	3.77	4.7	3.68	3.45	1.01	6.53	6.02	5.68	5.39	5.06	4.7	4.3	3.84	3.3	2.66	1.97	1.3	0.73	0.34	0.11	6.55	6.02	5.68	5.39	5.05	4.69
1.95	3.78	4.72	3.67	3.43	1.02	6.56	6.04	5.7	5.41	5.08	4.72	4.31	3.85	3.31	2.67	1.97	1.3	0.74	0.35	0.12	6.53	6	5.66	5.37	5.04	4.67
1.9	3.76	4.72	3.68	3.4	1.02	6.58	6.06	5.72	5.43	5.1	4.73	4.33	3.86	3.32	2.68	1.98	1.31	0.74	0.35	0.12	6.51	5.98	5.63	5.34	5.02	4.65
1.73	3.75	4.71	3.69	3.42	1.02	6.6	6.06	5.72	5.43	5.1	4.74	4.33	3.87	3.33	2.7	2	1.32	0.75	0.35	0.12	6.49	5.95	5.6	5.32	4.99	4.63
2.14	3.74	4.69	3.69	3.41	1.02	6.61	6.06	5.72	5.43	5.1	4.74	4.34	3.88	3.34	2.71	2.02	1.33	0.76	0.36	0.12	6.46	5.91	5.57	5.28	4.	

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.1	3.77	4.73	3.71	3.44	1.01	7.07	6.24	5.83	5.5	5.14	4.77	4.35	3.89	3.37	2.75	2.05	1.35	0.76	0.35	0.12	6.78	5.96	5.56	5.24	4.9	4.53
1.61	3.78	4.68	3.67	3.42	1.02	7.03	6.2	5.8	5.48	5.13	4.75	4.34	3.89	3.37	2.75	2.05	1.35	0.75	0.35	0.11	6.74	5.93	5.53	5.22	4.89	4.53
2.11	3.77	4.73	3.69	3.45	1.02	6.98	6.17	5.78	5.46	5.12	4.75	4.34	3.89	3.37	2.75	2.05	1.35	0.75	0.35	0.11	6.7	5.9	5.52	5.21	4.88	4.52
1.75	3.75	4.72	3.68	3.45	1.03	6.94	6.15	5.76	5.45	5.11	4.74	4.34	3.88	3.37	2.75	2.05	1.34	0.75	0.35	0.11	6.67	5.89	5.52	5.21	4.88	4.53
1.68	3.76	4.75	3.64	3.45	1.03	6.91	6.14	5.76	5.45	5.11	4.74	4.34	3.88	3.37	2.75	2.05	1.34	0.74	0.35	0.11	6.66	5.9	5.52	5.22	4.89	4.54
1.89	3.74	4.72	3.66	3.45	1.04	6.89	6.14	5.76	5.45	5.11	4.75	4.34	3.89	3.37	2.75	2.05	1.34	0.74	0.34	0.11	6.66	5.91	5.54	5.24	4.91	4.56
1.61	3.78	4.74	3.66	3.44	1.04	6.89	6.15	5.77	5.46	5.12	4.75	4.35	3.89	3.37	2.75	2.04	1.33	0.74	0.34	0.11	6.67	5.94	5.57	5.27	4.94	4.58
2.04	3.8	4.7	3.68	3.44	1.04	6.88	6.16	5.79	5.47	5.13	4.76	4.35	3.89	3.37	2.74	2.04	1.33	0.74	0.34	0.11	6.69	5.98	5.61	5.3	4.96	4.6
1.95	3.8	4.7	3.72	3.48	1.05	6.87	6.17	5.79	5.48	5.14	4.76	4.35	3.89	3.36	2.74	2.03	1.33	0.74	0.34	0.11	6.71	6	5.63	5.32	4.99	4.62
1.98	3.79	4.73	3.71	3.48	1.05	6.86	6.16	5.79	5.48	5.13	4.76	4.35	3.89	3.36	2.74	2.03	1.32	0.73	0.34	0.11	6.73	6.02	5.65	5.34	5.01	4.64
1.82	3.78	4.73	3.69	3.46	1.05	6.85	6.15	5.78	5.47	5.13	4.76	4.34	3.89	3.36	2.73	2.03	1.32	0.73	0.33	0.11	6.74	6.04	5.67	5.36	5.02	4.65
1.93	3.74	4.75	3.7	3.45	1.05	6.83	6.13	5.76	5.45	5.12	4.75	4.34	3.88	3.36	2.73	2.03	1.32	0.73	0.33	0.11	6.75	6.05	5.68	5.37	5.03	4.66
2	3.75	4.74	3.69	3.41	1.05	6.81	6.11	5.75	5.44	5.1	4.74	4.33	3.88	3.35	2.73	2.02	1.31	0.72	0.33	0.11	6.77	6.06	5.69	5.38	5.05	4.68
2.17	3.77	4.74	3.68	3.39	1.05	6.79	6.09	5.73	5.43	5.09	4.73	4.33	3.88	3.35	2.73	2.02	1.31	0.72	0.33	0.1	6.8	6.08	5.71	5.4	5.07	4.7
1.89	3.75	4.71	3.69	3.43	1.05	6.77	6.08	5.72	5.42	5.09	4.72	4.32	3.87	3.35	2.73	2.02	1.31	0.72	0.33	0.1	6.82	6.11	5.74	5.43	5.09	4.73
1.75	3.74	4.73	3.68	3.44	1.04	6.76	6.08	5.72	5.42	5.08	4.72	4.32	3.87	3.35	2.73	2.02	1.3	0.71	0.32	0.1	6.86	6.15	5.78	5.47	5.13	4.76
2	3.77	4.72	3.66	3.45	1.04	6.74	6.07	5.71	5.42	5.08	4.72	4.32	3.87	3.35	2.72	2.01	1.29	0.71	0.32	0.1	6.9	6.21	5.83	5.52	5.17	4.8
1.94	3.79	4.72	3.66	3.45	1.04	6.71	6.07	5.71	5.41	5.08	4.72	4.32	3.87	3.35	2.72	2	1.29	0.7	0.32	0.1	6.94	6.26	5.88	5.57	5.21	4.84
1.81	3.78	4.72	3.68	3.45	1.04	6.68	6.06	5.7	5.41	5.08	4.72	4.32	3.87	3.35	2.71	1.99	1.28	0.7	0.31	0.1	6.97	6.31	5.92	5.61	5.26	4.88
1.94	3.76	4.72	3.69	3.47	1.03	6.63	6.04	5.69	5.4	5.06	4.71	4.31	3.87	3.34	2.71	1.98	1.27	0.69	0.31	0.1	6.99	6.34	5.96	5.65	5.29	4.91
1.77	3.76	4.72	3.68	3.46	1.02	6.58	6.01	5.66	5.37	5.04	4.69	4.3	3.85	3.33	2.69	1.97	1.26	0.68	0.3	0.09	6.98	6.36	5.98	5.67	5.31	4.93
1.82	3.76	4.72	3.71	3.46	1.01	6.51	5.97	5.62	5.34	5.01	4.67	4.27	3.84	3.31	2.68	1.96	1.25	0.67	0.3	0.09	6.96	6.36	5.98	5.67	5.32	4.94
1.39	3.76	4.74	3.69	3.43	1	6.43	5.91	5.57	5.3	4.98	4.63	4.25	3.81	3.29	2.66	1.94	1.23	0.66	0.29	0.09	6.93	6.35	5.97	5.67	5.31	4.94
1.75	3.76	4.7	3.68	3.41	0.99	6.36	5.85	5.52	5.25	4.94	4.6	4.22	3.79	3.27	2.65	1.93	1.22	0.65	0.29	0.09	6.89	6.32	5.95	5.65	5.3	4.93
1.72	3.74	4.71	3.68	3.4	0.97	6.29	5.8	5.47	5.2	4.9	4.56	4.19	3.76	3.25	2.63	1.91	1.22	0.65	0.29	0.09	6.85	6.29	5.93	5.63	5.28	4.92
1.83	3.73	4.72	3.66	3.41	0.96	6.24	5.75	5.43	5.16	4.86	4.53	4.16	3.74	3.23	2.61	1.9	1.21	0.64	0.29	0.09	6.83	6.26	5.9	5.61	5.27	4.9
1.82	3.71	4.71	3.65	3.4	0.95	6.2	5.7	5.39	5.13	4.83	4.51	4.14	3.72	3.21	2.59	1.89	1.2	0.64	0.28	0.08	6.81	6.24	5.88	5.59	5.25	4.89
2.01	3.74	4.7	3.69	3.41	0.95	6.19	5.68	5.36	5.11	4.81	4.49	4.12	3.71	3.2	2.58	1.88	1.19	0.63	0.28	0.08	6.81	6.23	5.87	5.58	5.25	4.89
1.91	3.73	4.71	3.66	3.4	0.94	6.19	5.67	5.36	5.1	4.81	4.49	4.12	3.7	3.19	2.57	1.87	1.19	0.63	0.28	0.08	6.83	6.24	5.88	5.59	5.26	4.89
1.49	3.73	4.7	3.69	3.42	0.94	6.21	5.68	5.36	5.11	4.82	4.49	4.12	3.7	3.19	2.57	1.87	1.18	0.63	0.28	0.08	6.86	6.26	5.9	5.61	5.27	4.91
2.01	3.75	4.72	3.68	3.4	0.94	6.24	5.71	5.39	5.13	4.83	4.51	4.13	3.7	3.18	2.56	1.86	1.17	0.62	0.28	0.08	6.89	6.29	5.92	5.63	5.29	4.92
1.75	3.75	4.71	3.68	3.38	0.94	6.28	5.75	5.42	5.16	4.86	4.53	4.15	3.71	3.18	2.55	1.85	1.16	0.62	0.27	0.08	6.93	6.33	5.95	5.66	5.32	4.95
1.97	3.73	4.7	3.69	3.39	0.94	6.32	5.79	5.46	5.2	4.9	4.56	4.17	3.72	3.19	2.55	1.83	1.15	0.61	0.27	0.08	6.97	6.37	5.99	5.7	5.35	4.98
1.88	3.74	4.69	3.67	3.4	0.95	6.38	5.84	5.51	5.24	4.94	4.59	4.2	3.74	3.19	2.54	1.82	1.14	0.6	0.26	0.08	7.01	6.41	6.03	5.73	5.39	5
1.82	3.75	4.71	3.67	3.4	0.96	6.42	5.89	5.56	5.29	4.97	4.62	4.23	3.76	3.2	2.54	1.81	1.13	0.6	0.26	0.08	7.04	6.45	6.07	5.77	5.41	5.03
1.76	3.71	4.71	3.66	3.4	0.96	6.46	5.94	5.6	5.32	5.01	4.66	4.25	3.77	3.2	2.53	1.8	1.12	0.59	0.25	0.07	7.06	6.47	6.1	5.79	5.44	5.05
1.85	3.72	4.72	3.66	3.42	0.98	6.5	5.97	5.63	5.36	5.04	4.68	4.27	3.79	3.21	2.53	1.79	1.11	0.58	0.25	0.07	7.07	6.49	6.12	5.81	5.45	5.07
1.96	3.73	4.72	3.68	3.44	0.99	6.53	6	5.66	5.38	5.06	4.7	4.29	3.8	3.21	2.53	1.79	1.1	0.58	0.25	0.07	7.08	6.5	6.13	5.82	5.47	5.08
1.77	3.76	4.73	3.66	3.42	1	6.54	6.01	5.68	5.4	5.08	4.72	4.3	3.81	3.22	2.52	1.78	1.09	0.57	0.25	0.07	7.07	6.5	6.13	5.83	5.47	5.08
1.43	3.73	4.72	3.69	3.41	1.02	6.56	6.03	5.7	5.42	5.1	4.74	4.32	3.82	3.22	2.52	1.78	1.09	0.57	0.24	0.07	7.07	6.5	6.13	5.83	5.47	5.08
1.39	3.73	4.7	3.68	3.4	1.03	6.58	6.05	5.72	5.44	5.11	4.75	4.33	3.82	3.22	2.52	1.77	1.08	0.56	0.24	0.07	7.07	6.5	6.14	5.83	5.48	5.09
1.77	3.72	4.69	3.65	3.39	1.05	6.59	6.07	5.73	5.45	5.13	4.76	4.34	3.83	3.22	2.52	1.77	1.08	0.56	0.24	0.07	7.07	6.5	6.14	5.84	5.48	5.09
0.83	3.74	4.7	3.65	3.41	1.06	6.61	6.08	5.75	5.47	5.14	4.77	4.34	3.83	3.22	2.51	1.76	1.07	0.56	0.24	0.07	7.07	6.5	6.14	5.84	5.48	5.09
2.06	3.77	4.69	3.67	3.44	1.08	6.62	6.1	5.76	5.48	5.15	4.78	4.35	3.83	3.22	2.5	1.75	1.06	0.55	0.24	0.06	7.06	6.5	6.14	5.83	5.48	5.08
2.03	3.75	4.71	3.69	3.43	1.09	6.63	6.11	5.77	5.48	5.15	4.78	4.35	3.83	3.21	2.5	1.74	1.06	0.55	0.23	0.06	7.06	6.5	6.13	5.83	5.47	5.08
1.78	3.79	4.71	3.67	3.42	1.09	6.64	6.11	5.77	5.48	5.15	4.78	4.34	3.82	3.2	2.48	1.73	1.05	0.54	0.23	0.06	7.05	6.48	6.12	5.81	5.45	5.06
1.99	3.78	4.69	3.69	3.4	1.1	6.65	6.1	5.76	5.47	5.14	4.77	4.33	3.81	3.19	2.47	1.72	1.04	0.54	0.23	0.06	7.04	6.45	6.09	5.78	5.43	5.03
2.17	3.77	4.71	3.66	3.43	1.1	6.65	6.08	5.75	5.46	5.13	4.76	4.32	3.8	3.18	2.46	1.71	1.03	0.53	0.22	0.06	7.02	6.42	6.06	5.75	5.39	5
2.06	3.78	4.69	3.7	3.46	1.1	6.64	6.06	5.73	5.44	5.11	4.74	4.31	3.79	3.17	2.45	1.7	1.03	0.53	0.22	0.06	6.99	6.38	6.02	5.71	5.36	4.97
1.12	3.78	4.71	3.68	3.43	1.1	6.64	6.04	5.71	5.42	5.09	4.73	4.29	3.78	3.16	2.44</											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.47	3.71	4.72	3.68	3.38	0.99	6.98	6.33	5.95	5.61	5.23	4.82	4.33	3.75	3.08	2.32	1.55	0.87	0.4	0.15	0.04	7.43	6.73	6.31	5.94	5.53	5.09
1.51	3.76	4.7	3.7	3.41	0.99	6.99	6.33	5.95	5.61	5.24	4.82	4.33	3.76	3.08	2.32	1.54	0.87	0.4	0.15	0.04	7.46	6.75	6.33	5.96	5.55	5.11
1.61	3.73	4.7	3.72	3.41	0.99	6.99	6.33	5.95	5.61	5.24	4.82	4.33	3.76	3.08	2.32	1.54	0.86	0.39	0.15	0.03	7.48	6.76	6.34	5.98	5.57	5.12
1.77	3.74	4.7	3.69	3.42	1	6.99	6.33	5.95	5.61	5.24	4.83	4.34	3.76	3.08	2.32	1.54	0.86	0.39	0.14	0.03	7.5	6.78	6.36	5.99	5.58	5.14
1.79	3.75	4.69	3.7	3.39	1	7	6.34	5.96	5.62	5.25	4.83	4.34	3.76	3.08	2.31	1.53	0.85	0.39	0.14	0.03	7.51	6.8	6.38	6.01	5.6	5.15
1.98	3.77	4.69	3.68	3.42	1	7	6.35	5.96	5.63	5.25	4.84	4.35	3.76	3.08	2.31	1.53	0.85	0.38	0.14	0.03	7.53	6.82	6.4	6.03	5.62	5.17
1.22	3.73	4.71	3.7	3.41	1.01	7.02	6.37	5.98	5.65	5.27	4.85	4.35	3.77	3.08	2.31	1.52	0.84	0.37	0.14	0.03	7.55	6.84	6.42	6.05	5.64	5.18
1.64	3.74	4.71	3.71	3.4	1.01	7.03	6.39	6	5.66	5.28	4.86	4.36	3.77	3.08	2.3	1.51	0.83	0.37	0.13	0.03	7.57	6.87	6.44	6.08	5.66	5.2
1.09	3.74	4.69	3.71	3.39	1.01	7.06	6.41	6.02	5.68	5.29	4.87	4.37	3.77	3.08	2.3	1.5	0.82	0.36	0.13	0.03	7.6	6.9	6.47	6.1	5.67	5.21
1.99	3.76	4.69	3.7	3.41	1.02	7.08	6.44	6.04	5.7	5.31	4.88	4.38	3.78	3.08	2.29	1.49	0.81	0.35	0.13	0.03	7.62	6.92	6.49	6.11	5.69	5.22
2.2	3.76	4.67	3.7	3.41	1.02	7.1	6.46	6.06	5.72	5.32	4.89	4.38	3.78	3.08	2.29	1.49	0.8	0.35	0.12	0.03	7.64	6.93	6.5	6.13	5.7	5.23
2.05	3.77	4.69	3.65	3.42	1.03	7.13	6.48	6.08	5.73	5.33	4.9	4.39	3.78	3.07	2.28	1.48	0.8	0.34	0.12	0.02	7.65	6.94	6.51	6.13	5.7	5.23
2.02	3.76	4.7	3.68	3.4	1.03	7.16	6.5	6.1	5.75	5.35	4.91	4.39	3.78	3.07	2.27	1.47	0.79	0.34	0.12	0.02	7.66	6.95	6.52	6.14	5.7	5.23
1.99	3.73	4.71	3.68	3.41	1.04	7.18	6.52	6.12	5.77	5.36	4.92	4.4	3.78	3.07	2.26	1.46	0.78	0.34	0.12	0.02	7.68	6.96	6.53	6.14	5.7	5.23
2.1	3.75	4.71	3.69	3.42	1.04	7.21	6.55	6.14	5.79	5.38	4.93	4.4	3.78	3.06	2.25	1.45	0.77	0.33	0.12	0.02	7.69	6.97	6.53	6.15	5.71	5.23
2.38	3.76	4.7	3.65	3.42	1.05	7.24	6.57	6.16	5.81	5.4	4.95	4.41	3.79	3.05	2.24	1.43	0.76	0.33	0.11	0.02	7.7	6.98	6.54	6.16	5.72	5.23
2.32	3.76	4.72	3.69	3.4	1.05	7.27	6.6	6.18	5.83	5.41	4.96	4.42	3.79	3.04	2.23	1.42	0.75	0.32	0.11	0.02	7.7	6.99	6.54	6.16	5.72	5.23
2.08	3.76	4.71	3.68	3.42	1.06	7.28	6.61	6.2	5.84	5.42	4.97	4.42	3.78	3.03	2.21	1.4	0.74	0.32	0.11	0.02	7.69	6.98	6.54	6.16	5.71	5.22
2.17	3.77	4.71	3.67	3.39	1.06	7.28	6.62	6.2	5.85	5.43	4.97	4.42	3.78	3.02	2.19	1.39	0.73	0.31	0.11	0.02	7.67	6.97	6.52	6.14	5.7	5.21
2.08	3.78	4.72	3.71	3.4	1.06	7.27	6.62	6.2	5.85	5.43	4.97	4.42	3.77	3.01	2.18	1.37	0.72	0.31	0.1	0.02	7.63	6.94	6.5	6.12	5.68	5.19
1.82	3.79	4.73	3.69	3.41	1.07	7.24	6.6	6.19	5.84	5.42	4.96	4.41	3.76	2.99	2.16	1.36	0.71	0.3	0.1	0.02	7.58	6.9	6.47	6.09	5.65	5.17
1.82	3.77	4.7	3.66	3.42	1.07	7.21	6.58	6.18	5.82	5.41	4.95	4.4	3.74	2.98	2.15	1.34	0.7	0.29	0.1	0.01	7.52	6.86	6.43	6.06	5.62	5.14
2.01	3.76	4.7	3.72	3.38	1.07	7.17	6.56	6.16	5.81	5.4	4.94	4.39	3.73	2.97	2.13	1.33	0.69	0.29	0.09	0.01	7.47	6.82	6.4	6.02	5.59	5.11
1.67	3.77	4.71	3.69	3.41	1.07	7.15	6.54	6.14	5.79	5.39	4.93	4.38	3.72	2.96	2.12	1.32	0.68	0.28	0.09	0.01	7.42	6.78	6.36	5.99	5.56	5.09
1.93	3.75	4.72	3.69	3.4	1.06	7.14	6.54	6.14	5.78	5.38	4.92	4.38	3.72	2.95	2.11	1.31	0.67	0.28	0.09	0.01	7.39	6.76	6.34	5.97	5.54	5.07
1.85	3.75	4.68	3.7	3.39	1.06	7.14	6.54	6.14	5.78	5.37	4.92	4.37	3.71	2.94	2.11	1.3	0.66	0.27	0.09	0.01	7.38	6.74	6.32	5.95	5.52	5.05
1.2	3.74	4.68	3.69	3.4	1.05	7.15	6.54	6.14	5.78	5.37	4.92	4.37	3.71	2.94	2.1	1.29	0.66	0.27	0.09	0.01	7.37	6.73	6.3	5.93	5.5	5.03
1.75	3.75	4.69	3.68	3.43	1.04	7.17	6.55	6.14	5.78	5.37	4.92	4.37	3.71	2.94	2.09	1.28	0.65	0.27	0.09	0.01	7.37	6.72	6.29	5.91	5.48	5.01
1.63	3.76	4.71	3.7	3.42	1.03	7.19	6.56	6.15	5.78	5.37	4.92	4.37	3.7	2.93	2.09	1.27	0.65	0.27	0.09	0.01	7.36	6.7	6.26	5.88	5.46	4.99
2.02	3.74	4.69	3.69	3.42	1.02	7.21	6.57	6.15	5.78	5.37	4.91	4.37	3.7	2.93	2.08	1.27	0.64	0.27	0.09	0.01	7.35	6.68	6.24	5.86	5.43	4.96
1.88	3.74	4.71	3.7	3.43	1.01	7.22	6.57	6.15	5.78	5.36	4.91	4.36	3.69	2.92	2.07	1.26	0.64	0.27	0.09	0.01	7.33	6.65	6.21	5.82	5.4	4.93
1.96	3.73	4.71	3.7	3.42	0.99	7.23	6.57	6.15	5.77	5.36	4.9	4.36	3.69	2.91	2.06	1.25	0.63	0.27	0.09	0.01	7.31	6.62	6.18	5.79	5.37	4.91
1.94	3.73	4.71	3.66	3.38	0.98	7.25	6.58	6.15	5.77	5.36	4.9	4.35	3.69	2.91	2.06	1.25	0.63	0.27	0.09	0.02	7.3	6.61	6.16	5.77	5.35	4.89
2.17	3.74	4.71	3.67	3.41	0.97	7.26	6.6	6.16	5.78	5.37	4.91	4.35	3.68	2.9	2.05	1.25	0.63	0.27	0.1	0.02	7.29	6.59	6.15	5.75	5.33	4.87
2.26	3.74	4.72	3.66	3.42	0.96	7.29	6.62	6.18	5.79	5.38	4.91	4.36	3.68	2.89	2.04	1.24	0.63	0.27	0.1	0.02	7.29	6.6	6.15	5.75	5.33	4.86
1.77	3.76	4.72	3.65	3.44	0.96	7.32	6.65	6.21	5.82	5.4	4.93	4.36	3.68	2.89	2.03	1.24	0.63	0.27	0.1	0.02	7.3	6.61	6.16	5.76	5.33	4.86
1.45	3.75	4.71	3.66	3.43	0.95	7.35	6.69	6.24	5.84	5.42	4.94	4.37	3.68	2.88	2.02	1.23	0.63	0.27	0.1	0.02	7.32	6.63	6.17	5.77	5.34	4.86
1.98	3.73	4.72	3.73	3.43	0.95	7.38	6.72	6.26	5.87	5.44	4.96	4.38	3.68	2.87	2.02	1.22	0.62	0.27	0.1	0.02	7.34	6.66	6.19	5.78	5.35	4.87
2.46	3.77	4.7	3.68	3.42	0.95	7.4	6.74	6.28	5.89	5.45	4.97	4.39	3.68	2.87	2.01	1.22	0.62	0.27	0.1	0.02	7.35	6.67	6.2	5.79	5.35	4.87
2.26	3.75	4.7	3.71	3.42	0.95	7.41	6.75	6.29	5.9	5.46	4.98	4.39	3.68	2.86	2	1.22	0.62	0.27	0.1	0.02	7.35	6.67	6.2	5.79	5.35	4.87
1.67	3.74	4.7	3.69	3.42	0.94	7.4	6.75	6.29	5.9	5.46	4.98	4.39	3.68	2.86	2	1.22	0.63	0.27	0.1	0.02	7.33	6.65	6.18	5.78	5.34	4.86
2	3.76	4.73	3.7	3.42	0.94	7.38	6.73	6.28	5.89	5.45	4.97	4.39	3.68	2.86	2	1.22	0.63	0.27	0.1	0.02	7.29	6.62	6.16	5.76	5.32	4.84
2.07	3.76	4.71	3.7	3.4	0.94	7.36	6.71	6.26	5.87	5.44	4.96	4.38	3.67	2.86	2	1.22	0.63	0.27	0.1	0.02	7.25	6.58	6.12	5.73	5.3	4.83
2.13	3.75	4.73	3.69	3.38	0.94	7.34	6.69	6.24	5.86	5.43	4.95	4.38	3.67	2.86	2.01	1.22	0.63	0.27	0.1	0.02	7.21	6.54	6.09	5.7	5.27	4.8
2.12	3.76	4.73	3.69	3.41	0.94	7.33	6.68	6.24	5.85	5.42	4.95	4.37	3.67	2.86	2.01	1.23	0.63	0.28	0.1	0.02	7.19	6.51	6.07	5.68	5.26	4.79
2.08	3.75	4.71	3.67	3.42	0.94	7.35	6.68	6.24	5.85	5.43	4.95	4.38	3.68	2.87	2.02	1.23	0.64	0.28	0.11	0.03	7.18	6.5	6.05	5.67	5.24	4.78
1.48	3.72	4.71	3.67	3.44	0.94	7.38	6.7	6.26	5.87	5.44	4.96	4.38	3.68	2.87	2.02	1.23	0.64	0.28	0.11	0.03	7.19	6.5	6.05	5.66	5.24	4.77
0.92	3.74	4.7	3.71	3.41	0.94	7.43	6.74	6.29	5.89	5.46	4.97	4.39	3.69	2.88	2.03	1.24	0.64	0.28	0.11	0.03	7.22	6.52	6.06	5.67	5.24	4.77
1.98	3.77	4.71	3.67	3.44	0.95	7.5	6.79	6.32	5.92	5.48	4.99	4.41	3.7	2.89	2.03	1.24	0.64	0.28	0.11	0.03	7.26	6.54	6.08	5.68	5.25	4.78
1.89	3.77	4.72	3.65	3.42	0.95	7.56	6.83	6.36	5.95	5.5	5.01	4.43	3.72	2.9	2.04	1.24	0.65									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.45	3.77	4.72	3.69	3.42	1.03	7.01	6.45	6.01	5.64	5.23	4.79	4.27	3.62	2.87	2.05	1.28	0.67	0.29	0.1	0.01	7.57	6.95	6.47	6.06	5.61	5.13
1.63	3.8	4.71	3.67	3.46	1.02	6.98	6.42	5.99	5.62	5.21	4.78	4.25	3.61	2.85	2.03	1.27	0.67	0.29	0.1	0.02	7.55	6.94	6.47	6.06	5.61	5.13
2.09	3.77	4.74	3.66	3.45	1.02	6.94	6.4	5.97	5.6	5.2	4.76	4.23	3.59	2.83	2.02	1.26	0.67	0.29	0.11	0.02	7.53	6.93	6.46	6.06	5.61	5.13
1.63	3.76	4.72	3.67	3.43	1.01	6.91	6.37	5.95	5.59	5.18	4.75	4.22	3.57	2.81	2	1.25	0.67	0.29	0.11	0.02	7.51	6.92	6.45	6.05	5.6	5.12
1.23	3.76	4.71	3.68	3.42	1.01	6.88	6.35	5.93	5.57	5.17	4.73	4.2	3.55	2.79	1.99	1.24	0.67	0.3	0.11	0.02	7.49	6.9	6.44	6.04	5.59	5.11
1.73	3.77	4.72	3.69	3.44	1.01	6.85	6.33	5.91	5.56	5.16	4.72	4.19	3.53	2.77	1.97	1.24	0.67	0.3	0.12	0.02	7.47	6.89	6.42	6.03	5.58	5.1
1.93	3.77	4.73	3.67	3.43	1	6.83	6.31	5.9	5.54	5.14	4.71	4.17	3.51	2.76	1.96	1.24	0.67	0.31	0.12	0.02	7.45	6.87	6.41	6.02	5.57	5.09
2.26	3.76	4.7	3.68	3.44	1	6.81	6.29	5.89	5.54	5.14	4.7	4.16	3.5	2.74	1.95	1.23	0.67	0.31	0.12	0.03	7.43	6.86	6.4	6.01	5.57	5.08
1.95	3.74	4.7	3.67	3.4	1	6.8	6.28	5.88	5.53	5.13	4.69	4.15	3.48	2.73	1.94	1.23	0.67	0.31	0.12	0.03	7.42	6.85	6.4	6.01	5.57	5.08
1.85	3.75	4.71	3.65	3.4	1	6.79	6.28	5.88	5.53	5.13	4.69	4.14	3.47	2.72	1.93	1.22	0.67	0.31	0.12	0.03	7.41	6.85	6.41	6.02	5.57	5.08
1.06	3.75	4.71	3.66	3.43	1	6.78	6.28	5.89	5.54	5.14	4.69	4.14	3.47	2.71	1.93	1.22	0.67	0.31	0.12	0.03	7.42	6.86	6.42	6.04	5.59	5.09
2.04	3.74	4.71	3.68	3.41	1	6.79	6.3	5.91	5.56	5.16	4.71	4.15	3.46	2.7	1.92	1.21	0.67	0.31	0.12	0.03	7.42	6.88	6.45	6.06	5.61	5.11
1.83	3.71	4.74	3.66	3.44	1	6.79	6.32	5.93	5.58	5.18	4.72	4.15	3.46	2.69	1.91	1.2	0.66	0.31	0.12	0.03	7.44	6.91	6.48	6.09	5.64	5.13
1.4	3.77	4.69	3.69	3.45	1	6.8	6.34	5.96	5.6	5.2	4.74	4.16	3.46	2.68	1.9	1.2	0.66	0.31	0.12	0.03	7.46	6.94	6.51	6.12	5.67	5.15
2.04	3.73	4.72	3.66	3.44	1.01	6.81	6.36	5.97	5.62	5.22	4.75	4.17	3.46	2.68	1.89	1.19	0.65	0.31	0.12	0.03	7.48	6.97	6.55	6.15	5.7	5.18
2.09	3.75	4.71	3.67	3.46	1.01	6.81	6.37	5.99	5.64	5.23	4.76	4.18	3.46	2.67	1.88	1.18	0.65	0.31	0.12	0.03	7.49	6.99	6.57	6.18	5.73	5.2
2.18	3.75	4.72	3.68	3.46	1.01	6.81	6.37	5.99	5.64	5.24	4.77	4.18	3.46	2.66	1.87	1.17	0.64	0.3	0.11	0.03	7.5	7.01	6.59	6.2	5.74	5.22
2.04	3.75	4.71	3.66	3.4	1.01	6.79	6.36	5.98	5.63	5.23	4.77	4.18	3.45	2.65	1.86	1.16	0.64	0.3	0.11	0.03	7.5	7.01	6.59	6.2	5.76	5.24
1.66	3.74	4.71	3.67	3.39	1.01	6.76	6.33	5.95	5.62	5.22	4.76	4.17	3.44	2.64	1.85	1.15	0.63	0.29	0.11	0.02	7.49	7	6.58	6.2	5.75	5.24
1.65	3.75	4.7	3.7	3.41	1.01	6.73	6.3	5.93	5.59	5.2	4.75	4.16	3.43	2.63	1.83	1.14	0.62	0.29	0.11	0.02	7.48	6.99	6.58	6.2	5.75	5.24
1.38	3.75	4.7	3.69	3.41	1.01	6.7	6.27	5.9	5.57	5.18	4.73	4.14	3.41	2.61	1.82	1.13	0.62	0.28	0.1	0.02	7.47	6.98	6.57	6.19	5.75	5.24
1.81	3.74	4.7	3.69	3.43	1.01	6.68	6.25	5.89	5.56	5.17	4.72	4.13	3.4	2.6	1.81	1.13	0.61	0.28	0.1	0.02	7.48	6.99	6.58	6.2	5.76	5.25
1.85	3.76	4.72	3.69	3.42	1.01	6.68	6.25	5.89	5.56	5.17	4.72	4.12	3.38	2.58	1.8	1.12	0.61	0.28	0.1	0.02	7.5	7.02	6.6	6.23	5.79	5.27
1.78	3.73	4.71	3.67	3.4	1.01	6.69	6.27	5.9	5.57	5.18	4.72	4.11	3.37	2.56	1.78	1.11	0.6	0.27	0.1	0.02	7.55	7.06	6.65	6.27	5.82	5.29
2.05	3.76	4.73	3.67	3.43	1.01	6.72	6.3	5.93	5.59	5.2	4.72	4.11	3.36	2.55	1.77	1.1	0.59	0.27	0.1	0.02	7.61	7.13	6.7	6.32	5.86	5.32
1.88	3.75	4.72	3.66	3.44	1.01	6.76	6.33	5.96	5.62	5.22	4.73	4.1	3.34	2.53	1.75	1.09	0.59	0.27	0.1	0.02	7.68	7.19	6.77	6.37	5.9	5.34
2.23	3.75	4.71	3.65	3.41	1.01	6.79	6.36	5.99	5.64	5.23	4.73	4.09	3.32	2.51	1.73	1.08	0.58	0.27	0.1	0.02	7.75	7.25	6.82	6.42	5.94	5.37
2.15	3.76	4.7	3.69	3.43	1.01	6.81	6.38	6.01	5.66	5.24	4.73	4.08	3.3	2.49	1.72	1.07	0.58	0.27	0.1	0.02	7.8	7.3	6.87	6.46	5.97	5.38
2	3.79	4.74	3.69	3.43	1.01	6.82	6.39	6.01	5.66	5.24	4.72	4.06	3.28	2.46	1.7	1.06	0.58	0.27	0.1	0.02	7.84	7.34	6.9	6.49	5.99	5.39
1.9	3.77	4.73	3.71	3.43	1.01	6.82	6.38	6.01	5.65	5.23	4.7	4.03	3.25	2.44	1.68	1.05	0.57	0.26	0.1	0.02	7.85	7.35	6.91	6.5	6	5.39
1.87	3.77	4.7	3.7	3.44	1.01	6.8	6.36	5.99	5.64	5.21	4.69	4.01	3.23	2.42	1.67	1.05	0.57	0.26	0.1	0.02	7.86	7.35	6.91	6.5	6	5.38
1.7	3.76	4.71	3.68	3.4	1.02	6.78	6.34	5.97	5.62	5.2	4.67	3.99	3.21	2.41	1.66	1.04	0.57	0.26	0.1	0.02	7.85	7.34	6.91	6.5	6	5.38
1.7	3.74	4.69	3.7	3.37	1.02	6.76	6.32	5.96	5.61	5.18	4.65	3.97	3.19	2.39	1.65	1.04	0.57	0.26	0.1	0.02	7.85	7.33	6.9	6.5	5.99	5.37
1.55	3.72	4.69	3.68	3.36	1.02	6.75	6.31	5.95	5.6	5.17	4.64	3.96	3.18	2.38	1.65	1.03	0.57	0.26	0.1	0.02	7.85	7.33	6.91	6.5	6	5.37
1.81	3.73	4.72	3.65	3.38	1.02	6.74	6.3	5.94	5.6	5.17	4.64	3.96	3.18	2.38	1.64	1.03	0.56	0.26	0.1	0.02	7.85	7.33	6.91	6.51	6.01	5.38
1.79	3.73	4.7	3.67	3.42	1.02	6.74	6.3	5.94	5.6	5.17	4.64	3.96	3.17	2.38	1.64	1.02	0.56	0.26	0.1	0.02	7.86	7.34	6.92	6.52	6.02	5.39
1.89	3.74	4.72	3.68	3.43	1.02	6.74	6.29	5.94	5.6	5.17	4.64	3.96	3.17	2.37	1.63	1.02	0.55	0.25	0.1	0.02	7.87	7.35	6.93	6.53	6.03	5.39
2.09	3.74	4.73	3.7	3.41	1.03	6.73	6.28	5.93	5.6	5.17	4.64	3.96	3.17	2.37	1.63	1.01	0.55	0.25	0.1	0.02	7.87	7.35	6.94	6.54	6.03	5.4
1.85	3.74	4.7	3.66	3.43	1.03	6.72	6.27	5.93	5.59	5.17	4.64	3.96	3.18	2.37	1.63	1.01	0.54	0.25	0.09	0.02	7.87	7.34	6.93	6.53	6.03	5.4
2.16	3.78	4.7	3.67	3.42	1.03	6.71	6.26	5.92	5.58	5.16	4.63	3.96	3.18	2.37	1.63	1	0.54	0.24	0.09	0.02	7.85	7.32	6.92	6.52	6.03	5.4
2	3.76	4.69	3.67	3.42	1.03	6.7	6.24	5.9	5.57	5.16	4.63	3.96	3.18	2.37	1.62	0.99	0.53	0.24	0.09	0.02	7.83	7.3	6.9	6.51	6.02	5.39
2.07	3.75	4.69	3.68	3.39	1.03	6.68	6.23	5.9	5.57	5.15	4.63	3.96	3.18	2.38	1.62	0.99	0.52	0.23	0.09	0.02	7.82	7.29	6.89	6.5	6.01	5.39
1.67	3.74	4.71	3.69	3.39	1.03	6.68	6.22	5.89	5.56	5.15	4.63	3.96	3.18	2.38	1.62	0.98	0.51	0.22	0.08	0.01	7.8	7.27	6.87	6.49	6	5.38
1.77	3.75	4.71	3.69	3.39	1.03	6.68	6.23	5.89	5.56	5.16	4.63	3.97	3.19	2.38	1.61	0.97	0.5	0.22	0.08	0.01	7.79	7.26	6.86	6.48	5.99	5.38
1.41	3.75	4.71	3.67	3.41	1.02	6.69	6.23	5.9	5.57	5.16	4.64	3.97	3.19	2.38	1.61	0.96	0.49	0.21	0.08	0.01	7.78	7.25	6.85	6.47	5.99	5.37
2.13	3.74	4.7	3.65	3.41	1.02	6.7	6.24	5.9	5.58	5.17	4.65	3.98	3.2	2.38	1.6	0.95	0.48	0.2	0.07	0.01	7.77	7.24	6.84	6.46	5.98	5.37
2.23	3.75	4.7	3.65	3.42	1.02	6.71	6.25	5.91	5.59	5.18	4.66	3.99	3.2	2.38	1.6	0.94	0.47	0.2	0.07	0.01	7.76	7.22	6.83	6.45	5.97	5.36
2.16	3.75	4.69	3.67	3.42	1.02	6.72	6.26	5.92	5.6	5.19	4.67	4	3.21	2.37	1.59	0.93	0.46	0.19	0.06	0.01	7.75	7.21	6.82	6.44	5.97	5.36
1.4	3.76	4.71	3.68	3.4	1.02	6.73	6.28	5.94	5.62	5.21	4.69	4.01	3.21	2.37	1.58	0.91	0.45	0.18	0.06	0.008	7.73	7.2	6.81	6.44	5.96	5.35
1.91	3.74	4.7	3.68	3.4	1.02	6.75	6.3	5.96	5.64	5.23	4.71	4.02	3.21	2.36	1.56	0.9	0.44	0.17	0.05	0.007	7.71	7.19				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.78	3.77	4.73	3.67	3.41	1.04	7.77	6.89	6.15	5.33	4.35	3.31	2.34	1.55	0.96	0.55	0.29	0.14	0.06	0.02	0.009	7.68	6.79	6.04	5.23	4.25	3.24
1.68	3.78	4.72	3.68	3.42	1.04	7.74	6.84	6.07	5.23	4.23	3.21	2.26	1.5	0.93	0.54	0.28	0.13	0.06	0.02	0.008	7.66	6.74	5.96	5.13	4.15	3.14
1.88	3.78	4.71	3.69	3.43	1.05	7.69	6.76	5.97	5.12	4.11	3.09	2.17	1.44	0.9	0.52	0.27	0.13	0.06	0.02	0.009	7.6	6.66	5.86	5.02	4.02	3.03
1.63	3.76	4.7	3.68	3.42	1.05	7.62	6.66	5.85	4.98	3.98	2.98	2.09	1.39	0.88	0.51	0.27	0.13	0.06	0.02	0.009	7.53	6.56	5.74	4.89	3.89	2.92
1.63	3.75	4.71	3.69	3.43	1.05	7.53	6.54	5.71	4.84	3.84	2.87	2.01	1.35	0.86	0.5	0.27	0.14	0.06	0.03	0.01	7.45	6.45	5.61	4.75	3.76	2.81
2.17	3.75	4.71	3.69	3.41	1.05	7.44	6.42	5.57	4.69	3.7	2.76	1.94	1.3	0.83	0.5	0.27	0.14	0.06	0.03	0.01	7.36	6.32	5.47	4.6	3.63	2.7
1.7	3.76	4.7	3.69	3.43	1.04	7.34	6.29	5.42	4.55	3.57	2.65	1.87	1.26	0.81	0.49	0.27	0.14	0.07	0.03	0.01	7.26	6.2	5.33	4.46	3.5	2.6
1.58	3.77	4.7	3.69	3.42	1.04	7.24	6.16	5.28	4.4	3.44	2.56	1.81	1.22	0.79	0.48	0.27	0.14	0.07	0.03	0.01	7.16	6.07	5.18	4.32	3.37	2.5
1.74	3.75	4.67	3.7	3.42	1.04	7.14	6.03	5.14	4.26	3.32	2.47	1.75	1.19	0.77	0.47	0.26	0.14	0.07	0.04	0.01	7.07	5.95	5.05	4.18	3.25	2.41
2.22	3.75	4.67	3.68	3.4	1.03	7.05	5.91	5	4.13	3.21	2.38	1.69	1.15	0.75	0.46	0.26	0.14	0.06	0.04	0.01	6.98	5.82	4.91	4.05	3.14	2.33
2.12	3.76	4.71	3.7	3.41	1.02	6.96	5.8	4.87	4.01	3.1	2.31	1.64	1.12	0.73	0.44	0.25	0.13	0.06	0.03	0.01	6.89	5.7	4.78	3.92	3.03	2.26
2.09	3.75	4.73	3.67	3.44	1.02	6.88	5.68	4.75	3.89	3	2.24	1.6	1.09	0.71	0.43	0.24	0.13	0.06	0.03	0.01	6.8	5.59	4.65	3.8	2.94	2.18
2.08	3.76	4.72	3.68	3.43	1.01	6.81	5.57	4.63	3.78	2.91	2.17	1.55	1.06	0.69	0.42	0.24	0.12	0.05	0.03	0.01	6.72	5.47	4.53	3.69	2.84	2.12
1.97	3.76	4.7	3.69	3.37	1	6.74	5.46	4.52	3.67	2.83	2.11	1.51	1.03	0.67	0.4	0.23	0.11	0.05	0.02	0.009	6.64	5.35	4.41	3.58	2.76	2.06
1.62	3.75	4.7	3.7	3.41	0.99	6.67	5.35	4.4	3.57	2.75	2.06	1.47	1	0.64	0.39	0.22	0.11	0.04	0.02	0.007	6.55	5.22	4.29	3.47	2.68	2
1.9	3.75	4.7	3.66	3.38	0.99	6.61	5.24	4.3	3.48	2.68	2.01	1.44	0.97	0.63	0.37	0.21	0.1	0.04	0.02	0.006	6.47	5.1	4.17	3.37	2.6	1.95
1.72	3.74	4.7	3.7	3.43	0.98	6.54	5.13	4.19	3.39	2.62	1.96	1.4	0.95	0.61	0.36	0.2	0.1	0.04	0.02	0.005	6.39	4.97	4.06	3.28	2.53	1.9
1.75	3.74	4.71	3.69	3.42	0.98	6.48	5.01	4.09	3.3	2.56	1.92	1.37	0.93	0.59	0.35	0.2	0.09	0.04	0.02	0.005	6.3	4.85	3.94	3.19	2.47	1.86
1.75	3.73	4.72	3.7	3.43	0.98	6.42	4.9	3.99	3.23	2.5	1.88	1.35	0.91	0.58	0.35	0.19	0.09	0.04	0.02	0.005	6.22	4.72	3.84	3.1	2.41	1.82
1.89	3.73	4.71	3.68	3.43	0.98	6.35	4.8	3.89	3.15	2.45	1.85	1.32	0.89	0.56	0.34	0.19	0.09	0.04	0.02	0.006	6.13	4.61	3.74	3.02	2.36	1.78
1.77	3.74	4.72	3.67	3.4	0.98	6.28	4.69	3.81	3.08	2.41	1.81	1.29	0.87	0.55	0.33	0.19	0.09	0.04	0.02	0.006	6.04	4.49	3.64	2.95	2.3	1.74
1.94	3.74	4.71	3.69	3.4	0.98	6.19	4.59	3.72	3.02	2.36	1.78	1.27	0.85	0.54	0.32	0.19	0.09	0.04	0.02	0.007	5.94	4.38	3.55	2.88	2.26	1.71
1.86	3.74	4.72	3.68	3.44	0.98	6.1	4.5	3.65	2.96	2.32	1.75	1.24	0.83	0.53	0.32	0.18	0.09	0.04	0.02	0.006	5.83	4.28	3.47	2.82	2.21	1.67
1.85	3.74	4.71	3.68	3.43	0.98	6	4.41	3.58	2.91	2.29	1.72	1.22	0.81	0.51	0.31	0.18	0.08	0.04	0.02	0.006	5.72	4.18	3.4	2.76	2.18	1.64
2.04	3.74	4.71	3.69	3.44	0.98	5.9	4.33	3.52	2.87	2.25	1.7	1.2	0.79	0.5	0.3	0.17	0.08	0.04	0.01	0.005	5.6	4.1	3.33	2.72	2.14	1.62
2.01	3.76	4.72	3.69	3.42	0.99	5.81	4.27	3.48	2.83	2.23	1.67	1.18	0.78	0.49	0.3	0.16	0.08	0.03	0.01	0.004	5.5	4.03	3.28	2.68	2.11	1.59
1.71	3.72	4.7	3.68	3.4	0.97	8.15	7.72	7.31	6.86	6.25	5.46	4.46	3.31	2.18	1.23	0.6	0.27	0.12	0.04	0.01	8.2	7.74	7.3	6.84	6.22	5.42
1.2	3.73	4.7	3.68	3.42	0.97	8.21	7.83	7.43	7	6.42	5.64	4.63	3.47	2.3	1.31	0.64	0.29	0.12	0.05	0.01	8.26	7.85	7.44	7	6.39	5.61
1.73	3.72	4.7	3.7	3.4	0.98	8.26	7.92	7.54	7.14	6.57	5.81	4.8	3.61	2.41	1.39	0.68	0.3	0.13	0.05	0.01	8.32	7.96	7.56	7.14	6.56	5.78
1.6	3.73	4.68	3.72	3.38	0.98	8.32	8.01	7.65	7.26	6.72	5.97	4.96	3.75	2.52	1.46	0.72	0.32	0.13	0.05	0.01	8.39	8.05	7.68	7.27	6.72	5.95
1.68	3.71	4.7	3.7	3.39	0.98	8.37	8.09	7.75	7.38	6.86	6.12	5.1	3.88	2.62	1.53	0.76	0.33	0.13	0.05	0.01	8.46	8.15	7.79	7.41	6.87	6.11
1.26	3.73	4.69	3.71	3.4	0.99	8.42	8.16	7.83	7.49	6.98	6.25	5.23	3.99	2.71	1.59	0.78	0.34	0.13	0.04	0.009	8.52	8.24	7.9	7.52	7	6.25
1.63	3.72	4.69	3.7	3.39	0.99	8.46	8.22	7.91	7.57	7.08	6.36	5.33	4.07	2.78	1.63	0.81	0.35	0.13	0.04	0.005	8.58	8.31	7.98	7.63	7.11	6.37
1.82	3.72	4.71	3.72	3.39	0.99	8.49	8.25	7.95	7.62	7.14	6.43	5.39	4.13	2.82	1.67	0.83	0.35	0.13	0.03	0.001	8.62	8.36	8.04	7.7	7.19	6.45
1.74	3.72	4.68	3.73	3.4	0.99	8.49	8.25	7.96	7.64	7.17	6.46	5.43	4.16	2.85	1.69	0.84	0.35	0.12	0.03	-0.004	8.64	8.38	8.07	7.73	7.23	6.5
1.87	3.73	4.67	3.71	3.39	0.99	8.47	8.23	7.94	7.63	7.16	6.46	5.43	4.17	2.87	1.71	0.85	0.36	0.12	0.02	-0.006	8.63	8.38	8.07	7.73	7.24	6.51
1.77	3.73	4.68	3.73	3.4	0.99	8.43	8.18	7.89	7.58	7.12	6.42	5.4	4.16	2.87	1.72	0.86	0.36	0.12	0.02	-0.006	8.6	8.34	8.02	7.69	7.2	6.48
2.34	3.74	4.66	3.68	3.42	0.99	8.38	8.12	7.83	7.52	7.05	6.36	5.36	4.13	2.86	1.73	0.88	0.38	0.13	0.03	-0.005	8.57	8.29	7.98	7.64	7.15	6.43
2.17	3.71	4.68	3.68	3.38	0.99	8.33	8.06	7.75	7.44	6.97	6.28	5.29	4.09	2.85	1.74	0.9	0.39	0.14	0.03	-0.004	8.53	8.24	7.91	7.58	7.09	6.37
1.39	3.72	4.7	3.65	3.38	0.99	8.27	7.99	7.67	7.35	6.88	6.19	5.21	4.04	2.83	1.75	0.92	0.41	0.15	0.04	-0.003	8.49	8.18	7.84	7.5	7	6.28
1.36	3.71	4.68	3.7	3.39	0.99	8.22	7.93	7.6	7.27	6.79	6.1	5.13	3.98	2.81	1.75	0.94	0.42	0.16	0.04	-0.001	8.45	8.13	7.78	7.43	6.93	6.2
1.9	3.71	4.69	3.69	3.38	0.99	8.18	7.88	7.55	7.21	6.71	6.01	5.05	3.93	2.78	1.75	0.95	0.44	0.16	0.05	0.002	8.42	8.1	7.74	7.38	6.86	6.12
1.88	3.68	4.67	3.69	3.38	0.99	8.16	7.85	7.51	7.15	6.65	5.94	4.98	3.87	2.76	1.75	0.97	0.45	0.17	0.05	0.004	8.41	8.07	7.7	7.33	6.8	6.05
2.09	3.71	4.67	3.71	3.4	0.99	8.14	7.82	7.48	7.11	6.59	5.87	4.92	3.82	2.73	1.75	0.98	0.46	0.18	0.06	0.007	8.41	8.06	7.68	7.3	6.75	5.99
2.08	3.71	4.7	3.72	3.42	0.99	8.13	7.8	7.45	7.08	6.55	5.82	4.86	3.78	2.71	1.75	0.99	0.48	0.19	0.06	0.009	8.4	8.04	7.66	7.27	6.71	5.94
2	3.74	4.69	3.7	3.42	0.99	8.1	7.76	7.41	7.04	6.5	5.76	4.81	3.74	2.69	1.75	1	0.49	0.2	0.06	0.01	8.38	8.01	7.64	7.23	6.66	5.89
1.94	3.71	4.67	3.67	3.39	0.99	8.06	7.72	7.37	6.99	6.44	5.71	4.77	3.71	2.68	1.75	1.02	0.51	0.21	0.07	0.01	8.35	7.97	7.6	7.18	6.61	5.84
0.58	3.71	4.68	3.7	3.42	0.99	8.01	7.66	7.31	6.93	6.39	5.66	4.73	3.69	2.67	1.76	1.03	0.52	0.21	0.07	0.01	8.29	7.91	7.54	7.13	6.56	5.79
1.67	3.73	4.68	3.68	3.4	0.99	7.94	7.58	7.25	6.87	6.33	5.61	4.7	3.67	2.67	1.77	1.04	0.53	0.22	0.08	0.01	8.22	7.84	7.47	7.07	6.5	5.75
1.79	3.7	4.68	3.69	3.42	0.99	7.87	7.51	7.18	6.8	6.28	5.58	4.68	3.67	2.68</												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.02	3.73	4.69	3.69	3.39	1	8.08	7.67	7.29	6.94	6.52	6.05	5.48	4.8	3.98	3.04	2.06	1.2	0.57	0.22	0.06	7.93	7.5	7.11	6.75	6.32	5.85
1.8	3.73	4.7	3.7	3.39	1	8.07	7.65	7.27	6.92	6.5	6.03	5.47	4.79	3.97	3.04	2.07	1.21	0.58	0.23	0.06	7.92	7.48	7.09	6.73	6.31	5.84
1.72	3.74	4.69	3.73	3.41	1.01	8.06	7.63	7.25	6.9	6.48	6.01	5.45	4.78	3.97	3.04	2.08	1.22	0.59	0.23	0.06	7.92	7.47	7.08	6.72	6.3	5.83
1.79	3.73	4.67	3.67	3.4	1.01	8.04	7.61	7.23	6.88	6.46	5.99	5.44	4.77	3.96	3.04	2.08	1.22	0.59	0.23	0.06	7.92	7.47	7.07	6.72	6.29	5.82
0.88	3.71	4.67	3.68	3.4	1.01	8.02	7.6	7.22	6.86	6.44	5.98	5.42	4.75	3.95	3.03	2.08	1.22	0.59	0.23	0.06	7.92	7.47	7.08	6.72	6.29	5.82
1.96	3.75	4.68	3.73	3.4	1.01	8	7.58	7.2	6.85	6.43	5.96	5.41	4.74	3.94	3.02	2.07	1.21	0.59	0.23	0.06	7.92	7.48	7.09	6.72	6.3	5.83
1.81	3.72	4.69	3.7	3.41	1.01	7.99	7.58	7.2	6.85	6.43	5.96	5.4	4.73	3.92	3.01	2.06	1.21	0.59	0.23	0.06	7.94	7.51	7.11	6.75	6.32	5.84
2.02	3.74	4.68	3.7	3.39	1.01	7.99	7.59	7.2	6.85	6.43	5.96	5.39	4.72	3.91	3	2.05	1.2	0.59	0.23	0.06	7.97	7.54	7.14	6.78	6.34	5.87
2.23	3.73	4.68	3.7	3.41	1.01	7.99	7.59	7.21	6.85	6.43	5.96	5.39	4.71	3.9	2.99	2.04	1.2	0.59	0.23	0.06	8.01	7.58	7.17	6.81	6.38	5.89
1.93	3.71	4.68	3.68	3.41	1.01	7.99	7.59	7.21	6.86	6.43	5.96	5.39	4.7	3.89	2.97	2.03	1.19	0.59	0.23	0.06	8.04	7.62	7.21	6.84	6.41	5.92
1.37	3.72	4.69	3.69	3.38	1.01	7.98	7.58	7.21	6.85	6.43	5.95	5.38	4.69	3.88	2.96	2.02	1.19	0.59	0.24	0.06	8.07	7.64	7.24	6.87	6.43	5.94
1.58	3.72	4.68	3.72	3.4	1.01	7.96	7.56	7.19	6.84	6.42	5.94	5.37	4.68	3.87	2.95	2.01	1.19	0.59	0.24	0.06	8.08	7.65	7.25	6.89	6.45	5.96
2.26	3.74	4.69	3.71	3.41	1.01	7.93	7.53	7.16	6.82	6.4	5.93	5.35	4.66	3.85	2.94	2.01	1.18	0.59	0.24	0.06	8.07	7.64	7.25	6.89	6.45	5.96
2.12	3.71	4.68	3.7	3.4	1	7.89	7.49	7.13	6.79	6.38	5.91	5.33	4.65	3.84	2.93	2	1.18	0.59	0.24	0.06	8.06	7.62	7.24	6.88	6.45	5.96
1.87	3.7	4.7	3.72	3.38	1	7.84	7.44	7.09	6.75	6.35	5.88	5.32	4.64	3.83	2.93	2	1.18	0.58	0.24	0.06	8.03	7.59	7.21	6.86	6.44	5.95
1.85	3.71	4.7	3.72	3.42	1	7.8	7.39	7.04	6.71	6.32	5.86	5.3	4.63	3.83	2.93	2	1.18	0.58	0.24	0.07	8	7.56	7.19	6.85	6.43	5.95
1.91	3.71	4.69	3.69	3.38	1	7.77	7.35	7.01	6.68	6.29	5.83	5.28	4.62	3.83	2.93	2	1.18	0.58	0.24	0.07	7.99	7.54	7.17	6.83	6.42	5.94
1.65	3.69	4.69	3.7	3.37	0.99	7.74	7.31	6.98	6.65	6.26	5.81	5.27	4.61	3.83	2.93	1.99	1.18	0.58	0.24	0.07	7.98	7.52	7.16	6.82	6.41	5.94
2.01	3.72	4.69	3.67	3.38	1	7.72	7.29	6.95	6.63	6.24	5.79	5.26	4.61	3.83	2.93	1.99	1.17	0.58	0.24	0.07	7.98	7.51	7.15	6.81	6.41	5.93
1.81	3.73	4.7	3.71	3.39	1	7.7	7.27	6.94	6.61	6.23	5.78	5.25	4.6	3.83	2.93	1.99	1.17	0.58	0.24	0.07	7.98	7.52	7.15	6.82	6.41	5.94
1.26	3.73	4.68	3.71	3.39	1	7.69	7.27	6.93	6.6	6.22	5.77	5.25	4.6	3.82	2.92	1.98	1.16	0.58	0.24	0.07	7.99	7.54	7.17	6.83	6.42	5.95
1.89	3.73	4.68	3.68	3.4	1.01	7.69	7.28	6.93	6.6	6.22	5.77	5.24	4.6	3.82	2.92	1.97	1.16	0.58	0.24	0.07	8.01	7.57	7.19	6.85	6.44	5.97
1.61	3.76	4.71	3.68	3.41	1.01	7.69	7.29	6.93	6.6	6.22	5.77	5.24	4.59	3.81	2.91	1.96	1.15	0.58	0.24	0.07	8.04	7.6	7.22	6.87	6.46	5.98
2.04	3.76	4.71	3.72	3.4	1.02	7.69	7.29	6.93	6.6	6.21	5.76	5.23	4.58	3.8	2.89	1.95	1.15	0.57	0.24	0.07	8.06	7.63	7.24	6.89	6.48	6
1.43	3.74	4.71	3.71	3.39	1.02	7.69	7.3	6.93	6.6	6.21	5.76	5.22	4.56	3.78	2.88	1.94	1.14	0.57	0.24	0.07	8.08	7.66	7.26	6.91	6.49	6.01
1.81	3.74	4.69	3.74	3.39	1.03	7.68	7.29	6.92	6.59	6.2	5.74	5.2	4.54	3.75	2.86	1.93	1.13	0.57	0.24	0.07	8.1	7.67	7.27	6.92	6.5	6.01
1.4	3.74	4.7	3.71	3.39	1.03	7.67	7.26	6.9	6.57	6.18	5.72	5.17	4.5	3.72	2.83	1.91	1.12	0.57	0.24	0.07	8.1	7.66	7.26	6.91	6.49	6
1.62	3.71	4.67	3.7	3.38	1.03	7.64	7.23	6.86	6.54	6.14	5.69	5.13	4.46	3.68	2.79	1.89	1.11	0.57	0.24	0.07	8.09	7.64	7.24	6.89	6.47	5.98
1.87	3.7	4.7	3.72	3.37	1.03	7.6	7.18	6.82	6.5	6.11	5.65	5.09	4.42	3.63	2.75	1.86	1.11	0.56	0.24	0.07	8.06	7.6	7.21	6.86	6.44	5.95
1.31	3.71	4.68	3.71	3.39	1.03	7.56	7.13	6.78	6.45	6.07	5.61	5.05	4.37	3.58	2.72	1.84	1.1	0.56	0.24	0.07	8.02	7.56	7.17	6.83	6.41	5.92
1.71	3.7	4.7	3.71	3.37	1.03	7.5	7.08	6.73	6.41	6.03	5.57	5	4.32	3.54	2.68	1.82	1.09	0.56	0.24	0.07	7.98	7.51	7.14	6.79	6.38	5.89
2.2	3.74	4.68	3.7	3.36	1.03	7.45	7.03	6.69	6.37	5.99	5.53	4.96	4.28	3.5	2.65	1.8	1.08	0.56	0.24	0.07	7.94	7.48	7.11	6.77	6.36	5.86
2.01	3.7	4.72	3.71	3.39	1.04	7.41	7	6.67	6.35	5.97	5.5	4.93	4.24	3.46	2.62	1.78	1.07	0.56	0.24	0.07	7.92	7.46	7.1	6.76	6.34	5.84
1.51	3.73	4.71	3.7	3.39	1.04	7.39	6.98	6.65	6.33	5.95	5.49	4.91	4.22	3.43	2.59	1.77	1.07	0.56	0.24	0.07	7.92	7.47	7.1	6.76	6.34	5.84
1.89	3.7	4.71	3.68	3.4	1.04	7.39	6.99	6.65	6.33	5.95	5.48	4.89	4.2	3.41	2.57	1.76	1.06	0.56	0.24	0.07	7.94	7.5	7.13	6.78	6.36	5.85
1.76	3.72	4.7	3.7	3.4	1.04	7.4	7	6.66	6.33	5.95	5.47	4.89	4.18	3.39	2.55	1.74	1.06	0.55	0.24	0.07	7.97	7.53	7.16	6.81	6.38	5.86
1.98	3.73	4.68	3.7	3.42	1.04	7.41	7.02	6.67	6.35	5.95	5.48	4.88	4.17	3.37	2.54	1.73	1.05	0.55	0.24	0.07	8.02	7.58	7.2	6.84	6.41	5.88
1.83	3.74	4.69	3.69	3.44	1.04	7.42	7.03	6.68	6.35	5.96	5.48	4.87	4.16	3.36	2.52	1.72	1.04	0.55	0.24	0.07	8.05	7.62	7.23	6.87	6.43	5.9
1.87	3.72	4.67	3.74	3.41	1.03	7.42	7.04	6.68	6.35	5.96	5.47	4.87	4.14	3.34	2.51	1.71	1.04	0.55	0.24	0.07	8.07	7.64	7.25	6.88	6.44	5.9
1.59	3.71	4.66	3.72	3.41	1.03	7.41	7.03	6.67	6.34	5.94	5.46	4.85	4.13	3.33	2.49	1.7	1.03	0.54	0.23	0.07	8.07	7.64	7.24	6.88	6.44	5.9
1.75	3.73	4.68	3.7	3.38	1.02	7.38	7	6.64	6.31	5.92	5.43	4.83	4.11	3.31	2.48	1.69	1.02	0.54	0.23	0.07	8.04	7.62	7.22	6.86	6.41	5.87
1.86	3.73	4.69	3.69	3.4	1.01	7.32	6.95	6.6	6.27	5.88	5.4	4.8	4.09	3.3	2.47	1.68	1.02	0.53	0.23	0.07	7.98	7.57	7.17	6.81	6.37	5.84
1.95	3.7	4.69	3.66	3.39	1.01	7.26	6.89	6.54	6.22	5.83	5.36	4.77	4.07	3.28	2.46	1.67	1.01	0.53	0.23	0.07	7.91	7.5	7.1	6.75	6.31	5.79
2.03	3.7	4.71	3.68	3.39	1	7.19	6.83	6.48	6.16	5.78	5.31	4.74	4.05	3.27	2.45	1.67	1.01	0.52	0.22	0.07	7.83	7.41	7.03	6.68	6.25	5.73
1.88	3.69	4.69	3.64	3.36	0.99	7.13	6.76	6.42	6.11	5.73	5.27	4.71	4.03	3.26	2.44	1.67	1.01	0.52	0.22	0.07	7.75	7.34	6.96	6.61	6.19	5.68
1.77	3.68	4.7	3.67	3.35	0.99	7.09	6.71	6.37	6.07	5.69	5.24	4.68	4.01	3.25	2.44	1.67	1	0.52	0.22	0.06	7.69	7.27	6.89	6.55	6.13	5.64
2.07	3.69	4.66	3.7	3.35	0.99	7.06	6.68	6.34	6.03	5.66	5.22	4.66	4	3.25	2.44	1.66	1	0.51	0.22	0.06	7.64	7.21	6.84	6.5	6.09	5.6
2.13	3.69	4.65	3.69	3.36	0.98	7.05	6.66	6.32	6.02	5.65	5.2	4.65	3.99	3.24	2.44	1.66	0.99	0.51	0.21	0.06	7.61	7.18	6.8	6.47	6.06	5.57
2.23	3.71	4.68	3.7	3.39	0.98	7.05	6.66	6.32	6.01	5.64	5.2	4.65	3.99	3.24	2.43	1.65	0.99	0.5	0.21	0.06	7.6	7.16	6.78	6.44	6.03	5.55
1.8	3.71	4.66	3.7	3.39	0.98	7.07	6.68	6.33	6.02	5.65	5.2	4.65	3.99	3.24	2.43	1.65	0.98	0.5	0.21	0.06	7.6	7.				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.51	3.69	4.68	3.69	3.39	1	7.13	6.56	6.18	5.84	5.46	5.03	4.51	3.88	3.15	2.34	1.54	0.88	0.41	0.15	0.04	7.31	6.71	6.31	5.96	5.56	5.12
1.41	3.69	4.69	3.62	3.38	1	7.13	6.56	6.18	5.84	5.46	5.03	4.5	3.87	3.13	2.32	1.52	0.86	0.4	0.15	0.04	7.29	6.69	6.3	5.95	5.55	5.11
1.45	3.71	4.68	3.69	3.37	1.01	7.13	6.55	6.17	5.83	5.45	5.02	4.49	3.85	3.11	2.3	1.5	0.85	0.4	0.15	0.04	7.27	6.67	6.28	5.93	5.53	5.09
1.93	3.71	4.7	3.7	3.37	1.01	7.11	6.54	6.16	5.82	5.44	5	4.48	3.83	3.09	2.28	1.49	0.84	0.39	0.15	0.03	7.24	6.65	6.26	5.91	5.51	5.07
1.99	3.71	4.68	3.68	3.37	1.02	7.08	6.51	6.14	5.8	5.42	4.99	4.46	3.81	3.06	2.25	1.47	0.83	0.39	0.15	0.03	7.2	6.62	6.23	5.88	5.48	5.04
1.56	3.71	4.72	3.71	3.39	1.03	7.05	6.49	6.12	5.78	5.4	4.97	4.44	3.79	3.04	2.23	1.45	0.82	0.39	0.15	0.03	7.17	6.59	6.21	5.85	5.46	5.02
1.7	3.73	4.7	3.73	3.42	1.04	7.02	6.46	6.1	5.75	5.38	4.95	4.42	3.77	3.02	2.21	1.44	0.81	0.39	0.15	0.03	7.13	6.56	6.18	5.83	5.44	5
1.8	3.73	4.7	3.67	3.41	1.04	6.99	6.44	6.08	5.74	5.36	4.93	4.4	3.75	3	2.2	1.43	0.81	0.39	0.15	0.04	7.12	6.55	6.17	5.81	5.43	4.99
1.87	3.74	4.7	3.73	3.41	1.05	6.97	6.43	6.07	5.73	5.35	4.92	4.39	3.74	2.99	2.19	1.43	0.81	0.39	0.16	0.04	7.11	6.55	6.16	5.81	5.42	4.98
2.26	3.74	4.69	3.71	3.44	1.06	6.97	6.43	6.06	5.72	5.34	4.91	4.38	3.73	2.98	2.18	1.42	0.81	0.39	0.16	0.04	7.12	6.56	6.17	5.82	5.43	4.99
2.26	3.74	4.69	3.69	3.46	1.06	6.97	6.44	6.07	5.73	5.35	4.91	4.37	3.72	2.97	2.17	1.41	0.8	0.39	0.16	0.04	7.14	6.59	6.19	5.84	5.45	5
2.15	3.74	4.7	3.72	3.42	1.06	6.98	6.46	6.07	5.73	5.35	4.91	4.37	3.71	2.96	2.16	1.41	0.8	0.39	0.16	0.04	7.17	6.63	6.22	5.86	5.47	5.01
2.13	3.72	4.68	3.68	3.41	1.06	6.99	6.47	6.08	5.74	5.35	4.92	4.37	3.71	2.95	2.15	1.4	0.8	0.39	0.16	0.04	7.22	6.67	6.25	5.89	5.49	5.03
2.09	3.73	4.68	3.69	3.41	1.05	7	6.48	6.09	5.74	5.35	4.91	4.37	3.71	2.95	2.15	1.39	0.79	0.4	0.16	0.04	7.25	6.7	6.28	5.92	5.51	5.05
2.12	3.74	4.68	3.73	3.42	1.05	7.01	6.48	6.08	5.74	5.35	4.91	4.36	3.7	2.94	2.14	1.39	0.79	0.39	0.16	0.04	7.29	6.73	6.3	5.93	5.52	5.06
2.15	3.73	4.67	3.69	3.42	1.04	7.01	6.47	6.07	5.72	5.34	4.9	4.35	3.69	2.94	2.14	1.39	0.79	0.4	0.16	0.04	7.31	6.73	6.3	5.93	5.52	5.05
2.12	3.73	4.69	3.7	3.41	1.03	6.99	6.45	6.04	5.7	5.31	4.88	4.34	3.68	2.93	2.14	1.39	0.8	0.4	0.16	0.04	7.31	6.72	6.28	5.92	5.51	5.04
2.13	3.69	4.67	3.68	3.36	1.02	6.97	6.41	6	5.67	5.29	4.85	4.32	3.67	2.93	2.14	1.39	0.8	0.4	0.17	0.04	7.29	6.68	6.25	5.89	5.48	5.02
2.14	3.68	4.7	3.67	3.37	1.01	6.93	6.36	5.96	5.63	5.25	4.83	4.3	3.66	2.92	2.14	1.4	0.8	0.4	0.17	0.04	7.26	6.64	6.21	5.85	5.45	5
2.01	3.71	4.7	3.59	3.37	0.99	6.9	6.32	5.93	5.6	5.22	4.8	4.29	3.65	2.92	2.14	1.4	0.81	0.4	0.17	0.04	7.22	6.59	6.17	5.82	5.42	4.97
1.65	3.7	4.68	3.64	3.36	0.98	6.86	6.28	5.9	5.57	5.2	4.78	4.27	3.64	2.92	2.14	1.41	0.81	0.4	0.17	0.04	7.18	6.55	6.13	5.78	5.39	4.95
2.06	3.68	4.64	3.69	3.4	0.97	6.84	6.26	5.88	5.55	5.19	4.77	4.26	3.64	2.91	2.14	1.41	0.82	0.41	0.18	0.04	7.14	6.52	6.11	5.76	5.37	4.93
2.11	3.7	4.65	3.72	3.36	0.96	6.83	6.25	5.87	5.55	5.18	4.77	4.26	3.64	2.91	2.14	1.41	0.82	0.41	0.18	0.05	7.11	6.5	6.09	5.74	5.35	4.92
1.86	3.72	4.67	3.72	3.37	0.96	6.83	6.25	5.88	5.55	5.19	4.77	4.26	3.64	2.91	2.14	1.42	0.82	0.41	0.18	0.05	7.1	6.48	6.08	5.73	5.34	4.91
1.74	3.7	4.67	3.69	3.36	0.95	6.84	6.27	5.9	5.57	5.2	4.79	4.28	3.65	2.92	2.15	1.42	0.83	0.42	0.18	0.05	7.09	6.47	6.08	5.73	5.34	4.91
1.73	3.67	4.68	3.69	3.37	0.95	6.87	6.29	5.92	5.59	5.22	4.8	4.29	3.65	2.92	2.15	1.42	0.83	0.42	0.18	0.05	7.08	6.47	6.07	5.72	5.34	4.91
1.67	3.69	4.68	3.69	3.39	0.95	6.89	6.31	5.94	5.61	5.24	4.82	4.3	3.67	2.93	2.15	1.42	0.83	0.43	0.18	0.05	7.08	6.46	6.07	5.72	5.33	4.9
1.83	3.7	4.68	3.7	3.39	0.95	6.92	6.34	5.98	5.64	5.27	4.85	4.32	3.68	2.94	2.16	1.43	0.84	0.43	0.19	0.05	7.07	6.46	6.07	5.72	5.33	4.9
1.97	3.69	4.68	3.71	3.39	0.95	6.96	6.38	6.01	5.67	5.29	4.87	4.34	3.69	2.95	2.17	1.44	0.84	0.43	0.19	0.05	7.06	6.46	6.07	5.72	5.33	4.9
1.8	3.69	4.68	3.69	3.36	0.95	6.99	6.42	6.05	5.7	5.32	4.89	4.36	3.71	2.97	2.18	1.44	0.85	0.43	0.19	0.05	7.06	6.46	6.07	5.72	5.33	4.89
1.93	3.69	4.7	3.71	3.38	0.95	7.04	6.47	6.09	5.74	5.36	4.92	4.38	3.73	2.98	2.19	1.45	0.85	0.44	0.19	0.05	7.06	6.47	6.08	5.73	5.33	4.89
1.83	3.69	4.69	3.68	3.38	0.96	7.09	6.52	6.13	5.78	5.39	4.95	4.41	3.75	2.99	2.2	1.46	0.86	0.44	0.19	0.05	7.08	6.49	6.09	5.74	5.34	4.9
1.33	3.7	4.7	3.65	3.37	0.97	7.16	6.58	6.18	5.83	5.43	4.98	4.43	3.77	3.01	2.21	1.47	0.86	0.44	0.19	0.05	7.11	6.51	6.11	5.75	5.35	4.91
1.9	3.72	4.7	3.67	3.39	0.98	7.24	6.63	6.23	5.87	5.47	5.01	4.45	3.78	3.03	2.22	1.48	0.87	0.44	0.19	0.05	7.15	6.54	6.13	5.77	5.36	4.91
2.18	3.72	4.7	3.71	3.42	0.99	7.3	6.68	6.26	5.9	5.49	5.03	4.47	3.8	3.04	2.24	1.49	0.88	0.45	0.19	0.05	7.18	6.55	6.13	5.77	5.36	4.91
1.96	3.73	4.69	3.66	3.41	1	7.35	6.7	6.28	5.91	5.51	5.04	4.48	3.81	3.06	2.26	1.51	0.89	0.45	0.19	0.05	7.19	6.54	6.12	5.75	5.35	4.9
1.74	3.74	4.69	3.69	3.42	1	7.37	6.7	6.28	5.92	5.51	5.05	4.49	3.82	3.08	2.28	1.53	0.9	0.46	0.2	0.05	7.18	6.51	6.09	5.73	5.33	4.87
1.71	3.74	4.68	3.72	3.39	1.01	7.38	6.69	6.27	5.91	5.5	5.04	4.49	3.84	3.1	2.31	1.55	0.92	0.47	0.2	0.05	7.15	6.46	6.05	5.69	5.29	4.85
2.08	3.72	4.69	3.71	3.38	1.02	7.37	6.68	6.26	5.9	5.49	5.04	4.49	3.85	3.12	2.33	1.57	0.93	0.48	0.21	0.06	7.11	6.41	6	5.65	5.25	4.81
1.97	3.72	4.68	3.7	3.41	1.02	7.36	6.66	6.25	5.89	5.49	5.03	4.5	3.86	3.14	2.36	1.6	0.95	0.48	0.21	0.06	7.05	6.36	5.96	5.61	5.22	4.78
1.86	3.71	4.71	3.69	3.39	1.02	7.36	6.66	6.25	5.89	5.49	5.04	4.51	3.88	3.17	2.4	1.62	0.96	0.49	0.21	0.06	7.01	6.32	5.92	5.58	5.19	4.76
2.05	3.72	4.71	3.67	3.41	1.03	7.37	6.67	6.27	5.91	5.51	5.06	4.53	3.91	3.2	2.43	1.65	0.98	0.5	0.21	0.06	6.99	6.3	5.91	5.56	5.18	4.75
2.01	3.72	4.72	3.66	3.39	1.03	7.42	6.71	6.3	5.93	5.53	5.08	4.55	3.93	3.23	2.46	1.67	0.99	0.5	0.21	0.06	7	6.31	5.91	5.56	5.18	4.75
2.11	3.75	4.7	3.7	3.39	1.03	7.48	6.76	6.34	5.97	5.57	5.11	4.58	3.96	3.26	2.49	1.69	1	0.5	0.21	0.06	7.03	6.33	5.92	5.57	5.19	4.76
1.96	3.73	4.71	3.67	3.41	1.03	7.55	6.82	6.39	6.02	5.61	5.15	4.61	3.99	3.29	2.51	1.71	1.01	0.51	0.21	0.05	7.07	6.35	5.94	5.59	5.2	4.77
1.98	3.74	4.71	3.72	3.41	1.04	7.62	6.88	6.44	6.06	5.64	5.18	4.64	4.02	3.32	2.54	1.73	1.02	0.51	0.2	0.05	7.11	6.38	5.97	5.61	5.22	4.78
1.94	3.72	4.69	3.73	3.42	1.04	7.68	6.93	6.48	6.1	5.68	5.2	4.66	4.04	3.34	2.56	1.75	1.03	0.51	0.2	0.05	7.14	6.41	5.98	5.62	5.22	4.79
1.86	3.74	4.67	3.74	3.43	1.04	7.72	6.96	6.51	6.12	5.7	5.22	4.67	4.06	3.36	2.58	1.76	1.04	0.51	0.2	0.05	7.15	6.42	5.99	5.62	5.22	4.78
2.17	3.72	4.69	3.72	3.43	1.03	7.73	6.98	6.52	6.14	5.7	5.23	4.68	4.06	3.37	2.59	1.78	1.05	0.52	0.21	0.06	7.13	6.41	5.97	5.61	5.21	4.77
1.89	3.73	4.68	3.68	3.41	1.03	7.73	6.99	6.52	6.14	5.7	5.23	4.68	4.07	3.38	2.61	1.8	1.06									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.92	3.72	4.72	3.7	3.43	1.06	7.75	6.85	6.36	5.96	5.54	5.08	4.58	4.01	3.36	2.63	1.88	1.21	0.67	0.31	0.11	7.12	6.26	5.79	5.43	5.04	4.62
1.88	3.7	4.7	3.67	3.4	1.06	7.65	6.79	6.3	5.92	5.5	5.05	4.55	3.98	3.34	2.62	1.87	1.2	0.66	0.31	0.11	7.07	6.24	5.78	5.42	5.04	4.62
1.87	3.72	4.7	3.69	3.41	1.05	7.54	6.71	6.25	5.87	5.46	5.02	4.52	3.96	3.32	2.6	1.86	1.19	0.66	0.31	0.1	7.03	6.23	5.78	5.43	5.04	4.63
2.03	3.73	4.71	3.73	3.42	1.05	7.42	6.64	6.19	5.82	5.42	4.98	4.49	3.93	3.3	2.59	1.85	1.18	0.65	0.31	0.1	6.99	6.22	5.78	5.43	5.05	4.64
2.14	3.75	4.71	3.73	3.4	1.04	7.31	6.56	6.13	5.77	5.38	4.95	4.46	3.91	3.28	2.57	1.84	1.17	0.65	0.31	0.1	6.95	6.21	5.78	5.44	5.06	4.65
2.17	3.74	4.7	3.71	3.43	1.04	7.2	6.48	6.06	5.72	5.33	4.91	4.43	3.89	3.27	2.56	1.83	1.17	0.65	0.3	0.1	6.91	6.2	5.78	5.44	5.06	4.66
2.32	3.75	4.69	3.7	3.41	1.03	7.09	6.41	5.99	5.66	5.28	4.87	4.4	3.86	3.25	2.55	1.82	1.16	0.64	0.3	0.1	6.88	6.18	5.77	5.44	5.07	4.67
2.08	3.73	4.69	3.7	3.43	1.01	6.99	6.33	5.93	5.61	5.24	4.83	4.37	3.84	3.24	2.54	1.81	1.15	0.64	0.3	0.1	6.85	6.17	5.76	5.44	5.07	4.67
2.09	3.72	4.71	3.72	3.4	1	6.91	6.26	5.88	5.56	5.2	4.8	4.35	3.83	3.23	2.54	1.81	1.15	0.64	0.3	0.1	6.83	6.15	5.76	5.43	5.07	4.68
2.26	3.71	4.71	3.7	3.4	0.98	6.85	6.21	5.83	5.52	5.16	4.77	4.32	3.81	3.22	2.53	1.81	1.15	0.64	0.3	0.1	6.82	6.15	5.75	5.44	5.08	4.68
2.46	3.71	4.69	3.69	3.41	0.97	6.81	6.17	5.79	5.48	5.14	4.75	4.31	3.8	3.21	2.53	1.81	1.15	0.64	0.31	0.1	6.82	6.15	5.76	5.44	5.08	4.69
2.18	3.71	4.67	3.71	3.38	0.95	6.77	6.14	5.76	5.46	5.11	4.73	4.29	3.79	3.2	2.53	1.81	1.15	0.64	0.31	0.1	6.83	6.16	5.76	5.44	5.09	4.7
1.95	3.7	4.71	3.67	3.38	0.93	6.75	6.11	5.73	5.43	5.09	4.71	4.28	3.78	3.2	2.52	1.81	1.15	0.64	0.31	0.1	6.84	6.16	5.76	5.45	5.09	4.7
2.04	3.71	4.69	3.7	3.37	0.92	6.73	6.08	5.7	5.41	5.07	4.69	4.26	3.77	3.19	2.52	1.81	1.15	0.64	0.31	0.1	6.85	6.16	5.76	5.44	5.09	4.7
2.08	3.69	4.71	3.67	3.38	0.91	6.71	6.06	5.68	5.39	5.05	4.67	4.25	3.76	3.18	2.52	1.81	1.15	0.64	0.31	0.1	6.86	6.16	5.76	5.44	5.1	4.71
2.13	3.73	4.69	3.69	3.38	0.9	6.7	6.04	5.66	5.37	5.04	4.66	4.24	3.75	3.18	2.52	1.81	1.15	0.64	0.31	0.1	6.86	6.15	5.75	5.44	5.09	4.7
1.56	3.7	4.68	3.67	3.39	0.9	6.69	6.02	5.65	5.36	5.03	4.65	4.23	3.75	3.17	2.52	1.81	1.16	0.64	0.31	0.1	6.87	6.14	5.75	5.44	5.09	4.71
2.23	3.7	4.69	3.69	3.38	0.89	6.69	6.01	5.65	5.35	5.02	4.65	4.23	3.74	3.17	2.52	1.82	1.16	0.64	0.31	0.1	6.88	6.14	5.75	5.44	5.1	4.71
1.97	3.71	4.68	3.69	3.37	0.89	6.7	6.01	5.65	5.36	5.03	4.65	4.23	3.74	3.17	2.52	1.82	1.16	0.64	0.31	0.1	6.89	6.15	5.76	5.45	5.1	4.71
1.84	3.69	4.69	3.69	3.36	0.89	6.72	6.02	5.67	5.37	5.04	4.66	4.24	3.75	3.18	2.52	1.82	1.16	0.64	0.31	0.1	6.9	6.15	5.77	5.46	5.11	4.72
1.6	3.68	4.7	3.67	3.37	0.89	6.74	6.04	5.68	5.39	5.05	4.68	4.25	3.76	3.18	2.52	1.82	1.16	0.65	0.31	0.1	6.91	6.15	5.78	5.47	5.11	4.72
1.11	3.69	4.7	3.64	3.38	0.9	6.77	6.06	5.71	5.41	5.07	4.69	4.26	3.77	3.19	2.52	1.82	1.16	0.65	0.31	0.1	6.91	6.15	5.78	5.47	5.12	4.73
1.99	3.7	4.7	3.67	3.39	0.9	6.79	6.09	5.74	5.44	5.1	4.71	4.28	3.78	3.19	2.53	1.83	1.16	0.65	0.31	0.1	6.9	6.15	5.78	5.47	5.12	4.73
2.12	3.74	4.7	3.7	3.4	0.91	6.82	6.11	5.76	5.46	5.12	4.73	4.29	3.79	3.2	2.53	1.83	1.16	0.65	0.31	0.1	6.88	6.13	5.77	5.46	5.11	4.71
1.68	3.72	4.7	3.67	3.39	0.92	6.85	6.13	5.78	5.48	5.14	4.75	4.31	3.8	3.21	2.54	1.83	1.17	0.65	0.31	0.1	6.85	6.1	5.74	5.44	5.08	4.7
1.96	3.7	4.7	3.69	3.39	0.93	6.88	6.15	5.8	5.5	5.15	4.76	4.32	3.81	3.22	2.54	1.83	1.17	0.64	0.31	0.1	6.81	6.07	5.71	5.4	5.06	4.67
1.81	3.69	4.69	3.68	3.36	0.94	6.9	6.17	5.82	5.51	5.17	4.78	4.33	3.82	3.22	2.55	1.84	1.17	0.64	0.3	0.1	6.77	6.03	5.68	5.38	5.03	4.65
1.57	3.69	4.66	3.66	3.35	0.96	6.93	6.19	5.84	5.53	5.18	4.79	4.34	3.82	3.23	2.55	1.84	1.17	0.64	0.3	0.09	6.74	6	5.65	5.35	5.01	4.63
1.51	3.68	4.65	3.68	3.36	0.98	6.97	6.23	5.87	5.56	5.2	4.81	4.35	3.83	3.23	2.55	1.84	1.16	0.64	0.3	0.09	6.72	5.99	5.64	5.33	4.99	4.61
1.9	3.68	4.7	3.7	3.37	1	7.02	6.27	5.9	5.58	5.23	4.82	4.36	3.84	3.23	2.55	1.83	1.16	0.63	0.29	0.09	6.72	5.99	5.63	5.33	4.99	4.6
2.13	3.7	4.7	3.7	3.38	1.03	7.06	6.31	5.93	5.61	5.25	4.84	4.37	3.85	3.24	2.56	1.83	1.16	0.63	0.29	0.09	6.72	6	5.63	5.33	4.99	4.6
1.26	3.72	4.7	3.71	3.45	1.06	7.1	6.35	5.96	5.64	5.27	4.86	4.39	3.85	3.24	2.56	1.83	1.16	0.63	0.29	0.09	6.74	6.02	5.64	5.34	4.99	4.6
2.09	3.78	4.71	3.73	3.45	1.09	7.13	6.38	5.98	5.66	5.29	4.87	4.39	3.86	3.24	2.56	1.83	1.15	0.63	0.29	0.09	6.75	6.04	5.66	5.34	5	4.61
1.85	3.78	4.71	3.71	3.44	1.12	7.14	6.4	6	5.67	5.29	4.87	4.4	3.86	3.24	2.56	1.83	1.15	0.63	0.29	0.09	6.75	6.05	5.66	5.35	5	4.61
1.86	3.76	4.7	3.7	3.44	1.14	7.14	6.4	5.99	5.67	5.29	4.87	4.39	3.86	3.24	2.56	1.83	1.15	0.63	0.29	0.09	6.75	6.05	5.66	5.35	5	4.6
1.78	3.76	4.69	3.73	3.47	1.17	7.12	6.39	5.98	5.65	5.28	4.85	4.38	3.85	3.24	2.56	1.83	1.15	0.62	0.28	0.09	6.73	6.04	5.65	5.34	4.99	4.59
1.64	3.77	4.68	3.71	3.46	1.18	7.09	6.36	5.95	5.62	5.25	4.83	4.36	3.83	3.23	2.55	1.82	1.15	0.62	0.28	0.09	6.71	6.01	5.62	5.32	4.97	4.57
1.87	3.75	4.69	3.7	3.45	1.2	7.05	6.31	5.91	5.58	5.21	4.8	4.33	3.81	3.22	2.54	1.82	1.14	0.62	0.28	0.09	6.67	5.97	5.59	5.29	4.94	4.55
1.78	3.76	4.71	3.72	3.44	1.21	6.99	6.25	5.86	5.53	5.17	4.75	4.3	3.79	3.2	2.53	1.82	1.14	0.62	0.28	0.09	6.64	5.93	5.56	5.25	4.91	4.52
1.72	3.76	4.71	3.7	3.42	1.21	6.94	6.19	5.8	5.48	5.12	4.71	4.26	3.76	3.18	2.52	1.81	1.14	0.61	0.28	0.09	6.61	5.89	5.52	5.22	4.87	4.49
2.02	3.77	4.71	3.7	3.45	1.21	6.89	6.13	5.75	5.43	5.07	4.66	4.22	3.73	3.17	2.51	1.81	1.14	0.61	0.28	0.09	6.58	5.86	5.49	5.18	4.84	4.46
2.11	3.76	4.7	3.7	3.47	1.21	6.84	6.07	5.69	5.37	5.01	4.62	4.18	3.7	3.15	2.5	1.8	1.13	0.61	0.28	0.09	6.57	5.83	5.46	5.15	4.81	4.43
2.3	3.77	4.71	3.73	3.45	1.21	6.8	6.02	5.64	5.32	4.96	4.57	4.14	3.67	3.12	2.49	1.8	1.13	0.61	0.27	0.08	6.56	5.81	5.44	5.13	4.79	4.41
2.02	3.76	4.7	3.74	3.45	1.21	6.75	5.97	5.58	5.26	4.91	4.52	4.1	3.64	3.1	2.48	1.79	1.13	0.6	0.27	0.08	6.56	5.8	5.42	5.11	4.76	4.39
1.88	3.76	4.7	3.68	3.46	1.2	6.71	5.92	5.53	5.21	4.86	4.48	4.06	3.6	3.08	2.47	1.78	1.13	0.6	0.27	0.08	6.56	5.78	5.39	5.08	4.74	4.36
1.8	3.76	4.72	3.76	3.46	1.19	6.67	5.87	5.48	5.16	4.81	4.43	4.02	3.57	3.06	2.45	1.78	1.13	0.6	0.27	0.08	6.56	5.77	5.37	5.06	4.71	4.34
1.96	3.77	4.71	3.72	3.44	1.17	6.62	5.82	5.43	5.11	4.76	4.38	3.98	3.54	3.04	2.44	1.77	1.12	0.6	0.27	0.08	6.54	5.74	5.34	5.03	4.68	4.31
1.8	3.75	4.69	3.74	3.43	1.16	6.57	5.77	5.37	5.05	4.71	4.34	3.94	3.51	3.02	2.43	1.77	1.12	0.6	0.27	0.08	6.52	5.71	5.31	4.99	4.65	4.28
1.97	3.75	4.71	3.72	3.42	1.14	6.51	5.71	5.32	5	4.66	4.3	3.9	3.48	2.99	2.41	1.76	1.12	0.6	0.27	0.08	6.47	5.66	5.26	4.95	4.61	4.25
1.96	3.76	4.72	3.69	3.44	1.11	6.44	5.64	5.25	4.94	4.61	4.25	3.87	3.45	2.97	2.4	1.75	1.12	0.61	0.28	0.0						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.18	3.73	4.7	3.74	3.4	1	6.51	5.81	5.44	5.14	4.81	4.44	4.05	3.62	3.13	2.55	1.91	1.27	0.74	0.36	0.12	6.72	5.99	5.59	5.28	4.93	4.56
1.95	3.74	4.71	3.7	3.41	1	6.49	5.8	5.43	5.13	4.8	4.44	4.05	3.62	3.13	2.56	1.92	1.28	0.75	0.36	0.12	6.74	6.01	5.62	5.3	4.96	4.58
1.53	3.73	4.73	3.71	3.4	1.01	6.46	5.78	5.42	5.12	4.79	4.43	4.04	3.61	3.13	2.57	1.93	1.29	0.75	0.37	0.12	6.74	6.01	5.63	5.32	4.97	4.59
1.49	3.72	4.7	3.7	3.39	1.01	6.42	5.75	5.4	5.11	4.78	4.43	4.04	3.61	3.13	2.57	1.94	1.3	0.76	0.38	0.12	6.72	6.01	5.63	5.32	4.98	4.6
1.49	3.72	4.69	3.68	3.38	1.01	6.37	5.72	5.38	5.09	4.77	4.42	4.03	3.61	3.13	2.58	1.95	1.31	0.77	0.38	0.13	6.69	5.99	5.62	5.32	4.98	4.61
1.7	3.72	4.72	3.7	3.36	1.02	6.32	5.69	5.36	5.08	4.76	4.41	4.02	3.6	3.13	2.58	1.95	1.32	0.78	0.39	0.13	6.65	5.97	5.62	5.32	4.98	4.61
1.86	3.71	4.69	3.66	3.4	1.02	6.27	5.67	5.34	5.07	4.75	4.4	4.02	3.6	3.13	2.58	1.96	1.33	0.79	0.39	0.13	6.61	5.96	5.61	5.32	4.98	4.61
2.1	3.71	4.69	3.68	3.37	1.03	6.24	5.66	5.33	5.07	4.75	4.4	4.02	3.6	3.13	2.59	1.97	1.34	0.8	0.4	0.13	6.58	5.96	5.61	5.32	4.99	4.62
2.27	3.72	4.69	3.68	3.41	1.03	6.21	5.65	5.33	5.07	4.75	4.41	4.02	3.6	3.14	2.59	1.97	1.35	0.81	0.4	0.14	6.56	5.96	5.62	5.33	4.99	4.63
2.06	3.71	4.7	3.69	3.39	1.04	6.2	5.66	5.34	5.08	4.76	4.41	4.03	3.61	3.14	2.59	1.98	1.36	0.81	0.41	0.14	6.55	5.97	5.63	5.35	5.01	4.64
1.62	3.73	4.71	3.69	3.42	1.05	6.19	5.67	5.35	5.09	4.77	4.42	4.04	3.61	3.14	2.59	1.98	1.36	0.82	0.41	0.14	6.56	5.99	5.65	5.36	5.02	4.65
2.12	3.72	4.7	3.69	3.41	1.05	6.2	5.68	5.36	5.1	4.78	4.43	4.04	3.62	3.15	2.6	1.99	1.37	0.83	0.42	0.14	6.57	6.01	5.67	5.38	5.04	4.67
2.29	3.74	4.67	3.73	3.39	1.06	6.21	5.69	5.38	5.11	4.79	4.44	4.05	3.63	3.15	2.6	1.99	1.38	0.84	0.42	0.15	6.58	6.03	5.69	5.4	5.06	4.68
1.94	3.74	4.67	3.71	3.41	1.06	6.21	5.7	5.39	5.12	4.8	4.45	4.05	3.63	3.16	2.61	2	1.39	0.85	0.43	0.15	6.59	6.04	5.7	5.41	5.07	4.69
1.92	3.87	4.67	3.75	3.5	1.06	6.21	5.7	5.39	5.12	4.8	4.45	4.06	3.63	3.16	2.62	2.01	1.4	0.85	0.43	0.15	6.59	6.04	5.7	5.41	5.07	4.69
2.18	3.74	4.68	3.7	3.4	1.06	6.21	5.69	5.39	5.12	4.8	4.45	4.06	3.64	3.17	2.63	2.03	1.41	0.86	0.44	0.15	6.59	6.03	5.7	5.41	5.07	4.69
1.56	3.71	4.67	3.69	3.43	1.06	6.2	5.68	5.38	5.11	4.8	4.44	4.06	3.64	3.17	2.64	2.04	1.43	0.87	0.45	0.16	6.58	6.03	5.7	5.41	5.07	4.69
1.69	3.71	4.69	3.69	3.43	1.06	6.18	5.67	5.37	5.11	4.79	4.44	4.06	3.64	3.18	2.65	2.05	1.44	0.88	0.45	0.16	6.57	6.01	5.69	5.4	5.07	4.69
1.92	3.7	4.72	3.68	3.41	1.06	6.17	5.66	5.36	5.1	4.79	4.44	4.06	3.65	3.19	2.66	2.07	1.45	0.89	0.46	0.16	6.55	6	5.68	5.4	5.06	4.69
1.78	3.72	4.7	3.66	3.42	1.06	6.16	5.65	5.36	5.09	4.78	4.44	4.06	3.65	3.2	2.68	2.08	1.46	0.9	0.47	0.16	6.54	5.99	5.67	5.39	5.06	4.68
2.02	3.7	4.67	3.7	3.4	1.06	6.15	5.65	5.36	5.1	4.78	4.44	4.06	3.66	3.21	2.69	2.1	1.47	0.91	0.47	0.17	6.53	5.98	5.67	5.39	5.06	4.68
1.97	3.72	4.68	3.68	3.4	1.06	6.16	5.65	5.36	5.1	4.79	4.44	4.07	3.67	3.22	2.71	2.12	1.49	0.91	0.48	0.17	6.53	5.98	5.67	5.39	5.06	4.69
1.46	3.72	4.68	3.69	3.39	1.06	6.16	5.66	5.37	5.11	4.8	4.45	4.08	3.68	3.23	2.72	2.13	1.5	0.92	0.48	0.18	6.53	5.99	5.68	5.39	5.06	4.69
1.83	3.72	4.69	3.71	3.4	1.06	6.18	5.68	5.39	5.12	4.81	4.46	4.09	3.69	3.24	2.73	2.14	1.51	0.93	0.49	0.18	6.54	6	5.69	5.4	5.07	4.7
1.96	3.7	4.69	3.7	3.39	1.06	6.2	5.69	5.4	5.13	4.82	4.47	4.09	3.69	3.25	2.74	2.15	1.52	0.94	0.49	0.19	6.55	6	5.69	5.41	5.07	4.7
1.87	3.71	4.67	3.69	3.39	1.06	6.21	5.7	5.4	5.14	4.82	4.47	4.1	3.7	3.26	2.75	2.16	1.52	0.94	0.49	0.19	6.55	6.01	5.69	5.41	5.07	4.7
1.78	3.73	4.68	3.72	3.43	1.06	6.22	5.71	5.41	5.14	4.83	4.48	4.1	3.7	3.27	2.75	2.16	1.53	0.95	0.5	0.19	6.56	6	5.69	5.4	5.07	4.69
2.01	3.74	4.68	3.71	3.42	1.06	6.23	5.71	5.41	5.14	4.83	4.48	4.1	3.71	3.27	2.76	2.17	1.54	0.95	0.5	0.19	6.56	6	5.68	5.39	5.06	4.69
2.07	3.75	4.68	3.72	3.52	1.06	6.24	5.71	5.41	5.14	4.83	4.48	4.1	3.71	3.27	2.76	2.17	1.54	0.95	0.5	0.19	6.56	6	5.68	5.39	5.06	4.69
1.99	3.76	4.71	3.71	3.55	1.06	6.26	5.72	5.42	5.15	4.83	4.48	4.11	3.71	3.28	2.76	2.18	1.54	0.95	0.5	0.19	6.57	6	5.68	5.39	5.06	4.68
1.9	3.7	4.71	3.68	3.36	1.06	6.28	5.74	5.43	5.15	4.84	4.49	4.11	3.71	3.28	2.77	2.18	1.55	0.95	0.49	0.19	6.59	6.02	5.69	5.4	5.06	4.69
1.92	3.71	4.72	3.71	3.36	1.06	6.3	5.76	5.44	5.17	4.85	4.49	4.11	3.71	3.28	2.77	2.18	1.55	0.95	0.49	0.19	6.61	6.04	5.7	5.41	5.07	4.69
2.11	3.72	4.7	3.7	3.4	1.06	6.32	5.78	5.46	5.18	4.86	4.5	4.11	3.71	3.28	2.77	2.18	1.55	0.95	0.49	0.18	6.64	6.07	5.73	5.43	5.08	4.7
2.15	3.73	4.73	3.67	3.42	1.06	6.34	5.81	5.48	5.19	4.86	4.5	4.11	3.71	3.27	2.77	2.18	1.54	0.95	0.49	0.18	6.67	6.1	5.75	5.45	5.1	4.71
2.24	3.73	4.71	3.71	3.43	1.05	6.35	5.82	5.49	5.2	4.87	4.5	4.11	3.71	3.27	2.76	2.18	1.54	0.95	0.49	0.18	6.69	6.13	5.77	5.46	5.11	4.72
2.25	3.72	4.71	3.72	3.43	1.05	6.35	5.83	5.49	5.2	4.87	4.5	4.11	3.7	3.27	2.76	2.18	1.54	0.95	0.49	0.18	6.71	6.15	5.79	5.48	5.12	4.73
1.89	3.73	4.7	3.71	3.41	1.05	6.35	5.82	5.48	5.19	4.86	4.49	4.1	3.7	3.26	2.76	2.18	1.54	0.95	0.49	0.18	6.73	6.16	5.79	5.48	5.13	4.73
2.05	3.75	4.71	3.69	3.43	1.05	6.34	5.8	5.47	5.18	4.85	4.48	4.09	3.69	3.26	2.76	2.18	1.55	0.95	0.49	0.18	6.73	6.15	5.79	5.48	5.12	4.73
2.14	3.74	4.7	3.7	3.42	1.04	6.32	5.77	5.44	5.16	4.83	4.47	4.08	3.68	3.26	2.77	2.19	1.56	0.96	0.49	0.18	6.73	6.13	5.77	5.46	5.11	4.72
1.81	3.71	4.72	3.67	3.38	1.03	6.3	5.73	5.41	5.13	4.81	4.45	4.07	3.67	3.25	2.77	2.2	1.57	0.97	0.5	0.18	6.72	6.1	5.75	5.44	5.1	4.71
1.86	3.68	4.69	3.68	3.4	1.02	6.27	5.69	5.37	5.1	4.78	4.43	4.05	3.66	3.25	2.77	2.2	1.58	0.98	0.51	0.19	6.7	6.07	5.72	5.42	5.08	4.7
1.96	3.69	4.67	3.69	3.42	1.01	6.23	5.66	5.34	5.07	4.76	4.42	4.04	3.65	3.24	2.77	2.21	1.59	0.99	0.52	0.19	6.67	6.04	5.7	5.4	5.06	4.69
2.04	3.66	4.68	3.69	3.37	1	6.19	5.63	5.31	5.05	4.74	4.4	4.03	3.65	3.24	2.77	2.22	1.6	1	0.52	0.19	6.64	6.02	5.68	5.39	5.05	4.68
2	3.68	4.67	3.67	3.36	1	6.16	5.6	5.3	5.04	4.73	4.39	4.02	3.64	3.23	2.77	2.22	1.61	1.01	0.52	0.19	6.61	6	5.66	5.37	5.04	4.67
2.32	3.71	4.7	3.68	3.38	0.99	6.13	5.59	5.29	5.03	4.72	4.39	4.02	3.64	3.23	2.77	2.22	1.61	1.01	0.53	0.19	6.59	6	5.66	5.37	5.04	4.67
2.24	3.72	4.7	3.71	3.42	0.98	6.11	5.59	5.29	5.03	4.73	4.39	4.02	3.64	3.24	2.78	2.23	1.62	1.02	0.53	0.2	6.56	6	5.66	5.38	5.05	4.68
2.39	3.71	4.69	3.68	3.42	0.97	6.1	5.6	5.3	5.05	4.74	4.4	4.03	3.65	3.25	2.79	2.24	1.63	1.03	0.53	0.2	6.55	6.01	5.68	5.39	5.06	4.69
2.15	3.72	4.71	3.65	3.39	0.97	6.09	5.62	5.32	5.07	4.76	4.42	4.05	3.67	3.27	2.8	2.25	1.64	1.03	0.54	0.2	6.54	6.01	5.69	5.4	5.07	4.7
1.92	3.71	4.69	3.66	3.41	0.96	6.1	5.64	5.35	5.09	4.78	4.44	4.07	3.69	3.28	2.82	2.27	1.65	1.05	0.55	0.2	6.53	6.02	5.7	5.42	5.08	4.71
1.63	3.69	4.68	3.7	3.37	0.96	6.12	5.67	5.38	5.12	4.81	4.46	4.09	3.71	3.31	2.84	2.28	1.67	1.06	0.55	0.2	6.53	6				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.75	3.72	4.69	3.69	3.41	0.98	6.5	6	5.69	5.44	5.13	4.77	4.39	3.99	3.55	3.04	2.43	1.76	1.1	0.58	0.22	6.33	5.82	5.51	5.26	4.95	4.61
2.19	3.68	4.69	3.72	3.39	0.97	6.52	5.99	5.68	5.43	5.11	4.76	4.38	3.98	3.54	3.03	2.42	1.74	1.1	0.58	0.21	6.34	5.8	5.5	5.24	4.94	4.59
1.81	3.71	4.7	3.7	3.37	0.96	6.54	5.98	5.67	5.41	5.11	4.76	4.38	3.98	3.54	3.03	2.42	1.74	1.09	0.57	0.21	6.35	5.79	5.48	5.23	4.92	4.58
1.92	3.71	4.7	3.69	3.35	0.95	6.56	5.97	5.66	5.41	5.1	4.76	4.38	3.98	3.54	3.03	2.41	1.73	1.08	0.57	0.2	6.35	5.77	5.46	5.21	4.91	4.57
1.55	3.7	4.71	3.71	3.37	0.94	6.57	5.97	5.66	5.4	5.1	4.76	4.39	3.99	3.54	3.02	2.41	1.72	1.08	0.56	0.2	6.36	5.76	5.45	5.2	4.9	4.57
1.42	3.69	4.71	3.67	3.37	0.94	6.59	5.98	5.67	5.41	5.11	4.77	4.39	3.99	3.55	3.02	2.4	1.72	1.07	0.56	0.2	6.37	5.76	5.45	5.2	4.9	4.57
1.74	3.67	4.69	3.68	3.37	0.93	6.62	6	5.69	5.43	5.13	4.79	4.41	4.01	3.56	3.03	2.4	1.71	1.06	0.55	0.2	6.38	5.77	5.46	5.2	4.91	4.58
1.93	3.66	4.67	3.7	3.34	0.93	6.64	6.03	5.71	5.46	5.15	4.81	4.43	4.02	3.57	3.03	2.39	1.7	1.05	0.54	0.19	6.4	5.79	5.47	5.22	4.92	4.59
1.97	3.67	4.69	3.73	3.36	0.94	6.67	6.06	5.75	5.48	5.18	4.83	4.45	4.04	3.58	3.03	2.39	1.69	1.04	0.54	0.19	6.42	5.81	5.5	5.25	4.95	4.61
1.82	3.69	4.7	3.66	3.38	0.94	6.69	6.1	5.78	5.52	5.21	4.86	4.47	4.06	3.6	3.04	2.39	1.68	1.03	0.53	0.19	6.44	5.84	5.53	5.27	4.97	4.64
1.94	3.72	4.69	3.7	3.37	0.95	6.72	6.13	5.81	5.55	5.24	4.89	4.5	4.08	3.61	3.05	2.39	1.68	1.02	0.52	0.18	6.46	5.88	5.56	5.31	5	4.67
1.96	3.72	4.71	3.68	3.37	0.95	6.73	6.16	5.84	5.58	5.27	4.91	4.52	4.1	3.62	3.06	2.39	1.67	1.02	0.51	0.18	6.48	5.91	5.6	5.34	5.03	4.69
2.08	3.71	4.71	3.7	3.41	0.96	6.74	6.18	5.87	5.6	5.29	4.93	4.54	4.11	3.64	3.06	2.39	1.67	1.01	0.51	0.18	6.5	5.93	5.63	5.37	5.06	4.72
1.12	3.73	4.69	3.67	3.43	0.97	6.74	6.19	5.88	5.62	5.31	4.95	4.56	4.13	3.65	3.07	2.4	1.67	1	0.51	0.18	6.51	5.95	5.65	5.39	5.09	4.74
1.78	3.72	4.7	3.69	3.43	0.98	6.74	6.19	5.89	5.63	5.32	4.97	4.57	4.14	3.65	3.08	2.4	1.66	1	0.5	0.18	6.51	5.97	5.67	5.42	5.11	4.77
1.8	3.71	4.71	3.68	3.39	0.98	6.73	6.2	5.9	5.64	5.33	4.98	4.58	4.15	3.66	3.08	2.4	1.66	1	0.5	0.18	6.51	5.99	5.69	5.44	5.14	4.79
1.68	3.7	4.71	3.69	3.36	0.99	6.72	6.2	5.91	5.65	5.35	4.99	4.6	4.16	3.67	3.09	2.4	1.66	0.99	0.5	0.18	6.52	6	5.72	5.46	5.16	4.82
1.61	3.74	4.69	3.69	3.49	1	6.72	6.21	5.92	5.67	5.36	5	4.61	4.17	3.68	3.09	2.4	1.66	0.99	0.5	0.17	6.53	6.03	5.74	5.49	5.18	4.84
1.76	3.71	4.7	3.71	3.47	1	6.73	6.22	5.94	5.68	5.37	5.02	4.62	4.18	3.69	3.09	2.4	1.65	0.99	0.49	0.17	6.56	6.06	5.77	5.52	5.21	4.87
1.84	3.7	4.69	3.67	3.37	1.01	6.75	6.24	5.95	5.7	5.39	5.03	4.63	4.19	3.69	3.1	2.4	1.65	0.99	0.49	0.17	6.6	6.09	5.8	5.55	5.24	4.89
1.81	3.72	4.68	3.68	3.36	1.01	6.78	6.26	5.97	5.71	5.4	5.04	4.64	4.2	3.7	3.1	2.4	1.65	0.99	0.49	0.18	6.65	6.13	5.83	5.58	5.27	4.92
1.69	3.72	4.69	3.7	3.41	1.02	6.81	6.28	5.98	5.73	5.41	5.05	4.65	4.21	3.7	3.1	2.4	1.65	0.98	0.49	0.18	6.7	6.17	5.86	5.61	5.3	4.94
1.92	3.73	4.67	3.7	3.43	1.02	6.84	6.3	5.99	5.73	5.42	5.06	4.65	4.21	3.7	3.1	2.4	1.65	0.98	0.49	0.18	6.76	6.2	5.89	5.64	5.32	4.97
1.56	3.71	4.71	3.69	3.4	1.03	6.87	6.31	6	5.74	5.42	5.06	4.66	4.21	3.7	3.1	2.4	1.65	0.98	0.49	0.18	6.8	6.24	5.92	5.66	5.35	4.99
1.79	3.69	4.71	3.7	3.37	1.04	6.88	6.32	6	5.74	5.42	5.06	4.65	4.21	3.7	3.1	2.4	1.65	0.98	0.49	0.17	6.85	6.27	5.95	5.69	5.37	5.01
1.7	3.71	4.69	3.69	3.39	1.04	6.89	6.32	6	5.74	5.42	5.06	4.65	4.21	3.7	3.1	2.4	1.65	0.98	0.49	0.17	6.88	6.3	5.97	5.71	5.39	5.03
1.67	3.73	4.72	3.72	3.42	1.05	6.88	6.32	6	5.74	5.42	5.06	4.65	4.2	3.7	3.1	2.4	1.65	0.97	0.48	0.17	6.9	6.33	6	5.74	5.41	5.05
1.73	3.73	4.69	3.73	3.41	1.06	6.86	6.31	6	5.74	5.42	5.05	4.64	4.2	3.7	3.1	2.4	1.65	0.97	0.48	0.17	6.92	6.35	6.03	5.77	5.44	5.07
1.86	3.73	4.7	3.71	3.43	1.06	6.84	6.3	5.99	5.74	5.41	5.05	4.64	4.2	3.7	3.1	2.39	1.64	0.97	0.48	0.17	6.93	6.38	6.06	5.79	5.46	5.09
2.13	3.7	4.69	3.72	3.42	1.07	6.81	6.29	5.99	5.73	5.41	5.04	4.64	4.19	3.69	3.1	2.39	1.64	0.96	0.48	0.17	6.94	6.41	6.09	5.82	5.49	5.12
2.11	3.73	4.7	3.7	3.41	1.07	6.77	6.28	5.98	5.72	5.4	5.04	4.63	4.19	3.69	3.09	2.39	1.63	0.96	0.48	0.17	6.95	6.43	6.12	5.85	5.52	5.14
2.09	3.74	4.69	3.71	3.43	1.07	6.72	6.26	5.97	5.71	5.39	5.03	4.62	4.18	3.68	3.08	2.38	1.62	0.96	0.47	0.17	6.94	6.45	6.14	5.87	5.54	5.16
2.01	3.75	4.69	3.7	3.42	1.07	6.66	6.23	5.94	5.69	5.37	5.01	4.6	4.16	3.66	3.07	2.36	1.61	0.95	0.47	0.17	6.92	6.46	6.16	5.89	5.55	5.17
2	3.73	4.69	3.73	3.43	1.07	6.6	6.19	5.91	5.66	5.34	4.98	4.58	4.14	3.64	3.05	2.35	1.6	0.94	0.47	0.16	6.89	6.45	6.15	5.88	5.55	5.17
2.27	3.74	4.7	3.73	3.41	1.06	6.53	6.15	5.87	5.62	5.31	4.95	4.55	4.11	3.62	3.03	2.33	1.59	0.94	0.46	0.16	6.85	6.43	6.13	5.86	5.53	5.15
2.16	3.73	4.68	3.72	3.43	1.05	6.47	6.1	5.82	5.57	5.27	4.92	4.52	4.09	3.59	3	2.31	1.58	0.93	0.46	0.16	6.8	6.39	6.09	5.83	5.51	5.13
1.98	3.73	4.66	3.7	3.42	1.04	6.42	6.04	5.77	5.53	5.24	4.89	4.5	4.06	3.56	2.98	2.29	1.57	0.92	0.46	0.16	6.75	6.35	6.05	5.79	5.47	5.1
1.96	3.7	4.69	3.7	3.4	1.03	6.37	5.99	5.72	5.49	5.2	4.86	4.47	4.04	3.54	2.96	2.27	1.56	0.92	0.46	0.16	6.71	6.29	6	5.75	5.44	5.07
1.95	3.69	4.69	3.68	3.41	1.01	6.35	5.95	5.69	5.45	5.17	4.83	4.45	4.02	3.52	2.94	2.26	1.55	0.91	0.45	0.16	6.67	6.24	5.96	5.71	5.4	5.04
1.99	3.7	4.68	3.67	3.36	1	6.33	5.92	5.66	5.43	5.15	4.81	4.43	4	3.5	2.92	2.24	1.54	0.91	0.45	0.16	6.65	6.2	5.92	5.67	5.37	5.01
2.08	3.69	4.69	3.67	3.36	0.99	6.33	5.89	5.64	5.41	5.13	4.8	4.42	3.99	3.49	2.91	2.23	1.53	0.9	0.45	0.16	6.65	6.17	5.89	5.65	5.35	5
2.2	3.67	4.69	3.68	3.39	0.98	6.34	5.88	5.63	5.4	5.12	4.8	4.41	3.99	3.49	2.9	2.23	1.52	0.9	0.44	0.16	6.64	6.14	5.87	5.63	5.33	4.98
2.01	3.69	4.68	3.7	3.37	0.98	6.35	5.88	5.63	5.4	5.12	4.79	4.41	3.98	3.48	2.9	2.22	1.51	0.9	0.44	0.16	6.64	6.12	5.86	5.61	5.31	4.97
1.83	3.69	4.66	3.7	3.39	0.98	6.36	5.88	5.63	5.4	5.12	4.79	4.41	3.98	3.48	2.89	2.21	1.51	0.89	0.44	0.16	6.64	6.11	5.85	5.6	5.3	4.96
2.01	3.69	4.67	3.68	3.39	0.97	6.37	5.88	5.63	5.4	5.12	4.79	4.41	3.98	3.48	2.89	2.21	1.5	0.89	0.44	0.15	6.63	6.1	5.83	5.59	5.29	4.94
2.15	3.68	4.68	3.67	3.39	0.97	6.37	5.88	5.63	5.4	5.12	4.79	4.4	3.97	3.47	2.88	2.2	1.5	0.89	0.43	0.15	6.61	6.09	5.82	5.57	5.27	4.93
2.21	3.68	4.66	3.71	3.41	0.97	6.37	5.89	5.63	5.4	5.11	4.78	4.4	3.97	3.47	2.88	2.2	1.5	0.88	0.43	0.15	6.58	6.07	5.8	5.55	5.25	4.91
2.32	3.71	4.69	3.72	3.38	0.97	6.37	5.88	5.62	5.39	5.11	4.78	4.4	3.97	3.47	2.88	2.2	1.5	0.88	0.43	0.15	6.56	6.04	5.77	5.52	5.22	4.88
2.16	3.7	4.69	3.69	3.39	0.98	6.36	5.88	5.61	5.38	5.1	4.77	4.39	3.96	3.47	2.88	2.2	1.5	0.88	0.43	0.15	6.52	6.01	5.74	5.49	5.2	4.86
1.94	3.69	4.67	3.7	3.38	0.98	6.35	5.87	5.6	5.37	5.09	4.76	4.38	3.96	3.47	2.88	2.21	1.51	0.88	0.43	0.15	6.49	5.98	5.7	5.46	5.17	4.83

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.84	3.72	4.71	3.69	3.4	1.04	6.07	5.57	5.31	5.1	4.84	4.55	4.21	3.84	3.44	2.96	2.4	1.76	1.12	0.59	0.23	6.5	5.95	5.67	5.43	5.15	4.84
1.91	3.69	4.7	3.69	3.39	1.04	6.06	5.56	5.3	5.09	4.83	4.54	4.2	3.84	3.43	2.96	2.4	1.76	1.12	0.6	0.23	6.51	5.96	5.68	5.44	5.16	4.85
1.9	3.69	4.68	3.68	3.4	1.04	6.05	5.55	5.29	5.08	4.82	4.53	4.2	3.83	3.43	2.96	2.4	1.76	1.13	0.6	0.23	6.51	5.97	5.68	5.45	5.17	4.85
1.55	3.71	4.68	3.68	3.37	1.04	6.04	5.54	5.28	5.07	4.81	4.52	4.19	3.83	3.43	2.96	2.4	1.77	1.13	0.6	0.24	6.52	5.97	5.69	5.45	5.17	4.86
1.95	3.68	4.69	3.7	3.38	1.04	6.02	5.53	5.28	5.06	4.81	4.52	4.19	3.82	3.42	2.96	2.4	1.77	1.13	0.61	0.24	6.52	5.98	5.7	5.46	5.18	4.86
1.84	3.71	4.69	3.68	3.4	1.04	6.01	5.52	5.27	5.05	4.8	4.51	4.18	3.82	3.42	2.96	2.4	1.77	1.14	0.61	0.24	6.51	5.98	5.69	5.46	5.18	4.86
2	3.69	4.69	3.71	3.43	1.04	5.98	5.51	5.26	5.04	4.79	4.5	4.17	3.81	3.42	2.96	2.41	1.77	1.14	0.61	0.24	6.5	5.98	5.69	5.46	5.19	4.87
1.92	3.71	4.69	3.69	3.4	1.04	5.96	5.49	5.24	5.03	4.78	4.49	4.17	3.81	3.42	2.96	2.41	1.78	1.14	0.61	0.24	6.48	5.97	5.69	5.45	5.18	4.86
1.97	3.71	4.68	3.71	3.38	1.05	5.93	5.47	5.23	5.02	4.77	4.48	4.16	3.8	3.41	2.96	2.41	1.78	1.15	0.62	0.24	6.46	5.95	5.68	5.45	5.18	4.86
2.13	3.7	4.67	3.71	3.4	1.05	5.9	5.46	5.21	5	4.76	4.47	4.15	3.8	3.41	2.96	2.41	1.79	1.15	0.62	0.24	6.44	5.94	5.66	5.44	5.17	4.85
1.94	3.7	4.7	3.7	3.38	1.04	5.88	5.44	5.19	4.99	4.75	4.46	4.14	3.79	3.41	2.96	2.42	1.79	1.16	0.63	0.25	6.42	5.92	5.65	5.43	5.16	4.85
2.05	3.69	4.71	3.72	3.39	1.04	5.86	5.42	5.18	4.98	4.74	4.46	4.14	3.79	3.41	2.96	2.42	1.8	1.16	0.63	0.25	6.39	5.91	5.64	5.42	5.15	4.84
2	3.71	4.69	3.68	3.4	1.04	5.84	5.41	5.17	4.97	4.73	4.45	4.14	3.79	3.41	2.96	2.42	1.8	1.17	0.63	0.25	6.38	5.9	5.63	5.41	5.15	4.84
1.47	3.69	4.69	3.69	3.4	1.04	5.83	5.4	5.16	4.97	4.73	4.45	4.13	3.79	3.4	2.96	2.43	1.81	1.17	0.64	0.25	6.36	5.89	5.62	5.4	5.14	4.83
1.31	3.69	4.68	3.71	3.38	1.04	5.82	5.39	5.16	4.96	4.72	4.45	4.13	3.78	3.41	2.97	2.43	1.81	1.18	0.64	0.26	6.35	5.87	5.61	5.39	5.13	4.82
1.75	3.7	4.69	3.65	3.38	1.04	5.83	5.39	5.15	4.96	4.72	4.45	4.13	3.78	3.41	2.97	2.44	1.82	1.18	0.65	0.26	6.35	5.86	5.6	5.38	5.12	4.82
1.62	3.7	4.71	3.72	3.39	1.03	5.84	5.38	5.15	4.95	4.72	4.44	4.13	3.79	3.41	2.97	2.44	1.82	1.19	0.65	0.26	6.35	5.85	5.59	5.37	5.11	4.81
2.28	3.7	4.71	3.69	3.38	1.03	5.85	5.38	5.15	4.95	4.72	4.44	4.13	3.79	3.41	2.98	2.45	1.83	1.19	0.65	0.27	6.35	5.83	5.57	5.36	5.1	4.8
2.14	3.71	4.71	3.68	3.38	1.03	5.87	5.38	5.15	4.95	4.72	4.45	4.13	3.79	3.42	2.98	2.45	1.83	1.2	0.66	0.27	6.35	5.82	5.56	5.35	5.09	4.79
1.84	3.7	4.68	3.71	3.39	1.03	5.89	5.39	5.16	4.96	4.72	4.45	4.14	3.8	3.42	2.99	2.46	1.84	1.2	0.66	0.27	6.36	5.82	5.56	5.34	5.08	4.78
1.82	3.69	4.71	3.7	3.38	1.03	5.91	5.4	5.17	4.97	4.73	4.46	4.15	3.8	3.43	2.99	2.47	1.84	1.2	0.66	0.27	6.37	5.82	5.55	5.33	5.08	4.78
2	3.68	4.7	3.69	3.38	1.02	5.93	5.42	5.18	4.98	4.74	4.47	4.16	3.81	3.43	3	2.47	1.85	1.21	0.66	0.27	6.38	5.82	5.55	5.34	5.08	4.78
1.86	3.69	4.69	3.7	3.37	1.02	5.96	5.45	5.2	5	4.76	4.48	4.17	3.82	3.44	3.01	2.48	1.85	1.21	0.66	0.27	6.39	5.83	5.56	5.34	5.08	4.78
1.87	3.69	4.69	3.71	3.38	1.02	5.98	5.47	5.22	5.02	4.78	4.5	4.18	3.83	3.45	3.01	2.48	1.85	1.21	0.66	0.27	6.39	5.84	5.57	5.35	5.09	4.78
2	3.71	4.67	3.71	3.41	1.02	5.99	5.49	5.24	5.04	4.79	4.51	4.19	3.84	3.46	3.02	2.48	1.85	1.2	0.66	0.27	6.39	5.84	5.57	5.35	5.09	4.78
1.81	3.72	4.7	3.7	3.41	1.02	6	5.5	5.25	5.05	4.8	4.52	4.2	3.84	3.46	3.02	2.48	1.85	1.2	0.66	0.27	6.37	5.84	5.56	5.34	5.08	4.78
1.49	3.73	4.7	3.71	3.42	1.02	5.99	5.51	5.26	5.06	4.81	4.53	4.21	3.85	3.46	3.02	2.48	1.84	1.2	0.65	0.26	6.35	5.83	5.56	5.34	5.08	4.77
1.86	3.72	4.7	3.71	3.41	1.02	5.99	5.51	5.26	5.06	4.81	4.53	4.21	3.85	3.47	3.02	2.48	1.84	1.2	0.65	0.26	6.32	5.81	5.54	5.32	5.06	4.76
1.34	3.71	4.7	3.72	3.37	1.02	5.98	5.51	5.26	5.06	4.82	4.54	4.21	3.86	3.47	3.02	2.48	1.84	1.19	0.65	0.26	6.3	5.79	5.52	5.31	5.05	4.75
1.87	3.7	4.72	3.69	3.39	1.02	5.98	5.51	5.26	5.06	4.82	4.54	4.22	3.86	3.47	3.03	2.48	1.84	1.19	0.64	0.26	6.27	5.77	5.51	5.29	5.04	4.74
1.61	3.71	4.71	3.66	3.41	1.01	5.98	5.51	5.27	5.07	4.83	4.55	4.23	3.87	3.48	3.03	2.48	1.84	1.19	0.64	0.25	6.26	5.75	5.49	5.28	5.03	4.73
1.77	3.69	4.7	3.7	3.39	1.01	5.99	5.52	5.27	5.07	4.83	4.56	4.24	3.88	3.49	3.03	2.48	1.84	1.18	0.64	0.25	6.24	5.74	5.48	5.27	5.02	4.73
1.77	3.69	4.69	3.71	3.38	1.01	6.01	5.54	5.29	5.09	4.85	4.57	4.25	3.89	3.49	3.04	2.48	1.83	1.18	0.63	0.25	6.24	5.74	5.47	5.27	5.02	4.72
1.6	3.67	4.71	3.67	3.37	1.01	6.03	5.56	5.31	5.11	4.87	4.58	4.26	3.9	3.5	3.04	2.48	1.83	1.17	0.62	0.24	6.24	5.74	5.47	5.27	5.02	4.72
2.01	3.69	4.7	3.66	3.4	1.01	6.06	5.59	5.33	5.13	4.89	4.6	4.28	3.91	3.51	3.04	2.47	1.82	1.16	0.62	0.24	6.24	5.75	5.48	5.27	5.02	4.72
1.83	3.7	4.69	3.71	3.41	1.01	6.09	5.62	5.36	5.15	4.91	4.62	4.29	3.93	3.52	3.05	2.47	1.81	1.15	0.61	0.24	6.25	5.75	5.48	5.27	5.02	4.72
1.87	3.71	4.71	3.72	3.43	1.02	6.13	5.65	5.38	5.17	4.93	4.64	4.31	3.94	3.53	3.05	2.46	1.8	1.15	0.61	0.23	6.26	5.76	5.49	5.27	5.02	4.72
2.09	3.72	4.73	3.68	3.41	1.02	6.16	5.67	5.4	5.19	4.94	4.65	4.32	3.95	3.54	3.05	2.46	1.8	1.14	0.6	0.23	6.26	5.75	5.48	5.26	5.01	4.71
2.29	3.9	4.71	3.84	3.69	1.02	6.19	5.69	5.42	5.21	4.96	4.67	4.33	3.96	3.54	3.05	2.46	1.79	1.13	0.6	0.23	6.26	5.74	5.47	5.25	5	4.7
2.07	4	4.67	3.93	3.78	1.02	6.22	5.7	5.43	5.22	4.97	4.67	4.34	3.97	3.55	3.05	2.45	1.78	1.13	0.59	0.23	6.26	5.72	5.45	5.23	4.98	4.69
1.59	3.72	4.71	3.7	3.45	1.02	6.25	5.71	5.44	5.22	4.97	4.68	4.34	3.97	3.55	3.05	2.45	1.78	1.12	0.59	0.22	6.25	5.7	5.43	5.21	4.96	4.66
1.29	3.69	4.69	3.67	3.37	1.02	6.27	5.71	5.44	5.23	4.97	4.68	4.34	3.97	3.55	3.05	2.45	1.77	1.12	0.59	0.22	6.24	5.67	5.4	5.18	4.93	4.64
1.83	3.7	4.71	3.7	3.38	1.02	6.3	5.72	5.45	5.23	4.97	4.68	4.35	3.97	3.55	3.05	2.44	1.77	1.11	0.58	0.22	6.23	5.64	5.37	5.15	4.9	4.61
1.85	3.71	4.72	3.66	3.41	1.02	6.32	5.72	5.45	5.23	4.97	4.68	4.35	3.97	3.55	3.05	2.44	1.76	1.1	0.58	0.22	6.22	5.62	5.35	5.13	4.88	4.59
2.17	3.7	4.69	3.68	3.39	1.02	6.34	5.73	5.45	5.23	4.97	4.68	4.34	3.97	3.55	3.04	2.43	1.75	1.1	0.57	0.21	6.2	5.6	5.32	5.1	4.85	4.56
1.88	3.71	4.7	3.68	3.42	1.02	6.35	5.74	5.45	5.23	4.97	4.68	4.34	3.97	3.54	3.03	2.42	1.74	1.09	0.57	0.21	6.19	5.58	5.3	5.08	4.83	4.54
1.61	3.7	4.7	3.7	3.41	1.02	6.36	5.74	5.45	5.23	4.97	4.68	4.34	3.96	3.54	3.02	2.41	1.73	1.08	0.56	0.21	6.17	5.56	5.07	5.05	4.81	4.52
1.91	3.7	4.68	3.67	3.41	1.02	6.36	5.75	5.45	5.23	4.97	4.68	4.34	3.96	3.53	3.01	2.4	1.72	1.07	0.56	0.2	6.15	5.54	5.25	5.03	4.78	4.5
1.73	3.73	4.7	3.7	3.4	1.02	6.36	5.75	5.45	5.23	4.97	4.68	4.33	3.95	3.52	3	2.38	1.71	1.06	0.55	0.2	6.13	5.53	5.23	5.01	4.77	4.48
1.55	3.73	4.69	3.71	3.41	1.01	6.35	5.75	5.45	5.23	4.97	4.67	4.33	3.95	3.51	2.99	2.37	1									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.03	3.73	4.7	3.72	3.42	1.09	6.29	5.68	5.39	5.17	4.92	4.62	4.27	3.88	3.46	2.95	2.35	1.7	1.07	0.57	0.22	5.93	5.35	5.07	4.87	4.62	4.34
1.62	3.73	4.72	3.73	3.44	1.09	6.26	5.65	5.36	5.15	4.89	4.59	4.25	3.87	3.44	2.95	2.35	1.7	1.07	0.56	0.22	5.93	5.34	5.06	4.86	4.62	4.34
1.73	3.73	4.69	3.71	3.43	1.08	6.23	5.62	5.33	5.12	4.87	4.57	4.23	3.85	3.43	2.94	2.35	1.7	1.06	0.56	0.21	5.93	5.34	5.06	4.86	4.62	4.33
1.87	3.7	4.65	3.69	3.4	1.08	6.2	5.59	5.3	5.09	4.84	4.54	4.2	3.83	3.41	2.93	2.34	1.69	1.06	0.55	0.21	5.93	5.33	5.06	4.85	4.61	4.33
1.87	3.69	4.67	3.69	3.39	1.07	6.18	5.56	5.28	5.06	4.81	4.52	4.18	3.81	3.4	2.92	2.34	1.69	1.05	0.55	0.21	5.94	5.33	5.05	4.85	4.61	4.32
1.36	3.71	4.69	3.67	3.38	1.05	6.15	5.52	5.25	5.03	4.79	4.49	4.16	3.79	3.38	2.91	2.33	1.68	1.05	0.54	0.2	5.93	5.31	5.04	4.84	4.6	4.31
1.25	3.72	4.68	3.71	3.4	1.04	6.12	5.49	5.21	5	4.76	4.47	4.14	3.77	3.37	2.9	2.32	1.68	1.04	0.54	0.2	5.93	5.3	5.03	4.83	4.59	4.3
1.52	3.72	4.7	3.71	3.42	1.03	6.08	5.45	5.18	4.97	4.73	4.44	4.12	3.75	3.36	2.89	2.31	1.67	1.03	0.53	0.2	5.91	5.28	5.01	4.81	4.57	4.29
1.95	3.7	4.71	3.71	3.36	1.02	6.04	5.42	5.16	4.95	4.71	4.42	4.1	3.74	3.34	2.88	2.3	1.66	1.02	0.53	0.2	5.88	5.26	5	4.8	4.56	4.28
2.25	3.69	4.68	3.7	3.38	1	5.99	5.39	5.13	4.93	4.69	4.41	4.09	3.73	3.33	2.87	2.29	1.65	1.01	0.52	0.19	5.85	5.25	4.99	4.79	4.56	4.28
2.06	3.69	4.67	3.68	3.4	0.99	5.95	5.37	5.12	4.91	4.68	4.4	4.08	3.72	3.33	2.86	2.29	1.64	1.01	0.51	0.19	5.82	5.24	4.99	4.79	4.56	4.28
1.64	3.68	4.66	3.7	3.37	0.98	5.92	5.36	5.11	4.91	4.68	4.4	4.08	3.72	3.32	2.85	2.28	1.63	1	0.51	0.19	5.8	5.24	4.99	4.8	4.56	4.29
1.97	3.69	4.71	3.67	3.36	0.97	5.9	5.35	5.11	4.91	4.68	4.4	4.08	3.72	3.32	2.85	2.27	1.62	0.99	0.5	0.18	5.79	5.25	5	4.81	4.57	4.3
2.04	3.68	4.7	3.7	3.38	0.97	5.89	5.36	5.12	4.92	4.69	4.41	4.09	3.73	3.32	2.84	2.26	1.61	0.98	0.49	0.18	5.8	5.27	5.02	4.83	4.59	4.32
1.86	3.68	4.67	3.69	3.39	0.97	5.89	5.38	5.14	4.94	4.71	4.43	4.1	3.73	3.32	2.84	2.25	1.59	0.96	0.48	0.17	5.81	5.29	5.05	4.86	4.62	4.34
1.7	3.68	4.71	3.66	3.38	0.96	5.91	5.4	5.17	4.97	4.73	4.44	4.11	3.74	3.33	2.83	2.24	1.57	0.94	0.46	0.17	5.84	5.32	5.09	4.89	4.64	4.36
1.49	3.68	4.69	3.66	3.35	0.96	5.93	5.43	5.19	4.99	4.75	4.46	4.12	3.75	3.33	2.82	2.22	1.56	0.92	0.45	0.16	5.87	5.35	5.12	4.91	4.67	4.38
1.84	3.68	4.7	3.66	3.37	0.96	5.96	5.45	5.22	5.01	4.76	4.47	4.13	3.76	3.33	2.82	2.21	1.54	0.9	0.44	0.16	5.9	5.38	5.14	4.94	4.69	4.4
2.05	3.7	4.7	3.7	3.38	0.96	5.98	5.47	5.24	5.02	4.78	4.48	4.14	3.76	3.32	2.8	2.19	1.51	0.88	0.43	0.15	5.93	5.4	5.17	4.96	4.71	4.42
1.76	3.7	4.69	3.7	3.38	0.97	6	5.48	5.25	5.03	4.78	4.49	4.14	3.76	3.32	2.79	2.17	1.49	0.86	0.41	0.14	5.95	5.42	5.19	4.97	4.72	4.43
1.88	3.68	4.69	3.7	3.38	0.97	6.02	5.49	5.26	5.04	4.79	4.49	4.14	3.75	3.3	2.77	2.14	1.46	0.84	0.4	0.13	5.98	5.44	5.2	4.98	4.73	4.43
1.31	3.69	4.69	3.73	3.41	0.97	6.03	5.5	5.26	5.05	4.79	4.49	4.14	3.74	3.29	2.75	2.11	1.43	0.81	0.38	0.13	6	5.45	5.21	5	4.74	4.44
1.95	3.69	4.69	3.7	3.38	0.98	6.05	5.51	5.27	5.05	4.8	4.5	4.14	3.74	3.27	2.72	2.08	1.4	0.78	0.37	0.12	6.01	5.47	5.22	5.01	4.75	4.45
2.13	3.69	4.69	3.7	3.4	0.98	6.06	5.53	5.28	5.06	4.81	4.5	4.14	3.73	3.25	2.69	2.05	1.36	0.76	0.35	0.11	6.03	5.49	5.24	5.02	4.76	4.46
2.16	3.7	4.69	3.71	3.38	0.99	6.07	5.55	5.29	5.08	4.82	4.51	4.14	3.72	3.23	2.66	2	1.32	0.73	0.33	0.11	6.05	5.52	5.26	5.04	4.79	4.47
2.21	3.69	4.71	3.68	3.38	0.99	6.08	5.56	5.3	5.09	4.83	4.52	4.14	3.71	3.21	2.62	1.96	1.28	0.7	0.31	0.1	6.07	5.54	5.28	5.06	4.8	4.48
2.09	3.71	4.71	3.7	3.4	1	6.09	5.58	5.32	5.1	4.84	4.52	4.14	3.69	3.17	2.57	1.91	1.23	0.66	0.29	0.09	6.09	5.56	5.3	5.08	4.82	4.49
1.64	3.69	4.71	3.7	3.37	1	6.1	5.59	5.33	5.12	4.85	4.53	4.14	3.68	3.14	2.53	1.85	1.18	0.63	0.27	0.08	6.11	5.59	5.32	5.1	4.84	4.51
1.69	3.7	4.68	3.68	3.36	1	6.11	5.61	5.35	5.13	4.86	4.53	4.13	3.66	3.11	2.48	1.8	1.13	0.59	0.25	0.08	6.13	5.61	5.35	5.12	4.85	4.52
1.7	3.71	4.7	3.69	3.37	1	6.12	5.62	5.36	5.14	4.87	4.53	4.13	3.64	3.08	2.43	1.74	1.08	0.56	0.24	0.07	6.14	5.63	5.36	5.14	4.86	4.52
1.4	3.69	4.69	3.71	3.4	1	6.12	5.62	5.37	5.14	4.87	4.53	4.12	3.62	3.04	2.38	1.68	1.03	0.52	0.22	0.06	6.15	5.64	5.38	5.15	4.87	4.52
1.76	3.7	4.69	3.73	3.39	1	6.12	5.62	5.37	5.14	4.87	4.52	4.1	3.59	3	2.33	1.62	0.97	0.48	0.2	0.05	6.15	5.64	5.38	5.15	4.87	4.52
1.73	3.69	4.7	3.69	3.36	1	6.11	5.62	5.37	5.14	4.86	4.52	4.09	3.57	2.96	2.27	1.56	0.92	0.45	0.18	0.05	6.15	5.64	5.38	5.15	4.87	4.52
1.82	3.69	4.68	3.69	3.37	1	6.1	5.62	5.37	5.14	4.86	4.51	4.08	3.54	2.92	2.22	1.5	0.88	0.42	0.16	0.04	6.15	5.65	5.39	5.16	4.87	4.51
2.06	3.69	4.69	3.68	3.39	1	6.1	5.63	5.37	5.14	4.86	4.5	4.06	3.51	2.88	2.16	1.44	0.83	0.39	0.15	0.04	6.14	5.65	5.39	5.16	4.87	4.5
2.12	3.68	4.67	3.66	3.42	1	6.1	5.63	5.37	5.14	4.85	4.49	4.04	3.48	2.83	2.1	1.38	0.78	0.36	0.13	0.04	6.14	5.66	5.39	5.15	4.86	4.49
1.97	3.67	4.68	3.7	3.37	1	6.1	5.64	5.38	5.14	4.85	4.48	4.01	3.44	2.77	2.04	1.32	0.73	0.33	0.12	0.03	6.14	5.66	5.39	5.15	4.86	4.48
1.69	3.68	4.69	3.67	3.38	0.99	6.11	5.64	5.38	5.14	4.84	4.46	3.98	3.39	2.71	1.97	1.25	0.68	0.3	0.11	0.03	6.14	5.66	5.39	5.15	4.85	4.46
1.97	3.7	4.69	3.68	3.38	0.99	6.12	5.65	5.38	5.14	4.83	4.44	3.95	3.34	2.64	1.89	1.18	0.63	0.27	0.09	0.03	6.15	5.67	5.39	5.14	4.83	4.44
1.44	3.69	4.7	3.71	3.38	0.99	6.13	5.66	5.38	5.14	4.82	4.42	3.91	3.29	2.57	1.82	1.12	0.58	0.25	0.08	0.02	6.15	5.67	5.38	5.13	4.82	4.41
1.72	3.7	4.68	3.69	3.37	0.99	6.15	5.67	5.38	5.14	4.81	4.4	3.87	3.22	2.5	1.74	1.06	0.54	0.22	0.07	0.02	6.16	5.67	5.38	5.12	4.8	4.38
2.1	3.69	4.69	3.7	3.4	1	6.17	5.67	5.39	5.13	4.8	4.37	3.82	3.16	2.42	1.66	0.99	0.49	0.2	0.06	0.01	6.17	5.67	5.37	5.11	4.78	4.35
1.49	3.67	4.67	3.69	3.4	1	6.18	5.68	5.39	5.13	4.79	4.35	3.78	3.09	2.34	1.58	0.93	0.46	0.18	0.05	0.01	6.18	5.67	5.37	5.1	4.76	4.32
1.82	3.67	4.68	3.7	3.39	1	6.2	5.69	5.39	5.13	4.77	4.32	3.73	3.02	2.26	1.51	0.87	0.42	0.16	0.05	0.01	6.19	5.67	5.36	5.1	4.74	4.28
1.55	3.69	4.68	3.68	3.39	1.01	6.22	5.7	5.4	5.13	4.76	4.29	3.68	2.95	2.18	1.43	0.82	0.39	0.15	0.04	0.01	6.2	5.68	5.37	5.09	4.73	4.25
1.95	3.71	4.7	3.69	3.42	1.01	6.24	5.72	5.41	5.13	4.75	4.26	3.63	2.88	2.1	1.36	0.76	0.36	0.14	0.04	0.008	6.22	5.69	5.37	5.09	4.71	4.22
1.61	3.68	4.7	3.68	3.39	1.02	6.26	5.73	5.42	5.13	4.74	4.23	3.58	2.81	2.02	1.29	0.71	0.33	0.12	0.03	0.006	6.23	5.7	5.38	5.09	4.7	4.19
1.91	3.68	4.71	3.69	3.39	1.03	6.27	5.74	5.42	5.13	4.72	4.2	3.52	2.74	1.94	1.22	0.66	0.3	0.11	0.03	0.004	6.25	5.71	5.39	5.09	4.68	4.16
0.96	3.7	4.69	3.71	3.4	1.03	6.28	5.74	5.42	5.12	4.7	4.16	3.46	2.66	1.86	1.15	0.61	0.27	0.1	0.02	0.003	6.26	5.72	5.39	5.08	4.67	4.12
0.86	3.71	4.7	3.73	3.42	1.04	6.28	5.74	5.42	5.1	4.67	4.11	3.4	2.59	1.79	1.09	0.57	0.25	0.09	0.02	0.001	6.27	5.7				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.6	3.68	4.66	3.7	3.39	1.01	6.24	5.51	4.98	4.38	3.58	2.66	1.71	0.95	0.48	0.22	0.1	0.04	0.01	0.006	0.004	6.03	5.31	4.8	4.21	3.44	2.55
1.58	3.71	4.69	3.7	3.39	1.01	6.22	5.49	4.95	4.34	3.54	2.62	1.68	0.93	0.47	0.21	0.1	0.04	0.01	0.006	0.004	5.97	5.25	4.74	4.15	3.38	2.5
1.88	3.72	4.68	3.7	3.4	1.01	6.2	5.47	4.92	4.31	3.5	2.58	1.65	0.91	0.46	0.21	0.1	0.04	0.01	0.005	0.004	5.91	5.2	4.68	4.09	3.32	2.45
1.99	3.69	4.69	3.7	3.39	1.01	6.18	5.45	4.89	4.27	3.46	2.54	1.62	0.9	0.45	0.21	0.09	0.04	0.01	0.005	0.003	5.86	5.15	4.62	4.04	3.27	2.41
2.27	3.69	4.69	3.7	3.4	1.01	6.18	5.44	4.87	4.25	3.43	2.51	1.6	0.89	0.44	0.2	0.09	0.04	0.01	0.005	0.003	5.83	5.12	4.58	3.99	3.23	2.37
2.03	3.7	4.71	3.68	3.38	1.02	6.19	5.44	4.87	4.23	3.41	2.49	1.59	0.88	0.44	0.2	0.09	0.04	0.01	0.005	0.003	5.81	5.1	4.55	3.96	3.19	2.34
1.52	3.7	4.69	3.69	3.38	1.02	6.22	5.45	4.87	4.23	3.4	2.48	1.57	0.87	0.43	0.19	0.08	0.04	0.01	0.004	0.003	5.82	5.09	4.54	3.94	3.17	2.32
1.65	3.7	4.71	3.67	3.4	1.02	6.26	5.48	4.88	4.22	3.39	2.46	1.56	0.87	0.42	0.19	0.08	0.03	0.01	0.003	0.003	5.83	5.09	4.53	3.92	3.15	2.3
1.87	3.7	4.7	3.7	3.4	1.02	6.3	5.5	4.89	4.22	3.38	2.45	1.55	0.86	0.42	0.19	0.08	0.03	0.01	0.003	0.002	5.85	5.1	4.53	3.91	3.13	2.28
1.99	3.71	4.71	3.7	3.41	1.02	6.34	5.53	4.9	4.22	3.36	2.43	1.54	0.85	0.41	0.18	0.07	0.03	0.009	0.002	0.002	5.88	5.11	4.52	3.89	3.11	2.26
2.03	3.71	4.68	3.72	3.42	1.02	6.37	5.54	4.9	4.2	3.34	2.41	1.53	0.85	0.41	0.18	0.07	0.02	0.008	0.002	0.002	5.9	5.12	4.51	3.87	3.08	2.24
1.97	3.7	4.65	3.69	3.42	1.02	6.4	5.55	4.88	4.18	3.31	2.38	1.51	0.84	0.41	0.18	0.07	0.02	0.007	0.002	0.002	5.91	5.11	4.49	3.84	3.05	2.21
2.08	3.68	4.68	3.69	3.41	1.02	6.42	5.54	4.85	4.14	3.26	2.34	1.49	0.83	0.4	0.17	0.07	0.02	0.006	0.003	0.001	5.92	5.1	4.46	3.8	3.01	2.17
1.9	3.69	4.7	3.74	3.39	1.02	6.42	5.52	4.81	4.08	3.21	2.3	1.46	0.81	0.4	0.17	0.07	0.02	0.007	0.004	0.001	5.93	5.08	4.42	3.76	2.96	2.13
2.12	3.68	4.69	3.73	3.42	1.02	6.43	5.49	4.76	4.03	3.15	2.25	1.42	0.8	0.4	0.17	0.07	0.02	0.008	0.005	0	5.93	5.05	4.38	3.7	2.9	2.08
2.22	3.67	4.67	3.72	3.39	1.02	6.43	5.46	4.72	3.97	3.08	2.19	1.39	0.78	0.39	0.17	0.07	0.02	0.009	0.006	0	5.94	5.03	4.34	3.65	2.84	2.03
2.04	3.7	4.68	3.72	3.38	1.02	6.43	5.43	4.68	3.91	3.02	2.14	1.36	0.77	0.39	0.17	0.07	0.02	0.01	0.007	0	5.96	5.02	4.31	3.61	2.79	1.99
2.22	3.7	4.67	3.71	3.39	1.01	6.43	5.41	4.64	3.86	2.97	2.09	1.32	0.75	0.38	0.17	0.07	0.03	0.01	0.008	0	5.97	5.01	4.29	3.57	2.75	1.95
2.11	3.71	4.67	3.72	3.39	1.01	6.43	5.4	4.62	3.83	2.92	2.05	1.29	0.74	0.38	0.17	0.07	0.03	0.01	0.008	-0.001	5.99	5.01	4.28	3.55	2.72	1.91
2.18	3.71	4.67	3.7	3.4	1.01	6.42	5.39	4.61	3.8	2.89	2.02	1.27	0.72	0.37	0.17	0.07	0.03	0.01	0.008	-0.001	6	5.01	4.28	3.53	2.69	1.89
2.17	3.7	4.7	3.69	3.42	1.01	6.41	5.38	4.6	3.79	2.87	1.99	1.25	0.71	0.37	0.17	0.07	0.03	0.01	0.008	-0.001	6.01	5.02	4.29	3.53	2.68	1.87
2.14	3.7	4.69	3.65	3.4	1	6.39	5.37	4.59	3.78	2.86	1.98	1.24	0.7	0.36	0.17	0.07	0.03	0.01	0.008	-0.001	6.02	5.03	4.3	3.54	2.68	1.86
2.27	3.7	4.71	3.7	3.41	1	6.36	5.35	4.59	3.78	2.85	1.97	1.23	0.7	0.36	0.17	0.07	0.03	0.01	0.007	-0.001	6.02	5.04	4.31	3.55	2.68	1.86
2.09	3.71	4.68	3.72	3.41	0.99	6.33	5.33	4.58	3.78	2.86	1.97	1.23	0.69	0.36	0.17	0.07	0.03	0.01	0.007	-0.001	6.01	5.04	4.32	3.56	2.69	1.87
1.69	3.69	4.71	3.69	3.38	0.98	6.29	5.3	4.57	3.78	2.86	1.98	1.23	0.69	0.35	0.17	0.07	0.03	0.01	0.007	-0.001	6	5.04	4.33	3.58	2.71	1.88
2.18	3.71	4.7	3.7	3.4	0.98	6.24	5.27	4.56	3.78	2.88	2	1.24	0.69	0.35	0.17	0.07	0.03	0.01	0.007	-0.001	5.98	5.03	4.34	3.59	2.74	1.9
2.01	3.69	4.69	3.68	3.38	0.97	6.19	5.25	4.55	3.79	2.9	2.02	1.25	0.7	0.36	0.17	0.07	0.03	0.01	0.006	0	5.97	5.03	4.35	3.62	2.77	1.93
2	3.68	4.72	3.66	3.37	0.96	6.15	5.23	4.55	3.81	2.92	2.04	1.27	0.7	0.36	0.17	0.07	0.03	0.01	0.006	0	5.96	5.04	4.37	3.65	2.81	1.96
1.97	3.68	4.71	3.72	3.34	0.95	6.13	5.22	4.55	3.83	2.96	2.07	1.29	0.71	0.36	0.17	0.07	0.03	0.01	0.005	0	5.97	5.06	4.4	3.69	2.85	2
1.93	3.68	4.71	3.72	3.36	0.95	6.12	5.23	4.57	3.86	2.99	2.1	1.3	0.72	0.36	0.17	0.07	0.03	0.01	0.005	0.001	5.99	5.09	4.44	3.74	2.9	2.03
2.09	3.71	4.71	3.69	3.36	0.95	6.13	5.25	4.6	3.89	3.02	2.13	1.32	0.73	0.37	0.17	0.07	0.03	0.01	0.005	0.001	6.02	5.13	4.49	3.79	2.94	2.07
1.83	3.69	4.69	3.72	3.37	0.95	6.14	5.27	4.62	3.92	3.06	2.15	1.34	0.74	0.37	0.17	0.08	0.03	0.01	0.005	0.002	6.06	5.18	4.53	3.84	2.98	2.1
1.92	3.73	4.69	3.72	3.36	0.95	6.16	5.29	4.65	3.95	3.08	2.17	1.35	0.75	0.38	0.18	0.08	0.04	0.01	0.006	0.002	6.1	5.21	4.57	3.87	3.02	2.13
1.84	3.74	4.71	3.71	3.39	0.95	6.18	5.3	4.66	3.96	3.09	2.19	1.36	0.76	0.38	0.18	0.08	0.04	0.01	0.006	0.002	6.12	5.24	4.6	3.9	3.04	2.15
1.83	3.69	4.7	3.71	3.39	0.95	6.18	5.3	4.66	3.96	3.1	2.19	1.37	0.77	0.39	0.19	0.09	0.04	0.01	0.006	0.002	6.14	5.25	4.61	3.91	3.06	2.16
2.1	3.7	4.71	3.68	3.4	0.96	6.18	5.3	4.66	3.96	3.1	2.2	1.38	0.77	0.4	0.19	0.09	0.04	0.01	0.007	0.002	6.15	5.26	4.62	3.92	3.06	2.17
1.6	3.68	4.71	3.71	3.37	0.97	6.16	5.28	4.64	3.95	3.09	2.2	1.39	0.78	0.4	0.2	0.09	0.04	0.01	0.008	0.003	6.15	5.26	4.63	3.93	3.07	2.19
1.85	3.68	4.7	3.67	3.41	0.98	6.15	5.27	4.64	3.94	3.09	2.21	1.4	0.8	0.41	0.2	0.1	0.04	0.02	0.009	0.003	6.16	5.28	4.64	3.94	3.09	2.2
1.79	3.69	4.7	3.68	3.39	1	6.14	5.27	4.64	3.95	3.1	2.22	1.41	0.81	0.42	0.21	0.1	0.05	0.02	0.01	0.004	6.18	5.3	4.66	3.96	3.11	2.23
1.86	3.71	4.69	3.72	3.39	1.02	6.13	5.28	4.65	3.96	3.12	2.25	1.44	0.83	0.43	0.21	0.1	0.05	0.02	0.01	0.004	6.21	5.34	4.7	4	3.15	2.26
1.91	3.73	4.71	3.71	3.37	1.04	6.13	5.3	4.67	3.99	3.15	2.28	1.46	0.85	0.45	0.22	0.1	0.05	0.02	0.01	0.004	6.25	5.39	4.75	4.05	3.2	2.31
1.36	3.71	4.71	3.69	3.41	1.06	6.13	5.32	4.69	4.02	3.19	2.31	1.5	0.87	0.46	0.22	0.1	0.05	0.02	0.01	0.004	6.29	5.45	4.81	4.11	3.26	2.36
1.77	3.72	4.7	3.7	3.43	1.08	6.13	5.33	4.72	4.05	3.23	2.35	1.53	0.89	0.47	0.23	0.1	0.05	0.02	0.01	0.004	6.33	5.51	4.87	4.18	3.32	2.42
1.62	3.74	4.7	3.71	3.42	1.1	6.11	5.34	4.74	4.08	3.27	2.4	1.57	0.92	0.49	0.23	0.11	0.05	0.02	0.01	0.005	6.36	5.55	4.93	4.24	3.39	2.48
1.82	3.74	4.71	3.75	3.44	1.11	6.08	5.34	4.75	4.11	3.31	2.44	1.61	0.95	0.5	0.24	0.11	0.05	0.02	0.01	0.005	6.38	5.59	4.98	4.3	3.45	2.54
2.02	3.73	4.7	3.76	3.43	1.12	6.04	5.32	4.75	4.13	3.35	2.49	1.66	0.98	0.52	0.25	0.11	0.05	0.02	0.01	0.006	6.38	5.61	5.01	4.35	3.51	2.61
1.72	3.72	4.71	3.71	3.41	1.13	5.99	5.3	4.75	4.14	3.38	2.53	1.7	1.02	0.55	0.26	0.12	0.05	0.02	0.01	0.007	6.37	5.63	5.05	4.39	3.57	2.67
1.63	3.71	4.7	3.69	3.42	1.13	5.95	5.27	4.75	4.16	3.41	2.58	1.75	1.05	0.57	0.28	0.13	0.06	0.03	0.02	0.008	6.37	5.65	5.08	4.44	3.64	2.73
1.64	3.71	4.72	3.69	3.39	1.13	5.9	5.25	4.74	4.18	3.45	2.63	1.79	1.09	0.6	0.29	0.14	0.06	0.03	0.02	0.009	6.38	5.67	5.12	4.5	3.7	2.81
1.39	3.73	4.7	3.68	3.38	1.13	5.87	5.24	4.75	4.2	3.49	2.															

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.94	3.68	4.7	3.69	3.38	0.97	5.51	5.3	5.07	4.8	4.43	3.9	3.2	2.41	1.62	0.94	0.46	0.18	0.06	0.01	-0.004	7.2	6.92	6.61	6.26	5.76	5.04
2.05	3.67	4.67	3.69	3.39	0.98	5.53	5.32	5.08	4.82	4.45	3.92	3.23	2.43	1.65	0.97	0.48	0.2	0.07	0.02	-0.002	7.23	6.95	6.64	6.29	5.79	5.08
2.03	3.68	4.69	3.68	3.4	0.98	5.55	5.34	5.1	4.84	4.47	3.94	3.25	2.46	1.68	1	0.51	0.21	0.07	0.02	0	7.26	6.98	6.66	6.32	5.82	5.11
1.79	3.66	4.69	3.68	3.37	0.99	5.56	5.35	5.11	4.86	4.48	3.96	3.28	2.49	1.71	1.03	0.53	0.23	0.08	0.03	0.002	7.29	7.01	6.69	6.35	5.85	5.14
1.77	3.68	4.7	3.71	3.35	1	5.58	5.37	5.13	4.88	4.5	3.98	3.3	2.52	1.74	1.06	0.56	0.25	0.09	0.03	0.004	7.31	7.04	6.72	6.38	5.88	5.18
2.1	3.69	4.68	3.69	3.36	1	5.59	5.38	5.15	4.89	4.52	4.01	3.32	2.55	1.77	1.09	0.58	0.26	0.1	0.03	0.006	7.35	7.07	6.75	6.42	5.92	5.22
2.13	3.7	4.71	3.72	3.35	1.01	5.61	5.4	5.16	4.91	4.54	4.03	3.35	2.58	1.8	1.12	0.6	0.27	0.11	0.04	0.007	7.38	7.11	6.79	6.45	5.96	5.26
1.64	3.71	4.7	3.7	3.39	1.02	5.62	5.42	5.18	4.93	4.56	4.05	3.37	2.6	1.83	1.14	0.62	0.28	0.11	0.04	0.008	7.41	7.14	6.83	6.49	5.99	5.3
2.07	3.7	4.67	3.68	3.39	1.02	5.63	5.43	5.2	4.95	4.58	4.07	3.4	2.63	1.86	1.16	0.63	0.29	0.12	0.04	0.007	7.44	7.18	6.87	6.53	6.03	5.34
2.17	3.69	4.68	3.68	3.36	1.03	5.63	5.44	5.21	4.96	4.59	4.09	3.42	2.65	1.88	1.18	0.65	0.3	0.12	0.04	0.006	7.47	7.21	6.91	6.57	6.07	5.38
1.73	3.7	4.7	3.68	3.38	1.03	5.64	5.46	5.23	4.97	4.61	4.1	3.44	2.67	1.9	1.2	0.66	0.3	0.12	0.04	0.005	7.49	7.24	6.94	6.6	6.1	5.41
1.64	3.7	4.68	3.69	3.37	1.03	5.65	5.47	5.24	4.99	4.62	4.12	3.46	2.69	1.92	1.22	0.68	0.31	0.12	0.03	0.005	7.51	7.27	6.97	6.63	6.13	5.45
1.57	3.68	4.68	3.66	3.41	1.03	5.66	5.47	5.25	5	4.63	4.13	3.47	2.71	1.94	1.24	0.69	0.32	0.12	0.03	0.005	7.53	7.29	6.99	6.66	6.16	5.48
1.85	3.69	4.67	3.7	3.39	1.03	5.66	5.48	5.26	5.01	4.65	4.15	3.49	2.73	1.95	1.26	0.7	0.32	0.12	0.03	0.005	7.55	7.31	7.02	6.68	6.19	5.5
1.86	3.69	4.69	3.69	3.38	1.03	5.66	5.49	5.27	5.02	4.66	4.16	3.5	2.74	1.97	1.27	0.71	0.33	0.12	0.03	0.006	7.57	7.33	7.04	6.7	6.21	5.53
1.64	3.67	4.67	3.69	3.36	1.03	5.67	5.49	5.28	5.03	4.67	4.17	3.51	2.75	1.99	1.29	0.73	0.34	0.13	0.03	0.007	7.58	7.35	7.06	6.72	6.23	5.55
1.9	3.68	4.66	3.69	3.37	1.03	5.68	5.5	5.29	5.04	4.68	4.18	3.52	2.76	2	1.31	0.74	0.35	0.13	0.04	0.008	7.6	7.37	7.08	6.74	6.25	5.57
2	3.69	4.66	3.69	3.39	1.03	5.69	5.52	5.3	5.05	4.69	4.19	3.53	2.77	2.01	1.32	0.75	0.36	0.14	0.04	0.008	7.62	7.39	7.1	6.76	6.28	5.59
2.04	3.69	4.7	3.68	3.39	1.04	5.71	5.53	5.31	5.06	4.7	4.2	3.54	2.78	2.03	1.34	0.77	0.37	0.14	0.04	0.009	7.65	7.42	7.12	6.79	6.3	5.61
2.05	3.7	4.68	3.67	3.37	1.04	5.73	5.56	5.33	5.08	4.72	4.21	3.55	2.79	2.04	1.35	0.79	0.39	0.15	0.04	0.01	7.68	7.45	7.15	6.82	6.32	5.63
2.01	3.71	4.68	3.69	3.37	1.04	5.75	5.58	5.35	5.1	4.73	4.22	3.56	2.81	2.06	1.37	0.81	0.4	0.16	0.05	0.01	7.69	7.49	7.19	6.85	6.35	5.64
1.57	3.66	4.7	3.68	3.38	1.04	5.78	5.61	5.38	5.12	4.75	4.24	3.57	2.82	2.08	1.39	0.82	0.41	0.16	0.05	0.01	7.76	7.54	7.22	6.88	6.37	5.67
1.55	3.68	4.7	3.7	3.37	1.04	5.81	5.64	5.4	5.14	4.77	4.25	3.58	2.84	2.1	1.41	0.84	0.42	0.17	0.06	0.01	7.8	7.58	7.27	6.92	6.4	5.69
1.65	3.69	4.71	3.69	3.36	1.04	5.83	5.67	5.43	5.17	4.78	4.26	3.6	2.86	2.12	1.44	0.86	0.44	0.18	0.06	0.01	7.84	7.63	7.31	6.95	6.43	5.71
1.76	3.7	4.67	3.7	3.37	1.04	5.85	5.7	5.46	5.19	4.8	4.28	3.62	2.88	2.14	1.46	0.88	0.45	0.19	0.06	0.01	7.87	7.67	7.35	6.99	6.46	5.74
1.74	3.69	4.7	3.69	3.38	1.04	5.86	5.72	5.48	5.21	4.82	4.3	3.64	2.91	2.17	1.48	0.9	0.46	0.19	0.06	0.01	7.89	7.7	7.38	7.01	6.48	5.77
1.55	3.7	4.67	3.67	3.38	1.03	5.87	5.73	5.49	5.22	4.83	4.32	3.67	2.94	2.2	1.51	0.91	0.47	0.2	0.07	0.01	7.9	7.72	7.4	7.03	6.51	5.8
1.32	3.68	4.69	3.7	3.38	1.03	5.87	5.74	5.5	5.23	4.85	4.34	3.7	2.97	2.23	1.53	0.92	0.47	0.2	0.07	0.01	7.89	7.72	7.4	7.04	6.52	5.82
2.06	3.68	4.7	3.7	3.37	1.03	5.86	5.73	5.5	5.24	4.86	4.37	3.73	3	2.26	1.55	0.94	0.48	0.2	0.07	0.01	7.87	7.7	7.39	7.04	6.53	5.85
1.87	3.69	4.68	3.69	3.37	1.02	5.85	5.73	5.49	5.24	4.88	4.39	3.76	3.04	2.29	1.57	0.95	0.49	0.21	0.07	0.01	7.83	7.68	7.37	7.03	6.53	5.87
1.05	3.68	4.69	3.65	3.37	1.01	5.84	5.71	5.49	5.24	4.89	4.41	3.79	3.07	2.32	1.59	0.95	0.49	0.21	0.08	0.01	7.8	7.64	7.33	7.01	6.53	5.88
1.69	3.67	4.67	3.63	3.36	1	5.83	5.71	5.48	5.25	4.9	4.44	3.82	3.1	2.34	1.6	0.96	0.49	0.21	0.08	0.01	7.76	7.59	7.3	6.98	6.52	5.88
2.05	3.67	4.69	3.66	3.35	1	5.83	5.7	5.48	5.25	4.91	4.46	3.85	3.13	2.36	1.61	0.96	0.5	0.22	0.08	0.01	7.72	7.55	7.26	6.95	6.5	5.88
2.1	3.69	4.68	3.69	3.36	0.99	5.84	5.7	5.48	5.26	4.93	4.47	3.87	3.15	2.37	1.61	0.97	0.5	0.22	0.08	0.01	7.69	7.52	7.23	6.93	6.49	5.88
1.95	3.68	4.67	3.71	3.35	0.98	5.85	5.71	5.5	5.27	4.94	4.49	3.89	3.16	2.38	1.62	0.97	0.5	0.23	0.08	0.01	7.67	7.49	7.2	6.91	6.47	5.86
2.09	3.67	4.7	3.67	3.36	0.97	5.87	5.74	5.52	5.29	4.96	4.5	3.9	3.17	2.38	1.62	0.98	0.51	0.23	0.08	0.01	7.65	7.47	7.19	6.89	6.45	5.84
2.33	3.67	4.7	3.67	3.37	0.97	5.9	5.77	5.55	5.32	4.98	4.52	3.91	3.17	2.39	1.62	0.98	0.52	0.24	0.08	0.01	7.63	7.46	7.18	6.88	6.43	5.82
2.17	3.68	4.7	3.66	3.35	0.96	5.93	5.8	5.58	5.35	5	4.53	3.91	3.17	2.39	1.63	0.99	0.53	0.25	0.09	0.01	7.62	7.46	7.18	6.87	6.42	5.8
2.14	3.69	4.69	3.68	3.36	0.96	5.97	5.85	5.63	5.39	5.03	4.55	3.92	3.18	2.39	1.64	1.01	0.54	0.26	0.09	0.01	7.61	7.46	7.18	6.87	6.41	5.78
1.92	3.65	4.7	3.66	3.34	0.95	6.02	5.9	5.68	5.43	5.07	4.58	3.94	3.18	2.4	1.65	1.03	0.56	0.27	0.1	0.02	7.62	7.48	7.19	6.88	6.41	5.77
1.56	3.66	4.68	3.67	3.34	0.95	6.07	5.96	5.73	5.48	5.11	4.61	3.96	3.2	2.41	1.67	1.05	0.59	0.28	0.11	0.02	7.63	7.49	7.21	6.89	6.41	5.77
1.81	3.66	4.67	3.68	3.35	0.94	6.12	6.01	5.79	5.53	5.15	4.64	3.98	3.22	2.44	1.7	1.09	0.62	0.3	0.12	0.02	7.64	7.51	7.23	6.9	6.42	5.77
2.24	3.66	4.71	3.66	3.41	0.94	6.17	6.06	5.83	5.57	5.2	4.68	4.02	3.26	2.47	1.74	1.12	0.65	0.32	0.13	0.03	7.65	7.51	7.23	6.91	6.43	5.78
1.91	3.64	4.68	3.67	3.34	0.93	6.2	6.09	5.87	5.61	5.24	4.73	4.07	3.3	2.52	1.79	1.17	0.68	0.35	0.14	0.03	7.64	7.51	7.23	6.91	6.44	5.8
1.76	3.65	4.66	3.68	3.34	0.93	6.23	6.12	5.9	5.65	5.28	4.78	4.12	3.36	2.58	1.85	1.22	0.72	0.37	0.15	0.04	7.63	7.5	7.23	6.91	6.46	5.83
1.28	3.65	4.68	3.66	3.34	0.93	6.25	6.15	5.93	5.68	5.33	4.83	4.19	3.43	2.65	1.91	1.27	0.76	0.39	0.16	0.04	7.61	7.48	7.22	6.92	6.48	5.86
2	3.66	4.69	3.67	3.37	0.92	6.26	6.16	5.95	5.71	5.37	4.89	4.26	3.51	2.73	1.99	1.33	0.8	0.41	0.17	0.04	7.59	7.46	7.2	6.91	6.49	5.9
2	3.67	4.7	3.65	3.34	0.92	6.27	6.17	5.96	5.74	5.41	4.95	4.33	3.6	2.82	2.06	1.39	0.83	0.43	0.18	0.05	7.56	7.44	7.18	6.91	6.51	5.94
2.06	3.69	4.69	3.69	3.35	0.92	6.28	6.18	5.98	5.76	5.45	5	4.4	3.68	2.9	2.14	1.45	0.87	0.45	0.19	0.05	7.54	7.43	7.17	6.91	6.53	5.98
2	3.69	4.69	3.68	3.35	0.92	6.29	6.2	5.99	5.79	5.49	5.05	4.47	3.76	2.99	2.21	1.5	0.91									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.57	3.69	4.71	3.71	3.39	0.97	7.03	6.94	6.73	6.53	6.28	5.96	5.58	5.12	4.56	3.87	3.02	2.09	1.23	0.61	0.21	7.96	7.86	7.63	7.4	7.1	6.74
2.24	3.68	4.68	3.68	3.39	0.96	7.03	6.94	6.74	6.54	6.28	5.96	5.58	5.13	4.58	3.89	3.04	2.11	1.25	0.62	0.22	7.95	7.85	7.62	7.39	7.09	6.73
2.34	3.68	4.68	3.69	3.37	0.96	7.03	6.94	6.74	6.54	6.28	5.97	5.59	5.14	4.59	3.9	3.05	2.12	1.26	0.63	0.22	7.95	7.84	7.61	7.38	7.09	6.73
2.24	3.67	4.68	3.7	3.39	0.95	7.04	6.95	6.75	6.55	6.29	5.97	5.6	5.15	4.6	3.91	3.06	2.13	1.27	0.63	0.23	7.94	7.84	7.61	7.38	7.08	6.73
2.21	3.69	4.69	3.69	3.39	0.95	7.04	6.96	6.75	6.55	6.29	5.98	5.6	5.15	4.6	3.91	3.06	2.13	1.27	0.64	0.23	7.93	7.84	7.6	7.37	7.08	6.72
1.88	3.69	4.69	3.7	3.38	0.95	7.05	6.97	6.76	6.56	6.3	5.99	5.61	5.16	4.61	3.91	3.06	2.13	1.28	0.64	0.23	7.93	7.84	7.6	7.37	7.08	6.72
1.93	3.68	4.69	3.7	3.37	0.95	7.06	6.98	6.77	6.57	6.31	6	5.62	5.17	4.61	3.91	3.06	2.14	1.28	0.64	0.23	7.93	7.84	7.6	7.37	7.08	6.72
2.32	3.68	4.69	3.68	3.35	0.94	7.07	6.99	6.78	6.58	6.32	6	5.62	5.17	4.61	3.91	3.06	2.14	1.29	0.65	0.23	7.93	7.83	7.6	7.37	7.07	6.72
2.31	3.66	4.68	3.67	3.36	0.94	7.08	6.99	6.79	6.59	6.33	6.01	5.63	5.18	4.62	3.91	3.06	2.14	1.29	0.65	0.23	7.93	7.83	7.6	7.37	7.07	6.72
1.8	3.68	4.7	3.7	3.37	0.94	7.09	7	6.8	6.6	6.34	6.02	5.64	5.18	4.62	3.91	3.05	2.14	1.29	0.66	0.24	7.93	7.83	7.59	7.37	7.07	6.71
1.88	3.69	4.66	3.72	3.38	0.94	7.11	7.01	6.8	6.61	6.35	6.03	5.65	5.19	4.62	3.9	3.05	2.13	1.3	0.66	0.24	7.93	7.82	7.59	7.36	7.07	6.71
1.43	3.68	4.69	3.7	3.36	0.94	7.11	7.02	6.81	6.62	6.36	6.04	5.66	5.19	4.62	3.9	3.04	2.13	1.3	0.66	0.24	7.92	7.82	7.58	7.36	7.06	6.71
1.86	3.69	4.66	3.71	3.36	0.94	7.12	7.03	6.83	6.63	6.37	6.05	5.67	5.2	4.62	3.9	3.04	2.13	1.3	0.66	0.24	7.92	7.81	7.58	7.36	7.06	6.71
1.94	3.66	4.68	3.67	3.39	0.93	7.14	7.04	6.84	6.64	6.38	6.06	5.67	5.2	4.62	3.89	3.03	2.12	1.3	0.66	0.24	7.91	7.81	7.57	7.35	7.06	6.7
1.47	3.66	4.69	3.68	3.35	0.93	7.15	7.05	6.85	6.65	6.39	6.07	5.68	5.2	4.62	3.89	3.03	2.12	1.3	0.66	0.24	7.9	7.8	7.56	7.34	7.05	6.69
1.91	3.67	4.68	3.69	3.36	0.93	7.15	7.06	6.85	6.66	6.4	6.08	5.68	5.21	4.62	3.89	3.03	2.12	1.3	0.66	0.24	7.89	7.78	7.55	7.33	7.03	6.68
1.89	3.68	4.68	3.67	3.38	0.93	7.16	7.06	6.85	6.66	6.4	6.08	5.69	5.21	4.62	3.88	3.02	2.12	1.3	0.66	0.24	7.87	7.76	7.52	7.3	7.01	6.65
2.18	3.67	4.69	3.68	3.37	0.93	7.17	7.06	6.85	6.66	6.4	6.08	5.68	5.2	4.61	3.88	3.02	2.12	1.3	0.66	0.23	7.85	7.73	7.49	7.27	6.99	6.63
1.98	3.68	4.69	3.68	3.36	0.93	7.17	7.06	6.85	6.66	6.39	6.08	5.68	5.2	4.61	3.88	3.03	2.12	1.3	0.66	0.23	7.82	7.7	7.46	7.24	6.96	6.6
2.01	3.67	4.69	3.69	3.38	0.93	7.18	7.06	6.85	6.65	6.39	6.08	5.68	5.2	4.62	3.89	3.03	2.12	1.3	0.66	0.23	7.8	7.67	7.43	7.21	6.93	6.58
1.68	3.66	4.67	3.66	3.37	0.93	7.2	7.07	6.85	6.66	6.4	6.08	5.68	5.21	4.62	3.89	3.04	2.13	1.3	0.66	0.23	7.79	7.64	7.41	7.19	6.9	6.55
1.76	3.64	4.7	3.67	3.34	0.94	7.21	7.08	6.86	6.66	6.4	6.08	5.69	5.21	4.63	3.9	3.05	2.14	1.31	0.66	0.23	7.78	7.63	7.39	7.17	6.89	6.53
2.1	3.66	4.68	3.68	3.36	0.94	7.24	7.09	6.88	6.68	6.41	6.09	5.7	5.22	4.64	3.92	3.06	2.15	1.32	0.67	0.23	7.78	7.62	7.39	7.16	6.88	6.53
1.93	3.68	4.69	3.68	3.37	0.95	7.26	7.11	6.9	6.69	6.42	6.1	5.7	5.23	4.65	3.93	3.08	2.16	1.33	0.67	0.23	7.8	7.63	7.39	7.17	6.88	6.52
1.46	3.68	4.71	3.71	3.39	0.96	7.29	7.13	6.91	6.7	6.43	6.11	5.71	5.24	4.66	3.95	3.1	2.18	1.34	0.68	0.23	7.81	7.64	7.4	7.17	6.88	6.52
1.8	3.68	4.71	3.68	3.39	0.97	7.3	7.14	6.92	6.71	6.44	6.11	5.72	5.24	4.67	3.96	3.11	2.2	1.35	0.69	0.23	7.82	7.64	7.4	7.17	6.88	6.52
1.92	3.7	4.72	3.7	3.41	0.98	7.31	7.14	6.92	6.71	6.44	6.11	5.71	5.24	4.67	3.97	3.13	2.21	1.36	0.69	0.23	7.82	7.64	7.4	7.17	6.88	6.52
1.78	3.69	4.71	3.69	3.41	0.99	7.3	7.14	6.92	6.71	6.44	6.11	5.71	5.24	4.67	3.98	3.14	2.23	1.37	0.7	0.23	7.82	7.63	7.4	7.17	6.87	6.51
1.97	3.69	4.69	3.71	3.39	0.99	7.29	7.12	6.91	6.7	6.43	6.1	5.7	5.23	4.67	3.98	3.15	2.24	1.38	0.7	0.23	7.81	7.62	7.38	7.15	6.86	6.5
1.96	3.68	4.67	3.71	3.39	1	7.28	7.11	6.89	6.68	6.41	6.08	5.69	5.22	4.67	3.98	3.16	2.26	1.39	0.71	0.23	7.79	7.6	7.37	7.14	6.85	6.49
2.1	3.7	4.69	3.67	3.36	1	7.26	7.09	6.88	6.67	6.4	6.07	5.68	5.22	4.66	3.99	3.17	2.27	1.41	0.72	0.24	7.78	7.59	7.36	7.13	6.84	6.48
2	3.7	4.7	3.71	3.34	1.01	7.24	7.07	6.86	6.65	6.38	6.05	5.66	5.21	4.66	3.99	3.19	2.29	1.43	0.73	0.24	7.76	7.58	7.34	7.11	6.82	6.47
1.83	3.68	4.7	3.71	3.37	1.01	7.21	7.05	6.84	6.63	6.36	6.03	5.65	5.19	4.65	3.99	3.2	2.31	1.44	0.74	0.24	7.74	7.56	7.33	7.1	6.81	6.45
1.54	3.69	4.71	3.68	3.39	1.01	7.19	7.03	6.82	6.61	6.34	6.02	5.63	5.18	4.65	3.99	3.21	2.33	1.46	0.75	0.24	7.72	7.55	7.32	7.08	6.8	6.44
1.86	3.7	4.68	3.71	3.39	1.01	7.16	7.01	6.79	6.58	6.32	5.99	5.61	5.17	4.64	3.99	3.22	2.35	1.48	0.76	0.25	7.7	7.53	7.3	7.07	6.78	6.42
2.05	3.7	4.7	3.73	3.39	1.01	7.13	6.98	6.77	6.56	6.29	5.97	5.59	5.15	4.63	3.99	3.23	2.37	1.51	0.78	0.25	7.67	7.5	7.27	7.04	6.75	6.4
2.13	3.71	4.68	3.7	3.4	1	7.09	6.94	6.73	6.52	6.26	5.94	5.56	5.12	4.61	3.99	3.24	2.39	1.53	0.8	0.25	7.64	7.47	7.24	7.01	6.72	6.37
2.36	3.73	4.7	3.66	3.4	1	7.05	6.9	6.69	6.49	6.22	5.91	5.53	5.1	4.6	3.99	3.26	2.41	1.55	0.81	0.26	7.59	7.43	7.2	6.97	6.68	6.34
1.53	3.7	4.7	3.66	3.41	1	7.02	6.87	6.66	6.45	6.19	5.88	5.5	5.08	4.58	3.99	3.27	2.44	1.58	0.84	0.27	7.55	7.39	7.16	6.93	6.65	6.3
1.87	3.7	4.69	3.69	3.38	0.99	6.98	6.84	6.63	6.43	6.16	5.85	5.48	5.06	4.57	3.99	3.29	2.47	1.62	0.86	0.29	7.51	7.35	7.12	6.9	6.61	6.27
1.43	3.68	4.72	3.66	3.39	0.99	6.96	6.81	6.61	6.4	6.14	5.83	5.46	5.05	4.57	4	3.31	2.5	1.65	0.89	0.3	7.47	7.32	7.09	6.87	6.58	6.24
1.83	3.71	4.72	3.67	3.4	0.98	6.94	6.8	6.59	6.39	6.13	5.82	5.45	5.03	4.56	4	3.33	2.53	1.68	0.92	0.32	7.44	7.29	7.06	6.84	6.55	6.22
1.96	3.69	4.72	3.68	3.39	0.98	6.92	6.79	6.58	6.38	6.11	5.81	5.44	5.02	4.56	4.01	3.35	2.56	1.72	0.94	0.34	7.41	7.27	7.04	6.82	6.53	6.19
2.5	3.68	4.68	3.68	3.4	0.98	6.91	6.78	6.57	6.37	6.11	5.8	5.43	5.02	4.55	4.01	3.36	2.59	1.75	0.97	0.36	7.39	7.25	7.02	6.8	6.51	6.18
2.21	3.7	4.7	3.69	3.37	0.97	6.91	6.78	6.57	6.37	6.1	5.79	5.43	5.01	4.55	4.02	3.37	2.61	1.77	1	0.38	7.37	7.23	7	6.78	6.5	6.16
2.27	3.69	4.72	3.69	3.4	0.97	6.9	6.78	6.56	6.36	6.1	5.79	5.42	5.01	4.55	4.02	3.38	2.63	1.8	1.02	0.4	7.35	7.22	6.98	6.76	6.48	6.14
1.35	3.69	4.68	3.69	3.41	0.97	6.89	6.77	6.55	6.35	6.09	5.78	5.41	5	4.54	4.02	3.39	2.64	1.81	1.04	0.41	7.33	7.19	6.96	6.74	6.46	6.12
1.87	3.69	4.7	3.69	3.42	0.97	6.88	6.76	6.54	6.34	6.08	5.76	5.4	4.99	4.53	4.01	3.39	2.64	1.82	1.05	0.43	7.3	7.16	6.93	6.71	6.43	6.09
1.8	3.69	4.69	3.7	3.42	0.97	6.86	6.74	6.52	6.32	6.06	5.75	5.38	4.97	4.52	4	3.38	2.64	1.83	1.06	0.44	7.26	7.13	6.9	6.68	6.4	6.06
1.66	3.7	4.7	3.68	3.41	0.97	6.84	6.72	6.5	6.3	6.04	5.73	5.37	4.96	4.5	3.98	3.37	2.64	1.83	1.07	0.44	7.23					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.01	3.68	4.69	3.7	3.42	1	6.18	6.09	5.88	5.69	5.44	5.14	4.78	4.37	3.93	3.45	2.92	2.34	1.71	1.09	0.51	7.01	6.91	6.68	6.46	6.17	5.82
1.94	3.69	4.69	3.67	3.39	1	6.13	6.04	5.84	5.64	5.4	5.1	4.74	4.34	3.91	3.43	2.91	2.34	1.72	1.1	0.52	7	6.89	6.66	6.44	6.15	5.8
2.04	3.69	4.7	3.69	3.41	1	6.09	6	5.8	5.6	5.36	5.06	4.71	4.31	3.88	3.41	2.9	2.34	1.73	1.12	0.53	6.98	6.87	6.64	6.42	6.13	5.78
1.86	3.69	4.69	3.68	3.39	0.99	6.06	5.95	5.76	5.57	5.32	5.03	4.67	4.28	3.85	3.39	2.89	2.34	1.74	1.13	0.55	6.97	6.85	6.62	6.4	6.11	5.76
1.79	3.68	4.68	3.68	3.4	0.99	6.02	5.92	5.72	5.53	5.29	4.99	4.64	4.25	3.83	3.37	2.88	2.34	1.75	1.14	0.56	6.95	6.82	6.6	6.38	6.09	5.74
1.25	3.7	4.7	3.69	3.39	0.99	5.99	5.88	5.69	5.5	5.26	4.97	4.62	4.23	3.81	3.36	2.88	2.34	1.76	1.16	0.57	6.93	6.8	6.58	6.36	6.07	5.73
1.61	3.67	4.71	3.69	3.38	0.98	5.96	5.85	5.66	5.47	5.23	4.94	4.59	4.21	3.79	3.34	2.87	2.34	1.77	1.17	0.59	6.91	6.78	6.56	6.33	6.05	5.71
1.55	3.67	4.69	3.67	3.37	0.98	5.94	5.83	5.64	5.45	5.21	4.92	4.57	4.19	3.77	3.33	2.86	2.34	1.77	1.18	0.6	6.9	6.77	6.54	6.32	6.03	5.69
1.68	3.69	4.68	3.68	3.36	0.98	5.92	5.81	5.62	5.43	5.19	4.9	4.56	4.17	3.76	3.31	2.85	2.33	1.78	1.18	0.6	6.88	6.76	6.53	6.31	6.02	5.68
1.57	3.67	4.68	3.7	3.36	0.97	5.9	5.79	5.6	5.41	5.17	4.88	4.54	4.15	3.74	3.3	2.83	2.32	1.77	1.19	0.61	6.86	6.74	6.51	6.29	6.01	5.67
1.89	3.71	4.73	3.71	3.43	0.97	5.88	5.78	5.58	5.39	5.16	4.87	4.52	4.14	3.72	3.29	2.82	2.32	1.77	1.19	0.61	6.84	6.73	6.49	6.27	5.99	5.65
2.11	3.69	4.7	3.68	3.39	0.97	5.86	5.77	5.57	5.38	5.14	4.85	4.51	4.13	3.71	3.27	2.81	2.31	1.77	1.18	0.6	6.82	6.71	6.48	6.26	5.98	5.64
1.84	3.65	4.65	3.68	3.38	0.97	5.84	5.75	5.55	5.37	5.13	4.84	4.5	4.11	3.7	3.26	2.79	2.3	1.76	1.18	0.6	6.8	6.7	6.46	6.25	5.96	5.62
0.8	3.64	4.7	3.68	3.38	0.97	5.83	5.74	5.54	5.36	5.12	4.83	4.48	4.1	3.68	3.24	2.78	2.29	1.75	1.17	0.59	6.79	6.69	6.45	6.23	5.95	5.61
0.74	3.65	4.7	3.69	3.37	0.97	5.81	5.73	5.53	5.34	5.1	4.81	4.47	4.09	3.67	3.23	2.76	2.27	1.73	1.16	0.58	6.76	6.67	6.43	6.21	5.93	5.59
1.84	3.67	4.69	3.66	3.37	0.97	5.79	5.72	5.51	5.33	5.09	4.8	4.45	4.07	3.65	3.21	2.74	2.26	1.72	1.15	0.57	6.74	6.65	6.41	6.2	5.91	5.57
2	3.68	4.69	3.69	3.36	0.97	5.78	5.7	5.5	5.31	5.07	4.78	4.44	4.05	3.64	3.19	2.73	2.24	1.71	1.13	0.55	6.72	6.63	6.39	6.18	5.89	5.55
1.7	3.65	4.68	3.69	3.39	1.02	5.45	5.42	5.28	5.15	4.98	4.76	4.51	4.22	3.89	3.51	3.05	2.5	1.86	1.15	0.43	6.56	6.52	6.35	6.19	5.98	5.72
1.4	3.65	4.71	3.7	3.4	1.03	5.51	5.48	5.34	5.21	5.04	4.82	4.57	4.27	3.95	3.56	3.1	2.54	1.89	1.17	0.45	6.61	6.58	6.41	6.25	6.04	5.78
1.66	3.64	4.7	3.67	3.42	1.03	5.56	5.55	5.4	5.27	5.1	4.88	4.63	4.33	4	3.61	3.14	2.58	1.92	1.2	0.47	6.66	6.64	6.46	6.31	6.1	5.84
1.5	3.65	4.71	3.66	3.43	1.03	5.62	5.61	5.46	5.33	5.16	4.94	4.69	4.39	4.06	3.67	3.19	2.62	1.95	1.22	0.49	6.72	6.7	6.53	6.37	6.16	5.9
1.8	3.67	4.7	3.69	3.43	1.04	5.69	5.67	5.53	5.39	5.22	5.01	4.75	4.46	4.12	3.72	3.25	2.67	1.99	1.25	0.51	6.77	6.76	6.58	6.42	6.22	5.96
1.64	3.67	4.71	3.68	3.42	1.04	5.75	5.73	5.59	5.46	5.29	5.07	4.81	4.52	4.18	3.78	3.3	2.71	2.02	1.28	0.54	6.83	6.81	6.64	6.48	6.28	6.02
1.9	3.68	4.68	3.67	3.41	1.04	5.81	5.8	5.65	5.52	5.35	5.13	4.87	4.58	4.24	3.84	3.35	2.76	2.06	1.31	0.57	6.88	6.86	6.69	6.53	6.33	6.07
1.83	3.68	4.71	3.66	3.43	1.04	5.88	5.86	5.72	5.58	5.41	5.19	4.93	4.64	4.3	3.89	3.4	2.8	2.1	1.33	0.6	6.93	6.91	6.74	6.58	6.38	6.12
1.71	3.66	4.72	3.66	3.43	1.05	5.94	5.92	5.78	5.64	5.47	5.25	4.99	4.7	4.36	3.95	3.45	2.84	2.13	1.36	0.62	6.98	6.96	6.79	6.63	6.43	6.17
1.75	3.63	4.7	3.67	3.41	1.05	6	5.97	5.83	5.7	5.52	5.3	5.04	4.75	4.41	4	3.49	2.88	2.15	1.38	0.64	7.02	6.99	6.83	6.67	6.46	6.21
2.03	3.66	4.73	3.68	3.42	1.05	6.05	6.03	5.88	5.75	5.57	5.35	5.09	4.79	4.45	4.04	3.53	2.91	2.17	1.4	0.66	7.06	7.03	6.86	6.7	6.5	6.24
1.94	3.65	4.7	3.66	3.4	1.05	6.1	6.08	5.93	5.79	5.62	5.39	5.13	4.83	4.49	4.08	3.56	2.93	2.19	1.41	0.66	7.08	7.05	6.88	6.72	6.52	6.26
1.85	3.66	4.71	3.7	3.38	1.05	6.14	6.12	5.97	5.83	5.65	5.43	5.17	4.87	4.52	4.11	3.59	2.95	2.2	1.41	0.67	7.1	7.07	6.9	6.74	6.53	6.27
1.78	3.65	4.69	3.7	3.43	1.05	6.17	6.15	6	5.87	5.69	5.46	5.2	4.9	4.55	4.14	3.62	2.97	2.21	1.41	0.67	7.1	7.08	6.91	6.75	6.54	6.28
1.63	3.65	4.71	3.72	3.44	1.05	6.2	6.18	6.03	5.89	5.71	5.49	5.22	4.92	4.57	4.16	3.63	2.98	2.21	1.41	0.66	7.1	7.08	6.9	6.75	6.54	6.28
1.86	3.66	4.7	3.73	3.45	1.05	6.22	6.2	6.05	5.91	5.73	5.51	5.24	4.94	4.59	4.17	3.65	2.98	2.21	1.4	0.65	7.09	7.07	6.89	6.74	6.53	6.27
2.21	3.66	4.72	3.67	3.42	1.04	6.24	6.22	6.06	5.93	5.75	5.52	5.26	4.95	4.6	4.19	3.66	2.99	2.2	1.39	0.64	7.07	7.05	6.88	6.72	6.52	6.26
2.11	3.65	4.71	3.71	3.41	1.04	6.25	6.23	6.08	5.94	5.76	5.54	5.27	4.97	4.61	4.19	3.66	2.98	2.19	1.37	0.63	7.05	7.04	6.86	6.71	6.5	6.24
1.72	3.65	4.69	3.71	3.44	1.04	6.26	6.25	6.09	5.95	5.77	5.55	5.28	4.98	4.62	4.2	3.66	2.98	2.18	1.36	0.62	7.03	7.02	6.84	6.69	6.48	6.23
1.66	3.66	4.7	3.71	3.43	1.03	6.27	6.26	6.1	5.97	5.79	5.56	5.29	4.99	4.63	4.21	3.66	2.97	2.17	1.34	0.6	7.01	7	6.82	6.67	6.47	6.21
1.83	3.65	4.71	3.67	3.39	1.03	6.29	6.28	6.12	5.98	5.81	5.58	5.31	5	4.64	4.21	3.66	2.97	2.15	1.32	0.59	7	6.99	6.81	6.65	6.46	6.2
1.97	3.65	4.71	3.7	3.43	1.03	6.31	6.3	6.14	6	5.82	5.59	5.32	5.01	4.65	4.22	3.66	2.96	2.14	1.31	0.58	6.98	6.97	6.79	6.65	6.45	6.19
1.94	3.67	4.67	3.66	3.42	1.02	6.33	6.32	6.16	6.02	5.84	5.61	5.34	5.03	4.66	4.22	3.66	2.95	2.13	1.3	0.57	6.97	6.96	6.78	6.63	6.44	6.18
2.14	3.65	4.69	3.69	3.43	1.02	6.35	6.34	6.18	6.04	5.86	5.63	5.35	5.04	4.68	4.23	3.66	2.94	2.12	1.29	0.56	6.96	6.95	6.78	6.62	6.43	6.17
2.31	3.64	4.7	3.7	3.44	1.01	6.37	6.36	6.2	6.06	5.88	5.65	5.37	5.05	4.69	4.24	3.66	2.94	2.1	1.28	0.56	6.95	6.94	6.76	6.61	6.42	6.16
2.26	3.64	4.72	3.68	3.42	1.01	6.4	6.39	6.22	6.08	5.9	5.67	5.39	5.07	4.7	4.25	3.66	2.93	2.1	1.27	0.55	6.95	6.93	6.76	6.61	6.41	6.15
2.24	3.66	4.7	3.69	3.43	1	6.44	6.41	6.25	6.11	5.93	5.69	5.41	5.09	4.71	4.25	3.67	2.93	2.09	1.26	0.55	6.96	6.93	6.75	6.6	6.4	6.14
2.12	3.67	4.66	3.68	3.42	1	6.48	6.45	6.28	6.14	5.95	5.72	5.43	5.11	4.73	4.27	3.67	2.93	2.08	1.25	0.55	6.97	6.93	6.76	6.6	6.4	6.14
2	3.65	4.68	3.67	3.41	0.99	6.53	6.48	6.31	6.17	5.98	5.74	5.46	5.13	4.75	4.28	3.67	2.93	2.08	1.25	0.55	6.99	6.94	6.76	6.61	6.41	6.15
1.87	3.66	4.71	3.68	3.4	0.99	6.57	6.52	6.35	6.21	6.01	5.77	5.49	5.16	4.77	4.29	3.68	2.93	2.07	1.25	0.55	7.01	6.95	6.77	6.62	6.41	6.15
2.12	3.66	4.7	3.68	3.4	0.99	6.62	6.56	6.39	6.24	6.05	5.8	5.51	5.18	4.78	4.3	3.69	2.93	2.07	1.24	0.54	7.03	6.97	6.79	6.63	6.42	6.16
1.96	3.65	4.69	3.65	3.4	0.98	6.66	6.59	6.43	6.27	6.08	5.83	5.54	5.2	4.8	4.31	3.69	2.93	2.07	1.24	0.54	7.05	6.98	6.8	6.64	6.43	6.16
1.67	3.65	4.67	3.67	3.41	0.98	6.7	6.63	6.46	6.3	6.1	5.85	5.56	5.22	4.81	4.32	3.7	2.93	2.06	1.24	0.						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.26	3.66	4.71	3.69	3.44	1.02	7.93	7.82	7.59	7.38	7.1	6.75	6.33	5.85	5.3	4.7	4	3.19	2.29	1.42	0.66	7.52	7.4	7.17	6.97	6.69	6.36
2.29	3.67	4.74	3.67	3.44	1.02	7.96	7.84	7.61	7.4	7.12	6.77	6.35	5.85	5.31	4.7	4	3.18	2.29	1.42	0.66	7.53	7.42	7.18	6.98	6.7	6.37
2.16	3.66	4.72	3.7	3.42	1.02	7.98	7.87	7.64	7.43	7.14	6.79	6.36	5.86	5.31	4.69	3.99	3.18	2.29	1.42	0.66	7.54	7.43	7.2	6.99	6.71	6.37
1.83	3.66	4.73	3.69	3.46	1.03	8	7.9	7.66	7.45	7.16	6.81	6.37	5.87	5.31	4.69	3.99	3.17	2.29	1.42	0.66	7.55	7.45	7.21	7.01	6.72	6.38
1.81	3.68	4.7	3.7	3.45	1.03	8.02	7.92	7.68	7.46	7.17	6.82	6.38	5.87	5.31	4.69	3.98	3.17	2.29	1.42	0.66	7.56	7.46	7.23	7.02	6.73	6.39
1.91	3.7	4.71	3.68	3.44	1.03	8.02	7.93	7.69	7.47	7.18	6.82	6.38	5.87	5.31	4.68	3.98	3.17	2.29	1.42	0.67	7.57	7.47	7.23	7.02	6.74	6.39
2.11	3.69	4.71	3.68	3.44	1.04	8.03	7.93	7.7	7.48	7.19	6.83	6.38	5.87	5.31	4.68	3.98	3.17	2.29	1.42	0.67	7.56	7.47	7.23	7.02	6.74	6.39
1.53	3.69	4.69	3.69	3.43	1.04	8.02	7.93	7.7	7.48	7.19	6.83	6.38	5.87	5.3	4.68	3.97	3.17	2.29	1.43	0.67	7.56	7.47	7.23	7.02	6.74	6.39
1.8	3.67	4.72	3.69	3.46	1.05	8.02	7.93	7.69	7.48	7.18	6.82	6.38	5.87	5.3	4.67	3.97	3.17	2.29	1.43	0.67	7.55	7.46	7.23	7.02	6.73	6.38
1.73	3.68	4.72	3.67	3.46	1.05	8.02	7.92	7.69	7.48	7.18	6.82	6.38	5.86	5.3	4.67	3.97	3.17	2.3	1.44	0.67	7.55	7.46	7.22	7.02	6.73	6.38
1.74	3.7	4.73	3.69	3.45	1.05	8.02	7.92	7.69	7.47	7.18	6.82	6.37	5.86	5.29	4.66	3.97	3.17	2.3	1.44	0.68	7.55	7.45	7.22	7.02	6.73	6.38
1.94	3.68	4.73	3.71	3.44	1.05	8.02	7.92	7.69	7.48	7.18	6.82	6.37	5.85	5.29	4.66	3.96	3.17	2.3	1.44	0.68	7.56	7.46	7.23	7.02	6.73	6.38
2.04	3.65	4.68	3.72	3.45	1.05	8.03	7.92	7.69	7.48	7.18	6.82	6.37	5.85	5.28	4.65	3.96	3.17	2.31	1.45	0.68	7.56	7.46	7.23	7.02	6.73	6.38
1.94	3.67	4.7	3.72	3.46	1.05	8.02	7.92	7.69	7.47	7.17	6.81	6.36	5.84	5.27	4.64	3.95	3.17	2.31	1.45	0.69	7.57	7.47	7.23	7.02	6.73	6.38
2.03	3.67	4.71	3.72	3.43	1.05	8.02	7.91	7.68	7.46	7.17	6.8	6.35	5.83	5.26	4.64	3.95	3.17	2.32	1.46	0.69	7.57	7.46	7.23	7.02	6.73	6.38
1.72	3.68	4.69	3.7	3.44	1.05	8	7.89	7.66	7.45	7.15	6.79	6.33	5.82	5.25	4.63	3.94	3.17	2.32	1.46	0.7	7.56	7.45	7.22	7.01	6.72	6.37
2.12	3.69	4.71	3.67	3.45	1.05	7.98	7.87	7.64	7.42	7.13	6.76	6.31	5.8	5.23	4.61	3.93	3.17	2.32	1.47	0.7	7.55	7.44	7.21	7	6.71	6.36
2.45	3.69	4.71	3.68	3.46	1.05	7.95	7.84	7.61	7.39	7.1	6.74	6.29	5.78	5.21	4.6	3.92	3.16	2.32	1.47	0.7	7.54	7.43	7.2	6.99	6.7	6.35
2.18	3.68	4.71	3.7	3.42	1.05	7.92	7.8	7.58	7.36	7.07	6.71	6.26	5.75	5.19	4.58	3.91	3.16	2.32	1.47	0.7	7.52	7.41	7.18	6.97	6.68	6.33
2.24	3.68	4.7	3.68	3.42	1.05	7.88	7.76	7.54	7.33	7.04	6.67	6.23	5.72	5.16	4.56	3.9	3.15	2.32	1.47	0.7	7.51	7.39	7.17	6.95	6.67	6.31
2.14	3.68	4.7	3.69	3.44	1.05	7.84	7.72	7.5	7.29	7	6.64	6.19	5.69	5.13	4.53	3.88	3.14	2.31	1.47	0.69	7.49	7.37	7.15	6.94	6.65	6.29
1.28	3.68	4.68	3.73	3.42	1.05	7.79	7.67	7.46	7.24	6.95	6.59	6.15	5.65	5.1	4.5	3.85	3.12	2.3	1.46	0.68	7.47	7.34	7.13	6.91	6.63	6.27
1.22	3.69	4.71	3.7	3.42	1.04	7.74	7.62	7.41	7.19	6.9	6.54	6.1	5.6	5.05	4.47	3.82	3.1	2.28	1.44	0.67	7.44	7.31	7.1	6.88	6.6	6.24
1.96	3.67	4.69	3.71	3.45	1.04	7.68	7.56	7.35	7.14	6.85	6.49	6.05	5.55	5.01	4.43	3.79	3.07	2.26	1.42	0.65	7.39	7.28	7.06	6.85	6.56	6.2
1.96	3.67	4.71	3.69	3.45	1.03	7.62	7.5	7.29	7.08	6.79	6.44	6	5.5	4.96	4.39	3.76	3.05	2.24	1.4	0.63	7.35	7.23	7.02	6.81	6.52	6.17
1.76	3.64	4.7	3.71	3.44	1.03	7.56	7.45	7.23	7.02	6.74	6.38	5.95	5.45	4.92	4.35	3.73	3.02	2.21	1.38	0.61	7.31	7.19	6.98	6.76	6.48	6.13
1.26	3.67	4.7	3.72	3.44	1.02	7.51	7.39	7.18	6.97	6.68	6.33	5.9	5.41	4.87	4.31	3.69	2.99	2.19	1.36	0.59	7.28	7.16	6.94	6.73	6.44	6.09
1.69	3.68	4.68	3.72	3.41	1.01	7.46	7.34	7.13	6.92	6.64	6.28	5.86	5.37	4.83	4.27	3.66	2.96	2.16	1.34	0.57	7.25	7.13	6.91	6.7	6.41	6.06
1.78	3.66	4.7	3.68	3.42	1.01	7.42	7.31	7.09	6.88	6.6	6.24	5.82	5.33	4.8	4.24	3.63	2.94	2.14	1.32	0.56	7.22	7.11	6.88	6.67	6.39	6.04
2	3.65	4.71	3.67	3.42	1.01	7.39	7.27	7.05	6.84	6.56	6.21	5.78	5.29	4.77	4.21	3.61	2.92	2.12	1.3	0.54	7.21	7.09	6.87	6.65	6.37	6.02
2.17	3.65	4.7	3.65	3.41	1	7.37	7.25	7.02	6.81	6.53	6.18	5.75	5.26	4.74	4.19	3.58	2.89	2.1	1.28	0.53	7.2	7.08	6.85	6.64	6.35	6
2.04	3.66	4.7	3.7	3.42	1	7.35	7.22	7	6.79	6.5	6.15	5.72	5.24	4.72	4.16	3.56	2.87	2.08	1.26	0.51	7.2	7.07	6.84	6.63	6.34	5.99
1.94	3.68	4.71	3.69	3.42	1	7.34	7.21	6.98	6.77	6.48	6.13	5.7	5.22	4.69	4.14	3.54	2.85	2.06	1.25	0.5	7.2	7.07	6.83	6.62	6.33	5.98
2.1	3.66	4.71	3.69	3.45	1	7.32	7.19	6.96	6.75	6.46	6.11	5.68	5.2	4.68	4.13	3.52	2.84	2.05	1.23	0.49	7.2	7.06	6.83	6.61	6.32	5.97
2.08	3.66	4.72	3.64	3.43	1	7.32	7.18	6.95	6.73	6.45	6.09	5.67	5.18	4.66	4.11	3.51	2.82	2.03	1.22	0.48	7.2	7.06	6.83	6.61	6.32	5.96
2.22	3.66	4.71	3.67	3.43	1.01	7.31	7.17	6.94	6.73	6.43	6.08	5.65	5.17	4.65	4.1	3.49	2.8	2.02	1.2	0.47	7.21	7.07	6.83	6.61	6.32	5.96
1.79	3.65	4.7	3.71	3.43	1.01	7.32	7.17	6.94	6.72	6.43	6.08	5.64	5.16	4.64	4.09	3.48	2.79	2	1.19	0.46	7.22	7.08	6.84	6.62	6.32	5.97
2.14	3.7	4.7	3.69	3.5	1.01	7.32	7.18	6.94	6.72	6.43	6.07	5.64	5.15	4.63	4.08	3.47	2.77	1.98	1.17	0.45	7.24	7.1	6.85	6.64	6.34	5.98
2.12	3.73	4.67	3.74	3.5	1.02	7.33	7.19	6.94	6.73	6.43	6.07	5.63	5.15	4.63	4.07	3.46	2.75	1.96	1.16	0.45	7.27	7.12	6.87	6.65	6.35	5.99
1.65	3.65	4.71	3.72	3.43	1.03	7.34	7.19	6.95	6.73	6.43	6.07	5.63	5.14	4.62	4.06	3.44	2.74	1.94	1.14	0.44	7.29	7.14	6.89	6.67	6.36	6
1.57	3.67	4.71	3.71	3.43	1.04	7.35	7.2	6.95	6.73	6.43	6.06	5.62	5.13	4.61	4.05	3.43	2.72	1.92	1.13	0.43	7.31	7.15	6.91	6.68	6.38	6
1.48	3.65	4.7	3.69	3.47	1.04	7.35	7.2	6.95	6.73	6.42	6.05	5.61	5.12	4.6	4.04	3.42	2.7	1.91	1.11	0.42	7.33	7.17	6.92	6.7	6.39	6.01
0.14	3.68	4.68	3.71	3.45	1.05	7.35	7.2	6.95	6.72	6.41	6.04	5.6	5.11	4.59	4.03	3.4	2.68	1.89	1.1	0.41	7.36	7.19	6.94	6.71	6.4	6.02
1.62	3.67	4.71	3.71	3.45	1.06	7.35	7.19	6.94	6.71	6.4	6.03	5.59	5.1	4.58	4.02	3.39	2.67	1.87	1.08	0.4	7.37	7.21	6.96	6.72	6.41	6.03
1.77	3.68	4.69	3.69	3.44	1.07	7.35	7.19	6.94	6.71	6.39	6.02	5.58	5.09	4.57	4.01	3.38	2.65	1.85	1.07	0.4	7.4	7.23	6.98	6.74	6.42	6.04
1.98	3.68	4.68	3.68	3.44	1.08	7.34	7.18	6.93	6.7	6.38	6.01	5.56	5.07	4.56	3.99	3.36	2.63	1.83	1.05	0.39	7.42	7.25	6.99	6.75	6.43	6.05
2.45	3.68	4.69	3.68	3.44	1.08	7.33	7.18	6.92	6.69	6.37	5.99	5.55	5.06	4.54	3.98	3.34	2.61	1.82	1.04	0.38	7.44	7.27	7.02	6.77	6.45	6.06
2.26	3.67	4.71	3.71	3.44	1.09	7.32	7.16	6.91	6.67	6.36	5.98	5.53	5.04	4.52	3.96	3.32	2.6	1.8	1.03	0.37	7.46	7.29	7.03	6.79	6.46	6.07
1.95	3.69	4.73	3.7	3.44	1.1	7.3	7.15	6.89	6.66	6.34	5.96	5.51	5.03	4.5	3.94	3.3	2.57	1.78	1.01	0.36	7.47	7.31	7.05	6.81	6.48	6.09
1.71	3.68	4.71	3.67	3.43	1.1	7.27	7.12	6.87	6.63	6.31	5.93	5.49	5	4.48	3.92	3.28	2.55	1.76	1							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.79	3.67	4.68	3.71	3.39	1.07	6.5	6.37	6.15	5.93	5.65	5.32	4.93	4.52	4.07	3.58	3	2.34	1.64	0.98	0.44	7.45	7.3	7.05	6.8	6.47	6.09
1.93	3.64	4.7	3.69	3.4	1.07	6.49	6.35	6.13	5.91	5.63	5.3	4.92	4.51	4.07	3.58	3	2.34	1.64	0.98	0.44	7.44	7.28	7.03	6.78	6.46	6.08
1.81	3.62	4.68	3.66	3.39	1.07	6.47	6.33	6.11	5.9	5.62	5.29	4.91	4.5	4.06	3.57	2.99	2.34	1.63	0.98	0.44	7.44	7.27	7.02	6.77	6.45	6.07
1.39	3.65	4.69	3.67	3.39	1.07	6.45	6.31	6.09	5.88	5.6	5.28	4.9	4.49	4.06	3.56	2.99	2.33	1.63	0.98	0.43	7.43	7.26	7.01	6.77	6.45	6.07
1.68	3.66	4.68	3.67	3.41	1.07	6.43	6.29	6.07	5.86	5.59	5.26	4.88	4.48	4.04	3.55	2.98	2.33	1.63	0.97	0.43	7.42	7.26	7	6.76	6.44	6.06
1.98	3.66	4.7	3.67	3.42	1.07	6.41	6.27	6.05	5.84	5.57	5.24	4.87	4.46	4.03	3.54	2.97	2.32	1.62	0.96	0.43	7.41	7.25	7	6.75	6.44	6.05
1.37	3.67	4.7	3.67	3.43	1.07	6.38	6.25	6.03	5.82	5.55	5.22	4.85	4.45	4.02	3.53	2.96	2.31	1.61	0.96	0.42	7.4	7.24	6.99	6.75	6.43	6.05
1.69	3.66	4.71	3.7	3.44	1.07	6.36	6.23	6	5.8	5.53	5.2	4.83	4.43	4	3.52	2.95	2.3	1.6	0.95	0.42	7.39	7.23	6.97	6.73	6.42	6.04
1.98	3.69	4.7	3.71	3.43	1.06	6.33	6.2	5.98	5.78	5.51	5.18	4.81	4.41	3.98	3.5	2.94	2.29	1.6	0.95	0.41	7.37	7.22	6.95	6.72	6.4	6.02
1.96	3.69	4.66	3.69	3.42	1.06	6.31	6.17	5.95	5.75	5.49	5.16	4.8	4.4	3.97	3.49	2.93	2.28	1.59	0.94	0.41	7.36	7.2	6.94	6.7	6.39	6.01
1.96	3.68	4.72	3.69	3.42	1.05	6.28	6.15	5.93	5.73	5.47	5.15	4.78	4.39	3.96	3.48	2.93	2.28	1.59	0.94	0.41	7.34	7.18	6.92	6.69	6.38	6
2.01	3.64	4.7	3.71	3.41	1.04	6.27	6.13	5.91	5.71	5.45	5.13	4.77	4.38	3.95	3.48	2.92	2.28	1.59	0.94	0.41	7.33	7.17	6.91	6.68	6.36	5.99
1.94	3.62	4.71	3.69	3.39	1.03	6.25	6.12	5.9	5.7	5.44	5.13	4.76	4.37	3.95	3.47	2.92	2.27	1.58	0.93	0.41	7.32	7.16	6.9	6.67	6.36	5.98
1.42	3.63	4.72	3.69	3.4	1.02	6.24	6.11	5.89	5.7	5.43	5.12	4.76	4.37	3.94	3.47	2.92	2.27	1.58	0.93	0.41	7.31	7.15	6.89	6.66	6.35	5.97
1.9	3.64	4.71	3.67	3.41	1.01	6.24	6.1	5.89	5.69	5.43	5.11	4.75	4.36	3.94	3.46	2.91	2.27	1.58	0.93	0.41	7.3	7.14	6.88	6.65	6.34	5.96
1.88	3.66	4.71	3.66	3.43	1	6.23	6.1	5.88	5.69	5.42	5.11	4.75	4.36	3.94	3.46	2.91	2.27	1.58	0.93	0.41	7.29	7.13	6.87	6.64	6.32	5.95
1.56	3.65	4.71	3.67	3.39	0.99	6.23	6.09	5.87	5.68	5.41	5.1	4.74	4.36	3.93	3.46	2.91	2.27	1.58	0.93	0.41	7.27	7.11	6.85	6.62	6.3	5.93
2.13	3.65	4.71	3.69	3.4	0.98	6.22	6.09	5.87	5.67	5.41	5.1	4.74	4.35	3.93	3.46	2.91	2.27	1.57	0.92	0.4	7.24	7.08	6.82	6.59	6.28	5.91
2.12	3.65	4.71	3.67	3.43	0.98	6.21	6.08	5.86	5.66	5.4	5.09	4.73	4.35	3.93	3.46	2.9	2.26	1.57	0.92	0.4	7.21	7.05	6.79	6.57	6.26	5.89
1.71	3.65	4.69	3.67	3.42	0.97	6.2	6.06	5.85	5.65	5.39	5.09	4.73	4.35	3.93	3.45	2.9	2.26	1.56	0.92	0.4	7.18	7.02	6.76	6.54	6.23	5.86
2	3.63	4.69	3.68	3.4	0.96	6.2	6.06	5.84	5.65	5.39	5.08	4.73	4.34	3.93	3.45	2.9	2.26	1.56	0.91	0.39	7.15	6.98	6.73	6.51	6.2	5.84
1.97	3.63	4.7	3.67	3.37	0.96	6.2	6.05	5.84	5.65	5.38	5.08	4.73	4.34	3.92	3.45	2.9	2.25	1.55	0.9	0.39	7.13	6.95	6.71	6.48	6.18	5.82
2.01	3.63	4.7	3.66	3.35	0.96	6.21	6.06	5.85	5.65	5.39	5.09	4.73	4.35	3.93	3.45	2.89	2.24	1.54	0.89	0.38	7.11	6.94	6.69	6.47	6.16	5.8
1.71	3.62	4.7	3.67	3.37	0.95	6.23	6.07	5.87	5.67	5.41	5.1	4.74	4.35	3.93	3.46	2.89	2.24	1.53	0.88	0.37	7.11	6.93	6.69	6.46	6.16	5.8
1.65	3.62	4.7	3.68	3.39	0.95	6.25	6.1	5.89	5.69	5.43	5.12	4.76	4.37	3.94	3.46	2.9	2.23	1.52	0.87	0.37	7.11	6.93	6.7	6.47	6.16	5.8
1.75	3.63	4.7	3.69	3.4	0.96	6.28	6.13	5.92	5.72	5.46	5.15	4.78	4.39	3.96	3.47	2.9	2.22	1.51	0.87	0.36	7.13	6.95	6.72	6.48	6.18	5.82
1.87	3.64	4.7	3.69	3.38	0.96	6.32	6.17	5.96	5.76	5.49	5.18	4.81	4.41	3.97	3.48	2.9	2.22	1.5	0.86	0.35	7.14	6.97	6.74	6.5	6.2	5.83
1.88	3.65	4.71	3.7	3.38	0.96	6.35	6.21	6	5.79	5.52	5.2	4.83	4.43	3.98	3.49	2.9	2.21	1.49	0.85	0.35	7.16	7	6.76	6.52	6.22	5.85
1.54	3.65	4.7	3.67	3.4	0.97	6.38	6.24	6.03	5.82	5.55	5.23	4.85	4.44	4	3.5	2.9	2.21	1.48	0.84	0.34	7.18	7.03	6.79	6.55	6.24	5.87
2.01	3.64	4.7	3.68	3.4	0.98	6.41	6.28	6.07	5.85	5.58	5.26	4.88	4.46	4.01	3.5	2.9	2.2	1.48	0.83	0.34	7.2	7.05	6.81	6.57	6.26	5.88
1.74	3.66	4.69	3.68	3.43	0.98	6.45	6.32	6.1	5.89	5.61	5.28	4.9	4.48	4.02	3.51	2.9	2.2	1.47	0.82	0.33	7.23	7.08	6.84	6.59	6.28	5.9
2.04	3.67	4.71	3.66	3.41	0.99	6.49	6.35	6.14	5.92	5.64	5.31	4.92	4.5	4.04	3.52	2.91	2.19	1.46	0.81	0.32	7.26	7.11	6.86	6.61	6.3	5.92
2	3.64	4.72	3.68	3.41	0.99	6.52	6.39	6.17	5.94	5.66	5.33	4.94	4.51	4.05	3.52	2.91	2.19	1.45	0.81	0.32	7.28	7.13	6.88	6.63	6.32	5.93
1.2	3.64	4.7	3.71	3.41	1	6.56	6.42	6.2	5.97	5.69	5.35	4.96	4.53	4.06	3.53	2.91	2.18	1.44	0.8	0.31	7.31	7.15	6.9	6.65	6.33	5.95
1.64	3.64	4.72	3.65	3.43	1.01	6.59	6.45	6.22	5.99	5.71	5.37	4.97	4.54	4.07	3.53	2.9	2.18	1.43	0.79	0.3	7.34	7.17	6.91	6.66	6.35	5.96
1.76	3.67	4.68	3.65	3.42	1.01	6.62	6.47	6.24	6.01	5.72	5.38	4.98	4.54	4.07	3.53	2.9	2.17	1.42	0.78	0.29	7.36	7.18	6.92	6.67	6.35	5.96
1.57	3.64	4.7	3.68	3.41	1.02	6.64	6.48	6.25	6.02	5.73	5.39	4.99	4.55	4.07	3.53	2.89	2.15	1.41	0.76	0.28	7.37	7.19	6.93	6.68	6.36	5.96
1.91	3.65	4.72	3.65	3.42	1.03	6.66	6.49	6.26	6.03	5.74	5.39	4.99	4.55	4.07	3.53	2.88	2.14	1.39	0.75	0.27	7.38	7.19	6.93	6.68	6.36	5.96
2.14	3.66	4.71	3.66	3.43	1.03	6.68	6.5	6.27	6.04	5.75	5.4	5	4.56	4.07	3.52	2.88	2.13	1.38	0.74	0.26	7.39	7.2	6.94	6.69	6.36	5.97
1.69	3.66	4.71	3.66	3.44	1.04	6.7	6.52	6.28	6.05	5.76	5.41	5	4.56	4.07	3.52	2.86	2.11	1.36	0.72	0.26	7.41	7.21	6.94	6.69	6.37	5.97
1.62	3.65	4.71	3.67	3.43	1.05	6.72	6.53	6.3	6.07	5.77	5.42	5.01	4.57	4.07	3.52	2.85	2.1	1.34	0.71	0.25	7.43	7.23	6.96	6.71	6.38	5.98
2.1	3.66	4.7	3.72	3.41	1.05	6.74	6.55	6.31	6.08	5.78	5.43	5.02	4.57	4.08	3.51	2.84	2.08	1.33	0.7	0.24	7.46	7.25	6.98	6.73	6.39	5.99
2.18	3.68	4.7	3.74	3.42	1.06	6.76	6.57	6.33	6.09	5.79	5.44	5.03	4.57	4.07	3.5	2.82	2.06	1.31	0.69	0.24	7.48	7.27	7	6.75	6.41	6.01
2.09	3.67	4.71	3.71	3.42	1.06	6.77	6.58	6.34	6.11	5.8	5.45	5.03	4.57	4.07	3.49	2.8	2.04	1.29	0.68	0.23	7.5	7.29	7.02	6.77	6.43	6.02
2.3	3.67	4.69	3.68	3.42	1.07	6.78	6.6	6.35	6.12	5.81	5.45	5.03	4.57	4.06	3.47	2.78	2.01	1.27	0.66	0.22	7.52	7.31	7.04	6.78	6.44	6.03
2.34	3.65	4.68	3.68	3.41	1.07	6.79	6.6	6.36	6.12	5.82	5.46	5.04	4.57	4.05	3.45	2.76	1.98	1.25	0.65	0.22	7.53	7.33	7.06	6.79	6.45	6.04
2.09	3.67	4.67	3.69	3.42	1.07	6.79	6.61	6.37	6.13	5.82	5.46	5.04	4.57	4.05	3.44	2.74	1.96	1.23	0.64	0.21	7.55	7.35	7.07	6.81	6.46	6.06
2.04	3.68	4.71	3.71	3.42	1.07	6.79	6.61	6.36	6.13	5.82	5.46	5.03	4.56	4.04	3.42	2.71	1.94	1.21	0.63	0.21	7.55	7.35	7.08	6.81	6.47	6.06
2.08	3.69	4.7	3.7	3.43	1.07	6.78	6.6	6.36	6.12	5.81	5.45	5.03	4.56	4.03	3.41	2.69	1.92	1.2	0.62	0.21	7.55	7.35	7.08	6.81	6.47	6.06
1.47	3.66	4.7	3.7	3.44	1.07	6.77	6.59	6.35	6.11	5.8	5.45	5.02	4.55	4.02	3.4	2.68	1.91	1.19	0.61	0.21						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.82	3.65	4.69	3.72	3.41	0.99	6.84	6.59	6.32	6.09	5.79	5.44	5.02	4.55	4	3.35	2.58	1.77	1.03	0.5	0.18	6.63	6.37	6.11	5.88	5.59	5.24
1.79	3.65	4.66	3.7	3.38	0.99	6.86	6.6	6.33	6.1	5.8	5.44	5.03	4.56	4.01	3.36	2.58	1.77	1.03	0.5	0.18	6.6	6.34	6.08	5.85	5.56	5.21
2.13	3.64	4.7	3.69	3.4	1	6.88	6.6	6.34	6.11	5.8	5.45	5.03	4.56	4.02	3.36	2.58	1.77	1.03	0.5	0.18	6.58	6.31	6.04	5.82	5.53	5.18
2.08	3.64	4.7	3.69	3.42	1.01	6.89	6.6	6.34	6.11	5.81	5.45	5.03	4.56	4.02	3.37	2.59	1.77	1.03	0.5	0.18	6.55	6.28	6.02	5.79	5.5	5.16
2.23	3.63	4.69	3.67	3.4	1.01	6.89	6.6	6.34	6.11	5.81	5.45	5.04	4.57	4.02	3.37	2.59	1.77	1.02	0.49	0.17	6.53	6.25	5.99	5.77	5.48	5.14
1.89	3.63	4.68	3.66	3.41	1.02	6.9	6.6	6.34	6.11	5.81	5.45	5.04	4.57	4.02	3.37	2.59	1.76	1.02	0.49	0.17	6.51	6.22	5.97	5.75	5.46	5.12
1.9	3.65	4.67	3.68	3.4	1.03	6.91	6.6	6.35	6.12	5.81	5.46	5.04	4.57	4.02	3.36	2.58	1.76	1.02	0.49	0.17	6.5	6.2	5.96	5.73	5.44	5.11
2.06	3.67	4.68	3.66	3.39	1.03	6.92	6.61	6.35	6.12	5.81	5.46	5.04	4.57	4.02	3.35	2.57	1.75	1.01	0.48	0.17	6.49	6.19	5.95	5.72	5.43	5.09
2.05	3.65	4.72	3.68	3.42	1.04	6.92	6.61	6.36	6.12	5.81	5.46	5.04	4.56	4.01	3.34	2.56	1.74	1	0.48	0.17	6.48	6.18	5.93	5.71	5.42	5.08
2.08	3.65	4.72	3.67	3.39	1.04	6.92	6.61	6.35	6.12	5.81	5.45	5.03	4.55	4	3.32	2.54	1.72	0.99	0.47	0.17	6.47	6.16	5.92	5.7	5.41	5.07
1.75	3.63	4.72	3.68	3.43	1.04	6.91	6.59	6.34	6.1	5.8	5.44	5.01	4.53	3.98	3.3	2.52	1.7	0.98	0.46	0.16	6.45	6.14	5.9	5.68	5.38	5.05
1.52	3.65	4.71	3.7	3.42	1.05	6.89	6.57	6.32	6.08	5.77	5.41	4.99	4.51	3.95	3.28	2.5	1.68	0.97	0.45	0.16	6.43	6.12	5.88	5.65	5.36	5.02
1.75	3.65	4.69	3.7	3.42	1.05	6.87	6.54	6.29	6.05	5.75	5.39	4.97	4.49	3.93	3.25	2.47	1.66	0.95	0.45	0.16	6.4	6.08	5.84	5.62	5.33	4.99
1.74	3.68	4.69	3.7	3.45	1.05	6.84	6.51	6.25	6.02	5.71	5.36	4.94	4.46	3.9	3.23	2.45	1.65	0.94	0.44	0.15	6.36	6.05	5.81	5.58	5.29	4.96
1.92	3.68	4.69	3.71	3.47	1.05	6.8	6.47	6.22	5.98	5.68	5.33	4.91	4.43	3.88	3.2	2.43	1.63	0.93	0.44	0.15	6.33	6.01	5.77	5.55	5.26	4.93
1.03	3.65	4.71	3.68	3.46	1.05	6.77	6.44	6.19	5.95	5.65	5.3	4.88	4.41	3.85	3.18	2.41	1.61	0.92	0.43	0.15	6.3	5.98	5.74	5.52	5.24	4.91
1.72	3.65	4.67	3.68	3.42	1.05	6.75	6.41	6.17	5.93	5.63	5.28	4.87	4.39	3.83	3.16	2.39	1.6	0.91	0.43	0.15	6.28	5.96	5.73	5.5	5.22	4.89
1.51	3.65	4.69	3.66	3.41	1.05	6.73	6.4	6.16	5.92	5.62	5.27	4.85	4.38	3.82	3.15	2.37	1.58	0.9	0.43	0.15	6.28	5.96	5.73	5.5	5.22	4.89
1.8	3.62	4.69	3.68	3.37	1.04	6.73	6.41	6.16	5.92	5.62	5.26	4.84	4.36	3.8	3.13	2.35	1.57	0.9	0.42	0.15	6.29	5.98	5.74	5.51	5.23	4.89
1.61	3.65	4.68	3.67	3.41	1.04	6.73	6.41	6.16	5.92	5.62	5.26	4.84	4.35	3.78	3.11	2.33	1.55	0.89	0.42	0.14	6.3	6	5.75	5.53	5.24	4.9
2.28	3.67	4.69	3.69	3.44	1.04	6.72	6.42	6.16	5.92	5.62	5.26	4.83	4.34	3.77	3.08	2.31	1.54	0.88	0.42	0.14	6.32	6.02	5.77	5.54	5.25	4.91
2.22	3.66	4.71	3.71	3.49	1.04	6.72	6.41	6.15	5.92	5.61	5.24	4.82	4.32	3.75	3.06	2.28	1.52	0.87	0.42	0.14	6.33	6.04	5.78	5.55	5.26	4.91
2.18	3.68	4.71	3.72	3.45	1.04	6.69	6.4	6.13	5.9	5.59	5.22	4.8	4.3	3.72	3.03	2.26	1.5	0.87	0.41	0.14	6.32	6.03	5.77	5.55	5.25	4.9
1.78	3.66	4.73	3.7	3.45	1.03	6.66	6.36	6.09	5.86	5.55	5.19	4.77	4.28	3.69	3	2.23	1.49	0.86	0.41	0.14	6.3	6.01	5.75	5.52	5.23	4.88
2.07	3.69	4.71	3.69	3.45	1.02	6.61	6.31	6.04	5.81	5.51	5.15	4.73	4.24	3.66	2.97	2.21	1.47	0.85	0.41	0.14	6.27	5.97	5.71	5.49	5.19	4.85
2.08	3.64	4.69	3.67	3.47	1.02	6.56	6.25	5.99	5.76	5.46	5.11	4.69	4.21	3.63	2.95	2.19	1.46	0.84	0.41	0.14	6.22	5.92	5.67	5.44	5.15	4.81
1.78	3.66	4.69	3.68	3.42	1.01	6.51	6.19	5.94	5.71	5.41	5.07	4.66	4.18	3.6	2.92	2.17	1.45	0.84	0.41	0.14	6.18	5.87	5.62	5.4	5.11	4.78
1.87	3.64	4.67	3.66	3.38	1	6.47	6.15	5.9	5.67	5.38	5.04	4.63	4.15	3.58	2.9	2.15	1.44	0.84	0.41	0.14	6.15	5.83	5.59	5.36	5.08	4.75
2.22	3.63	4.72	3.65	3.4	0.99	6.45	6.12	5.88	5.65	5.36	5.01	4.61	4.13	3.55	2.88	2.14	1.43	0.83	0.41	0.14	6.13	5.8	5.56	5.34	5.06	4.73
2.11	3.63	4.69	3.64	3.4	0.99	6.44	6.11	5.87	5.63	5.34	5	4.59	4.11	3.54	2.86	2.13	1.43	0.83	0.41	0.14	6.11	5.78	5.55	5.32	5.04	4.72
1.97	3.63	4.69	3.69	3.41	0.98	6.45	6.1	5.86	5.63	5.34	5	4.59	4.1	3.52	2.85	2.12	1.42	0.83	0.41	0.15	6.11	5.77	5.54	5.31	5.03	4.71
1.84	3.64	4.7	3.67	3.44	0.98	6.46	6.11	5.87	5.63	5.34	5	4.58	4.09	3.51	2.83	2.11	1.42	0.83	0.41	0.15	6.12	5.77	5.53	5.31	5.03	4.7
2.34	3.65	4.72	3.68	3.44	0.98	6.48	6.11	5.87	5.63	5.34	5	4.58	4.09	3.5	2.83	2.1	1.41	0.83	0.41	0.15	6.12	5.76	5.53	5.3	5.02	4.7
2.52	3.65	4.72	3.69	3.43	0.98	6.48	6.1	5.86	5.63	5.34	5	4.58	4.08	3.49	2.82	2.1	1.41	0.83	0.41	0.15	6.12	5.74	5.51	5.29	5.01	4.69
2.19	3.64	4.71	3.69	3.42	0.98	6.48	6.09	5.85	5.62	5.33	4.99	4.57	4.07	3.49	2.81	2.1	1.41	0.83	0.41	0.15	6.11	5.73	5.5	5.28	5	4.67
2.36	3.65	4.7	3.68	3.43	0.99	6.47	6.07	5.84	5.61	5.33	4.98	4.56	4.07	3.48	2.81	2.09	1.41	0.82	0.41	0.15	6.09	5.71	5.48	5.26	4.99	4.66
2.37	3.63	4.73	3.69	3.43	0.99	6.46	6.06	5.83	5.6	5.32	4.97	4.56	4.06	3.48	2.81	2.09	1.4	0.82	0.41	0.15	6.09	5.7	5.47	5.25	4.98	4.66
2.01	3.64	4.73	3.69	3.42	1	6.46	6.06	5.82	5.6	5.31	4.97	4.55	4.06	3.47	2.8	2.09	1.4	0.82	0.4	0.14	6.09	5.7	5.47	5.25	4.98	4.65
1.89	3.66	4.71	3.65	3.4	1	6.46	6.06	5.82	5.6	5.31	4.97	4.55	4.06	3.47	2.8	2.08	1.39	0.81	0.4	0.14	6.09	5.71	5.47	5.26	4.98	4.66
1.66	3.65	4.71	3.66	3.42	1.01	6.47	6.08	5.83	5.6	5.31	4.97	4.55	4.06	3.47	2.8	2.08	1.39	0.81	0.4	0.14	6.11	5.72	5.49	5.27	4.99	4.66
1.47	3.66	4.72	3.69	3.41	1.01	6.48	6.09	5.84	5.61	5.32	4.97	4.55	4.06	3.47	2.8	2.07	1.38	0.81	0.39	0.14	6.12	5.74	5.5	5.28	5	4.67
1.66	3.68	4.74	3.69	3.4	1.02	6.48	6.09	5.84	5.61	5.31	4.97	4.55	4.05	3.47	2.8	2.07	1.38	0.81	0.39	0.14	6.13	5.75	5.5	5.28	5	4.67
2.03	3.7	4.71	3.69	3.45	1.02	6.47	6.08	5.83	5.59	5.3	4.95	4.54	4.05	3.47	2.8	2.08	1.38	0.81	0.39	0.14	6.12	5.74	5.49	5.27	4.99	4.66
2.12	3.69	4.74	3.69	3.44	1.02	6.45	6.06	5.8	5.57	5.28	4.93	4.52	4.04	3.47	2.81	2.08	1.38	0.81	0.39	0.13	6.11	5.72	5.47	5.25	4.97	4.64
2.03	3.67	4.72	3.72	3.42	1.02	6.42	6.01	5.76	5.53	5.24	4.91	4.5	4.03	3.47	2.82	2.09	1.39	0.81	0.39	0.13	6.08	5.68	5.43	5.21	4.93	4.62
2.11	3.67	4.72	3.7	3.41	1.01	6.38	5.96	5.71	5.48	5.2	4.87	4.48	4.02	3.47	2.83	2.11	1.4	0.81	0.4	0.13	6.04	5.63	5.39	5.17	4.9	4.58
1.95	3.65	4.69	3.69	3.4	1.01	6.34	5.91	5.66	5.44	5.17	4.84	4.46	4.01	3.47	2.83	2.12	1.41	0.82	0.4	0.13	6	5.57	5.34	5.13	4.86	4.55
1.9	3.62	4.72	3.67	3.36	1.01	6.32	5.86	5.62	5.41	5.14	4.82	4.44	3.99	3.47	2.84	2.13	1.42	0.83	0.4	0.13	5.98	5.53	5.3	5.09	4.83	4.53
1.88	3.61	4.71	3.67	3.37	1.01	6.31	5.84	5.6	5.39	5.12	4.8	4.43	3.99	3.46	2.85	2.14	1.43	0.83	0.41	0.13	5.96	5.51	5.27	5.07	4.81	4.51
2.09	3.62	4.7	3.63	3.39	1.01	6.32	5.84	5.59	5.38	5.11	4.79	4.42	3.98	3.46	2.85	2.15	1.44	0.84	0.41</							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.99	3.66	4.71	3.7	3.41	1.02	6.06	5.36	5.06	4.83	4.57	4.28	3.95	3.6	3.22	2.78	2.28	1.71	1.13	0.63	0.24	5.66	4.99	4.71	4.49	4.25	3.98
2.05	3.64	4.73	3.68	3.43	1.03	6.07	5.35	5.04	4.81	4.55	4.26	3.94	3.59	3.21	2.78	2.28	1.72	1.14	0.64	0.24	5.64	4.96	4.67	4.46	4.22	3.95
1.84	3.65	4.68	3.67	3.4	1.03	6.08	5.33	5.02	4.79	4.53	4.25	3.92	3.58	3.2	2.78	2.28	1.73	1.15	0.65	0.25	5.62	4.92	4.63	4.42	4.18	3.92
2.21	3.65	4.71	3.66	3.4	1.03	6.08	5.32	5	4.78	4.52	4.23	3.9	3.56	3.19	2.77	2.29	1.74	1.16	0.66	0.25	5.6	4.89	4.6	4.39	4.15	3.89
2.16	3.65	4.68	3.69	3.41	1.04	6.07	5.3	4.98	4.76	4.5	4.21	3.89	3.55	3.18	2.77	2.29	1.75	1.18	0.67	0.26	5.58	4.86	4.57	4.36	4.13	3.86
2.1	3.64	4.71	3.7	3.42	1.05	6.06	5.28	4.96	4.74	4.48	4.19	3.87	3.54	3.17	2.77	2.3	1.76	1.19	0.68	0.27	5.55	4.84	4.55	4.34	4.1	3.84
2.17	3.65	4.7	3.7	3.42	1.06	6.04	5.26	4.95	4.72	4.46	4.18	3.86	3.52	3.16	2.77	2.3	1.77	1.2	0.69	0.27	5.53	4.82	4.53	4.32	4.08	3.82
2.18	3.66	4.72	3.7	3.41	1.07	6.02	5.25	4.94	4.71	4.45	4.16	3.85	3.51	3.12	2.76	2.31	1.78	1.22	0.7	0.28	5.51	4.8	4.51	4.3	4.07	3.81
1.71	3.67	4.72	3.7	3.43	1.09	6	5.24	4.93	4.7	4.44	4.15	3.84	3.5	3.15	2.76	2.31	1.79	1.23	0.71	0.29	5.48	4.79	4.5	4.29	4.05	3.79
1.31	3.67	4.72	3.69	3.44	1.1	5.98	5.23	4.92	4.69	4.43	4.14	3.83	3.49	3.14	2.76	2.31	1.8	1.24	0.72	0.3	5.47	4.78	4.49	4.28	4.04	3.78
1.92	3.67	4.73	3.7	3.44	1.1	5.96	5.22	4.91	4.68	4.42	4.13	3.81	3.48	3.13	2.75	2.32	1.81	1.25	0.73	0.31	5.45	4.77	4.48	4.27	4.03	3.77
1.95	3.69	4.73	3.7	3.45	1.11	5.94	5.2	4.89	4.66	4.4	4.11	3.8	3.47	3.12	2.74	2.31	1.81	1.26	0.74	0.31	5.43	4.75	4.47	4.26	4.02	3.76
2.07	3.69	4.72	3.68	3.45	1.11	5.92	5.18	4.87	4.64	4.38	4.09	3.77	3.45	3.1	2.73	2.31	1.81	1.27	0.75	0.32	5.42	4.73	4.45	4.24	4.01	3.74
2.37	3.71	4.73	3.69	3.44	1.11	5.89	5.14	4.83	4.6	4.34	4.06	3.75	3.42	3.08	2.71	2.29	1.81	1.27	0.75	0.32	5.39	4.71	4.43	4.21	3.98	3.72
2.24	3.71	4.71	3.73	3.43	1.12	5.84	5.09	4.79	4.56	4.3	4.02	3.71	3.39	3.05	2.69	2.28	1.8	1.27	0.76	0.32	5.37	4.68	4.4	4.18	3.95	3.69
1.99	3.68	4.7	3.69	3.44	1.12	5.79	5.04	4.73	4.51	4.25	3.98	3.67	3.35	3.02	2.67	2.26	1.79	1.26	0.75	0.32	5.34	4.64	4.36	4.15	3.92	3.66
2.07	3.69	4.71	3.74	3.45	1.12	5.74	4.98	4.68	4.45	4.21	3.93	3.63	3.32	2.99	2.64	2.24	1.78	1.25	0.75	0.32	5.31	4.6	4.32	4.12	3.89	3.63
1.77	3.68	4.72	3.7	3.44	1.12	5.69	4.92	4.63	4.4	4.16	3.89	3.59	3.28	2.96	2.61	2.22	1.76	1.24	0.74	0.31	5.29	4.57	4.29	4.09	3.86	3.61
1.72	3.68	4.71	3.68	3.46	1.12	5.65	4.87	4.58	4.36	4.12	3.85	3.55	3.25	2.93	2.59	2.2	1.74	1.23	0.73	0.31	5.28	4.55	4.27	4.07	3.84	3.59
0.89	3.67	4.7	3.7	3.42	1.12	5.62	4.84	4.54	4.32	4.08	3.81	3.52	3.22	2.9	2.56	2.17	1.72	1.22	0.72	0.3	5.28	4.54	4.26	4.05	3.83	3.58
1.61	3.69	4.71	3.7	3.44	1.11	5.6	4.81	4.51	4.29	4.05	3.78	3.49	3.19	2.87	2.54	2.15	1.7	1.2	0.71	0.29	5.29	4.54	4.26	4.05	3.82	3.57
1.88	3.68	4.74	3.7	3.45	1.11	5.58	4.79	4.49	4.27	4.02	3.76	3.47	3.17	2.85	2.51	2.13	1.69	1.19	0.7	0.29	5.31	4.55	4.27	4.05	3.82	3.57
1.78	3.68	4.72	3.69	3.48	1.11	5.56	4.77	4.47	4.25	4	3.74	3.44	3.14	2.83	2.49	2.11	1.67	1.18	0.7	0.28	5.33	4.57	4.28	4.06	3.83	3.57
1.78	3.69	4.73	3.72	3.46	1.11	5.54	4.75	4.45	4.22	3.98	3.71	3.42	3.12	2.81	2.47	2.09	1.65	1.17	0.69	0.28	5.35	4.59	4.29	4.07	3.83	3.58
1.8	3.69	4.72	3.72	3.44	1.11	5.51	4.73	4.42	4.2	3.95	3.69	3.4	3.1	2.78	2.45	2.07	1.63	1.15	0.68	0.27	5.36	4.6	4.3	4.08	3.84	3.58
1.9	3.71	4.74	3.71	3.47	1.1	5.48	4.7	4.4	4.17	3.93	3.66	3.37	3.07	2.76	2.43	2.05	1.62	1.14	0.67	0.27	5.37	4.6	4.3	4.08	3.84	3.58
1.85	3.68	4.72	3.71	3.46	1.1	5.44	4.67	4.37	4.14	3.9	3.64	3.35	3.05	2.74	2.41	2.03	1.6	1.13	0.66	0.27	5.36	4.6	4.3	4.08	3.83	3.58
2.1	3.67	4.72	3.69	3.42	1.09	5.4	4.64	4.34	4.11	3.87	3.61	3.33	3.03	2.72	2.39	2.02	1.59	1.12	0.66	0.27	5.36	4.59	4.29	4.07	3.83	3.57
1.89	3.66	4.7	3.68	3.4	1.09	5.37	4.61	4.31	4.09	3.85	3.59	3.31	3.02	2.71	2.38	2.01	1.58	1.11	0.65	0.27	5.36	4.59	4.29	4.07	3.83	3.57
2.11	3.67	4.71	3.77	3.68	1.08	5.34	4.59	4.29	4.07	3.84	3.58	3.3	3.01	2.7	2.38	2	1.58	1.11	0.65	0.27	5.36	4.6	4.3	4.08	3.84	3.58
1.77	3.66	4.72	3.73	3.61	1.08	5.33	4.58	4.29	4.07	3.83	3.58	3.3	3	2.7	2.38	2	1.58	1.11	0.66	0.28	5.38	4.62	4.31	4.09	3.85	3.59
2.04	3.65	4.72	3.69	3.45	1.08	5.32	4.58	4.29	4.07	3.83	3.58	3.3	3.01	2.7	2.38	2	1.58	1.11	0.67	0.28	5.39	4.64	4.33	4.11	3.87	3.61
2.27	3.65	4.72	3.65	3.46	1.07	5.31	4.59	4.29	4.07	3.84	3.58	3.3	3.01	2.71	2.38	2.01	1.59	1.12	0.68	0.3	5.41	4.66	4.36	4.13	3.89	3.63
2.05	3.65	4.73	3.72	3.44	1.07	5.3	4.59	4.3	4.08	3.85	3.59	3.31	3.02	2.72	2.39	2.02	1.6	1.13	0.69	0.31	5.42	4.68	4.38	4.15	3.91	3.65
1.71	3.69	4.74	3.73	3.43	1.07	5.29	4.59	4.3	4.08	3.85	3.59	3.32	3.03	2.73	2.4	2.03	1.61	1.14	0.7	0.32	5.42	4.7	4.39	4.16	3.92	3.66
1.68	3.68	4.72	3.72	3.46	1.06	5.27	4.59	4.3	4.08	3.85	3.6	3.32	3.03	2.73	2.41	2.04	1.61	1.15	0.7	0.33	5.41	4.7	4.39	4.17	3.93	3.67
1.93	3.67	4.72	3.7	3.45	1.06	5.25	4.57	4.28	4.07	3.84	3.59	3.32	3.04	2.74	2.41	2.04	1.62	1.16	0.71	0.33	5.4	4.69	4.39	4.17	3.93	3.67
1.79	3.67	4.71	3.72	3.47	1.06	5.23	4.55	4.27	4.06	3.84	3.59	3.32	3.04	2.74	2.42	2.05	1.63	1.16	0.72	0.34	5.37	4.67	4.37	4.16	3.93	3.67
1.53	3.66	4.72	3.7	3.43	1.05	5.2	4.53	4.25	4.05	3.83	3.58	3.32	3.04	2.74	2.43	2.06	1.64	1.17	0.72	0.34	5.35	4.65	4.36	4.15	3.92	3.67
1.72	3.64	4.73	3.64	3.41	1.05	5.18	4.52	4.24	4.04	3.82	3.58	3.32	3.04	2.75	2.43	2.07	1.64	1.17	0.73	0.35	5.33	4.64	4.35	4.14	3.92	3.67
1.92	3.64	4.72	3.66	3.42	1.05	5.17	4.51	4.23	4.04	3.82	3.58	3.32	3.05	2.75	2.44	2.07	1.65	1.17	0.73	0.35	5.32	4.63	4.34	4.14	3.91	3.67
1.24	3.67	4.69	3.66	3.39	1.05	5.17	4.51	4.23	4.04	3.83	3.59	3.33	3.05	2.76	2.44	2.08	1.65	1.17	0.73	0.35	5.32	4.63	4.34	4.15	3.92	3.67
1.58	3.65	4.72	3.68	3.38	1.05	5.18	4.53	4.25	4.06	3.84	3.6	3.34	3.06	2.76	2.45	2.08	1.65	1.18	0.73	0.35	5.33	4.65	4.36	4.16	3.93	3.68
1.64	3.66	4.71	3.68	3.41	1.05	5.21	4.55	4.27	4.08	3.86	3.61	3.35	3.07	2.77	2.45	2.08	1.65	1.18	0.73	0.35	5.35	4.68	4.38	4.18	3.95	3.7
1.86	3.67	4.69	3.69	3.4	1.05	5.23	4.58	4.29	4.1	3.88	3.63	3.36	3.08	2.78	2.45	2.09	1.65	1.18	0.73	0.35	5.38	4.7	4.41	4.2	3.97	3.72
2.25	3.66	4.73	3.71	3.46	1.05	5.25	4.6	4.31	4.11	3.89	3.64	3.37	3.08	2.78	2.46	2.09	1.65	1.17	0.72	0.34	5.4	4.72	4.43	4.22	3.99	3.73
2.42	3.74	4.69	3.72	3.62	1.05	5.26	4.61	4.33	4.13	3.9	3.65	3.38	3.09	2.78	2.46	2.08	1.65	1.17	0.72	0.34	5.41	4.74	4.44	4.23	4	3.74
1.96	3.68	4.71	3.7	3.47	1.06	5.27	4.62	4.34	4.13	3.91	3.65	3.38	3.09	2.79	2.46	2.08	1.64	1.16	0.71	0.34	5.42	4.75	4.46	4.24	4.01	3.75
1.95	3.67	4.73	3.72	3.44	1.06	5.27	4.62	4.34	4.14	3.91	3.66	3.39	3.1	2.79	2.46	2.09	1.64	1.16	0.71	0.34	5.43	4.76	4.47	4.25	4.02	3.75
2.02	3.66	4.72	3.71	3.44	1.06	5.27	4.63	4.35	4.14	3.91	3.66	3.39	3.1	2.79	2.47											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.15	3.64	4.68	3.64	3.39	1.02	5.1	4.74	4.52	4.35	4.13	3.88	3.6	3.29	2.95	2.59	2.15	1.64	1.12	0.65	0.28	6.3	5.85	5.58	5.35	5.07	4.76
2.1	3.65	4.69	3.64	3.43	1.03	5.1	4.74	4.53	4.35	4.13	3.89	3.6	3.29	2.96	2.59	2.15	1.64	1.12	0.65	0.28	6.32	5.87	5.6	5.37	5.09	4.78
1.94	3.65	4.72	3.7	3.42	1.03	5.1	4.75	4.54	4.36	4.14	3.89	3.61	3.3	2.96	2.59	2.15	1.64	1.12	0.65	0.28	6.32	5.88	5.61	5.39	5.11	4.79
1.72	3.63	4.72	3.69	3.45	1.04	5.09	4.75	4.54	4.36	4.15	3.9	3.61	3.3	2.97	2.6	2.16	1.65	1.12	0.65	0.28	6.32	5.89	5.62	5.4	5.12	4.8
1.89	3.66	4.71	3.68	3.42	1.04	5.08	4.75	4.54	4.37	4.15	3.9	3.62	3.31	2.97	2.6	2.16	1.65	1.12	0.65	0.29	6.31	5.89	5.63	5.41	5.13	4.81
2.02	3.63	4.71	3.67	3.44	1.05	5.07	4.75	4.54	4.37	4.15	3.91	3.62	3.31	2.98	2.6	2.16	1.65	1.12	0.65	0.29	6.31	5.9	5.63	5.42	5.14	4.82
1.25	3.65	4.7	3.68	3.43	1.06	5.07	4.76	4.54	4.38	4.16	3.91	3.63	3.31	2.98	2.6	2.16	1.65	1.12	0.65	0.29	6.3	5.91	5.64	5.43	5.15	4.83
2.06	3.64	4.7	3.69	3.4	1.06	5.07	4.77	4.55	4.38	4.17	3.92	3.63	3.32	2.98	2.6	2.16	1.64	1.12	0.65	0.28	6.3	5.92	5.65	5.44	5.16	4.84
2.21	3.63	4.7	3.65	3.38	1.07	5.07	4.78	4.56	4.4	4.18	3.93	3.64	3.32	2.98	2.6	2.16	1.64	1.11	0.65	0.28	6.31	5.94	5.66	5.45	5.17	4.85
2.18	3.64	4.69	3.69	3.39	1.07	5.08	4.79	4.57	4.41	4.19	3.94	3.65	3.33	2.98	2.6	2.16	1.64	1.11	0.65	0.28	6.32	5.96	5.68	5.47	5.19	4.87
2.32	3.66	4.68	3.69	3.42	1.08	5.09	4.81	4.59	4.42	4.2	3.95	3.66	3.33	2.99	2.6	2.15	1.64	1.11	0.65	0.28	6.34	5.98	5.7	5.49	5.21	4.88
1.61	3.68	4.69	3.69	3.41	1.08	5.11	4.82	4.6	4.43	4.21	3.96	3.66	3.34	2.99	2.6	2.15	1.64	1.11	0.65	0.28	6.35	5.99	5.71	5.5	5.22	4.89
1.91	3.66	4.69	3.67	3.41	1.09	5.12	4.82	4.61	4.44	4.22	3.96	3.67	3.34	2.99	2.61	2.15	1.64	1.11	0.65	0.28	6.36	5.99	5.72	5.51	5.23	4.9
1.55	3.66	4.71	3.69	3.42	1.09	5.13	4.82	4.62	4.44	4.22	3.97	3.67	3.35	3	2.61	2.16	1.64	1.11	0.65	0.28	6.37	5.99	5.73	5.51	5.23	4.9
2.13	3.65	4.7	3.69	3.44	1.09	5.13	4.82	4.62	4.45	4.23	3.97	3.67	3.35	3	2.61	2.16	1.64	1.11	0.65	0.28	6.38	5.99	5.73	5.51	5.23	4.9
1.78	3.65	4.7	3.67	3.43	1.1	5.14	4.82	4.62	4.45	4.23	3.97	3.68	3.35	3	2.61	2.16	1.64	1.11	0.64	0.28	6.38	5.99	5.73	5.51	5.23	4.91
1.7	3.65	4.7	3.67	3.44	1.1	5.15	4.83	4.63	4.46	4.24	3.98	3.68	3.36	3.01	2.62	2.16	1.64	1.11	0.64	0.28	6.39	5.99	5.74	5.52	5.24	4.91
1.83	3.63	4.69	3.66	3.44	1.1	5.16	4.84	4.64	4.47	4.25	3.99	3.69	3.37	3.01	2.62	2.17	1.64	1.11	0.64	0.28	6.4	5.99	5.75	5.53	5.25	4.92
1.87	3.65	4.68	3.66	3.41	1.1	5.18	4.85	4.66	4.48	4.26	4	3.7	3.37	3.02	2.63	2.17	1.64	1.11	0.64	0.28	6.42	6.01	5.76	5.54	5.26	4.93
1.88	3.68	4.69	3.69	3.41	1.1	5.21	4.88	4.68	4.5	4.28	4.01	3.71	3.38	3.03	2.63	2.17	1.65	1.11	0.64	0.28	6.44	6.03	5.78	5.55	5.27	4.94
1.72	3.66	4.67	3.68	3.4	1.1	5.24	4.9	4.7	4.52	4.29	4.03	3.72	3.39	3.03	2.64	2.17	1.65	1.11	0.64	0.28	6.46	6.04	5.79	5.56	5.27	4.94
2.01	3.67	4.7	3.71	3.43	1.1	5.26	4.92	4.71	4.53	4.3	4.04	3.73	3.4	3.04	2.64	2.17	1.65	1.11	0.64	0.27	6.47	6.05	5.79	5.56	5.27	4.94
1.93	3.68	4.69	3.69	3.45	1.1	5.28	4.93	4.72	4.54	4.31	4.04	3.73	3.4	3.04	2.64	2.17	1.64	1.11	0.64	0.27	6.47	6.04	5.78	5.55	5.26	4.92
1.77	3.66	4.7	3.65	3.44	1.1	5.3	4.94	4.72	4.54	4.31	4.04	3.73	3.4	3.04	2.64	2.17	1.64	1.1	0.63	0.27	6.46	6.01	5.75	5.52	5.23	4.9
2.14	3.65	4.71	3.69	3.42	1.09	5.3	4.93	4.71	4.53	4.3	4.04	3.73	3.4	3.04	2.64	2.17	1.64	1.1	0.63	0.26	6.43	5.98	5.71	5.48	5.2	4.87
1.53	3.66	4.7	3.65	3.44	1.09	5.3	4.92	4.71	4.52	4.3	4.03	3.73	3.4	3.04	2.64	2.18	1.64	1.1	0.63	0.26	6.39	5.93	5.67	5.44	5.16	4.84
1.77	3.67	4.7	3.64	3.42	1.09	5.3	4.92	4.7	4.52	4.29	4.03	3.73	3.4	3.04	2.64	2.18	1.64	1.1	0.62	0.26	6.35	5.89	5.62	5.4	5.12	4.8
1.95	3.63	4.68	3.69	3.42	1.08	5.29	4.92	4.7	4.52	4.29	4.03	3.73	3.4	3.04	2.64	2.18	1.64	1.1	0.62	0.25	6.3	5.85	5.59	5.36	5.09	4.77
1.92	3.63	4.7	3.68	3.38	1.08	5.29	4.92	4.71	4.52	4.3	4.04	3.73	3.4	3.05	2.65	2.18	1.64	1.1	0.62	0.25	6.26	5.82	5.56	5.34	5.06	4.75
1.85	3.63	4.69	3.69	3.37	1.07	5.29	4.93	4.72	4.53	4.31	4.04	3.74	3.41	3.05	2.65	2.19	1.65	1.1	0.63	0.25	6.22	5.8	5.54	5.32	5.04	4.73
1.64	3.64	4.71	3.68	3.39	1.07	5.28	4.95	4.73	4.55	4.32	4.05	3.74	3.41	3.06	2.66	2.19	1.65	1.11	0.63	0.26	6.18	5.79	5.53	5.31	5.03	4.72
1.87	3.65	4.7	3.7	3.43	1.07	5.28	4.96	4.74	4.56	4.33	4.06	3.75	3.42	3.06	2.66	2.19	1.66	1.11	0.63	0.26	6.15	5.77	5.51	5.29	5.02	4.7
1.89	3.66	4.7	3.71	3.44	1.06	5.27	4.97	4.75	4.57	4.34	4.07	3.76	3.42	3.06	2.66	2.2	1.66	1.12	0.64	0.26	6.11	5.76	5.5	5.28	5	4.69
1.97	3.65	4.68	3.7	3.43	1.06	5.26	4.98	4.75	4.57	4.34	4.07	3.76	3.43	3.07	2.66	2.2	1.66	1.12	0.64	0.26	6.07	5.73	5.47	5.26	4.98	4.67
2.03	3.66	4.72	3.68	3.4	1.05	5.25	4.97	4.75	4.57	4.34	4.07	3.76	3.43	3.07	2.66	2.2	1.67	1.12	0.64	0.26	6.02	5.7	5.44	5.22	4.95	4.64
1.98	3.66	4.7	3.66	3.42	1.04	5.23	4.97	4.74	4.56	4.33	4.07	3.76	3.43	3.07	2.66	2.2	1.67	1.12	0.64	0.26	5.96	5.66	5.4	5.19	4.92	4.61
1.42	3.63	4.67	3.67	3.4	1.02	5.23	4.96	4.73	4.56	4.33	4.06	3.76	3.43	3.07	2.67	2.2	1.68	1.13	0.64	0.26	5.92	5.61	5.35	5.14	4.88	4.58
1.56	3.62	4.69	3.66	3.4	1.01	5.23	4.95	4.73	4.55	4.32	4.06	3.76	3.42	3.07	2.67	2.21	1.68	1.13	0.64	0.26	5.88	5.56	5.31	5.1	4.84	4.54
1.89	3.61	4.71	3.66	3.38	0.99	5.25	4.95	4.73	4.55	4.32	4.06	3.76	3.43	3.07	2.67	2.21	1.69	1.14	0.65	0.26	5.86	5.52	5.27	5.06	4.8	4.51
1.68	3.65	4.69	3.66	3.4	0.98	5.29	4.95	4.73	4.55	4.33	4.06	3.76	3.43	3.07	2.67	2.22	1.69	1.14	0.65	0.26	5.86	5.48	5.23	5.03	4.77	4.48
2.07	3.61	4.69	3.65	3.4	0.97	5.34	4.97	4.75	4.57	4.34	4.07	3.77	3.44	3.08	2.68	2.23	1.7	1.15	0.65	0.26	5.87	5.45	5.21	5	4.75	4.45
2.13	3.62	4.71	3.66	3.36	0.96	5.39	4.99	4.77	4.59	4.36	4.09	3.79	3.45	3.09	2.69	2.24	1.71	1.16	0.66	0.26	5.88	5.43	5.19	4.98	4.73	4.43
1.78	3.64	4.71	3.67	3.38	0.96	5.44	5.02	4.8	4.61	4.38	4.11	3.81	3.47	3.11	2.71	2.25	1.73	1.17	0.67	0.27	5.88	5.42	5.17	4.97	4.71	4.42
1.19	3.63	4.71	3.69	3.37	0.95	5.49	5.06	4.84	4.65	4.41	4.14	3.83	3.49	3.12	2.72	2.27	1.74	1.19	0.68	0.27	5.88	5.41	5.17	4.96	4.7	4.41
1.71	3.64	4.69	3.68	3.39	0.95	5.54	5.11	4.88	4.69	4.45	4.17	3.86	3.51	3.15	2.74	2.29	1.76	1.2	0.68	0.28	5.88	5.41	5.16	4.95	4.7	4.4
1.65	3.62	4.71	3.64	3.39	0.96	5.6	5.16	4.93	4.73	4.49	4.21	3.89	3.54	3.17	2.76	2.31	1.77	1.21	0.69	0.28	5.88	5.41	5.17	4.96	4.7	4.4
1.58	3.63	4.71	3.66	3.4	0.96	5.65	5.21	4.98	4.78	4.53	4.25	3.93	3.57	3.19	2.78	2.32	1.79	1.22	0.7	0.29	5.88	5.42	5.17	4.96	4.7	4.4
1.45	3.61	4.73	3.67	3.41	0.97	5.7	5.27	5.03	4.83	4.58	4.29	3.96	3.6	3.22	2.8	2.34	1.8	1.23	0.71	0.29	5.88	5.43	5.18	4.97	4.71	4.4
1.83	3.62	4.71	3.69	3.41	0.97	5.75	5.33	5.08	4.87	4.62	4.33	3.99	3.63	3.24	2.82	2.35	1.82	1.24	0.72	0.3	5.88	5.44	5.19	4.97	4.71	4.41
1.4	3.64	4.71	3.64	3.42	0.98	5.8	5.38	5.13	4.91	4.66	4.36	4.02	3.65	3.26	2.84	2.37	1.83									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.85	3.66	4.67	3.69	3.38	0.98	6.4	5.81	5.54	5.3	5.02	4.69	4.31	3.89	3.45	2.96	2.39	1.78	1.16	0.64	0.25	6.13	5.55	5.28	5.06	4.78	4.46
1.59	3.62	4.7	3.69	3.38	0.99	6.41	5.83	5.56	5.32	5.03	4.7	4.31	3.89	3.45	2.95	2.39	1.77	1.15	0.64	0.25	6.13	5.56	5.29	5.07	4.79	4.47
1.69	3.63	4.72	3.67	3.4	1	6.42	5.85	5.58	5.34	5.05	4.71	4.32	3.9	3.45	2.95	2.38	1.76	1.15	0.63	0.24	6.13	5.58	5.31	5.08	4.8	4.48
1.89	3.65	4.7	3.69	3.41	1.02	6.43	5.88	5.6	5.36	5.07	4.72	4.33	3.91	3.45	2.95	2.38	1.75	1.14	0.63	0.24	6.14	5.6	5.34	5.1	4.82	4.49
2.08	3.63	4.72	3.72	3.42	1.03	6.45	5.91	5.63	5.38	5.08	4.74	4.34	3.91	3.45	2.95	2.37	1.74	1.14	0.63	0.24	6.16	5.63	5.36	5.12	4.84	4.51
1.83	3.66	4.7	3.72	3.4	1.04	6.46	5.93	5.65	5.4	5.1	4.75	4.35	3.92	3.45	2.95	2.37	1.74	1.13	0.63	0.24	6.17	5.66	5.39	5.14	4.86	4.53
1.93	3.67	4.71	3.71	3.43	1.05	6.46	5.94	5.67	5.41	5.11	4.76	4.36	3.92	3.46	2.95	2.37	1.74	1.13	0.63	0.25	6.18	5.68	5.41	5.16	4.88	4.54
1.92	3.67	4.7	3.69	3.41	1.06	6.45	5.94	5.67	5.41	5.11	4.76	4.36	3.92	3.46	2.95	2.37	1.74	1.13	0.63	0.25	6.18	5.69	5.42	5.17	4.89	4.55
1.95	3.68	4.72	3.71	3.42	1.06	6.43	5.93	5.67	5.41	5.11	4.76	4.36	3.92	3.46	2.95	2.37	1.74	1.14	0.63	0.25	6.17	5.69	5.43	5.17	4.89	4.55
1.69	3.67	4.69	3.71	3.42	1.07	6.41	5.91	5.65	5.39	5.1	4.75	4.35	3.92	3.45	2.95	2.37	1.74	1.14	0.64	0.26	6.16	5.67	5.42	5.17	4.89	4.55
2.03	3.65	4.7	3.72	3.42	1.07	6.39	5.89	5.63	5.38	5.08	4.74	4.34	3.91	3.45	2.94	2.37	1.74	1.14	0.64	0.26	6.14	5.66	5.4	5.16	4.88	4.54
1.86	3.65	4.68	3.72	3.39	1.07	6.37	5.86	5.61	5.36	5.07	4.72	4.33	3.9	3.45	2.94	2.37	1.75	1.14	0.64	0.27	6.13	5.64	5.39	5.15	4.87	4.54
1.55	3.65	4.71	3.7	3.4	1.07	6.36	5.85	5.59	5.35	5.06	4.71	4.32	3.9	3.44	2.94	2.37	1.75	1.15	0.65	0.27	6.13	5.63	5.38	5.14	4.86	4.53
1.75	3.66	4.69	3.69	3.42	1.07	6.36	5.84	5.58	5.34	5.05	4.71	4.32	3.89	3.44	2.94	2.37	1.75	1.15	0.65	0.27	6.14	5.64	5.38	5.14	4.86	4.53
1.08	3.67	4.69	3.69	3.43	1.07	6.37	5.84	5.58	5.34	5.04	4.7	4.32	3.89	3.43	2.93	2.37	1.75	1.15	0.65	0.28	6.16	5.64	5.38	5.14	4.86	4.53
1.79	3.66	4.72	3.69	3.42	1.07	6.39	5.85	5.58	5.33	5.04	4.7	4.31	3.88	3.43	2.93	2.37	1.75	1.16	0.65	0.28	6.19	5.66	5.39	5.15	4.87	4.54
1.86	3.67	4.72	3.69	3.44	1.07	6.41	5.86	5.58	5.33	5.04	4.69	4.31	3.88	3.42	2.93	2.37	1.75	1.16	0.66	0.28	6.22	5.68	5.4	5.16	4.87	4.54
1.72	3.67	4.73	3.72	3.44	1.06	6.43	5.86	5.58	5.33	5.03	4.69	4.3	3.87	3.41	2.92	2.37	1.76	1.16	0.66	0.28	6.25	5.69	5.4	5.16	4.87	4.54
1.76	3.67	4.69	3.7	3.42	1.06	6.44	5.87	5.57	5.33	5.02	4.68	4.29	3.86	3.41	2.92	2.37	1.76	1.16	0.66	0.28	6.27	5.7	5.41	5.16	4.87	4.53
2.01	3.68	4.72	3.72	3.42	1.06	6.45	5.86	5.57	5.32	5.02	4.67	4.28	3.85	3.4	2.91	2.37	1.76	1.16	0.66	0.28	6.28	5.7	5.41	5.16	4.87	4.53
1.71	3.65	4.71	3.7	3.42	1.05	6.45	5.86	5.56	5.31	5	4.66	4.27	3.85	3.4	2.91	2.37	1.76	1.17	0.66	0.28	6.28	5.69	5.4	5.14	4.85	4.52
1.72	3.64	4.7	3.7	3.43	1.05	6.44	5.84	5.55	5.29	4.99	4.65	4.26	3.84	3.39	2.91	2.37	1.77	1.17	0.66	0.28	6.28	5.68	5.39	5.13	4.84	4.5
1.66	3.66	4.73	3.68	3.4	1.04	6.43	5.83	5.54	5.28	4.97	4.63	4.25	3.82	3.38	2.9	2.36	1.77	1.17	0.67	0.28	6.25	5.66	5.37	5.11	4.82	4.48
2.1	3.64	4.72	3.7	3.43	1.04	6.4	5.81	5.52	5.26	4.96	4.62	4.23	3.81	3.37	2.9	2.36	1.77	1.17	0.67	0.28	6.22	5.63	5.35	5.09	4.79	4.46
1.73	3.65	4.73	3.64	3.41	1.03	6.37	5.79	5.5	5.24	4.94	4.6	4.21	3.79	3.36	2.88	2.35	1.76	1.17	0.67	0.28	6.18	5.6	5.32	5.06	4.77	4.44
1.96	3.64	4.7	3.68	3.4	1.03	6.33	5.76	5.47	5.21	4.91	4.57	4.19	3.77	3.34	2.87	2.35	1.76	1.17	0.66	0.28	6.13	5.57	5.29	5.03	4.74	4.41
1.71	3.63	4.68	3.7	3.4	1.03	6.28	5.72	5.44	5.18	4.88	4.54	4.16	3.75	3.32	2.85	2.33	1.75	1.16	0.66	0.28	6.07	5.53	5.25	4.99	4.7	4.37
1.81	3.63	4.71	3.69	3.39	1.03	6.22	5.68	5.4	5.14	4.84	4.51	4.13	3.72	3.3	2.83	2.32	1.74	1.16	0.65	0.27	6.01	5.48	5.2	4.95	4.66	4.34
1.55	3.66	4.71	3.69	3.39	1.03	6.16	5.64	5.36	5.1	4.81	4.48	4.1	3.69	3.27	2.81	2.3	1.73	1.15	0.65	0.27	5.94	5.42	5.15	4.9	4.61	4.29
1.99	3.64	4.72	3.68	3.42	1.03	6.1	5.59	5.31	5.06	4.77	4.44	4.07	3.67	3.25	2.79	2.29	1.72	1.14	0.64	0.26	5.87	5.37	5.1	4.85	4.57	4.25
1.77	3.65	4.72	3.68	3.43	1.03	6.04	5.55	5.27	5.02	4.74	4.41	4.04	3.64	3.23	2.78	2.28	1.71	1.14	0.64	0.26	5.81	5.33	5.05	4.81	4.53	4.22
1.57	3.65	4.7	3.68	3.44	1.03	6	5.52	5.23	4.99	4.71	4.38	4.02	3.63	3.21	2.77	2.27	1.71	1.13	0.63	0.25	5.76	5.28	5.01	4.77	4.5	4.19
2.19	3.66	4.72	3.71	3.49	1.03	5.98	5.49	5.21	4.96	4.68	4.36	4	3.61	3.2	2.76	2.27	1.71	1.13	0.63	0.25	5.74	5.26	4.98	4.75	4.47	4.16
2.11	3.66	4.69	3.69	3.43	1.03	5.99	5.48	5.19	4.95	4.67	4.35	3.99	3.6	3.2	2.75	2.26	1.7	1.13	0.62	0.25	5.74	5.25	4.96	4.73	4.46	4.15
2.09	3.64	4.69	3.7	3.44	1.03	6.02	5.48	5.19	4.94	4.66	4.34	3.98	3.59	3.19	2.75	2.25	1.7	1.12	0.62	0.25	5.77	5.25	4.95	4.72	4.45	4.14
2.03	3.64	4.7	3.67	3.41	1.03	6.06	5.5	5.19	4.94	4.66	4.34	3.98	3.59	3.18	2.74	2.25	1.69	1.12	0.62	0.25	5.82	5.27	4.96	4.72	4.45	4.14
2.25	3.66	4.68	3.71	3.44	1.03	6.11	5.53	5.21	4.95	4.66	4.34	3.98	3.59	3.18	2.74	2.24	1.69	1.11	0.61	0.25	5.88	5.3	4.98	4.74	4.46	4.15
2.08	3.64	4.7	3.7	3.41	1.03	6.17	5.56	5.23	4.97	4.68	4.35	3.98	3.59	3.18	2.73	2.23	1.67	1.11	0.61	0.24	5.94	5.34	5.02	4.76	4.47	4.16
1.97	3.65	4.7	3.69	3.43	1.02	6.23	5.6	5.26	4.99	4.69	4.36	3.99	3.59	3.17	2.72	2.22	1.66	1.1	0.6	0.24	6.01	5.39	5.05	4.79	4.5	4.17
2.29	3.66	4.69	3.68	3.4	1.02	6.28	5.64	5.29	5.01	4.71	4.37	3.99	3.59	3.17	2.72	2.21	1.65	1.09	0.59	0.23	6.07	5.44	5.09	4.82	4.52	4.2
2.32	3.64	4.7	3.68	3.39	1.02	6.32	5.67	5.32	5.04	4.73	4.38	4	3.6	3.17	2.71	2.21	1.64	1.08	0.59	0.23	6.12	5.48	5.13	4.85	4.55	4.22
2.21	3.64	4.7	3.68	3.41	1.01	6.34	5.7	5.34	5.06	4.74	4.4	4.01	3.6	3.17	2.71	2.2	1.64	1.07	0.58	0.23	6.16	5.52	5.17	4.89	4.58	4.24
2.09	3.64	4.72	3.7	3.38	1.01	6.35	5.71	5.35	5.07	4.75	4.4	4.01	3.6	3.17	2.71	2.2	1.63	1.07	0.58	0.23	6.18	5.55	5.19	4.91	4.6	4.26
2.19	3.66	4.72	3.7	3.39	1	6.33	5.71	5.35	5.07	4.75	4.41	4.02	3.6	3.18	2.71	2.2	1.63	1.07	0.58	0.23	6.19	5.56	5.21	4.93	4.62	4.27
1.95	3.65	4.71	3.64	3.38	1	6.31	5.7	5.35	5.06	4.75	4.4	4.01	3.6	3.18	2.71	2.2	1.63	1.06	0.58	0.23	6.17	5.56	5.21	4.93	4.62	4.28
1.66	3.66	4.7	3.7	3.4	0.99	6.27	5.67	5.33	5.05	4.74	4.39	4.01	3.6	3.17	2.72	2.2	1.63	1.06	0.58	0.23	6.16	5.55	5.21	4.93	4.62	4.29
1.91	3.69	4.7	3.73	3.43	0.98	6.24	5.64	5.3	5.03	4.72	4.38	4	3.59	3.17	2.72	2.2	1.63	1.06	0.58	0.23	6.13	5.53	5.2	4.93	4.62	4.28
2.16	3.66	4.7	3.71	3.4	0.98	6.21	5.61	5.28	5.01	4.71	4.37	3.99	3.59	3.17	2.72	2.21	1.63	1.06	0.58	0.23	6.12	5.52	5.18	4.92	4.61	4.28
2.02	3.65	4.68	3.69	3.4	0.97	6.19	5.58	5.26	4.99	4.69	4.36	3.98	3.58	3.16	2.72	2.21	1.63	1.06	0.58	0.23	6.11	5.51	5.18	4.91	4.61	4.28
1.89	3.63	4.68	3.69	3.36	0.96	6.18	5.57	5.24	4.98	4.68	4.35	3.98	3.58	3.16	2.72											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.21	3.64	4.72	3.66	3.41	0.99	6.05	5.49	5.17	4.92	4.62	4.29	3.92	3.52	3.08	2.6	2.05	1.46	0.9	0.47	0.17	6.55	5.92	5.57	5.29	4.96	4.6
1.96	3.65	4.71	3.67	3.43	0.98	6.06	5.48	5.17	4.91	4.62	4.29	3.92	3.51	3.09	2.6	2.05	1.45	0.9	0.47	0.17	6.55	5.91	5.56	5.28	4.95	4.59
1.88	3.63	4.7	3.67	3.43	0.97	6.07	5.48	5.16	4.91	4.62	4.29	3.92	3.52	3.09	2.6	2.05	1.45	0.9	0.47	0.17	6.55	5.89	5.54	5.26	4.94	4.58
1.57	3.63	4.72	3.67	3.4	0.96	6.09	5.48	5.16	4.91	4.61	4.29	3.92	3.52	3.09	2.61	2.05	1.45	0.89	0.46	0.17	6.53	5.86	5.52	5.24	4.92	4.56
1.79	3.62	4.72	3.67	3.42	0.96	6.1	5.47	5.16	4.91	4.61	4.29	3.92	3.52	3.09	2.6	2.05	1.45	0.89	0.46	0.17	6.52	5.84	5.49	5.22	4.9	4.55
1.58	3.61	4.7	3.67	3.41	0.96	6.1	5.48	5.16	4.91	4.62	4.29	3.92	3.52	3.09	2.6	2.04	1.44	0.89	0.46	0.17	6.5	5.81	5.47	5.2	4.88	4.53
1.66	3.6	4.71	3.66	3.38	0.96	6.11	5.49	5.17	4.92	4.63	4.3	3.93	3.52	3.09	2.6	2.04	1.44	0.88	0.46	0.17	6.47	5.8	5.45	5.18	4.87	4.52
2.07	3.64	4.69	3.67	3.41	0.97	6.12	5.5	5.19	4.93	4.64	4.31	3.94	3.53	3.09	2.6	2.04	1.43	0.88	0.45	0.17	6.45	5.79	5.44	5.17	4.86	4.51
2.11	3.63	4.71	3.67	3.44	0.97	6.14	5.52	5.2	4.94	4.65	4.32	3.94	3.53	3.09	2.6	2.03	1.43	0.87	0.45	0.16	6.44	5.78	5.44	5.16	4.85	4.5
2.23	3.64	4.73	3.65	3.43	0.98	6.15	5.55	5.22	4.96	4.66	4.33	3.95	3.54	3.1	2.59	2.03	1.42	0.87	0.45	0.16	6.42	5.78	5.44	5.16	4.85	4.5
2.07	3.65	4.72	3.66	3.43	0.99	6.16	5.57	5.24	4.97	4.68	4.34	3.96	3.54	3.1	2.59	2.02	1.42	0.86	0.44	0.16	6.41	5.78	5.44	5.16	4.85	4.49
1.5	3.63	4.71	3.7	3.43	1.01	6.17	5.58	5.25	4.98	4.69	4.35	3.96	3.55	3.1	2.59	2.02	1.41	0.86	0.44	0.16	6.4	5.78	5.43	5.15	4.84	4.49
2.34	3.66	4.7	3.7	3.46	1.02	6.17	5.58	5.26	4.99	4.69	4.35	3.97	3.55	3.1	2.59	2.02	1.41	0.86	0.44	0.16	6.38	5.76	5.42	5.14	4.83	4.48
2.24	3.68	4.7	3.68	3.45	1.03	6.17	5.58	5.26	4.99	4.69	4.35	3.97	3.55	3.1	2.59	2.01	1.4	0.85	0.44	0.16	6.36	5.75	5.41	5.13	4.82	4.47
2.14	3.67	4.69	3.71	3.45	1.04	6.16	5.57	5.25	4.98	4.69	4.35	3.96	3.55	3.1	2.59	2.01	1.4	0.85	0.43	0.16	6.33	5.72	5.38	5.11	4.8	4.45
2.16	3.64	4.7	3.66	3.44	1.04	6.14	5.55	5.24	4.97	4.68	4.34	3.96	3.54	3.09	2.58	2	1.4	0.85	0.43	0.16	6.3	5.69	5.36	5.09	4.78	4.43
2.07	3.64	4.71	3.64	3.4	1.05	6.13	5.53	5.22	4.95	4.66	4.33	3.95	3.53	3.09	2.58	2	1.39	0.84	0.43	0.16	6.28	5.66	5.33	5.06	4.76	4.41
1.97	3.66	4.72	3.65	3.43	1.06	6.11	5.5	5.19	4.93	4.64	4.31	3.93	3.52	3.08	2.57	1.99	1.39	0.84	0.43	0.16	6.26	5.63	5.3	5.03	4.73	4.39
1.98	3.67	4.69	3.67	3.44	1.06	6.09	5.47	5.16	4.9	4.61	4.29	3.91	3.51	3.06	2.56	1.99	1.39	0.84	0.43	0.16	6.24	5.59	5.27	5	4.71	4.36
1.83	3.67	4.7	3.69	3.42	1.06	6.07	5.44	5.13	4.87	4.59	4.26	3.89	3.49	3.05	2.55	1.98	1.39	0.84	0.43	0.16	6.22	5.56	5.24	4.97	4.68	4.34
2	3.67	4.69	3.72	3.43	1.06	6.06	5.41	5.1	4.85	4.56	4.24	3.87	3.48	3.04	2.55	1.98	1.39	0.84	0.43	0.16	6.21	5.53	5.21	4.95	4.66	4.32
2.19	3.66	4.72	3.7	3.42	1.06	6.04	5.39	5.08	4.82	4.54	4.22	3.86	3.46	3.03	2.55	1.99	1.39	0.85	0.43	0.16	6.2	5.52	5.19	4.93	4.64	4.31
2.12	3.66	4.71	3.7	3.49	1.06	6.04	5.38	5.07	4.81	4.53	4.21	3.85	3.45	3.03	2.54	1.99	1.39	0.85	0.44	0.16	6.2	5.51	5.18	4.92	4.63	4.29
1.55	3.66	4.71	3.72	3.43	1.06	6.04	5.38	5.06	4.8	4.52	4.2	3.84	3.45	3.02	2.54	1.99	1.39	0.85	0.44	0.16	6.21	5.51	5.18	4.91	4.62	4.28
1.34	3.66	4.71	3.65	3.46	1.05	6.06	5.39	5.06	4.8	4.52	4.2	3.84	3.44	3.02	2.54	1.98	1.39	0.84	0.44	0.16	6.23	5.52	5.18	4.91	4.62	4.28
2.04	3.67	4.73	3.67	3.48	1.04	6.08	5.4	5.07	4.8	4.52	4.2	3.84	3.44	3.01	2.53	1.98	1.38	0.84	0.43	0.16	6.25	5.53	5.18	4.91	4.61	4.27
2.35	3.71	4.73	3.69	3.57	1.04	6.11	5.42	5.08	4.81	4.52	4.2	3.84	3.44	3.01	2.53	1.98	1.38	0.84	0.43	0.16	6.27	5.53	5.18	4.9	4.61	4.27
2.31	3.79	4.71	3.74	3.67	1.03	6.14	5.43	5.09	4.81	4.53	4.2	3.84	3.44	3.01	2.53	1.97	1.38	0.84	0.43	0.16	6.28	5.54	5.18	4.9	4.6	4.26
1.84	3.67	4.72	3.7	3.45	1.02	6.17	5.44	5.1	4.82	4.53	4.21	3.84	3.44	3.01	2.53	1.97	1.38	0.84	0.43	0.16	6.3	5.53	5.17	4.89	4.59	4.26
2.01	3.64	4.72	3.65	3.43	1.02	6.19	5.45	5.1	4.82	4.53	4.21	3.84	3.44	3.01	2.53	1.97	1.37	0.83	0.43	0.16	6.3	5.52	5.16	4.88	4.58	4.24
1.43	3.65	4.72	3.64	3.39	1.01	6.21	5.45	5.1	4.82	4.53	4.21	3.84	3.45	3.01	2.52	1.97	1.37	0.83	0.43	0.16	6.29	5.5	5.14	4.86	4.56	4.23
1.72	3.66	4.73	3.68	3.4	1.01	6.22	5.45	5.1	4.82	4.53	4.21	3.85	3.45	3.01	2.52	1.96	1.37	0.83	0.43	0.16	6.28	5.48	5.13	4.85	4.55	4.22
1.87	3.64	4.73	3.65	3.42	1.01	6.23	5.45	5.11	4.83	4.53	4.21	3.85	3.45	3.01	2.52	1.96	1.36	0.82	0.42	0.15	6.27	5.47	5.11	4.83	4.53	4.21
1.53	3.63	4.74	3.65	3.39	1.01	6.25	5.47	5.12	4.84	4.55	4.22	3.86	3.45	3.01	2.52	1.96	1.36	0.82	0.42	0.15	6.27	5.47	5.11	4.83	4.53	4.2
1.68	3.64	4.73	3.66	3.43	1.02	6.28	5.51	5.15	4.86	4.56	4.24	3.87	3.46	3.02	2.52	1.95	1.35	0.81	0.42	0.15	6.27	5.49	5.12	4.84	4.53	4.21
2.02	3.64	4.72	3.66	3.43	1.02	6.32	5.55	5.18	4.89	4.59	4.26	3.88	3.47	3.02	2.51	1.94	1.34	0.8	0.41	0.15	6.3	5.51	5.14	4.86	4.55	4.21
1.84	3.68	4.74	3.69	3.47	1.03	6.37	5.6	5.22	4.93	4.62	4.28	3.9	3.48	3.02	2.51	1.93	1.33	0.8	0.41	0.14	6.33	5.55	5.17	4.88	4.56	4.22
1.81	3.84	4.72	3.71	3.59	1.03	6.41	5.65	5.26	4.96	4.64	4.3	3.91	3.49	3.02	2.51	1.92	1.32	0.79	0.4	0.14	6.36	5.58	5.19	4.9	4.58	4.24
2.05	3.71	4.73	3.7	3.5	1.04	6.44	5.68	5.28	4.98	4.66	4.31	3.92	3.5	3.02	2.5	1.91	1.31	0.79	0.4	0.14	6.37	5.6	5.2	4.9	4.59	4.24
2.19	3.71	4.71	3.66	3.48	1.04	6.46	5.69	5.29	4.99	4.67	4.32	3.93	3.5	3.02	2.49	1.9	1.3	0.78	0.4	0.14	6.37	5.6	5.2	4.9	4.58	4.24
2.28	3.68	4.73	3.68	3.46	1.05	6.45	5.69	5.29	4.98	4.66	4.32	3.92	3.49	3.02	2.48	1.89	1.29	0.78	0.39	0.14	6.35	5.59	5.19	4.89	4.57	4.23
2.26	3.67	4.73	3.67	3.46	1.05	6.43	5.67	5.27	4.97	4.65	4.31	3.91	3.48	3.01	2.47	1.88	1.29	0.77	0.39	0.14	6.31	5.56	5.16	4.86	4.55	4.2
2.1	3.67	4.72	3.69	3.44	1.05	6.39	5.64	5.25	4.94	4.63	4.29	3.9	3.47	3	2.46	1.87	1.28	0.76	0.39	0.14	6.26	5.52	5.12	4.82	4.51	4.18
1.83	3.67	4.72	3.7	3.43	1.04	6.35	5.61	5.22	4.92	4.61	4.27	3.88	3.46	2.99	2.45	1.87	1.27	0.76	0.39	0.14	6.21	5.47	5.08	4.79	4.48	4.15
1.78	3.64	4.72	3.7	3.41	1.04	6.32	5.58	5.2	4.9	4.59	4.25	3.87	3.45	2.98	2.44	1.86	1.27	0.76	0.39	0.14	6.16	5.43	5.05	4.75	4.45	4.12
2.33	3.61	4.72	3.68	3.39	1.04	6.3	5.56	5.17	4.88	4.57	4.24	3.86	3.44	2.97	2.44	1.86	1.27	0.76	0.39	0.14	6.13	5.4	5.02	4.73	4.43	4.1
2.39	3.61	4.71	3.64	3.44	1.04	6.29	5.54	5.16	4.86	4.56	4.23	3.85	3.43	2.96	2.43	1.86	1.27	0.77	0.39	0.15	6.12	5.37	4.99	4.71	4.41	4.09
2.25	3.63	4.72	3.66	3.44	1.04	6.29	5.53	5.14	4.85	4.55	4.22	3.84	3.42	2.96	2.43	1.86	1.27	0.77	0.4	0.15	6.11	5.36	4.98	4.69	4.4	4.07
2.33	3.66	4.73	3.71	3.47	1.04	6.3	5.53	5.13	4.84	4.54	4.21	3.84	3.42	2.96	2.43	1.86	1.28	0.77	0.4	0.15	6.12	5.35	4.97	4.69	4.39	4.07
2.13	3.68	4.69	3.71	3.4	1.04	6.31	5.52	5.13	4.84	4.53	4.2	3.83	3.41	2.95	2											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.21	3.64	4.73	3.63	3.41	1.02	5.58	5.08	4.79	4.55	4.29	3.98	3.64	3.27	2.86	2.38	1.84	1.27	0.77	0.39	0.14	6.72	6.11	5.75	5.46	5.13	4.76
1.86	3.64	4.74	3.66	3.47	1.02	5.58	5.09	4.8	4.56	4.29	3.99	3.65	3.27	2.86	2.38	1.84	1.27	0.76	0.39	0.14	6.7	6.11	5.75	5.46	5.13	4.76
2.17	3.65	4.72	3.69	3.48	1.01	5.58	5.11	4.81	4.57	4.3	4	3.65	3.27	2.86	2.38	1.83	1.26	0.76	0.38	0.14	6.69	6.11	5.75	5.46	5.13	4.76
2.1	3.68	4.73	3.65	3.44	1.01	5.58	5.12	4.82	4.58	4.31	4.01	3.66	3.28	2.86	2.38	1.83	1.26	0.76	0.38	0.14	6.68	6.11	5.75	5.46	5.13	4.76
1.91	3.68	4.7	3.67	3.47	1.01	5.59	5.13	4.83	4.59	4.32	4.01	3.67	3.28	2.86	2.38	1.83	1.26	0.76	0.38	0.14	6.66	6.11	5.74	5.45	5.12	4.75
2.19	3.66	4.73	3.67	3.47	1.01	5.58	5.13	4.83	4.59	4.32	4.02	3.67	3.28	2.86	2.38	1.83	1.26	0.76	0.38	0.14	6.64	6.09	5.73	5.44	5.11	4.74
1.94	3.67	4.73	3.69	3.45	1	5.58	5.12	4.83	4.59	4.32	4.02	3.67	3.29	2.87	2.38	1.83	1.26	0.76	0.38	0.14	6.61	6.06	5.7	5.42	5.09	4.73
1.71	3.67	4.71	3.67	3.45	1	5.58	5.12	4.83	4.59	4.33	4.02	3.68	3.29	2.87	2.39	1.84	1.26	0.76	0.38	0.14	6.58	6.03	5.68	5.4	5.08	4.71
1.77	3.63	4.71	3.64	3.43	1	5.57	5.12	4.83	4.59	4.33	4.03	3.68	3.3	2.87	2.39	1.84	1.26	0.76	0.38	0.14	6.55	6.01	5.66	5.38	5.06	4.7
1.8	3.63	4.72	3.66	3.43	1	5.58	5.12	4.84	4.6	4.34	4.04	3.69	3.31	2.88	2.39	1.84	1.26	0.76	0.38	0.14	6.53	5.99	5.65	5.36	5.05	4.69
1.73	3.61	4.68	3.64	3.41	0.99	5.59	5.14	4.85	4.61	4.35	4.05	3.7	3.32	2.89	2.4	1.84	1.26	0.76	0.38	0.14	6.51	5.98	5.64	5.36	5.05	4.69
1.83	3.62	4.68	3.64	3.43	0.99	5.6	5.16	4.87	4.63	4.37	4.07	3.72	3.33	2.89	2.4	1.84	1.26	0.75	0.38	0.14	6.51	5.98	5.64	5.36	5.05	4.69
1.92	3.65	4.7	3.68	3.42	0.99	5.63	5.19	4.9	4.66	4.39	4.09	3.73	3.34	2.9	2.4	1.84	1.26	0.75	0.38	0.14	6.51	5.99	5.65	5.36	5.05	4.69
1.85	3.66	4.72	3.65	3.43	0.99	5.66	5.22	4.92	4.68	4.41	4.11	3.75	3.36	2.92	2.41	1.84	1.26	0.75	0.38	0.14	6.52	6	5.65	5.37	5.06	4.7
1.84	3.69	4.73	3.66	3.43	0.99	5.69	5.25	4.95	4.71	4.44	4.13	3.77	3.37	2.93	2.41	1.84	1.26	0.76	0.38	0.14	6.53	6.01	5.66	5.38	5.07	4.7
2.01	3.65	4.69	3.67	3.43	0.99	5.73	5.28	4.97	4.73	4.46	4.15	3.79	3.39	2.94	2.42	1.85	1.27	0.76	0.39	0.15	6.55	6.02	5.67	5.39	5.07	4.71
1.7	3.62	4.7	3.68	3.43	0.99	5.77	5.31	5	4.76	4.48	4.17	3.81	3.4	2.95	2.43	1.85	1.27	0.76	0.39	0.15	6.57	6.03	5.67	5.4	5.08	4.71
1.37	3.64	4.73	3.68	3.41	0.99	5.82	5.34	5.03	4.78	4.5	4.19	3.82	3.42	2.96	2.44	1.86	1.27	0.76	0.39	0.15	6.6	6.04	5.68	5.41	5.08	4.72
1.43	3.61	4.71	3.67	3.46	0.99	5.87	5.37	5.05	4.81	4.53	4.21	3.84	3.43	2.97	2.45	1.86	1.28	0.76	0.39	0.15	6.63	6.06	5.7	5.42	5.09	4.73
2.25	3.63	4.71	3.66	3.39	0.99	5.92	5.41	5.09	4.84	4.55	4.23	3.86	3.45	2.99	2.45	1.86	1.28	0.76	0.39	0.15	6.66	6.08	5.71	5.43	5.1	4.73
2.2	3.62	4.7	3.66	3.4	0.99	5.97	5.44	5.12	4.86	4.57	4.25	3.88	3.46	3	2.46	1.87	1.28	0.76	0.39	0.15	6.7	6.1	5.73	5.44	5.11	4.74
1.18	3.63	4.71	3.61	3.41	0.99	6.01	5.47	5.14	4.89	4.6	4.27	3.89	3.48	3.01	2.47	1.87	1.28	0.76	0.39	0.14	6.72	6.12	5.74	5.45	5.12	4.74
1.68	3.65	4.71	3.63	3.43	1	6.04	5.5	5.17	4.91	4.61	4.28	3.9	3.49	3.02	2.48	1.88	1.28	0.76	0.39	0.14	6.73	6.12	5.75	5.45	5.12	4.74
2.23	3.65	4.7	3.69	3.42	1	6.05	5.51	5.18	4.92	4.62	4.29	3.91	3.49	3.02	2.49	1.88	1.29	0.76	0.38	0.14	6.72	6.12	5.74	5.45	5.12	4.74
1.86	3.65	4.71	3.67	3.43	1	6.04	5.51	5.18	4.92	4.63	4.3	3.92	3.5	3.03	2.49	1.89	1.29	0.77	0.39	0.14	6.7	6.1	5.73	5.44	5.11	4.73
1.93	3.65	4.71	3.69	3.44	1	6.02	5.5	5.18	4.92	4.63	4.3	3.92	3.5	3.04	2.5	1.89	1.29	0.77	0.39	0.14	6.66	6.08	5.71	5.42	5.09	4.72
2.06	3.66	4.7	3.7	3.46	1	6.01	5.49	5.17	4.92	4.62	4.3	3.92	3.51	3.04	2.5	1.9	1.3	0.77	0.39	0.14	6.63	6.06	5.69	5.41	5.08	4.71
2.19	3.66	4.74	3.68	3.44	1.01	6	5.49	5.17	4.92	4.62	4.3	3.93	3.51	3.05	2.51	1.9	1.3	0.77	0.39	0.14	6.61	6.04	5.68	5.4	5.07	4.7
2.17	3.69	4.71	3.72	3.46	1.01	6.01	5.49	5.17	4.92	4.63	4.3	3.93	3.52	3.05	2.51	1.91	1.3	0.77	0.39	0.14	6.61	6.03	5.67	5.39	5.07	4.7
2.08	3.7	4.7	3.7	3.46	1.01	6.04	5.51	5.19	4.93	4.64	4.31	3.94	3.52	3.06	2.52	1.91	1.3	0.77	0.39	0.14	6.63	6.04	5.68	5.4	5.07	4.71
1.91	3.62	4.71	3.63	3.39	1.01	6.08	5.53	5.21	4.95	4.65	4.32	3.95	3.53	3.06	2.52	1.91	1.3	0.77	0.39	0.14	6.68	6.07	5.7	5.41	5.08	4.72
1.89	3.61	4.72	3.66	3.42	1.01	6.13	5.57	5.23	4.97	4.67	4.34	3.96	3.54	3.07	2.52	1.91	1.3	0.77	0.39	0.14	6.73	6.1	5.72	5.43	5.1	4.73
1.95	3.64	4.72	3.67	3.44	1.01	6.18	5.6	5.25	4.99	4.69	4.35	3.97	3.55	3.07	2.52	1.91	1.3	0.77	0.38	0.14	6.78	6.13	5.75	5.45	5.12	4.75
2.2	3.66	4.68	3.7	3.44	1.01	6.21	5.62	5.27	5	4.7	4.37	3.98	3.55	3.08	2.53	1.91	1.3	0.77	0.38	0.14	6.82	6.16	5.77	5.47	5.13	4.76
2.22	3.68	4.68	3.68	3.43	1.02	6.23	5.64	5.29	5.02	4.71	4.38	3.99	3.56	3.08	2.53	1.91	1.3	0.77	0.38	0.14	6.85	6.18	5.79	5.48	5.15	4.77
2.04	3.67	4.72	3.69	3.44	1.01	6.24	5.65	5.29	5.02	4.72	4.39	4	3.57	3.08	2.53	1.91	1.3	0.76	0.38	0.14	6.85	6.19	5.8	5.5	5.16	4.78
1.64	3.66	4.73	3.71	3.44	1.01	6.23	5.65	5.3	5.03	4.73	4.39	4.01	3.57	3.09	2.53	1.91	1.3	0.76	0.37	0.13	6.85	6.2	5.81	5.51	5.17	4.79
1.51	3.64	4.73	3.68	3.41	1.01	6.23	5.66	5.31	5.04	4.74	4.4	4.02	3.58	3.09	2.54	1.91	1.3	0.76	0.37	0.13	6.84	6.21	5.82	5.52	5.18	4.81
1.82	3.67	4.73	3.67	3.4	1.01	6.23	5.67	5.32	5.05	4.75	4.41	4.03	3.59	3.1	2.54	1.92	1.3	0.75	0.37	0.13	6.84	6.22	5.83	5.53	5.19	4.82
1.31	3.86	4.75	3.71	3.59	1.01	6.24	5.68	5.34	5.07	4.77	4.43	4.04	3.6	3.11	2.54	1.92	1.3	0.75	0.36	0.13	6.85	6.23	5.85	5.55	5.21	4.83
2.15	3.68	4.72	3.68	3.47	1.01	6.26	5.7	5.36	5.09	4.78	4.44	4.05	3.61	3.12	2.55	1.92	1.3	0.75	0.36	0.13	6.87	6.25	5.86	5.56	5.22	4.84
1.71	3.64	4.71	3.69	3.44	1	6.28	5.71	5.37	5.1	4.79	4.45	4.06	3.62	3.12	2.56	1.93	1.3	0.75	0.36	0.13	6.89	6.26	5.88	5.57	5.23	4.85
1.83	3.63	4.69	3.7	3.41	1	6.3	5.72	5.38	5.11	4.8	4.46	4.07	3.63	3.13	2.57	1.93	1.3	0.75	0.36	0.13	6.91	6.27	5.89	5.58	5.24	4.86
2.2	3.65	4.7	3.69	3.44	1	6.32	5.73	5.39	5.12	4.81	4.47	4.08	3.63	3.14	2.58	1.94	1.31	0.75	0.36	0.12	6.92	6.27	5.89	5.59	5.25	4.86
2.18	3.66	4.72	3.67	3.42	1	6.34	5.74	5.4	5.13	4.82	4.47	4.08	3.64	3.15	2.59	1.95	1.31	0.75	0.36	0.12	6.93	6.27	5.89	5.59	5.25	4.86
2.07	3.66	4.72	3.67	3.42	1	6.36	5.76	5.41	5.14	4.83	4.48	4.09	3.65	3.16	2.6	1.96	1.32	0.75	0.36	0.12	6.94	6.28	5.89	5.59	5.25	4.86
1.94	3.64	4.71	3.68	3.42	1	6.38	5.77	5.42	5.15	4.84	4.49	4.09	3.66	3.17	2.61	1.97	1.32	0.75	0.36	0.12	6.95	6.29	5.9	5.59	5.25	4.87
1.97	3.63	4.71	3.68	3.42	1	6.41	5.79	5.44	5.16	4.85	4.5	4.1	3.67	3.18	2.62	1.98	1.32	0.75	0.35	0.12	6.97	6.3	5.91	5.6	5.26	4.87
2.22	3.64	4.72	3.64	3.44	1	6.45	5.83	5.47	5.19	4.87	4.52	4.12	3.68	3.2	2.64	1.99	1.33	0.75	0.35	0.12	7	6.33	5.93	5.62	5.27	4.88
2.12	3.66	4.73	3.64	3.43	1.01	6.49	5.86	5.5	5.21	4.89	4.53	4.13	3.69	3.21	2.65	2	1.33	0.74	0.35	0.12	7.0					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.03	3.66	4.72	3.7	3.44	1.01	7.38	6.6	6.17	5.79	5.38	4.92	4.4	3.82	3.17	2.46	1.7	1.01	0.49	0.19	0.06	7.04	6.27	5.85	5.5	5.1	4.67
1.96	3.68	4.7	3.7	3.47	1.03	7.44	6.64	6.2	5.82	5.4	4.94	4.41	3.82	3.17	2.44	1.68	0.99	0.47	0.18	0.06	7.09	6.31	5.88	5.52	5.12	4.68
2.1	3.69	4.72	3.71	3.46	1.03	7.49	6.68	6.23	5.84	5.42	4.95	4.42	3.83	3.16	2.43	1.66	0.97	0.46	0.18	0.05	7.13	6.34	5.91	5.54	5.13	4.69
1.99	3.69	4.73	3.72	3.46	1.04	7.53	6.7	6.25	5.86	5.43	4.95	4.42	3.82	3.15	2.41	1.64	0.96	0.45	0.17	0.05	7.16	6.36	5.92	5.55	5.14	4.69
1.57	3.67	4.7	3.7	3.44	1.05	7.54	6.71	6.26	5.86	5.43	4.95	4.42	3.82	3.14	2.4	1.63	0.94	0.44	0.17	0.05	7.19	6.38	5.94	5.56	5.14	4.69
1.76	3.7	4.72	3.69	3.45	1.05	7.55	6.72	6.26	5.87	5.43	4.95	4.41	3.81	3.13	2.38	1.61	0.93	0.43	0.16	0.05	7.19	6.39	5.95	5.57	5.15	4.69
1.06	3.68	4.7	3.71	3.43	1.05	7.54	6.72	6.26	5.87	5.43	4.95	4.4	3.8	3.12	2.36	1.59	0.91	0.42	0.16	0.05	7.2	6.39	5.95	5.57	5.15	4.7
1.7	3.67	4.71	3.7	3.44	1.05	7.53	6.71	6.26	5.87	5.43	4.95	4.4	3.79	3.1	2.34	1.57	0.89	0.41	0.15	0.04	7.2	6.4	5.96	5.58	5.16	4.7
1.78	3.67	4.7	3.7	3.46	1.05	7.51	6.71	6.26	5.87	5.43	4.94	4.4	3.78	3.09	2.32	1.55	0.88	0.4	0.15	0.04	7.19	6.41	5.97	5.59	5.17	4.71
1.22	3.67	4.72	3.7	3.47	1.05	7.49	6.71	6.26	5.87	5.43	4.94	4.39	3.77	3.07	2.3	1.53	0.86	0.4	0.14	0.04	7.19	6.42	5.99	5.6	5.18	4.71
1.5	3.67	4.74	3.7	3.45	1.05	7.46	6.7	6.26	5.87	5.43	4.94	4.39	3.76	3.06	2.28	1.52	0.85	0.39	0.14	0.04	7.19	6.43	6	5.62	5.19	4.72
1.91	3.67	4.74	3.68	3.44	1.05	7.43	6.69	6.25	5.86	5.42	4.94	4.38	3.75	3.04	2.26	1.5	0.83	0.38	0.13	0.04	7.18	6.44	6.01	5.63	5.2	4.73
1.73	3.67	4.74	3.68	3.44	1.04	7.4	6.68	6.24	5.85	5.42	4.93	4.37	3.74	3.02	2.24	1.48	0.82	0.37	0.13	0.04	7.17	6.45	6.02	5.64	5.21	4.74
1.52	3.68	4.72	3.68	3.44	1.04	7.36	6.66	6.23	5.84	5.41	4.92	4.36	3.72	3.01	2.22	1.46	0.8	0.36	0.13	0.03	7.16	6.46	6.03	5.64	5.22	4.74
1.15	3.69	4.7	3.7	3.44	1.04	7.32	6.63	6.2	5.82	5.39	4.9	4.34	3.71	2.99	2.2	1.44	0.79	0.35	0.12	0.03	7.15	6.46	6.03	5.65	5.22	4.74
1.73	3.67	4.71	3.72	3.44	1.03	7.27	6.6	6.17	5.79	5.36	4.88	4.32	3.69	2.97	2.18	1.42	0.77	0.34	0.12	0.03	7.14	6.46	6.03	5.65	5.22	4.74
1.85	3.68	4.69	3.7	3.43	1.03	7.23	6.56	6.14	5.76	5.33	4.85	4.3	3.67	2.94	2.16	1.4	0.76	0.34	0.12	0.03	7.13	6.45	6.02	5.64	5.22	4.74
1.7	3.68	4.68	3.71	3.46	1.02	7.18	6.52	6.1	5.73	5.3	4.83	4.28	3.64	2.92	2.14	1.38	0.75	0.33	0.11	0.03	7.12	6.44	6.01	5.63	5.21	4.73
1.61	3.69	4.73	3.67	3.44	1.01	7.13	6.49	6.07	5.7	5.28	4.8	4.26	3.63	2.91	2.13	1.37	0.74	0.32	0.11	0.03	7.11	6.43	6	5.63	5.2	4.73
1.92	3.72	4.72	3.68	3.44	1	7.09	6.46	6.04	5.67	5.25	4.78	4.24	3.61	2.89	2.12	1.35	0.73	0.31	0.1	0.03	7.1	6.43	6	5.62	5.2	4.72
1.71	3.69	4.74	3.68	3.45	0.99	7.05	6.44	6.02	5.65	5.24	4.77	4.22	3.6	2.88	2.1	1.34	0.72	0.31	0.1	0.02	7.08	6.43	6	5.62	5.2	4.72
2.07	3.69	4.73	3.67	3.47	0.98	7.02	6.42	6	5.64	5.22	4.76	4.21	3.59	2.87	2.1	1.33	0.71	0.3	0.1	0.02	7.07	6.44	6	5.63	5.2	4.73
2.01	3.67	4.71	3.68	3.46	0.97	6.99	6.41	5.99	5.63	5.22	4.75	4.21	3.59	2.87	2.09	1.32	0.7	0.3	0.1	0.02	7.06	6.44	6.01	5.63	5.21	4.73
2.13	3.66	4.71	3.67	3.48	0.96	6.97	6.4	5.99	5.62	5.21	4.75	4.21	3.58	2.86	2.08	1.32	0.7	0.29	0.09	0.02	7.06	6.45	6.01	5.64	5.21	4.74
2.29	3.65	4.74	3.68	3.44	0.95	6.96	6.4	5.98	5.63	5.21	4.75	4.21	3.58	2.86	2.08	1.31	0.69	0.29	0.09	0.02	7.05	6.45	6.01	5.64	5.22	4.75
1.95	3.64	4.7	3.69	3.44	0.94	6.96	6.4	5.98	5.63	5.22	4.75	4.21	3.58	2.86	2.07	1.3	0.69	0.28	0.09	0.02	7.05	6.46	6.02	5.65	5.23	4.75
1.97	3.62	4.72	3.68	3.41	0.93	6.97	6.41	5.99	5.64	5.23	4.76	4.22	3.59	2.86	2.07	1.3	0.68	0.28	0.09	0.02	7.05	6.46	6.02	5.65	5.23	4.76
2.2	3.63	4.71	3.64	3.39	0.93	6.98	6.41	6	5.65	5.24	4.77	4.23	3.59	2.86	2.07	1.3	0.68	0.28	0.09	0.02	7.05	6.46	6.03	5.66	5.24	4.77
2.26	3.61	4.73	3.64	3.39	0.92	7	6.43	6.02	5.66	5.25	4.79	4.24	3.6	2.87	2.07	1.3	0.68	0.28	0.08	0.02	7.06	6.46	6.04	5.67	5.25	4.78
2.17	3.65	4.69	3.65	3.41	0.92	7.02	6.45	6.04	5.68	5.27	4.81	4.25	3.61	2.87	2.07	1.29	0.68	0.27	0.08	0.02	7.08	6.48	6.05	5.69	5.26	4.79
2.05	3.63	4.73	3.67	3.43	0.92	7.06	6.47	6.07	5.71	5.3	4.83	4.27	3.62	2.88	2.07	1.29	0.67	0.27	0.08	0.01	7.11	6.5	6.07	5.71	5.28	4.81
1.72	3.63	4.71	3.69	3.38	0.93	7.09	6.51	6.1	5.75	5.33	4.86	4.3	3.64	2.89	2.07	1.29	0.67	0.27	0.08	0.01	7.13	6.52	6.1	5.73	5.31	4.83
1.59	3.62	4.72	3.67	3.41	0.93	7.13	6.54	6.15	5.78	5.36	4.89	4.32	3.65	2.89	2.07	1.3	0.67	0.27	0.08	0.01	7.15	6.55	6.14	5.77	5.34	4.86
2.1	3.63	4.73	3.65	3.41	0.94	7.16	6.58	6.19	5.82	5.4	4.92	4.34	3.67	2.9	2.08	1.3	0.67	0.28	0.09	0.01	7.18	6.58	6.18	5.8	5.37	4.89
1.87	3.64	4.72	3.67	3.45	0.95	7.19	6.62	6.22	5.86	5.43	4.95	4.37	3.69	2.91	2.08	1.3	0.67	0.28	0.09	0.01	7.2	6.61	6.21	5.84	5.41	4.92
1.22	3.65	4.72	3.68	3.44	0.96	7.21	6.65	6.26	5.89	5.47	4.98	4.39	3.7	2.92	2.09	1.3	0.67	0.28	0.09	0.01	7.22	6.64	6.24	5.87	5.44	4.94
2.1	3.64	4.7	3.71	3.46	0.97	7.22	6.67	6.28	5.92	5.49	5	4.41	3.72	2.93	2.09	1.3	0.68	0.28	0.09	0.01	7.22	6.66	6.26	5.89	5.46	4.97
2.22	3.66	4.7	3.66	3.44	0.98	7.22	6.68	6.3	5.94	5.52	5.02	4.43	3.73	2.94	2.1	1.31	0.68	0.28	0.09	0.01	7.22	6.67	6.27	5.91	5.48	4.98
1.85	3.68	4.71	3.69	3.45	0.99	7.22	6.69	6.31	5.96	5.53	5.04	4.44	3.74	2.95	2.11	1.31	0.68	0.28	0.09	0.01	7.21	6.67	6.28	5.92	5.49	4.99
1.92	3.66	4.71	3.69	3.45	1	7.22	6.69	6.32	5.97	5.54	5.05	4.45	3.75	2.96	2.11	1.32	0.69	0.29	0.09	0.01	7.19	6.66	6.27	5.92	5.49	4.99
1.44	3.65	4.7	3.71	3.44	1	7.22	6.7	6.32	5.97	5.55	5.05	4.46	3.76	2.97	2.12	1.33	0.69	0.29	0.09	0.01	7.18	6.65	6.27	5.91	5.49	4.99
2.09	3.64	4.7	3.68	3.46	1.01	7.23	6.7	6.32	5.97	5.55	5.06	4.46	3.76	2.97	2.13	1.34	0.69	0.29	0.09	0.01	7.18	6.65	6.26	5.91	5.48	4.99
1.87	3.64	4.7	3.67	3.46	1.01	7.26	6.71	6.33	5.98	5.55	5.06	4.46	3.77	2.98	2.14	1.34	0.7	0.29	0.09	0.01	7.19	6.64	6.26	5.9	5.48	4.99
1.53	3.66	4.69	3.67	3.43	1.02	7.29	6.73	6.34	5.99	5.56	5.06	4.47	3.77	2.98	2.14	1.35	0.7	0.29	0.09	0.01	7.22	6.65	6.26	5.9	5.47	4.98
2.09	3.7	4.71	3.68	3.43	1.02	7.33	6.75	6.36	6	5.56	5.06	4.47	3.77	2.99	2.15	1.35	0.7	0.29	0.09	0.01	7.25	6.66	6.27	5.9	5.47	4.98
2.03	3.67	4.72	3.7	3.45	1.03	7.37	6.77	6.37	6.01	5.57	5.06	4.47	3.77	2.99	2.15	1.35	0.7	0.29	0.09	0.01	7.28	6.68	6.28	5.91	5.47	4.98
1.88	3.67	4.71	3.69	3.42	1.03	7.4	6.79	6.39	6.02	5.57	5.07	4.47	3.77	2.99	2.15	1.35	0.7	0.29	0.09	0.01	7.32	6.7	6.29	5.92	5.48	4.97
1.99	3.68	4.71	3.69	3.47	1.04	7.44	6.81	6.4	6.02	5.58	5.07	4.47	3.78	2.99	2.16	1.35	0.7	0.29	0.09	0.01	7.35	6.72	6.3	5.92	5.48	4.98
1.77	3.68	4.72	3.68	3.46	1.04	7.46	6.83	6.41	6.03	5.58	5.07	4.47	3.78	2.99	2.16	1.35	0.71	0.29	0.09	0.01	7.38	6.74	6.31	5.93	5.48	4.98
1.53	3.65	4.72	3.7	3.43	1.04	7.47	6.83	6.41	6.03	5.58	5.06	4.46	3.77	3	2.16	1.36	0.71	0.29	0							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.94	3.78	4.7	3.71	3.57	1.04	7.03	6.46	6.1	5.76	5.37	4.92	4.39	3.77	3.04	2.22	1.41	0.74	0.3	0.1	0.02	7.08	6.49	6.12	5.77	5.38	4.93
1.67	3.68	4.72	3.68	3.47	1.04	7	6.43	6.07	5.74	5.35	4.91	4.38	3.75	3.02	2.2	1.39	0.73	0.3	0.1	0.02	7.06	6.48	6.11	5.76	5.37	4.93
1.64	3.67	4.71	3.7	3.43	1.04	6.97	6.4	6.04	5.71	5.34	4.89	4.37	3.74	3.01	2.19	1.38	0.72	0.29	0.1	0.02	7.05	6.46	6.09	5.75	5.36	4.92
1.54	3.65	4.71	3.66	3.46	1.04	6.94	6.37	6.01	5.69	5.32	4.88	4.36	3.73	3	2.17	1.37	0.71	0.29	0.09	0.02	7.04	6.45	6.08	5.75	5.36	4.92
1.99	3.66	4.69	3.66	3.44	1.04	6.91	6.35	5.99	5.68	5.31	4.87	4.35	3.72	2.98	2.16	1.35	0.7	0.28	0.09	0.02	7.03	6.45	6.08	5.75	5.36	4.92
2.08	3.67	4.73	3.68	3.45	1.04	6.9	6.34	5.98	5.67	5.3	4.87	4.35	3.72	2.98	2.15	1.34	0.69	0.28	0.09	0.02	7.03	6.46	6.08	5.76	5.37	4.93
1.91	3.66	4.73	3.66	3.46	1.04	6.89	6.34	5.98	5.67	5.3	4.87	4.35	3.71	2.97	2.14	1.33	0.68	0.27	0.09	0.02	7.04	6.47	6.09	5.77	5.39	4.95
1.93	3.68	4.71	3.68	3.47	1.03	6.88	6.35	5.98	5.68	5.31	4.88	4.35	3.72	2.97	2.13	1.33	0.68	0.27	0.08	0.02	7.06	6.5	6.12	5.8	5.42	4.97
2.08	3.66	4.72	3.65	3.48	1.03	6.89	6.37	6	5.69	5.32	4.89	4.36	3.72	2.96	2.13	1.32	0.67	0.27	0.08	0.02	7.09	6.54	6.15	5.83	5.45	4.99
2.22	3.66	4.72	3.68	3.47	1.03	6.9	6.39	6.02	5.71	5.34	4.91	4.37	3.72	2.96	2.12	1.31	0.66	0.26	0.08	0.02	7.11	6.58	6.19	5.86	5.48	5.02
2.09	3.67	4.72	3.69	3.48	1.02	6.91	6.41	6.04	5.73	5.36	4.92	4.38	3.73	2.96	2.12	1.31	0.66	0.26	0.08	0.02	7.14	6.61	6.22	5.9	5.51	5.05
1.88	3.69	4.73	3.68	3.46	1.02	6.92	6.43	6.06	5.75	5.38	4.94	4.39	3.73	2.96	2.11	1.3	0.65	0.25	0.08	0.02	7.16	6.65	6.26	5.93	5.54	5.07
1.86	3.66	4.72	3.68	3.45	1.01	6.94	6.45	6.09	5.77	5.4	4.95	4.4	3.74	2.96	2.11	1.3	0.65	0.25	0.07	0.01	7.19	6.68	6.29	5.95	5.56	5.09
2.11	3.64	4.73	3.7	3.42	1	6.96	6.47	6.1	5.79	5.41	4.96	4.41	3.74	2.96	2.11	1.29	0.64	0.25	0.07	0.01	7.21	6.7	6.31	5.97	5.58	5.11
2.03	3.65	4.74	3.65	3.47	1	6.98	6.48	6.12	5.8	5.42	4.97	4.42	3.75	2.96	2.11	1.29	0.64	0.24	0.07	0.01	7.23	6.71	6.32	5.99	5.59	5.12
2.16	3.64	4.72	3.68	3.46	0.99	7	6.49	6.13	5.81	5.43	4.98	4.42	3.75	2.97	2.11	1.29	0.64	0.24	0.07	0.01	7.26	6.72	6.33	5.99	5.6	5.12
2.31	3.63	4.72	3.69	3.42	0.99	7.02	6.5	6.13	5.81	5.43	4.98	4.43	3.75	2.97	2.11	1.29	0.63	0.24	0.07	0.01	7.27	6.72	6.33	5.99	5.6	5.12
2.21	3.64	4.72	3.69	3.43	0.98	7.03	6.5	6.13	5.81	5.43	4.98	4.43	3.75	2.97	2.11	1.29	0.63	0.24	0.07	0.01	7.29	6.71	6.33	5.99	5.59	5.12
2.14	3.63	4.69	3.61	3.45	0.98	7.04	6.49	6.12	5.8	5.43	4.98	4.42	3.75	2.97	2.11	1.29	0.64	0.24	0.07	0.01	7.29	6.7	6.31	5.97	5.58	5.11
2.03	3.63	4.72	3.67	3.46	0.98	7.03	6.48	6.11	5.79	5.42	4.97	4.42	3.75	2.97	2.12	1.29	0.64	0.24	0.07	0.01	7.27	6.68	6.29	5.96	5.56	5.09
2.04	3.63	4.72	3.66	3.42	0.97	7.02	6.47	6.09	5.78	5.41	4.96	4.41	3.74	2.97	2.12	1.3	0.64	0.24	0.07	0.01	7.25	6.66	6.27	5.94	5.55	5.08
2.17	3.65	4.68	3.68	3.44	0.97	7	6.45	6.08	5.77	5.4	4.95	4.41	3.74	2.97	2.13	1.3	0.64	0.24	0.07	0.01	7.21	6.64	6.25	5.92	5.53	5.07
1.83	3.65	4.72	3.67	3.44	0.97	6.98	6.45	6.07	5.76	5.39	4.95	4.41	3.74	2.97	2.13	1.31	0.64	0.24	0.07	0.01	7.18	6.62	6.23	5.9	5.52	5.06
0.93	3.64	4.71	3.7	3.43	0.97	6.97	6.45	6.07	5.76	5.39	4.96	4.42	3.75	2.98	2.14	1.31	0.64	0.24	0.07	0.01	7.16	6.61	6.22	5.89	5.51	5.05
1.4	3.65	4.74	3.67	3.43	0.97	6.97	6.45	6.08	5.77	5.41	4.97	4.43	3.76	2.99	2.14	1.31	0.65	0.24	0.07	0.01	7.15	6.61	6.22	5.89	5.51	5.06
1.67	3.64	4.73	3.69	3.45	0.97	6.98	6.47	6.1	5.79	5.43	4.99	4.44	3.78	3	2.14	1.31	0.64	0.24	0.07	0.01	7.15	6.62	6.23	5.9	5.52	5.07
1.29	3.65	4.71	3.67	3.42	0.97	7	6.5	6.13	5.82	5.45	5.01	4.47	3.8	3.01	2.15	1.31	0.64	0.24	0.07	0.01	7.16	6.63	6.24	5.92	5.54	5.08
1.19	3.65	4.72	3.66	3.43	0.97	7.03	6.53	6.16	5.85	5.48	5.04	4.49	3.82	3.03	2.16	1.31	0.64	0.24	0.07	0.02	7.17	6.64	6.26	5.94	5.56	5.1
1.94	3.65	4.71	3.65	3.42	0.96	7.07	6.55	6.19	5.88	5.51	5.07	4.52	3.84	3.04	2.17	1.32	0.64	0.24	0.07	0.02	7.19	6.66	6.28	5.95	5.57	5.12
1.89	3.62	4.71	3.68	3.35	0.96	7.1	6.58	6.22	5.91	5.54	5.1	4.54	3.86	3.06	2.17	1.32	0.65	0.24	0.07	0.02	7.2	6.66	6.29	5.97	5.59	5.13
0.8	3.64	4.71	3.68	3.38	0.96	7.13	6.6	6.25	5.93	5.57	5.12	4.57	3.88	3.08	2.19	1.33	0.65	0.25	0.07	0.02	7.22	6.67	6.3	5.98	5.6	5.14
1.82	3.65	4.72	3.68	3.41	0.96	7.15	6.62	6.27	5.96	5.59	5.14	4.59	3.9	3.09	2.2	1.34	0.65	0.25	0.07	0.02	7.22	6.67	6.31	5.99	5.61	5.15
1.79	3.69	4.71	3.65	3.45	0.97	7.18	6.64	6.3	5.98	5.61	5.16	4.61	3.92	3.11	2.21	1.35	0.66	0.25	0.07	0.02	7.24	6.68	6.33	6	5.62	5.16
1.93	3.67	4.71	3.64	3.44	0.97	7.22	6.67	6.33	6.01	5.64	5.19	4.63	3.94	3.13	2.23	1.36	0.67	0.26	0.08	0.02	7.26	6.7	6.35	6.01	5.63	5.18
2.01	3.65	4.69	3.65	3.48	0.97	7.27	6.71	6.37	6.04	5.67	5.21	4.65	3.96	3.14	2.24	1.37	0.67	0.26	0.08	0.02	7.3	6.73	6.38	6.04	5.66	5.2
2.1	3.66	4.73	3.64	3.46	0.97	7.33	6.76	6.41	6.08	5.7	5.24	4.68	3.98	3.16	2.25	1.38	0.68	0.27	0.08	0.02	7.35	6.77	6.41	6.07	5.69	5.22
2.2	3.66	4.72	3.66	3.47	0.98	7.39	6.81	6.46	6.12	5.74	5.28	4.71	4.01	3.18	2.27	1.39	0.69	0.27	0.08	0.02	7.41	6.82	6.46	6.11	5.72	5.25
2.13	3.74	4.73	3.63	3.46	0.98	7.45	6.86	6.51	6.16	5.77	5.31	4.73	4.03	3.19	2.28	1.39	0.69	0.27	0.08	0.02	7.47	6.87	6.5	6.15	5.76	5.28
2.12	3.67	4.71	3.68	3.44	0.99	7.5	6.91	6.55	6.2	5.8	5.33	4.75	4.05	3.21	2.29	1.4	0.7	0.28	0.08	0.01	7.52	6.91	6.55	6.19	5.79	5.31
1.93	3.66	4.71	3.67	3.45	1	7.54	6.94	6.58	6.23	5.83	5.36	4.77	4.06	3.22	2.3	1.41	0.7	0.28	0.08	0.01	7.57	6.95	6.58	6.23	5.82	5.34
1.81	3.63	4.73	3.68	3.42	1	7.57	6.97	6.6	6.25	5.85	5.38	4.79	4.07	3.23	2.31	1.41	0.71	0.28	0.08	0.01	7.6	6.99	6.61	6.26	5.85	5.37
1.72	3.65	4.72	3.67	3.43	1.01	7.58	6.98	6.61	6.27	5.86	5.39	4.8	4.09	3.24	2.31	1.42	0.71	0.28	0.08	0.01	7.63	7.02	6.64	6.29	5.88	5.39
1.7	3.64	4.72	3.68	3.46	1.02	7.58	6.99	6.62	6.28	5.87	5.4	4.81	4.09	3.25	2.32	1.42	0.71	0.28	0.08	0.01	7.65	7.04	6.66	6.31	5.9	5.42
2.19	3.68	4.71	3.68	3.48	1.02	7.58	7	6.63	6.28	5.88	5.41	4.82	4.1	3.26	2.33	1.43	0.71	0.28	0.08	0.01	7.67	7.07	6.69	6.34	5.93	5.44
2.4	3.68	4.73	3.68	3.48	1.03	7.58	7	6.63	6.29	5.89	5.41	4.83	4.11	3.26	2.33	1.43	0.72	0.28	0.08	0.01	7.69	7.1	6.72	6.37	5.96	5.47
2.5	3.67	4.74	3.66	3.46	1.04	7.58	7.01	6.64	6.3	5.9	5.42	4.84	4.11	3.27	2.33	1.43	0.72	0.28	0.08	0.01	7.72	7.13	6.76	6.4	5.99	5.5
1.85	3.68	4.72	3.66	3.45	1.04	7.57	7.02	6.65	6.31	5.91	5.43	4.84	4.12	3.27	2.33	1.43	0.72	0.28	0.08	0.01	7.76	7.18	6.8	6.44	6.03	5.53
1.21	3.66	4.73	3.65	3.45	1.05	7.57	7.03	6.66	6.31	5.91	5.43	4.85	4.12	3.27	2.34	1.43	0.72	0.28	0.08	0.01	7.8	7.23	6.84	6.49	6.07	5.57
1.52	3.66	4.74	3.7	3.46	1.05	7.56	7.04	6.66	6.32	5.92	5.44	4.85	4.13	3.28	2.34	1.43	0.72	0.28	0.09	0.02	7.83	7.28	6.89	6.53	6.11	5.61
1.85	3.68	4.71	3.68	3.44	1.05	7.55	7.04	6.66	6.32	5.92	5.44	4.85	4.13	3.28</												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.54	3.65	4.72	3.66	3.43	1.03	7.48	7.09	6.79	6.5	6.15	5.71	5.17	4.52	3.73	2.84	1.91	1.1	0.52	0.2	0.06	8.07	7.65	7.32	7	6.61	6.14
1.8	3.64	4.71	3.63	3.43	1.03	7.48	7.1	6.8	6.51	6.16	5.73	5.19	4.54	3.75	2.86	1.94	1.11	0.53	0.2	0.06	8.09	7.67	7.34	7.02	6.63	6.16
1.93	3.64	4.73	3.67	3.4	1.02	7.49	7.12	6.82	6.53	6.18	5.75	5.21	4.56	3.78	2.89	1.96	1.13	0.54	0.21	0.06	8.11	7.7	7.36	7.05	6.66	6.19
1.9	3.65	4.72	3.67	3.41	1.02	7.5	7.14	6.84	6.55	6.2	5.77	5.23	4.58	3.8	2.91	1.98	1.15	0.55	0.21	0.06	8.13	7.73	7.4	7.08	6.69	6.22
1.83	3.67	4.72	3.69	3.44	1.02	7.52	7.17	6.86	6.58	6.22	5.79	5.26	4.6	3.83	2.94	2	1.17	0.56	0.22	0.06	8.16	7.77	7.43	7.11	6.72	6.25
1.74	3.67	4.73	3.68	3.47	1.01	7.53	7.19	6.88	6.59	6.24	5.81	5.27	4.62	3.85	2.96	2.03	1.19	0.57	0.22	0.06	8.17	7.8	7.46	7.14	6.75	6.27
1.78	3.69	4.73	3.68	3.46	1.01	7.53	7.2	6.89	6.6	6.25	5.82	5.29	4.64	3.87	2.98	2.05	1.2	0.58	0.23	0.07	8.18	7.81	7.47	7.15	6.76	6.29
1.92	3.69	4.72	3.65	3.46	1.01	7.52	7.19	6.89	6.6	6.25	5.82	5.29	4.65	3.89	3.01	2.07	1.22	0.59	0.23	0.07	8.17	7.81	7.46	7.14	6.76	6.29
1.74	3.68	4.68	3.66	3.46	1	7.5	7.18	6.88	6.59	6.24	5.82	5.29	4.67	3.91	3.03	2.1	1.24	0.6	0.24	0.07	8.15	7.79	7.45	7.13	6.75	6.28
1.41	3.66	4.67	3.65	3.45	1	7.49	7.17	6.86	6.58	6.23	5.81	5.29	4.67	3.93	3.06	2.12	1.26	0.61	0.24	0.07	8.12	7.76	7.43	7.11	6.73	6.26
1.62	3.64	4.71	3.63	3.46	0.99	7.47	7.15	6.85	6.57	6.22	5.8	5.29	4.68	3.95	3.08	2.14	1.28	0.62	0.25	0.07	8.09	7.73	7.4	7.08	6.7	6.24
2.05	3.63	4.71	3.65	3.47	0.99	7.47	7.15	6.84	6.56	6.22	5.8	5.29	4.69	3.96	3.1	2.16	1.29	0.63	0.25	0.07	8.06	7.71	7.37	7.06	6.68	6.23
1.9	3.62	4.72	3.69	3.44	0.99	7.47	7.15	6.84	6.56	6.21	5.8	5.3	4.7	3.98	3.11	2.17	1.3	0.63	0.25	0.07	8.04	7.69	7.35	7.04	6.66	6.21
1.93	3.64	4.72	3.66	3.46	0.99	7.48	7.15	6.85	6.57	6.22	5.81	5.3	4.71	3.99	3.13	2.19	1.31	0.64	0.26	0.07	8.03	7.67	7.33	7.03	6.65	6.2
2.11	3.65	4.7	3.68	3.44	0.99	7.49	7.17	6.86	6.57	6.23	5.81	5.31	4.71	4	3.13	2.19	1.32	0.64	0.26	0.07	8.02	7.67	7.32	7.02	6.64	6.19
1.95	3.66	4.69	3.69	3.43	0.99	7.51	7.19	6.87	6.59	6.24	5.83	5.32	4.72	4	3.14	2.2	1.32	0.64	0.26	0.07	8.02	7.67	7.32	7.02	6.64	6.19
1.82	3.67	4.7	3.69	3.45	0.99	7.54	7.22	6.9	6.61	6.26	5.84	5.34	4.73	4.01	3.15	2.2	1.32	0.64	0.26	0.07	8.03	7.68	7.33	7.03	6.65	6.19
1.81	3.68	4.7	3.7	3.43	1	7.57	7.25	6.92	6.64	6.29	5.86	5.35	4.74	4.02	3.15	2.21	1.33	0.65	0.26	0.07	8.05	7.7	7.35	7.04	6.66	6.21
2.29	3.66	4.72	3.66	3.44	1.01	7.61	7.29	6.95	6.67	6.31	5.89	5.37	4.76	4.02	3.15	2.21	1.33	0.65	0.26	0.07	8.08	7.73	7.37	7.06	6.69	6.23
2.12	3.64	4.7	3.65	3.43	1.02	7.65	7.32	6.99	6.7	6.34	5.91	5.39	4.77	4.03	3.16	2.21	1.33	0.65	0.26	0.07	8.12	7.77	7.4	7.09	6.71	6.25
1.68	3.64	4.71	3.67	3.43	1.02	7.69	7.36	7.02	6.73	6.36	5.93	5.41	4.78	4.03	3.16	2.21	1.33	0.65	0.26	0.07	8.16	7.8	7.44	7.12	6.74	6.27
1.82	3.67	4.7	3.68	3.46	1.03	7.72	7.38	7.04	6.75	6.38	5.95	5.42	4.79	4.04	3.16	2.21	1.32	0.65	0.26	0.07	8.19	7.83	7.47	7.15	6.76	6.29
1.92	3.69	4.71	3.7	3.48	1.04	7.74	7.4	7.06	6.76	6.4	5.96	5.43	4.8	4.04	3.16	2.21	1.32	0.65	0.26	0.07	8.23	7.86	7.49	7.17	6.78	6.31
1.92	3.69	4.71	3.65	3.49	1.04	7.75	7.4	7.07	6.77	6.4	5.97	5.44	4.8	4.05	3.16	2.21	1.32	0.66	0.26	0.07	8.24	7.87	7.51	7.18	6.79	6.32
2	3.67	4.71	3.69	3.46	1.05	7.75	7.4	7.06	6.77	6.4	5.96	5.44	4.81	4.05	3.17	2.21	1.33	0.66	0.26	0.07	8.26	7.87	7.51	7.19	6.8	6.33
1.8	3.64	4.73	3.69	3.46	1.05	7.74	7.38	7.05	6.75	6.39	5.96	5.43	4.8	4.05	3.17	2.21	1.33	0.66	0.26	0.07	8.26	7.87	7.51	7.19	6.8	6.33
1.73	3.64	4.7	3.69	3.43	1.05	7.72	7.36	7.03	6.74	6.38	5.94	5.42	4.8	4.05	3.18	2.22	1.33	0.66	0.26	0.07	8.25	7.86	7.51	7.18	6.8	6.33
0.79	3.66	4.69	3.67	3.42	1.05	7.71	7.34	7.01	6.72	6.36	5.93	5.41	4.79	4.05	3.18	2.22	1.33	0.66	0.26	0.07	8.26	7.86	7.51	7.19	6.8	6.33
1.67	3.67	4.72	3.68	3.45	1.05	7.69	7.32	7	6.7	6.34	5.92	5.4	4.79	4.05	3.19	2.23	1.34	0.67	0.26	0.07	8.27	7.86	7.51	7.19	6.8	6.34
0.75	3.68	4.71	3.7	3.44	1.05	7.67	7.3	6.98	6.69	6.33	5.9	5.39	4.78	4.05	3.19	2.23	1.34	0.67	0.26	0.07	8.28	7.88	7.52	7.2	6.81	6.35
1.38	3.65	4.71	3.7	3.46	1.05	7.65	7.29	6.97	6.67	6.31	5.89	5.38	4.77	4.05	3.19	2.23	1.34	0.67	0.27	0.07	8.29	7.89	7.54	7.21	6.82	6.35
1.92	3.68	4.7	3.67	3.42	1.05	7.62	7.27	6.95	6.66	6.3	5.87	5.36	4.76	4.05	3.19	2.24	1.34	0.67	0.27	0.07	8.29	7.9	7.55	7.22	6.83	6.36
2.06	3.67	4.7	3.7	3.48	1.05	7.59	7.25	6.93	6.64	6.28	5.86	5.35	4.75	4.04	3.19	2.24	1.34	0.67	0.27	0.07	8.3	7.91	7.56	7.23	6.84	6.37
1.97	3.67	4.69	3.68	3.45	1.05	7.56	7.22	6.91	6.61	6.26	5.84	5.33	4.74	4.04	3.19	2.24	1.35	0.67	0.27	0.07	8.29	7.92	7.57	7.23	6.84	6.37
1.63	3.69	4.72	3.67	3.45	1.04	7.52	7.19	6.88	6.58	6.23	5.81	5.31	4.73	4.03	3.19	2.25	1.35	0.67	0.27	0.07	8.27	7.91	7.56	7.23	6.83	6.37
1.95	3.67	4.7	3.7	3.45	1.03	7.47	7.15	6.85	6.55	6.2	5.79	5.29	4.72	4.03	3.19	2.25	1.36	0.68	0.27	0.07	8.25	7.89	7.55	7.22	6.83	6.36
2.05	3.67	4.72	3.7	3.42	1.03	7.43	7.11	6.81	6.52	6.17	5.76	5.27	4.7	4.02	3.19	2.26	1.36	0.68	0.27	0.07	8.23	7.87	7.53	7.2	6.81	6.35
2.14	3.67	4.7	3.66	3.42	1.02	7.39	7.08	6.78	6.49	6.15	5.74	5.26	4.69	4.01	3.19	2.26	1.37	0.68	0.27	0.07	8.21	7.85	7.51	7.19	6.8	6.34
2	3.64	4.71	3.67	3.44	1.01	7.36	7.05	6.75	6.47	6.12	5.72	5.24	4.68	4	3.18	2.26	1.37	0.68	0.27	0.07	8.19	7.83	7.5	7.18	6.79	6.34
2.15	3.65	4.72	3.7	3.43	1.01	7.35	7.03	6.74	6.45	6.11	5.71	5.23	4.67	4	3.18	2.26	1.37	0.68	0.28	0.08	8.18	7.82	7.49	7.17	6.79	6.33
2.21	3.64	4.73	3.64	3.42	1	7.34	7.01	6.72	6.44	6.1	5.7	5.22	4.66	3.99	3.17	2.26	1.37	0.68	0.28	0.08	8.18	7.82	7.49	7.17	6.78	6.33
2.29	3.67	4.71	3.68	3.42	1	7.33	7.01	6.71	6.43	6.09	5.7	5.22	4.66	3.99	3.17	2.25	1.37	0.69	0.28	0.08	8.19	7.82	7.49	7.17	6.79	6.34
2.3	3.67	4.71	3.68	3.43	0.99	7.33	7	6.71	6.43	6.09	5.69	5.22	4.66	3.98	3.16	2.25	1.37	0.69	0.28	0.08	8.19	7.82	7.49	7.17	6.79	6.34
2.2	3.65	4.72	3.68	3.44	0.99	7.32	7	6.7	6.42	6.09	5.69	5.22	4.66	3.98	3.16	2.24	1.37	0.68	0.28	0.08	8.18	7.82	7.48	7.16	6.79	6.34
1.59	3.66	4.71	3.71	3.43	0.99	7.32	6.99	6.7	6.42	6.09	5.69	5.22	4.65	3.97	3.15	2.23	1.36	0.68	0.28	0.08	8.17	7.81	7.47	7.15	6.78	6.33

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.01	2.14	1.37	0.77	0.37	0.14	0.03	0.009	0.001	0	2.28	2.22	3.75	4.06	3.64	3.64	0.94
2.97	2.12	1.36	0.77	0.37	0.14	0.03	0.009	0.001	0	1.67	2.42	3.73	4.08	3.65	3.6	0.94
2.94	2.09	1.34	0.76	0.37	0.14	0.03	0.009	0.001	0	2.16	2.43	3.73	4.09	3.65	3.64	0.94
2.91	2.07	1.33	0.76	0.36	0.14	0.03	0.009	0.001	0	1.98	2.27	3.73	4.1	3.63	3.64	0.94
2.88	2.05	1.32	0.75	0.36	0.14	0.03	0.009	0.001	0	1.96	2.22	3.74	4.05	3.63	3.64	0.94
2.85	2.03	1.31	0.75	0.36	0.14	0.03	0.009	0.001	0	2.41	2.42	3.75	4.06	3.64	3.69	0.95
2.83	2.02	1.31	0.74	0.36	0.13	0.04	0.009	0.001	0	1.93	2.42	3.75	4.09	3.66	3.69	0.95
2.82	2.01	1.3	0.74	0.36	0.13	0.04	0.009	0.001	0	2.53	2.44	3.74	4.08	3.61	3.67	0.95
2.81	2	1.29	0.74	0.35	0.13	0.03	0.009	0.001	0	2.39	2.27	3.73	4.05	3.61	3.63	0.96
2.81	1.99	1.29	0.73	0.35	0.13	0.03	0.009	0.001	0	1.88	2.27	3.75	4.03	3.65	3.64	0.96
2.81	1.99	1.28	0.73	0.35	0.13	0.03	0.008	0.002	0	2.48	2.45	3.76	4	3.67	3.63	0.97
2.81	1.99	1.28	0.72	0.34	0.13	0.03	0.008	0.002	0	1.98	2.36	3.75	4	3.65	3.63	0.97
2.82	1.99	1.27	0.72	0.34	0.12	0.03	0.007	0.003	0	2.34	2.24	3.72	4.02	3.67	3.66	0.97
2.83	1.99	1.27	0.71	0.34	0.12	0.03	0.006	0.003	0	2.38	2.12	3.74	4.02	3.63	3.6	0.98
2.84	2	1.27	0.71	0.33	0.11	0.03	0.006	0.004	0	2.05	2.21	3.75	3.96	3.62	3.58	0.98
2.85	2	1.27	0.71	0.33	0.11	0.02	0.005	0.004	0	2.17	2.38	3.75	3.86	3.62	3.59	0.98
2.86	2	1.26	0.7	0.32	0.11	0.02	0.004	0.004	0	2.39	2.24	3.76	3.8	3.65	3.61	0.98
2.86	2.01	1.26	0.7	0.32	0.11	0.02	0.004	0.004	0	2.26	2.46	3.76	3.81	3.64	3.59	0.98
2.87	2.01	1.26	0.69	0.31	0.11	0.02	0.003	0.004	0	2	2.39	3.75	3.82	3.62	3.6	0.98
2.87	2.01	1.26	0.69	0.31	0.11	0.02	0.003	0.004	0	1.82	2.01	3.74	3.82	3.62	3.6	0.98
2.88	2.01	1.26	0.68	0.3	0.11	0.02	0.003	0.004	0	2.2	2.38	3.73	3.85	3.61	3.58	0.98
2.88	2.02	1.26	0.68	0.3	0.11	0.02	0.002	0.004	0	2.24	2.29	3.72	3.85	3.61	3.59	0.99
2.89	2.02	1.26	0.68	0.3	0.1	0.02	0.002	0.004	0	1.92	2.27	3.74	3.81	3.62	3.56	0.99
2.9	2.03	1.26	0.68	0.3	0.1	0.02	0.002	0.003	0	1.98	2.36	3.75	3.89	3.62	3.56	0.99
2.91	2.04	1.26	0.67	0.3	0.1	0.02	0.002	0.003	0	2.19	1.96	3.76	4	3.62	3.6	0.99
2.93	2.04	1.26	0.67	0.3	0.1	0.02	0.002	0.002	0	2.03	1.76	3.76	4.03	3.62	3.59	0.98
2.94	2.05	1.27	0.67	0.3	0.1	0.02	0.004	0.002	0	1.94	2.16	3.75	4.01	3.64	3.61	0.98
2.95	2.06	1.27	0.67	0.3	0.11	0.03	0.006	0.004	0	1.91	2.22	3.75	3.98	3.61	3.6	0.98
2.95	2.07	1.28	0.68	0.3	0.11	0.03	0.009	0.005	0	1.81	2.06	3.76	4.01	3.6	3.56	0.98
2.95	2.07	1.28	0.68	0.3	0.11	0.03	0.01	0.006	0	2.18	2.04	3.76	4.11	3.6	3.59	0.97
2.94	2.07	1.28	0.68	0.31	0.11	0.03	0.01	0.006	0	2.17	2.38	3.74	4.15	3.6	3.6	0.97
2.94	2.07	1.29	0.68	0.31	0.11	0.03	0.01	0.006	0	1.99	2.57	3.74	4.16	3.61	3.61	0.96
2.94	2.07	1.29	0.69	0.31	0.12	0.03	0.01	0.006	0	2.11	2.26	3.73	4.18	3.59	3.63	0.96
2.94	2.08	1.29	0.69	0.31	0.11	0.03	0.01	0.006	0	2.34	2.45	3.73	4.2	3.61	3.62	0.95
2.94	2.08	1.29	0.68	0.31	0.11	0.03	0.01	0.006	0	2.39	2.48	3.74	4.18	3.63	3.64	0.95
2.94	2.08	1.29	0.68	0.3	0.11	0.03	0.01	0.005	0	2.19	2.38	3.74	4.22	3.61	3.64	0.95
2.95	2.08	1.28	0.67	0.29	0.1	0.03	0.01	0.004	0	1.84	2.46	3.74	4.2	3.61	3.64	0.95
2.94	2.07	1.28	0.66	0.28	0.09	0.02	0.007	0.001	0	2.24	2.39	3.75	4.23	3.62	3.63	0.95
2.92	2.06	1.26	0.65	0.27	0.09	0.02	0.003	-0.001	0	2.35	2.37	3.75	4.24	3.59	3.61	0.94
2.9	2.04	1.25	0.64	0.27	0.08	0.01	0.003	0	0	2.38	2.32	3.75	4.3	3.61	3.6	0.94
2.87	2.02	1.24	0.63	0.27	0.08	0.01	0.003	0	0	1.9	2.44	3.75	4.34	3.64	3.65	0.94
2.83	1.99	1.22	0.63	0.26	0.08	0.01	0.003	0	0	2.1	2.46	3.75	4.36	3.64	3.69	0.94
2.79	1.97	1.21	0.62	0.26	0.08	0.01	0.003	0	0	2.34	2.49	3.72	4.39	3.59	3.67	0.94
2.76	1.94	1.19	0.62	0.26	0.08	0.01	0.003	0	0	2.19	2.56	3.72	4.36	3.62	3.64	0.94
2.72	1.92	1.18	0.62	0.26	0.08	0.01	0.003	0	0	2.04	2.46	3.72	4.31	3.6	3.63	0.94
2.7	1.9	1.17	0.61	0.26	0.09	0.01	0.003	0	0	2.07	2.23	3.72	4.24	3.59	3.61	0.94
2.69	1.88	1.16	0.61	0.26	0.08	0.01	0.003	0	0	2.02	2.39	3.71	4.24	3.6	3.6	0.94
2.68	1.87	1.14	0.6	0.26	0.08	0.01	0.003	0.001	0	1.95	2.41	3.74	4.21	3.59	3.65	0.95
2.67	1.85	1.13	0.59	0.25	0.08	0.01	0.002	0.001	0	1.78	2.36	3.74	4.25	3.6	3.63	0.95
2.66	1.84	1.12	0.59	0.25	0.08	0.01	0.002	0.002	0	2.02	2.22	3.74	4.24	3.62	3.62	0.95
2.64	1.82	1.11	0.58	0.25	0.08	0.01	0.002	0.002	0	2.09	2.41	3.77	4.23	3.6	3.63	0.96
2.63	1.8	1.09	0.57	0.25	0.08	0.01	0.002	0.002	0	2.04	2.48	3.75	4.25	3.61	3.64	0.96
2.6	1.78	1.08	0.57	0.24	0.08	0.01	0.002	0.002	0	2.15	2.58	3.76	4.25	3.64	3.64	0.96
2.57	1.75	1.07	0.56	0.24	0.08	0.01	0.002	0.002	0	2.21	2.44	3.76	4.25	3.62	3.6	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.54	1.73	1.05	0.56	0.24	0.07	0.01	0.002	0.002	0	1.79	2.34	3.75	4.17	3.62	3.62	0.97
2.51	1.71	1.04	0.55	0.24	0.07	0.01	0.003	0.002	0	2.04	2.31	3.72	4.09	3.61	3.57	0.97
2.48	1.69	1.03	0.55	0.24	0.07	0.01	0.003	0.002	0	2.08	2.53	3.71	4.06	3.58	3.59	0.96
2.46	1.67	1.02	0.54	0.24	0.07	0.01	0.003	0.002	0	1.75	2.62	3.73	4.06	3.59	3.59	0.96
2.44	1.65	1.01	0.54	0.23	0.07	0.01	0.002	0.002	0	2.06	2.47	3.73	4.1	3.6	3.57	0.96
2.42	1.64	1	0.53	0.23	0.07	0.01	0.002	0.002	0	2.14	2.17	3.74	4.04	3.62	3.58	0.96
2.39	1.62	0.99	0.52	0.23	0.07	0.01	0.002	0.002	0	1.82	2.15	3.74	3.96	3.61	3.6	0.95
2.37	1.6	0.98	0.52	0.22	0.07	0.01	0.002	0.001	0	1.83	2.12	3.75	3.85	3.61	3.58	0.95
2.35	1.59	0.97	0.51	0.22	0.07	0.01	0.003	0.001	0	2.17	2.15	3.73	3.84	3.62	3.59	0.95
2.32	1.57	0.96	0.51	0.22	0.07	0.01	0.003	0.001	0	1.87	2.05	3.73	3.91	3.6	3.6	0.95
2.3	1.56	0.95	0.5	0.22	0.07	0.01	0.003	0.001	0	1.58	2.37	3.71	3.99	3.61	3.6	0.95
2.28	1.54	0.94	0.5	0.22	0.07	0.01	0.003	0.001	0	1.98	2.3	3.71	4.07	3.61	3.6	0.94
2.27	1.53	0.93	0.49	0.22	0.07	0.01	0.003	0.001	0	2.56	2.39	3.71	4.1	3.6	3.59	0.94
2.26	1.52	0.92	0.48	0.21	0.07	0.01	0.003	0.001	0	2.72	2.3	3.7	4.1	3.59	3.63	0.94
2.26	1.51	0.91	0.48	0.21	0.07	0.01	0.002	0.002	0	2.35	2.02	3.72	3.97	3.62	3.59	0.94
2.25	1.5	0.9	0.47	0.2	0.07	0.01	0.002	0.002	0	2.25	2.21	3.74	3.9	3.63	3.59	0.94
2.24	1.49	0.88	0.46	0.2	0.06	0.01	0.002	0.002	0	2.7	2.29	3.75	4	3.64	3.59	0.94
2.22	1.47	0.87	0.45	0.19	0.06	0.01	0.002	0.002	0	2.74	2.35	3.76	4.03	3.66	3.61	0.95
2.2	1.46	0.86	0.44	0.19	0.06	0.01	0.003	0.001	0	2.61	2.35	3.76	3.98	3.67	3.63	0.95
2.17	1.44	0.85	0.44	0.19	0.06	0.01	0.003	0.001	0	2.05	2.3	3.73	3.88	3.64	3.62	0.95
2.15	1.42	0.84	0.43	0.19	0.06	0.01	0.004	0	0	2.41	2.06	3.72	3.97	3.64	3.64	0.95
2.12	1.4	0.83	0.43	0.19	0.06	0.01	0.005	-0.001	0	2.76	2.3	3.7	4.11	3.62	3.63	0.95
2.11	1.39	0.82	0.42	0.18	0.06	0.01	0.005	-0.001	0	2.8	2.37	3.71	4.07	3.61	3.62	0.96
2.1	1.38	0.81	0.42	0.18	0.06	0.01	0.005	-0.001	0	2.57	1.96	3.7	4.07	3.61	3.61	0.96
2.1	1.37	0.81	0.42	0.18	0.06	0.01	0.005	-0.001	0	1.79	1.83	3.73	3.91	3.62	3.61	0.97
2.12	1.38	0.8	0.41	0.18	0.06	0.01	0.004	0	0	2.57	1.97	3.74	3.85	3.63	3.6	0.97
2.13	1.38	0.8	0.41	0.17	0.05	0.01	0.004	0	0	2.58	2.05	3.77	3.96	3.66	3.59	0.98
2.15	1.38	0.8	0.4	0.17	0.05	0.01	0.003	0.001	0	2.33	2.26	3.76	3.98	3.66	3.59	0.98
2.17	1.39	0.8	0.4	0.17	0.05	0.01	0.003	0.001	0	1.96	2.27	3.76	3.95	3.66	3.6	0.99
2.19	1.4	0.8	0.4	0.17	0.05	0.01	0.003	0.002	0	1.78	2.45	3.75	3.9	3.63	3.6	0.99
2.21	1.41	0.8	0.4	0.17	0.05	0.01	0.003	0.002	0	2.17	2.48	3.75	3.86	3.64	3.6	1
2.23	1.42	0.8	0.4	0.17	0.05	0.01	0.003	0.002	0	1.78	2.36	3.75	3.84	3.64	3.61	1
2.25	1.43	0.81	0.41	0.17	0.06	0.01	0.003	0.002	0	1.74	2.24	3.74	3.89	3.63	3.58	1
2.27	1.44	0.82	0.41	0.17	0.06	0.01	0.003	0.002	0	1.81	2.09	3.74	3.93	3.63	3.6	1
2.3	1.46	0.82	0.41	0.18	0.06	0.01	0.003	0.002	0	1.67	2.14	3.74	3.94	3.62	3.57	1
2.32	1.47	0.83	0.42	0.18	0.06	0.01	0.004	0.002	0	1.93	2.06	3.74	3.97	3.6	3.57	1
2.35	1.49	0.83	0.42	0.18	0.06	0.01	0.004	0.002	0	1.69	2.19	3.73	4.02	3.6	3.59	0.99
2.37	1.5	0.84	0.42	0.18	0.06	0.01	0.004	0.002	0	2.11	2.41	3.74	4.08	3.6	3.58	0.99
2.38	1.51	0.84	0.42	0.18	0.06	0.01	0.003	0.002	0	1.78	2.36	3.74	4.14	3.6	3.59	0.99
2.4	1.51	0.85	0.43	0.18	0.06	0.01	0.003	0.002	0	1.56	2.53	3.74	4.09	3.6	3.6	0.98
2.4	1.52	0.85	0.43	0.18	0.06	0.01	0.003	0.002	0	1.78	2.25	3.72	4.12	3.61	3.57	0.98
2.41	1.52	0.86	0.43	0.19	0.06	0.01	0.003	0.002	0	1.48	2.12	3.73	4.11	3.62	3.55	0.98
2.41	1.53	0.87	0.44	0.19	0.06	0.01	0.003	0.003	0	1.52	2.47	3.73	4.12	3.61	3.57	0.97
2.41	1.53	0.87	0.44	0.19	0.06	0.01	0.002	0.003	0	1.82	2.53	3.73	4.15	3.6	3.58	0.97
2.41	1.54	0.88	0.45	0.19	0.06	0.01	0.002	0.003	0	1.84	2.6	3.73	4.17	3.62	3.61	0.97
2.41	1.54	0.89	0.45	0.2	0.06	0.01	0.002	0.003	0	1.76	2.4	3.72	4.17	3.61	3.61	0.97
2.41	1.55	0.9	0.46	0.2	0.06	0.01	0.002	0.003	0	1.52	2.16	3.73	4.2	3.61	3.6	0.97
2.42	1.56	0.91	0.47	0.2	0.07	0.01	0.002	0.003	0	2.02	2.34	3.74	4.17	3.6	3.6	0.97
2.42	1.57	0.92	0.48	0.21	0.07	0.01	0.002	0.003	0	2.04	2.39	3.74	4.2	3.6	3.61	0.97
2.44	1.58	0.93	0.48	0.21	0.07	0.01	0.002	0.002	0	2.15	2.38	3.75	4.24	3.6	3.61	0.98
2.46	1.6	0.95	0.49	0.21	0.07	0.01	0.002	0.002	0	2.35	2.35	3.75	4.25	3.61	3.59	0.98
2.48	1.62	0.96	0.5	0.22	0.07	0.01	0.003	0.002	0	1.7	2.51	3.74	4.27	3.6	3.62	0.98
2.51	1.65	0.98	0.51	0.22	0.08	0.01	0.003	0.002	0	1.86	2.34	3.73	4.22	3.61	3.64	0.98
2.53	1.67	0.99	0.52	0.23	0.08	0.01	0.003	0.002	0	1.52	2.2	3.74	4.2	3.59	3.61	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.57	1.7	1.01	0.53	0.23	0.08	0.01	0.003	0.002	0	1.74	2.18	3.74	4.11	3.61	3.58	0.99
2.59	1.72	1.03	0.54	0.23	0.08	0.01	0.003	0.002	0	1.78	2.24	3.74	4.14	3.61	3.58	0.99
2.62	1.74	1.04	0.54	0.23	0.08	0.01	0.002	0.002	0	1.96	2.37	3.72	4.1	3.6	3.6	0.99
2.65	1.76	1.05	0.54	0.23	0.08	0.01	0.002	0.002	0	1.97	2.52	3.74	4.18	3.6	3.59	0.99
2.67	1.78	1.06	0.55	0.23	0.08	0.01	0.002	0.002	0	2.14	2.38	3.74	4.17	3.61	3.62	0.99
2.68	1.79	1.06	0.55	0.23	0.08	0.01	0.002	0.002	0	2.03	2.26	3.74	4.14	3.6	3.59	0.99
2.7	1.8	1.07	0.55	0.24	0.07	0.01	0.002	0.002	0	1.42	2.35	3.73	4.12	3.62	3.59	0.99
2.71	1.81	1.07	0.56	0.24	0.07	0.01	0.002	0.002	0	1.66	2.31	3.73	4.01	3.62	3.59	0.99
2.71	1.81	1.08	0.56	0.24	0.07	0.01	0.003	0.002	0	1.99	2.38	3.73	4	3.62	3.58	0.99
2.71	1.82	1.08	0.56	0.24	0.08	0.01	0.003	0.002	0	1.86	2.49	3.73	4.01	3.6	3.59	0.99
2.71	1.82	1.08	0.56	0.24	0.08	0.01	0.003	0.002	0	2.3	2.47	3.74	4.03	3.6	3.58	1
2.71	1.82	1.09	0.57	0.25	0.08	0.01	0.004	0.001	0	2.21	2.51	3.75	4.08	3.6	3.57	1
2.7	1.81	1.09	0.57	0.25	0.08	0.02	0.004	0.001	0	1.89	2.42	3.75	4.05	3.59	3.58	1
2.69	1.81	1.09	0.57	0.25	0.08	0.02	0.005	0	0	1.6	2.38	3.74	4	3.6	3.58	1
2.69	1.81	1.09	0.58	0.26	0.08	0.02	0.006	-0.001	0	2.02	2.36	3.74	4	3.61	3.58	1
2.68	1.82	1.1	0.58	0.26	0.09	0.02	0.007	-0.001	0	1.75	2.2	3.74	3.98	3.61	3.57	1
2.69	1.82	1.11	0.59	0.27	0.09	0.02	0.01	0.001	0	1.64	2.2	3.74	3.98	3.61	3.59	1
2.69	1.84	1.12	0.6	0.27	0.09	0.03	0.01	0.002	0	1.52	2.34	3.74	3.99	3.62	3.59	1
2.71	1.85	1.14	0.61	0.27	0.1	0.03	0.01	0.003	0	1.53	2.26	3.76	3.99	3.61	3.57	1
2.73	1.88	1.15	0.62	0.28	0.1	0.03	0.01	0.003	0	1.87	2.2	3.75	3.97	3.6	3.56	1
2.76	1.9	1.17	0.62	0.28	0.1	0.03	0.01	0.003	0	2	2.39	3.75	3.91	3.62	3.54	1
2.8	1.94	1.19	0.63	0.28	0.09	0.03	0.01	0.002	0	1.62	2.37	3.74	3.88	3.6	3.56	1
2.85	1.97	1.22	0.64	0.28	0.09	0.02	0.008	0.001	0	1.95	2.28	3.73	3.86	3.6	3.57	1
2.89	2.01	1.24	0.65	0.28	0.09	0.02	0.007	0	0	1.71	2.41	3.75	3.87	3.62	3.56	1
2.94	2.05	1.27	0.66	0.28	0.09	0.02	0.006	0	0	1.62	2.43	3.74	3.89	3.6	3.56	1
2.99	2.09	1.29	0.67	0.28	0.09	0.02	0.005	0	0	1.93	2.4	3.74	3.94	3.61	3.59	1
3.03	2.13	1.31	0.68	0.28	0.09	0.02	0.004	-0.001	0	1.89	2.43	3.75	3.97	3.6	3.6	1
3.06	2.16	1.33	0.69	0.28	0.09	0.02	0.004	-0.001	0	1.99	2.33	3.75	3.95	3.62	3.59	1
3.09	2.18	1.35	0.7	0.29	0.09	0.01	0.004	-0.001	0	1.9	2.09	3.75	3.86	3.6	3.58	1
3.11	2.2	1.36	0.7	0.29	0.09	0.02	0.004	-0.001	0	1.86	2.36	3.73	3.82	3.62	3.57	1
3.12	2.21	1.37	0.71	0.29	0.09	0.02	0.004	-0.001	0	2.21	2.67	3.74	3.79	3.61	3.6	1
3.12	2.22	1.38	0.71	0.29	0.09	0.02	0.005	-0.001	0	2.19	2.61	3.74	3.79	3.61	3.58	1
3.12	2.22	1.38	0.72	0.3	0.09	0.02	0.005	0	0	1.37	2.56	3.74	3.81	3.61	3.57	1
3.12	2.22	1.38	0.72	0.3	0.09	0.02	0.006	0	0	1.83	2.54	3.74	3.86	3.61	3.57	1
3.12	2.22	1.38	0.72	0.3	0.09	0.02	0.006	0	0	1.91	2.54	3.74	3.91	3.62	3.57	1
3.13	2.22	1.38	0.72	0.3	0.09	0.02	0.006	0	0	1.93	2.59	3.75	3.92	3.63	3.58	1
3.13	2.22	1.38	0.71	0.3	0.09	0.02	0.006	0	0	2.35	2.5	3.75	3.98	3.63	3.59	1
3.14	2.22	1.37	0.71	0.3	0.09	0.02	0.006	0.001	0	2.02	2.42	3.76	3.97	3.62	3.58	1
3.15	2.22	1.37	0.71	0.3	0.09	0.02	0.006	0.002	0	1.85	2.43	3.75	3.92	3.6	3.61	1
3.16	2.22	1.37	0.7	0.3	0.09	0.02	0.007	0.002	0	2.04	2.43	3.74	3.86	3.6	3.6	1
3.16	2.22	1.36	0.7	0.29	0.09	0.02	0.007	0.003	0	2.15	2.48	3.72	3.81	3.62	3.57	1
3.17	2.22	1.36	0.7	0.29	0.09	0.02	0.006	0.003	0	2	2.18	3.73	3.82	3.62	3.57	1
3.17	2.22	1.35	0.69	0.29	0.1	0.02	0.006	0.003	0	1.62	2.27	3.75	3.89	3.62	3.56	1
3.17	2.21	1.35	0.69	0.29	0.1	0.02	0.007	0.004	0	1.95	2.25	3.75	3.97	3.64	3.58	1
3.16	2.2	1.34	0.69	0.29	0.1	0.02	0.007	0.004	0	2.19	2.44	3.74	4.03	3.62	3.59	1
3.15	2.2	1.33	0.69	0.29	0.1	0.02	0.008	0.005	0	1.87	2.2	3.74	4.02	3.61	3.59	1.01
3.14	2.19	1.33	0.69	0.29	0.1	0.03	0.008	0.005	0	2.12	2.21	3.76	4.03	3.64	3.59	1.01
3.12	2.17	1.32	0.69	0.29	0.1	0.03	0.009	0.005	0	1.77	2.53	3.76	4	3.63	3.57	1.01
3.11	2.16	1.32	0.69	0.3	0.1	0.03	0.01	0.005	0	1.52	2.58	3.75	3.92	3.61	3.55	1.01
3.09	2.15	1.31	0.68	0.3	0.1	0.03	0.01	0.005	0	2.01	2.49	3.74	3.86	3.61	3.56	1.01
3.08	2.14	1.3	0.68	0.3	0.1	0.03	0.01	0.004	0	2.04	2.3	3.73	3.81	3.63	3.58	1.01
3.06	2.13	1.3	0.68	0.3	0.1	0.02	0.009	0.004	0	1.63	2.26	3.75	3.87	3.62	3.58	1.01
3.05	2.12	1.3	0.68	0.3	0.1	0.02	0.008	0.003	0	1.74	2.31	3.76	3.92	3.62	3.58	1.01
3.05	2.12	1.29	0.68	0.3	0.1	0.02	0.008	0.003	0	2.1	2.32	3.76	3.93	3.62	3.57	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.05	2.12	1.3	0.68	0.3	0.1	0.02	0.007	0.002	0	2.02	2.23	3.75	3.99	3.64	3.58	1
3.05	2.12	1.3	0.68	0.3	0.1	0.02	0.007	0.002	0	2.05	2.26	3.74	3.96	3.63	3.6	1
3.06	2.13	1.31	0.68	0.3	0.1	0.02	0.008	0.002	0	1.76	2.47	3.73	3.91	3.61	3.57	1
3.07	2.14	1.32	0.69	0.3	0.1	0.02	0.008	0.003	0	1.93	2.4	3.74	3.9	3.61	3.57	1
3.09	2.16	1.33	0.7	0.31	0.11	0.03	0.01	0.004	0	2.23	2.43	3.74	3.94	3.63	3.58	1
3.11	2.18	1.34	0.7	0.31	0.11	0.03	0.01	0.005	0	1.9	2.45	3.76	3.92	3.61	3.58	1
3.13	2.2	1.36	0.71	0.31	0.11	0.03	0.01	0.007	0	2.1	2.45	3.73	3.95	3.63	3.58	1
3.15	2.22	1.37	0.72	0.31	0.11	0.03	0.01	0.008	0	2.12	2.46	3.74	3.95	3.61	3.58	1
3.18	2.25	1.38	0.72	0.31	0.11	0.03	0.01	0.009	0	1.72	2.2	3.74	4	3.61	3.57	1
3.2	2.27	1.4	0.72	0.31	0.11	0.03	0.01	0.009	0	1.88	1.88	3.75	4	3.63	3.56	1
3.22	2.28	1.41	0.72	0.3	0.11	0.03	0.01	0.009	0	1.9	2.06	3.76	3.96	3.62	3.58	1
3.23	2.3	1.41	0.73	0.3	0.1	0.03	0.01	0.008	0	1.38	2.41	3.74	3.93	3.61	3.61	1
3.25	2.31	1.42	0.73	0.3	0.1	0.03	0.01	0.009	0	1.97	2.31	3.74	3.84	3.63	3.58	1
3.26	2.32	1.43	0.73	0.3	0.1	0.03	0.01	0.009	0	2.24	2.44	3.75	3.84	3.61	3.6	1
3.26	2.32	1.43	0.73	0.3	0.1	0.03	0.01	0.01	0	1.81	2.49	3.74	3.87	3.63	3.58	1
3.26	2.32	1.43	0.73	0.3	0.11	0.04	0.01	0.01	0	1.78	2.31	3.74	3.92	3.6	3.58	1
3.26	2.32	1.43	0.73	0.31	0.11	0.04	0.01	0.01	0	1.94	1.9	3.74	3.96	3.61	3.59	1
3.26	2.32	1.43	0.74	0.31	0.11	0.04	0.01	0.01	0	2.05	2.13	3.73	3.99	3.63	3.56	1
3.26	2.31	1.43	0.74	0.31	0.11	0.04	0.02	0.01	0	1.94	2.31	3.75	3.99	3.62	3.58	1
3.26	2.31	1.42	0.74	0.31	0.12	0.04	0.02	0.01	0	1.9	2.37	3.74	3.93	3.62	3.57	1
3.25	2.3	1.42	0.74	0.31	0.12	0.04	0.02	0.01	0	2.06	2.45	3.74	3.9	3.61	3.57	1
3.25	2.29	1.41	0.74	0.31	0.12	0.04	0.02	0.01	0	1.84	2.51	3.74	3.95	3.63	3.58	1
3.24	2.29	1.41	0.73	0.31	0.12	0.04	0.02	0.01	0	1.9	2.35	3.75	4	3.62	3.56	1
3.24	2.28	1.4	0.73	0.31	0.12	0.04	0.02	0.01	0	1.83	2.44	3.75	3.97	3.63	3.58	1
3.24	2.27	1.39	0.72	0.31	0.12	0.04	0.02	0.01	0	1.93	2.46	3.73	3.91	3.61	3.57	1
3.23	2.27	1.39	0.72	0.31	0.12	0.04	0.02	0.01	0	1.78	2.45	3.74	3.92	3.62	3.58	1.01
3.24	2.26	1.38	0.71	0.31	0.11	0.04	0.02	0.01	0	1.89	2.44	3.74	3.97	3.61	3.6	1.01
3.24	2.26	1.37	0.71	0.3	0.11	0.04	0.01	0.009	0	1.49	2.38	3.75	3.98	3.62	3.56	1.01
3.24	2.25	1.36	0.7	0.3	0.11	0.04	0.01	0.009	0	1.87	2.46	3.76	3.97	3.61	3.56	1.01
3.23	2.24	1.35	0.69	0.29	0.11	0.03	0.01	0.008	0	1.61	2.48	3.75	3.99	3.62	3.58	1.01
3.23	2.23	1.34	0.68	0.29	0.11	0.03	0.01	0.008	0	2.11	2.39	3.75	4.06	3.61	3.58	1.01
3.22	2.21	1.32	0.67	0.28	0.1	0.03	0.01	0.007	0	1.93	2.42	3.75	4.08	3.62	3.58	1.01
3.2	2.19	1.3	0.65	0.28	0.1	0.03	0.01	0.007	0	1.85	2.19	3.75	4.03	3.62	3.58	1.01
3.17	2.15	1.27	0.64	0.27	0.1	0.03	0.01	0.006	0	2.17	2.09	3.74	4	3.62	3.59	1.01
3.14	2.12	1.24	0.62	0.27	0.09	0.03	0.01	0.005	0	1.53	2.23	3.75	3.98	3.62	3.58	1.01
3.09	2.08	1.21	0.61	0.26	0.09	0.02	0.01	0.005	0	2.13	2.15	3.75	3.98	3.62	3.6	1
3.04	2.03	1.18	0.6	0.26	0.09	0.02	0.01	0.004	0	1.9	2.27	3.74	3.99	3.61	3.58	1
2.99	1.98	1.15	0.58	0.25	0.09	0.02	0.008	0.003	0	1.81	2.22	3.75	4.09	3.6	3.58	1
2.93	1.92	1.12	0.57	0.25	0.09	0.02	0.007	0.002	0	1.9	2.23	3.75	4.13	3.63	3.59	1
2.87	1.87	1.08	0.55	0.25	0.09	0.02	0.006	0.002	0	2.12	2.08	3.75	4.13	3.62	3.6	1
2.81	1.82	1.06	0.54	0.24	0.09	0.02	0.007	0.002	0	1.84	2.25	3.74	4.12	3.63	3.57	1
2.75	1.77	1.03	0.53	0.24	0.09	0.02	0.007	0.002	0	1.69	1.98	3.73	4.06	3.61	3.57	1
2.69	1.72	1	0.52	0.24	0.09	0.02	0.008	0.002	0	1.76	2.38	3.73	4.02	3.6	3.58	1
2.64	1.68	0.98	0.52	0.24	0.09	0.03	0.008	0.002	0	1.98	2.41	3.73	4.03	3.6	3.59	1
2.58	1.64	0.95	0.51	0.24	0.09	0.03	0.008	0.002	0	1.87	2.31	3.75	4.09	3.62	3.6	1
2.53	1.6	0.93	0.5	0.23	0.09	0.03	0.009	0.002	0	2.04	2.28	3.75	4.11	3.62	3.57	1
2.49	1.56	0.91	0.49	0.23	0.09	0.03	0.009	0.002	0	2.12	2.13	3.73	4.11	3.6	3.57	1
2.44	1.53	0.89	0.48	0.23	0.09	0.02	0.009	0.002	0	1.59	2.36	3.75	4.01	3.61	3.57	1
2.39	1.5	0.88	0.48	0.23	0.09	0.02	0.009	0.001	0	1.99	2.43	3.75	4.04	3.61	3.56	1
2.35	1.47	0.86	0.47	0.22	0.09	0.02	0.009	0.001	0	2.4	2.49	3.75	4.08	3.61	3.56	1
2.31	1.45	0.85	0.46	0.22	0.09	0.02	0.009	0.001	0	2.14	2.54	3.74	4.1	3.62	3.56	1.01
2.27	1.43	0.84	0.46	0.22	0.09	0.02	0.009	0.001	0	2.27	2.48	3.74	4.07	3.6	3.56	1.01
2.24	1.41	0.83	0.45	0.22	0.08	0.02	0.009	0	0	2.15	2.51	3.74	3.97	3.61	3.57	1.01
2.2	1.39	0.82	0.45	0.21	0.08	0.02	0.008	0	0	1.91	2.43	3.74	3.95	3.61	3.6	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.17	1.38	0.81	0.44	0.21	0.08	0.02	0.008	0	0	1.97	2.42	3.74	3.92	3.62	3.58	1.01
2.14	1.36	0.81	0.44	0.21	0.08	0.02	0.008	0	0	1.95	2.42	3.75	3.94	3.61	3.59	1.01
2.11	1.35	0.8	0.44	0.2	0.08	0.02	0.007	0	0	2.05	1.65	3.75	3.94	3.63	3.59	1.01
2.08	1.33	0.8	0.44	0.2	0.07	0.01	0.006	0	0	1.91	1.27	3.75	3.96	3.61	3.61	1.02
2.05	1.32	0.79	0.44	0.2	0.07	0.01	0.006	0	0	1.64	2.16	3.74	3.93	3.6	3.61	1.02
2.03	1.31	0.79	0.43	0.2	0.07	0.01	0.006	0	0	1.7	2.37	3.73	3.88	3.61	3.59	1.02
2.01	1.3	0.78	0.43	0.2	0.07	0.01	0.006	0	0	1.99	2.35	3.74	3.82	3.61	3.58	1.02
1.99	1.28	0.78	0.43	0.19	0.07	0.01	0.006	0	0	2.1	2.45	3.73	3.81	3.6	3.57	1.02
1.97	1.27	0.77	0.42	0.19	0.07	0.01	0.006	0	0	1.89	2.4	3.74	3.86	3.63	3.57	1.02
1.95	1.26	0.76	0.42	0.19	0.07	0.01	0.006	-0.001	0	1.88	2.49	3.76	3.97	3.63	3.58	1.02
1.94	1.25	0.76	0.42	0.19	0.07	0.01	0.007	-0.001	0	1.96	2.47	3.76	4.06	3.62	3.61	1.01
1.92	1.24	0.75	0.41	0.19	0.07	0.01	0.007	-0.001	0	2.1	2.41	3.76	4.07	3.65	3.62	1.01
1.91	1.22	0.74	0.41	0.19	0.07	0.01	0.007	-0.001	0	2.27	2.48	3.75	4.01	3.63	3.61	1.01
1.89	1.21	0.73	0.4	0.19	0.07	0.01	0.008	-0.002	0	2.11	2.41	3.74	3.95	3.62	3.57	1.01
1.89	1.21	0.73	0.4	0.19	0.07	0.01	0.008	-0.002	0	1.62	2.43	3.74	3.88	3.61	3.57	1.01
1.89	1.2	0.72	0.4	0.19	0.07	0.02	0.009	-0.001	0	2.08	2.38	3.74	3.82	3.59	3.58	1
1.9	1.2	0.72	0.4	0.19	0.07	0.02	0.01	0.001	0	2.22	2.23	3.73	3.86	3.61	3.57	1
1.91	1.2	0.72	0.39	0.19	0.07	0.02	0.01	0.001	0	1.74	2.35	3.75	3.91	3.6	3.6	1
1.94	1.21	0.72	0.39	0.19	0.07	0.02	0.01	0.001	0	2.02	2.47	3.75	3.96	3.61	3.58	1
1.98	1.23	0.72	0.39	0.18	0.07	0.02	0.01	0.002	0	2.24	2.36	3.75	3.94	3.64	3.59	0.99
2.04	1.26	0.73	0.4	0.18	0.07	0.02	0.01	0.002	0	2.09	2.43	3.75	3.89	3.63	3.58	0.99
2.11	1.29	0.74	0.4	0.18	0.07	0.02	0.01	0.002	0	1.85	2.37	3.75	3.79	3.6	3.57	0.99
2.18	1.33	0.75	0.4	0.18	0.07	0.02	0.01	0.001	0	2.24	2.46	3.73	3.76	3.61	3.58	0.99
2.26	1.38	0.77	0.4	0.18	0.07	0.02	0.01	0.001	0	1.78	2.32	3.75	3.81	3.6	3.6	0.99
2.35	1.43	0.79	0.4	0.18	0.07	0.02	0.01	0.002	0	1.82	2.29	3.75	3.93	3.6	3.59	0.99
2.44	1.48	0.81	0.4	0.17	0.07	0.02	0.01	0.002	0	2.12	2.3	3.74	4.04	3.62	3.59	0.99
2.54	1.54	0.84	0.4	0.17	0.06	0.02	0.01	0.003	0	1.96	2.27	3.75	4.04	3.62	3.57	0.99
2.63	1.6	0.86	0.41	0.17	0.06	0.01	0.009	0.003	0	1.67	2.36	3.75	4.01	3.64	3.57	0.98
2.72	1.65	0.88	0.41	0.16	0.06	0.01	0.008	0.003	0	1.89	2.48	3.74	3.95	3.63	3.59	0.98
2.8	1.71	0.91	0.41	0.16	0.05	0.01	0.006	0.002	0	1.88	2.33	3.73	3.91	3.6	3.57	0.98
2.88	1.76	0.93	0.42	0.16	0.05	0.01	0.004	0.001	0	2.06	1.98	3.72	3.88	3.61	3.58	0.98
2.94	1.8	0.95	0.42	0.15	0.04	0.008	0.003	0	0	2.03	1.99	3.74	3.91	3.62	3.55	0.99
2.99	1.84	0.97	0.42	0.15	0.04	0.005	0.001	-0.001	0	2.04	2.3	3.75	3.94	3.63	3.56	0.99
3.04	1.87	0.99	0.43	0.15	0.03	0.003	0	-0.001	0	1.77	2.36	3.75	4.04	3.62	3.57	0.99
3.07	1.9	1	0.43	0.15	0.03	0.003	0.001	0	0	1.93	1.41	3.76	4.09	3.63	3.57	0.99
3.09	1.92	1.01	0.44	0.15	0.03	0.003	0.001	0	0	1.96	2.34	3.75	4.12	3.64	3.59	0.99
3.11	1.94	1.02	0.44	0.15	0.03	0.003	0.001	0	0	2.05	2.5	3.76	4.09	3.62	3.58	0.99
3.12	1.95	1.03	0.45	0.15	0.03	0.003	0.001	0	0	1.82	2.43	3.75	4	3.63	3.58	0.99
3.13	1.96	1.04	0.45	0.15	0.03	0.003	0.001	0	0	1.94	2.32	3.74	3.92	3.64	3.6	0.99
3.15	1.98	1.05	0.45	0.15	0.03	0.002	0.001	0.001	0	2.23	2.26	3.74	3.89	3.64	3.58	1
3.16	1.99	1.05	0.45	0.15	0.03	0.002	0.001	0.001	0	1.88	2.26	3.75	3.92	3.63	3.56	1
3.18	2	1.06	0.45	0.15	0.03	0.002	0.001	0.002	0	1.93	2.32	3.75	4	3.63	3.61	1
3.2	2.01	1.06	0.45	0.14	0.03	0.002	0.001	0.002	0	1.89	2.3	3.74	4.01	3.63	3.57	1
3.21	2.01	1.06	0.45	0.14	0.03	0.002	0.001	0.003	0	2.05	2.34	3.76	4.04	3.63	3.56	1
3.22	2.01	1.06	0.45	0.14	0.02	0.002	0.001	0.003	0	1.76	2.48	3.76	4.05	3.63	3.57	1
3.22	2.01	1.06	0.45	0.14	0.02	0.002	0.001	0.003	0	1.9	2.41	3.75	4.02	3.63	3.57	1
3.21	2	1.05	0.44	0.14	0.02	0.002	0.001	0.003	0	1.22	2.39	3.75	3.97	3.61	3.59	1
3.19	1.98	1.04	0.44	0.13	0.02	0.002	0.001	0.003	0	1.92	2.27	3.76	3.91	3.63	3.56	1
3.15	1.96	1.03	0.43	0.13	0.02	0.002	0.001	0.003	0	1.97	2.46	3.74	3.91	3.62	3.57	1
3.11	1.93	1.01	0.43	0.13	0.02	0.002	0	0.003	0	1.81	2.5	3.76	3.93	3.62	3.59	1.01
3.06	1.89	0.99	0.42	0.13	0.02	0.002	0	0.002	0	1.92	2.5	3.75	4.02	3.62	3.58	1.01
3	1.85	0.97	0.41	0.13	0.03		0	0.002	0	1.92	2.32	3.75	4.08	3.62	3.6	1.01
2.94	1.8	0.94	0.4	0.13	0.03		0	0.002	0	1.85	2.09	3.76	4.07	3.63	3.58	1.01
2.88	1.76	0.92	0.4	0.13	0.03		0	0.002	0	1.77	2.51	3.75	4.03	3.63	3.6	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.83	1.71	0.89	0.39	0.13	0.03		0	0.002	0	1.68	2.62	3.76	4	3.62	3.61	1.01
2.77	1.67	0.87	0.38	0.13	0.03	0.002	0	0.002	0	1.79	2.47	3.76	3.96	3.62	3.59	1.01
2.72	1.63	0.84	0.37	0.13	0.03	0.002	0	0.002	0	2.05	2.15	3.75	3.97	3.61	3.59	1.01
2.67	1.59	0.82	0.36	0.13	0.03	0.002	0	0.002	0	2.28	2.23	3.76	4.02	3.61	3.59	1.01
2.63	1.55	0.8	0.35	0.12	0.03	0.002	0.001	0.002	0	2.06	2.38	3.77	4.05	3.62	3.62	1.01
2.59	1.52	0.78	0.34	0.12	0.03	0.002	0.001	0.002	0	1.72	2.26	3.75	4.01	3.62	3.61	1.01
2.55	1.49	0.77	0.34	0.12	0.03	0.003	0.001	0.002	0	1.19	2.3	3.77	3.96	3.6	3.59	1.01
2.52	1.47	0.75	0.33	0.12	0.03	0.003	0.001	0.001	0	1.4	2.32	3.75	3.9	3.62	3.58	1.01
2.5	1.45	0.74	0.33	0.12	0.03	0.004	0.001	0.001	0	1.69	2.39	3.74	3.87	3.62	3.57	1.01
2.48	1.43	0.73	0.32	0.12	0.03	0.004	0.002	0.001	0	1.85	2.38	3.74	3.87	3.62	3.59	1.01
2.46	1.41	0.72	0.32	0.11	0.03	0.004	0.002	0.002	0	1.83	2.3	3.76	3.92	3.61	3.59	1.01
2.45	1.4	0.71	0.31	0.11	0.02	0.004	0.002	0.002	0	1.73	2.37	3.75	3.99	3.61	3.59	1.01
2.43	1.39	0.7	0.31	0.11	0.02	0.004	0.002	0.002	0	2.02	2.49	3.76	4.02	3.61	3.6	1.01
2.42	1.38	0.69	0.3	0.11	0.02	0.003	0.001	0.003	0	1.97	2.43	3.76	4.02	3.62	3.6	1.01
2.41	1.37	0.69	0.3	0.1	0.02	0.003	0.001	0.003	0	1.92	2.24	3.76	3.95	3.63	3.59	1.01
2.4	1.36	0.68	0.29	0.1	0.02	0.003	0.001	0.003	0	1.79	2.3	3.75	3.89	3.62	3.59	1.01
2.38	1.35	0.67	0.29	0.1	0.02	0.003	0.001	0.004	0	1.87	2.38	3.75	3.9	3.62	3.6	1.01
2.37	1.34	0.67	0.29	0.1	0.02	0.002	0.001	0.004	0	1.57	2.36	3.75	3.98	3.62	3.59	1.01
2.35	1.33	0.66	0.28	0.09	0.02	0.002	0.001	0.004	0	1.37	2.52	3.76	3.99	3.63	3.58	1.01
2.33	1.32	0.66	0.28	0.09	0.02	0.002	0.001	0.004	0	1.77	2.49	3.76	4.05	3.61	3.57	1.01
2.31	1.31	0.65	0.28	0.09	0.02	0.002	0.001	0.004	0	1.96	2.12	3.75	4.03	3.61	3.59	1
2.29	1.3	0.65	0.28	0.09	0.02	0.003	0.001	0.003	0	1.64	2.25	3.76	4	3.61	3.6	1
2.26	1.28	0.65	0.28	0.1	0.02	0.004	0.002	0.002	0	1.63	2.23	3.75	3.98	3.63	3.59	1
2.24	1.27	0.64	0.28	0.1	0.02	0.004	0.002	0.002	0	1.98	2.32	3.75	3.99	3.61	3.58	1
2.22	1.26	0.64	0.28	0.1	0.02	0.005	0.002	0.001	0	1.73	2.32	3.75	4.01	3.61	3.58	1
2.21	1.26	0.64	0.28	0.1	0.02	0.005	0.003	0	0	1.58	2.36	3.76	4.07	3.6	3.61	1
2.2	1.25	0.63	0.28	0.1	0.02	0.005	0.003	0	0	1.78	2.35	3.75	4.11	3.59	3.6	1
2.19	1.25	0.63	0.27	0.1	0.02	0.005	0.002	0	0	1.94	2.22	3.75	4.11	3.61	3.61	1
2.2	1.25	0.63	0.27	0.09	0.02	0.005	0.002	0	0	1.34	2.27	3.74	4.1	3.6	3.6	1
2.21	1.25	0.63	0.27	0.09	0.02	0.004	0.002	0	0	1.84	2.27	3.76	4.03	3.63	3.59	1
2.22	1.25	0.62	0.26	0.09	0.02	0.003	0.001	0	0	1.84	2.32	3.75	4.02	3.63	3.59	1
2.25	1.26	0.62	0.26	0.08	0.01	0.002	0.001	0.001	0	1.66	2.55	3.75	4.07	3.61	3.6	1
2.28	1.27	0.62	0.25	0.08	0.01	0	0.001	0.001	0	1.75	2.49	3.75	4.09	3.62	3.58	1
2.32	1.29	0.62	0.25	0.08	0.01	0	0.001	0.001	0	2.12	2.37	3.76	4.1	3.62	3.6	1
2.35	1.3	0.62	0.25	0.08	0.01	0	0.001	0	0	1.76	2.51	3.75	4.13	3.63	3.63	1
2.39	1.32	0.62	0.24	0.07	0.01	0	0.002	0	0	1.98	2.47	3.75	4.13	3.64	3.63	1
2.43	1.34	0.62	0.24	0.07	0.01	0.001	0.002	0	0	1.62	2.55	3.76	4.11	3.63	3.62	1
2.48	1.36	0.63	0.24	0.07	0.01	0.001	0.002	0	0	1.54	2.34	3.75	4.03	3.63	3.59	1
2.51	1.37	0.63	0.23	0.07	0.01	0.001	0.002	0	0	1.98	2.3	3.77	3.95	3.64	3.58	1
2.55	1.39	0.63	0.23	0.06		0	0	-0.002	0	1.96	2.38	3.75	3.93	3.64	3.57	1
2.59	1.4	0.63	0.22	0.06	0.01	0	0.001	-0.001	0	1.85	2.23	3.75	3.97	3.64	3.59	1
2.62	1.42	0.62	0.22	0.05	0.01	0	0.001	0	0	2.04	2.36	3.75	4.02	3.63	3.6	1
2.64	1.43	0.62	0.21	0.05	0.01	0.001	0.001	0.001	0	2.16	2.39	3.76	4.05	3.65	3.59	1
2.66	1.43	0.62	0.21	0.05	0.01	0.001	0.001	0.002	0	1.77	2.44	3.75	4.02	3.64	3.61	1
2.67	1.43	0.61	0.2	0.05	0.01	0.001	0.001	0.003	0	1.77	2.29	3.76	3.97	3.64	3.59	1
2.68	1.43	0.6	0.2	0.04	0.01	0.001	0.001	0.003	0	1.51	2.41	3.75	3.93	3.62	3.57	1
2.67	1.42	0.59	0.19	0.04	0.01	0.001	0.002	0.004	0	1.95	2.36	3.75	3.89	3.64	3.59	1
2.66	1.41	0.58	0.18	0.04		0	0.002	0.004	0	2.1	2.32	3.75	3.89	3.65	3.57	1
2.63	1.39	0.57	0.18	0.04		0.001	0.002	0.005	0	1.78	2.35	3.76	3.94	3.64	3.58	1
2.59	1.35	0.55	0.17	0.04		0.002	0.002	0.006	0	1.97	2.37	3.76	4	3.64	3.59	1
2.54	1.32	0.53	0.16	0.04		0.003	0.003	0.007	0	2.15	2.4	3.75	3.99	3.62	3.6	1
2.47	1.27	0.51	0.15	0.04		0.003	0.003	0.007	0	2	2.33	3.75	3.94	3.65	3.6	1
2.39	1.22	0.48	0.14	0.03		0.002	0.004	0.007	0	2.03	2.38	3.75	3.89	3.65	3.58	1
2.3	1.15	0.45	0.13	0.03		0.002	0.004	0.008	0	2.06	2.45	3.76	3.86	3.64	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.19	1.09	0.42	0.13	0.03		0.003	0.004	0.008	0	2.18	2.57	3.76	3.83	3.61	3.59	0.99
2.07	1.01	0.39	0.12	0.03		0.003	0.004	0.008	0	2.03	2.6	3.74	3.88	3.62	3.58	0.99
1.94	0.94	0.36	0.11	0.03		0.003	0.003	0.008	0	1.66	2.47	3.74	3.92	3.63	3.6	0.99
1.8	0.86	0.33	0.11	0.02		0.004	0.003	0.007	0	1.71	2.3	3.75	3.96	3.63	3.6	0.99
1.66	0.78	0.3	0.1	0.02		0.004	0.001	0.004	0	1.76	2.45	3.76	3.99	3.63	3.61	0.99
1.51	0.71	0.28	0.1	0.03		0.004	0	0.002	0	1.56	2.6	3.75	3.97	3.62	3.58	0.99
1.37	0.65	0.26	0.1	0.03		0.002	0.002	0.002	0	1.87	2.41	3.75	3.97	3.63	3.6	0.99
1.24	0.59	0.25	0.1	0.03		0	0.002	0.001	0	1.44	2.22	3.75	3.96	3.63	3.6	0.99
1.12	0.53	0.23	0.1	0.03	0.01	0.001	0.003	0	0	1.76	2.19	3.75	4.01	3.63	3.58	0.99
1.01	0.49	0.22	0.1	0.04	0.01	0.002	0.003	0	0	2.01	2.28	3.75	4	3.63	3.56	0.99
0.92	0.45	0.21	0.09	0.04	0.01	0.004	0.003	0	0	1.91	2.33	3.76	4.02	3.61	3.57	0.99
0.84	0.41	0.2	0.09	0.04	0.01	0.003	0.002	0	0	1.48	2.37	3.76	4.04	3.62	3.6	0.99
0.77	0.39	0.19	0.09	0.04	0.01	0.002	0.002	0	0	1.69	2.22	3.75	4.09	3.63	3.59	0.99
0.72	0.37	0.18	0.09	0.03	0.01	0.002	0.002	0	0	1.78	2.26	3.75	4.09	3.62	3.58	0.99
0.69	0.36	0.18	0.09	0.03	0.01	0.001	0.002	-0.001	0	1.53	2.33	3.76	4.1	3.63	3.59	0.99
0.66	0.34	0.18	0.09	0.03	0.01	0	0.002	-0.001	0	2.16	2.07	3.76	4.11	3.62	3.59	0.99
0.63	0.33	0.17	0.09	0.03		0.001	0.002	-0.001	0	1.87	2.32	3.76	4.1	3.63	3.58	0.99
0.61	0.32	0.17	0.08	0.03		0	0.002	-0.001	0	1.73	2.49	3.76	4.15	3.63	3.58	0.99
0.59	0.31	0.16	0.08	0.03		0.001	0.002	-0.001	0	1.83	2.54	3.76	4.16	3.64	3.59	0.99
0.58	0.3	0.16	0.08	0.03		0.001	0.002	-0.001	0	1.75	2.55	3.77	4.16	3.63	3.6	1
0.56	0.29	0.15	0.08	0.03		0.001	0.002	-0.001	0	1.62	2.46	3.77	4.23	3.61	3.59	1
0.55	0.29	0.15	0.07	0.03		0.001	0.002	-0.001	0	1.95	2.42	3.77	4.28	3.65	3.61	1
0.53	0.28	0.14	0.07	0.02		0	0.002	0	0	1.93	2.37	3.78	4.26	3.66	3.59	1
0.52	0.27	0.14	0.07	0.02	0.01	0	0.002	0	0	1.76	2.38	3.77	4.23	3.65	3.61	1
0.51	0.27	0.14	0.07	0.02	0.01	0.001	0.002	0	0	1.8	2.45	3.76	4.22	3.66	3.62	1
0.5	0.26	0.14	0.07	0.03	0.01	0.001	0.002	-0.001	0	1.83	2.46	3.77	4.15	3.64	3.6	1
0.49	0.26	0.14	0.07	0.03	0.01	0.002	0.002	-0.001	0	1.88	2.46	3.77	4.1	3.63	3.61	1
0.48	0.26	0.14	0.07	0.03	0.01	0.003	0.002	-0.001	0	1.73	2.39	3.76	4.07	3.62	3.61	1
0.47	0.25	0.14	0.07	0.03	0.01	0.003	0.002	-0.001	0	1.65	2.15	3.76	4.15	3.65	3.6	1
0.46	0.25	0.13	0.07	0.03	0.01	0.004	0.003	-0.002	0	1.89	2.14	3.76	4.12	3.66	3.62	1
0.45	0.25	0.13	0.07	0.03	0.01	0.004	0.003	-0.002	0	2	2.16	3.77	4.13	3.62	3.63	1
0.44	0.24	0.13	0.07	0.03	0.01	0.005	0.004	-0.002	0	1.85	2.39	3.76	4.06	3.61	3.61	1
0.43	0.24	0.13	0.07	0.03	0.01	0.005	0.004	-0.002	0	2.04	2.35	3.75	3.98	3.62	3.6	1
0.43	0.24	0.13	0.07	0.03	0.01	0.006	0.005	-0.001	0	2.06	2.29	3.75	3.97	3.62	3.58	1
0.42	0.23	0.13	0.06	0.03	0.01	0.006	0.006	-0.001	0	1.83	2.21	3.76	3.99	3.61	3.58	1
0.41	0.23	0.12	0.06	0.03	0.01	0.007	0.006	0	0	2.04	2.34	3.75	3.9	3.59	3.62	0.99
0.4	0.23	0.12	0.06	0.03	0.01	0.007	0.006	0	0	1.91	2.02	3.74	3.84	3.61	3.61	0.99
0.4	0.22	0.12	0.06	0.03	0.01	0.008	0.007	0	0	2.04	2.24	3.74	3.75	3.62	3.59	0.99
0.39	0.22	0.12	0.06	0.03	0.01	0.008	0.008	0.001	0	2.06	2.24	3.74	3.78	3.62	3.59	0.99
0.39	0.22	0.12	0.06	0.03	0.01	0.009	0.008	0.001	0	1.99	2	3.75	3.86	3.62	3.59	0.99
0.38	0.22	0.12	0.06	0.03	0.01	0.008	0.009	0.001	0	2.11	2.31	3.75	4.01	3.62	3.6	0.99
0.38	0.21	0.12	0.06	0.03	0.01	0.008	0.009	0.001	0	2.09	2.34	3.76	4.02	3.62	3.62	0.99
0.37	0.21	0.12	0.06	0.03	0.01	0.008	0.009	0.001	0	2.01	2.22	3.76	3.99	3.65	3.59	0.99
0.37	0.21	0.12	0.06	0.03	0.01	0.008	0.01	0.001	0	1.73	2.46	3.75	3.97	3.64	3.61	0.99
0.36	0.21	0.12	0.06	0.03	0.02	0.008	0.01	0.002	0	1.93	2.46	3.74	3.86	3.61	3.56	0.99
0.36	0.21	0.12	0.06	0.03	0.02	0.009	0.01	0.002	0	2.24	2.47	3.74	3.79	3.61	3.56	0.99
0.36	0.21	0.12	0.06	0.03	0.02	0.009	0.01	0.002	0	2.09	2.38	3.74	3.82	3.61	3.57	0.99
0.36	0.21	0.12	0.06	0.03	0.02	0.01	0.01	0.002	0	1.66	2.3	3.73	3.88	3.62	3.58	0.99
0.36	0.21	0.12	0.06	0.03	0.02	0.01	0.009	0.002	0	1.82	2.33	3.73	3.92	3.64	3.57	0.99
0.37	0.21	0.12	0.06	0.03	0.02	0.01	0.009	0.002	0	1.82	2.37	3.75	4.07	3.62	3.59	0.99
0.37	0.21	0.12	0.06	0.03	0.01	0.01	0.008	0.002	0	1.99	2.13	3.76	4.1	3.61	3.58	0.99
0.37	0.21	0.12	0.06	0.03	0.01	0.008	0.007	0.001	0	1.77	1.97	3.76	4.07	3.63	3.58	0.99
0.38	0.21	0.12	0.06	0.03	0.01	0.005	0.004	0	0	1.82	2.39	3.75	4.04	3.64	3.59	0.99
0.38	0.21	0.12	0.06	0.03	0.01	0.003	0.003	-0.001	0	1.95	2.32	3.74	3.98	3.64	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.39	0.22	0.12	0.06	0.03	0.01	0.003	0.003	-0.001	0	1.95	2.4	3.73	3.94	3.6	3.57	0.99
0.41	0.22	0.12	0.06	0.03	0.01	0.002	0.003	0	0	2.04	2.38	3.74	3.97	3.62	3.55	0.99
0.42	0.23	0.12	0.06	0.03	0.01	0.001	0.003	0	0	1.76	2.44	3.74	4.03	3.64	3.59	0.99
0.43	0.23	0.13	0.06	0.03	0.01	0.001	0.003	0	0	1.95	2.28	3.76	4.03	3.64	3.57	0.99
0.44	0.24	0.13	0.06	0.03	0.01	0.001	0.002	0	0	1.92	2.21	3.76	4.11	3.62	3.57	0.99
0.46	0.24	0.13	0.06	0.03	0.01	0.002	0.002	0	0	1.7	2.44	3.76	4.05	3.62	3.6	0.99
0.47	0.25	0.13	0.06	0.03	0.01	0.002	0.002	0	0	1.37	2.35	3.73	4.06	3.61	3.59	0.99
0.48	0.25	0.13	0.06	0.03	0.01	0.003	0.002	0	0	1.83	2.41	3.74	4.01	3.62	3.57	0.99
0.5	0.26	0.13	0.06	0.03	0.01	0.003	0.002	0	0	1.57	2.47	3.74	4.02	3.64	3.6	0.99
0.51	0.26	0.13	0.06	0.03	0.01	0.004	0.001	0	0	1.53	2.26	3.74	4.07	3.62	3.6	0.99
0.53	0.27	0.14	0.06	0.03	0.01	0.004	0.002	0	0	1.65	1.85	3.75	4.1	3.63	3.6	0.99
0.54	0.27	0.14	0.06	0.03	0.01	0.005	0.002	0	0	1.76	2.22	3.75	4.1	3.62	3.6	0.99
0.56	0.28	0.14	0.06	0.03	0.01	0.006	0.003	0	0	1.9	2.44	3.74	4.08	3.61	3.6	0.99
0.57	0.29	0.15	0.07	0.03	0.01	0.007	0.004	0	0	1.73	2.32	3.74	4.09	3.6	3.57	0.99
0.58	0.29	0.15	0.07	0.04	0.01	0.008	0.005	0	0	1.7	2.36	3.75	4.07	3.61	3.57	0.99
0.6	0.3	0.16	0.07	0.04	0.01	0.01	0.007	0.001	0	1.42	2.26	3.75	4.1	3.61	3.61	0.99
0.61	0.31	0.16	0.08	0.04	0.02	0.01	0.008	0.001	0	1.81	2.47	3.75	4.13	3.61	3.62	0.99
0.62	0.32	0.16	0.08	0.04	0.02	0.01	0.008	0.002	0	1.95	2.42	3.75	4.08	3.6	3.6	0.99
0.63	0.32	0.17	0.08	0.04	0.02	0.01	0.009	0.002	0	1.71	2.55	3.75	4.13	3.6	3.58	0.99
0.65	0.33	0.17	0.08	0.04	0.02	0.01	0.009	0.002	0	1.3	2.43	3.76	4.11	3.61	3.6	0.99
0.66	0.34	0.17	0.09	0.04	0.02	0.01	0.009	0.003	0	1.6	2.27	3.75	4.12	3.61	3.58	0.99
0.67	0.34	0.18	0.09	0.04	0.02	0.01	0.009	0.003	0	2.14	2.36	3.73	4.12	3.61	3.59	0.99
0.68	0.35	0.18	0.09	0.04	0.02	0.01	0.008	0.003	0	1.96	2.3	3.74	4.14	3.61	3.6	0.99
0.7	0.36	0.18	0.09	0.04	0.02	0.01	0.008	0.003	0	1.29	2.28	3.74	4.14	3.61	3.6	0.98
0.71	0.37	0.19	0.09	0.04	0.02	0.01	0.007	0.003	0	2.02	2.42	3.74	4.09	3.6	3.6	0.98
0.73	0.38	0.19	0.09	0.04	0.02	0.01	0.006	0.002	0	2.02	2.46	3.75	4.13	3.6	3.59	0.98
0.75	0.39	0.2	0.1	0.05	0.02	0.01	0.005	0.002	0	1.69	2.3	3.75	4.15	3.6	3.59	0.98
0.77	0.4	0.2	0.1	0.05	0.02	0.01	0.005	0.001	0	1.61	2.33	3.74	4.11	3.61	3.59	0.98
0.79	0.41	0.21	0.1	0.05	0.02	0.01	0.004	0.001	0	1.67	2.41	3.74	4.08	3.61	3.6	0.98
0.81	0.42	0.21	0.1	0.05	0.02	0.01	0.004	0	0	1.73	2.39	3.75	4.1	3.61	3.57	0.98
0.84	0.44	0.22	0.11	0.05	0.02	0.01	0.004	0	0	1.69	2.46	3.74	4.13	3.62	3.59	0.98
0.87	0.45	0.22	0.11	0.06	0.02	0.01	0.005	0	0	1.85	2.43	3.74	4.18	3.61	3.63	0.98
0.91	0.47	0.23	0.11	0.06	0.02	0.01	0.005	0	0	1.68	2.34	3.74	4.17	3.6	3.61	0.99
0.94	0.48	0.23	0.11	0.05	0.02	0.01	0.004	0	0	1.9	2.57	3.74	4.12	3.6	3.59	0.99
0.97	0.49	0.23	0.11	0.05	0.02	0.01	0.004	0	0	1.77	2.4	3.73	4	3.59	3.57	0.99
1.01	0.5	0.23	0.1	0.05	0.02	0.008	0.003	0	0	2.02	2.47	3.74	3.95	3.6	3.56	0.99
1.04	0.51	0.23	0.1	0.04	0.02	0.006	0.002	0	0	1.97	2.45	3.73	3.93	3.6	3.57	0.99
1.06	0.52	0.23	0.1	0.04	0.01	0.004	0.001	0.001	0	1.66	2.33	3.74	3.96	3.61	3.54	0.99
1.08	0.52	0.23	0.1	0.04	0.01	0.003	0.001	0.002	0	1.79	2.39	3.74	4.03	3.63	3.58	0.99
1.09	0.52	0.23	0.09	0.04	0.01	0.002	0.001	0.002	0	1.96	2.18	3.75	4.06	3.62	3.58	0.99
1.1	0.52	0.23	0.09	0.04	0.01	0.002	0	0.003	0	2.13	1.62	3.76	4.05	3.62	3.55	0.99
1.1	0.53	0.23	0.09	0.04	0.01	0.002	0.001	0.003	0	1.75	2.12	3.74	3.99	3.63	3.58	0.99
1.09	0.53	0.23	0.1	0.04	0.01	0.002	0.001	0.003	0	1.53	2.28	3.73	3.94	3.62	3.56	0.99
1.09	0.52	0.24	0.1	0.04	0.01	0.002	0.001	0.003	0	2.15	2.08	3.72	3.87	3.62	3.54	0.99
1.07	0.52	0.24	0.1	0.04	0.01	0.003	0.002	0.002	0	2.11	2.1	3.74	3.85	3.6	3.56	0.99
1.05	0.52	0.25	0.11	0.05	0.01	0.004	0.002	0.001	0	1.61	2.35	3.74	3.94	3.61	3.53	0.99
1.04	0.52	0.25	0.12	0.05	0.01	0.005	0.003	0	0	1.77	2.38	3.74	4.01	3.61	3.53	0.99
1.02	0.52	0.26	0.12	0.06	0.02	0.006	0.004	0	0	1.9	2.43	3.74	4.04	3.64	3.55	0.99
1	0.52	0.27	0.13	0.06	0.02	0.007	0.005	-0.001	0	1.88	2.28	3.74	4.02	3.62	3.58	0.99
0.99	0.53	0.28	0.14	0.07	0.02	0.007	0.006	-0.001	0	1.61	2.18	3.75	3.97	3.63	3.58	0.99
0.99	0.53	0.29	0.15	0.07	0.02	0.007	0.007	-0.001	0	1.87	2.15	3.74	3.92	3.64	3.58	0.99
1	0.55	0.3	0.16	0.08	0.03	0.007	0.007	-0.001	0	1.86	2.1	3.74	3.89	3.63	3.57	0.99
1.01	0.56	0.31	0.16	0.08	0.03	0.007	0.007	-0.001	0	1.89	2.41	3.75	3.91	3.63	3.57	1
1.03	0.58	0.32	0.17	0.08	0.03	0.008	0.007	0	0	1.63	2.37	3.75	3.9	3.62	3.59	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.06	0.6	0.34	0.18	0.09	0.03	0.008	0.007	0	0	1.57	2.31	3.73	3.95	3.62	3.56	1
1.1	0.63	0.35	0.19	0.09	0.03	0.008	0.006	0.001	0	1.57	2.25	3.74	3.99	3.61	3.57	1
1.13	0.66	0.37	0.19	0.09	0.03	0.008	0.005	0.001	0	1.79	1.95	3.75	4	3.6	3.59	1
1.17	0.68	0.38	0.2	0.09	0.03	0.008	0.004	0.002	0	1.63	2.35	3.74	3.99	3.6	3.56	1
1.21	0.71	0.4	0.21	0.09	0.03	0.008	0.003	0.002	0	1.46	2.36	3.74	3.97	3.6	3.57	1
1.24	0.73	0.41	0.21	0.09	0.03	0.008	0.002	0.002	0	1.43	2.22	3.74	3.94	3.61	3.59	1
1.27	0.76	0.43	0.22	0.09	0.03	0.008	0.001	0.002	0	1.76	2.45	3.74	3.95	3.62	3.57	1
1.3	0.78	0.44	0.23	0.1	0.03	0.008	0.001	0.002	0	1.94	2.28	3.74	3.98	3.59	3.57	1
1.32	0.8	0.45	0.23	0.1	0.03	0.008	0.001	0.002	0	1.84	1.91	3.73	3.97	3.59	3.59	1
1.34	0.81	0.46	0.24	0.1	0.03	0.008	0.001	0.002	0	1.51	2.32	3.74	3.96	3.62	3.58	1
1.35	0.83	0.47	0.25	0.1	0.03	0.008	0.001	0.002	0	1.8	2.39	3.75	4	3.62	3.56	1
1.36	0.84	0.48	0.25	0.11	0.04	0.009	0.001	0.002	0	1.67	2.42	3.75	3.99	3.63	3.57	1
1.37	0.85	0.49	0.26	0.11	0.04	0.009	0.002	0.001	0	1.53	2.22	3.76	3.99	3.62	3.59	1
1.37	0.86	0.5	0.26	0.12	0.04	0.01	0.002	0.001	0	1.34	1.82	3.74	4.01	3.59	3.57	1
1.38	0.87	0.51	0.27	0.12	0.04	0.01	0.003	0.001	0	1.84	1.51	3.74	3.99	3.62	3.56	1
1.38	0.88	0.51	0.27	0.12	0.04	0.01	0.003	0.001	0	1.68	2.25	3.75	4.01	3.62	3.57	1
1.39	0.88	0.52	0.28	0.13	0.04	0.01	0.004	0.001	0	1.96	2.06	3.75	3.99	3.62	3.57	1
1.39	0.89	0.53	0.28	0.13	0.05	0.01	0.004	0	0	1.8	2.11	3.74	3.98	3.62	3.57	1
1.39	0.9	0.53	0.29	0.13	0.05	0.01	0.004	0	0	1.55	2.29	3.74	3.97	3.61	3.59	1
1.39	0.9	0.54	0.29	0.14	0.05	0.01	0.005	0	0	1.91	2.38	3.75	3.98	3.62	3.59	1
1.4	0.91	0.55	0.29	0.14	0.05	0.01	0.005	0	0	1.54	2.17	3.74	3.98	3.62	3.57	1
1.4	0.91	0.55	0.3	0.14	0.05	0.01	0.005	-0.001	0	1.66	2.35	3.74	4.03	3.62	3.55	1
1.4	0.92	0.56	0.3	0.14	0.05	0.01	0.005	-0.001	0	1.71	1.96	3.74	4.01	3.62	3.57	1
1.41	0.92	0.56	0.31	0.14	0.05	0.01	0.005	-0.001	0	1.53	2.05	3.74	3.98	3.63	3.58	1
1.41	0.93	0.57	0.31	0.14	0.05	0.01	0.006	-0.002	0	1.78	2.57	3.72	3.93	3.6	3.59	1
1.42	0.93	0.57	0.32	0.15	0.05	0.01	0.007	-0.001	0	1.57	2.49	3.74	3.95	3.6	3.58	1
1.43	0.94	0.58	0.32	0.15	0.06	0.01	0.009	0	0	1.67	2.24	3.74	3.98	3.61	3.57	1
1.44	0.95	0.59	0.33	0.16	0.06	0.02	0.01	0.001	0	1.75	2.27	3.74	4	3.62	3.56	1
1.45	0.95	0.59	0.34	0.16	0.07	0.02	0.01	0.003	0	1.59	2.31	3.75	4	3.62	3.59	1
1.46	0.96	0.6	0.34	0.17	0.07	0.02	0.01	0.004	0	1.4	2.31	3.76	4	3.65	3.61	1
1.48	0.98	0.61	0.35	0.17	0.07	0.02	0.01	0.004	0	1.3	2.42	3.75	4.01	3.63	3.6	1.01
1.51	0.99	0.62	0.35	0.17	0.08	0.02	0.01	0.004	0	1.41	2.38	3.76	3.97	3.61	3.59	1.01
1.55	1.02	0.64	0.36	0.18	0.08	0.03	0.01	0.004	0	1.72	2.17	3.75	3.97	3.61	3.59	1.01
1.61	1.06	0.66	0.38	0.19	0.09	0.03	0.01	0.004	0	1.93	2	3.76	3.99	3.63	3.57	1.01
1.7	1.12	0.7	0.39	0.2	0.09	0.03	0.01	0.005	0	1.7	2.31	3.74	3.97	3.65	3.56	1
1.81	1.2	0.74	0.42	0.21	0.09	0.03	0.01	0.005	0	1.78	2.24	3.74	3.95	3.64	3.59	1
1.95	1.3	0.8	0.44	0.22	0.1	0.03	0.01	0.005	0	2.03	2.12	3.74	3.96	3.62	3.58	1
2.12	1.42	0.87	0.48	0.23	0.1	0.03	0.01	0.005	0	1.4	2.23	3.74	3.99	3.61	3.58	1
2.32	1.57	0.96	0.52	0.25	0.1	0.03	0.01	0.003	0	1.91	2.41	3.74	3.98	3.62	3.57	1
2.53	1.73	1.06	0.57	0.27	0.11	0.03	0.009	0	0	1.74	2.46	3.74	3.99	3.63	3.58	1
2.75	1.9	1.17	0.63	0.29	0.11	0.03	0.007	0	0	1.78	2.35	3.75	3.93	3.62	3.57	1
2.96	2.07	1.29	0.69	0.31	0.12	0.03	0.006	0.001	0	1.58	2.16	3.73	3.97	3.63	3.57	1
3.17	2.24	1.4	0.76	0.34	0.12	0.03	0.006	0.002	0	1.86	2.2	3.73	3.97	3.64	3.58	1
3.37	2.41	1.53	0.83	0.37	0.13	0.03	0.006	0.003	0	1.7	2.46	3.75	3.97	3.63	3.57	1
3.55	2.57	1.65	0.9	0.41	0.15	0.04	0.008	0.003	0	1.81	2.41	3.76	4.01	3.62	3.58	1
3.72	2.73	1.77	0.98	0.45	0.16	0.04	0.009	0.003	0	1.59	2.33	3.74	3.96	3.62	3.57	1
3.86	2.86	1.88	1.06	0.49	0.18	0.05	0.01	0.003	0	1.96	2.34	3.74	3.97	3.61	3.57	1
3.98	2.98	1.99	1.13	0.53	0.19	0.05	0.01	0.003	0	1.73	2.43	3.75	3.98	3.62	3.58	1
4.08	3.09	2.08	1.2	0.57	0.21	0.06	0.01	0.003	0	1.5	2.48	3.75	3.9	3.62	3.57	1
4.16	3.18	2.17	1.27	0.6	0.23	0.07	0.01	0.003	0	1.65	2.37	3.74	3.9	3.63	3.57	1
4.22	3.25	2.24	1.32	0.64	0.24	0.07	0.01	0.004	0	1.74	2.34	3.75	3.92	3.62	3.58	1
4.27	3.31	2.3	1.37	0.67	0.26	0.08	0.02	0.004	0	1.62	2.35	3.74	3.97	3.62	3.57	1
4.31	3.36	2.36	1.42	0.71	0.28	0.08	0.02	0.005	0	2.16	2.28	3.75	3.98	3.61	3.59	0.99
4.34	3.4	2.4	1.46	0.74	0.29	0.09	0.02	0.005	0	1.64	2.51	3.76	4.01	3.61	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.36	3.44	2.44	1.5	0.77	0.31	0.1	0.02	0.005	0	1.79	2.34	3.74	3.96	3.6	3.57	0.99
4.39	3.47	2.48	1.54	0.8	0.33	0.1	0.02	0.004	0	1.85	2.09	3.74	3.89	3.6	3.58	0.99
4.41	3.5	2.52	1.57	0.82	0.34	0.11	0.03	0.004	0	1.9	2.33	3.73	3.82	3.6	3.56	0.99
4.43	3.52	2.55	1.61	0.85	0.35	0.11	0.03	0.003	0	2.1	2.42	3.73	3.84	3.61	3.57	0.99
4.44	3.54	2.57	1.63	0.87	0.37	0.12	0.03	0.004	0	2.03	2.23	3.74	3.87	3.61	3.58	0.99
4.46	3.57	2.6	1.66	0.9	0.38	0.13	0.03	0.004	0	1.49	2.2	3.74	3.91	3.63	3.59	0.99
4.47	3.59	2.63	1.69	0.92	0.4	0.14	0.04	0.004	0	1.92	2.47	3.75	3.94	3.62	3.56	0.99
4.49	3.61	2.65	1.71	0.94	0.41	0.14	0.04	0.005	0	2.14	2.34	3.76	3.96	3.62	3.58	0.99
4.5	3.63	2.67	1.74	0.96	0.43	0.15	0.04	0.006	0	1.77	2.2	3.75	3.93	3.63	3.58	0.99
4.52	3.65	2.7	1.76	0.98	0.44	0.16	0.04	0.006	0	1.44	2.44	3.74	3.92	3.62	3.61	0.99
4.53	3.67	2.72	1.79	1	0.45	0.16	0.05	0.007	0	2	2.54	3.74	3.88	3.63	3.58	0.99
4.54	3.68	2.74	1.81	1.02	0.47	0.17	0.05	0.008	0	1.75	2.31	3.74	3.91	3.62	3.58	0.99
4.55	3.7	2.77	1.84	1.04	0.48	0.17	0.05	0.009	0	1.95	2.2	3.75	3.94	3.63	3.58	0.99
4.57	3.72	2.79	1.86	1.06	0.5	0.18	0.05	0.01	0	1.97	2.36	3.75	3.97	3.62	3.59	0.99
4.59	3.75	2.82	1.89	1.08	0.51	0.19	0.05	0.01	0	1.72	2.37	3.74	3.98	3.63	3.58	0.99
4.6	3.77	2.85	1.92	1.11	0.52	0.19	0.06	0.01	0	1.55	2.46	3.74	3.94	3.63	3.58	0.99
4.62	3.79	2.87	1.94	1.13	0.53	0.2	0.06	0.01	0	1.66	2.32	3.75	3.91	3.6	3.57	0.99
4.64	3.82	2.9	1.97	1.15	0.55	0.21	0.06	0.01	0	1.82	2.36	3.74	3.92	3.6	3.56	0.99
4.66	3.85	2.93	1.99	1.16	0.56	0.21	0.06	0.01	0	1.61	2.29	3.75	3.96	3.62	3.56	1
4.69	3.87	2.95	2.02	1.18	0.57	0.22	0.07	0.01	0	1.93	2.34	3.75	3.98	3.61	3.57	1
4.7	3.89	2.98	2.04	1.2	0.58	0.23	0.07	0.01	0	1.89	2.4	3.75	4.02	3.63	3.57	1
4.72	3.91	3	2.06	1.22	0.6	0.23	0.07	0.01	0	1.59	2.15	3.74	4.03	3.63	3.59	1
4.74	3.93	3.02	2.08	1.24	0.61	0.24	0.07	0.01	0	1.85	2.33	3.75	3.98	3.6	3.57	1
4.76	3.95	3.04	2.1	1.25	0.62	0.25	0.07	0.01	0	1.96	2.27	3.74	3.96	3.61	3.56	1
4.78	3.96	3.05	2.12	1.27	0.63	0.25	0.08	0.01	0	1.82	2.31	3.75	3.98	3.62	3.55	1
4.79	3.98	3.07	2.13	1.28	0.64	0.26	0.08	0.01	0	1.9	2.16	3.74	4.05	3.63	3.58	1
4.81	3.99	3.08	2.14	1.29	0.64	0.26	0.08	0.01	0	1.89	2.29	3.75	4.11	3.61	3.56	1
4.82	4.01	3.1	2.16	1.3	0.65	0.26	0.08	0.01	0	1.83	2.33	3.75	4.1	3.64	3.57	1
4.84	4.03	3.11	2.17	1.31	0.66	0.27	0.08	0.01	0	1.6	2.44	3.77	4.08	3.62	3.58	1
4.86	4.05	3.13	2.18	1.32	0.66	0.27	0.08	0.01	0	1.99	2.45	3.75	4.02	3.6	3.57	1
4.87	4.07	3.15	2.2	1.33	0.67	0.27	0.08	0.01	0	1.93	2.24	3.74	3.96	3.62	3.57	1
4.9	4.09	3.17	2.21	1.34	0.67	0.27	0.08	0.01	0	1.81	2.34	3.75	4.01	3.62	3.56	1
4.92	4.11	3.19	2.23	1.35	0.68	0.27	0.08	0.01	0	1.49	2.43	3.75	4.05	3.61	3.57	1
4.94	4.14	3.21	2.24	1.36	0.68	0.27	0.08	0.01	0	1.13	2.33	3.75	4.11	3.61	3.6	1
4.97	4.16	3.23	2.26	1.37	0.69	0.27	0.08	0.01	0	1.76	1.75	3.76	4.11	3.62	3.6	1
4.99	4.19	3.25	2.28	1.38	0.69	0.27	0.08	0.01	0	1.85	2.33	3.76	4.08	3.64	3.6	1
5.01	4.21	3.28	2.3	1.39	0.7	0.28	0.08	0.01	0	1.95	2.44	3.75	4.1	3.61	3.59	1
5.03	4.23	3.3	2.32	1.4	0.7	0.28	0.08	0.01	0	1.89	2.31	3.75	4.06	3.61	3.57	0.99
5.05	4.26	3.32	2.34	1.42	0.71	0.28	0.08	0.01	0	1.86	2.32	3.75	4.04	3.61	3.57	0.99
5.07	4.28	3.35	2.35	1.43	0.72	0.29	0.09	0.01	0	2.25	2.37	3.74	4.08	3.6	3.57	0.99
5.09	4.3	3.37	2.37	1.44	0.73	0.29	0.09	0.01	0	2	2.47	3.73	4.11	3.6	3.59	0.99
5.1	4.32	3.38	2.39	1.45	0.73	0.29	0.09	0.01	0	1.49	2.46	3.74	4.1	3.62	3.59	0.99
5.12	4.33	3.4	2.4	1.46	0.74	0.3	0.09	0.01	0	1.52	2.36	3.75	4.09	3.61	3.58	0.99
5.13	4.35	3.42	2.42	1.47	0.75	0.3	0.09	0.01	0	1.91	2.37	3.74	4.08	3.59	3.59	0.99
5.15	4.36	3.43	2.43	1.48	0.76	0.31	0.09	0.01	0	2.47	2.33	3.74	4.01	3.62	3.59	0.99
5.16	4.37	3.44	2.44	1.49	0.76	0.31	0.1	0.01	0	1.76	2.27	3.73	4.01	3.59	3.57	0.99
5.16	4.38	3.45	2.45	1.5	0.77	0.32	0.1	0.01	0	1.78	2.37	3.74	4.06	3.58	3.57	0.99
5.17	4.38	3.46	2.46	1.51	0.78	0.32	0.1	0.01	0	1.62	2.32	3.74	4.08	3.6	3.59	0.99
5.17	4.39	3.46	2.47	1.52	0.78	0.33	0.1	0.02	0	2.01	2.47	3.74	4.12	3.62	3.61	0.99
5.17	4.39	3.47	2.48	1.53	0.79	0.33	0.11	0.02	0	1.88	2.46	3.75	4.1	3.62	3.58	0.99
5.18	4.4	3.48	2.48	1.54	0.8	0.34	0.11	0.02	0	1.81	2.04	3.75	4.06	3.61	3.59	0.99
5.18	4.4	3.48	2.49	1.54	0.81	0.34	0.11	0.02	0	1.8	2.31	3.74	3.92	3.61	3.54	0.99
5.19	4.41	3.49	2.5	1.55	0.81	0.35	0.12	0.02	0	2.19	2.42	3.74	3.81	3.6	3.54	0.99
5.2	4.42	3.5	2.5	1.56	0.82	0.36	0.12	0.02	0	2.21	2.39	3.73	3.77	3.61	3.58	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.21	4.43	3.5	2.51	1.57	0.83	0.36	0.12	0.02	0	1.66	2.46	3.74	3.85	3.61	3.59	1
5.22	4.43	3.51	2.52	1.58	0.84	0.37	0.13	0.02	0	1.94	2.31	3.74	3.93	3.61	3.57	1
5.23	4.44	3.52	2.52	1.59	0.85	0.37	0.13	0.02	0	2.11	2.22	3.75	3.97	3.63	3.59	1
5.23	4.44	3.52	2.53	1.6	0.86	0.38	0.13	0.03	0	1.98	2.31	3.75	3.96	3.61	3.59	1
5.23	4.45	3.52	2.53	1.61	0.86	0.39	0.14	0.03	0	1.87	2.34	3.73	3.96	3.61	3.59	1
5.23	4.45	3.53	2.54	1.61	0.87	0.39	0.14	0.03	0	1.55	2.29	3.73	3.78	3.63	3.59	1
5.23	4.45	3.53	2.55	1.62	0.88	0.4	0.14	0.03	0	2.02	2.18	3.75	3.78	3.62	3.58	1
5.23	4.45	3.54	2.56	1.63	0.89	0.4	0.15	0.03	0	2.12	2.47	3.74	3.78	3.61	3.57	1
5.23	4.45	3.54	2.56	1.64	0.9	0.41	0.15	0.03	0	1.7	2.57	3.74	3.82	3.6	3.56	1
5.23	4.46	3.55	2.57	1.65	0.9	0.41	0.15	0.03	0	1.51	2.3	3.74	3.85	3.61	3.56	1.01
5.22	4.46	3.55	2.58	1.66	0.91	0.42	0.15	0.03	0	1.84	2.01	3.75	3.95	3.61	3.6	1.01
5.22	4.46	3.56	2.59	1.67	0.92	0.42	0.16	0.03	0	1.84	2.32	3.75	3.95	3.63	3.58	1.01
5.22	4.46	3.56	2.59	1.67	0.92	0.43	0.16	0.03	0	1.75	2.4	3.75	3.92	3.61	3.59	1.01
5.21	4.46	3.57	2.6	1.68	0.93	0.43	0.16	0.03	0	1.67	2.32	3.76	3.87	3.62	3.58	1.01
5.2	4.46	3.57	2.61	1.69	0.94	0.43	0.16	0.03	0	1.88	2.35	3.74	3.82	3.61	3.6	1.01
5.19	4.46	3.58	2.62	1.7	0.94	0.44	0.16	0.03	0	1.8	2.34	3.74	3.84	3.6	3.57	1.01
5.18	4.46	3.58	2.63	1.71	0.95	0.44	0.17	0.04	0	1.92	2.43	3.73	3.86	3.61	3.56	1.01
5.17	4.46	3.59	2.64	1.72	0.96	0.45	0.17	0.04	0	1.2	2.3	3.74	3.87	3.62	3.55	1.01
5.17	4.46	3.6	2.65	1.73	0.97	0.46	0.17	0.04	0	1.6	2.41	3.75	3.9	3.6	3.56	1.01
5.18	4.46	3.6	2.66	1.74	0.98	0.46	0.18	0.04	0	1.61	2.22	3.75	3.94	3.61	3.54	1.01
5.18	4.47	3.62	2.67	1.75	0.99	0.47	0.18	0.04	0	1.54	2.24	3.74	3.9	3.62	3.56	1.01
5.19	4.48	3.63	2.68	1.76	1	0.48	0.18	0.04	0	1.7	2.43	3.75	3.92	3.61	3.59	1.01
5.19	4.49	3.64	2.7	1.78	1.01	0.48	0.19	0.04	0	1.71	2.42	3.75	3.89	3.62	3.58	1.01
5.2	4.5	3.66	2.72	1.8	1.03	0.49	0.19	0.04	0	1.6	2.22	3.75	3.92	3.61	3.58	1
5.21	4.51	3.67	2.73	1.81	1.04	0.5	0.2	0.05	0	1.7	2.08	3.75	3.93	3.61	3.58	1
5.22	4.52	3.69	2.75	1.83	1.05	0.51	0.2	0.05	0	1.86	1.72	3.75	3.97	3.62	3.57	1
5.23	4.54	3.71	2.78	1.85	1.07	0.52	0.2	0.05	0	1.87	1.97	3.74	3.93	3.62	3.57	1
5.24	4.56	3.73	2.8	1.87	1.08	0.53	0.21	0.05	0	1.78	2.24	3.75	3.9	3.62	3.58	1
5.26	4.58	3.75	2.82	1.89	1.1	0.53	0.21	0.05	0	1.89	2.4	3.73	3.88	3.62	3.57	0.99
5.28	4.6	3.77	2.85	1.91	1.11	0.54	0.22	0.05	0	1.59	2.31	3.73	3.95	3.6	3.57	0.99
5.29	4.62	3.8	2.87	1.93	1.13	0.55	0.22	0.05	0	2.02	2.05	3.75	3.99	3.62	3.56	0.99
5.31	4.64	3.82	2.89	1.96	1.14	0.56	0.22	0.06	0	1.8	2.41	3.75	4.02	3.63	3.58	0.99
5.33	4.66	3.84	2.92	1.98	1.16	0.57	0.23	0.06	0	1.69	2.15	3.75	4.01	3.63	3.58	0.99
5.35	4.68	3.86	2.94	1.99	1.17	0.58	0.23	0.06	0	1.87	2.18	3.75	3.99	3.61	3.59	0.99
5.36	4.69	3.88	2.96	2.01	1.18	0.59	0.23	0.06	0	1.7	2.21	3.74	3.92	3.62	3.58	0.99
5.38	4.71	3.89	2.98	2.03	1.2	0.59	0.24	0.06	0	1.86	2.34	3.74	3.94	3.62	3.61	0.99
5.39	4.72	3.91	2.99	2.05	1.21	0.6	0.24	0.06	0	1.76	2.37	3.75	3.96	3.6	3.59	1
5.4	4.74	3.93	3.01	2.06	1.22	0.61	0.25	0.06	0	1.51	2.22	3.75	3.94	3.6	3.56	1
5.41	4.75	3.94	3.02	2.07	1.23	0.62	0.25	0.06	0	1.33	1.78	3.76	3.99	3.6	3.58	1
5.42	4.76	3.96	3.04	2.09	1.24	0.62	0.25	0.06	0	1.78	2.03	3.76	4.03	3.61	3.58	1
5.43	4.77	3.97	3.05	2.1	1.25	0.63	0.25	0.07	0	1.49	2.42	3.76	4.03	3.61	3.59	1
5.44	4.78	3.98	3.06	2.11	1.26	0.63	0.26	0.07	0	1.57	2.31	3.74	4.03	3.6	3.6	1
5.45	4.79	3.99	3.08	2.12	1.27	0.64	0.26	0.07	0	1.9	2.2	3.75	4.03	3.61	3.58	1
5.46	4.8	4	3.09	2.13	1.28	0.65	0.26	0.07	0	1.96	2.09	3.76	4.02	3.6	3.57	1
5.47	4.81	4.02	3.1	2.15	1.29	0.65	0.27	0.07	0	1.84	2.34	3.77	4.04	3.62	3.59	1
5.48	4.82	4.03	3.12	2.16	1.3	0.66	0.27	0.07	0	1.53	2.44	3.75	4.02	3.61	3.58	1
5.49	4.83	4.05	3.14	2.18	1.31	0.66	0.27	0.07	0	1.59	2.4	3.74	4.02	3.64	3.58	1
5.5	4.85	4.06	3.15	2.19	1.32	0.67	0.28	0.07	0	1.68	2.41	3.74	3.97	3.62	3.57	1
5.51	4.87	4.08	3.17	2.21	1.33	0.68	0.28	0.07	0	1.71	2.41	3.73	3.95	3.62	3.58	1
5.53	4.88	4.1	3.19	2.23	1.35	0.69	0.29	0.07	0	2.02	2.44	3.75	3.99	3.62	3.58	1
5.54	4.9	4.12	3.22	2.25	1.36	0.7	0.29	0.08	0	1.76	2.53	3.75	3.98	3.61	3.56	1
5.56	4.92	4.15	3.24	2.27	1.38	0.71	0.3	0.08	0	1.74	2.59	3.74	4.01	3.61	3.56	1
5.57	4.93	4.17	3.26	2.3	1.4	0.72	0.3	0.08	0	1.72	2.33	3.75	4.02	3.62	3.57	1
5.58	4.95	4.19	3.29	2.32	1.42	0.73	0.31	0.08	0	1.78	2.42	3.74	3.99	3.62	3.58	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.59	4.96	4.2	3.31	2.34	1.44	0.75	0.32	0.09	0	1.58	2.4	3.76	3.94	3.6	3.58	1
5.6	4.97	4.22	3.33	2.36	1.45	0.76	0.33	0.09	0	1.59	2.5	3.76	3.96	3.62	3.58	1
5.6	4.98	4.23	3.35	2.38	1.47	0.77	0.33	0.09	0	1.78	2.4	3.75	3.96	3.63	3.56	1
5.6	4.98	4.24	3.36	2.4	1.49	0.78	0.34	0.09	0	1.5	2.37	3.74	3.98	3.61	3.58	1
5.6	4.99	4.25	3.38	2.42	1.5	0.79	0.34	0.1	0	1.5	2.61	3.74	4.03	3.62	3.59	1
5.6	4.99	4.26	3.39	2.43	1.52	0.8	0.35	0.1	0	1.42	2.45	3.75	4.04	3.61	3.57	1
5.6	4.99	4.27	3.4	2.45	1.53	0.81	0.36	0.1	0	1.72	2.35	3.75	4.01	3.61	3.58	1
5.6	4.99	4.27	3.41	2.46	1.55	0.82	0.36	0.11	0	1.65	2.23	3.74	3.95	3.62	3.58	1
5.6	4.99	4.28	3.42	2.48	1.56	0.83	0.37	0.11	0	1.84	2.37	3.75	3.94	3.6	3.59	1
5.6	4.99	4.28	3.43	2.49	1.58	0.84	0.37	0.11	0	1.61	2.15	3.75	3.97	3.62	3.59	1
5.6	5	4.29	3.45	2.51	1.59	0.86	0.38	0.12	0	1.6	2.1	3.75	4.01	3.62	3.6	1
5.59	5	4.3	3.46	2.53	1.61	0.87	0.39	0.12	0	1.63	2.55	3.75	4.02	3.61	3.61	1
5.59	4.99	4.3	3.47	2.54	1.63	0.88	0.4	0.12	0	1.45	2.42	3.75	4.01	3.6	3.57	1
5.58	4.99	4.31	3.48	2.55	1.64	0.89	0.4	0.13	0	1.8	2.23	3.75	3.99	3.62	3.58	1
5.58	4.99	4.31	3.49	2.57	1.66	0.91	0.41	0.13	0	2	2.12	3.76	3.98	3.61	3.56	1
5.57	4.99	4.31	3.5	2.58	1.67	0.92	0.42	0.14	0	1.71	2.31	3.74	3.94	3.63	3.59	1
5.57	4.99	4.31	3.5	2.59	1.69	0.93	0.43	0.14	0	1.45	2.28	3.75	4	3.64	3.59	1
5.56	4.99	4.31	3.51	2.6	1.7	0.94	0.43	0.14	0	1.36	2.22	3.75	4.01	3.62	3.59	1
5.56	4.98	4.31	3.51	2.62	1.72	0.96	0.44	0.15	0	1.77	2.34	3.76	4.03	3.62	3.59	1
5.56	4.98	4.31	3.52	2.63	1.73	0.97	0.45	0.15	0	1.93	2.39	3.75	4	3.61	3.57	1
5.55	4.98	4.31	3.52	2.64	1.75	0.98	0.45	0.15	0	1.79	2.38	3.74	3.99	3.62	3.57	1
5.55	4.98	4.31	3.53	2.65	1.76	0.99	0.46	0.16	0	1.49	2.32	3.75	3.99	3.61	3.57	1
5.54	4.98	4.32	3.54	2.67	1.78	1.01	0.47	0.16	0	1.81	2.41	3.75	3.98	3.61	3.57	1
5.54	4.98	4.32	3.55	2.69	1.79	1.02	0.48	0.16	0	1.6	2.43	3.74	4.02	3.62	3.57	1
5.54	4.98	4.33	3.56	2.7	1.81	1.03	0.49	0.17	0	1.87	2.24	3.75	4.03	3.62	3.57	1
5.54	4.98	4.34	3.58	2.72	1.83	1.05	0.49	0.17	0	1.7	1.97	3.74	4.03	3.63	3.56	1
5.53	4.98	4.34	3.59	2.74	1.85	1.06	0.5	0.17	0	1.69	2.14	3.75	4.05	3.62	3.58	1
5.53	4.98	4.35	3.6	2.76	1.87	1.08	0.51	0.18	0	2.44	2.36	3.76	4.03	3.63	3.57	1
5.53	4.98	4.36	3.62	2.78	1.89	1.1	0.52	0.18	0	1.9	2.36	3.77	3.99	3.62	3.59	1
5.53	4.98	4.36	3.63	2.8	1.91	1.11	0.54	0.19	0	2.09	2.32	3.76	4.03	3.61	3.58	1
5.52	4.98	4.37	3.64	2.81	1.93	1.13	0.55	0.19	0	1.43	2.4	3.75	3.99	3.61	3.57	1
5.52	4.98	4.37	3.65	2.83	1.95	1.14	0.56	0.19	0	1.81	2.34	3.74	3.99	3.59	3.59	1
5.52	4.98	4.38	3.67	2.85	1.97	1.16	0.57	0.2	0	1.38	2.43	3.75	4	3.62	3.58	1
5.52	4.98	4.38	3.67	2.86	1.98	1.17	0.58	0.2	0	1.67	2.31	3.75	4.02	3.61	3.56	1
5.52	4.98	4.38	3.68	2.87	2	1.19	0.59	0.21	0	2.1	2.38	3.75	4	3.63	3.57	1
5.51	4.98	4.38	3.69	2.89	2.02	1.2	0.6	0.21	0	1.49	2.11	3.77	3.98	3.62	3.58	1
5.51	4.98	4.38	3.69	2.9	2.03	1.22	0.61	0.22	0	1.71	2.12	3.74	4.02	3.62	3.57	1
5.51	4.98	4.39	3.7	2.91	2.05	1.23	0.62	0.22	0	1.87	2.25	3.75	3.99	3.62	3.57	1
5.51	4.98	4.39	3.71	2.93	2.06	1.25	0.63	0.22	0	1.83	2.02	3.74	3.98	3.61	3.58	1
5.52	4.98	4.39	3.72	2.94	2.08	1.27	0.64	0.23	0	1.81	2.47	3.74	3.95	3.61	3.6	1
5.52	4.99	4.4	3.72	2.95	2.1	1.28	0.65	0.23	0	1.81	2.43	3.74	3.95	3.62	3.6	1
5.52	4.99	4.4	3.73	2.96	2.11	1.3	0.66	0.24	0	1.69	2.16	3.75	3.96	3.63	3.58	1
5.51	4.98	4.4	3.74	2.98	2.13	1.31	0.67	0.24	0	1.54	2.36	3.75	3.97	3.62	3.58	1
5.51	4.98	4.4	3.74	2.98	2.14	1.32	0.67	0.25	0	1.75	2.44	3.75	4.02	3.62	3.58	1
5.5	4.97	4.4	3.74	2.99	2.15	1.33	0.68	0.25	0	1.99	2.41	3.75	4.04	3.62	3.57	1
5.49	4.96	4.39	3.74	3	2.16	1.34	0.69	0.26	0	1.89	2.36	3.75	4.01	3.63	3.59	1
5.48	4.96	4.39	3.75	3	2.17	1.35	0.7	0.26	0	1.45	2.4	3.74	3.96	3.62	3.57	1
5.46	4.95	4.39	3.75	3.01	2.18	1.36	0.71	0.26	0	1.91	2.59	3.73	3.9	3.61	3.59	1
5.46	4.94	4.38	3.74	3.01	2.18	1.37	0.71	0.27	0	1.99	2.55	3.74	3.89	3.6	3.56	1
5.45	4.94	4.38	3.74	3.01	2.19	1.38	0.72	0.27	0	1.75	2.18	3.74	3.93	3.6	3.57	1
5.44	4.93	4.37	3.74	3.01	2.19	1.39	0.73	0.27	0	1.84	2.33	3.75	3.99	3.62	3.55	1
5.44	4.93	4.37	3.73	3.01	2.2	1.39	0.73	0.28	0	1.79	2.42	3.75	4.01	3.62	3.57	1
5.43	4.92	4.37	3.73	3.01	2.2	1.4	0.74	0.28	0	1.75	2.36	3.76	3.99	3.61	3.57	1
5.43	4.92	4.36	3.73	3.01	2.2	1.4	0.74	0.28	0	1.55	2.28	3.75	3.95	3.61	3.56	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.42	4.91	4.36	3.73	3.01	2.21	1.41	0.75	0.29	0	1.64	2.19	3.75	3.95	3.6	3.57	1
5.42	4.91	4.35	3.72	3.01	2.21	1.42	0.75	0.29	0	1.77	2.05	3.74	3.88	3.6	3.57	1
5.41	4.9	4.34	3.72	3.01	2.22	1.42	0.76	0.3	0	1.84	2.35	3.74	3.89	3.6	3.56	1
5.4	4.89	4.34	3.72	3.01	2.22	1.43	0.76	0.3	0	1.69	2.4	3.75	3.9	3.62	3.57	1
5.39	4.89	4.33	3.71	3.01	2.22	1.43	0.77	0.3	0	1.53	2.29	3.75	3.94	3.63	3.58	1
5.38	4.88	4.32	3.71	3.01	2.23	1.43	0.77	0.31	0	1.73	2.33	3.75	3.94	3.62	3.6	1
5.37	4.87	4.32	3.71	3.02	2.23	1.44	0.78	0.31	0	1.61	2.36	3.75	3.94	3.62	3.6	1
5.36	4.86	4.31	3.71	3.02	2.23	1.44	0.78	0.31	0	1.73	2.37	3.74	3.94	3.61	3.56	1
5.36	4.86	4.31	3.71	3.02	2.24	1.44	0.78	0.31	0	1.59	2.39	3.73	3.91	3.61	3.56	1
5.35	4.85	4.31	3.71	3.02	2.24	1.45	0.79	0.31	0	1.45	2.37	3.74	3.93	3.59	3.58	1
5.34	4.85	4.31	3.71	3.02	2.24	1.45	0.79	0.32	0	1.74	2.41	3.74	3.97	3.6	3.58	1
5.34	4.85	4.3	3.7	3.02	2.24	1.45	0.79	0.32	0	1.73	2.33	3.75	3.94	3.62	3.58	1
5.34	4.85	4.31	3.71	3.02	2.25	1.45	0.79	0.32	0	1.74	2.23	3.75	3.97	3.62	3.6	1
5.34	4.85	4.31	3.71	3.02	2.25	1.46	0.8	0.32	0	1.9	2.11	3.75	4	3.6	3.56	1
5.35	4.85	4.31	3.71	3.03	2.25	1.46	0.8	0.33	0	1.49	2.29	3.74	3.96	3.61	3.57	1
5.35	4.86	4.31	3.71	3.03	2.25	1.47	0.8	0.33	0	1.83	2.43	3.74	3.99	3.61	3.57	1
5.35	4.86	4.32	3.71	3.03	2.26	1.47	0.81	0.33	0	1.78	2.45	3.75	3.96	3.62	3.58	1
5.35	4.86	4.32	3.72	3.04	2.26	1.47	0.81	0.33	0	1.97	1.97	3.75	4.01	3.61	3.59	1
5.35	4.86	4.32	3.72	3.04	2.26	1.48	0.82	0.33	0	1.74	2.18	3.75	3.99	3.61	3.57	1
5.35	4.86	4.32	3.72	3.04	2.26	1.48	0.82	0.34	0	1.71	2.26	3.74	4.03	3.61	3.56	1
5.35	4.86	4.32	3.72	3.04	2.26	1.48	0.82	0.34	0	1.67	2.25	3.74	4	3.61	3.59	1
5.35	4.86	4.32	3.72	3.03	2.26	1.48	0.82	0.34	0	1.69	2.32	3.74	3.97	3.62	3.58	1
5.35	4.86	4.32	3.72	3.03	2.26	1.48	0.82	0.33	0	1.76	2.51	3.74	3.99	3.61	3.58	1
5.35	4.86	4.32	3.72	3.03	2.26	1.48	0.82	0.33	0	1.78	2.48	3.74	4.01	3.62	3.57	1
5.35	4.86	4.32	3.72	3.03	2.26	1.48	0.82	0.33	0	1.56	2.38	3.75	4.05	3.63	3.57	1
5.36	4.87	4.33	3.72	3.03	2.26	1.48	0.82	0.33	0	1.3	2.27	3.76	4.08	3.61	3.56	1
5.37	4.88	4.33	3.73	3.04	2.27	1.49	0.83	0.33	0	1.35	2.35	3.76	4.07	3.61	3.58	1
5.38	4.89	4.34	3.74	3.05	2.27	1.5	0.83	0.33	0	1.83	2.54	3.75	4.02	3.6	3.57	1
5.4	4.9	4.35	3.75	3.06	2.28	1.5	0.84	0.34	0	1.59	2.57	3.74	4.03	3.61	3.58	1
5.41	4.92	4.37	3.76	3.07	2.29	1.51	0.84	0.34	0	1.38	2.42	3.75	4	3.6	3.59	1
5.43	4.93	4.38	3.77	3.08	2.31	1.53	0.85	0.34	0	1.79	2.1	3.73	3.97	3.6	3.56	1
5.45	4.95	4.4	3.79	3.1	2.32	1.54	0.86	0.34	0	1.75	2.08	3.74	3.98	3.6	3.59	1
5.48	4.97	4.42	3.8	3.11	2.33	1.55	0.87	0.35	0	1.43	2.13	3.74	4.02	3.62	3.6	1
5.5	4.99	4.44	3.82	3.12	2.35	1.56	0.88	0.35	0	1.75	2.41	3.73	4.07	3.62	3.6	1
5.52	5.01	4.45	3.83	3.14	2.36	1.57	0.89	0.36	0	1.67	2.5	3.75	4.09	3.6	3.59	1
5.53	5.02	4.47	3.85	3.15	2.37	1.59	0.9	0.37	0	1.8	2.48	3.76	4.05	3.62	3.58	1
5.55	5.04	4.48	3.86	3.16	2.39	1.6	0.91	0.37	0	1.79	2.36	3.75	4.03	3.62	3.57	1
5.57	5.06	4.5	3.88	3.18	2.4	1.61	0.92	0.38	0	1.56	2.33	3.75	4	3.61	3.56	1
5.58	5.07	4.51	3.89	3.19	2.41	1.63	0.93	0.39	0	1.73	2.4	3.75	3.95	3.63	3.57	1
5.59	5.08	4.52	3.91	3.21	2.43	1.64	0.94	0.4	0	1.82	2.41	3.75	4.01	3.62	3.59	1
5.6	5.09	4.53	3.92	3.22	2.44	1.65	0.95	0.4	0	1.39	2.36	3.74	4.02	3.64	3.57	1
5.61	5.1	4.54	3.93	3.23	2.45	1.66	0.96	0.41	0	1.65	2.19	3.74	4.06	3.64	3.57	1
5.61	5.11	4.55	3.93	3.24	2.46	1.66	0.96	0.41	0	1.48	2.32	3.76	4.04	3.61	3.57	1
5.61	5.11	4.55	3.93	3.24	2.46	1.67	0.96	0.41	0	1.48	2.46	3.73	4.01	3.6	3.58	1
5.61	5.11	4.55	3.94	3.24	2.46	1.67	0.96	0.41	0	1.76	2.42	3.73	4	3.62	3.58	1
5.6	5.1	4.55	3.93	3.24	2.47	1.67	0.96	0.41	0	1.84	2.43	3.73	3.98	3.59	3.58	1
5.6	5.1	4.54	3.93	3.24	2.47	1.67	0.96	0.41	0	1.71	2.54	3.73	3.96	3.61	3.57	1
5.59	5.09	4.54	3.93	3.23	2.46	1.66	0.95	0.4	0	1.72	2.55	3.74	4	3.63	3.57	1
5.58	5.09	4.53	3.92	3.23	2.46	1.65	0.95	0.39	0	1.63	2.46	3.73	4.01	3.62	3.55	1
5.57	5.08	4.52	3.91	3.22	2.45	1.65	0.94	0.39	0	1.55	2.21	3.74	3.99	3.62	3.56	1
5.56	5.07	4.51	3.9	3.21	2.44	1.64	0.93	0.38	0	1.44	2.28	3.75	4.02	3.61	3.57	1
5.55	5.05	4.5	3.89	3.19	2.43	1.62	0.92	0.37	0	1.72	2.37	3.75	3.97	3.61	3.54	1
5.54	5.04	4.49	3.88	3.18	2.41	1.61	0.91	0.37	0	1.68	2.41	3.74	3.97	3.62	3.56	1
5.52	5.03	4.47	3.86	3.17	2.4	1.6	0.9	0.36	0	1.76	2.28	3.73	3.99	3.62	3.58	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.5	5.01	4.46	3.85	3.15	2.39	1.59	0.9	0.36	0	1.74	2.2	3.74	4.02	3.6	3.59	1
5.49	5	4.45	3.83	3.14	2.38	1.59	0.89	0.36	0	1.88	2.46	3.75	3.99	3.62	3.58	1
5.48	4.99	4.44	3.82	3.13	2.37	1.59	0.89	0.36	0	1.94	2.35	3.74	3.99	3.61	3.56	1
5.47	4.98	4.43	3.82	3.13	2.37	1.59	0.9	0.37	0	1.57	2.25	3.74	3.97	3.6	3.58	1
5.46	4.98	4.43	3.81	3.12	2.37	1.59	0.91	0.37	0	1.78	2.35	3.75	3.94	3.62	3.57	1
5.46	4.97	4.42	3.81	3.12	2.37	1.6	0.91	0.38	0	1.66	2.26	3.74	3.96	3.62	3.56	1
5.45	4.97	4.42	3.81	3.12	2.37	1.61	0.92	0.39	0	1.33	2.16	3.74	3.97	3.62	3.56	1
5.45	4.97	4.42	3.81	3.13	2.38	1.62	0.93	0.4	0	1.62	2.27	3.74	3.95	3.62	3.58	1
5.44	4.96	4.42	3.81	3.13	2.39	1.62	0.94	0.41	0	1.49	2.31	3.73	4	3.61	3.58	1
5.43	4.96	4.41	3.81	3.13	2.39	1.63	0.95	0.41	0	1.69	2.48	3.74	3.97	3.61	3.56	1
5.42	4.95	4.41	3.81	3.14	2.4	1.63	0.95	0.42	0	1.52	2.46	3.74	3.98	3.64	3.57	1
5.41	4.94	4.41	3.81	3.14	2.4	1.64	0.96	0.42	0	1.54	2.35	3.74	3.96	3.64	3.58	1
5.4	4.93	4.4	3.8	3.13	2.4	1.63	0.96	0.42	0	1.67	2.39	3.75	3.96	3.61	3.56	1
5.39	4.93	4.39	3.8	3.13	2.39	1.63	0.95	0.41	0	1.77	2.49	3.74	3.97	3.61	3.56	1
5.39	4.92	4.39	3.79	3.12	2.38	1.62	0.95	0.41	0	1.61	2.55	3.75	4	3.61	3.58	1
5.38	4.92	4.38	3.79	3.11	2.37	1.62	0.94	0.4	0	1.51	2.57	3.74	4	3.62	3.58	1
5.38	4.91	4.38	3.78	3.11	2.36	1.61	0.94	0.4	0	1.71	2.51	3.75	4.01	3.62	3.57	1
5.39	4.91	4.38	3.78	3.1	2.36	1.6	0.93	0.39	0	1.56	2.53	3.75	4	3.6	3.58	1
5.39	4.92	4.38	3.77	3.09	2.35	1.6	0.93	0.39	0	1.89	2.45	3.74	3.99	3.6	3.58	1
5.4	4.92	4.38	3.77	3.09	2.34	1.6	0.92	0.39	0	1.56	2.39	3.74	3.97	3.59	3.58	1
5.41	4.93	4.38	3.77	3.08	2.34	1.59	0.92	0.39	0	1.51	2.42	3.75	3.98	3.62	3.58	1
5.41	4.94	4.38	3.76	3.07	2.33	1.58	0.91	0.38	0	1.97	2.38	3.74	4	3.62	3.58	1
5.42	4.94	4.38	3.76	3.07	2.32	1.57	0.9	0.37	0	1.84	2.18	3.74	4	3.61	3.57	1
5.42	4.94	4.38	3.75	3.06	2.31	1.56	0.89	0.37	0	1.73	2.18	3.75	4.01	3.62	3.57	1
5.42	4.94	4.38	3.74	3.05	2.3	1.55	0.88	0.36	0	1.81	2.28	3.74	4	3.61	3.55	1
5.42	4.93	4.37	3.74	3.05	2.29	1.54	0.87	0.35	0	2.06	2.25	3.74	3.99	3.62	3.57	1
5.41	4.93	4.37	3.73	3.04	2.29	1.54	0.86	0.33	0	1.78	2.29	3.74	4.01	3.61	3.55	1
5.41	4.92	4.36	3.73	3.04	2.28	1.53	0.86	0.33	0	1.55	2.26	3.74	4	3.62	3.55	1
5.4	4.92	4.36	3.73	3.04	2.28	1.53	0.85	0.32	0	1.61	2.38	3.74	3.99	3.62	3.56	1
5.4	4.92	4.36	3.73	3.05	2.29	1.53	0.85	0.31	0	1.84	2.41	3.73	3.98	3.61	3.59	1
5.4	4.91	4.36	3.74	3.05	2.29	1.53	0.85	0.3	0	2.02	2.01	3.73	3.99	3.61	3.57	1
5.39	4.91	4.36	3.74	3.06	2.3	1.54	0.85	0.3	0	1.75	2.16	3.74	3.94	3.63	3.55	1
5.38	4.9	4.36	3.74	3.06	2.31	1.55	0.85	0.3	0	1.61	2.38	3.74	3.93	3.62	3.55	1
5.37	4.89	4.35	3.74	3.07	2.32	1.56	0.86	0.3	0	1.53	2.49	3.75	3.94	3.6	3.54	1
5.37	4.89	4.35	3.74	3.08	2.34	1.57	0.87	0.3	0	1.6	2.51	3.74	3.95	3.61	3.56	1
5.36	4.88	4.34	3.75	3.09	2.35	1.59	0.88	0.31	0	1.53	2.22	3.76	4	3.62	3.57	1.01
5.35	4.87	4.34	3.75	3.09	2.37	1.61	0.9	0.31	0	2.05	1.79	3.76	4.01	3.62	3.57	1.01
5.34	4.86	4.33	3.75	3.1	2.38	1.63	0.91	0.32	0	1.91	2.17	3.74	3.99	3.61	3.59	1.01
5.33	4.85	4.33	3.75	3.11	2.4	1.65	0.93	0.33	0	1.6	2.43	3.75	3.97	3.61	3.59	1.02
5.32	4.84	4.32	3.75	3.12	2.42	1.67	0.95	0.34	0	1.56	2.27	3.75	3.98	3.61	3.58	1.02
5.31	4.83	4.31	3.75	3.13	2.43	1.69	0.96	0.35	0	1.47	2.25	3.75	3.95	3.62	3.56	1.02
5.3	4.82	4.31	3.74	3.13	2.45	1.71	0.98	0.36	0	1.83	2.32	3.73	3.96	3.63	3.57	1.03
5.29	4.81	4.3	3.74	3.13	2.46	1.73	1	0.37	0	1.66	2.32	3.75	3.96	3.62	3.57	1.03
5.27	4.8	4.29	3.74	3.14	2.47	1.74	1.02	0.38	0	1.86	2.15	3.75	3.93	3.62	3.58	1.03
5.26	4.79	4.28	3.73	3.14	2.48	1.76	1.03	0.39	0	1.32	1.8	3.74	3.94	3.62	3.59	1.03
5.24	4.78	4.27	3.73	3.14	2.49	1.77	1.05	0.4	0	1.8	2	3.75	3.88	3.62	3.61	1.03
5.23	4.77	4.26	3.72	3.13	2.49	1.78	1.06	0.41	0	1.66	2.31	3.75	3.88	3.61	3.6	1.03
5.22	4.76	4.25	3.71	3.13	2.5	1.79	1.07	0.41	0	1.36	2.39	3.76	3.86	3.61	3.58	1.03
5.2	4.74	4.24	3.71	3.13	2.5	1.8	1.08	0.42	0	1.78	2.48	3.75	3.88	3.62	3.59	1.03
5.19	4.73	4.24	3.7	3.13	2.5	1.8	1.09	0.43	0	1.72	2.55	3.75	3.92	3.63	3.6	1.03
5.17	4.72	4.22	3.69	3.12	2.5	1.81	1.1	0.43	0	1.76	2.47	3.75	3.91	3.63	3.57	1.03
5.16	4.71	4.22	3.68	3.12	2.5	1.81	1.1	0.43	0	1.84	2.3	3.75	3.92	3.61	3.58	1.03
5.15	4.7	4.21	3.67	3.11	2.5	1.81	1.11	0.44	0	1.74	2.38	3.73	3.83	3.62	3.58	1.03
5.14	4.7	4.2	3.67	3.11	2.5	1.81	1.11	0.44	0	1.84	2.4	3.74	3.79	3.6	3.59	1.03

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.15	4.7	4.21	3.67	3.11	2.5	1.82	1.12	0.44	0	1.91	2.28	3.74	3.82	3.63	3.58	1.03
5.16	4.71	4.21	3.68	3.12	2.51	1.83	1.12	0.45	0	1.75	2.45	3.74	3.83	3.62	3.58	1.03
5.17	4.72	4.23	3.69	3.13	2.52	1.84	1.13	0.45	0	2.08	2.47	3.75	3.86	3.6	3.58	1.03
5.19	4.74	4.25	3.71	3.14	2.54	1.85	1.14	0.46	0	1.85	2.37	3.75	3.88	3.63	3.59	1.03
5.22	4.77	4.27	3.72	3.16	2.55	1.86	1.14	0.46	0	1.84	2.24	3.75	3.89	3.62	3.58	1.02
5.25	4.79	4.29	3.74	3.17	2.56	1.87	1.14	0.45	0	1.74	2.23	3.74	3.87	3.6	3.57	1.02
5.27	4.82	4.31	3.75	3.18	2.56	1.86	1.14	0.44	0	2.1	2.19	3.74	3.82	3.61	3.56	1.02
5.3	4.84	4.32	3.77	3.19	2.56	1.85	1.12	0.43	0	1.93	2.3	3.74	3.82	3.62	3.56	1.02
5.32	4.86	4.34	3.78	3.19	2.55	1.84	1.1	0.41	0	1.62	2.31	3.74	3.92	3.63	3.56	1.02
5.34	4.88	4.35	3.79	3.19	2.54	1.82	1.08	0.38	0	1.78	2.38	3.75	3.97	3.64	3.59	1.02
5.36	4.9	4.37	3.8	3.19	2.52	1.79	1.05	0.36	0	2.01	2.37	3.74	4	3.61	3.58	1.02
5.39	4.92	4.39	3.81	3.19	2.51	1.76	1.01	0.33	0	1.96	2.27	3.75	3.98	3.61	3.58	1.01
5.42	4.95	4.41	3.82	3.18	2.49	1.73	0.98	0.3	0	1.8	2.32	3.74	3.9	3.62	3.57	1.01
5.46	4.98	4.44	3.84	3.18	2.47	1.69	0.94	0.28	0	2.03	2.3	3.73	3.84	3.6	3.57	1.01
5.51	5.02	4.47	3.85	3.18	2.44	1.65	0.91	0.26	0	2.06	2.34	3.74	3.81	3.61	3.55	1.01
5.56	5.07	4.5	3.87	3.18	2.42	1.62	0.87	0.24	0	1.68	2.39	3.75	3.91	3.61	3.57	1.01
5.61	5.11	4.54	3.89	3.17	2.39	1.58	0.84	0.22	0	1.62	2.38	3.76	4	3.62	3.57	1.01
5.68	5.17	4.58	3.91	3.17	2.37	1.55	0.81	0.21	0	2	2.29	3.77	4.06	3.63	3.57	1.01
5.74	5.22	4.62	3.93	3.16	2.34	1.51	0.78	0.2	0	1.91	1.97	3.75	4.05	3.62	3.59	1.01
5.81	5.27	4.66	3.95	3.16	2.32	1.48	0.75	0.19	0	2.07	2.11	3.75	3.98	3.63	3.58	1.01
5.88	5.33	4.71	3.97	3.16	2.29	1.45	0.73	0.18	0	1.99	2.25	3.76	3.94	3.61	3.57	1.01
5.95	5.39	4.75	3.99	3.15	2.27	1.42	0.71	0.18	0	1.95	2.43	3.75	3.9	3.63	3.59	1.01
6.01	5.44	4.78	4.01	3.14	2.25	1.39	0.69	0.17	0	1.61	2.4	3.75	3.97	3.65	3.58	1.01
6.07	5.49	4.81	4.01	3.13	2.22	1.36	0.67	0.17	0	2.01	2.58	3.76	4.04	3.64	3.56	1.01
6.12	5.53	4.83	4.02	3.11	2.18	1.33	0.65	0.16	0	1.99	2.62	3.74	4.03	3.62	3.59	1.01
6.18	5.56	4.85	4.01	3.09	2.15	1.3	0.63	0.15	0	2.02	2.34	3.74	4.03	3.62	3.58	1.01
6.23	5.61	4.87	4.01	3.07	2.11	1.26	0.6	0.15	0	2.02	2.26	3.74	4	3.61	3.59	1.01
6.28	5.64	4.89	4	3.04	2.07	1.23	0.58	0.14	0	1.78	2.37	3.76	4.07	3.61	3.59	1.01
6.32	5.66	4.89	3.99	3	2.03	1.19	0.56	0.14	0	1.96	2.43	3.78	4.15	3.62	3.59	1.01
6.35	5.68	4.89	3.96	2.96	1.98	1.15	0.53	0.13	0	2.27	2.52	3.76	4.16	3.62	3.59	1.01
6.38	5.69	4.88	3.94	2.92	1.93	1.11	0.51	0.13	0	2.08	2.52	3.76	4.1	3.62	3.59	1.01
6.39	5.69	4.86	3.9	2.88	1.88	1.07	0.49	0.12	0	1.64	2.46	3.75	4.04	3.61	3.55	1.01
6.38	5.68	4.83	3.86	2.82	1.83	1.02	0.46	0.11	0	2.16	2.16	3.74	3.96	3.62	3.58	1.01
6.37	5.66	4.8	3.81	2.77	1.78	0.98	0.44	0.11	0	2.02	2.26	3.76	3.94	3.62	3.58	1.01
6.36	5.64	4.77	3.77	2.71	1.73	0.94	0.42	0.1	0	2.01	2.43	3.75	4.01	3.62	3.57	1.01
6.34	5.61	4.73	3.72	2.66	1.67	0.9	0.4	0.1	0	2.01	2.31	3.75	4.07	3.63	3.57	1.01
6.32	5.59	4.69	3.67	2.6	1.62	0.86	0.37	0.09	0	2.04	2.43	3.74	4.07	3.61	3.58	1.01
6.31	5.56	4.65	3.61	2.54	1.56	0.82	0.35	0.08	0	2.32	2.23	3.74	4.03	3.59	3.58	1.01
6.29	5.53	4.61	3.55	2.48	1.51	0.78	0.33	0.08	0	1.92	2.35	3.73	3.97	3.6	3.56	1
6.28	5.51	4.56	3.49	2.41	1.45	0.75	0.31	0.07	0	2.14	2.3	3.74	3.88	3.61	3.56	1
6.26	5.47	4.52	3.43	2.35	1.4	0.71	0.29	0.06	0	1.95	2.26	3.75	3.94	3.6	3.57	1
6.25	5.44	4.46	3.37	2.28	1.34	0.67	0.27	0.06	0	1.69	2.33	3.75	3.99	3.62	3.56	1
6.23	5.4	4.41	3.3	2.21	1.29	0.64	0.25	0.05	0	2.03	2.19	3.75	4.08	3.63	3.58	1
6.2	5.36	4.35	3.24	2.15	1.24	0.61	0.24	0.05	0	1.91	2.35	3.74	4.08	3.63	3.58	1
6.17	5.31	4.29	3.17	2.09	1.19	0.58	0.22	0.04	0	1.77	2.35	3.75	4.08	3.62	3.59	1
6.14	5.27	4.23	3.11	2.03	1.15	0.55	0.21	0.04	0	1.55	2.46	3.74	4.05	3.61	3.58	1
6.1	5.21	4.17	3.05	1.98	1.11	0.52	0.2	0.04	0	2	2.38	3.73	4.02	3.62	3.58	1
6.06	5.16	4.11	2.99	1.92	1.07	0.5	0.19	0.04	0	1.86	2.49	3.75	3.99	3.62	3.58	1
6.02	5.12	4.06	2.94	1.88	1.03	0.48	0.18	0.04	0	1.94	2.56	3.75	3.99	3.61	3.56	1
5.99	5.07	4.01	2.88	1.83	1	0.46	0.17	0.03	0	1.83	2.56	3.74	3.99	3.62	3.57	1
5.95	5.02	3.95	2.83	1.79	0.97	0.44	0.16	0.03	0	1.85	2.47	3.73	4.04	3.61	3.57	1
5.92	4.98	3.9	2.78	1.75	0.94	0.42	0.16	0.03	0	1.99	2.34	3.75	4.06	3.62	3.59	1
5.88	4.93	3.85	2.73	1.71	0.92	0.41	0.15	0.03	0	1.85	2.24	3.75	4.09	3.61	3.58	0.99
5.84	4.89	3.8	2.69	1.67	0.89	0.39	0.14	0.03	0	1.82	2.11	3.74	4.1	3.61	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.8	4.84	3.76	2.64	1.64	0.86	0.38	0.14	0.02	0	1.4	2.42	3.73	4.07	3.6	3.56	0.99
5.76	4.79	3.71	2.6	1.6	0.84	0.36	0.13	0.02	0	1.71	2.49	3.72	4.04	3.61	3.57	0.99
5.73	4.75	3.67	2.56	1.57	0.82	0.35	0.12	0.02	0	1.93	2.49	3.74	4.01	3.61	3.56	0.99
5.69	4.71	3.62	2.53	1.54	0.79	0.33	0.12	0.02	0	1.9	2.45	3.75	4.01	3.62	3.56	0.99
5.66	4.68	3.58	2.49	1.51	0.77	0.32	0.11	0.02	0	1.71	2.51	3.74	4.03	3.6	3.54	0.99
5.63	4.64	3.55	2.45	1.48	0.75	0.31	0.1	0.02	0	1.81	2.49	3.74	4.08	3.61	3.56	0.99
5.6	4.6	3.51	2.42	1.45	0.72	0.29	0.1	0.02	0	1.8	2.4	3.75	4.05	3.6	3.57	0.99
5.56	4.57	3.47	2.39	1.42	0.7	0.28	0.09	0.01	0	1.41	2.33	3.74	4.1	3.61	3.59	0.99
5.53	4.53	3.43	2.35	1.39	0.67	0.27	0.08	0.01	0	1.99	2.33	3.74	4.09	3.62	3.6	0.99
5.49	4.49	3.4	2.31	1.35	0.65	0.25	0.08	0.01	0	2.04	2.4	3.74	4.03	3.62	3.59	1
5.45	4.45	3.35	2.27	1.32	0.62	0.24	0.07	0.01	0	1.76	2.06	3.74	4.04	3.61	3.56	1
5.4	4.4	3.31	2.23	1.28	0.6	0.23	0.07	0.01	0	1.83	2.3	3.75	4.02	3.62	3.6	1
5.36	4.35	3.26	2.18	1.24	0.57	0.21	0.07	0.01	0	1.97	2.34	3.75	3.98	3.62	3.58	1
5.31	4.3	3.2	2.12	1.19	0.54	0.2	0.06	0.01	0	1.8	2.25	3.74	3.98	3.59	3.56	1
5.26	4.25	3.14	2.06	1.14	0.52	0.19	0.06	0.01	0	1.48	2.42	3.74	3.96	3.61	3.56	1
5.22	4.19	3.08	2	1.1	0.49	0.17	0.05	0.008	0	1.8	2.37	3.75	4.02	3.62	3.58	1.01
5.16	4.12	3.01	1.93	1.04	0.46	0.16	0.05	0.006	0	1.88	2.49	3.76	4.04	3.61	3.58	1.01
5.11	4.05	2.93	1.86	0.99	0.43	0.15	0.04	0.005	0	1.6	2.34	3.75	4.03	3.63	3.59	1.01
5.05	3.98	2.85	1.79	0.94	0.4	0.14	0.04	0.003	0	1.89	2.2	3.77	3.99	3.63	3.58	1.01
4.98	3.9	2.77	1.72	0.89	0.38	0.13	0.04	0.001	0	1.76	2.4	3.75	3.96	3.63	3.58	1.02
4.92	3.82	2.68	1.64	0.84	0.36	0.12	0.03	-0.001	0	1.77	2.47	3.75	3.95	3.62	3.6	1.02
4.84	3.73	2.6	1.57	0.79	0.33	0.11	0.03	-0.002	0	1.85	2.53	3.75	3.92	3.62	3.59	1.02
4.77	3.65	2.51	1.5	0.75	0.31	0.1	0.03	-0.003	0	1.82	2.5	3.76	3.93	3.62	3.59	1.02
4.7	3.57	2.43	1.43	0.7	0.29	0.1	0.02	-0.005	0	1.55	2.43	3.76	3.91	3.62	3.56	1.02
4.62	3.49	2.36	1.37	0.66	0.27	0.09	0.02	-0.005	0	1.25	2.17	3.76	3.86	3.61	3.57	1.02
4.54	3.41	2.29	1.31	0.63	0.25	0.08	0.02	-0.005	0	1.92	2.36	3.74	3.81	3.61	3.59	1.02
4.47	3.34	2.22	1.26	0.59	0.23	0.08	0.02	-0.006	0	1.82	2.47	3.75	3.81	3.63	3.58	1.02
4.4	3.27	2.16	1.21	0.57	0.22	0.07	0.01	-0.006	0	1.73	2.39	3.75	3.85	3.6	3.6	1.02
4.34	3.21	2.1	1.16	0.54	0.2	0.07	0.01	-0.006	0	1.96	2.19	3.75	3.84	3.61	3.58	1.02
4.27	3.15	2.05	1.12	0.51	0.19	0.06	0.01	-0.006	0	2.02	2.36	3.75	3.87	3.62	3.6	1.01
4.21	3.09	2	1.09	0.49	0.18	0.06	0.01	-0.005	0	2.04	2.02	3.76	3.88	3.62	3.59	1.01
4.16	3.03	1.94	1.05	0.47	0.17	0.05	0.01	-0.004	0	2.38	2.25	3.74	3.85	3.61	3.58	1.01
4.1	2.97	1.89	1.02	0.45	0.17	0.05	0.01	-0.003	0	2.09	2.43	3.75	3.81	3.62	3.56	1.01
4.05	2.92	1.84	0.98	0.43	0.16	0.05	0.01	0	0	2.14	2.35	3.75	3.83	3.62	3.59	1
4	2.85	1.78	0.94	0.41	0.15	0.05	0.01	0.002	0	2.18	2.23	3.76	3.81	3.63	3.56	1
3.94	2.79	1.72	0.9	0.39	0.15	0.05	0.01	0.004	0	2.18	2.51	3.75	3.86	3.6	3.56	1
3.87	2.71	1.65	0.86	0.37	0.14	0.05	0.01	0.005	0	2.05	2.57	3.74	3.94	3.6	3.58	1
3.79	2.61	1.58	0.81	0.35	0.13	0.04	0.01	0.006	0	1.91	2.52	3.77	4.08	3.61	3.62	1
3.68	2.51	1.5	0.76	0.33	0.12	0.04	0.01	0.008	0	2.09	2.5	3.76	4.12	3.63	3.64	1
3.57	2.4	1.41	0.71	0.31	0.12	0.04	0.01	0.008	0	1.95	2.41	3.77	4.12	3.65	3.63	1
3.43	2.28	1.33	0.66	0.29	0.11	0.04	0.02	0.01	0	2.17	2.26	3.76	4.03	3.62	3.6	1
3.3	2.16	1.25	0.62	0.27	0.11	0.04	0.02	0.01	0	2.07	2.41	3.75	3.88	3.62	3.58	1
3.16	2.05	1.17	0.59	0.26	0.11	0.04	0.02	0.01	0	2.23	2.56	3.73	3.85	3.61	3.6	1
3.02	1.93	1.1	0.55	0.25	0.11	0.05	0.02	0.01	0	2.49	2.49	3.76	3.91	3.61	3.59	1
2.89	1.82	1.03	0.52	0.24	0.11	0.05	0.02	0.01	0	2.29	2.39	3.76	3.9	3.6	3.58	1
2.77	1.72	0.96	0.49	0.23	0.11	0.05	0.03	0.01	0	1.67	2.41	3.76	3.83	3.61	3.57	1
2.66	1.63	0.9	0.46	0.22	0.11	0.05	0.03	0.01	0	2.22	2.48	3.76	3.9	3.62	3.59	1
2.55	1.54	0.85	0.43	0.21	0.11	0.05	0.03	0.01	0	2.07	2.53	3.77	3.99	3.65	3.6	1
2.46	1.47	0.8	0.41	0.21	0.1	0.05	0.03	0.01	0	2.11	2.04	3.76	3.98	3.64	3.6	1
2.38	1.39	0.75	0.38	0.2	0.1	0.05	0.03	0.01	0	1.9	2.15	3.76	3.97	3.62	3.59	1
2.3	1.32	0.7	0.36	0.19	0.1	0.05	0.03	0.01	0	1.38	2.31	3.76	3.89	3.61	3.59	1
2.23	1.26	0.66	0.34	0.18	0.09	0.05	0.02	0.01	0	2.08	2.29	3.74	3.85	3.61	3.58	1
2.15	1.2	0.62	0.32	0.17	0.09	0.05	0.02	0.01	0	2.22	2.37	3.74	3.83	3.6	3.56	1
2.08	1.15	0.59	0.3	0.16	0.09	0.05	0.02	0.01	0	1.86	2.15	3.76	3.87	3.63	3.55	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.01	1.09	0.56	0.28	0.15	0.08	0.04	0.02	0.01	0	1.98	2.18	3.76	3.97	3.62	3.56	1
1.94	1.04	0.53	0.27	0.14	0.08	0.04	0.02	0.01	0	2.36	2.32	3.77	4.08	3.63	3.59	1
1.86	0.99	0.5	0.25	0.14	0.08	0.04	0.02	0.01	0	1.89	2.4	3.76	4.12	3.63	3.62	1
1.78	0.95	0.48	0.24	0.13	0.07	0.04	0.02	0.009	0	2.08	2.47	3.77	4.06	3.62	3.6	1
1.69	0.9	0.45	0.23	0.12	0.07	0.04	0.02	0.007	0	1.51	2.26	3.76	3.99	3.61	3.59	1
1.6	0.85	0.43	0.22	0.12	0.07	0.03	0.02	0.006	0	2.05	1.56	3.73	3.89	3.62	3.57	1
1.51	0.81	0.41	0.21	0.11	0.06	0.03	0.01	0.005	0	2.29	2.28	3.74	3.86	3.62	3.56	1
1.42	0.77	0.4	0.2	0.11	0.06	0.03	0.01	0.005	0	1.92	2.4	3.76	3.95	3.63	3.57	1
1.34	0.73	0.38	0.2	0.11	0.06	0.03	0.01	0.006	0	2.03	2.55	3.76	4.1	3.63	3.58	1
1.26	0.69	0.37	0.19	0.1	0.06	0.03	0.01	0.006	0	2.14	2.48	3.77	4.16	3.63	3.59	1
1.19	0.66	0.35	0.19	0.1	0.06	0.03	0.01	0.006	0	2.2	2.05	3.77	4.17	3.63	3.61	1
1.12	0.63	0.34	0.18	0.1	0.05	0.03	0.01	0.006	0	1.72	2.14	3.76	4.13	3.62	3.6	1
1.06	0.6	0.32	0.17	0.1	0.05	0.03	0.01	0.006	0	1.82	2.44	3.75	4.08	3.65	3.61	1
1	0.57	0.31	0.17	0.09	0.05	0.03	0.01	0.005	0	1.85	2.42	3.76	3.99	3.64	3.59	1
0.95	0.54	0.3	0.16	0.09	0.05	0.02	0.01	0.005	0	2.11	2.59	3.75	3.92	3.63	3.57	1
0.9	0.52	0.29	0.16	0.09	0.04	0.02	0.01	0.003	0	1.93	2.36	3.75	3.95	3.63	3.59	1
0.86	0.49	0.27	0.15	0.08	0.04	0.02	0.008	0.002	0	1.67	2.32	3.76	4.01	3.64	3.6	1
0.83	0.47	0.26	0.14	0.08	0.04	0.01	0.006	0.002	0	2.07	2.59	3.77	4.03	3.62	3.59	1
0.8	0.46	0.26	0.14	0.07	0.03	0.01	0.005	0.001	0	1.9	2.45	3.75	4.04	3.63	3.59	1
0.78	0.45	0.25	0.14	0.07	0.03	0.01	0.004	0.002	0	1.73	2.29	3.75	4.03	3.6	3.56	1
0.76	0.44	0.25	0.14	0.07	0.03	0.01	0.003	0.002	0	1.76	2.38	3.75	3.98	3.61	3.57	1
0.75	0.43	0.24	0.14	0.07	0.03	0.01	0.003	0.002	0	1.93	2.25	3.76	3.94	3.61	3.57	1
0.73	0.42	0.24	0.14	0.07	0.03	0.01	0.004	0.002	0	1.79	2.3	3.75	3.94	3.63	3.58	1
0.72	0.42	0.24	0.14	0.07	0.03	0.01	0.004	0.002	0	1.88	2.35	3.75	3.92	3.62	3.59	1
0.72	0.41	0.24	0.14	0.07	0.04	0.01	0.004	0.002	0	1.77	2.3	3.76	3.98	3.62	3.59	1
0.71	0.41	0.24	0.14	0.07	0.04	0.01	0.005	0.002	0	2.05	2.36	3.77	4.09	3.63	3.6	0.99
0.7	0.4	0.24	0.14	0.07	0.04	0.01	0.005	0.002	0	1.95	2.21	3.76	4.17	3.64	3.6	0.99
5.03	4.01	2.9	1.84	0.98	0.42	0.14	0.03	-0.001	0	1.74	2.56	3.73	4.09	3.61	3.63	0.96
5.02	4	2.9	1.85	0.99	0.42	0.14	0.03	0.001	0	1.8	2.54	3.74	4.1	3.62	3.62	0.95
5.01	4	2.9	1.85	0.99	0.43	0.15	0.04	0.003	0	1.56	2.35	3.74	4.13	3.64	3.65	0.95
5	3.99	2.9	1.85	0.99	0.43	0.15	0.04	0.005	0	2.2	2.48	3.75	4.13	3.63	3.66	0.95
5	3.99	2.9	1.85	1	0.43	0.15	0.04	0.007	0	2.19	2.59	3.75	4.18	3.64	3.65	0.95
5	4	2.91	1.86	1	0.43	0.15	0.04	0.007	0	1.42	2.51	3.76	4.14	3.64	3.64	0.95
5	4.01	2.92	1.86	0.99	0.43	0.15	0.04	0.006	0	2.17	2.49	3.74	4.15	3.63	3.64	0.95
5.02	4.03	2.93	1.87	0.99	0.42	0.14	0.04	0.003	0	1.98	2.4	3.74	4.14	3.61	3.63	0.95
5.03	4.05	2.95	1.87	0.99	0.42	0.14	0.03	0	0	1.97	2.31	3.75	4.19	3.63	3.66	0.95
5.05	4.07	2.96	1.88	0.99	0.41	0.13	0.03	-0.002	0	2.18	2.38	3.75	4.2	3.62	3.67	0.95
5.07	4.09	2.98	1.9	1	0.41	0.13	0.03	-0.002	0	1.47	2.45	3.75	4.19	3.63	3.62	0.96
5.09	4.11	3	1.91	1	0.41	0.13	0.03	-0.002	0	2.04	2.47	3.75	4.17	3.61	3.61	0.96
5.09	4.12	3.01	1.92	1.01	0.42	0.13	0.03	-0.002	0	2.18	2.44	3.74	4.17	3.62	3.63	0.96
5.1	4.12	3.02	1.93	1.01	0.42	0.13	0.03	-0.002	0	1.98	2.44	3.74	4.17	3.63	3.65	0.96
5.1	4.12	3.03	1.93	1.02	0.42	0.13	0.03	-0.002	0	2.19	2.33	3.75	4.19	3.63	3.64	0.96
5.1	4.13	3.03	1.94	1.02	0.42	0.13	0.03	-0.002	0	2.13	2.42	3.75	4.2	3.6	3.61	0.97
5.1	4.12	3.03	1.94	1.02	0.42	0.13	0.03	-0.002	0	1.79	2.47	3.74	4.16	3.62	3.65	0.97
5.11	4.12	3.03	1.93	1.02	0.42	0.13	0.03	-0.001	0	2.04	2.57	3.74	4.15	3.61	3.62	0.97
5.12	4.12	3.02	1.92	1.01	0.42	0.13	0.03	-0.001	0	1.95	2.52	3.76	4.13	3.62	3.63	0.97
5.14	4.13	3.01	1.91	1	0.41	0.13	0.03	-0.001	0	1.7	2.53	3.76	4.11	3.6	3.65	0.97
5.15	4.13	3	1.9	0.99	0.41	0.13	0.03	-0.001	0	1.7	2.31	3.74	4.1	3.61	3.6	0.97
5.17	4.13	2.99	1.87	0.97	0.4	0.13	0.03	-0.001	0	1.64	2.36	3.74	4.07	3.6	3.59	0.97
5.19	4.13	2.97	1.85	0.96	0.39	0.13	0.03	-0.001	0	1.65	2.36	3.73	4.03	3.6	3.58	0.97
5.2	4.12	2.94	1.82	0.93	0.38	0.13	0.03	-0.002	0	2.02	2.35	3.76	4.02	3.61	3.57	0.98
5.21	4.1	2.91	1.78	0.91	0.37	0.13	0.03	-0.002	0	1.84	2.24	3.75	3.98	3.63	3.57	0.98
5.2	4.07	2.86	1.74	0.88	0.35	0.12	0.03	-0.003	0	1.69	2.3	3.75	3.95	3.62	3.57	0.98
5.18	4.03	2.81	1.7	0.85	0.34	0.12	0.03	-0.002	0	1.44	2.42	3.77	4	3.62	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.14	3.98	2.76	1.65	0.82	0.33	0.12	0.03	0.001	0	1.64	2.43	3.76	4.02	3.64	3.58	0.98
5.1	3.92	2.7	1.6	0.79	0.32	0.12	0.03	0.003	0	1.77	2.33	3.76	3.97	3.63	3.57	0.98
5.04	3.85	2.64	1.56	0.77	0.32	0.12	0.03	0.006	0	1.69	2.24	3.75	3.89	3.61	3.58	0.98
4.98	3.78	2.57	1.51	0.75	0.31	0.12	0.03	0.009	0	1.78	2.32	3.74	3.82	3.63	3.58	0.98
4.92	3.71	2.52	1.47	0.73	0.31	0.11	0.04	0.01	0	2.05	2.26	3.75	3.81	3.63	3.58	0.98
4.87	3.66	2.46	1.44	0.71	0.3	0.11	0.04	0.01	0	1.77	2.15	3.74	3.85	3.63	3.58	0.97
4.83	3.6	2.42	1.41	0.7	0.3	0.11	0.04	0.01	0	1.8	2.21	3.74	3.85	3.62	3.57	0.97
4.79	3.56	2.37	1.38	0.68	0.3	0.11	0.04	0.01	0	1.99	2.56	3.75	3.86	3.63	3.59	0.97
4.76	3.52	2.34	1.35	0.67	0.29	0.11	0.04	0.01	0	1.68	2.33	3.75	3.8	3.6	3.59	0.97
4.74	3.49	2.31	1.33	0.66	0.29	0.11	0.04	0.01	0	1.75	2.21	3.74	3.75	3.61	3.6	0.97
4.72	3.47	2.28	1.31	0.65	0.28	0.11	0.04	0.02	0	1.85	2.24	3.75	3.82	3.62	3.59	0.97
4.7	3.45	2.26	1.29	0.64	0.28	0.11	0.04	0.02	0	1.56	2.35	3.76	3.87	3.62	3.57	0.97
4.68	3.42	2.24	1.28	0.64	0.28	0.11	0.04	0.02	0	1.63	2.35	3.76	3.9	3.63	3.6	0.97
4.65	3.4	2.22	1.27	0.63	0.28	0.11	0.04	0.02	0	1.58	2.3	3.75	3.93	3.63	3.58	0.97
4.63	3.38	2.21	1.27	0.63	0.28	0.12	0.04	0.02	0	1.33	2.48	3.75	3.88	3.62	3.58	0.97
4.6	3.35	2.19	1.26	0.64	0.29	0.12	0.05	0.02	0	1.76	2.41	3.74	3.8	3.64	3.59	0.97
4.56	3.33	2.18	1.26	0.64	0.29	0.12	0.05	0.02	0	1.88	2.31	3.73	3.74	3.63	3.61	0.97
4.53	3.3	2.17	1.26	0.64	0.29	0.12	0.05	0.02	0	1.58	2.38	3.74	3.75	3.63	3.6	0.97
4.51	3.29	2.17	1.26	0.65	0.29	0.11	0.04	0.01	0	1.48	2.5	3.75	3.79	3.63	3.59	0.97
4.49	3.28	2.16	1.27	0.65	0.29	0.11	0.04	0.01	0	1.99	2.36	3.75	3.8	3.62	3.6	0.97
4.48	3.28	2.17	1.27	0.66	0.29	0.11	0.04	0.01	0	1.89	2.16	3.74	3.8	3.64	3.6	0.97
4.49	3.29	2.18	1.28	0.66	0.3	0.11	0.04	0.007	0	1.84	2.33	3.75	3.79	3.63	3.61	0.97
4.51	3.31	2.2	1.3	0.68	0.3	0.11	0.03	0.004	0	1.86	2.37	3.75	3.78	3.65	3.59	0.97
4.54	3.34	2.23	1.33	0.69	0.31	0.12	0.03	0.003	0	1.66	2.41	3.75	3.82	3.64	3.59	0.97
4.59	3.39	2.28	1.37	0.73	0.33	0.13	0.04	0.002	0	1.56	2.48	3.75	3.89	3.65	3.59	0.97
4.64	3.45	2.33	1.42	0.76	0.35	0.14	0.04	0.002	0	2.02	2.4	3.75	3.91	3.67	3.61	0.97
4.69	3.51	2.4	1.47	0.79	0.37	0.15	0.04	0.001	0	2.19	2.4	3.74	3.85	3.64	3.62	0.97
4.76	3.58	2.47	1.52	0.83	0.39	0.16	0.05	0.002	0	2.04	2.36	3.74	3.78	3.61	3.62	0.97
4.83	3.66	2.55	1.59	0.88	0.42	0.17	0.05	0.002	0	1.66	2.33	3.73	3.77	3.62	3.58	0.97
4.89	3.75	2.63	1.66	0.92	0.45	0.18	0.05	0.003	0	2.1	2.14	3.74	3.77	3.6	3.57	0.97
4.97	3.84	2.72	1.74	0.98	0.47	0.19	0.06	0.005	0	2.07	2.19	3.74	3.82	3.62	3.58	0.97
5.05	3.94	2.82	1.82	1.03	0.51	0.21	0.06	0.007	0	1.87	2.44	3.75	3.88	3.63	3.55	0.97
5.13	4.04	2.92	1.91	1.09	0.54	0.23	0.07	0.009	0	1.83	2.59	3.75	3.93	3.63	3.58	0.97
5.21	4.14	3.03	1.99	1.15	0.58	0.24	0.08	0.01	0	1.89	2.49	3.76	3.95	3.62	3.56	0.98
5.29	4.24	3.13	2.09	1.22	0.62	0.26	0.08	0.01	0	1.68	2.41	3.75	3.93	3.61	3.59	0.98
5.37	4.33	3.24	2.19	1.3	0.66	0.29	0.09	0.01	0	2.16	2.38	3.75	3.92	3.63	3.59	0.98
5.44	4.43	3.34	2.28	1.37	0.71	0.31	0.1	0.02	0	2.14	2.52	3.75	3.87	3.62	3.58	0.98
5.51	4.52	3.45	2.39	1.46	0.77	0.34	0.12	0.02	0	1.61	2.65	3.75	3.97	3.63	3.59	0.98
5.58	4.61	3.55	2.49	1.54	0.82	0.37	0.13	0.03	0	1.93	2.53	3.76	4.02	3.64	3.62	0.98
5.65	4.7	3.65	2.59	1.63	0.88	0.4	0.15	0.03	0	2.14	2.44	3.76	4	3.61	3.61	0.98
5.72	4.79	3.75	2.69	1.72	0.95	0.44	0.16	0.04	0	1.43	2.45	3.75	3.99	3.63	3.59	0.99
5.78	4.87	3.85	2.8	1.81	1.02	0.48	0.18	0.04	0	1.59	2.32	3.75	3.98	3.63	3.58	0.99
5.83	4.94	3.94	2.9	1.91	1.09	0.52	0.2	0.05	0	1.62	2.42	3.74	3.97	3.61	3.59	0.99
5.88	5.01	4.03	3	2	1.16	0.56	0.21	0.05	0	1.66	2.21	3.76	3.96	3.62	3.58	0.99
5.92	5.08	4.13	3.1	2.1	1.24	0.6	0.23	0.06	0	1.85	2.21	3.75	4.03	3.64	3.62	0.99
5.96	5.14	4.21	3.21	2.2	1.32	0.65	0.25	0.07	0	1.88	2.4	3.75	4.07	3.63	3.61	0.99
5.99	5.2	4.3	3.31	2.31	1.4	0.71	0.28	0.07	0	1.3	2.25	3.76	4.05	3.62	3.61	0.99
6.01	5.25	4.38	3.41	2.41	1.49	0.76	0.31	0.08	0	1.53	2.31	3.75	4.04	3.63	3.58	0.99
6.02	5.3	4.45	3.5	2.51	1.57	0.82	0.34	0.09	0	1.6	2.33	3.75	4	3.62	3.59	0.99
6.02	5.33	4.52	3.59	2.6	1.66	0.88	0.38	0.1	0	1.57	2.53	3.75	4.01	3.63	3.58	0.99
6.02	5.35	4.57	3.67	2.69	1.74	0.94	0.41	0.11	0	1.79	2.4	3.77	4	3.64	3.6	0.99
6.01	5.37	4.61	3.74	2.77	1.82	1	0.44	0.12	0	1.97	2.42	3.75	4.04	3.6	3.61	0.98
6	5.38	4.66	3.81	2.86	1.9	1.06	0.48	0.13	0	1.88	2.34	3.75	3.99	3.63	3.58	0.98
5.98	5.39	4.69	3.86	2.93	1.97	1.12	0.51	0.14	0	1.99	2.36	3.74	4.03	3.62	3.56	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.96	5.38	4.71	3.91	3	2.04	1.17	0.54	0.15	0	1.75	2.43	3.74	4.05	3.59	3.58	0.98
5.94	5.39	4.73	3.96	3.06	2.11	1.23	0.57	0.16	0	1.74	2.53	3.75	4.08	3.6	3.6	0.98
5.93	5.38	4.75	3.99	3.12	2.17	1.28	0.6	0.17	0	1.95	2.33	3.75	4.08	3.6	3.6	0.97
5.91	5.37	4.75	4.02	3.16	2.22	1.32	0.63	0.18	0	1.97	2.39	3.73	4.01	3.62	3.58	0.97
5.9	5.37	4.77	4.05	3.2	2.27	1.37	0.66	0.19	0	1.85	2.37	3.75	4	3.61	3.58	0.97
5.89	5.37	4.77	4.07	3.24	2.31	1.41	0.68	0.2	0	1.77	2.4	3.75	4.03	3.61	3.58	0.98
5.89	5.37	4.77	4.09	3.27	2.35	1.45	0.71	0.21	0	1.96	2.26	3.74	4.02	3.63	3.6	0.98
5.87	5.35	4.77	4.09	3.29	2.38	1.48	0.73	0.22	0	1.61	2.28	3.75	4.03	3.61	3.58	0.98
5.85	5.33	4.76	4.09	3.3	2.41	1.51	0.75	0.22	0	1.4	2.36	3.76	4.1	3.62	3.6	0.98
5.83	5.32	4.74	4.09	3.32	2.44	1.54	0.78	0.23	0	2.13	2.48	3.76	4.16	3.6	3.59	0.99
5.81	5.3	4.73	4.09	3.34	2.47	1.57	0.8	0.24	0	2.39	2.5	3.75	4.16	3.61	3.62	0.99
5.79	5.28	4.72	4.09	3.35	2.49	1.6	0.82	0.24	0	2.04	2.36	3.77	4.11	3.63	3.6	0.99
5.76	5.26	4.71	4.09	3.36	2.52	1.63	0.85	0.25	0	1.75	2.33	3.77	4.08	3.63	3.57	0.99
5.75	5.25	4.7	4.09	3.38	2.55	1.67	0.88	0.27	0	1.87	2.3	3.75	3.97	3.59	3.58	0.99
5.73	5.23	4.69	4.09	3.39	2.58	1.7	0.91	0.29	0	2.13	2.24	3.74	3.84	3.6	3.55	0.99
5.72	5.23	4.69	4.1	3.41	2.61	1.74	0.94	0.3	0	2.01	2.32	3.73	3.79	3.61	3.57	1
5.71	5.22	4.68	4.1	3.42	2.63	1.77	0.97	0.32	0	2.1	2.39	3.74	3.88	3.62	3.56	1
5.7	5.21	4.68	4.1	3.43	2.65	1.8	1	0.34	0	1.79	2.38	3.76	4.06	3.64	3.56	1
5.69	5.2	4.67	4.1	3.44	2.67	1.83	1.03	0.36	0	2.13	2.48	3.77	4.16	3.61	3.6	1
5.68	5.2	4.67	4.1	3.45	2.7	1.86	1.06	0.39	0	2.34	2.52	3.78	4.2	3.62	3.63	1
5.67	5.19	4.67	4.1	3.46	2.72	1.89	1.09	0.41	0	2.27	2.39	3.78	4.19	3.65	3.63	1.01
5.66	5.18	4.67	4.1	3.47	2.74	1.92	1.12	0.44	0	1.43	2.18	3.77	4.14	3.63	3.59	1.01
5.65	5.18	4.66	4.1	3.48	2.75	1.94	1.15	0.47	0	1.95	2.27	3.75	4.07	3.6	3.59	1.01
5.64	5.16	4.65	4.1	3.48	2.76	1.96	1.18	0.49	0	1.9	2.47	3.75	4.02	3.63	3.58	1.01
5.61	5.14	4.64	4.09	3.48	2.76	1.97	1.19	0.51	0	1.85	2.35	3.75	3.98	3.62	3.58	1.01
5.59	5.12	4.62	4.07	3.47	2.76	1.98	1.21	0.53	0	1.32	2.17	3.77	3.96	3.59	3.59	1.01
5.56	5.1	4.6	4.06	3.45	2.76	1.99	1.22	0.54	0	1.84	1.94	3.75	3.95	3.6	3.58	1.01
5.53	5.07	4.57	4.04	3.44	2.75	1.98	1.23	0.55	0	1.79	2.41	3.75	3.97	3.63	3.59	1.01
5.5	5.04	4.54	4.01	3.42	2.73	1.98	1.23	0.55	0	1.69	2.41	3.76	3.98	3.63	3.59	1.01
5.46	5	4.51	3.98	3.39	2.71	1.97	1.23	0.56	0	1.7	2.3	3.77	3.99	3.62	3.58	1.01
5.42	4.96	4.48	3.95	3.36	2.69	1.96	1.23	0.55	0	1.48	2.38	3.76	3.93	3.62	3.57	1.01
5.38	4.93	4.44	3.91	3.33	2.67	1.95	1.22	0.55	0	1.65	2.35	3.75	3.89	3.62	3.56	1.01
5.34	4.89	4.4	3.88	3.3	2.65	1.94	1.21	0.54	0	1.72	2.32	3.76	3.88	3.62	3.56	1.01
5.3	4.85	4.37	3.84	3.27	2.62	1.92	1.2	0.54	0	1.77	2.43	3.76	3.87	3.64	3.59	1.01
5.26	4.81	4.33	3.81	3.24	2.6	1.9	1.19	0.53	0	1.91	2.33	3.75	3.88	3.64	3.59	1.01
5.21	4.77	4.29	3.77	3.21	2.57	1.89	1.18	0.52	0	1.87	2.44	3.74	3.85	3.61	3.59	1.01
5.17	4.73	4.25	3.74	3.17	2.55	1.87	1.17	0.51	0	1.75	2.46	3.75	3.87	3.64	3.6	1.02
5.13	4.68	4.21	3.7	3.14	2.52	1.85	1.16	0.51	0	1.63	2.1	3.75	3.89	3.63	3.6	1.02
5.08	4.64	4.17	3.66	3.1	2.5	1.84	1.16	0.5	0	1.66	2.28	3.76	3.96	3.65	3.58	1.02
5.04	4.59	4.12	3.62	3.07	2.47	1.82	1.15	0.49	0	1.6	2.51	3.75	3.96	3.64	3.58	1.02
4.98	4.55	4.08	3.57	3.03	2.45	1.8	1.14	0.48	0	1.65	2.38	3.75	3.98	3.63	3.58	1.02
4.94	4.5	4.04	3.53	3	2.42	1.79	1.13	0.48	0	1.66	2.31	3.74	3.88	3.65	3.6	1.02
4.89	4.46	3.99	3.5	2.97	2.4	1.78	1.12	0.47	0	1.55	2.37	3.73	3.85	3.63	3.6	1.02
4.85	4.42	3.95	3.46	2.94	2.38	1.76	1.12	0.47	0	1.83	2.34	3.75	3.87	3.63	3.58	1.02
4.81	4.38	3.91	3.43	2.91	2.36	1.75	1.11	0.47	0	2.03	2.15	3.75	3.92	3.62	3.59	1.02
4.77	4.34	3.88	3.39	2.88	2.34	1.74	1.11	0.47	0	1.49	2.48	3.76	3.95	3.65	3.59	1.02
4.74	4.31	3.85	3.36	2.85	2.32	1.73	1.1	0.47	0	1.79	2.52	3.76	3.92	3.62	3.59	1.01
4.7	4.28	3.82	3.34	2.83	2.3	1.72	1.1	0.47	0	1.46	2.35	3.76	3.89	3.64	3.57	1.01
4.68	4.25	3.8	3.31	2.81	2.28	1.71	1.1	0.47	0	1.14	2.41	3.75	3.87	3.63	3.57	1.01
4.66	4.23	3.78	3.29	2.79	2.27	1.7	1.09	0.47	0	1.53	2.33	3.73	3.8	3.62	3.56	1.01
4.65	4.22	3.76	3.28	2.78	2.26	1.7	1.1	0.47	0	1.49	2.43	3.74	3.83	3.62	3.58	1.01
4.64	4.21	3.76	3.27	2.78	2.26	1.7	1.1	0.48	0	1.83	2.45	3.74	3.86	3.64	3.58	1.01
4.64	4.21	3.76	3.27	2.78	2.26	1.71	1.11	0.49	0	1.83	2.39	3.74	3.95	3.62	3.61	1.01
4.65	4.22	3.76	3.28	2.79	2.27	1.72	1.13	0.51	0	1.86	2.37	3.76	3.98	3.63	3.59	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.67	4.24	3.78	3.29	2.8	2.29	1.74	1.15	0.53	0	1.73	2.26	3.75	3.98	3.64	3.6	1.01
4.7	4.26	3.8	3.31	2.81	2.31	1.76	1.17	0.55	0	1.31	2.43	3.75	3.99	3.63	3.57	1.01
4.72	4.28	3.82	3.33	2.83	2.33	1.78	1.19	0.57	0	1.16	2.52	3.75	3.95	3.62	3.57	1.01
4.75	4.31	3.84	3.35	2.85	2.34	1.8	1.21	0.59	0	1.37	2.46	3.73	3.92	3.61	3.58	1.01
4.77	4.33	3.86	3.37	2.87	2.36	1.82	1.23	0.61	0	1.68	2.46	3.74	3.95	3.62	3.56	1.01
4.8	4.35	3.88	3.39	2.89	2.38	1.84	1.25	0.63	0	1.27	2.47	3.75	4.03	3.62	3.58	1.01
4.82	4.37	3.9	3.4	2.9	2.4	1.86	1.27	0.65	0	1.82	2.37	3.75	4.07	3.62	3.57	1.01
4.84	4.39	3.92	3.42	2.92	2.42	1.88	1.29	0.67	0	1.65	2.5	3.75	4.08	3.62	3.57	1.01
4.87	4.42	3.94	3.44	2.94	2.44	1.9	1.31	0.69	0	1.63	2.48	3.75	4.09	3.61	3.58	1.01
4.89	4.44	3.96	3.46	2.96	2.46	1.92	1.33	0.7	0	1.87	2.48	3.75	4.06	3.62	3.58	1.01
4.91	4.46	3.98	3.49	2.99	2.48	1.94	1.34	0.72	0	1.56	2.52	3.74	4	3.62	3.57	1.01
4.93	4.48	4	3.51	3.01	2.5	1.96	1.36	0.74	0	1.8	2.54	3.74	3.99	3.64	3.59	1.01
4.95	4.5	4.02	3.53	3.03	2.52	1.97	1.37	0.75	0	1.76	2.48	3.76	4.01	3.62	3.57	1.01
4.96	4.51	4.04	3.54	3.04	2.54	1.99	1.38	0.75	0	1.69	2.31	3.76	4.09	3.62	3.6	1.01
4.97	4.52	4.05	3.55	3.06	2.55	1.99	1.39	0.76	0	2.09	2.49	3.76	4.08	3.62	3.61	1.01
4.98	4.53	4.06	3.56	3.06	2.55	2	1.39	0.75	0	1.81	2.42	3.76	4.04	3.62	3.57	1.01
4.98	4.53	4.06	3.57	3.07	2.56	2	1.38	0.75	0	1.74	2.41	3.76	4.08	3.62	3.58	1.02
4.97	4.53	4.06	3.56	3.07	2.55	1.99	1.37	0.73	0	1.43	2.46	3.78	4.07	3.62	3.59	1.02
4.96	4.52	4.05	3.56	3.06	2.54	1.97	1.35	0.71	0	1.76	2.32	3.75	4.04	3.59	3.58	1.02
4.95	4.5	4.03	3.54	3.05	2.53	1.95	1.33	0.69	0	1.95	2.25	3.75	4.04	3.61	3.57	1.02
4.93	4.48	4.01	3.53	3.03	2.51	1.93	1.3	0.66	0	1.63	2.41	3.75	4.04	3.61	3.59	1.02
4.91	4.46	4	3.51	3.01	2.49	1.91	1.27	0.63	0	1.88	2.55	3.75	4.07	3.61	3.61	1.02
4.89	4.45	3.98	3.5	3	2.47	1.88	1.25	0.6	0	1.6	2.45	3.76	4.09	3.62	3.61	1.02
4.88	4.44	3.98	3.49	2.99	2.46	1.87	1.23	0.58	0	1.2	2.05	3.75	4.01	3.62	3.61	1.02
4.88	4.44	3.98	3.49	2.99	2.45	1.86	1.21	0.56	0	1.68	2.11	3.75	3.99	3.62	3.59	1.02
4.89	4.45	3.99	3.5	3	2.46	1.86	1.2	0.55	0	1.8	2.39	3.75	3.96	3.6	3.58	1.02
4.9	4.46	4	3.51	3.01	2.46	1.86	1.2	0.55	0	1.34	2.26	3.75	4	3.59	3.58	1.02
4.92	4.48	4.01	3.52	3.02	2.47	1.86	1.2	0.54	0	1.67	2.47	3.75	3.99	3.62	3.57	1.02
4.93	4.5	4.03	3.54	3.03	2.48	1.87	1.2	0.54	0	1.48	2.41	3.76	4.02	3.6	3.57	1.02
4.95	4.51	4.05	3.56	3.05	2.5	1.87	1.2	0.54	0	1.67	2.57	3.76	4.02	3.6	3.59	1.02
4.98	4.54	4.07	3.58	3.07	2.51	1.88	1.21	0.54	0	1.36	2.46	3.75	4.01	3.61	3.61	1.01
5	4.56	4.09	3.6	3.09	2.53	1.89	1.21	0.55	0	1.72	2.33	3.75	4	3.61	3.57	1.01
5.02	4.58	4.11	3.62	3.11	2.54	1.9	1.22	0.55	0	2.05	2.38	3.75	4	3.61	3.57	1.01
5.05	4.61	4.14	3.65	3.13	2.56	1.92	1.23	0.56	0	1.88	2.35	3.74	3.96	3.6	3.56	1.01
5.08	4.64	4.17	3.67	3.16	2.58	1.93	1.24	0.57	0	1.85	2.37	3.75	4	3.6	3.57	1.01
5.11	4.67	4.19	3.7	3.18	2.6	1.95	1.25	0.58	0	1.36	2.38	3.76	4.04	3.61	3.59	1
5.14	4.69	4.22	3.72	3.21	2.62	1.96	1.26	0.59	0	1.91	2.26	3.76	4.06	3.61	3.59	1
5.17	4.72	4.24	3.75	3.23	2.64	1.97	1.26	0.59	0	1.85	2.46	3.75	4.07	3.63	3.58	1
5.19	4.74	4.26	3.76	3.24	2.65	1.98	1.27	0.59	0	1.86	2.28	3.76	4.03	3.62	3.58	1
5.21	4.76	4.28	3.78	3.26	2.66	1.98	1.27	0.59	0	1.8	1.86	3.74	4.01	3.59	3.58	1
5.23	4.78	4.3	3.79	3.26	2.66	1.98	1.26	0.59	0	1.4	2.18	3.74	3.95	3.59	3.59	1
5.24	4.79	4.31	3.8	3.27	2.66	1.97	1.25	0.58	0	1.67	2.24	3.75	4	3.62	3.57	1
5.25	4.8	4.32	3.81	3.27	2.66	1.96	1.24	0.56	0	1.37	2.43	3.74	4.01	3.62	3.57	1
5.26	4.81	4.32	3.81	3.27	2.65	1.95	1.22	0.55	0	1.41	2.41	3.75	4.04	3.63	3.59	1
5.27	4.81	4.33	3.81	3.26	2.64	1.93	1.2	0.53	0	1.91	2.36	3.76	4.04	3.61	3.59	1.01
5.27	4.81	4.32	3.81	3.26	2.63	1.91	1.18	0.51	0	1.82	2.16	3.75	4.07	3.64	3.58	1.01
5.26	4.81	4.32	3.8	3.25	2.61	1.89	1.16	0.49	0	1.94	2.27	3.75	4.02	3.62	3.57	1.01
5.25	4.8	4.32	3.8	3.24	2.6	1.87	1.13	0.47	0	1.93	2.47	3.75	4.01	3.61	3.58	1.01
5.25	4.8	4.31	3.79	3.23	2.58	1.85	1.11	0.45	0	2.01	2.4	3.77	3.99	3.62	3.57	1.01
5.24	4.79	4.31	3.79	3.22	2.56	1.82	1.08	0.43	0	2	2.25	3.75	3.97	3.61	3.58	1.01
5.23	4.79	4.3	3.79	3.21	2.54	1.8	1.06	0.41	0	1.89	2.39	3.74	3.96	3.61	3.58	1.01
5.22	4.78	4.3	3.78	3.2	2.53	1.78	1.04	0.39	0	1.86	2.22	3.74	3.93	3.6	3.57	1.01
5.22	4.78	4.3	3.78	3.19	2.51	1.75	1.02	0.38	0	1.67	2.26	3.76	3.93	3.61	3.57	1.01
5.22	4.78	4.3	3.77	3.18	2.49	1.73	1	0.37	0	1.59	2.42	3.74	3.94	3.63	3.59	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.22	4.78	4.3	3.77	3.17	2.47	1.71	0.97	0.35	0	1.74	2.12	3.76	3.99	3.61	3.59	1.01
5.22	4.78	4.3	3.76	3.15	2.45	1.68	0.95	0.34	0	1.77	2.22	3.78	3.99	3.62	3.59	1.01
5.22	4.78	4.3	3.76	3.14	2.43	1.66	0.93	0.33	0	1.86	2.42	3.75	3.99	3.64	3.59	1.01
5.23	4.78	4.3	3.75	3.13	2.4	1.63	0.91	0.32	0	1.49	2.33	3.75	3.93	3.61	3.59	1.01
5.23	4.79	4.3	3.75	3.11	2.38	1.61	0.89	0.3	0	1.9	2.25	3.74	3.88	3.61	3.58	1.01
5.23	4.79	4.3	3.74	3.1	2.36	1.58	0.87	0.29	0	1.91	2.32	3.73	3.89	3.6	3.58	1.01
5.24	4.8	4.3	3.74	3.08	2.34	1.56	0.85	0.28	0	1.9	2.37	3.73	3.91	3.63	3.57	1.01
5.24	4.8	4.31	3.73	3.07	2.32	1.53	0.83	0.27	0	1.72	2.34	3.74	3.94	3.61	3.58	1.01
5.25	4.81	4.31	3.73	3.06	2.29	1.51	0.81	0.26	0	1.39	2.24	3.75	3.97	3.62	3.57	1.01
5.25	4.81	4.31	3.73	3.04	2.27	1.48	0.79	0.26	0	1.76	2.2	3.75	3.97	3.6	3.59	1.01
5.26	4.82	4.31	3.73	3.03	2.26	1.46	0.77	0.25	0	1.58	2.4	3.75	3.94	3.63	3.57	1.01
5.26	4.82	4.32	3.73	3.03	2.24	1.44	0.76	0.24	0	1.63	2.3	3.74	3.96	3.63	3.56	1.01
5.27	4.83	4.32	3.73	3.02	2.22	1.43	0.75	0.24	0	1.55	2.25	3.75	3.98	3.64	3.57	1.01
5.27	4.83	4.32	3.73	3.01	2.21	1.41	0.74	0.24	0	1.64	2.28	3.74	3.99	3.6	3.57	1.01
5.27	4.83	4.32	3.72	3	2.19	1.39	0.72	0.23	0	1.8	2.43	3.75	4	3.61	3.58	1.01
5.28	4.84	4.33	3.72	2.99	2.17	1.37	0.71	0.23	0	1.56	2.52	3.74	3.98	3.61	3.57	1.01
5.28	4.84	4.33	3.71	2.97	2.15	1.35	0.7	0.22	0	1.72	2.43	3.74	3.98	3.62	3.58	1.01
5.29	4.85	4.33	3.7	2.96	2.13	1.33	0.68	0.22	0	1.65	2.44	3.74	3.94	3.61	3.59	1.01
5.29	4.85	4.33	3.69	2.94	2.11	1.31	0.67	0.21	0	1.53	2.25	3.75	3.95	3.64	3.56	1.01
5.3	4.85	4.32	3.68	2.92	2.08	1.29	0.65	0.21	0	1.5	2.21	3.74	3.95	3.63	3.57	1.01
5.31	4.86	4.32	3.67	2.9	2.06	1.27	0.64	0.2	0	1.73	2.36	3.76	3.98	3.62	3.57	1.01
5.31	4.86	4.32	3.66	2.87	2.03	1.24	0.62	0.2	0	1.75	2.33	3.76	3.98	3.62	3.56	1.01
5.32	4.87	4.32	3.65	2.85	2.01	1.22	0.61	0.19	0	1.6	2.46	3.76	3.99	3.6	3.57	1
5.33	4.87	4.32	3.64	2.84	1.98	1.2	0.59	0.19	0	1.28	2.51	3.76	3.94	3.62	3.58	1
5.34	4.87	4.32	3.63	2.82	1.96	1.17	0.58	0.18	0	1.79	2.32	3.75	3.93	3.62	3.57	1
5.34	4.88	4.32	3.62	2.8	1.93	1.15	0.57	0.18	0	1.89	2.21	3.74	3.92	3.63	3.56	1
5.35	4.89	4.32	3.61	2.78	1.91	1.13	0.55	0.17	0	1.67	2.42	3.75	3.92	3.61	3.59	1
5.36	4.89	4.32	3.61	2.77	1.89	1.11	0.54	0.17	0	1	2.14	3.75	3.98	3.61	3.58	1
5.37	4.9	4.32	3.6	2.75	1.87	1.09	0.53	0.17	0	1.63	2.17	3.75	4.02	3.61	3.58	1
5.37	4.9	4.32	3.59	2.74	1.85	1.07	0.51	0.16	0	1.81	2.05	3.75	4.03	3.63	3.56	1
5.38	4.9	4.32	3.58	2.73	1.83	1.06	0.5	0.16	0	1.69	2.11	3.75	4.02	3.63	3.56	1
5.38	4.9	4.31	3.57	2.71	1.81	1.04	0.49	0.16	0	1.73	2.09	3.76	3.99	3.62	3.56	1
5.38	4.9	4.31	3.56	2.7	1.79	1.02	0.48	0.16	0	1.66	2.3	3.75	3.95	3.59	3.57	1
5.38	4.9	4.3	3.55	2.68	1.78	1.01	0.47	0.15	0	1.92	2.34	3.75	3.94	3.6	3.57	1
5.39	4.9	4.3	3.54	2.67	1.76	0.99	0.46	0.15	0	1.84	2.26	3.74	3.99	3.59	3.59	1
5.39	4.9	4.29	3.54	2.66	1.74	0.98	0.45	0.15	0	1.74	2.45	3.75	4.04	3.62	3.58	1
5.39	4.9	4.29	3.53	2.64	1.73	0.97	0.44	0.14	0	1.86	2.45	3.76	4.07	3.62	3.57	1
5.4	4.9	4.28	3.52	2.63	1.71	0.95	0.44	0.14	0	1.84	2.44	3.76	4.06	3.61	3.57	1
5.4	4.9	4.28	3.51	2.62	1.7	0.94	0.43	0.14	0	1.75	2.41	3.75	4.06	3.59	3.57	1
5.4	4.91	4.28	3.5	2.6	1.69	0.93	0.42	0.14	0	1.64	2.33	3.75	4.03	3.6	3.57	1
5.41	4.91	4.28	3.5	2.59	1.68	0.92	0.42	0.13	0	1.7	2.39	3.75	4.01	3.61	3.55	1
5.42	4.91	4.28	3.49	2.58	1.67	0.92	0.41	0.13	0	1.79	2.32	3.75	3.97	3.6	3.56	1
5.42	4.91	4.27	3.48	2.57	1.66	0.91	0.41	0.13	0	1.95	2.26	3.74	4.01	3.61	3.58	1
5.43	4.92	4.28	3.48	2.57	1.66	0.9	0.4	0.13	0	1.71	2.47	3.75	4.04	3.6	3.58	1
5.44	4.92	4.27	3.47	2.55	1.65	0.89	0.4	0.13	0	1.39	2.42	3.76	4.02	3.6	3.61	1
5.45	4.93	4.27	3.46	2.54	1.63	0.88	0.39	0.12	0	1.79	2.28	3.77	4.05	3.61	3.58	1
5.46	4.93	4.27	3.45	2.53	1.62	0.87	0.39	0.12	0	1.58	2.43	3.77	4.05	3.62	3.58	1
5.46	4.93	4.26	3.44	2.52	1.61	0.86	0.38	0.12	0	1.58	2.39	3.76	4.05	3.61	3.57	1
5.47	4.93	4.25	3.42	2.5	1.59	0.85	0.37	0.12	0	1.8	2.39	3.75	4.05	3.63	3.55	1
5.47	4.92	4.24	3.41	2.48	1.57	0.84	0.37	0.11	0	1.75	2.38	3.76	4.07	3.61	3.58	1
5.47	4.92	4.23	3.39	2.46	1.56	0.83	0.36	0.11	0	1.4	2.29	3.75	4.02	3.61	3.59	1
5.46	4.91	4.22	3.38	2.45	1.54	0.82	0.36	0.11	0	1.73	1.93	3.74	4.02	3.62	3.59	1
5.46	4.91	4.21	3.36	2.43	1.53	0.81	0.35	0.11	0	1.78	2.18	3.74	4.01	3.59	3.58	1
5.46	4.9	4.2	3.34	2.41	1.51	0.8	0.35	0.1	0	1.92	2.14	3.76	4.01	3.6	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.46	4.9	4.18	3.33	2.39	1.49	0.79	0.34	0.1	0	1.71	2.04	3.76	4.04	3.62	3.58	1
5.46	4.89	4.17	3.31	2.37	1.48	0.78	0.34	0.1	0	2.05	2.39	3.75	4.09	3.62	3.59	1
5.46	4.89	4.16	3.3	2.36	1.47	0.77	0.33	0.1	0	1.81	2.26	3.75	4.07	3.63	3.61	1
5.46	4.88	4.15	3.28	2.34	1.45	0.77	0.33	0.1	0	1.84	2.45	3.74	4.03	3.61	3.57	1
5.46	4.87	4.14	3.27	2.32	1.44	0.76	0.33	0.09	0	1.61	2.42	3.74	3.95	3.62	3.57	1
5.45	4.87	4.13	3.25	2.31	1.42	0.75	0.32	0.09	0	1.75	2.39	3.73	3.91	3.64	3.54	1
5.45	4.86	4.12	3.23	2.29	1.41	0.74	0.32	0.09	0	1.98	2.39	3.74	3.86	3.61	3.59	1
5.45	4.85	4.11	3.22	2.27	1.39	0.73	0.31	0.08	0	1.75	2.4	3.74	3.93	3.61	3.58	1
5.45	4.85	4.1	3.2	2.25	1.38	0.72	0.31	0.08	0	1.76	2.42	3.74	3.95	3.61	3.57	1
5.44	4.84	4.08	3.19	2.24	1.36	0.71	0.3	0.08	0	1.73	2.44	3.74	3.96	3.59	3.57	1
5.44	4.84	4.07	3.17	2.22	1.35	0.7	0.3	0.07	0	1.72	2.25	3.76	4.01	3.6	3.57	1
5.44	4.83	4.06	3.16	2.2	1.33	0.69	0.29	0.07	0	1.72	2.14	3.75	3.97	3.62	3.57	1
5.44	4.83	4.05	3.14	2.19	1.32	0.67	0.28	0.07	0	1.92	2.03	3.74	3.92	3.61	3.59	1
5.43	4.82	4.04	3.13	2.17	1.3	0.66	0.27	0.06	0	1.49	1.93	3.73	3.86	3.63	3.57	1
5.43	4.82	4.04	3.12	2.16	1.29	0.65	0.27	0.06	0	1.89	2.14	3.73	3.86	3.63	3.57	1
5.44	4.82	4.03	3.11	2.14	1.27	0.64	0.26	0.06	0	1.83	2.32	3.74	3.88	3.61	3.57	1
5.44	4.81	4.02	3.1	2.13	1.26	0.63	0.26	0.06	0	1.78	2.47	3.74	3.92	3.62	3.56	1
5.44	4.81	4.01	3.09	2.12	1.25	0.62	0.25	0.06	0	1.37	2.49	3.74	3.97	3.62	3.59	1
5.44	4.81	4.01	3.07	2.1	1.24	0.62	0.25	0.06	0	1.86	2.4	3.74	3.96	3.61	3.6	1
5.45	4.8	4	3.06	2.09	1.23	0.61	0.25	0.06	0	1.79	2.07	3.73	3.97	3.62	3.57	1
5.45	4.8	3.98	3.05	2.07	1.21	0.6	0.24	0.05	0	1.57	2.1	3.74	3.92	3.6	3.55	1.01
5.44	4.79	3.97	3.03	2.06	1.2	0.59	0.24	0.05	0	1.98	2.09	3.75	3.92	3.6	3.56	1.01
5.44	4.78	3.96	3.01	2.04	1.19	0.58	0.23	0.05	0	1.57	2.1	3.76	3.89	3.62	3.57	1.01
5.43	4.77	3.94	2.99	2.02	1.17	0.57	0.23	0.05	0	1.69	2.04	3.75	3.85	3.61	3.56	1.01
5.43	4.76	3.92	2.97	2	1.16	0.57	0.23	0.05	0	1.7	2.42	3.75	3.84	3.61	3.57	1.01
5.42	4.74	3.9	2.95	1.98	1.14	0.56	0.22	0.05	0	1.82	2.45	3.74	3.9	3.61	3.58	1.01
5.42	4.73	3.89	2.93	1.96	1.13	0.55	0.22	0.05	0	1.82	2.24	3.75	3.91	3.62	3.59	1.01
5.42	4.72	3.87	2.91	1.94	1.12	0.55	0.22	0.05	0	1.37	2.43	3.75	3.93	3.63	3.57	1.01
5.42	4.71	3.86	2.89	1.92	1.11	0.55	0.22	0.05	0	1.68	2.38	3.75	3.94	3.63	3.58	1.01
5.42	4.71	3.84	2.88	1.91	1.1	0.55	0.22	0.05	0	1.83	2.37	3.75	3.93	3.62	3.58	1.01
5.41	4.7	3.83	2.86	1.9	1.1	0.54	0.22	0.05	0	1.57	2.32	3.75	3.89	3.62	3.58	1.01
5.41	4.69	3.82	2.85	1.89	1.09	0.54	0.22	0.05	0	1.51	2.37	3.75	3.89	3.62	3.59	1.01
5.4	4.68	3.81	2.84	1.88	1.09	0.54	0.22	0.05	0	1.71	2.41	3.74	3.88	3.61	3.58	1.01
5.39	4.67	3.8	2.82	1.87	1.08	0.54	0.22	0.06	0	1.54	2.42	3.74	3.88	3.62	3.58	1.01
5.38	4.66	3.79	2.81	1.86	1.08	0.54	0.22	0.06	0	1.62	2.25	3.74	3.83	3.61	3.56	1.01
5.38	4.65	3.77	2.8	1.85	1.07	0.54	0.22	0.06	0	1.72	2.25	3.75	3.84	3.62	3.56	1.01
5.37	4.64	3.76	2.8	1.85	1.07	0.54	0.23	0.07	0	1.7	2.48	3.75	3.86	3.62	3.59	1.01
5.36	4.63	3.75	2.79	1.84	1.07	0.54	0.23	0.07	0	1.73	2.39	3.74	3.89	3.61	3.57	1.01
5.36	4.62	3.74	2.78	1.84	1.07	0.55	0.23	0.07	0	1.62	2.43	3.75	3.92	3.61	3.58	1.01
5.35	4.61	3.73	2.77	1.84	1.07	0.55	0.23	0.07	0	1.8	2.37	3.75	3.92	3.62	3.56	1.01
5.34	4.59	3.71	2.76	1.83	1.07	0.55	0.24	0.07	0	1.51	2.21	3.75	3.93	3.61	3.56	1.01
5.34	4.58	3.7	2.74	1.83	1.07	0.55	0.24	0.08	0	1.75	2.27	3.76	3.91	3.61	3.58	1.01
5.33	4.57	3.68	2.73	1.82	1.07	0.55	0.24	0.08	0	1.84	2.16	3.73	3.86	3.63	3.58	1.01
5.32	4.56	3.66	2.72	1.81	1.07	0.55	0.24	0.08	0	1.69	2.35	3.76	3.85	3.63	3.57	1.01
5.32	4.55	3.65	2.7	1.8	1.06	0.55	0.24	0.07	0	1.87	2.47	3.76	3.89	3.61	3.59	1.01
5.32	4.54	3.64	2.69	1.8	1.06	0.54	0.23	0.07	0	1.46	2.34	3.75	3.93	3.62	3.58	1.01
5.31	4.53	3.63	2.68	1.79	1.06	0.54	0.23	0.07	0	1.87	1.8	3.77	3.97	3.64	3.58	1.01
5.31	4.52	3.62	2.67	1.78	1.05	0.54	0.23	0.07	0	1.87	2.19	3.75	3.97	3.62	3.59	1.01
5.3	4.51	3.6	2.66	1.77	1.05	0.54	0.23	0.07	0	1.62	2.2	3.76	3.93	3.62	3.6	1.01
5.29	4.5	3.59	2.65	1.76	1.04	0.54	0.23	0.07	0	1.49	2.06	3.76	3.9	3.61	3.59	1.01
5.27	4.49	3.58	2.64	1.75	1.04	0.53	0.23	0.07	0	1.21	2.2	3.76	3.91	3.61	3.6	1.01
5.26	4.47	3.57	2.62	1.74	1.03	0.53	0.23	0.07	0	1.62	2.51	3.77	3.95	3.62	3.61	1.01
5.24	4.46	3.55	2.61	1.73	1.02	0.53	0.22	0.07	0	1.9	2.18	3.74	3.97	3.62	3.59	1.01
5.22	4.44	3.54	2.6	1.72	1.01	0.52	0.22	0.06	0	1.83	2.25	3.74	3.94	3.61	3.6	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.2	4.42	3.53	2.59	1.71	1	0.51	0.22	0.06	0	1.78	2.25	3.76	3.92	3.61	3.6	1.01
5.18	4.41	3.52	2.58	1.7	0.99	0.51	0.21	0.06	0	1.66	2.38	3.75	3.93	3.6	3.6	1.01
5.17	4.4	3.51	2.56	1.68	0.98	0.5	0.21	0.05	0	1.42	2.16	3.74	3.9	3.61	3.6	1
5.16	4.39	3.5	2.56	1.67	0.97	0.49	0.2	0.05	0	1.77	2.26	3.75	3.89	3.62	3.59	1
5.15	4.39	3.49	2.55	1.66	0.96	0.48	0.19	0.05	0	1.56	2.35	3.73	3.93	3.63	3.58	1
5.15	4.38	3.49	2.54	1.65	0.95	0.47	0.19	0.04	0	1.78	2.45	3.74	3.94	3.62	3.56	1
5.15	4.38	3.49	2.54	1.65	0.94	0.46	0.18	0.04	0	1.77	2.24	3.74	3.93	3.62	3.56	1
5.14	4.38	3.49	2.54	1.64	0.92	0.45	0.17	0.03	0	1.7	2.2	3.75	3.98	3.63	3.57	1
5.14	4.38	3.49	2.54	1.63	0.91	0.44	0.17	0.03	0	1.51	2.33	3.76	3.99	3.62	3.59	1
5.14	4.38	3.5	2.54	1.63	0.91	0.43	0.16	0.03	0	1.27	2.23	3.76	3.96	3.64	3.58	1
5.14	4.39	3.5	2.54	1.63	0.9	0.42	0.16	0.02	0	1.49	2.23	3.75	3.94	3.62	3.58	1
5.14	4.39	3.51	2.55	1.63	0.89	0.42	0.15	0.02	0	1.89	2.42	3.73	3.95	3.62	3.58	1
5.15	4.4	3.52	2.55	1.63	0.89	0.41	0.15	0.02	0	1.77	2.4	3.75	3.96	3.61	3.56	1
5.15	4.41	3.53	2.56	1.63	0.89	0.41	0.14	0.02	0	1.62	2.36	3.75	3.97	3.63	3.57	1
5.15	4.41	3.53	2.57	1.63	0.88	0.4	0.14	0.02	0	1.68	2.32	3.76	3.98	3.63	3.59	1
5.15	4.42	3.54	2.57	1.64	0.88	0.4	0.14	0.02	0	1.84	2.37	3.77	3.99	3.63	3.58	1
5.15	4.42	3.54	2.58	1.64	0.88	0.39	0.13	0.02	0	1.64	2.02	3.75	3.95	3.62	3.56	1
5.14	4.42	3.55	2.58	1.64	0.88	0.39	0.13	0.02	0	2.04	2.31	3.75	3.96	3.64	3.55	1.01
5.13	4.41	3.55	2.58	1.64	0.88	0.39	0.13	0.02	0	1.99	2.42	3.76	3.98	3.64	3.57	1.01
5.13	4.41	3.55	2.59	1.65	0.88	0.39	0.13	0.02	0	1.61	2.48	3.75	3.95	3.63	3.59	1.01
5.12	4.41	3.55	2.59	1.65	0.88	0.39	0.13	0.02	0	1.68	2.36	3.77	3.98	3.62	3.55	1.01
5.11	4.41	3.55	2.6	1.66	0.89	0.39	0.13	0.02	0	1.66	2.42	3.76	3.98	3.63	3.56	1.01
5.1	4.4	3.55	2.6	1.66	0.89	0.39	0.13	0.02	0	1.33	2.37	3.75	3.97	3.62	3.58	1.01
5.09	4.39	3.54	2.6	1.66	0.89	0.39	0.14	0.02	0	1.53	2.1	3.76	3.94	3.61	3.59	1.01
5.08	4.38	3.54	2.59	1.65	0.89	0.39	0.14	0.02	0	1.65	2.25	3.75	3.94	3.63	3.59	1.01
5.06	4.37	3.52	2.58	1.65	0.88	0.39	0.14	0.02	0	1.41	2.36	3.76	3.99	3.63	3.58	1.01
5.04	4.35	3.5	2.56	1.63	0.88	0.39	0.14	0.02	0	1.65	2.38	3.76	3.99	3.62	3.59	1.01
5.02	4.32	3.48	2.54	1.62	0.87	0.38	0.14	0.02	0	1.3	2.28	3.76	3.99	3.63	3.59	1.01
4.99	4.3	3.45	2.52	1.6	0.86	0.38	0.14	0.02	0	1.05	2.27	3.75	3.93	3.63	3.59	1.01
4.97	4.27	3.42	2.49	1.58	0.85	0.38	0.14	0.02	0	1.57	2.29	3.75	3.98	3.63	3.59	1.01
4.94	4.23	3.39	2.45	1.55	0.83	0.37	0.14	0.02	0	1.3	2.26	3.74	3.95	3.6	3.58	1
4.92	4.2	3.35	2.42	1.52	0.82	0.37	0.13	0.02	0	1.92	2.22	3.74	3.91	3.61	3.58	1
4.89	4.16	3.31	2.38	1.49	0.8	0.36	0.13	0.02	0	1.77	2.37	3.76	3.9	3.61	3.55	1
4.87	4.13	3.27	2.34	1.46	0.78	0.35	0.13	0.02	0	1.82	2.42	3.75	3.93	3.62	3.57	1
4.85	4.1	3.23	2.3	1.44	0.77	0.35	0.13	0.02	0	1.82	2.27	3.75	3.94	3.61	3.57	1
4.83	4.07	3.19	2.26	1.41	0.75	0.34	0.12	0.02	0	1.49	2.5	3.75	3.97	3.6	3.56	1
4.82	4.04	3.15	2.23	1.38	0.74	0.33	0.12	0.02	0	1.61	2.53	3.75	4	3.59	3.57	1
4.8	4.01	3.12	2.19	1.35	0.72	0.33	0.12	0.02	0	1.96	2.45	3.74	4.02	3.6	3.58	1
4.79	3.99	3.09	2.16	1.33	0.71	0.32	0.12	0.02	0	1.83	2.48	3.75	3.98	3.6	3.6	1
4.77	3.97	3.06	2.14	1.31	0.7	0.32	0.11	0.02	0	1.7	2.6	3.75	4.02	3.62	3.59	1
4.75	3.94	3.03	2.11	1.3	0.69	0.31	0.11	0.02	0	1.5	2.08	3.75	3.98	3.6	3.58	1
4.74	3.92	3.01	2.09	1.28	0.68	0.31	0.11	0.02	0	1.81	2.11	3.75	4.03	3.61	3.58	1
4.71	3.9	2.99	2.07	1.27	0.68	0.31	0.11	0.02	0	1.96	2.3	3.74	4.03	3.63	3.6	1
4.7	3.89	2.97	2.06	1.26	0.67	0.31	0.11	0.02	0	2.02	2.48	3.75	4.04	3.61	3.56	1
4.68	3.87	2.96	2.05	1.25	0.66	0.3	0.11	0.02	0	2.13	2.66	3.76	4.02	3.62	3.57	1
4.67	3.86	2.95	2.03	1.24	0.66	0.3	0.11	0.02	0	2.02	2.55	3.75	4.02	3.62	3.57	1
4.66	3.84	2.93	2.02	1.23	0.65	0.3	0.11	0.02	0	1.56	2.43	3.78	4.03	3.64	3.58	1
4.64	3.82	2.92	2.01	1.23	0.65	0.3	0.1	0.02	0	1.47	2.37	3.75	4	3.63	3.6	1
4.62	3.8	2.9	2	1.22	0.65	0.29	0.1	0.02	0	1.71	2.51	3.75	4.01	3.62	3.57	1
4.6	3.78	2.88	1.99	1.21	0.64	0.29	0.1	0.02	0	1.72	2.58	3.75	4.06	3.61	3.58	1
4.57	3.76	2.86	1.97	1.2	0.64	0.29	0.1	0.02	0	1.86	2.59	3.76	4.05	3.62	3.6	1
4.55	3.73	2.83	1.95	1.19	0.63	0.29	0.1	0.02	0	1.49	2.39	3.76	3.98	3.62	3.59	1
4.52	3.7	2.81	1.94	1.18	0.63	0.28	0.1	0.02	0	1.54	2.14	3.77	4.02	3.63	3.57	1
4.5	3.67	2.78	1.92	1.17	0.62	0.28	0.1	0.02	0	1.7	2.34	3.75	3.96	3.63	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.47	3.64	2.75	1.9	1.16	0.62	0.28	0.1	0.02	0	1.68	2.33	3.76	3.94	3.61	3.57	1
4.44	3.61	2.72	1.87	1.15	0.61	0.27	0.1	0.02	0	1.11	2.36	3.74	3.94	3.61	3.57	1
4.41	3.58	2.69	1.85	1.13	0.6	0.27	0.09	0.02	0	1.62	2.31	3.75	4.04	3.63	3.58	1
4.38	3.54	2.66	1.82	1.11	0.59	0.26	0.09	0.02	0	1.78	2.22	3.76	4.02	3.63	3.59	1
4.35	3.51	2.63	1.8	1.1	0.58	0.26	0.09	0.02	0	1.77	2.17	3.77	4.03	3.64	3.57	1
4.32	3.48	2.6	1.77	1.08	0.57	0.25	0.09	0.02	0	1.67	2.43	3.76	4	3.63	3.57	1
4.29	3.44	2.57	1.75	1.06	0.56	0.25	0.09	0.02	0	1.75	2.5	3.76	3.97	3.62	3.56	1
4.26	3.41	2.54	1.72	1.04	0.56	0.24	0.09	0.02	0	1.88	2.4	3.75	3.91	3.62	3.56	1
4.22	3.38	2.51	1.7	1.03	0.55	0.24	0.08	0.01	0	1.85	2.42	3.74	3.9	3.61	3.56	1
4.19	3.35	2.48	1.67	1.01	0.54	0.24	0.08	0.01	0	1.91	2.43	3.74	3.93	3.61	3.57	1
4.17	3.33	2.45	1.65	0.99	0.52	0.23	0.08	0.01	0	2.09	2.12	3.75	3.98	3.61	3.57	0.99
4.15	3.3	2.43	1.63	0.98	0.51	0.22	0.08	0.01	0	1.7	1.87	3.77	4.04	3.61	3.6	0.99
4.13	3.28	2.41	1.62	0.96	0.5	0.22	0.07	0.01	0	1.7	2.26	3.76	4.02	3.62	3.59	0.99
4.11	3.27	2.4	1.6	0.95	0.5	0.21	0.07	0.01	0	1.71	2.37	3.76	4.04	3.61	3.57	0.99
4.1	3.25	2.39	1.59	0.94	0.49	0.21	0.07	0.01	0	1.83	2.1	3.76	4.04	3.62	3.56	0.99
4.1	3.25	2.38	1.59	0.93	0.48	0.21	0.07	0.01	0	1.66	2.13	3.75	4.04	3.64	3.57	0.99
4.1	3.25	2.38	1.58	0.93	0.47	0.2	0.07	0.01	0	1.83	2.32	3.74	4.06	3.63	3.58	0.99
4.1	3.25	2.38	1.58	0.92	0.47	0.2	0.06	0.01	0	1.53	2.41	3.75	4.05	3.62	3.6	0.99
4.11	3.27	2.39	1.58	0.92	0.46	0.19	0.06	0.01	0	1.14	2.3	3.75	4.01	3.61	3.58	0.99
4.13	3.28	2.4	1.59	0.92	0.46	0.19	0.06	0.01	0	2.07	2.44	3.75	4.02	3.62	3.56	0.99
4.16	3.31	2.42	1.59	0.92	0.46	0.19	0.06	0.01	0	2.16	2.1	3.74	3.99	3.6	3.57	0.99
4.18	3.33	2.44	1.6	0.91	0.45	0.19	0.06	0.01	0	2.03	2.25	3.75	4.01	3.6	3.56	0.99
4.21	3.36	2.45	1.6	0.91	0.45	0.19	0.06	0.01	0	1.95	2.52	3.75	4.06	3.59	3.58	0.99
4.24	3.38	2.47	1.61	0.91	0.44	0.19	0.06	0.01	0	1.98	2.49	3.76	4.13	3.64	3.6	0.99
4.26	3.4	2.49	1.62	0.91	0.44	0.19	0.06	0.01	0	2.26	2.43	3.77	4.13	3.63	3.58	0.99
4.28	3.42	2.5	1.62	0.91	0.44	0.18	0.06	0.01	0	2.15	2.37	3.77	4.16	3.61	3.6	0.99
4.29	3.43	2.5	1.62	0.9	0.43	0.18	0.06	0.01	0	1.89	2.18	3.75	4.07	3.59	3.61	0.99
4.29	3.44	2.51	1.62	0.9	0.42	0.17	0.06	0.01	0	1.78	2.07	3.75	4.01	3.6	3.58	0.99
4.3	3.44	2.51	1.62	0.89	0.42	0.16	0.05	0.008	0	1.89	2.36	3.75	4.01	3.6	3.58	0.99
4.3	3.44	2.51	1.61	0.89	0.41	0.16	0.04	0.006	0	2.01	2.31	3.73	3.95	3.6	3.57	0.99
4.31	3.44	2.51	1.61	0.88	0.4	0.15	0.04	0.004	0	1.96	1.73	3.76	3.93	3.61	3.56	0.99
4.31	3.44	2.51	1.6	0.87	0.4	0.15	0.04	0.003	0	1.71	2.19	3.73	3.98	3.59	3.55	0.99
4.32	3.45	2.5	1.6	0.87	0.39	0.15	0.04	0.004	0	1.54	2.56	3.75	4.07	3.61	3.59	0.99
4.32	3.45	2.5	1.6	0.87	0.39	0.15	0.04	0.006	0	2.04	2.48	3.76	4.13	3.62	3.6	0.99
4.32	3.44	2.5	1.59	0.87	0.39	0.15	0.04	0.008	0	2.16	2.26	3.76	4.15	3.62	3.58	0.99
4.32	3.44	2.49	1.59	0.86	0.39	0.15	0.05	0.01	0	1.85	2.3	3.75	4.08	3.61	3.58	0.99
4.31	3.43	2.48	1.58	0.86	0.4	0.16	0.05	0.01	0	1.63	2.08	3.76	4.05	3.61	3.57	0.99
4.3	3.42	2.47	1.57	0.86	0.4	0.16	0.05	0.01	0	1.85	2	3.73	4.05	3.62	3.58	0.99
4.28	3.4	2.46	1.56	0.85	0.39	0.16	0.05	0.01	0	1.87	2.29	3.74	4.04	3.6	3.56	0.99
4.26	3.38	2.44	1.54	0.84	0.39	0.16	0.05	0.01	0	1.79	2.39	3.74	4.04	3.61	3.57	0.99
4.25	3.36	2.41	1.53	0.83	0.38	0.16	0.05	0.01	0	1.49	2.34	3.76	4.01	3.62	3.58	1
4.23	3.33	2.39	1.51	0.82	0.38	0.15	0.05	0.01	0	1.68	2.2	3.75	4.03	3.62	3.57	1
4.2	3.31	2.36	1.48	0.8	0.37	0.15	0.05	0.01	0	1.73	2.36	3.75	4.01	3.63	3.57	1
4.18	3.28	2.33	1.46	0.79	0.36	0.15	0.05	0.01	0	1.63	2.42	3.75	4	3.62	3.57	1
4.15	3.24	2.3	1.44	0.77	0.36	0.15	0.05	0.01	0	1.31	2.38	3.76	4.06	3.61	3.59	1
4.11	3.21	2.26	1.41	0.76	0.35	0.14	0.05	0.01	0	1.54	2.48	3.75	4.03	3.6	3.57	1
4.08	3.17	2.23	1.39	0.74	0.35	0.14	0.05	0.01	0	1.57	2.44	3.75	4.05	3.6	3.59	1
4.04	3.13	2.19	1.36	0.73	0.34	0.14	0.05	0.01	0	1.88	2.43	3.73	4.01	3.61	3.59	1
4	3.08	2.16	1.34	0.71	0.33	0.13	0.04	0.01	0	1.82	2.49	3.74	3.97	3.6	3.57	1
3.97	3.04	2.12	1.31	0.7	0.33	0.13	0.04	0.01	0	2.18	2.28	3.75	3.98	3.62	3.59	1
3.93	3.01	2.08	1.28	0.68	0.32	0.12	0.04	0.01	0	1.99	2.33	3.75	3.95	3.63	3.57	1
3.9	2.97	2.05	1.26	0.67	0.31	0.12	0.04	0.009	0	2.08	2.22	3.73	3.95	3.61	3.56	1
3.87	2.94	2.02	1.24	0.66	0.3	0.12	0.03	0.009	0	2.06	2.33	3.75	3.99	3.6	3.58	1
3.84	2.91	1.99	1.22	0.64	0.3	0.11	0.03	0.009	0	2.01	2.1	3.75	4.04	3.59	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.82	2.88	1.97	1.2	0.64	0.29	0.11	0.03	0.009	0	2.22	1.98	3.76	4.1	3.61	3.59	0.99
3.8	2.86	1.95	1.19	0.63	0.29	0.11	0.03	0.01	0	2.15	2.26	3.76	4.12	3.6	3.58	0.99
3.78	2.85	1.94	1.18	0.63	0.29	0.12	0.04	0.01	0	2.12	2.62	3.76	4.11	3.63	3.59	0.99
3.77	2.83	1.93	1.18	0.63	0.29	0.12	0.04	0.01	0	1.65	2.49	3.75	4.03	3.61	3.58	0.99
3.76	2.83	1.93	1.17	0.63	0.29	0.12	0.04	0.01	0	1.76	1.68	3.72	3.97	3.59	3.58	0.99
3.76	2.82	1.92	1.17	0.62	0.29	0.12	0.04	0.01	0	2.15	1.73	3.73	3.86	3.6	3.56	0.99
3.76	2.82	1.92	1.16	0.62	0.28	0.11	0.04	0.01	0	2.17	2.3	3.73	3.82	3.61	3.55	0.99
3.77	2.82	1.91	1.16	0.61	0.28	0.11	0.04	0.01	0	1.98	2.19	3.72	3.84	3.59	3.57	0.99
3.78	2.82	1.91	1.15	0.61	0.27	0.11	0.04	0.01	0	1.94	2.21	3.72	3.94	3.61	3.57	0.99
3.79	2.83	1.91	1.14	0.6	0.27	0.11	0.03	0.01	0	1.98	2.18	3.74	3.99	3.61	3.58	0.99
3.79	2.83	1.9	1.13	0.59	0.26	0.1	0.03	0.01	0	1.98	2.17	3.75	4.07	3.62	3.57	0.99
3.8	2.82	1.9	1.13	0.58	0.26	0.1	0.03	0.01	0	2.15	2.36	3.76	4.05	3.62	3.58	0.98
3.8	2.82	1.89	1.12	0.58	0.25	0.1	0.03	0.01	0	2.03	2.29	3.75	4.05	3.6	3.56	0.98
3.8	2.82	1.89	1.12	0.57	0.25	0.09	0.03	0.01	0	1.73	2.03	3.74	3.99	3.59	3.58	0.98
3.8	2.82	1.89	1.11	0.57	0.25	0.09	0.03	0.01	0	1.99	2.13	3.74	3.89	3.58	3.59	0.98
3.8	2.82	1.89	1.11	0.57	0.25	0.09	0.03	0.01	0	2.08	1.76	3.73	3.84	3.59	3.56	0.98
3.8	2.82	1.89	1.11	0.56	0.25	0.09	0.03	0.01	0	2.07	2.23	3.72	3.77	3.6	3.58	0.98
3.81	2.83	1.89	1.11	0.56	0.24	0.09	0.03	0.01	0	1.73	2.57	3.73	3.8	3.6	3.58	0.98
3.83	2.83	1.89	1.1	0.55	0.24	0.09	0.03	0.01	0	1.59	2.45	3.74	3.79	3.62	3.57	0.98
3.85	2.85	1.89	1.1	0.55	0.23	0.08	0.03	0.01	0	1.76	2.36	3.73	3.81	3.58	3.57	0.98
3.87	2.86	1.9	1.1	0.54	0.23	0.08	0.03	0.01	0	1.68	2.35	3.73	3.87	3.62	3.57	0.98
3.89	2.87	1.9	1.09	0.54	0.23	0.08	0.03	0.01	0	2.07	2.45	3.74	3.92	3.64	3.58	0.98
3.91	2.89	1.91	1.09	0.53	0.22	0.08	0.03	0.01	0	1.89	2.51	3.74	3.93	3.63	3.59	0.97
3.93	2.9	1.91	1.09	0.53	0.22	0.08	0.03	0.01	0	1.68	2.5	3.74	3.89	3.59	3.58	0.98
3.94	2.91	1.92	1.09	0.53	0.22	0.08	0.03	0.01	0	1.85	2.11	3.74	3.87	3.63	3.58	0.98
3.96	2.92	1.92	1.09	0.53	0.22	0.08	0.02	0.01	0	1.83	2.36	3.72	3.79	3.62	3.57	0.98
3.97	2.94	1.93	1.09	0.53	0.22	0.08	0.02	0.01	0	2.16	2.52	3.74	3.74	3.61	3.55	0.98
3.99	2.95	1.93	1.09	0.53	0.21	0.08	0.02	0.01	0	1.99	2.28	3.73	3.74	3.63	3.58	0.98
4	2.96	1.94	1.09	0.52	0.21	0.08	0.02	0.01	0	1.86	2.11	3.74	3.71	3.63	3.58	0.98
4.01	2.97	1.94	1.09	0.52	0.21	0.08	0.02	0.01	0	1.87	2.35	3.73	3.83	3.62	3.57	0.98
4.03	2.97	1.95	1.09	0.52	0.21	0.07	0.02	0.01	0	1.67	2.4	3.75	3.92	3.63	3.59	0.98
4.04	2.98	1.95	1.09	0.51	0.2	0.07	0.02	0.01	0	1.84	2.38	3.77	3.95	3.64	3.59	0.98
4.04	2.98	1.95	1.09	0.51	0.2	0.07	0.02	0.01	0	2.13	2.05	3.74	3.89	3.63	3.58	0.98
4.04	2.98	1.95	1.09	0.51	0.2	0.06	0.02	0.01	0	2.09	2.16	3.74	3.83	3.64	3.58	0.98
4.04	2.98	1.95	1.09	0.51	0.2	0.06	0.02	0.01	0	1.61	2.24	3.75	3.76	3.61	3.58	0.98
4.03	2.97	1.95	1.09	0.51	0.2	0.06	0.01	0.01	0	1.74	1.74	3.73	3.8	3.59	3.57	0.98
4.02	2.97	1.94	1.09	0.51	0.2	0.06	0.01	0.008	0	1.85	1.96	3.74	3.89	3.61	3.57	0.98
4.01	2.96	1.94	1.08	0.51	0.19	0.06	0.01	0.007	0	1.69	2.22	3.74	3.95	3.61	3.55	0.99
4	2.95	1.93	1.08	0.5	0.19	0.05	0.01	0.006	0	1.65	2.34	3.76	3.96	3.63	3.58	0.99
3.99	2.94	1.92	1.08	0.5	0.18	0.05	0.01	0.004	0	1.58	2.52	3.76	3.91	3.63	3.6	0.99
3.98	2.93	1.91	1.07	0.5	0.18	0.04	0.009	0.002	0	1.85	2.25	3.75	3.9	3.61	3.56	0.99
3.97	2.92	1.91	1.07	0.49	0.18	0.04	0.008	0.001	0	1.45	2.18	3.74	3.87	3.6	3.56	0.99
3.97	2.91	1.9	1.07	0.49	0.18	0.04	0.008	0.001	0	1.67	2.34	3.73	3.89	3.6	3.55	0.99
3.95	2.9	1.9	1.07	0.49	0.18	0.04	0.008	0.001	0	1.64	2.27	3.76	3.96	3.62	3.58	0.99
3.94	2.89	1.89	1.07	0.5	0.18	0.04	0.008	0.002	0	1.86	2.48	3.76	3.99	3.63	3.6	0.99
3.93	2.88	1.89	1.07	0.5	0.18	0.04	0.008	0.002	0	1.76	2.58	3.76	3.97	3.62	3.56	0.99
3.92	2.88	1.89	1.07	0.5	0.18	0.04	0.008	0.002	0	1.4	2.54	3.75	3.97	3.61	3.57	0.99
3.92	2.87	1.88	1.07	0.5	0.18	0.04	0.009	0.002	0	1.41	2.37	3.76	3.96	3.61	3.59	0.99
3.92	2.87	1.88	1.07	0.49	0.17	0.04	0.009	0.002	0	1.78	2.45	3.75	3.95	3.61	3.58	0.99
3.92	2.87	1.88	1.06	0.49	0.17	0.04	0.008	0.002	0	1.88	2.36	3.76	3.91	3.62	3.58	0.99
3.94	2.88	1.88	1.06	0.49	0.17	0.04	0.008	0.002	0	1.85	2.11	3.75	3.93	3.6	3.59	0.99
3.95	2.89	1.88	1.06	0.48	0.17	0.04	0.007	0.002	0	1.89	1.88	3.76	4	3.59	3.59	0.99
3.97	2.9	1.88	1.05	0.48	0.16	0.04	0.006	0.002	0	1.82	2.26	3.76	4.03	3.59	3.59	0.99
3.99	2.91	1.88	1.04	0.47	0.16	0.04	0.005	0.002	0	2.09	2.22	3.76	4.06	3.62	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.01	2.92	1.88	1.04	0.46	0.15	0.04	0.004	0.002	0	2.14	1.99	3.76	4.1	3.63	3.59	0.99
4.02	2.92	1.88	1.03	0.46	0.15	0.03	0.003	0.002	0	2.09	2.39	3.75	4.05	3.61	3.6	0.99
4.03	2.92	1.87	1.02	0.45	0.15	0.03	0.003	0.002	0	1.18	2.29	3.73	4	3.6	3.58	0.99
4.03	2.92	1.86	1.01	0.44	0.14	0.03	0.003	0.001	0	2.1	2.17	3.74	3.89	3.6	3.58	0.99
4.02	2.9	1.84	0.99	0.43	0.14	0.03	0.003	0	0	2.27	2.51	3.75	3.86	3.59	3.59	0.99
4.01	2.88	1.82	0.97	0.42	0.14	0.03	0.004	0	0	2	2.54	3.74	3.92	3.6	3.57	0.99
3.99	2.86	1.79	0.95	0.41	0.13	0.03	0.005	-0.001	0	1.76	2.5	3.75	4	3.6	3.56	0.99
3.97	2.83	1.76	0.93	0.39	0.13	0.03	0.005	-0.002	0	2.05	2.48	3.77	4.07	3.6	3.58	0.99
3.94	2.79	1.73	0.9	0.38	0.12	0.03	0.005	-0.002	0	2.12	2.26	3.76	4.05	3.62	3.59	0.99
3.9	2.74	1.69	0.88	0.37	0.12	0.03	0.005	-0.002	0	2.16	2.01	3.75	4.02	3.63	3.59	0.99
3.85	2.7	1.65	0.85	0.36	0.11	0.02	0.005	-0.002	0	1.98	2.26	3.74	3.95	3.59	3.55	0.99
3.8	2.65	1.61	0.83	0.35	0.11	0.02	0.004	-0.001	0	1.95	2.2	3.76	3.93	3.61	3.58	0.99
3.75	2.6	1.57	0.8	0.34	0.11	0.02	0.003	-0.001	0	1.94	1.9	3.75	3.97	3.61	3.58	0.99
3.71	2.55	1.53	0.78	0.32	0.1	0.02	0.003	-0.001	0	1.74	2.04	3.73	4.01	3.61	3.59	0.99
3.66	2.5	1.49	0.75	0.31	0.1	0.02	0.002	-0.001	0	1.84	2.28	3.74	3.99	3.63	3.59	0.99
3.62	2.45	1.45	0.73	0.3	0.1	0.02	0.001	0	0	1.51	2.42	3.74	3.97	3.63	3.58	0.99
3.57	2.41	1.41	0.71	0.29	0.09	0.02	0.001	0.001	0	1.71	2.28	3.73	3.92	3.64	3.59	0.99
3.53	2.37	1.38	0.68	0.28	0.09	0.02	0.001	0.001	0	1.63	2.36	3.74	3.87	3.62	3.58	0.99
3.49	2.33	1.35	0.66	0.27	0.09		0	0.001	0	2.05	2.44	3.74	3.84	3.6	3.57	0.99
3.45	2.29	1.31	0.64	0.26	0.08		0	0.001	0	1.89	2.44	3.74	3.84	3.62	3.57	0.99
3.41	2.24	1.28	0.62	0.25	0.08		0.001	0.002	0	1.61	2.38	3.75	3.95	3.62	3.56	0.99
3.36	2.2	1.25	0.61	0.24	0.08		0.001	0.002	0	1.75	2.35	3.77	4	3.64	3.59	0.99
3.3	2.15	1.22	0.59	0.24	0.07		0	0.002	0	2.15	2.11	3.77	4.09	3.63	3.61	0.99
3.25	2.1	1.19	0.57	0.23	0.07		0	0.002	0	2.12	2.46	3.77	4.12	3.62	3.6	0.99
3.18	2.05	1.15	0.56	0.22	0.07		0	0.002	0	1.35	2.35	3.77	4.02	3.62	3.6	0.99
3.12	2	1.12	0.54	0.21	0.06	0.01	0	0.002	0	1.73	2.23	3.75	3.92	3.63	3.57	0.99
3.05	1.95	1.09	0.53	0.21	0.06	0.01	0	0.002	0	1.22	2.24	3.74	3.85	3.62	3.56	0.99
2.98	1.9	1.06	0.51	0.21	0.06	0.01	0.001	0.002	0	1.73	2.22	3.75	3.79	3.61	3.58	0.99
2.92	1.85	1.03	0.5	0.2	0.06	0.01	0.001	0.001	0	1.97	2.15	3.74	3.83	3.61	3.57	0.99
2.86	1.8	1	0.48	0.2	0.06	0.01	0.001	0.002	0	1.66	2.3	3.74	3.91	3.62	3.58	0.99
2.8	1.75	0.97	0.47	0.19	0.06	0.01	0.001	0.002	0	1.77	2.51	3.75	3.99	3.63	3.57	0.99
2.75	1.7	0.94	0.45	0.19	0.05	0.01	0.001	0.002	0	1.94	2.34	3.76	4	3.63	3.56	0.99
2.71	1.66	0.91	0.44	0.18	0.05	0.01	0.001	0.003	0	1.71	2.16	3.76	3.99	3.62	3.58	0.99
2.66	1.62	0.88	0.42	0.17	0.05	0.01	0.002	0.003	0	1.21	1.98	3.76	3.96	3.62	3.58	0.99
2.62	1.57	0.85	0.41	0.17	0.05	0.01	0.002	0.003	0	1.49	1.73	3.76	3.96	3.62	3.58	0.99
2.58	1.53	0.82	0.39	0.16	0.05	0.01	0.002	0.003	0	1.49	2.17	3.76	3.98	3.64	3.58	0.99
2.54	1.5	0.8	0.38	0.15	0.05	0.01	0.003	0.004	0	1.8	2.26	3.75	3.97	3.61	3.59	0.99
2.49	1.46	0.77	0.36	0.15	0.05	0.01	0.004	0.004	0	2.03	2.38	3.76	3.98	3.62	3.58	0.99
2.45	1.42	0.74	0.35	0.14	0.05	0.01	0.005	0.004	0	2.11	2.53	3.75	3.96	3.63	3.58	0.98
2.4	1.38	0.72	0.34	0.14	0.05	0.01	0.006	0.005	0	1.9	2.53	3.74	3.86	3.62	3.59	0.98
2.35	1.34	0.7	0.32	0.14	0.05	0.01	0.007	0.004	0	1.73	2.43	3.73	3.77	3.61	3.56	0.98
2.3	1.31	0.67	0.31	0.14	0.05	0.01	0.007	0.004	0	1.75	2.41	3.73	3.71	3.63	3.6	0.98
2.25	1.27	0.65	0.31	0.13	0.05	0.01	0.008	0.004	0	2.04	2.37	3.73	3.79	3.62	3.57	0.98
2.2	1.24	0.64	0.3	0.13	0.05	0.02	0.01	0.004	0	1.37	2.43	3.76	3.86	3.6	3.57	0.98
2.15	1.21	0.62	0.3	0.14	0.06	0.02	0.01	0.004	0	1.75	2.4	3.75	3.98	3.64	3.58	0.98
2.12	1.19	0.61	0.29	0.14	0.06	0.02	0.01	0.004	0	1.63	2.34	3.76	3.98	3.63	3.59	0.98
2.1	1.17	0.6	0.29	0.14	0.06	0.02	0.01	0.005	0	1.45	2.28	3.75	3.92	3.63	3.58	0.98
2.09	1.15	0.58	0.28	0.14	0.06	0.03	0.01	0.005	0	1.6	2.36	3.74	3.89	3.63	3.57	0.98
2.09	1.14	0.57	0.27	0.13	0.06	0.02	0.01	0.005	0	1.47	2.47	3.75	3.93	3.6	3.57	0.98
2.1	1.14	0.56	0.27	0.13	0.06	0.02	0.01	0.005	0	1.69	2.37	3.74	3.95	3.61	3.59	0.99
2.12	1.14	0.55	0.26	0.12	0.05	0.02	0.01	0.005	0	2.02	2.18	3.76	4.05	3.63	3.57	0.99
2.15	1.14	0.54	0.24	0.11	0.05	0.02	0.01	0.005	0	1.63	2.13	3.76	4	3.6	3.58	0.99
2.18	1.14	0.53	0.23	0.1	0.04	0.01	0.01	0.005	0	1.52	1.76	3.75	3.98	3.62	3.57	0.99
2.21	1.15	0.52	0.22	0.09	0.04	0.01	0.009	0.006	0	1.3	2.34	3.73	3.96	3.6	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.24	1.15	0.51	0.21	0.08	0.03	0.01	0.006	0.004	0	1.83	2.28	3.75	3.92	3.63	3.57	0.99
2.27	1.16	0.51	0.2	0.07	0.02	0.008	0.003	0.003	0	1.93	2.16	3.75	3.91	3.61	3.57	0.99
2.29	1.16	0.5	0.19	0.06	0.02	0.005	0	0.002	0	1.94	2.27	3.75	4	3.62	3.57	0.99
2.3	1.17	0.49	0.18	0.06	0.02		0.001	0.001	0	1.84	2.14	3.77	4.06	3.63	3.58	0.99
2.3	1.17	0.49	0.17	0.05	0.01		0.003	0	0	1.91	2.32	3.76	4.06	3.61	3.61	0.98
2.3	1.16	0.48	0.17	0.05			0.003	0.002	0	1.93	2.3	3.77	4.08	3.62	3.57	0.98
2.28	1.15	0.47	0.16	0.05			0.003	0.003	0	1.85	2.22	3.77	4.01	3.62	3.57	0.98
2.26	1.14	0.46	0.15	0.04			0.002	0.003	0	1.92	2.31	3.73	3.89	3.61	3.57	0.98
2.24	1.12	0.45	0.14	0.04			0.002	0.003	0	1.68	2.25	3.72	3.81	3.61	3.57	0.98
2.21	1.1	0.44	0.14	0.04			0.002	0.002	0	1.7	2.29	3.74	3.82	3.63	3.57	0.98
2.17	1.07	0.42	0.13	0.03			0.002	0.001	0	1.68	1.95	3.75	3.9	3.61	3.57	0.98
2.12	1.04	0.4	0.12	0.03			0.002	0	0	1.66	1.73	3.75	3.97	3.6	3.6	0.98
2.07	1.01	0.39	0.12	0.03			0.001	0	0	1.74	2.24	3.76	4.07	3.63	3.58	0.98
2	0.97	0.37	0.11	0.03	0.01	0	0	0	0	1.89	2.41	3.76	4.13	3.63	3.61	0.98
1.93	0.92	0.35	0.1	0.03		0	0	0.001	0	1.9	2.35	3.75	4.11	3.64	3.61	0.98
1.84	0.87	0.33	0.1	0.03		0	0	0.001	0	1.56	2.11	3.75	4.09	3.63	3.61	0.98
1.74	0.82	0.31	0.09	0.03		0	0	0.001	0	1.67	2.42	3.75	4.08	3.62	3.6	0.98
1.64	0.77	0.29	0.09	0.03			0	0.002	0	1.76	2.4	3.74	4.06	3.6	3.57	0.98
1.54	0.72	0.27	0.09	0.03		0.001	0	0.002	0	1.94	2.31	3.74	4.02	3.59	3.56	0.98
1.43	0.67	0.26	0.09	0.03		0.001	0.001	0.002	0	1.9	2.29	3.76	4.05	3.6	3.58	0.98
1.33	0.63	0.25	0.09	0.03		0.001	0.001	0.002	0	1.81	2.3	3.76	4.06	3.61	3.6	0.98
1.24	0.59	0.24	0.09	0.03		0.001	0.002	0.002	0	2.04	2.31	3.76	4.11	3.62	3.61	0.98
1.16	0.55	0.23	0.09	0.03		0.001	0.002	0.002	0	1.98	2.5	3.77	4.13	3.61	3.61	0.98
1.08	0.53	0.23	0.09	0.04		0.002	0.002	0.002	0	1.36	2.27	3.77	4.05	3.6	3.59	0.98
1.02	0.5	0.23	0.09	0.04		0.002	0.003	0.002	0	2.03	2.12	3.75	4.05	3.61	3.58	0.98
0.98	0.49	0.23	0.09	0.04		0.002	0.003	0.003	0	2	2.33	3.75	4.01	3.62	3.58	0.98
0.94	0.48	0.23	0.1	0.04		0.002	0.003	0.003	0	1.93	2.5	3.74	4.04	3.6	3.57	0.98
0.91	0.47	0.23	0.1	0.04		0.002	0.004	0.004	0	1.64	2.44	3.75	4.07	3.61	3.59	0.98
0.89	0.46	0.23	0.1	0.03		0.002	0.003	0.005	0	1.72	2.4	3.77	4.07	3.62	3.58	0.98
0.87	0.46	0.22	0.09	0.03		0.001	0.003	0.005	0	1.63	2.44	3.77	4.1	3.62	3.59	0.99
0.85	0.45	0.22	0.09	0.03		0.001	0.002	0.005	0	2	2.27	3.77	4.14	3.62	3.6	0.99
0.84	0.44	0.21	0.09	0.03		0.001	0.001	0.005	0	1.9	2.36	3.76	4.12	3.63	3.6	0.99
0.82	0.43	0.21	0.09	0.03		0.001	0	0.006	0	1.75	2.28	3.75	4.03	3.6	3.59	0.99
0.8	0.42	0.2	0.08	0.03			0.001	0.006	0	1.95	2.2	3.74	3.97	3.64	3.58	0.99
0.78	0.41	0.2	0.08	0.02			0.001	0.006	0	1.96	2.03	3.75	3.98	3.63	3.59	0.99
0.76	0.4	0.19	0.08	0.02			0.002	0.006	0	1.63	2.42	3.76	4.04	3.6	3.57	0.99
0.74	0.39	0.19	0.08	0.02			0.002	0.006	0	1.77	2.03	3.77	4.07	3.61	3.57	0.99
0.72	0.38	0.19	0.07	0.02			0.003	0.006	0	1.61	2.21	3.77	4.11	3.62	3.58	0.99
0.69	0.37	0.18	0.07	0.03			0.003	0.006	0	1.81	2.12	3.76	4.09	3.63	3.57	0.99
0.67	0.36	0.18	0.07	0.03	0.009		0.003	0.005	0	1.87	2.09	3.77	4.04	3.64	3.57	0.99
0.64	0.35	0.18	0.07	0.03	0.01		0.003	0.004	0	1.39	2.09	3.74	4.03	3.62	3.57	0.99
0.62	0.34	0.18	0.08	0.03	0.01		0.003	0.003	0	1.64	2.3	3.73	3.98	3.63	3.56	0.99
0.59	0.33	0.17	0.08	0.03	0.01		0.002	0.002	0	1.44	2.34	3.74	3.96	3.61	3.56	0.99
0.57	0.32	0.17	0.08	0.03	0.01		0.001	0.001	0	1.83	2.33	3.75	3.94	3.61	3.56	0.99
0.54	0.31	0.17	0.08	0.03	0.01		0	0	0	1.98	2.4	3.73	3.91	3.61	3.57	0.99
0.52	0.3	0.17	0.08	0.03	0.01	0.006	0.001	0	0	1.92	2.12	3.73	3.92	3.6	3.57	0.99
0.51	0.29	0.16	0.08	0.03	0.01	0.006	0.002	0	0	1.81	2.14	3.74	3.89	3.61	3.56	0.99
0.49	0.28	0.16	0.08	0.03	0.01	0.006	0.002	0	0	1.96	2.27	3.74	3.87	3.62	3.57	0.99
0.48	0.28	0.15	0.07	0.03	0.01	0.005	0.002	0	0	2	2.38	3.74	3.88	3.61	3.57	0.99
0.48	0.27	0.14	0.07	0.02	0.009	0.004	0	-0.001	0	1.68	2.25	3.75	3.95	3.62	3.6	0.99
0.48	0.26	0.14	0.06	0.02	0.007		0	0	0	1.79	2.29	3.75	4.03	3.61	3.6	0.99
0.48	0.26	0.13	0.06	0.02	0.005		0	0.001	0	1.87	1.91	3.76	4.03	3.61	3.62	0.99
0.49	0.26	0.13	0.05	0.02	0.003		0	0.002	0	1.92	2.18	3.75	3.97	3.61	3.6	0.99
0.5	0.26	0.13	0.05	0.01			0	0.003	0	1.91	2.32	3.75	3.94	3.61	3.6	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.52	0.26	0.13	0.05	0.01			0	0.003	0	1.99	2.27	3.73	3.84	3.62	3.57	0.99
0.54	0.26	0.13	0.05	0.01			0	0.003	0	1.73	2.31	3.74	3.79	3.62	3.56	0.99
0.55	0.27	0.13	0.05	0.01			0	0.003	0	1.41	2.27	3.73	3.79	3.62	3.57	0.99
0.58	0.27	0.13	0.05	0.01			0	0.002	0	1.62	2.3	3.74	3.82	3.6	3.58	0.99
0.6	0.28	0.13	0.05	0.01			0	0.002	0	1.76	2.41	3.74	3.89	3.63	3.57	0.99
0.62	0.29	0.14	0.05	0.02	0.006		0	0.001	0	1.38	2.53	3.75	3.92	3.65	3.57	0.99
0.64	0.3	0.14	0.06	0.02	0.008		0	0.001	0	1.53	2.6	3.74	3.9	3.63	3.59	0.99
0.66	0.31	0.14	0.06	0.02	0.009		0	0.001	0	1.53	2.52	3.76	3.87	3.62	3.58	0.99
0.67	0.32	0.15	0.06	0.02	0.01		0	0.001	0	1.7	2.21	3.77	3.86	3.61	3.57	0.99
0.69	0.32	0.15	0.06	0.02	0.01		0	0.001	0	1.62	2.01	3.74	3.87	3.63	3.57	0.99
0.7	0.33	0.15	0.06	0.02	0.01		0.001	0.001	0	1.87	2.18	3.76	3.91	3.62	3.58	0.99
0.71	0.33	0.15	0.06	0.02	0.01		0.001	0.002	0	1.91	2.19	3.75	3.93	3.62	3.59	0.99
0.72	0.34	0.15	0.06	0.02	0.009		0.001	0.002	0	2.28	2.48	3.76	3.91	3.62	3.57	0.99
0.72	0.34	0.15	0.06	0.02	0.009		0.001	0.002	0	1.83	2.58	3.75	3.93	3.63	3.59	0.99
0.73	0.34	0.15	0.06	0.02			0.001	0.003	0	1.84	2.36	3.75	3.94	3.63	3.6	0.99
0.73	0.34	0.15	0.06	0.02			0.001	0.003	0	1.45	2.03	3.75	3.91	3.63	3.58	0.99
0.74	0.34	0.15	0.06	0.02			0.001	0.003	0	1.61	2.41	3.75	3.93	3.61	3.58	0.99
0.74	0.34	0.15	0.06	0.02			0.001	0.003	0	1.65	2.42	3.76	3.96	3.61	3.59	0.99
0.73	0.34	0.15	0.06	0.02			0.001	0.003	0	1.9	2.55	3.77	4.01	3.63	3.59	0.99
0.73	0.34	0.15	0.06	0.02			0	0.003	0	1.67	2.51	3.78	4.03	3.63	3.59	0.99
0.73	0.34	0.15	0.06	0.02			0	0.003	0	1.54	2.02	3.76	3.97	3.61	3.58	0.99
0.72	0.34	0.15	0.06	0.02		0	0	0.003	0	1.5	2.23	3.75	3.86	3.62	3.56	0.98
0.72	0.34	0.15	0.06	0.02		0	0	0.003	0	1.65	2.14	3.74	3.81	3.62	3.58	0.98
0.71	0.33	0.15	0.06	0.02		0	0	0.003	0	1.87	2.27	3.74	3.78	3.6	3.58	0.98
0.7	0.33	0.15	0.06	0.02		0	0.001	0.003	0	2.07	2.39	3.74	3.85	3.62	3.58	0.98
0.7	0.33	0.14	0.06	0.02		0	0.001	0.003	0	2.06	2.49	3.75	3.88	3.62	3.58	0.98
0.69	0.33	0.15	0.06	0.02		0.001	0.001	0.003	0	1.9	2.21	3.75	3.93	3.62	3.59	0.98
0.69	0.33	0.15	0.06	0.02		0.001	0.001	0.003	0	1.71	2.31	3.75	3.94	3.61	3.58	0.98
0.69	0.33	0.15	0.06	0.02		0.001	0.001	0.003	0	1.64	2.49	3.75	3.93	3.6	3.58	0.98
0.69	0.34	0.15	0.06	0.02		0.001	0.001	0.002	0	1.6	2.54	3.76	3.96	3.62	3.59	0.98
0.7	0.35	0.16	0.06	0.02		0.001	0.001	0.002	0	2.06	2.36	3.76	3.93	3.6	3.58	0.98
0.71	0.36	0.17	0.07	0.02		0.001	0.001	0.001	0	1.62	1.93	3.76	3.98	3.62	3.58	0.98
0.73	0.38	0.18	0.07	0.02		0.001	0.001	0.001	0	1.82	2.36	3.75	3.99	3.62	3.57	0.98
0.75	0.39	0.19	0.07	0.02		0	0.001	0	0	1.61	2.45	3.73	3.96	3.61	3.57	0.98
0.77	0.41	0.2	0.08	0.02		0	0.001	-0.001	0	2.02	2.04	3.73	3.98	3.61	3.58	0.98
0.81	0.43	0.21	0.08	0.03	0.01	0.001	0.002	-0.001	0	2.02	2.02	3.75	4.03	3.62	3.57	0.98
0.84	0.46	0.22	0.09	0.03	0.01	0.004	0.004	0	0	1.62	2.23	3.75	4.03	3.61	3.57	0.98
0.88	0.48	0.23	0.09	0.03	0.01	0.006	0.005	0	0	1.92	2.39	3.77	4.06	3.63	3.59	0.98
0.93	0.51	0.24	0.1	0.03	0.01	0.007	0.005	0	0	1.92	2.45	3.75	4.1	3.62	3.6	0.98
0.96	0.53	0.25	0.1	0.03	0.01	0.006	0.005	0	0	1.54	2.43	3.77	4.07	3.61	3.58	0.98
1	0.54	0.26	0.1	0.03	0.01	0.005	0.004	0	0	1.35	2.32	3.76	4.04	3.61	3.57	0.98
1.03	0.56	0.26	0.09	0.03	0.01	0.002	0.002	-0.001	0	1.75	1.68	3.77	4.1	3.61	3.57	0.98
1.07	0.58	0.26	0.09	0.03	0.01	0	0.001	-0.001	0	1.41	2.02	3.78	4.12	3.61	3.61	0.98
1.09	0.59	0.27	0.09	0.02		0.001	0.001	0	0	1.73	2.38	3.78	4.14	3.62	3.6	0.98
1.12	0.6	0.27	0.09	0.02		0.002	0.001	0.001	0	1.52	2.55	3.77	4.13	3.61	3.62	0.98
1.14	0.61	0.28	0.09	0.02		0.002	0.001	0.001	0	1.51	2.46	3.76	4.14	3.62	3.59	0.98
1.16	0.62	0.28	0.09	0.02		0.003	0.001	0.002	0	1.8	1.96	3.75	4.08	3.61	3.59	0.98
1.17	0.63	0.28	0.1	0.02		0.003	0.001	0.002	0	1.73	2.05	3.74	4.03	3.61	3.6	0.98
1.19	0.63	0.28	0.1	0.02		0.003	0.001	0.001	0	1.81	2.49	3.75	4.1	3.6	3.56	0.98
1.2	0.64	0.29	0.1	0.02		0.002	0.001	0.001	0	1.7	2.48	3.76	4.14	3.61	3.59	0.98
1.21	0.64	0.29	0.1	0.02		0.002	0.001	0.001	0	1.87	2.38	3.76	4.15	3.62	3.6	0.98
1.22	0.65	0.29	0.1	0.03		0.002	0.001	0.001	0	2.02	2.21	3.76	4.13	3.65	3.61	0.98
1.22	0.65	0.29	0.1	0.03		0.002	0.001	0	0	1.7	2.35	3.75	4.08	3.64	3.58	0.98
1.23	0.66	0.3	0.11	0.03		0.001	0	0	0	1.27	2.29	3.75	4.03	3.63	3.56	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.24	0.66	0.3	0.11	0.03		0	0	0	0	1.54	2.23	3.73	3.96	3.61	3.57	0.99
1.24	0.67	0.3	0.11	0.03	0.006	0	0	0	0	1.75	2.36	3.75	3.96	3.59	3.59	0.99
1.24	0.67	0.3	0.11	0.03	0.007	0.001	0	0	0	1.84	2.21	3.76	3.95	3.6	3.59	0.99
1.24	0.67	0.3	0.11	0.03	0.009	0.003	0	0	0	1.47	2.31	3.74	4	3.61	3.59	0.98
1.24	0.67	0.31	0.11	0.03	0.01	0.004	0.001	0	0	1.9	2.52	3.75	3.97	3.63	3.59	0.98
1.24	0.67	0.31	0.11	0.04	0.01	0.006	0.001	0.001	0	1.99	2.4	3.76	4.06	3.63	3.58	0.98
1.24	0.67	0.31	0.11	0.04	0.01	0.008	0.002	0.001	0	1.83	2.03	3.75	4.03	3.64	3.57	0.98
1.23	0.67	0.31	0.12	0.04	0.01	0.009	0.003	0.001	0	1.67	2.36	3.75	3.99	3.62	3.58	0.98
1.22	0.67	0.31	0.12	0.05	0.02	0.01	0.004	0.002	0	1.79	2.23	3.74	3.97	3.6	3.58	0.98
1.22	0.67	0.32	0.13	0.05	0.02	0.01	0.006	0.002	0	1.53	2.19	3.74	3.99	3.62	3.57	0.98
1.21	0.67	0.32	0.13	0.05	0.02	0.01	0.006	0.002	0	1.57	2.43	3.74	4	3.6	3.59	0.98
1.2	0.67	0.32	0.14	0.06	0.02	0.01	0.007	0.002	0	2.05	2.44	3.75	3.99	3.6	3.58	0.98
1.2	0.67	0.32	0.14	0.06	0.02	0.01	0.007	0.003	0	1.86	2.25	3.74	4	3.61	3.58	0.98
1.2	0.67	0.33	0.14	0.06	0.02	0.01	0.007	0.003	0	1.78	2.31	3.75	3.94	3.62	3.58	0.97
1.21	0.67	0.33	0.14	0.06	0.02	0.01	0.006	0.003	0	1.88	2.37	3.74	3.91	3.6	3.57	0.97
1.23	0.68	0.33	0.14	0.06	0.02	0.01	0.004	0.002	0	1.69	2.18	3.73	3.94	3.62	3.53	0.97
1.26	0.69	0.33	0.13	0.05	0.02	0.009	0.002	0.002	0	1.5	2.22	3.74	4.01	3.6	3.56	0.97
1.31	0.7	0.33	0.13	0.05	0.02	0.006	0.002	0.002	0	1.85	2.22	3.74	4.04	3.62	3.59	0.98
1.36	0.72	0.33	0.13	0.05	0.02	0.005	0.001	0.002	0	2.01	2.03	3.76	4.04	3.63	3.6	0.98
1.43	0.75	0.34	0.13	0.05	0.01	0.002	0.001	0.002	0	2.03	2.04	3.75	3.99	3.61	3.57	0.98
1.5	0.77	0.34	0.13	0.04	0.01	0.001	0	0.002	0	1.98	2.29	3.75	3.97	3.6	3.56	0.98
1.58	0.8	0.35	0.13	0.04			0.001	0.002	0	2.03	2.18	3.74	3.95	3.63	3.57	0.98
1.66	0.84	0.36	0.12	0.04			0.001	0.002	0	1.66	1.92	3.75	3.92	3.63	3.56	0.98
1.74	0.87	0.36	0.12	0.03			0.002	0.002	0	1.83	2.36	3.75	3.94	3.63	3.58	0.98
1.81	0.9	0.37	0.12	0.03			0.002	0.002	0	1.88	2.45	3.75	4.01	3.62	3.57	0.98
1.87	0.93	0.38	0.13	0.03			0.001	0.002	0	1.95	2.46	3.76	4.06	3.62	3.58	0.98
1.92	0.96	0.4	0.13	0.03			0.001	0.002	0	2.07	2.57	3.77	4.06	3.64	3.58	0.99
1.96	0.99	0.41	0.13	0.03			0	0.002	0	1.93	2.54	3.77	4.01	3.63	3.59	0.99
1.99	1.01	0.42	0.14	0.03			0	0.002	0	1.9	2.31	3.76	4.06	3.63	3.6	0.99
2.01	1.03	0.43	0.14	0.04			0	0.001	0	1.33	1.89	3.75	4	3.61	3.57	0.99
2.04	1.05	0.44	0.15	0.04			0	0.001	0	1.82	1.79	3.74	3.96	3.6	3.58	0.99
2.06	1.07	0.45	0.15	0.04		0.002	0	0.001	0	2.01	2.41	3.74	3.99	3.61	3.6	0.98
2.09	1.09	0.46	0.15	0.04			0	0.001	0	1.86	2.5	3.74	4.01	3.61	3.58	0.98
2.11	1.11	0.47	0.16	0.04			0	0.002	0	1.52	2.43	3.75	4.04	3.6	3.6	0.98
2.14	1.12	0.48	0.16	0.04		0.002	0	0.002	0	1.93	2.43	3.76	4.05	3.62	3.6	0.98
2.16	1.14	0.49	0.16	0.04		0.002	0	0.003	0	1.8	2.28	3.75	4.08	3.61	3.58	0.98
2.17	1.15	0.49	0.16	0.04		0.002	0	0.004	0	1.93	2.26	3.75	4.02	3.6	3.57	0.98
2.18	1.16	0.5	0.16	0.04		0.001	0.001	0.004	0	1.91	2.19	3.75	4.03	3.61	3.57	0.98
2.18	1.16	0.5	0.17	0.04		0.001	0.001	0.004	0	1.59	2.25	3.76	4.01	3.6	3.58	0.98
2.17	1.16	0.51	0.17	0.04		0.001	0.001	0.003	0	1.72	2.4	3.76	4.08	3.63	3.59	0.98
2.15	1.16	0.51	0.17	0.04		0.001	0.001	0.002	0	2.31	2.6	3.76	4.08	3.62	3.61	0.98
2.12	1.15	0.51	0.18	0.05		0.001	0.001	0.001	0	1.81	2.64	3.74	4.08	3.62	3.59	0.98
2.09	1.14	0.51	0.18	0.05		0.001	0.001	-0.001	0	2.05	2.5	3.75	3.96	3.62	3.58	0.98
2.05	1.12	0.51	0.18	0.05		0	0.001	-0.001	0	2.32	2.34	3.73	3.8	3.61	3.57	0.98
2.01	1.1	0.51	0.18	0.05		0	0.001	-0.001	0	2.17	2.18	3.73	3.72	3.62	3.56	0.98
1.97	1.08	0.5	0.18	0.05	0.009	0	0.001	-0.001	0	1.79	2.38	3.74	3.81	3.61	3.54	0.98
1.93	1.06	0.49	0.18	0.05	0.01	0	0.001	-0.001	0	1.55	2.55	3.76	3.96	3.61	3.56	0.99
1.9	1.04	0.48	0.18	0.05	0.01	0.001	0.001	-0.002	0	2.27	2.51	3.75	4.06	3.63	3.58	0.99
1.86	1.02	0.47	0.18	0.05	0.01	0.002	0.002	-0.002	0	2.28	2.37	3.76	4.09	3.63	3.57	0.99
1.83	1	0.47	0.18	0.05	0.01	0.003	0.003	-0.001	0	2.1	2.36	3.76	4.09	3.63	3.59	0.99
1.81	0.98	0.46	0.18	0.05	0.02	0.006	0.005	0	0	1.47	2.45	3.76	4.01	3.61	3.59	0.99
1.79	0.97	0.46	0.18	0.06	0.02	0.009	0.006	0	0	1.94	2.43	3.75	3.89	3.6	3.59	0.99
1.78	0.96	0.45	0.18	0.06	0.02	0.01	0.008	0.001	0	2.09	2.37	3.73	3.83	3.63	3.57	0.99
1.77	0.95	0.45	0.18	0.07	0.02	0.01	0.008	0.001	0	2.13	2.29	3.73	3.85	3.63	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.77	0.95	0.44	0.18	0.07	0.02	0.01	0.009	0.001	0	1.87	2.36	3.75	3.92	3.63	3.55	0.99
1.78	0.95	0.44	0.18	0.07	0.02	0.01	0.009	0.001	0	1.57	2.56	3.74	3.99	3.62	3.56	0.99
1.79	0.95	0.44	0.18	0.07	0.03	0.01	0.009	0.001	0	1.86	2.44	3.76	4	3.62	3.57	0.99
1.81	0.96	0.44	0.18	0.07	0.03	0.01	0.009	0.001	0	1.69	2.35	3.77	3.97	3.64	3.57	0.98
1.84	0.97	0.44	0.17	0.07	0.03	0.01	0.01	0.002	0	2.01	2.51	3.76	3.99	3.62	3.57	0.98
1.86	0.98	0.44	0.17	0.07	0.03	0.01	0.01	0.002	0	2.06	2.34	3.76	4.02	3.62	3.58	0.98
1.89	0.99	0.44	0.17	0.07	0.03	0.01	0.01	0.003	0	1.71	2.38	3.75	4.01	3.61	3.59	0.97
1.92	1	0.44	0.17	0.07	0.02	0.01	0.009	0.003	0	1.87	2.43	3.74	3.97	3.61	3.58	0.97
1.94	1.01	0.44	0.17	0.06	0.02	0.01	0.007	0.003	0	2.02	1.99	3.74	3.94	3.61	3.59	0.97
1.97	1.02	0.44	0.17	0.06	0.02	0.01	0.006	0.002	0	1.85	2.31	3.74	3.95	3.62	3.57	0.96
1.98	1.04	0.45	0.17	0.06	0.02	0.008	0.004	0.002	0	1.9	2.53	3.73	3.98	3.62	3.56	0.96
2	1.05	0.45	0.17	0.05	0.01	0.007	0.003	0.002	0	1.94	2.46	3.74	3.97	3.6	3.54	0.96
2	1.05	0.46	0.17	0.05	0.01	0.005	0.002	0.002	0	1.86	2.1	3.74	4.04	3.61	3.57	0.96
1.99	1.06	0.47	0.18	0.05	0.01	0.004	0.001	0.001	0	1.93	2.22	3.75	4.11	3.61	3.59	0.96
1.98	1.07	0.48	0.18	0.05	0.01	0.003	0	0.001	0	2.27	2.38	3.75	4.13	3.62	3.58	0.96
1.96	1.07	0.49	0.19	0.06	0.01	0.001	0	0.001	0	2.15	2.42	3.77	4.1	3.62	3.58	0.96
1.94	1.07	0.5	0.19	0.06		0	0	0	0	1.64	2.38	3.74	4.06	3.61	3.56	0.96
1.91	1.07	0.51	0.2	0.06		0	0	0	0	1.75	2.37	3.73	3.99	3.6	3.55	0.96
1.89	1.08	0.52	0.21	0.06		0.001	0.001	0	0	1.77	2.31	3.72	3.95	3.6	3.55	0.96
1.87	1.08	0.53	0.22	0.07		0.001	0.001	0	0	1.88	2.17	3.75	3.97	3.61	3.56	0.96
1.86	1.08	0.54	0.22	0.07		0.001	0.002	0	0	1.73	2.14	3.75	4.02	3.6	3.57	0.96
1.85	1.08	0.55	0.23	0.07		0.001	0.002	0	0	1.56	2.22	3.75	4.03	3.62	3.55	0.96
1.86	1.09	0.55	0.23	0.07		0.001	0.002	0.001	0	1.79	2.22	3.74	4.01	3.61	3.57	0.96
1.87	1.09	0.55	0.23	0.07		0.001	0.002	0.001	0	1.64	2.4	3.75	4	3.61	3.58	0.96
1.88	1.1	0.55	0.23	0.07		0.001	0.002	0.002	0	1.92	2.34	3.76	3.94	3.62	3.56	0.96
1.89	1.1	0.55	0.23	0.07		0.001	0.002	0.002	0	1.77	2.36	3.74	3.98	3.64	3.56	0.96
1.9	1.1	0.55	0.22	0.06		0.001	0.001	0.003	0	1.97	2.45	3.75	4.01	3.62	3.58	0.96
1.91	1.1	0.55	0.22	0.06		0	0.001	0.003	0	2.06	2.39	3.75	4.01	3.61	3.57	0.96
1.92	1.1	0.54	0.21	0.06		0	0.001	0.004	0	1.65	2.22	3.75	3.99	3.62	3.58	0.96
1.92	1.1	0.54	0.21	0.06	0.01	0	0	0.003	0	1.91	2.14	3.73	3.92	3.61	3.57	0.97
1.91	1.09	0.53	0.21	0.06	0.01		0	0.003	0	1.83	2.39	3.72	3.89	3.63	3.6	0.97
1.9	1.08	0.53	0.2	0.06	0.01	0.001	0	0.003	0	1.64	2.43	3.73	3.87	3.64	3.59	0.97
1.88	1.07	0.52	0.2	0.06	0.01		0	0.002	0	1.65	2.23	3.73	3.95	3.64	3.57	0.97
1.84	1.05	0.51	0.2	0.06	0.01	0.002	0	0.002	0	1.69	2.45	3.75	3.98	3.66	3.61	0.97
1.81	1.03	0.5	0.2	0.06	0.01	0.002	0	0.001	0	1.99	2.56	3.75	4.04	3.63	3.59	0.97
1.77	1.01	0.5	0.2	0.06	0.01	0.002	0.001	0	0	1.69	2.2	3.74	4.03	3.66	3.58	0.98
1.72	0.99	0.49	0.2	0.06	0.01	0.002	0.001	0	0	1.59	2.4	3.73	3.95	3.63	3.59	0.98
1.68	0.97	0.49	0.2	0.06	0.01	0.002	0.001	-0.001	0	1.71	2.46	3.73	3.85	3.62	3.59	0.98
1.63	0.95	0.48	0.2	0.06	0.01	0.003	0.001	-0.001	0	1.76	2.19	3.73	3.82	3.63	3.57	0.98
1.6	0.93	0.48	0.2	0.07	0.02	0.004	0.003	-0.001	0	1.79	2.34	3.75	3.83	3.62	3.58	0.98
1.56	0.92	0.47	0.2	0.07	0.02	0.005	0.003	-0.001	0	1.97	1.91	3.74	3.88	3.6	3.59	0.98
1.54	0.9	0.47	0.2	0.07	0.02	0.004	0.003	-0.001	0	1.64	2.29	3.74	3.87	3.6	3.58	0.98
1.52	0.89	0.46	0.2	0.07	0.02	0.003	0.002	-0.002	0	1.31	2.31	3.73	3.8	3.61	3.58	0.98
1.51	0.87	0.45	0.19	0.06	0.02	0.002	0.002	-0.001	0	1.74	2.26	3.73	3.8	3.62	3.57	0.98
1.5	0.87	0.45	0.19	0.06	0.02	0.002	0.001	-0.001	0	1.79	2.34	3.73	3.8	3.62	3.58	0.98
1.51	0.86	0.44	0.19	0.06	0.02	0.002	0.001	0	0	2.15	2.09	3.74	3.83	3.62	3.57	0.98
1.53	0.86	0.44	0.18	0.06	0.02	0.002	0	0.001	0	1.54	2.04	3.74	3.86	3.61	3.58	0.98
1.55	0.87	0.43	0.18	0.06	0.01	0.002	0	0.001	0	1.65	2.17	3.74	3.87	3.6	3.58	0.98
1.59	0.88	0.43	0.18	0.06	0.01		0	0.001	0	1.91	2.13	3.73	3.87	3.61	3.57	0.98
1.63	0.89	0.43	0.18	0.06	0.01		0.001	0.002	0	1.59	2.25	3.74	3.87	3.58	3.58	0.98
1.67	0.91	0.43	0.18	0.06	0.01		0.001	0.003	0	1.79	2.36	3.75	3.84	3.58	3.54	0.98
1.72	0.92	0.43	0.17	0.06			0.001	0.004	0	1.87	2.13	3.75	3.82	3.6	3.55	0.99
1.77	0.94	0.43	0.17	0.05			0.001	0.005	0	1.69	2.19	3.75	3.78	3.6	3.57	0.99
1.81	0.95	0.43	0.16	0.05			0.001	0.006	0	1.54	2.18	3.74	3.78	3.62	3.56	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.86	0.97	0.43	0.16	0.05			0.001	0.008	0	1.77	2.17	3.75	3.92	3.63	3.57	0.99
1.89	0.98	0.43	0.16	0.04			0.001	0.009	0	2.01	2.48	3.75	3.98	3.63	3.58	0.99
1.92	0.99	0.43	0.15	0.04			0.001	0.01	0	2.11	2.43	3.76	3.99	3.63	3.6	0.99
1.93	0.99	0.42	0.15	0.04			0.001	0.01	0	1.85	2.43	3.74	3.94	3.63	3.6	0.99
1.94	0.99	0.42	0.14	0.04			0.002	0.01	0	1.72	2.35	3.75	3.87	3.6	3.57	0.99
1.93	0.98	0.42	0.14	0.04			0.002	0.01	0	1.78	2.26	3.75	3.83	3.63	3.57	0.98
1.91	0.97	0.41	0.14	0.04			0.002	0.009	0	1.66	1.75	3.74	3.83	3.61	3.57	0.98
1.89	0.96	0.41	0.14	0.04			0.002	0.008	0	1.55	2.17	3.73	3.82	3.61	3.57	0.98
1.85	0.94	0.4	0.14	0.04			0.002	0.006	0	1.78	2.16	3.74	3.85	3.62	3.58	0.98
1.81	0.92	0.39	0.14	0.04			0.001	0.005	0	1.78	2.5	3.75	3.9	3.62	3.57	0.98
1.75	0.89	0.38	0.14	0.04	0.01		0.001	0.005	0	1.87	2.52	3.74	3.96	3.6	3.56	0.98
1.7	0.86	0.37	0.14	0.04	0.01	0.001	0	0.004	0	1.92	2.51	3.74	3.94	3.62	3.58	0.98
1.64	0.83	0.36	0.14	0.04	0.01	0.001	0	0.003	0	1.92	2.43	3.74	3.93	3.62	3.59	0.98
1.58	0.8	0.35	0.13	0.04	0.01	0.001	0.001	0.003	0	1.69	2.14	3.74	3.9	3.62	3.59	0.98
1.52	0.77	0.34	0.13	0.04	0.01	0.001	0.001	0.002	0	1.69	2.07	3.74	3.88	3.61	3.57	0.98
1.47	0.74	0.33	0.13	0.04	0.01	0	0.002	0.002	0	1.69	2.37	3.75	3.87	3.6	3.57	0.98
1.42	0.72	0.32	0.12	0.04		0	0.002	0.002	0	1.69	2.62	3.75	3.91	3.61	3.55	0.98
1.37	0.7	0.32	0.12	0.04		0	0.002	0.002	0	1.86	2.44	3.76	3.94	3.62	3.59	0.98
1.34	0.68	0.31	0.12	0.04		0.001	0.002	0.002	0	1.68	2.4	3.74	3.96	3.61	3.59	0.98
1.31	0.67	0.31	0.12	0.04		0.001	0.002	0.002	0	1.73	2.48	3.74	3.96	3.61	3.6	0.98
1.29	0.66	0.3	0.12	0.04		0.001	0.002	0.002	0	1.77	2.17	3.74	3.93	3.6	3.59	0.98
1.28	0.65	0.3	0.12	0.04		0.001	0.002	0.002	0	1.68	2.19	3.74	3.91	3.61	3.56	0.98
1.27	0.64	0.3	0.12	0.04		0.001	0.002	0.002	0	1.55	2.45	3.74	3.86	3.62	3.58	0.98
1.26	0.64	0.29	0.11	0.03		0.001	0.001	0.002	0	1.56	2.29	3.75	3.88	3.61	3.57	0.98
1.26	0.64	0.29	0.11	0.03		0.002	0.001	0.002	0	1.83	2.45	3.74	3.94	3.61	3.58	0.98
1.25	0.64	0.29	0.11	0.03		0.002	0.001	0.003	0	1.62	2.45	3.74	3.92	3.62	3.59	0.98
1.25	0.64	0.28	0.11	0.03		0.002	0.001	0.004	0	1.49	2.36	3.74	3.92	3.62	3.59	0.98
1.24	0.64	0.28	0.1			0.003	0.001	0.004	0	1.58	2.51	3.76	3.88	3.62	3.57	0.98
1.24	0.63	0.28	0.1			0.003	0.001	0.005	0	1.76	2.4	3.75	3.82	3.61	3.58	0.99
1.23	0.63	0.28	0.1			0.003	0.001	0.006	0	1.73	2.38	3.74	3.81	3.61	3.56	0.99
1.22	0.63	0.28	0.1			0.004	0.001	0.006	0	1.36	2.38	3.75	3.81	3.6	3.54	0.99
1.21	0.62	0.28	0.1			0.004	0.001	0.006	0	1.34	2.23	3.76	3.82	3.62	3.57	0.99
1.19	0.62	0.28	0.1			0.003	0.001	0.005	0	1.57	2.08	3.76	3.84	3.61	3.58	0.99
1.17	0.61	0.28	0.1	0.03		0.003	0.001	0.005	0	1.78	1.99	3.76	3.82	3.62	3.58	0.99
1.15	0.6	0.28	0.11	0.03		0.003	0	0.004	0	1.66	2	3.74	3.82	3.61	3.57	0.99
1.13	0.6	0.28	0.11	0.03		0.002	0.001	0.003	0	1.83	2.2	3.75	3.85	3.65	3.58	0.99
1.11	0.59	0.28	0.11	0.03		0.002	0.001	0.002	0	2	2.39	3.75	3.89	3.65	3.6	0.99
1.1	0.58	0.28	0.11	0.03		0.002	0.001	0.002	0	1.54	2.42	3.77	3.87	3.64	3.59	0.99
1.09	0.57	0.27	0.11	0.04		0.001	0.001	0.002	0	1.7	2.43	3.76	3.84	3.61	3.58	0.99
1.08	0.57	0.27	0.11	0.04		0.001	0.001	0.002	0	1.57	2.42	3.74	3.81	3.62	3.58	0.99
1.09	0.56	0.27	0.11	0.03		0	0.001	0.001	0	1.76	2.4	3.74	3.82	3.62	3.59	0.99
1.1	0.56	0.26	0.11	0.03	0.01	0	0.001	0.002	0	2.12	2.32	3.76	3.82	3.63	3.59	0.99
1.12	0.56	0.26	0.11	0.03	0.01	0	0.001	0.002	0	1.74	2.01	3.77	3.9	3.64	3.58	0.99
1.15	0.57	0.25	0.1	0.03	0.01	0.001	0.001	0.002	0	1.46	2.46	3.76	3.93	3.63	3.59	0.99
1.19	0.58	0.25	0.1	0.03	0.01	0	0.001	0.003	0	1.77	2.29	3.76	3.89	3.59	3.58	0.98
1.24	0.59	0.25	0.1	0.03	0.01	0	0.001	0.004	0	1.76	2.3	3.76	3.86	3.61	3.57	0.98
1.3	0.61	0.26	0.1	0.03	0.01	0	0.001	0.005	0	1.65	2.35	3.74	3.81	3.63	3.59	0.98
1.35	0.63	0.26	0.1	0.03	0.01	0	0.001	0.006	0	1.67	2	3.75	3.84	3.62	3.57	0.98
1.41	0.65	0.27	0.1	0.03		0	0	0.007	0	1.66	2.14	3.75	3.91	3.62	3.58	0.98
1.45	0.68	0.27	0.1	0.03			0	0.007	0	1.74	1.92	3.76	3.93	3.61	3.58	0.98
1.5	0.7	0.28	0.1	0.03			0.001	0.007	0	1.7	2.37	3.75	3.94	3.64	3.6	0.97
1.53	0.72	0.28	0.1	0.03			0.001	0.007	0	1.37	2.4	3.75	3.92	3.63	3.57	0.97
1.55	0.73	0.29	0.1	0.03			0.001	0.007	0	1.73	1.38	3.75	3.86	3.61	3.57	0.97
1.57	0.74	0.29	0.1	0.03			0.002	0.006	0	1.67	1.95	3.76	3.79	3.6	3.58	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.58	0.75	0.3	0.1	0.03			0.002	0.006	0	1.74	2.46	3.74	3.76	3.6	3.57	0.97
1.58	0.76	0.3	0.1	0.03			0.002	0.006	0	1.73	2.46	3.74	3.84	3.63	3.58	0.97
1.58	0.77	0.31	0.1	0.03			0.003	0.006	0	1.52	2.31	3.75	3.9	3.64	3.58	0.97
1.58	0.77	0.31	0.11	0.02			0.003	0.005	0	1.73	2.36	3.76	3.94	3.62	3.62	0.97
1.57	0.77	0.32	0.11	0.03	0.006		0.003	0.005	0	1.91	2.35	3.76	3.96	3.63	3.59	0.97
1.55	0.77	0.32	0.11	0.03	0.006		0.002	0.005	0	1.54	2.54	3.77	3.97	3.64	3.58	0.97
1.54	0.76	0.32	0.11	0.03	0.005		0.002	0.005	0	1.56	2.45	3.77	3.93	3.64	3.58	0.97
1.52	0.76	0.32	0.11	0.03			0.002	0.005	0	1.48	2.38	3.75	3.87	3.63	3.59	0.97
1.5	0.75	0.32	0.11	0.03			0.002	0.004	0	1.47	2.52	3.75	3.84	3.6	3.59	0.97
1.48	0.74	0.32	0.11	0.03			0.001	0.004	0	1.37	2.48	3.74	3.89	3.62	3.57	0.97
1.46	0.73	0.32	0.11	0.03			0.001	0.004	0	1.54	2.37	3.75	3.93	3.64	3.57	0.97
1.44	0.72	0.31	0.11	0.03			0.001	0.003	0	1.63	2.48	3.76	3.96	3.63	3.58	0.97
1.41	0.71	0.31	0.12	0.03			0	0.003	0	1.7	2.48	3.77	3.97	3.63	3.58	0.97
1.39	0.71	0.31	0.12	0.03	0.008		0	0.002	0	1.59	2.47	3.78	3.98	3.64	3.59	0.98
1.38	0.7	0.31	0.12	0.03	0.009	0	0	0.002	0	1.87	2.32	3.76	3.94	3.64	3.59	0.98
1.36	0.69	0.31	0.12	0.03	0.01	0.001	0	0.002	0	1.86	2.32	3.75	3.9	3.65	3.59	0.98
1.34	0.68	0.31	0.12	0.03	0.01	0.001	0.001	0.002	0	1.72	2.15	3.75	3.91	3.64	3.58	0.98
1.32	0.67	0.3	0.12	0.04	0.01	0.001	0.001	0.001	0	1.36	2.08	3.75	3.97	3.66	3.57	0.98
1.3	0.66	0.3	0.12	0.04	0.01	0.001	0.001	0.001	0	1.64	2.5	3.79	4.02	3.65	3.58	0.98
1.28	0.65	0.29	0.12	0.04	0.01	0.001	0.002	0.001	0	1.91	2.52	3.78	4.06	3.64	3.59	0.98
1.27	0.64	0.29	0.12	0.04	0.01	0.002	0.002	0.001	0	2.04	2.42	3.76	4.06	3.63	3.62	0.98
1.25	0.63	0.29	0.12	0.04	0.01	0.002	0.002	0.001	0	1.75	2.49	3.76	4.02	3.61	3.62	0.98
1.24	0.62	0.28	0.11	0.04	0.01	0.002	0.002	0	0	1.78	2.25	3.76	3.92	3.63	3.59	0.98
1.23	0.62	0.28	0.12	0.04	0.01	0.002	0.002	0	0	2.05	2.12	3.76	3.86	3.62	3.57	0.98
1.22	0.61	0.28	0.12	0.04	0.01	0.002	0.003	0	0	1.26	2.27	3.75	3.85	3.62	3.57	0.98
1.22	0.61	0.28	0.12	0.04	0.01	0.002	0.003	0	0	1.73	2.2	3.74	3.88	3.62	3.58	0.98
1.22	0.6	0.28	0.11	0.04	0.01	0.003	0.003	0.001	0	1.87	2.24	3.75	3.95	3.62	3.58	0.98
1.22	0.6	0.27	0.11	0.04	0.01	0.003	0.003	0.001	0	1.89	2.44	3.76	3.98	3.61	3.6	0.98
1.22	0.6	0.27	0.11	0.04	0.01	0.002	0.003	0.001	0	1.83	2.54	3.75	3.99	3.63	3.57	0.97
1.23	0.6	0.27	0.11	0.04	0.01	0.002	0.003	0.002	0	1.68	2.38	3.76	3.98	3.63	3.58	0.97
1.24	0.6	0.26	0.11	0.04	0.01	0.001	0.003	0.002	0	1.6	2.13	3.75	4	3.62	3.59	0.97
1.25	0.6	0.26	0.1	0.03		0	0.002	0.003	0	1.78	2.23	3.75	3.95	3.63	3.59	0.97
1.26	0.61	0.26	0.1	0.03		0.001	0.002	0.004	0	1.7	2.35	3.77	3.91	3.61	3.58	0.97
1.28	0.61	0.26	0.1	0.03		0.002	0.001	0.004	0	1.75	2.39	3.75	3.94	3.64	3.56	0.97
1.3	0.62	0.26	0.1	0.03		0.002	0	0.005	0	1.79	2.45	3.75	3.95	3.61	3.57	0.96
1.31	0.62	0.26	0.09	0.02			0	0.005	0	1.81	2.32	3.75	3.97	3.64	3.58	0.96
1.33	0.63	0.26	0.09	0.02			0	0.006	0	1.79	2.37	3.76	3.99	3.63	3.6	0.96
1.34	0.63	0.26	0.09	0.02			0.001	0.006	0	1.84	2.24	3.77	4.01	3.64	3.6	0.96
1.36	0.64	0.26	0.09	0.02			0.001	0.006	0	1.6	2.27	3.76	4	3.64	3.57	0.96
1.37	0.65	0.26	0.09	0.02			0	0.006	0	1.48	2.14	3.76	4.04	3.64	3.59	0.96
1.38	0.65	0.26	0.09	0.02			0	0.006	0	1.52	2.1	3.74	4.03	3.63	3.59	0.96
1.39	0.66	0.27	0.09	0.02			0	0.005	0	1.16	2.46	3.76	4.04	3.63	3.59	0.96
1.39	0.67	0.27	0.09	0.02		0.003	0	0.005	0	1.54	2.59	3.77	4.05	3.63	3.56	0.96
1.4	0.67	0.28	0.1	0.02		0.003	0	0.005	0	1.44	2.54	3.74	4.05	3.63	3.58	0.96
1.4	0.68	0.28	0.1	0.03		0.003	0.001	0.004	0	1.38	2.17	3.74	4.05	3.64	3.55	0.97
1.41	0.69	0.28	0.1	0.03		0.002	0.001	0.004	0	1.69	2.07	3.75	4.05	3.61	3.57	0.97
1.42	0.69	0.29	0.1	0.03		0.001	0.001	0.004	0	1.9	2.18	3.74	4.02	3.62	3.56	0.97
1.42	0.7	0.29	0.1	0.03		0.001	0.002	0.004	0	1.79	2.21	3.75	4.03	3.62	3.56	0.97
1.43	0.7	0.29	0.11	0.03		0.001	0.002	0.003	0	1.68	2.35	3.75	4.06	3.63	3.56	0.97
1.43	0.7	0.29	0.11	0.04		0	0.003	0.003	0	1.49	2.28	3.76	4.09	3.63	3.59	0.97
1.44	0.71	0.29	0.11	0.04		0	0.003	0.003	0	1.72	2.19	3.76	4.1	3.62	3.58	0.97
1.45	0.71	0.3	0.11	0.04	0.01	0	0.003	0.003	0	1.76	2.34	3.76	4.08	3.62	3.6	0.97
1.46	0.71	0.3	0.11	0.04	0.01	0	0.003	0.002	0	1.76	2.53	3.76	4.07	3.64	3.57	0.97
1.47	0.72	0.3	0.11	0.03	0.01	0	0.003	0.002	0	1.85	2.57	3.76	4.05	3.64	3.56	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.48	0.72	0.3	0.11	0.03	0.01	0	0.003	0.001	0	1.8	2.25	3.76	4.04	3.62	3.58	0.97
1.48	0.72	0.3	0.11	0.03	0.01	0	0.003	0.001	0	1.72	2.1	3.76	4.04	3.62	3.58	0.98
1.49	0.73	0.31	0.11	0.03		0	0.003	0	0	1.52	2.35	3.75	4.04	3.62	3.6	0.98
1.49	0.73	0.31	0.11	0.03		0	0.003	0	0	1.38	2.55	3.75	4.1	3.62	3.58	0.98
1.5	0.73	0.31	0.11	0.03		0	0.003	0	0	1.5	2.42	3.77	4.13	3.62	3.59	0.98
1.5	0.73	0.31	0.11	0.03		0.001	0.003	0	0	1.67	2.24	3.77	4.13	3.64	3.6	0.98
1.5	0.73	0.32	0.12	0.03		0.001	0.003	0	0	1.49	2.4	3.77	4.11	3.64	3.59	0.98
1.5	0.74	0.32	0.12	0.03		0.001	0.003	0.001	0	1.95	2.23	3.76	4.08	3.61	3.57	0.98
1.5	0.74	0.32	0.12	0.03		0.002	0.003	0.001	0	2.3	2.24	3.75	4.04	3.64	3.59	0.98
1.5	0.74	0.33	0.12	0.03		0.002	0.003	0.001	0	2.02	2.3	3.76	4.04	3.63	3.58	0.98
1.5	0.74	0.33	0.13	0.04		0.002	0.003	0.001	0	1.77	2.56	3.76	4.06	3.62	3.59	0.98
1.5	0.75	0.33	0.13	0.04		0.002	0.003	0.001	0	1.49	2.62	3.76	4.06	3.62	3.6	0.98
1.5	0.75	0.33	0.13	0.04		0.002	0.004	0.001	0	1.44	2.38	3.74	4.04	3.6	3.58	0.98
1.5	0.75	0.34	0.13	0.04		0.001	0.004	0.001	0	1.47	2.15	3.75	4.06	3.63	3.58	0.98
1.5	0.76	0.34	0.13	0.04		0.001	0.004	0.001	0	1.76	2.4	3.74	4.02	3.63	3.57	0.98
1.51	0.76	0.34	0.13	0.04		0.001	0.004	0.001	0	1.87	2.61	3.74	4.01	3.62	3.57	0.98
1.51	0.77	0.35	0.14	0.04		0.001	0.004	0.001	0	1.75	2.5	3.74	3.95	3.61	3.56	0.98
1.52	0.78	0.35	0.14	0.04		0.001	0.004	0	0	1.92	2.3	3.73	3.9	3.61	3.58	0.97
1.53	0.79	0.36	0.14	0.04		0.001	0.005	0	0	1.39	2.28	3.75	3.94	3.61	3.59	0.97
1.54	0.8	0.36	0.14	0.04		0.001	0.005	-0.001	0	1.54	2.33	3.75	4.02	3.61	3.58	0.97
1.55	0.81	0.37	0.14	0.04		0.001	0.005	-0.001	0	1.81	2.34	3.75	4.01	3.65	3.6	0.97
1.56	0.82	0.37	0.14	0.04		0.001	0.005	-0.002	0	1.59	2.35	3.76	4.01	3.63	3.58	0.97
1.57	0.83	0.38	0.14	0.04		0.001	0.004	-0.002	0	1.48	1.98	3.76	3.98	3.62	3.6	0.97
1.59	0.84	0.38	0.14	0.04		0	0.004	-0.002	0	1.65	2.4	3.74	4.02	3.63	3.58	0.97
1.6	0.85	0.39	0.14	0.04		0	0.003	-0.001	0	1.78	2.54	3.74	4.01	3.62	3.59	0.97
1.62	0.86	0.39	0.14	0.04		0	0.003	0	0	1.98	2.33	3.75	3.94	3.63	3.57	0.97
1.63	0.87	0.4	0.14	0.04		0	0.002	0.001	0	2.12	2.28	3.74	3.9	3.59	3.56	0.97
1.64	0.88	0.4	0.14	0.03		0.001	0.002	0.001	0	1.91	2.07	3.75	3.91	3.6	3.54	0.97
1.65	0.88	0.4	0.14	0.03		0.001	0.001	0.002	0	1.46	2.2	3.74	3.95	3.6	3.57	0.97
1.66	0.89	0.4	0.14	0.03		0.001	0.001	0.002	0	1.92	2.53	3.74	4.02	3.62	3.57	0.97
1.66	0.89	0.4	0.14	0.03		0.001	0.001	0.002	0	2.11	2.38	3.74	3.98	3.63	3.59	0.97
1.67	0.89	0.4	0.14	0.03		0.002	0.001	0.002	0	2.05	2.44	3.75	4.05	3.6	3.59	0.98
1.66	0.89	0.4	0.14	0.03		0.002	0.001	0.002	0	1.89	2.32	3.76	4.03	3.61	3.6	0.98
1.66	0.89	0.4	0.14	0.03		0.002	0.001	0.002	0	1.97	2.43	3.75	3.98	3.59	3.61	0.98
1.66	0.89	0.4	0.13	0.03		0.002	0.001	0.002	0	2	2.28	3.75	3.9	3.6	3.61	0.98
1.65	0.88	0.39	0.13	0.03		0.002	0.001	0.002	0	2.13	2.1	3.73	3.84	3.62	3.54	0.98
1.65	0.88	0.39	0.13	0.03		0.002	0.001	0.002	0	2.16	2.31	3.75	3.79	3.62	3.56	0.98
1.64	0.87	0.38	0.13	0.03		0.002	0.001	0.002	0	1.76	2.56	3.75	3.86	3.62	3.55	0.98
1.63	0.86	0.37	0.13	0.03		0.001	0.001	0.001	0	2.12	2.37	3.74	3.94	3.62	3.58	0.97
1.63	0.85	0.36	0.12	0.03		0.001	0	0.001	0	1.73	2.33	3.74	4	3.62	3.56	0.97
1.62	0.83	0.36	0.12	0.03		0.001	0	0	0	1.94	2.3	3.74	4.03	3.62	3.58	0.97
1.6	0.82	0.35	0.12	0.03		0	0.001	0	0	1.65	2.39	3.76	4.02	3.6	3.59	0.97
1.59	0.81	0.34	0.12	0.03	0.009	0	0.001	0	0	1.68	2.41	3.76	3.98	3.62	3.58	0.97
1.58	0.79	0.33	0.11	0.03	0.009	0	0.002	0	0	1.49	2.01	3.75	4.02	3.64	3.58	0.97
1.56	0.78	0.32	0.11	0.03	0.01	0	0.002	0	0	1.67	2.21	3.74	3.99	3.62	3.57	0.97
1.54	0.76	0.31	0.11	0.03		0	0.002	0	0	1.83	2.42	3.74	3.94	3.61	3.57	0.97
1.53	0.74	0.3	0.1	0.03		0	0.002	0.001	0	1.98	2.43	3.75	3.9	3.6	3.57	0.97
1.51	0.73	0.29	0.1	0.03		0.001	0.002	0.001	0	1.78	2.41	3.74	3.92	3.61	3.56	0.97
1.49	0.71	0.28	0.1	0.03		0.001	0.001	0.001	0	1.64	2.46	3.75	3.97	3.6	3.58	0.98
1.46	0.69	0.28	0.09	0.03		0.001	0.001	0.002	0	1.65	2.26	3.76	4.04	3.61	3.58	0.98
1.43	0.67	0.27	0.09	0.03		0.001	0.001	0.002	0	1.83	2.14	3.77	4.09	3.63	3.6	0.98
1.4	0.66	0.26	0.09	0.03		0.001	0.002	0.001	0	1.36	2.31	3.78	4.09	3.62	3.59	0.98
1.37	0.64	0.26	0.09	0.03	0.009	0.001	0.002	0.001	0	1.67	2.38	3.76	4.05	3.62	3.57	0.98
1.33	0.62	0.25	0.1	0.04	0.01	0.002	0.003	0.001	0	2.07	2.13	3.76	3.97	3.6	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.29	0.61	0.25	0.1	0.04	0.01	0.004	0.005	0	0	2.01	2.18	3.74	3.87	3.62	3.56	0.98
1.25	0.59	0.25	0.1	0.04	0.01	0.005	0.006	-0.001	0	1.56	2.2	3.73	3.82	3.61	3.58	0.98
1.21	0.58	0.25	0.11	0.04	0.01	0.006	0.007	-0.002	0	1.29	2.45	3.73	3.8	3.62	3.56	0.98
1.17	0.57	0.25	0.11	0.05	0.01	0.007	0.009	-0.003	0	1.36	2.51	3.73	3.92	3.64	3.56	0.98
1.14	0.56	0.26	0.12	0.05	0.01	0.008	0.01	-0.003	0	1.77	2.36	3.75	3.98	3.64	3.59	0.98
1.1	0.55	0.26	0.12	0.05	0.02	0.01	0.01	-0.002	0	1.52	2.41	3.75	4.02	3.63	3.59	0.98
1.08	0.55	0.27	0.13	0.06	0.02	0.01	0.01	0	0	1.88	2.68	3.75	3.96	3.62	3.58	0.99
1.05	0.54	0.27	0.13	0.06	0.02	0.01	0.01	0.001	0	1.68	2.45	3.75	3.92	3.62	3.58	0.99
1.03	0.54	0.28	0.14	0.06	0.02	0.01	0.01	0.001	0	1.97	2.33	3.74	3.84	3.61	3.58	0.99
1.01	0.53	0.28	0.14	0.06	0.02	0.01	0.01	0	0	2.07	2.36	3.73	3.8	3.62	3.58	0.99
0.98	0.52	0.27	0.13	0.06	0.02	0.01	0.01	-0.001	0	1.96	2.33	3.73	3.86	3.63	3.57	0.99
0.96	0.51	0.27	0.13	0.05	0.02	0.01	0.01	-0.003	0	2.05	2.37	3.75	3.97	3.61	3.57	0.99
0.93	0.5	0.26	0.13	0.05	0.01	0.007	0.009	-0.006	0	2.05	2.17	3.76	4.05	3.61	3.59	0.99
0.91	0.49	0.26	0.12	0.05	0.01	0.006	0.007	-0.005	0	2.21	2.12	3.78	4.06	3.63	3.6	0.98
0.89	0.48	0.25	0.12	0.04	0.01	0.005	0.006	-0.003	0	1.98	2.39	3.76	4.04	3.65	3.59	0.98
0.87	0.47	0.25	0.12	0.04	0.01	0.004	0.006	-0.002	0	1.92	2.38	3.77	3.95	3.63	3.57	0.98
0.85	0.46	0.24	0.12	0.04	0.01	0.003	0.005	0	0	2	2.19	3.72	3.82	3.62	3.59	0.98
0.83	0.45	0.24	0.11	0.04	0.01	0.002	0.004	0.001	0	2.09	2.39	3.72	3.78	3.58	3.57	0.98
0.81	0.45	0.24	0.11	0.04	0.01	0.001	0.003	0.002	0	1.86	2.18	3.73	3.86	3.58	3.57	0.98
0.79	0.44	0.23	0.11	0.04	0.01	0.001	0.003	0.003	0	1.95	2.19	3.74	3.91	3.6	3.58	0.98
0.77	0.43	0.23	0.11	0.04	0.01	0	0.002	0.004	0	1.46	2.5	3.75	3.96	3.61	3.61	0.98
0.76	0.43	0.23	0.11	0.03		0	0.001	0.004	0	1.65	2.19	3.75	3.97	3.61	3.59	0.98
0.75	0.43	0.23	0.11	0.03		0	0.001	0.004	0	1.93	2.29	3.74	3.98	3.62	3.55	0.98
0.74	0.42	0.23	0.11	0.03		0	0	0.003	0	1.49	2.18	3.76	3.96	3.62	3.57	0.98
0.73	0.42	0.23	0.11	0.03			0	0.003	0	1.93	1.61	3.76	3.98	3.63	3.57	0.98
0.72	0.42	0.23	0.11	0.03			0	0.003	0	1.73	2.07	3.76	4.01	3.63	3.56	0.98
0.72	0.43	0.23	0.11	0.04			0	0.003	0	1.92	2.42	3.75	4.07	3.63	3.59	0.98
0.71	0.43	0.24	0.12	0.04	0.01	0	0	0.002	0	2.1	2.53	3.76	4.13	3.63	3.6	0.98
0.71	0.43	0.24	0.12	0.04	0.01	0	0	0.002	0	2.35	2.64	3.77	4.1	3.62	3.62	0.98
0.71	0.43	0.24	0.12	0.04	0.01	0	0.001	0.002	0	2.15	2.66	3.76	4.09	3.62	3.6	0.98
0.71	0.44	0.25	0.12	0.04	0.01	0	0.001	0.002	0	1.94	2.14	3.74	3.97	3.61	3.59	0.98
0.72	0.44	0.25	0.12	0.04	0.01	0	0.001	0.002	0	2.3	2.25	3.73	3.88	3.61	3.57	0.98
0.72	0.45	0.25	0.12	0.05	0.01	0	0.001	0.002	0	2.2	2.4	3.73	3.86	3.6	3.56	0.98
0.73	0.45	0.26	0.13	0.05	0.01	0.001	0.001	0.001	0	1.77	2.32	3.74	3.9	3.61	3.58	0.98
0.74	0.46	0.26	0.13	0.05	0.01	0.001	0.001	0.001	0	1.86	2.56	3.74	3.99	3.6	3.59	0.98
0.75	0.47	0.27	0.13	0.05	0.01	0.002	0.001	0.001	0	2.1	2.44	3.75	4.01	3.58	3.6	0.98
0.77	0.48	0.27	0.13	0.05	0.01	0.003	0.001	0	0	1.93	2.33	3.75	4.05	3.62	3.6	0.98
0.79	0.49	0.28	0.13	0.05	0.01	0.003	0.001	-0.001	0	1.79	2.11	3.74	4.04	3.63	3.61	0.98
0.24	0.1	0.04	0.01	0.01		0.003	0.002	0.001	0	1.73	2.42	3.75	4.04	3.62	3.63	0.99
0.24	0.11	0.04	0.02	0.01		0.003	0.003	0	0	1.7	2.55	3.75	4.01	3.62	3.61	0.98
0.24	0.11	0.05	0.02	0.01		0.003	0.003	0	0	1.75	2.38	3.74	3.97	3.61	3.63	0.98
0.23	0.11	0.05	0.02	0.01		0.003	0.004	0	0	1.82	2.5	3.75	3.96	3.63	3.58	0.98
0.23	0.11	0.05	0.02	0.01		0.003	0.004	0.001	0	2.08	2.5	3.74	4.02	3.62	3.6	0.98
0.23	0.11	0.05	0.02	0.01		0.003	0.004	0.001	0	1.71	2.55	3.75	4.06	3.61	3.61	0.98
0.23	0.11	0.05	0.02	0.01		0.003	0.005	0.001	0	1.96	2.62	3.76	4.15	3.61	3.65	0.98
0.22	0.11	0.05	0.02	0.01		0.003	0.005	0.001	0	2.11	2.58	3.78	4.2	3.62	3.65	0.97
0.22	0.1	0.04	0.01	0.008		0.003	0.004	0.002	0	2.05	2.52	3.77	4.13	3.63	3.63	0.97
0.22	0.1	0.04	0.01	0.006		0.003	0.004	0.002	0	1.82	2.43	3.77	4.15	3.62	3.64	0.97
0.21	0.1	0.04	0.01	0.005		0.003	0.004	0.002	0	1.75	2.37	3.76	4.09	3.62	3.61	0.96
0.21	0.09	0.04	0.01	0.003		0.003	0.003	0.002	0	2.09	2.3	3.75	4.05	3.63	3.58	0.96
0.21	0.09	0.03	0.01	0.002		0.003	0.003	0.002	0	2.01	2.31	3.74	4.01	3.6	3.55	0.96
0.21	0.09	0.03	0.01	0.002		0.003	0.003	0.002	0	1.91	2.4	3.74	4.05	3.61	3.59	0.96
0.21	0.09	0.03	0.009	0.001		0.002	0.003	0.002	0	2.16	2.33	3.75	4.14	3.61	3.6	0.96
0.21	0.09	0.03	0.007	0		0.002	0.003	0.003	0	1.84	2.38	3.76	4.18	3.62	3.63	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.21	0.09	0.03		0		0.002	0.003	0.003	0	1.96	2.55	3.77	4.19	3.62	3.64	0.96
0.22	0.09	0.03		0.001		0.002	0.003	0.003	0	2.05	2.49	3.78	4.19	3.62	3.63	0.96
0.22	0.09	0.03		0.001		0.002	0.003	0.003	0	2.1	2.29	3.8	4.16	3.63	3.62	0.97
0.22	0.09	0.03		0.002		0.002	0.002	0.002	0	1.56	2.23	3.77	4.12	3.64	3.6	0.97
0.22	0.09	0.03		0.002		0.002	0.003	0.002	0	1.78	2.4	3.78	4.12	3.63	3.6	0.97
0.22	0.09	0.03		0.001		0.002	0.003	0.001	0	1.85	2.51	3.78	4.16	3.64	3.59	0.97
0.22	0.09	0.03	0.01	0.001		0.002	0.003	0.001	0	2.11	2.5	3.79	4.18	3.63	3.6	0.97
0.22	0.09	0.03	0.01	0.002		0.002	0.003	0	0	1.73	2.37	3.78	4.13	3.61	3.58	0.98
0.23	0.09	0.03	0.01			0.002	0.004	0	0	1.95	2.31	3.76	4.13	3.62	3.59	0.98
0.23	0.09	0.03	0.01			0.002	0.004	0	0	1.88	2.34	3.77	4.07	3.64	3.61	0.98
0.23	0.09	0.03	0.01			0.002	0.004	0	0	1.76	2.29	3.75	4.06	3.63	3.61	0.98
0.24	0.09	0.03	0.01			0.003	0.004	0	0	1.27	2.22	3.74	3.99	3.62	3.57	0.98
0.24	0.09	0.03	0.01			0.003	0.004	0	0	2.13	2.33	3.74	3.96	3.64	3.6	0.98
0.24	0.09	0.03	0.01			0.003	0.004	0	0	2.18	2.49	3.75	3.96	3.62	3.58	0.98
0.25	0.09	0.03	0.01			0.004	0.004	0	0	1.5	2.35	3.76	4.08	3.63	3.58	0.98
0.25	0.1	0.03	0.01			0.005	0.004	0	0	2.1	2.26	3.77	4.16	3.62	3.61	0.98
0.25	0.1	0.03	0.01			0.005	0.004	0	0	2.21	2.45	3.79	4.17	3.63	3.61	0.99
0.26	0.1	0.03	0.01			0.006	0.004	0	0	2.11	2.41	3.78	4.19	3.63	3.6	0.99
0.27	0.1	0.03	0.01			0.005	0.003	0	0	1.72	2.23	3.77	4.17	3.64	3.6	0.99
0.27	0.1	0.03	0.01			0.005	0.003	0	0	1.54	2.26	3.75	4.07	3.64	3.61	0.99
0.28	0.1	0.03	0.01			0.005	0.003	0	0	2.23	2.29	3.74	3.95	3.61	3.57	0.99
0.29	0.11	0.03	0.01			0.004	0.003	-0.001	0	2.27	2.33	3.74	3.91	3.61	3.56	0.99
0.3	0.11	0.04	0.01			0.003	0.003	-0.001	0	1.96	2.45	3.76	3.97	3.63	3.59	0.99
0.31	0.12	0.04	0.01	0.01		0.002	0.003	-0.001	0	2.15	2.38	3.76	4.09	3.64	3.59	0.99
0.32	0.12	0.04	0.01	0.01		0.002	0.003	-0.001	0	2.18	2.23	3.76	4.14	3.64	3.6	0.99
0.33	0.13	0.04	0.01	0.01		0.002	0.003	0	0	2.03	2.34	3.78	4.15	3.62	3.6	1
0.34	0.13	0.05	0.01	0.01		0.002	0.002	0	0	2.01	2.47	3.79	4.08	3.63	3.61	1
0.34	0.13	0.05	0.01	0.01		0.002	0.002	0	0	1.97	2.44	3.77	4.04	3.64	3.57	1
0.35	0.13	0.05	0.01	0.01		0.002	0.002	0.001	0	1.96	2.43	3.76	3.94	3.63	3.57	1
0.36	0.13	0.05	0.02	0.01		0.002	0.002	0.001	0	2.28	2.45	3.75	3.9	3.63	3.59	1
0.37	0.14	0.05	0.02	0.01		0.002	0.002	0.001	0	1.92	2.46	3.75	3.95	3.63	3.6	1
0.38	0.14	0.05	0.02	0.009		0.002	0.002	0.001	0	1.78	2.36	3.75	4	3.64	3.58	1
0.39	0.14	0.05	0.02	0.009		0.002	0.002	0.002	0	2.13	2.28	3.76	4.01	3.64	3.58	1
0.4	0.14	0.05	0.02	0.007		0.002	0.002	0.002	0	1.77	2.3	3.76	4.05	3.64	3.58	0.99
0.41	0.15	0.05	0.02	0.006		0.002	0.002	0.002	0	1.91	2.42	3.76	4.03	3.61	3.58	0.99
0.42	0.15	0.05	0.02	0.005		0.002	0.002	0.002	0	1.96	2.44	3.75	3.99	3.6	3.58	0.99
0.43	0.16	0.05	0.02	0.005		0.001	0.002	0.002	0	1.77	2.42	3.75	3.94	3.62	3.57	0.99
0.44	0.16	0.05	0.02			0.001	0.002	0.002	0	2.24	2.5	3.73	3.88	3.61	3.57	0.99
0.46	0.17	0.05	0.02			0.001	0.002	0.002	0	2.22	2.54	3.73	3.87	3.62	3.56	0.99
0.47	0.17	0.06	0.02			0.001	0.002	0.001	0	1.74	2.48	3.73	3.9	3.6	3.56	0.99
0.49	0.18	0.06	0.02			0.001	0.002	0.001	0	2.04	2.51	3.75	3.98	3.62	3.57	0.99
0.51	0.18	0.06	0.02			0.002	0.003	0	0	2.15	2.37	3.76	4.03	3.61	3.6	0.99
0.52	0.19	0.06	0.02			0.002	0.003	0	0	1.66	2.37	3.75	4.05	3.61	3.6	0.99
0.54	0.19	0.06	0.01			0.003	0.003	0	0	1.51	2.21	3.75	4.01	3.62	3.58	0.99
0.55	0.2	0.06	0.01			0.004	0.003	0.001	0	1.99	2.14	3.73	4	3.63	3.55	0.98
0.56	0.2	0.06	0.01			0.004	0.003	0.001	0	2.14	2.24	3.74	4.03	3.59	3.57	0.98
0.57	0.2	0.06	0.01			0.005	0.003	0.001	0	2.17	2.19	3.75	4.14	3.6	3.59	0.98
0.58	0.21	0.06	0.01			0.005	0.002	0.001	0	1.97	2.27	3.76	4.19	3.6	3.62	0.98
0.59	0.21	0.06	0.01			0.005	0.002	0.002	0	2.18	2.43	3.77	4.21	3.63	3.62	0.98
0.59	0.21	0.06	0.01			0.004	0.002	0.002	0	2.04	2.41	3.76	4.16	3.63	3.61	0.98
0.6	0.21	0.06	0.01			0.004	0.002	0.001	0	1.72	2.5	3.74	4.07	3.63	3.58	0.98
0.6	0.22	0.06	0.01			0.004	0.002	0.001	0	1.57	2.41	3.74	3.97	3.61	3.59	0.98
0.6	0.22	0.06	0.01			0.004	0.002	0.001	0	2.19	2.26	3.75	3.9	3.62	3.57	0.98
0.6	0.22	0.07	0.01			0.004	0.002	0.001	0	2.07	2.25	3.75	3.93	3.63	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.61	0.23	0.07	0.01			0.003	0.002	0	0	1.96	2.31	3.74	4.08	3.62	3.58	0.98
0.61	0.23	0.07	0.02	0.002		0.003	0.002	0	0	2.21	2.2	3.75	4.1	3.61	3.55	0.98
0.61	0.23	0.08	0.02	0.002		0.003	0.002	0	0	1.8	2.52	3.77	4.18	3.61	3.62	0.98
0.62	0.24	0.08	0.02	0.002		0.002	0.002	0	0	2.07	2.63	3.77	4.15	3.6	3.6	0.98
0.62	0.24	0.08	0.02	0.002		0.002	0.002	0	0	2.34	2.38	3.75	4.14	3.62	3.62	0.99
0.63	0.24	0.08	0.02	0.002		0.002	0.002	0	0	1.75	2.33	3.76	4.1	3.61	3.59	0.99
0.63	0.25	0.08	0.02	0.003		0.002	0.002	0.001	0	1.77	2.34	3.75	4	3.61	3.59	0.99
0.64	0.25	0.08	0.02	0.003		0.002	0.002	0.001	0	2.11	2.33	3.74	3.94	3.6	3.56	0.99
0.65	0.25	0.08	0.02	0.004		0.002	0.002	0.001	0	1.84	2.36	3.75	3.93	3.61	3.55	0.99
0.66	0.26	0.08	0.02	0.005		0.002	0.002	0.002	0	1.88	2.42	3.75	4.04	3.62	3.57	1
0.67	0.26	0.08	0.02	0.005		0.003	0.002	0.002	0	2	2.27	3.76	4.08	3.61	3.57	1
0.68	0.27	0.09	0.02			0.003	0.002	0.003	0	1.84	2.23	3.77	4.11	3.61	3.6	1
0.69	0.27	0.09	0.02			0.003	0.002	0.003	0	1.96	2.37	3.75	4.08	3.61	3.59	1
0.7	0.27	0.09	0.02			0.004	0.001	0.003	0	1.66	2.29	3.75	4.01	3.62	3.57	1
0.7	0.27	0.09	0.02			0.004	0.001	0.004	0	1.69	2.01	3.73	3.94	3.61	3.58	1
0.7	0.27	0.09	0.02			0.004	0.001	0.004	0	1.93	2.24	3.73	3.87	3.61	3.57	1
0.71	0.27	0.09	0.02			0.004	0.001	0.004	0	2.04	2.4	3.74	3.86	3.62	3.57	1
0.71	0.27	0.08	0.02			0.005	0.001	0.004	0	1.57	2.48	3.74	3.93	3.62	3.57	1
0.71	0.27	0.08	0.02			0.005	0.001	0.004	0	2.1	2.3	3.75	4.01	3.63	3.6	1
0.7	0.27	0.08	0.02			0.005	0.001	0.004	0	2.13	2.14	3.77	4.09	3.62	3.58	1
0.7	0.26	0.08	0.02			0.005	0.001	0.003	0	1.91	2.29	3.76	4.09	3.63	3.57	1
0.69	0.26	0.08	0.02			0.005	0.001	0.003	0	1.7	2.47	3.76	4.03	3.62	3.59	1
0.68	0.26	0.08	0.02			0.004	0.001	0.002	0	1.62	2.37	3.74	4	3.63	3.57	1
0.67	0.25	0.08	0.02			0.004	0	0.002	0	1.68	2.19	3.74	3.94	3.62	3.57	1
0.66	0.25	0.08	0.02			0.003	0	0.002	0	1.96	2.22	3.73	3.88	3.63	3.6	1
0.64	0.24	0.08	0.02			0.003	0	0.002	0	1.87	2.39	3.73	3.86	3.64	3.6	1
0.63	0.24	0.08	0.02			0.003	0	0.001	0	1.65	2.54	3.75	3.88	3.63	3.57	1
0.61	0.23	0.07	0.02			0.002	0	0.001	0	1.69	2.51	3.76	3.89	3.62	3.56	1
0.59	0.23	0.07	0.02	0.003			0	0.001	0	1.94	2.48	3.75	3.92	3.63	3.59	1
0.57	0.22	0.07	0.02	0.004			0	0.001	0	1.93	2.4	3.73	3.92	3.6	3.58	1
0.56	0.21	0.07	0.02	0.004			0	0.001	0	1.96	2.42	3.73	3.88	3.6	3.56	1
0.54	0.21	0.07	0.02	0.005			0	0.001	0	1.99	2.6	3.74	3.84	3.62	3.58	1
0.52	0.2	0.07	0.02	0.006		0.001	0	0.001	0	1.92	2.6	3.73	3.79	3.62	3.58	1
0.51	0.2	0.07	0.02	0.007		0.001	0	0.001	0	1.85	2.42	3.75	3.82	3.62	3.59	1
0.5	0.2	0.07	0.02	0.008		0.001	0	0.001	0	1.9	2.24	3.75	3.84	3.61	3.56	1
0.49	0.19	0.07	0.02	0.008		0.001	0	0.001	0	2.43	2.27	3.75	3.89	3.6	3.58	1
0.48	0.19	0.07	0.02	0.008		0.001	0	0.001	0	2.24	2.33	3.76	3.94	3.64	3.6	1
0.47	0.19	0.07	0.02	0.008		0.001	0	0.001	0	1.49	2.49	3.75	3.97	3.63	3.57	1
0.47	0.19	0.07	0.02	0.008		0.002	0	0.002	0	1.57	2.47	3.76	3.94	3.63	3.57	1
0.46	0.18	0.07	0.02	0.008		0.002	0.001	0.002	0	1.7	1.92	3.76	3.91	3.63	3.58	1
0.46	0.18	0.07	0.02	0.008		0.002	0.001	0.002	0	1.82	1.99	3.75	3.92	3.64	3.61	1
0.45	0.18	0.07	0.02	0.008		0.001	0.001	0.003	0	1.65	2.08	3.76	3.96	3.63	3.57	1
0.45	0.18	0.07	0.02			0.001	0.001	0.003	0	1.91	1.81	3.76	4.01	3.64	3.59	1
0.45	0.18	0.07	0.02			0.001	0.002	0.003	0	2.12	2.41	3.77	4.06	3.63	3.59	1
0.44	0.17	0.07	0.02			0.001	0.002	0.002	0	1.62	2.54	3.75	4.06	3.62	3.6	1
0.43	0.17	0.07	0.02	0.01		0.001	0.002	0.002	0	1.53	2.5	3.74	4.01	3.61	3.61	1
0.43	0.17	0.07	0.02	0.01		0	0.002	0.001	0	2.06	2.42	3.75	3.93	3.61	3.58	1
0.42	0.17	0.07	0.02	0.01		0	0.002	0.001	0	2.11	2.36	3.73	3.94	3.6	3.59	1
0.42	0.17	0.07	0.02	0.01		0.001	0.002	0	0	1.85	2.33	3.75	3.96	3.63	3.57	1
0.41	0.17	0.07	0.02	0.01		0.001	0.002	0	0	2.06	2.31	3.77	4.05	3.62	3.58	1
0.4	0.16	0.07	0.02	0.01		0.001	0.002	0	0	2.09	2.31	3.77	4.11	3.62	3.6	1
0.39	0.16	0.07	0.02	0.01		0.001	0.002	0	0	1.96	2.21	3.76	4.1	3.63	3.58	1
0.39	0.16	0.07	0.02	0.01		0.001	0.002	-0.001	0	2.13	2.01	3.77	4.11	3.63	3.6	1
0.38	0.16	0.07	0.03	0.01		0.001	0.002	-0.001	0	2.07	2.08	3.78	4.1	3.63	3.61	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.37	0.16	0.07	0.03	0.01		0.001	0.002	-0.001	0	1.89	2.23	3.77	4.05	3.61	3.58	1
0.36	0.16	0.07	0.03	0.01		0.001	0.002	-0.001	0	1.92	2.23	3.75	3.96	3.6	3.61	1
0.35	0.15	0.07	0.03	0.01		0.001	0.002	-0.001	0	2.09	2.25	3.74	4	3.59	3.59	0.99
0.34	0.15	0.07	0.03	0.01		0.001	0.002	0	0	1.87	2.12	3.74	4.04	3.61	3.59	0.99
0.33	0.15	0.07	0.03	0.01		0.001	0.002	0	0	1.81	2.37	3.75	4.09	3.61	3.59	0.99
0.32	0.14	0.06	0.02	0.01		0.001	0.002	0	0	2.17	2.44	3.77	4.15	3.61	3.63	0.99
0.31	0.14	0.06	0.02	0.01		0.002	0.001	0.001	0	1.98	2.42	3.77	4.16	3.61	3.62	0.99
0.3	0.13	0.06	0.02	0.01		0.002	0.001	0.001	0	1.91	2.41	3.77	4.17	3.61	3.6	0.99
0.3	0.13	0.06	0.02	0.01		0.002	0.001	0.001	0	2.06	2.33	3.77	4.14	3.62	3.58	0.99
0.29	0.13	0.06	0.02	0.01		0.002	0.001	0.001	0	1.84	2.24	3.77	4.11	3.63	3.59	0.99
0.28	0.12	0.06	0.02	0.01		0.002	0.001	0.002	0	2.03	2.21	3.77	4.1	3.62	3.62	0.99
0.27	0.12	0.05	0.02	0.01		0.002	0.001	0.002	0	2.13	2.39	3.75	4.09	3.61	3.61	0.99
0.27	0.12	0.05	0.02	0.01		0.002	0.001	0.002	0	1.58	2.34	3.74	4.05	3.64	3.59	0.99
0.26	0.12	0.05	0.02	0.01		0.002	0.001	0.002	0	1.91	2.32	3.74	3.98	3.63	3.59	0.99
0.25	0.12	0.05	0.02			0.002	0.001	0.002	0	1.89	2.21	3.74	3.9	3.62	3.58	0.99
0.25	0.12	0.05	0.02			0.002	0.001	0.003	0	2.04	2.22	3.75	3.94	3.62	3.57	0.99
0.24	0.12	0.05	0.02			0.002	0.002	0.003	0	1.93	2.36	3.75	3.98	3.63	3.58	0.99
0.24	0.11	0.06	0.02			0.002	0.002	0.003	0	2.17	2.49	3.78	4.1	3.62	3.59	1
0.24	0.11	0.06	0.03			0.002	0.002	0.003	0	2.18	2.51	3.77	4.13	3.61	3.6	1
0.24	0.11	0.06	0.03	0.01		0.002	0.002	0.003	0	1.91	2.31	3.77	4.13	3.62	3.6	1
0.23	0.11	0.06	0.03	0.01		0.002	0.002	0.002	0	1.86	2.42	3.76	4.1	3.62	3.59	1
0.23	0.11	0.06	0.02	0.01		0.002	0.002	0.002	0	2.19	2.44	3.76	4.03	3.63	3.58	1
0.23	0.11	0.06	0.02	0.01		0.002	0.002	0.002	0	2.2	2.46	3.74	3.97	3.61	3.58	1
0.23	0.11	0.05	0.02	0.01		0.002	0.002	0.001	0	1.96	2.24	3.74	3.92	3.6	3.58	1
0.22	0.11	0.05	0.02	0.01		0.002	0.002	0.001	0	1.73	2.3	3.75	3.89	3.62	3.6	1
0.22	0.11	0.05	0.02	0.01		0.002	0.002	0.001	0	1.8	2.28	3.75	3.91	3.61	3.57	0.99
0.22	0.11	0.05	0.02	0.01		0.002	0.003	0.001	0	1.87	2.35	3.75	3.93	3.61	3.57	0.99
0.22	0.11	0.05	0.03	0.01		0.002	0.003	0.001	0	1.96	2.41	3.75	3.94	3.63	3.6	0.99
0.22	0.11	0.05	0.03	0.01		0.002	0.002	0.001	0	1.59	2.24	3.76	3.92	3.63	3.59	0.99
0.22	0.11	0.06	0.03	0.01		0.002	0.002	0.001	0	1.56	1.6	3.75	3.86	3.62	3.62	0.99
0.22	0.11	0.06	0.03	0.01		0.002	0.002	0.001	0	1.59	2.19	3.74	3.8	3.62	3.6	0.99
0.21	0.11	0.06	0.03	0.01		0.003	0.002	0.001	0	1.66	2.46	3.76	3.79	3.63	3.6	0.99
0.21	0.11	0.06	0.03	0.01		0.003	0.002	0.002	0	2.08	2.44	3.74	3.78	3.62	3.58	0.99
0.21	0.11	0.06	0.03	0.01		0.003	0.002	0.003	0	2.29	2.18	3.73	3.8	3.62	3.57	0.99
0.21	0.11	0.05	0.02	0.01		0.004	0.001	0.003	0	2.23	2.43	3.74	3.79	3.61	3.59	1
0.21	0.11	0.05	0.02	0.01		0.004	0.001	0.004	0	1.79	2.23	3.76	3.86	3.63	3.58	1
0.21	0.1	0.05	0.02	0.01		0.004	0.001	0.004	0	2.22	0.91	3.76	3.92	3.64	3.6	1
0.2	0.1	0.05	0.02	0.01		0.004	0.001	0.004	0	2.08	2.23	3.77	3.95	3.65	3.61	1
0.2	0.1	0.05	0.02	0.01		0.004	0	0.005	0	1.69	2.4	3.76	3.92	3.61	3.59	1
0.2	0.1	0.05	0.02	0.01		0.004	0	0.005	0	1.81	2.24	3.75	3.92	3.62	3.6	1
0.2	0.1	0.04	0.02	0.01			0	0.005	0	1.76	2.29	3.76	3.91	3.63	3.59	1
0.19	0.1	0.05	0.02	0.01			0	0.005	0	2.02	2.31	3.76	3.88	3.62	3.59	1
0.19	0.1	0.05	0.02	0.01			0.001	0.006	0	1.91	2.39	3.76	3.83	3.62	3.57	1
0.19	0.1	0.05	0.02	0.01			0.001	0.006	0	2.02	2.51	3.75	3.78	3.62	3.57	1
0.19	0.1	0.05	0.02	0.01			0.001	0.005	0	2.32	2.32	3.75	3.75	3.62	3.6	1
0.19	0.1	0.05	0.02	0.01			0.002	0.005	0	2.19	2.25	3.75	3.77	3.63	3.59	1
0.19	0.1	0.05	0.02	0.01			0.002	0.005	0	1.82	2.3	3.76	3.9	3.62	3.6	1
0.19	0.1	0.05	0.02	0.01			0.002	0.005	0	2.31	2.22	3.77	4.03	3.63	3.6	1
0.2	0.1	0.06	0.02	0.01			0.002	0.004	0	2.36	2.29	3.77	4.03	3.65	3.59	1
0.2	0.11	0.06	0.02	0.01			0.002	0.004	0	2.16	2.35	3.75	4	3.64	3.58	1
0.2	0.11	0.06	0.03	0.01			0.002	0.004	0	1.74	2.4	3.74	3.97	3.62	3.59	1
0.2	0.11	0.06	0.03	0.01			0.002	0.004	0	1.67	2.35	3.75	3.98	3.62	3.57	0.99
0.2	0.11	0.06	0.03	0.01			0.002	0.004	0	1.75	2.15	3.75	3.99	3.62	3.57	0.99
0.21	0.11	0.06	0.03	0.01			0.001	0.004	0	1.82	2.11	3.75	4.04	3.61	3.6	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.21	0.11	0.06	0.03	0.02			0.001	0.004	0	1.68	2.28	3.74	4.09	3.6	3.61	0.99
0.22	0.12	0.06	0.03	0.02			0.001	0.005	0	1.95	2.33	3.73	4.05	3.59	3.6	0.99
0.22	0.12	0.06	0.03	0.02			0	0.005	0	1.66	2.44	3.75	4.07	3.61	3.6	0.99
0.22	0.12	0.06	0.03	0.02		0.001	0	0.005	0	1.87	2.45	3.76	4.1	3.63	3.59	0.99
0.23	0.12	0.07	0.04	0.02		0	0	0.005	0	1.85	2.36	3.76	4.09	3.64	3.59	0.99
0.23	0.12	0.07	0.04	0.02		0	0.001	0.005	0	2.12	2.53	3.75	4.09	3.62	3.58	0.99
0.23	0.12	0.07	0.04	0.02		0	0.001	0.004	0	2.27	2.39	3.75	4.03	3.61	3.57	0.99
0.24	0.13	0.07	0.04	0.03		0	0.002	0.004	0	2.04	2.23	3.76	3.97	3.61	3.61	0.99
0.24	0.13	0.07	0.04	0.03		0.001	0.002	0.004	0	2.01	2.35	3.74	3.84	3.59	3.59	0.99
0.25	0.13	0.07	0.04	0.03		0.001	0.002	0.003	0	2.34	2.48	3.73	3.81	3.59	3.57	0.99
0.25	0.14	0.08	0.04	0.03		0.001	0.002	0.003	0	2.24	2.55	3.75	3.83	3.62	3.59	0.99
0.26	0.14	0.08	0.04	0.03		0.002	0.002	0.003	0	1.82	2.5	3.75	3.86	3.64	3.58	0.99
0.26	0.14	0.08	0.04	0.03		0.002	0.002	0.002	0	1.7	2.32	3.74	3.89	3.62	3.58	0.99
0.27	0.15	0.08	0.04	0.03		0.002	0.002	0.002	0	1.76	2.27	3.76	3.95	3.61	3.58	0.99
0.27	0.15	0.08	0.04	0.03		0.002	0.002	0.002	0	2.11	1.77	3.76	4.02	3.63	3.59	0.99
0.28	0.15	0.08	0.04	0.03		0.001	0.002	0.001	0	2.23	2.06	3.77	4.08	3.61	3.58	0.99
0.28	0.15	0.08	0.04	0.03		0.001	0.002	0.001	0	1.92	2.42	3.74	4.1	3.62	3.59	0.99
0.28	0.15	0.08	0.04	0.02		0	0.002	0	0	1.78	2.38	3.75	4.08	3.6	3.58	0.99
0.29	0.16	0.08	0.04	0.02	0.01	0.001	0.002	0	0	1.54	2.28	3.75	4.04	3.6	3.61	0.99
0.29	0.16	0.08	0.04	0.02	0.009	0.001	0.002	0	0	2.15	2.45	3.75	3.98	3.6	3.59	0.99
0.29	0.16	0.08	0.04	0.02	0.009	0.001	0.002	0	0	1.84	2.44	3.73	3.92	3.6	3.56	0.99
0.29	0.16	0.08	0.04	0.02	0.009	0.001	0.001	0	0	2.18	2.39	3.72	3.89	3.6	3.59	0.99
0.29	0.16	0.08	0.04	0.02	0.01	0.001	0.001	0	0	2.13	2.22	3.73	3.93	3.62	3.56	0.99
0.29	0.16	0.08	0.04	0.02	0.01	0.001	0.002	0	0	1.73	1.95	3.74	4.01	3.62	3.58	1
0.3	0.16	0.08	0.04	0.02	0.01	0	0.002	0	0	2.14	1.93	3.77	4.13	3.64	3.6	1
0.3	0.16	0.08	0.04	0.02		0.001	0.002	0	0	2.24	2.29	3.8	4.18	3.63	3.62	1
0.3	0.16	0.08	0.04	0.02		0.001	0.002	0	0	2.29	2.51	3.78	4.18	3.64	3.61	1
0.3	0.16	0.08	0.04	0.02		0.002	0.003	0	0	2.24	2.37	3.77	4.1	3.64	3.59	1
0.3	0.16	0.08	0.04	0.02		0.003	0.003	0	0	1.65	2.5	3.75	3.99	3.62	3.59	1
0.3	0.16	0.08	0.04	0.02		0.003	0.003	0.001	0	2.28	2.34	3.73	3.87	3.6	3.58	0.99
0.3	0.16	0.08	0.04	0.02		0.003	0.003	0.001	0	2.44	2.19	3.72	3.86	3.61	3.6	0.99
0.3	0.16	0.08	0.04	0.02		0.004	0.002	0.001	0	2.3	2.34	3.74	3.86	3.63	3.61	0.99
0.3	0.16	0.08	0.04	0.02		0.004	0.002	0.001	0	1.79	2.33	3.74	3.94	3.63	3.58	0.98
0.3	0.16	0.08	0.04	0.02		0.004	0.002	0.002	0	2.32	2.33	3.75	4.07	3.61	3.58	0.98
0.3	0.16	0.08	0.04	0.02		0.004	0.002	0.002	0	2.08	2.53	3.78	4.12	3.61	3.59	0.98
0.3	0.16	0.08	0.04	0.02		0.004	0.002	0.002	0	1.85	2.52	3.76	4.16	3.6	3.62	0.98
0.3	0.16	0.08	0.04	0.01		0.004	0.002	0.003	0	1.8	2.21	3.76	4.12	3.62	3.63	0.97
0.3	0.16	0.08	0.04	0.01		0.004	0.002	0.003	0	2.38	2.24	3.76	4.1	3.64	3.59	0.97
0.3	0.16	0.08	0.04	0.01		0.004	0.002	0.003	0	2.39	2.41	3.75	3.97	3.6	3.57	0.97
0.31	0.17	0.08	0.04	0.01		0.004	0.002	0.003	0	2.15	2.47	3.74	3.83	3.6	3.61	0.97
0.31	0.17	0.09	0.04	0.01		0.003	0.002	0.003	0	2.66	2.22	3.73	3.83	3.62	3.59	0.97
0.31	0.17	0.09	0.04	0.02		0.003	0.002	0.002	0	2.6	2.32	3.73	3.83	3.63	3.59	0.97
0.31	0.17	0.09	0.04	0.02		0.003	0.002	0.002	0	1.57	2.32	3.73	3.82	3.62	3.59	0.97
0.31	0.17	0.09	0.05	0.02		0.003	0.003	0.001	0	2.52	2.37	3.75	3.98	3.63	3.57	0.97
0.32	0.18	0.09	0.05	0.02		0.003	0.003	0.001	0	2.45	2.41	3.76	4.16	3.62	3.63	0.98
0.32	0.18	0.09	0.05	0.02		0.003	0.003	0	0	1.91	2.38	3.77	4.22	3.63	3.62	0.98
0.33	0.18	0.1	0.05	0.02		0.003	0.003	0	0	1.97	2.5	3.75	4.17	3.61	3.61	0.98
0.33	0.18	0.1	0.05	0.02		0.003	0.003	0	0	1.86	2.47	3.74	4.1	3.59	3.6	0.98
0.34	0.19	0.1	0.05	0.02		0.003	0.003	-0.001	0	2.32	2.5	3.74	4.05	3.59	3.58	0.98
0.34	0.19	0.1	0.05	0.02		0.002	0.003	-0.001	0	2.29	2.45	3.74	3.97	3.62	3.58	0.98
0.35	0.19	0.1	0.04	0.02		0.002	0.002	-0.001	0	2.07	1.75	3.73	3.98	3.6	3.58	0.99
0.35	0.2	0.1	0.04	0.02		0.001	0.002	-0.001	0	1.97	2.08	3.75	3.97	3.6	3.58	0.99
0.36	0.2	0.1	0.04	0.02		0	0.003	-0.001	0	1.48	2.41	3.76	3.93	3.6	3.57	0.99
0.37	0.2	0.1	0.04	0.02	0.01	0.001	0.004	0	0	1.48	2.31	3.74	3.94	3.61	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.38	0.2	0.11	0.05	0.02	0.01	0.003	0.005	0.001	0	1.79	2.23	3.74	3.94	3.62	3.57	1
0.38	0.21	0.11	0.05	0.02	0.01	0.004	0.006	0.001	0	1.81	2.45	3.73	3.95	3.61	3.56	1
0.39	0.21	0.11	0.05	0.02	0.01	0.004	0.006	0.001	0	1.75	2.51	3.76	4.03	3.61	3.57	1
0.39	0.21	0.11	0.05	0.03	0.01	0.005	0.007	0.001	0	2.12	2.32	3.77	4.06	3.63	3.58	1.01
0.4	0.21	0.11	0.05	0.03	0.01	0.005	0.006	0.001	0	1.89	2.33	3.76	4.07	3.62	3.6	1.01
0.4	0.21	0.11	0.05	0.03	0.01	0.004	0.006	0.001	0	2.32	2.36	3.75	4.02	3.6	3.59	1.01
0.4	0.21	0.11	0.05	0.03	0.01	0.004	0.006	0	0	1.86	2.44	3.75	3.92	3.61	3.59	1.01
0.41	0.21	0.11	0.05	0.03	0.01	0.003	0.005	0	0	1.88	2.47	3.73	3.86	3.62	3.59	1.01
0.41	0.22	0.11	0.05	0.03	0.01	0.003	0.005	0	0	2.03	2.49	3.75	3.85	3.62	3.58	1.01
0.41	0.22	0.11	0.05	0.03	0.01	0.003	0.005	0	0	1.88	2.55	3.75	3.89	3.62	3.57	1.01
0.41	0.22	0.11	0.05	0.03	0.01	0.003	0.004	0	0	2.22	2.36	3.74	3.95	3.62	3.58	1.01
0.41	0.22	0.11	0.05	0.03	0.01	0.003	0.004	0	0	1.77	2.05	3.76	4.01	3.63	3.6	1.02
0.41	0.22	0.11	0.05	0.03	0.01	0.004	0.004	0	0	1.87	2.13	3.77	4.06	3.62	3.63	1.02
0.4	0.21	0.11	0.06	0.03	0.01	0.004	0.004	0	0	1.75	2.22	3.75	4.06	3.63	3.63	1.02
0.4	0.21	0.11	0.06	0.03	0.01	0.004	0.004	0	0	2.01	2.29	3.74	3.91	3.64	3.6	1.02
0.39	0.21	0.11	0.06	0.02	0.01	0.003	0.004	-0.001	0	1.83	2.43	3.73	3.78	3.61	3.58	1.02
0.39	0.21	0.11	0.06	0.02	0.01	0.002	0.003	-0.001	0	2.37	2.39	3.73	3.69	3.63	3.56	1.02
0.38	0.2	0.1	0.06	0.02	0.01	0.001	0.003	-0.001	0	2.08	2.21	3.74	3.7	3.64	3.58	1.02
0.38	0.2	0.1	0.05	0.02		0.001	0.002	-0.001	0	1.67	2.22	3.75	3.74	3.63	3.59	1.01
0.37	0.2	0.1	0.05	0.02		0.002	0.002	0	0	1.98	2.25	3.76	3.82	3.61	3.57	1.01
0.37	0.2	0.1	0.05	0.02		0.003	0.002	0.001	0	1.92	2.33	3.77	3.91	3.62	3.59	1.01
0.38	0.2	0.11	0.05	0.02		0.004	0.001	0.002	0	1.98	2.3	3.76	3.95	3.62	3.6	1.01
0.38	0.2	0.11	0.05	0.02		0.004	0.002	0.003	0	1.9	2.43	3.76	3.94	3.61	3.57	1.01
0.39	0.21	0.11	0.05	0.02		0.004	0.002	0.003	0	1.81	2.4	3.75	3.9	3.63	3.59	1.01
0.4	0.21	0.11	0.05	0.02		0.004	0.002	0.003	0	2.13	2.45	3.75	3.84	3.63	3.59	1
0.41	0.22	0.12	0.05	0.02		0.003	0.002	0.003	0	1.94	2.39	3.74	3.83	3.61	3.56	1
0.42	0.23	0.12	0.05	0.02		0.003	0.002	0.003	0	1.72	2.42	3.73	3.92	3.63	3.59	1
0.44	0.23	0.12	0.06	0.02		0.003	0.002	0.003	0	1.61	2.41	3.76	4.02	3.63	3.58	0.99
0.46	0.24	0.13	0.06	0.02		0.003	0.002	0.002	0	1.64	2.15	3.76	4.09	3.61	3.6	0.99
0.48	0.25	0.13	0.06	0.02		0.002	0.002	0.003	0	2.14	2.31	3.76	4.11	3.61	3.63	0.99
0.5	0.26	0.14	0.06	0.02		0.002	0.002	0.003	0	2.07	2.42	3.76	4.12	3.61	3.62	0.99
0.52	0.27	0.14	0.06	0.02		0.002	0.002	0.003	0	1.84	2.41	3.76	4.11	3.61	3.61	0.98
0.54	0.28	0.14	0.06	0.02		0.002	0.002	0.004	0	1.76	2.11	3.76	4.11	3.61	3.59	0.98
0.56	0.29	0.15	0.06	0.02		0.002	0.002	0.005	0	2.04	2.48	3.76	4.08	3.61	3.58	0.98
0.58	0.3	0.15	0.06	0.02		0.002	0.002	0.006	0	1.87	2.54	3.76	4.1	3.61	3.59	0.98
0.59	0.31	0.15	0.06	0.02		0.002	0.002	0.007	0	2.05	2.48	3.75	4.1	3.63	3.57	0.99
0.61	0.32	0.15	0.06	0.02		0.002	0.002	0.008	0	1.93	2.15	3.76	4.08	3.63	3.59	0.99
0.62	0.32	0.16	0.06	0.02		0.002	0.002	0.009	0	1.55	1.94	3.77	4.09	3.63	3.57	0.99
0.63	0.33	0.16	0.06	0.02		0.001	0.003	0.01	0	1.9	2.29	3.77	4.11	3.62	3.59	0.99
0.63	0.33	0.16	0.06	0.02		0.001	0.003	0.01	0	1.79	2.31	3.78	4.14	3.63	3.59	0.99
0.64	0.33	0.16	0.06	0.01		0.001	0.003	0.009	0	1.72	2.34	3.77	4.18	3.63	3.58	0.99
0.64	0.33	0.16	0.06	0.01		0.001	0.002	0.008	0	1.9	2.35	3.76	4.19	3.61	3.58	0.99
0.63	0.33	0.16	0.06	0.01		0.001	0.002	0.007	0	1.81	2.21	3.77	4.21	3.62	3.62	0.99
0.63	0.33	0.16	0.06	0.01		0.001	0.001	0.005	0	1.83	2.35	3.77	4.13	3.61	3.62	0.99
0.63	0.33	0.16	0.07	0.02		0.001	0.001	0.003	0	1.98	2.36	3.76	4.05	3.63	3.59	0.99
0.62	0.33	0.16	0.07	0.02		0	0.001	0.002	0	1.56	2.41	3.76	4	3.64	3.58	0.99
0.62	0.33	0.16	0.07	0.02	0.006	0.001	0.001	0.001	0	2.17	2.3	3.74	3.93	3.63	3.6	0.99
0.62	0.33	0.16	0.07	0.02	0.007	0.001	0.001	0	0	2.33	2.46	3.75	3.88	3.63	3.6	0.99
0.61	0.33	0.16	0.07	0.02	0.007	0.002	0.002	-0.001	0	2.08	2.45	3.75	3.87	3.61	3.57	0.99
0.61	0.33	0.16	0.07	0.02	0.008	0.002	0.002	-0.002	0	1.78	2.45	3.74	3.97	3.64	3.6	0.99
0.61	0.33	0.17	0.08	0.03	0.01	0.003	0.003	-0.002	0	2.23	2.61	3.76	4.02	3.65	3.6	0.99
0.61	0.33	0.17	0.08	0.03	0.01	0.004	0.004	-0.002	0	2.23	2.38	3.76	4.03	3.64	3.6	0.99
0.6	0.33	0.17	0.08	0.03	0.01	0.005	0.005	-0.002	0	2.18	2.12	3.76	3.97	3.63	3.62	0.99
0.6	0.34	0.18	0.08	0.03	0.01	0.006	0.005	-0.001	0	1.9	2.17	3.75	3.87	3.63	3.6	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.61	0.34	0.18	0.08	0.04	0.01	0.007	0.006	-0.001	0	2.02	2.23	3.74	3.75	3.63	3.59	0.99
0.61	0.34	0.18	0.08	0.04	0.01	0.007	0.006	-0.001	0	2.46	2.37	3.74	3.75	3.61	3.59	0.99
0.62	0.35	0.18	0.08	0.04	0.01	0.008	0.006	0	0	2.36	2.23	3.74	3.74	3.62	3.59	0.99
0.63	0.35	0.18	0.08	0.04	0.01	0.007	0.005	0	0	1.91	2.2	3.74	3.76	3.62	3.57	0.99
0.65	0.36	0.18	0.08	0.04	0.01	0.006	0.005	0	0	1.92	2.33	3.76	3.9	3.65	3.6	0.99
0.68	0.37	0.19	0.08	0.03	0.01	0.004	0.003	-0.001	0	2.2	2.21	3.76	4.01	3.65	3.57	0.99
0.71	0.38	0.19	0.08	0.03	0.008	0.002	0.002	-0.002	0	2.27	2.27	3.76	4.07	3.63	3.59	1
0.75	0.39	0.19	0.08	0.03	0.007	0.001	0.002	-0.001	0	2.44	2.25	3.76	4.08	3.63	3.61	1
0.8	0.41	0.2	0.08	0.03	0.006	0.001	0.002	-0.001	0	2.42	2.3	3.76	3.92	3.61	3.6	1
0.84	0.43	0.2	0.09	0.03	0.006	0.001	0.002	0	0	2.14	2.25	3.74	3.79	3.61	3.61	1
0.89	0.44	0.21	0.09	0.03	0.006	0.001	0.002	0	0	2.74	2.49	3.71	3.88	3.59	3.61	1
0.93	0.46	0.21	0.09	0.03	0.006	0.001	0.002	0	0	2.72	2.41	3.72	3.86	3.61	3.59	1
0.98	0.48	0.22	0.09	0.03	0.006	0.001	0.002	-0.001	0	1.83	2.4	3.73	3.8	3.64	3.59	1
1.03	0.5	0.23	0.09	0.03	0.007	0.002	0.002	-0.001	0	2.52	2.45	3.75	3.98	3.63	3.59	1
1.07	0.52	0.24	0.1	0.03	0.009	0.003	0.003	-0.002	0	2.31	2.46	3.77	4.11	3.64	3.61	1
1.12	0.54	0.24	0.1	0.03	0.01	0.004	0.003	-0.002	0	1.6	2.47	3.77	4.21	3.62	3.63	1
1.16	0.57	0.26	0.11	0.04	0.01	0.006	0.004	-0.001	0	1.82	2.21	3.77	4.17	3.64	3.61	1
1.2	0.59	0.26	0.11	0.04	0.01	0.006	0.004	-0.001	0	2.12	2.19	3.75	4.06	3.65	3.59	1
1.23	0.61	0.28	0.11	0.04	0.01	0.007	0.005	-0.001	0	2.25	2.19	3.75	3.93	3.62	3.58	1
1.26	0.63	0.29	0.12	0.04	0.01	0.008	0.005	-0.001	0	2.24	2.31	3.74	3.81	3.61	3.56	1
1.3	0.65	0.3	0.13	0.04	0.01	0.008	0.005	0	0	1.98	2.4	3.74	3.83	3.59	3.56	1
1.33	0.68	0.31	0.13	0.05	0.01	0.009	0.005	0	0	1.76	2.48	3.73	3.97	3.62	3.57	1
1.37	0.7	0.32	0.14	0.05	0.02	0.009	0.005	0	0	1.88	2.47	3.76	4.08	3.62	3.57	1
1.42	0.73	0.34	0.14	0.05	0.02	0.009	0.005	0	0	2.15	2.5	3.77	4.11	3.64	3.6	1
1.47	0.76	0.35	0.15	0.06	0.02	0.009	0.005	0	0	2.16	2.52	3.75	4.14	3.61	3.62	1
1.52	0.79	0.36	0.15	0.06	0.02	0.008	0.005	0	0	1.94	2.45	3.76	4.11	3.62	3.59	1
1.59	0.83	0.38	0.15	0.06	0.02	0.007	0.005	0	0	1.64	2.47	3.74	4.02	3.62	3.6	1
1.66	0.87	0.4	0.16	0.06	0.02	0.006	0.005	0	0	2.03	2.26	3.75	3.91	3.62	3.56	1
1.74	0.92	0.42	0.16	0.06	0.01	0.004	0.004	0	0	1.81	2.21	3.75	3.93	3.61	3.59	1
1.82	0.96	0.44	0.17	0.06	0.01	0.003	0.003	0	0	2.05	2.43	3.76	4.04	3.62	3.58	1
1.89	1.01	0.46	0.17	0.05	0.01	0.001	0.002	0	0	1.82	2.3	3.78	4.11	3.63	3.58	1
1.97	1.05	0.48	0.18	0.05		0	0.001	0.001	0	1.66	2.4	3.78	4.13	3.62	3.6	1
2.04	1.1	0.5	0.19	0.05			0	0.001	0	1.69	2.49	3.76	4.14	3.63	3.59	1
2.12	1.15	0.53	0.19	0.05			0	0.002	0	1.78	2.42	3.76	4.11	3.61	3.6	1
2.18	1.19	0.55	0.2	0.05			0	0.003	0	1.67	2.28	3.76	4.05	3.6	3.61	1
2.25	1.24	0.57	0.21	0.05			0	0.003	0	1.68	2.28	3.75	4.06	3.6	3.58	1.01
2.31	1.28	0.59	0.22	0.06			0	0.004	0	1.64	2.44	3.76	4.06	3.61	3.58	1.01
2.36	1.32	0.62	0.23	0.06			0	0.004	0	1.92	2.57	3.76	4.1	3.62	3.58	1.01
2.41	1.36	0.64	0.24	0.06		0.001	0	0.004	0	1.86	2.53	3.75	4.13	3.61	3.61	1.01
2.45	1.39	0.66	0.25	0.06		0	0	0.003	0	1.72	2.47	3.77	4.1	3.61	3.6	1.01
2.5	1.43	0.68	0.26	0.07	0.01	0	0	0.002	0	1.45	2.39	3.77	4.03	3.62	3.59	1.01
2.54	1.46	0.7	0.27	0.07	0.01	0.001	0	0.002	0	2.11	2.37	3.74	3.93	3.61	3.58	1.01
2.57	1.49	0.72	0.27	0.08	0.01	0.002	0	0.001	0	1.85	2.35	3.75	3.9	3.6	3.57	1.01
2.61	1.52	0.73	0.28	0.08	0.01	0.003	0	0.001	0	1.77	2.05	3.76	3.94	3.62	3.59	1.01
2.64	1.55	0.75	0.29	0.09	0.02	0.004	0	0	0	1.76	2.24	3.76	3.97	3.62	3.57	1
2.67	1.57	0.77	0.3	0.09	0.02	0.005	0	-0.001	0	1.81	2.39	3.75	4.01	3.6	3.59	1
2.7	1.59	0.78	0.31	0.1	0.02		0	-0.001	0	2.03	2.39	3.77	4	3.62	3.56	1
2.72	1.61	0.8	0.32	0.1	0.02	0.008	0	-0.001	0	1.96	2.55	3.75	3.93	3.61	3.58	1
2.75	1.63	0.81	0.33	0.11	0.03	0.01	0.002	0	0	1.64	2.29	3.74	3.91	3.61	3.6	1
2.77	1.65	0.82	0.34	0.11	0.03	0.01	0.004	0.002	0	1.99	2.51	3.74	3.85	3.62	3.58	1
2.78	1.66	0.83	0.35	0.12	0.04	0.01	0.005	0.003	0	1.84	2.01	3.74	3.87	3.62	3.56	1
2.78	1.66	0.84	0.35	0.13	0.04	0.02	0.008	0.005	0	1.52	2.25	3.75	3.89	3.61	3.57	1
2.78	1.66	0.84	0.36	0.13	0.05	0.02	0.009	0.007	0	1.71	2.55	3.75	3.93	3.61	3.58	1
2.77	1.65	0.84	0.36	0.14	0.05	0.02	0.01	0.007	0	2.1	2.39	3.75	4.02	3.62	3.6	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.74	1.64	0.85	0.37	0.14	0.06	0.02	0.01	0.008	0	2.13	2.29	3.75	4.03	3.62	3.59	1
2.71	1.63	0.85	0.38	0.15	0.06	0.02	0.01	0.007	0	1.98	2.28	3.75	3.92	3.63	3.58	1
2.68	1.61	0.85	0.39	0.16	0.07	0.02	0.01	0.007	0	1.93	2.29	3.76	3.84	3.62	3.59	1
2.64	1.59	0.85	0.4	0.17	0.07	0.02	0.01	0.006	0	2.2	2.39	3.73	3.78	3.62	3.57	1
2.59	1.57	0.85	0.41	0.18	0.08	0.02	0.01	0.006	0	1.99	2.41	3.74	3.79	3.61	3.58	1
2.55	1.55	0.85	0.42	0.18	0.08	0.02	0.01	0.004	0	1.31	2.38	3.76	3.83	3.63	3.57	1
2.51	1.53	0.85	0.43	0.19	0.08	0.02	0.01	0.004	0	1.91	2.51	3.76	3.87	3.63	3.57	1
2.47	1.51	0.85	0.44	0.2	0.08	0.03	0.01	0.003	0	1.95	2.45	3.74	3.85	3.64	3.6	1
2.43	1.49	0.85	0.44	0.2	0.09	0.03	0.01	0.003	0	1.95	2.37	3.74	3.86	3.6	3.58	1
2.4	1.48	0.85	0.45	0.21	0.09	0.03	0.01	0.002	0	2.04	2.31	3.74	3.83	3.64	3.57	1
2.36	1.47	0.85	0.46	0.22	0.09	0.03	0.01	0.002	0	2.02	2.42	3.75	3.8	3.63	3.6	1
2.34	1.46	0.85	0.46	0.22	0.09	0.03	0.01	0.001	0	1.83	2.47	3.76	3.82	3.62	3.58	1
2.31	1.45	0.85	0.47	0.23	0.09	0.03	0.01	0.001	0	1.1	2.39	3.75	3.81	3.61	3.59	1
2.28	1.45	0.86	0.48	0.23	0.09	0.03	0.01	0.001	0	1.66	2.35	3.76	3.84	3.62	3.59	1
2.26	1.44	0.86	0.48	0.24	0.09	0.03	0.01	0.001	0	1.76	2.29	3.74	3.8	3.61	3.61	1
2.25	1.44	0.87	0.49	0.24	0.1	0.03	0.01	0.003	0	1.81	2.24	3.75	3.79	3.63	3.61	1
2.23	1.44	0.88	0.5	0.25	0.1	0.03	0.01	0.004	0	1.68	2.3	3.76	3.81	3.63	3.6	1
2.22	1.45	0.88	0.5	0.25	0.1	0.03	0.01	0.004	0	1.81	2.23	3.75	3.83	3.63	3.6	1
2.21	1.45	0.89	0.5	0.25	0.1	0.03	0.01	0.004	0	1.39	2.57	3.75	3.83	3.62	3.58	1
2.21	1.45	0.89	0.51	0.25	0.11	0.03	0.01	0.003	0	1.54	2.43	3.74	3.84	3.62	3.59	1
2.22	1.46	0.89	0.51	0.26	0.11	0.03	0.01	0.002	0	1.66	1.75	3.75	3.87	3.62	3.59	1
2.23	1.47	0.9	0.51	0.26	0.11	0.03	0.01	0.002	0	1.91	2.35	3.75	3.88	3.63	3.59	1
2.25	1.48	0.9	0.51	0.26	0.11	0.03	0.01	0.001	0	1.74	2.51	3.74	3.89	3.63	3.59	1
2.29	1.5	0.92	0.51	0.26	0.11	0.03	0.01	0.001	0	1.86	2.55	3.77	3.9	3.6	3.56	1
2.33	1.53	0.93	0.52	0.26	0.11	0.03	0.01	0.001	0	1.98	2.45	3.75	3.94	3.62	3.57	1
2.37	1.56	0.94	0.53	0.26	0.11	0.03	0.01	0.001	0	1.97	2.22	3.76	3.96	3.63	3.58	1
2.43	1.59	0.96	0.53	0.27	0.11	0.03	0.01	0.002	0	1.94	2.31	3.76	3.93	3.63	3.57	1
2.48	1.63	0.98	0.54	0.27	0.11	0.03	0.01	0.002	0	1.97	2.33	3.75	3.91	3.62	3.56	1
2.54	1.67	1.01	0.55	0.27	0.11	0.03	0.01	0.002	0	1.87	2.22	3.75	3.93	3.62	3.56	1
2.6	1.72	1.03	0.57	0.28	0.11	0.03	0.01	0.002	0	1.62	2.27	3.74	3.97	3.61	3.59	1
2.67	1.77	1.06	0.58	0.28	0.12	0.03	0.01	0.002	0	1.86	2.02	3.77	4.03	3.61	3.58	1.01
2.73	1.82	1.09	0.59	0.29	0.12	0.03	0.01	0.002	0	2.08	2.47	3.76	4.05	3.65	3.58	1.01
2.79	1.87	1.12	0.61	0.29	0.12	0.04	0.01	0.003	0	1.89	2.45	3.75	4.02	3.63	3.58	1.01
2.86	1.92	1.16	0.62	0.3	0.12	0.04	0.01	0.003	0	1.89	2.06	3.75	3.93	3.62	3.58	1.01
2.93	1.97	1.19	0.64	0.3	0.12	0.04	0.01	0.004	0	1.94	2.09	3.73	3.84	3.62	3.56	1.01
2.99	2.02	1.21	0.65	0.3	0.12	0.04	0.01	0.004	0	2.22	2.2	3.73	3.83	3.62	3.58	1.01
3.05	2.06	1.24	0.65	0.3	0.12	0.04	0.01	0.005	0	1.84	2.28	3.75	3.9	3.62	3.56	1.01
3.1	2.1	1.26	0.66	0.3	0.12	0.03	0.009	0.005	0	1.62	2.12	3.75	3.98	3.63	3.58	1.01
3.14	2.13	1.28	0.66	0.29	0.11	0.03	0.007	0.005	0	2.03	2.39	3.76	4	3.62	3.6	1.01
3.18	2.16	1.29	0.67	0.29	0.11	0.03	0.007	0.006	0	2.08	2.41	3.76	4.08	3.6	3.6	1.01
3.2	2.18	1.31	0.68	0.29	0.11	0.03	0.008	0.007	0	2.1	2.17	3.76	4.05	3.62	3.58	1.01
3.2	2.19	1.32	0.69	0.3	0.11	0.03	0.009	0.006	0	1.9	2.29	3.76	3.99	3.63	3.58	1.01
3.2	2.2	1.33	0.7	0.3	0.12	0.04	0.01	0.006	0	1.9	2.15	3.76	3.98	3.61	3.58	1.01
3.19	2.2	1.35	0.71	0.31	0.12	0.04	0.01	0.005	0	1.54	2.35	3.75	3.96	3.62	3.56	1.01
3.17	2.2	1.36	0.72	0.32	0.12	0.04	0.01	0.005	0	1.5	2.45	3.74	3.96	3.63	3.58	1.01
3.15	2.2	1.37	0.74	0.33	0.13	0.04	0.01	0.005	0	2.06	2.41	3.76	3.97	3.62	3.58	1.01
3.14	2.2	1.38	0.75	0.34	0.14	0.04	0.01	0.005	0	1.54	2.29	3.76	4.05	3.61	3.61	1.01
3.14	2.21	1.39	0.76	0.35	0.14	0.05	0.02	0.006	0	1.45	2.47	3.77	4.05	3.61	3.6	1.01
3.14	2.22	1.4	0.78	0.36	0.15	0.05	0.02	0.007	0	1.85	2.53	3.77	4.03	3.62	3.62	1.01
3.16	2.23	1.42	0.79	0.37	0.15	0.05	0.02	0.007	0	2.12	2.59	3.77	4.06	3.64	3.61	1.01
3.19	2.26	1.44	0.8	0.38	0.16	0.05	0.02	0.007	0	1.65	2.57	3.77	4.09	3.63	3.59	1.01
3.23	2.29	1.47	0.82	0.39	0.16	0.06	0.02	0.008	0	2.03	2.39	3.78	4.09	3.62	3.59	1
3.28	2.34	1.5	0.84	0.4	0.17	0.06	0.02	0.009	0	1.43	2.24	3.77	4.09	3.63	3.59	1
3.34	2.38	1.53	0.86	0.41	0.17	0.06	0.02	0.008	0	1.58	2.27	3.76	4.08	3.62	3.59	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.39	2.43	1.57	0.89	0.42	0.18	0.06	0.02	0.007	0	2.03	2.47	3.75	4.08	3.63	3.59	1
3.46	2.49	1.61	0.91	0.44	0.18	0.06	0.01	0.004	0	1.98	2.47	3.75	4.09	3.62	3.6	1
3.53	2.55	1.66	0.94	0.45	0.18	0.06	0.01	0.002	0	1.95	2.2	3.75	4.09	3.61	3.59	1
3.6	2.61	1.71	0.97	0.47	0.19	0.06	0.01	0	0	1.71	2.3	3.74	4.11	3.62	3.59	0.99
3.66	2.68	1.76	1.01	0.48	0.2	0.06	0.01	0.001	0	1.45	2.43	3.77	4.11	3.62	3.59	0.99
3.73	2.74	1.81	1.04	0.5	0.2	0.06	0.01	0.001	0	1.87	2.21	3.76	4.14	3.6	3.59	0.99
3.79	2.8	1.86	1.08	0.53	0.21	0.07	0.01	0.001	0	1.79	2.23	3.76	4.13	3.62	3.61	0.99
3.84	2.86	1.91	1.12	0.55	0.23	0.07	0.01	0.001	0	1.93	2.35	3.76	4.14	3.62	3.57	0.99
3.88	2.91	1.96	1.16	0.58	0.24	0.08	0.01	0.001	0	2.22	2.31	3.77	4.18	3.6	3.6	0.99
3.92	2.96	2.01	1.2	0.6	0.25	0.08	0.02	0.001	0	1.66	2.34	3.79	4.15	3.61	3.6	0.99
3.95	3	2.06	1.24	0.63	0.27	0.09	0.02	0.001	0	1.56	2.61	3.77	4.2	3.61	3.61	0.99
3.98	3.04	2.11	1.28	0.66	0.29	0.1	0.02	0.002	0	1.91	2.55	3.76	4.19	3.62	3.62	0.99
4.01	3.09	2.16	1.33	0.69	0.3	0.1	0.02	0.002	0	2.1	2.31	3.73	4.11	3.6	3.61	0.99
4.04	3.13	2.21	1.37	0.72	0.32	0.11	0.03	0.003	0	2.03	2.21	3.72	4	3.61	3.57	0.99
4.07	3.17	2.26	1.41	0.75	0.33	0.11	0.03	0.004	0	2.08	2.22	3.73	3.95	3.59	3.57	0.99
4.11	3.22	2.3	1.45	0.78	0.34	0.12	0.03	0.004	0	1.81	2.25	3.74	4.01	3.6	3.59	0.99
4.15	3.26	2.35	1.49	0.81	0.36	0.13	0.03	0.005	0	1.76	2.26	3.74	4.07	3.63	3.59	0.99
4.18	3.31	2.39	1.53	0.84	0.37	0.13	0.03	0.006	0	2.02	2.35	3.76	4.13	3.62	3.58	0.99
4.22	3.35	2.44	1.57	0.87	0.39	0.14	0.04	0.007	0	2.02	2.26	3.76	4.15	3.62	3.58	0.99
4.24	3.39	2.48	1.61	0.9	0.41	0.15	0.04	0.008	0	2.03	2.38	3.76	4.12	3.63	3.58	0.99
4.27	3.42	2.52	1.65	0.93	0.42	0.15	0.04	0.009	0	1.92	2.35	3.75	4.1	3.6	3.57	0.99
4.29	3.46	2.56	1.69	0.96	0.44	0.16	0.05	0.01	0	2.18	2.45	3.76	4.1	3.61	3.57	0.99
4.31	3.49	2.6	1.72	0.99	0.46	0.17	0.05	0.01	0	1.72	2.58	3.75	4.06	3.61	3.56	0.99
4.33	3.52	2.63	1.76	1.02	0.48	0.18	0.05	0.01	0	1.47	2.46	3.75	3.98	3.63	3.57	1
4.35	3.55	2.67	1.8	1.05	0.5	0.19	0.06	0.01	0	1.92	2.35	3.73	3.87	3.6	3.57	1
4.37	3.58	2.71	1.84	1.08	0.52	0.2	0.06	0.01	0	2.2	2.3	3.73	3.84	3.61	3.59	1
4.39	3.61	2.74	1.87	1.11	0.54	0.21	0.06	0.01	0	2.03	2.46	3.74	3.9	3.63	3.58	1
4.41	3.64	2.78	1.91	1.14	0.56	0.22	0.07	0.01	0	1.85	2.5	3.75	3.99	3.62	3.59	1
4.43	3.66	2.81	1.94	1.17	0.58	0.23	0.07	0.01	0	2.3	2.48	3.77	4.06	3.62	3.58	1
4.45	3.69	2.84	1.98	1.2	0.6	0.24	0.08	0.01	0	2.25	2.33	3.78	4.08	3.62	3.57	1
4.45	3.71	2.88	2.01	1.23	0.62	0.26	0.08	0.02	0	1.99	2.46	3.77	4	3.64	3.57	1
4.46	3.73	2.91	2.05	1.26	0.65	0.27	0.09	0.02	0	2.04	2.36	3.75	3.91	3.63	3.57	1
4.47	3.74	2.93	2.08	1.29	0.67	0.28	0.1	0.02	0	2.09	2.33	3.73	3.82	3.63	3.57	0.99
4.47	3.76	2.96	2.12	1.32	0.7	0.3	0.1	0.02	0	2.13	2.41	3.74	3.8	3.61	3.59	0.99
4.48	3.78	2.99	2.16	1.36	0.72	0.31	0.11	0.03	0	1.74	2.34	3.74	3.81	3.6	3.58	0.99
4.49	3.8	3.03	2.19	1.4	0.75	0.33	0.12	0.03	0	1.69	2.14	3.74	3.86	3.6	3.56	0.99
4.5	3.83	3.06	2.24	1.43	0.78	0.34	0.12	0.03	0	1.84	2.3	3.74	3.9	3.6	3.57	0.99
4.52	3.86	3.1	2.28	1.47	0.8	0.35	0.13	0.03	0	1.89	2.31	3.75	3.9	3.59	3.59	0.99
4.54	3.89	3.14	2.32	1.51	0.83	0.37	0.13	0.04	0	1.9	2.44	3.74	3.82	3.64	3.6	0.99
4.57	3.92	3.18	2.36	1.54	0.85	0.38	0.14	0.04	0	2.18	2.45	3.72	3.82	3.63	3.58	0.99
4.59	3.95	3.21	2.4	1.57	0.87	0.39	0.15	0.04	0	1.91	2.48	3.74	3.83	3.61	3.56	0.99
4.61	3.98	3.25	2.43	1.6	0.89	0.4	0.15	0.04	0	1.41	2.32	3.74	3.9	3.61	3.59	0.99
4.63	4	3.28	2.46	1.62	0.9	0.41	0.16	0.04	0	1.72	2.22	3.76	3.98	3.62	3.57	0.99
4.65	4.02	3.3	2.49	1.65	0.92	0.42	0.16	0.04	0	2.06	2.25	3.77	4.01	3.59	3.57	0.99
4.66	4.04	3.32	2.51	1.66	0.93	0.43	0.16	0.04	0	2.02	2.4	3.76	4.02	3.62	3.58	1
4.68	4.06	3.34	2.53	1.68	0.94	0.43	0.16	0.04	0	1.59	2.36	3.75	4.03	3.59	3.57	1
4.7	4.08	3.36	2.54	1.69	0.95	0.44	0.17	0.04	0	1.85	2.32	3.74	3.96	3.6	3.55	1
4.72	4.09	3.37	2.56	1.7	0.96	0.45	0.17	0.04	0	1.87	2.07	3.74	3.88	3.61	3.57	1
4.73	4.11	3.39	2.57	1.71	0.97	0.45	0.17	0.04	0	1.95	2	3.73	3.88	3.62	3.58	1
4.75	4.12	3.4	2.57	1.72	0.98	0.46	0.17	0.04	0	1.68	2.21	3.74	3.89	3.62	3.61	1
4.76	4.13	3.4	2.58	1.73	0.99	0.47	0.18	0.05	0	1.85	2.5	3.74	3.95	3.63	3.59	1
4.77	4.14	3.41	2.59	1.74	1	0.48	0.18	0.05	0	2.13	2.46	3.75	3.99	3.62	3.58	1
4.77	4.14	3.41	2.59	1.75	1.01	0.49	0.19	0.05	0	2.11	2.26	3.75	4	3.61	3.59	1
4.77	4.14	3.42	2.6	1.76	1.02	0.49	0.19	0.05	0	1.86	2.43	3.76	3.96	3.63	3.59	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.77	4.14	3.42	2.6	1.77	1.04	0.5	0.2	0.05	0	2.04	2.15	3.74	3.86	3.61	3.57	1
4.78	4.15	3.42	2.61	1.78	1.05	0.51	0.2	0.05	0	2.21	2.27	3.73	3.82	3.61	3.55	1
4.78	4.15	3.43	2.62	1.79	1.06	0.52	0.21	0.05	0	2	2.19	3.73	3.89	3.61	3.57	1
4.78	4.16	3.43	2.63	1.81	1.07	0.53	0.21	0.06	0	1.58	2.11	3.75	3.97	3.61	3.57	1
4.79	4.16	3.44	2.65	1.82	1.09	0.55	0.22	0.06	0	1.78	1.89	3.77	3.96	3.63	3.56	1
4.8	4.17	3.45	2.66	1.84	1.11	0.56	0.23	0.06	0	1.6	2.34	3.76	3.99	3.63	3.57	1
4.8	4.18	3.46	2.67	1.85	1.12	0.57	0.24	0.07	0	1.73	2.42	3.74	3.98	3.62	3.56	1
4.8	4.18	3.47	2.68	1.87	1.14	0.59	0.24	0.07	0	1.71	2.3	3.76	4.04	3.63	3.57	1
4.8	4.18	3.47	2.69	1.88	1.16	0.6	0.25	0.07	0	1.91	2.38	3.76	4.06	3.63	3.57	1
4.79	4.17	3.47	2.69	1.89	1.17	0.61	0.26	0.08	0	1.81	2.37	3.74	4.02	3.62	3.56	0.99
4.77	4.16	3.47	2.7	1.9	1.18	0.62	0.26	0.08	0	1.7	2.35	3.72	4	3.61	3.59	0.99
4.76	4.15	3.46	2.7	1.91	1.19	0.62	0.27	0.08	0	1.88	2.38	3.73	3.98	3.63	3.58	0.99
4.74	4.13	3.45	2.69	1.92	1.2	0.63	0.27	0.08	0	1.86	2.41	3.75	3.97	3.59	3.56	0.99
4.72	4.12	3.44	2.69	1.92	1.2	0.63	0.27	0.09	0	1.52	2.33	3.75	3.99	3.6	3.61	0.99
4.7	4.1	3.43	2.68	1.92	1.2	0.64	0.27	0.09	0	1.95	2.11	3.74	4.01	3.61	3.57	0.99
4.68	4.08	3.41	2.68	1.92	1.2	0.64	0.27	0.09	0	1.89	2.07	3.74	4.05	3.61	3.58	0.99
4.66	4.07	3.4	2.67	1.91	1.2	0.64	0.27	0.09	0	1.72	2.29	3.75	4.06	3.61	3.56	0.99
4.64	4.05	3.39	2.66	1.91	1.2	0.64	0.27	0.09	0	1.92	2.47	3.74	4.06	3.58	3.56	0.99
4.63	4.04	3.37	2.65	1.9	1.2	0.63	0.27	0.08	0	1.9	2.43	3.74	4.03	3.61	3.59	0.99
4.61	4.03	3.37	2.64	1.9	1.19	0.63	0.27	0.08	0	1.75	2.24	3.75	4.03	3.61	3.59	0.99
4.6	4.02	3.36	2.64	1.89	1.19	0.63	0.27	0.08	0	2.04	2.01	3.75	3.96	3.62	3.58	0.99
4.6	4.01	3.35	2.64	1.89	1.18	0.62	0.27	0.08	0	2.14	2.12	3.73	3.9	3.62	3.57	0.99
4.59	4.01	3.35	2.63	1.88	1.18	0.62	0.26	0.08	0	2.04	2.13	3.74	3.8	3.6	3.58	0.99
4.59	4	3.35	2.63	1.88	1.18	0.61	0.26	0.08	0	2.34	2.42	3.74	3.8	3.61	3.59	0.99
4.58	4	3.35	2.63	1.88	1.17	0.61	0.26	0.08	0	2.11	2.48	3.73	3.83	3.59	3.56	0.99
4.58	3.99	3.34	2.63	1.87	1.17	0.61	0.26	0.08	0	1.81	2.49	3.75	3.97	3.64	3.57	0.99
4.56	3.98	3.34	2.63	1.87	1.17	0.61	0.26	0.08	0	2.3	2.34	3.75	4.06	3.64	3.6	0.99
4.55	3.98	3.34	2.63	1.88	1.17	0.61	0.26	0.08	0	2.32	2.22	3.75	4.07	3.62	3.59	0.99
4.53	3.97	3.34	2.63	1.88	1.17	0.61	0.26	0.08	0	1.95	2.25	3.76	4.07	3.62	3.57	0.99
4.52	3.96	3.34	2.64	1.89	1.18	0.62	0.26	0.08	0	1.78	2.38	3.74	4.01	3.6	3.57	0.99
4.5	3.95	3.34	2.64	1.9	1.19	0.62	0.27	0.08	0	1.95	2.51	3.76	3.9	3.6	3.55	0.99
4.49	3.95	3.34	2.66	1.92	1.21	0.63	0.27	0.09	0	2.17	2.38	3.74	3.81	3.6	3.56	0.99
4.48	3.95	3.35	2.67	1.93	1.22	0.64	0.28	0.09	0	1.91	2.17	3.74	3.84	3.59	3.57	0.99
4.48	3.95	3.36	2.68	1.95	1.24	0.66	0.29	0.09	0	2.07	2.1	3.74	3.9	3.6	3.56	0.99
4.48	3.96	3.37	2.7	1.97	1.26	0.67	0.3	0.09	0	1.67	2.39	3.75	3.97	3.61	3.59	0.99
4.48	3.96	3.38	2.71	1.99	1.27	0.68	0.31	0.1	0	1.71	2.33	3.75	4.09	3.62	3.6	0.99
4.48	3.97	3.39	2.73	2	1.29	0.69	0.31	0.1	0	2.03	2.22	3.77	4.18	3.61	3.61	0.99
4.48	3.97	3.4	2.74	2.01	1.3	0.7	0.32	0.1	0	1.9	2.46	3.77	4.2	3.62	3.62	0.99
4.48	3.98	3.4	2.75	2.02	1.31	0.71	0.33	0.11	0	2.09	2.58	3.77	4.16	3.62	3.61	0.98
4.48	3.98	3.41	2.75	2.03	1.32	0.72	0.33	0.11	0	2.36	2.35	3.75	4.08	3.64	3.57	0.98
4.49	3.98	3.41	2.76	2.04	1.33	0.73	0.34	0.11	0	1.68	2.18	3.72	3.91	3.63	3.56	0.98
4.49	3.99	3.42	2.76	2.05	1.34	0.74	0.34	0.11	0	2.42	2.33	3.73	3.78	3.59	3.58	0.98
4.5	4	3.42	2.77	2.05	1.35	0.75	0.35	0.12	0	2.52	2.37	3.72	3.76	3.6	3.57	0.98
4.51	4.01	3.43	2.78	2.06	1.35	0.75	0.35	0.12	0	2.19	2.44	3.72	3.78	3.58	3.57	0.98
4.53	4.02	3.44	2.78	2.06	1.36	0.76	0.36	0.12	0	1.77	2.41	3.73	3.92	3.59	3.58	0.98
4.55	4.03	3.45	2.79	2.07	1.36	0.77	0.36	0.12	0	2.12	2.13	3.76	4.06	3.59	3.56	0.98
4.57	4.05	3.46	2.79	2.07	1.37	0.77	0.36	0.12	0	1.88	2.43	3.77	4.12	3.61	3.61	0.98
4.59	4.07	3.47	2.79	2.07	1.37	0.78	0.37	0.13	0	2.02	2.35	3.77	4.16	3.61	3.63	0.98
4.61	4.08	3.48	2.79	2.07	1.37	0.78	0.37	0.13	0	1.97	2.16	3.74	4.12	3.6	3.58	0.98
4.64	4.1	3.49	2.8	2.07	1.37	0.78	0.37	0.13	0	1.86	2.31	3.75	4.02	3.61	3.58	0.98
4.66	4.11	3.5	2.8	2.07	1.37	0.78	0.37	0.13	0	1.82	2	3.73	4.01	3.63	3.56	0.98
4.67	4.13	3.5	2.8	2.06	1.36	0.78	0.37	0.13	0	1.75	1.92	3.73	4.01	3.61	3.56	0.98
4.69	4.14	3.51	2.8	2.06	1.36	0.78	0.37	0.13	0	1.59	2.4	3.74	4.05	3.61	3.55	0.98
4.7	4.14	3.51	2.8	2.06	1.36	0.78	0.37	0.13	0	1.74	2.5	3.75	4.06	3.6	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.7	4.15	3.51	2.8	2.06	1.36	0.78	0.37	0.13	0	1.94	2.59	3.76	4.05	3.62	3.59	0.98
4.71	4.15	3.52	2.8	2.06	1.35	0.78	0.37	0.13	0	1.88	2.53	3.76	4.02	3.6	3.58	0.98
4.71	4.16	3.52	2.8	2.05	1.35	0.78	0.37	0.13	0	1.98	2.45	3.74	4.01	3.6	3.56	0.98
4.72	4.16	3.52	2.81	2.05	1.35	0.77	0.37	0.13	0	1.95	2.38	3.74	3.99	3.61	3.55	0.98
4.72	4.16	3.52	2.81	2.05	1.35	0.77	0.37	0.13	0	1.78	2.31	3.72	3.95	3.62	3.58	0.98
4.73	4.17	3.53	2.81	2.05	1.35	0.77	0.37	0.13	0	1.8	2.4	3.73	3.95	3.6	3.57	0.98
4.74	4.18	3.53	2.81	2.05	1.35	0.77	0.37	0.13	0	2.02	2.45	3.75	4.01	3.6	3.58	0.98
4.75	4.19	3.54	2.82	2.06	1.35	0.77	0.37	0.13	0	1.91	2.17	3.76	4.04	3.61	3.59	0.98
4.76	4.2	3.55	2.82	2.06	1.35	0.77	0.37	0.13	0	2.27	2.29	3.78	4.09	3.63	3.58	0.98
4.77	4.21	3.56	2.83	2.06	1.35	0.77	0.37	0.13	0	2.04	2.48	3.75	4.07	3.62	3.58	0.99
4.78	4.22	3.57	2.84	2.07	1.36	0.77	0.37	0.13	0	1.66	2.27	3.74	3.98	3.62	3.58	0.99
4.79	4.23	3.58	2.85	2.08	1.36	0.78	0.37	0.13	0	1.82	2.32	3.74	3.89	3.62	3.58	0.99
4.79	4.23	3.58	2.86	2.09	1.37	0.78	0.37	0.13	0	2	2.47	3.74	3.85	3.62	3.57	0.99
4.79	4.24	3.59	2.87	2.1	1.38	0.79	0.37	0.13	0	2.05	2.51	3.74	3.85	3.62	3.56	0.99
4.79	4.24	3.6	2.88	2.11	1.39	0.79	0.38	0.13	0	1.94	2.51	3.73	3.87	3.61	3.58	1
4.79	4.25	3.61	2.89	2.13	1.4	0.8	0.38	0.13	0	1.45	2.03	3.74	3.96	3.64	3.56	1
4.79	4.25	3.62	2.91	2.14	1.42	0.81	0.39	0.13	0	2.01	2.18	3.74	4.03	3.62	3.56	1
4.78	4.25	3.63	2.92	2.16	1.43	0.82	0.39	0.13	0	2.09	2.11	3.75	4.09	3.64	3.58	1
4.78	4.25	3.63	2.93	2.17	1.44	0.83	0.4	0.13	0	2.07	2.36	3.76	4.07	3.62	3.59	1
4.77	4.25	3.64	2.95	2.19	1.46	0.84	0.4	0.13	0	1.85	2.45	3.75	3.99	3.62	3.57	1
4.77	4.25	3.65	2.96	2.21	1.47	0.85	0.41	0.14	0	1.63	2.37	3.72	3.91	3.61	3.58	1
4.76	4.25	3.66	2.97	2.22	1.49	0.86	0.41	0.14	0	2.15	2.44	3.72	3.83	3.6	3.58	0.99
4.76	4.25	3.66	2.98	2.24	1.5	0.87	0.42	0.14	0	2.09	2.45	3.74	3.85	3.61	3.56	0.99
4.76	4.25	3.67	2.99	2.25	1.51	0.88	0.43	0.14	0	2.06	2.36	3.72	3.93	3.6	3.57	0.99
4.76	4.25	3.68	3	2.27	1.53	0.89	0.43	0.15	0	1.82	2.46	3.74	4.01	3.6	3.59	0.99
4.76	4.26	3.68	3.01	2.28	1.54	0.9	0.44	0.15	0	2.08	2.31	3.76	4.07	3.62	3.58	0.99
4.76	4.26	3.69	3.02	2.29	1.55	0.9	0.44	0.15	0	1.75	1.87	3.74	4.06	3.58	3.6	0.99
4.77	4.27	3.7	3.03	2.3	1.56	0.91	0.45	0.15	0	1.89	2.34	3.74	4.08	3.6	3.59	0.99
4.78	4.28	3.71	3.04	2.31	1.57	0.92	0.45	0.16	0	2.4	2.41	3.75	4.02	3.61	3.58	0.99
4.79	4.28	3.71	3.05	2.32	1.58	0.92	0.45	0.16	0	1.89	2.4	3.75	3.92	3.61	3.57	0.99
4.79	4.29	3.72	3.06	2.33	1.59	0.93	0.46	0.16	0	2.1	2.46	3.74	3.85	3.62	3.57	0.99
4.8	4.3	3.73	3.07	2.34	1.59	0.93	0.46	0.16	0	2.12	2.42	3.73	3.82	3.61	3.59	0.99
4.8	4.3	3.73	3.08	2.34	1.6	0.94	0.46	0.16	0	2.13	2.36	3.73	3.88	3.62	3.58	0.99
4.8	4.31	3.74	3.08	2.35	1.61	0.94	0.46	0.17	0	1.74	2.44	3.73	3.95	3.63	3.57	0.99
4.8	4.31	3.75	3.1	2.36	1.61	0.95	0.47	0.17	0	2.19	2.27	3.75	4.03	3.61	3.59	0.99
4.8	4.32	3.76	3.11	2.37	1.62	0.95	0.47	0.17	0	1.82	2.22	3.77	4.08	3.6	3.61	0.99
4.81	4.32	3.77	3.12	2.39	1.63	0.95	0.47	0.17	0	2.33	2.39	3.75	4.1	3.62	3.61	1
4.81	4.33	3.78	3.13	2.4	1.64	0.96	0.47	0.17	0	2.02	2.44	3.75	4.06	3.6	3.59	1
4.82	4.34	3.79	3.14	2.41	1.65	0.96	0.48	0.17	0	1.96	2.17	3.75	4.02	3.6	3.6	1
4.83	4.35	3.8	3.15	2.42	1.65	0.97	0.48	0.17	0	1.71	2.36	3.76	3.95	3.6	3.57	1
4.84	4.35	3.8	3.16	2.42	1.65	0.97	0.48	0.17	0	1.97	2.38	3.76	3.95	3.61	3.56	1
4.84	4.36	3.81	3.16	2.42	1.66	0.97	0.48	0.17	0	1.61	2.43	3.75	4	3.63	3.59	1
4.84	4.36	3.81	3.16	2.43	1.66	0.97	0.48	0.17	0	2.01	2.32	3.75	4.05	3.62	3.57	1
4.84	4.36	3.81	3.16	2.43	1.66	0.97	0.48	0.17	0	2.16	1.93	3.77	4.13	3.63	3.6	1
4.83	4.35	3.8	3.16	2.43	1.66	0.97	0.48	0.17	0	2.1	2.22	3.76	4.16	3.62	3.57	1
4.82	4.34	3.8	3.16	2.43	1.66	0.97	0.48	0.17	0	2	2.18	3.76	4.11	3.62	3.57	1
4.8	4.33	3.8	3.16	2.43	1.66	0.97	0.48	0.17	0	1.79	2.15	3.75	4.06	3.61	3.59	1
4.79	4.33	3.79	3.16	2.43	1.66	0.97	0.48	0.17	0	1.54	2.34	3.73	3.97	3.59	3.56	1
4.79	4.32	3.79	3.16	2.43	1.66	0.97	0.48	0.17	0	2.02	2.36	3.72	3.82	3.58	3.56	0.99
4.78	4.32	3.79	3.16	2.43	1.66	0.97	0.48	0.17	0	2.3	2.32	3.72	3.78	3.6	3.55	0.99
4.79	4.32	3.79	3.17	2.43	1.66	0.97	0.48	0.17	0	2.13	2.27	3.73	3.79	3.6	3.53	0.99
4.8	4.33	3.8	3.17	2.44	1.67	0.98	0.48	0.17	0	1.71	2.39	3.74	3.86	3.6	3.56	0.99
4.81	4.34	3.81	3.18	2.45	1.67	0.98	0.49	0.17	0	1.9	2.29	3.73	3.96	3.61	3.54	0.99
4.83	4.36	3.83	3.19	2.45	1.68	0.99	0.49	0.17	0	2.1	2.2	3.75	4.06	3.61	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.84	4.37	3.84	3.2	2.46	1.68	0.99	0.49	0.17	0	2.17	2.37	3.75	4.05	3.61	3.59	0.99
4.85	4.38	3.84	3.21	2.47	1.69	0.99	0.49	0.18	0	2.07	2.41	3.74	4.05	3.59	3.6	0.99
4.86	4.39	3.85	3.22	2.47	1.69	1	0.49	0.18	0	1.82	2.39	3.74	3.96	3.61	3.58	0.99
4.86	4.39	3.86	3.22	2.48	1.7	1	0.5	0.18	0	1.94	2.51	3.73	3.82	3.63	3.58	0.99
4.86	4.4	3.86	3.23	2.49	1.71	1.01	0.5	0.18	0	2.12	2.27	3.73	3.8	3.59	3.57	0.98
4.87	4.41	3.87	3.24	2.5	1.71	1.01	0.5	0.18	0	1.95	2.12	3.74	3.81	3.59	3.59	0.98
4.88	4.42	3.88	3.25	2.5	1.72	1.02	0.5	0.18	0	1.62	1.89	3.73	3.82	3.62	3.57	0.98
4.89	4.43	3.89	3.26	2.51	1.73	1.02	0.5	0.18	0	1.47	2.19	3.74	3.84	3.61	3.56	0.98
4.91	4.44	3.91	3.27	2.52	1.74	1.03	0.51	0.18	0	1.92	2.19	3.75	3.85	3.62	3.57	0.98
4.92	4.46	3.92	3.28	2.53	1.75	1.03	0.51	0.18	0	1.7	2.2	3.74	3.82	3.62	3.57	0.98
4.94	4.47	3.93	3.29	2.55	1.76	1.04	0.51	0.18	0	1.8	2.4	3.73	3.83	3.62	3.58	0.98
4.96	4.49	3.95	3.31	2.56	1.77	1.05	0.52	0.18	0	1.54	2.44	3.74	3.85	3.62	3.58	0.98
4.97	4.5	3.96	3.32	2.57	1.78	1.05	0.52	0.19	0	1.42	2.42	3.73	3.85	3.63	3.55	0.98
4.99	4.51	3.97	3.34	2.59	1.79	1.06	0.53	0.19	0	1.48	2.07	3.73	3.83	3.61	3.57	0.98
5	4.53	3.99	3.35	2.6	1.8	1.07	0.53	0.19	0	1.92	2.23	3.74	3.81	3.63	3.57	0.98
5.02	4.54	4.01	3.37	2.62	1.81	1.08	0.54	0.19	0	1.95	2.5	3.74	3.84	3.63	3.58	0.99
5.03	4.56	4.02	3.39	2.63	1.83	1.09	0.54	0.2	0	1.64	2.35	3.74	3.87	3.64	3.57	0.99
5.05	4.57	4.04	3.41	2.65	1.84	1.1	0.55	0.2	0	1.64	1.83	3.74	3.91	3.6	3.57	0.99
5.06	4.59	4.06	3.42	2.67	1.86	1.11	0.56	0.2	0	1.78	1.91	3.74	3.92	3.61	3.58	0.99
5.08	4.6	4.07	3.44	2.68	1.87	1.12	0.56	0.2	0	1.52	2.19	3.74	3.91	3.6	3.56	0.99
5.09	4.62	4.08	3.45	2.7	1.88	1.13	0.57	0.21	0	1.78	2.36	3.75	3.91	3.6	3.56	0.99
5.1	4.63	4.09	3.46	2.71	1.9	1.14	0.57	0.21	0	1.45	2.28	3.74	3.94	3.63	3.58	0.99
5.11	4.64	4.1	3.47	2.72	1.91	1.15	0.58	0.21	0	1.59	2.31	3.74	3.93	3.6	3.58	0.99
5.12	4.64	4.11	3.48	2.73	1.92	1.16	0.58	0.21	0	1.47	2.37	3.73	3.92	3.61	3.58	0.99
5.12	4.65	4.11	3.49	2.74	1.93	1.17	0.59	0.22	0	1.59	2.06	3.75	3.98	3.63	3.58	0.99
5.13	4.65	4.12	3.5	2.75	1.94	1.18	0.6	0.22	0	1.76	2.31	3.75	4	3.62	3.59	0.99
5.13	4.66	4.12	3.5	2.76	1.95	1.18	0.6	0.22	0	1.71	2.4	3.75	4.02	3.61	3.58	0.99
5.13	4.66	4.13	3.51	2.77	1.96	1.19	0.61	0.22	0	2.08	2.3	3.75	4.04	3.6	3.56	0.99
5.13	4.66	4.13	3.51	2.78	1.97	1.2	0.61	0.22	0	1.72	2.26	3.74	4.07	3.6	3.59	0.99
5.13	4.66	4.13	3.52	2.78	1.98	1.21	0.61	0.23	0	1.91	2.44	3.75	4.05	3.6	3.59	0.98
5.12	4.66	4.13	3.52	2.79	1.99	1.21	0.62	0.23	0	1.79	2.56	3.75	4.16	3.61	3.6	0.98
5.13	4.66	4.14	3.53	2.8	2	1.22	0.62	0.23	0	1.96	2.5	3.75	4.17	3.62	3.62	0.98
5.13	4.67	4.14	3.53	2.8	2	1.23	0.63	0.23	0	2.08	2.23	3.74	4.13	3.61	3.63	0.98
5.13	4.67	4.15	3.54	2.81	2.01	1.24	0.63	0.23	0	1.92	2.12	3.73	4.08	3.61	3.59	0.98
5.14	4.68	4.16	3.55	2.82	2.03	1.25	0.64	0.23	0	1.55	2.3	3.72	4.03	3.6	3.58	0.98
5.15	4.68	4.16	3.56	2.84	2.04	1.26	0.64	0.24	0	1.77	2.4	3.73	4.03	3.59	3.58	0.98
5.16	4.69	4.17	3.57	2.85	2.05	1.27	0.65	0.24	0	1.76	2.31	3.74	4.13	3.59	3.55	0.98
5.17	4.7	4.18	3.58	2.86	2.07	1.28	0.66	0.24	0	1.91	2.23	3.76	4.2	3.62	3.6	0.98
5.18	4.71	4.19	3.6	2.88	2.08	1.3	0.67	0.24	0	1.63	1.9	3.78	4.24	3.61	3.63	0.98
5.19	4.73	4.21	3.61	2.9	2.1	1.31	0.68	0.25	0	1.9	2.42	3.77	4.21	3.61	3.61	0.98
5.2	4.73	4.22	3.62	2.91	2.12	1.33	0.68	0.25	0	1.67	2.39	3.77	4.18	3.61	3.64	0.98
5.21	4.75	4.23	3.64	2.93	2.13	1.34	0.69	0.26	0	1.59	2.46	3.74	4.13	3.62	3.61	0.98
5.22	4.76	4.24	3.65	2.94	2.15	1.35	0.7	0.26	0	1.96	2.34	3.75	4.08	3.63	3.59	0.99
5.23	4.76	4.25	3.66	2.96	2.17	1.37	0.71	0.26	0	1.84	2.38	3.75	4.07	3.59	3.56	0.99
5.24	4.77	4.26	3.67	2.97	2.18	1.38	0.72	0.27	0	1.54	2.36	3.74	4.08	3.6	3.58	0.99
5.24	4.78	4.26	3.68	2.99	2.2	1.39	0.73	0.28	0	1.81	2.52	3.76	4.09	3.61	3.59	0.99
5.24	4.78	4.27	3.69	3	2.21	1.4	0.74	0.28	0	1.98	2.43	3.75	4.16	3.63	3.58	0.99
5.25	4.78	4.27	3.7	3.01	2.22	1.41	0.75	0.29	0	1.94	2.2	3.76	4.13	3.63	3.58	1
5.25	4.78	4.27	3.7	3.02	2.23	1.42	0.76	0.29	0	1.81	2.32	3.76	4.04	3.62	3.57	1
5.25	4.79	4.28	3.71	3.03	2.24	1.43	0.77	0.3	0	1.89	2.44	3.75	3.97	3.61	3.58	1
5.26	4.79	4.28	3.71	3.04	2.25	1.44	0.77	0.3	0	2.09	2.46	3.75	3.92	3.61	3.57	1
5.26	4.79	4.28	3.72	3.04	2.25	1.45	0.78	0.3	0	1.99	2.42	3.74	3.9	3.59	3.56	1
5.27	4.8	4.29	3.72	3.05	2.26	1.45	0.78	0.3	0	1.77	2.49	3.74	3.93	3.58	3.59	1
5.27	4.8	4.29	3.72	3.05	2.26	1.46	0.79	0.31	0	1.62	2.3	3.75	3.99	3.61	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.27	4.8	4.29	3.72	3.05	2.26	1.47	0.79	0.31	0	2.11	2.17	3.75	4.03	3.62	3.59	1
5.28	4.8	4.29	3.72	3.05	2.27	1.47	0.8	0.31	0	2.21	2.04	3.77	4.03	3.63	3.58	1
5.27	4.8	4.29	3.72	3.05	2.27	1.48	0.8	0.31	0	1.93	2.12	3.76	4	3.6	3.57	1
5.27	4.8	4.29	3.72	3.05	2.28	1.49	0.81	0.31	0	1.83	2.46	3.76	3.91	3.6	3.58	1
5.27	4.8	4.29	3.72	3.05	2.28	1.49	0.81	0.32	0	1.56	2.49	3.74	3.87	3.6	3.59	1
5.26	4.79	4.28	3.72	3.05	2.29	1.5	0.82	0.32	0	2	2.54	3.74	3.81	3.61	3.57	1
5.26	4.79	4.28	3.72	3.05	2.3	1.51	0.83	0.32	0	2.05	2.51	3.73	3.78	3.62	3.55	1
5.25	4.79	4.28	3.72	3.05	2.3	1.51	0.83	0.32	0	1.99	2.39	3.74	3.78	3.61	3.56	1
5.25	4.78	4.28	3.71	3.06	2.31	1.52	0.84	0.33	0	1.81	2.4	3.74	3.89	3.61	3.6	1
5.25	4.78	4.27	3.71	3.06	2.32	1.53	0.85	0.33	0	2.09	2.45	3.75	3.98	3.62	3.58	1
5.24	4.77	4.27	3.71	3.07	2.32	1.54	0.85	0.34	0	2.18	2.35	3.76	4.01	3.63	3.6	1
5.23	4.77	4.27	3.71	3.07	2.33	1.55	0.86	0.34	0	2.08	2.27	3.75	3.93	3.63	3.59	1
5.23	4.76	4.26	3.71	3.08	2.34	1.56	0.87	0.35	0	1.62	2.26	3.75	3.85	3.6	3.56	0.99
5.22	4.76	4.26	3.71	3.08	2.35	1.57	0.88	0.35	0	1.99	2.38	3.75	3.78	3.6	3.59	0.99
5.22	4.75	4.26	3.71	3.08	2.36	1.58	0.89	0.36	0	2.14	2.47	3.75	3.77	3.61	3.58	0.99
5.21	4.75	4.25	3.71	3.09	2.36	1.59	0.9	0.36	0	2.13	2.23	3.74	3.78	3.62	3.57	0.99
5.21	4.74	4.25	3.71	3.09	2.37	1.6	0.91	0.37	0	1.85	2.27	3.74	3.8	3.62	3.6	0.99
5.21	4.74	4.25	3.71	3.09	2.38	1.61	0.91	0.37	0	2	2.31	3.76	3.81	3.61	3.58	0.99
5.22	4.75	4.25	3.71	3.09	2.38	1.62	0.92	0.38	0	1.97	2.3	3.76	3.85	3.61	3.59	0.99
5.22	4.75	4.25	3.71	3.09	2.39	1.63	0.93	0.38	0	1.48	2.32	3.74	3.86	3.62	3.59	0.99
5.22	4.75	4.25	3.71	3.1	2.39	1.64	0.94	0.39	0	1.51	2.2	3.73	3.8	3.63	3.59	0.99
5.22	4.75	4.25	3.71	3.1	2.4	1.65	0.94	0.39	0	1.67	2.15	3.74	3.82	3.61	3.57	1
5.22	4.75	4.25	3.71	3.1	2.41	1.65	0.95	0.4	0	1.61	2.22	3.74	3.86	3.61	3.58	1
5.22	4.75	4.25	3.71	3.11	2.41	1.66	0.96	0.4	0	1.47	2.36	3.74	3.86	3.62	3.58	1
5.22	4.75	4.25	3.71	3.11	2.42	1.67	0.97	0.41	0	1.01	2.14	3.75	3.87	3.62	3.57	1
5.22	4.75	4.25	3.71	3.11	2.43	1.68	0.98	0.41	0	1.49	2.09	3.75	3.88	3.62	3.57	1
5.22	4.75	4.25	3.71	3.12	2.44	1.69	0.99	0.42	0	1.76	2.08	3.74	3.89	3.62	3.58	1
5.23	4.75	4.25	3.71	3.13	2.44	1.7	1	0.42	0	1.95	2.34	3.74	3.92	3.62	3.58	1
5.23	4.76	4.25	3.72	3.13	2.45	1.71	1.01	0.43	0	1.88	2.47	3.75	3.93	3.61	3.57	1
5.23	4.76	4.26	3.72	3.14	2.46	1.72	1.02	0.44	0	1.8	2.37	3.76	3.93	3.63	3.58	1.01
5.23	4.77	4.26	3.73	3.15	2.47	1.73	1.03	0.45	0	1.76	2.45	3.76	3.97	3.63	3.59	1.01
5.24	4.77	4.27	3.73	3.16	2.49	1.74	1.04	0.46	0	1.95	2.52	3.76	3.96	3.62	3.6	1.01
5.24	4.77	4.27	3.74	3.17	2.5	1.76	1.05	0.47	0	1.53	2.31	3.74	3.92	3.62	3.56	1.01
5.24	4.78	4.28	3.75	3.18	2.51	1.77	1.07	0.48	0	1.84	2.51	3.74	3.87	3.61	3.56	1.01
5.25	4.78	4.28	3.76	3.18	2.52	1.78	1.08	0.49	0	1.73	2.41	3.74	3.88	3.62	3.57	1.01
5.25	4.79	4.29	3.76	3.19	2.53	1.79	1.09	0.5	0	1.57	2.3	3.74	3.88	3.63	3.58	1.01
5.25	4.79	4.29	3.77	3.2	2.54	1.8	1.1	0.51	0	1.72	2.57	3.76	3.95	3.62	3.57	1.01
5.25	4.79	4.3	3.77	3.2	2.54	1.81	1.11	0.52	0	2.22	2.53	3.75	3.98	3.63	3.59	1.01
5.25	4.79	4.3	3.78	3.21	2.55	1.81	1.11	0.52	0	1.99	2.5	3.75	3.98	3.63	3.58	1.01
5.25	4.79	4.29	3.78	3.21	2.55	1.82	1.12	0.53	0	2.02	2.32	3.73	3.98	3.62	3.59	1
5.24	4.78	4.29	3.77	3.2	2.54	1.82	1.12	0.53	0	1.9	2.28	3.75	3.99	3.6	3.59	1
5.23	4.77	4.28	3.77	3.2	2.54	1.81	1.12	0.53	0	2.14	2.26	3.75	4	3.61	3.58	1
5.22	4.76	4.28	3.76	3.19	2.54	1.81	1.11	0.53	0	2.04	2.49	3.75	3.98	3.61	3.58	1
5.21	4.75	4.27	3.76	3.19	2.53	1.8	1.11	0.52	0	1.3	2.48	3.74	3.99	3.62	3.59	1
5.2	4.74	4.26	3.75	3.18	2.52	1.8	1.11	0.52	0	1.72	2.17	3.75	3.94	3.62	3.58	1
5.18	4.73	4.25	3.74	3.17	2.51	1.79	1.1	0.52	0	1.97	2.05	3.75	3.96	3.62	3.59	1
5.17	4.72	4.24	3.73	3.16	2.51	1.78	1.09	0.51	0	1.84	2.22	3.75	3.98	3.64	3.57	1
5.17	4.71	4.23	3.72	3.15	2.5	1.78	1.09	0.51	0	1.35	2.25	3.76	4.04	3.62	3.58	1
5.16	4.7	4.22	3.71	3.14	2.49	1.77	1.08	0.51	0	1.91	2.36	3.76	4.05	3.63	3.58	1
5.14	4.69	4.21	3.7	3.13	2.48	1.76	1.08	0.5	0	1.68	2.33	3.76	4.04	3.62	3.59	1
5.13	4.68	4.19	3.68	3.12	2.47	1.76	1.07	0.5	0	1.75	2.18	3.74	3.99	3.62	3.6	1
5.12	4.67	4.18	3.67	3.11	2.46	1.75	1.07	0.5	0	1.71	2.39	3.74	3.99	3.63	3.56	1
5.11	4.65	4.17	3.66	3.1	2.45	1.74	1.07	0.5	0	1.91	2.45	3.74	3.96	3.6	3.59	1
5.09	4.64	4.16	3.65	3.09	2.45	1.74	1.07	0.5	0	1.51	2.39	3.74	3.95	3.59	3.58	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.08	4.63	4.15	3.64	3.09	2.44	1.73	1.07	0.5	0	1.71	2.21	3.75	3.95	3.62	3.58	1
5.07	4.62	4.14	3.63	3.08	2.44	1.73	1.07	0.5	0	1.44	2.24	3.74	3.93	3.63	3.57	1
5.06	4.61	4.13	3.62	3.07	2.44	1.73	1.07	0.5	0	1.56	2.22	3.75	3.95	3.62	3.56	1
5.04	4.59	4.12	3.61	3.07	2.43	1.73	1.07	0.5	0	1.79	2.11	3.75	4	3.63	3.59	1
5.02	4.58	4.1	3.6	3.06	2.43	1.73	1.07	0.5	0	1.68	2.14	3.75	4.01	3.63	3.58	1.01
5	4.56	4.09	3.59	3.05	2.42	1.73	1.06	0.5	0	1.54	2.23	3.75	4	3.63	3.58	1.01
4.98	4.54	4.07	3.57	3.04	2.41	1.72	1.06	0.5	0	1.64	2.48	3.76	4.02	3.62	3.58	1.01
4.95	4.52	4.05	3.56	3.03	2.4	1.72	1.06	0.5	0	1.86	2.62	3.76	4.01	3.63	3.57	1.01
4.93	4.49	4.03	3.54	3.01	2.39	1.71	1.06	0.5	0	1.9	2.61	3.75	3.99	3.63	3.59	1.01
4.9	4.47	4.01	3.52	3	2.38	1.71	1.06	0.5	0	1.76	2.44	3.74	3.98	3.62	3.58	1.01
4.88	4.45	3.99	3.5	2.98	2.37	1.7	1.05	0.5	0	1.45	2.29	3.75	3.99	3.63	3.58	1.01
4.86	4.43	3.97	3.49	2.96	2.36	1.69	1.05	0.5	0	1.81	2.29	3.76	4.02	3.63	3.57	1.02
4.84	4.41	3.96	3.47	2.95	2.35	1.69	1.05	0.49	0	1.73	2.38	3.75	4.03	3.62	3.6	1.02
4.81	4.39	3.94	3.46	2.93	2.34	1.68	1.05	0.49	0	1.77	2.31	3.77	4.04	3.63	3.59	1.02
4.79	4.37	3.92	3.44	2.92	2.33	1.67	1.04	0.49	0	1.79	2.36	3.75	4.02	3.63	3.6	1.02
4.77	4.35	3.9	3.42	2.9	2.32	1.67	1.04	0.49	0	1.58	2.29	3.74	3.98	3.61	3.59	1.02
4.75	4.33	3.88	3.41	2.89	2.3	1.66	1.03	0.48	0	1.59	2.4	3.74	3.96	3.6	3.6	1.02
4.74	4.31	3.87	3.39	2.87	2.29	1.65	1.03	0.48	0	1.58	2.47	3.75	3.96	3.63	3.59	1.02
4.72	4.3	3.85	3.38	2.86	2.28	1.65	1.02	0.47	0	1.86	2.24	3.76	3.95	3.62	3.59	1.02
4.7	4.28	3.83	3.36	2.85	2.27	1.64	1.02	0.47	0	1.54	2.27	3.76	3.96	3.61	3.59	1.02
4.69	4.27	3.82	3.35	2.84	2.27	1.64	1.02	0.47	0	1.94	2.47	3.77	3.97	3.64	3.58	1.02
4.68	4.26	3.81	3.34	2.84	2.26	1.64	1.02	0.47	0	1.75	2.49	3.76	3.93	3.61	3.58	1.02
4.68	4.25	3.8	3.34	2.83	2.26	1.64	1.02	0.47	0	1.69	2.46	3.75	3.95	3.63	3.59	1.02
4.67	4.25	3.8	3.33	2.83	2.27	1.64	1.03	0.47	0	1.72	2.31	3.76	3.95	3.62	3.58	1.02
4.67	4.25	3.8	3.33	2.83	2.27	1.65	1.03	0.47	0	1.74	2.32	3.75	3.93	3.62	3.59	1.02
4.67	4.25	3.79	3.33	2.83	2.27	1.66	1.04	0.48	0	1.49	2.36	3.75	3.97	3.61	3.58	1.02
4.68	4.25	3.8	3.33	2.83	2.28	1.67	1.05	0.48	0	1.79	2.36	3.78	3.98	3.6	3.57	1.02
4.68	4.25	3.8	3.33	2.84	2.29	1.68	1.06	0.49	0	1.58	2.26	3.75	4.01	3.62	3.58	1.01
4.69	4.26	3.81	3.34	2.84	2.29	1.68	1.07	0.5	0	1.48	2.39	3.75	4	3.63	3.58	1.01
4.7	4.26	3.81	3.34	2.84	2.3	1.69	1.07	0.5	0	1.74	2.3	3.75	3.99	3.62	3.59	1.01
4.7	4.27	3.81	3.34	2.84	2.3	1.7	1.08	0.51	0	1.79	1.87	3.75	3.99	3.61	3.57	1.01
4.71	4.28	3.82	3.35	2.84	2.3	1.71	1.09	0.51	0	1.47	2.06	3.75	3.99	3.61	3.57	1.01
4.72	4.28	3.83	3.35	2.84	2.31	1.71	1.1	0.52	0	1.72	2.34	3.74	4	3.63	3.59	1.01
4.73	4.29	3.83	3.35	2.85	2.31	1.72	1.1	0.52	0	1.84	2.41	3.74	4	3.61	3.61	1.01
4.74	4.3	3.84	3.36	2.85	2.31	1.72	1.1	0.52	0	1.85	2.3	3.75	4.03	3.61	3.61	1.02
4.75	4.3	3.84	3.36	2.85	2.32	1.72	1.11	0.52	0	1.69	2.18	3.76	4.04	3.64	3.59	1.02
4.76	4.32	3.85	3.36	2.85	2.32	1.72	1.11	0.52	0	1.69	2.38	3.75	4.01	3.61	3.59	1.02
4.77	4.32	3.85	3.36	2.85	2.31	1.72	1.11	0.52	0	1.48	2.46	3.75	3.99	3.62	3.59	1.02
4.78	4.33	3.85	3.36	2.85	2.31	1.72	1.11	0.52	0	1.82	2.44	3.75	3.95	3.63	3.59	1.02
4.79	4.33	3.86	3.36	2.84	2.31	1.72	1.1	0.52	0	1.63	2.29	3.75	3.98	3.64	3.58	1.02
4.79	4.34	3.86	3.36	2.84	2.31	1.72	1.1	0.52	0	1.86	1.85	3.75	4	3.61	3.56	1.02
4.8	4.35	3.87	3.36	2.85	2.31	1.72	1.11	0.52	0	1.93	1.34	3.75	4.05	3.61	3.58	1.02
4.82	4.36	3.88	3.37	2.85	2.32	1.73	1.11	0.53	0	1.72	2.34	3.75	4.04	3.63	3.59	1.02
4.83	4.37	3.89	3.38	2.86	2.33	1.74	1.12	0.54	0	1.26	2.45	3.75	3.99	3.62	3.56	1.02
4.85	4.39	3.91	3.4	2.88	2.34	1.75	1.13	0.55	0	1.9	2.46	3.76	3.98	3.64	3.56	1.02
4.87	4.42	3.93	3.42	2.9	2.36	1.77	1.15	0.56	0	1.86	2.36	3.76	3.96	3.62	3.57	1.02
4.9	4.44	3.95	3.44	2.92	2.38	1.79	1.17	0.58	0	1.95	2.47	3.74	3.98	3.64	3.58	1.02
4.92	4.46	3.97	3.46	2.94	2.4	1.8	1.18	0.6	0	1.48	2.39	3.76	4.06	3.63	3.58	1.02
4.94	4.47	3.99	3.47	2.96	2.41	1.82	1.2	0.61	0	2	2.29	3.77	4.02	3.61	3.57	1.02
4.96	4.49	4	3.49	2.97	2.43	1.83	1.22	0.62	0	1.98	2.3	3.76	4.05	3.61	3.6	1.02
4.97	4.5	4.02	3.51	2.99	2.44	1.84	1.23	0.64	0	1.7	2.31	3.75	4.02	3.61	3.59	1.02
4.98	4.51	4.03	3.52	3	2.45	1.85	1.24	0.64	0	1.35	2.29	3.74	3.98	3.61	3.57	1.02
4.99	4.52	4.04	3.53	3.01	2.46	1.86	1.24	0.65	0	1.9	2.43	3.76	4	3.62	3.6	1.02
4.99	4.53	4.04	3.53	3.01	2.46	1.87	1.25	0.65	0	1.61	2.48	3.74	3.97	3.62	3.59	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5	4.53	4.04	3.54	3.02	2.46	1.87	1.25	0.65	0	1.91	2.25	3.75	3.94	3.62	3.59	1.02
5	4.53	4.05	3.54	3.02	2.46	1.87	1.25	0.65	0	1.81	2.39	3.76	3.94	3.61	3.61	1.02
5	4.53	4.05	3.54	3.02	2.46	1.87	1.25	0.65	0	1.81	2.34	3.76	4.01	3.62	3.57	1.02
5	4.53	4.04	3.53	3.01	2.46	1.86	1.25	0.65	0	1.66	2.34	3.78	4.02	3.64	3.58	1.02
4.99	4.53	4.04	3.53	3.01	2.45	1.86	1.24	0.64	0	1.67	2.07	3.75	4	3.64	3.6	1.02
4.98	4.52	4.03	3.52	3	2.45	1.85	1.24	0.64	0	1.57	2.42	3.75	3.94	3.64	3.6	1.02
4.98	4.51	4.03	3.52	2.99	2.44	1.85	1.23	0.63	0	1.3	2.5	3.75	3.94	3.64	3.59	1.02
4.97	4.51	4.02	3.51	2.99	2.44	1.85	1.23	0.63	0	1.88	2.35	3.75	3.95	3.62	3.57	1.02
4.96	4.5	4.02	3.51	2.98	2.43	1.84	1.23	0.63	0	1.72	2.4	3.74	3.96	3.63	3.57	1.02
4.95	4.49	4.01	3.5	2.97	2.43	1.84	1.22	0.62	0	1.91	2.41	3.74	3.93	3.62	3.58	1.02
4.94	4.49	4	3.49	2.97	2.43	1.83	1.22	0.62	0	1.56	2.44	3.74	3.88	3.61	3.57	1.02
4.94	4.48	4	3.49	2.96	2.42	1.83	1.22	0.62	0	0.93	2.5	3.75	3.92	3.61	3.58	1.02
4.93	4.47	3.99	3.48	2.96	2.42	1.83	1.22	0.62	0	1.42	2.47	3.75	3.91	3.63	3.59	1.02
4.93	4.47	3.99	3.48	2.95	2.41	1.83	1.22	0.62	0	1.84	2.4	3.75	3.92	3.59	3.6	1.02
4.92	4.46	3.98	3.47	2.95	2.41	1.83	1.21	0.61	0	1.56	2.35	3.75	3.96	3.62	3.58	1.02
4.91	4.45	3.97	3.46	2.94	2.41	1.82	1.21	0.61	0	1.99	2.39	3.76	4.02	3.63	3.6	1.02
4.9	4.44	3.96	3.46	2.93	2.4	1.82	1.21	0.61	0	2.14	2.34	3.76	4.02	3.64	3.59	1.02
4.89	4.43	3.95	3.44	2.93	2.39	1.81	1.2	0.6	0	1.81	2.49	3.74	3.99	3.62	3.6	1.02
4.87	4.42	3.94	3.43	2.92	2.38	1.8	1.2	0.6	0	1.56	2.56	3.75	3.9	3.62	3.58	1.02
4.86	4.4	3.92	3.42	2.91	2.37	1.79	1.19	0.59	0	1.96	2.42	3.74	3.81	3.64	3.57	1.02
4.84	4.39	3.91	3.41	2.89	2.36	1.78	1.18	0.58	0	2.24	2.37	3.75	3.8	3.61	3.58	1.02
4.83	4.37	3.89	3.39	2.88	2.35	1.77	1.17	0.57	0	2.1	2.22	3.74	3.82	3.63	3.57	1.02
4.81	4.36	3.88	3.38	2.87	2.34	1.76	1.16	0.56	0	1.35	2.25	3.75	3.87	3.61	3.6	1.03
4.8	4.34	3.86	3.36	2.86	2.33	1.75	1.14	0.54	0	1.85	2.33	3.76	3.96	3.61	3.59	1.03
4.78	4.33	3.85	3.35	2.85	2.31	1.74	1.13	0.53	0	2.15	2.46	3.75	4	3.63	3.57	1.03
4.77	4.32	3.84	3.34	2.84	2.3	1.73	1.12	0.52	0	2.13	2.3	3.75	3.99	3.61	3.6	1.03
4.76	4.31	3.83	3.33	2.83	2.29	1.72	1.11	0.51	0	1.51	2.01	3.74	3.92	3.61	3.58	1.03
4.75	4.3	3.82	3.33	2.82	2.29	1.71	1.1	0.5	0	1.97	2.24	3.75	3.82	3.6	3.58	1.03
4.74	4.3	3.82	3.32	2.82	2.28	1.7	1.09	0.49	0	2.2	2.24	3.73	3.8	3.59	3.59	1.03
4.74	4.3	3.82	3.33	2.82	2.28	1.7	1.08	0.48	0	2.16	2.32	3.75	3.82	3.6	3.59	1.03
4.74	4.3	3.83	3.33	2.82	2.28	1.7	1.08	0.47	0	1.88	2.13	3.75	3.91	3.62	3.56	1.03
4.75	4.3	3.83	3.33	2.82	2.28	1.7	1.07	0.46	0	2.07	2.18	3.75	3.94	3.63	3.59	1.03
4.76	4.31	3.84	3.34	2.83	2.29	1.7	1.07	0.46	0	1.98	2.1	3.77	4.02	3.64	3.59	1.03
4.77	4.32	3.85	3.35	2.84	2.3	1.71	1.07	0.46	0	1.68	2.38	3.76	3.98	3.63	3.57	1.03
4.78	4.33	3.86	3.37	2.85	2.31	1.71	1.08	0.46	0	1.7	2.44	3.76	3.99	3.63	3.58	1.03
4.79	4.35	3.88	3.38	2.87	2.32	1.72	1.08	0.46	0	1.69	2.54	3.75	3.94	3.64	3.58	1.03
4.81	4.36	3.89	3.4	2.88	2.33	1.73	1.09	0.46	0	1.81	2.57	3.75	3.92	3.59	3.6	1.03
4.83	4.38	3.91	3.42	2.9	2.35	1.75	1.1	0.47	0	1.38	2.38	3.75	3.96	3.62	3.59	1.03
4.84	4.4	3.93	3.44	2.92	2.37	1.76	1.11	0.47	0	1.81	2.36	3.76	4.02	3.62	3.59	1.03
4.86	4.42	3.95	3.46	2.94	2.38	1.77	1.12	0.48	0	2.14	2.06	3.77	4.08	3.61	3.61	1.03
4.88	4.44	3.97	3.48	2.96	2.4	1.78	1.12	0.49	0	1.66	2.05	3.76	4.09	3.63	3.59	1.03
4.91	4.46	3.99	3.5	2.97	2.42	1.8	1.13	0.49	0	2.24	2.31	3.75	4.04	3.61	3.6	1.03
4.93	4.48	4.02	3.52	2.99	2.43	1.81	1.14	0.5	0	2.26	2.39	3.75	3.96	3.61	3.58	1.03
4.95	4.51	4.04	3.54	3.01	2.45	1.83	1.16	0.51	0	2.04	2.41	3.75	3.93	3.6	3.57	1.02
4.98	4.53	4.06	3.56	3.04	2.47	1.84	1.17	0.52	0	2.03	2.3	3.75	3.92	3.61	3.56	1.02
5.01	4.56	4.09	3.59	3.06	2.49	1.86	1.18	0.53	0	1.86	2.36	3.74	3.98	3.62	3.56	1.02
5.03	4.59	4.11	3.61	3.08	2.51	1.87	1.19	0.55	0	1.91	2.26	3.76	4.05	3.62	3.59	1.02
5.06	4.61	4.14	3.63	3.11	2.53	1.89	1.21	0.56	0	1.91	2.03	3.76	4.1	3.64	3.62	1.02
5.08	4.64	4.16	3.66	3.13	2.55	1.9	1.22	0.57	0	1.99	2.19	3.78	4.14	3.63	3.61	1.02
5.1	4.66	4.18	3.68	3.15	2.56	1.91	1.22	0.57	0	1.46	2.45	3.75	4.14	3.61	3.59	1.02
5.13	4.68	4.2	3.7	3.17	2.58	1.92	1.23	0.58	0	1.89	2.42	3.74	4.06	3.61	3.6	1.02
5.15	4.71	4.22	3.72	3.18	2.59	1.92	1.23	0.58	0	2.02	2.44	3.74	4.04	3.62	3.62	1.02
5.17	4.73	4.24	3.74	3.2	2.6	1.92	1.23	0.57	0	1.95	2.32	3.75	4.06	3.6	3.61	1.02
5.19	4.75	4.26	3.75	3.21	2.6	1.92	1.22	0.57	0	2.07	2.08	3.74	4.03	3.63	3.58	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.21	4.76	4.28	3.76	3.22	2.6	1.92	1.22	0.56	0	1.95	2.48	3.74	3.96	3.62	3.57	1.02
5.23	4.78	4.29	3.77	3.22	2.6	1.92	1.21	0.56	0	1.79	2.55	3.75	4.03	3.62	3.59	1.02
5.24	4.79	4.3	3.78	3.23	2.6	1.91	1.2	0.55	0	1.84	2.53	3.77	4.05	3.62	3.58	1.02
5.24	4.79	4.31	3.79	3.23	2.6	1.9	1.19	0.54	0	2	2.37	3.78	4.09	3.61	3.57	1.02
5.25	4.8	4.31	3.79	3.23	2.6	1.89	1.18	0.54	0	2.05	2.43	3.78	4.16	3.63	3.58	1.02
5.25	4.8	4.32	3.8	3.24	2.6	1.89	1.17	0.53	0	1.94	2.5	3.78	4.11	3.63	3.61	1.02
5.25	4.81	4.33	3.81	3.25	2.6	1.88	1.16	0.53	0	2.04	2.51	3.77	4.09	3.61	3.59	1.02
5.26	4.82	4.34	3.83	3.26	2.6	1.88	1.16	0.52	0	1.94	2.37	3.75	3.99	3.61	3.58	1.02
5.27	4.83	4.35	3.84	3.27	2.61	1.88	1.15	0.52	0	2.09	2.24	3.74	3.93	3.6	3.59	1.03
5.29	4.85	4.37	3.86	3.28	2.61	1.87	1.15	0.52	0	2.13	2.12	3.74	3.93	3.61	3.56	1.03
5.31	4.87	4.39	3.87	3.3	2.62	1.87	1.15	0.52	0	2.08	2.28	3.74	4	3.62	3.58	1.02
5.33	4.89	4.41	3.89	3.31	2.63	1.87	1.14	0.52	0	2.07	2.33	3.75	4.05	3.61	3.59	1.02
5.35	4.91	4.43	3.9	3.32	2.63	1.87	1.14	0.51	0	2.27	2.02	3.77	4.08	3.64	3.6	1.02
5.37	4.93	4.44	3.92	3.33	2.63	1.87	1.14	0.51	0	2.29	2.11	3.77	4.09	3.62	3.61	1.02
5.38	4.94	4.46	3.93	3.33	2.64	1.87	1.14	0.51	0	2.01	2.32	3.77	4.1	3.62	3.59	1.02
5.39	4.95	4.47	3.94	3.34	2.64	1.87	1.13	0.5	0	2.02	2.25	3.77	4.04	3.63	3.58	1.02
5.4	4.96	4.47	3.94	3.34	2.64	1.87	1.12	0.5	0	1.87	2.24	3.75	3.95	3.62	3.59	1.02
5.41	4.96	4.48	3.95	3.34	2.64	1.86	1.12	0.49	0	2.07	2.31	3.73	3.83	3.63	3.59	1.02
5.41	4.97	4.49	3.95	3.34	2.63	1.85	1.11	0.48	0	2.31	2.27	3.74	3.79	3.61	3.58	1.02
5.42	4.97	4.49	3.96	3.34	2.63	1.84	1.09	0.47	0	2.15	2.25	3.73	3.83	3.62	3.57	1.02
5.42	4.98	4.49	3.96	3.34	2.62	1.83	1.08	0.46	0	1.49	2.19	3.74	3.9	3.62	3.57	1.02
5.43	4.98	4.5	3.96	3.34	2.61	1.82	1.07	0.45	0	2.08	2.29	3.74	3.97	3.62	3.59	1.02
5.44	4.99	4.5	3.96	3.33	2.6	1.81	1.06	0.45	0	1.86	2.21	3.74	3.98	3.62	3.58	1.02
5.45	5	4.51	3.96	3.33	2.6	1.8	1.05	0.44	0	2.03	2.22	3.76	4	3.61	3.58	1.02
5.46	5	4.52	3.97	3.33	2.59	1.79	1.04	0.43	0	1.77	2.46	3.76	3.95	3.63	3.58	1.02
5.46	5.01	4.52	3.97	3.33	2.59	1.78	1.03	0.43	0	1.68	2.26	3.74	3.87	3.64	3.6	1.01
5.47	5.02	4.53	3.98	3.34	2.58	1.77	1.02	0.42	0	2.05	2.27	3.75	3.83	3.64	3.57	1.01
5.48	5.03	4.54	3.99	3.34	2.58	1.77	1.02	0.42	0	2.03	2.15	3.75	3.84	3.63	3.56	1.01
5.49	5.04	4.55	3.99	3.34	2.57	1.76	1.01	0.41	0	1.84	2.3	3.74	3.87	3.62	3.58	1.01
5.51	5.05	4.56	4	3.34	2.57	1.75	1	0.41	0	1.92	2.44	3.75	3.9	3.62	3.58	1.01
5.52	5.07	4.57	4.01	3.34	2.56	1.74	0.99	0.4	0	1.73	2.36	3.75	3.9	3.62	3.58	1.01
5.53	5.08	4.58	4.02	3.34	2.56	1.74	0.99	0.4	0	1.8	2.22	3.75	3.86	3.61	3.59	1.01
5.55	5.09	4.6	4.02	3.35	2.56	1.73	0.98	0.4	0	1.83	2.15	3.75	3.9	3.62	3.58	1.01
5.57	5.11	4.61	4.03	3.35	2.56	1.72	0.98	0.4	0	1.8	2.41	3.75	3.91	3.63	3.59	1
5.58	5.12	4.62	4.04	3.35	2.56	1.72	0.97	0.39	0	1.67	2.35	3.75	3.95	3.61	3.57	1
5.6	5.14	4.63	4.05	3.36	2.56	1.72	0.97	0.39	0	1.53	2.32	3.75	3.97	3.63	3.56	1
5.62	5.15	4.65	4.06	3.37	2.56	1.72	0.97	0.39	0	1.51	2.37	3.74	3.96	3.6	3.56	1.01
5.64	5.17	4.66	4.08	3.37	2.56	1.72	0.97	0.39	0	1.69	2.4	3.76	4	3.61	3.58	1.01
5.66	5.19	4.68	4.09	3.38	2.56	1.72	0.97	0.39	0	1.82	2.36	3.76	4.01	3.63	3.59	1.01
5.68	5.21	4.7	4.1	3.39	2.57	1.72	0.96	0.39	0	2.04	2.33	3.76	4.01	3.64	3.6	1.01
5.7	5.23	4.71	4.11	3.39	2.57	1.71	0.96	0.38	0	1.77	2.4	3.76	3.99	3.62	3.58	1.01
5.71	5.24	4.72	4.12	3.4	2.57	1.71	0.96	0.38	0	2.05	2.44	3.76	3.94	3.64	3.59	1.01
5.73	5.25	4.73	4.13	3.4	2.57	1.71	0.96	0.38	0	1.94	2.48	3.75	3.91	3.63	3.56	1.01
5.73	5.25	4.73	4.13	3.4	2.57	1.71	0.95	0.38	0	2.12	2.34	3.73	3.94	3.62	3.58	1.02
5.73	5.25	4.74	4.13	3.41	2.57	1.7	0.95	0.38	0	1.76	2.33	3.76	4.03	3.63	3.59	1.02
5.73	5.25	4.74	4.14	3.41	2.57	1.7	0.95	0.37	0	2.14	2.31	3.76	4.02	3.62	3.59	1.02
5.72	5.25	4.73	4.14	3.41	2.57	1.7	0.95	0.37	0	2.06	2.22	3.74	3.99	3.6	3.6	1.02
5.72	5.25	4.73	4.14	3.41	2.57	1.7	0.95	0.37	0	1.88	2.31	3.76	3.94	3.62	3.57	1.02
5.72	5.25	4.73	4.14	3.42	2.57	1.7	0.95	0.38	0	1.97	2.45	3.74	3.86	3.62	3.58	1.02
5.72	5.25	4.73	4.14	3.42	2.57	1.7	0.95	0.38	0	2.09	2.36	3.75	3.86	3.62	3.58	1.02
5.73	5.25	4.74	4.14	3.42	2.57	1.7	0.95	0.38	0	1.98	2.27	3.75	3.87	3.6	3.59	1.02
5.73	5.26	4.74	4.15	3.42	2.57	1.7	0.95	0.38	0	1.84	2.29	3.75	3.93	3.62	3.58	1.02
5.74	5.26	4.75	4.15	3.42	2.58	1.71	0.95	0.39	0	1.83	2.19	3.75	3.97	3.63	3.59	1.02
5.74	5.27	4.75	4.15	3.42	2.58	1.71	0.96	0.39	0	1.98	2.17	3.76	4	3.64	3.58	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.74	5.27	4.75	4.15	3.43	2.58	1.72	0.97	0.4	0	1.83	2.46	3.76	3.99	3.65	3.58	1.02
5.74	5.27	4.76	4.16	3.43	2.59	1.72	0.97	0.41	0	2.22	2.31	3.76	4.01	3.65	3.59	1.02
5.74	5.27	4.76	4.16	3.44	2.6	1.73	0.98	0.41	0	1.67	2.2	3.75	3.98	3.64	3.59	1.02
5.73	5.27	4.76	4.16	3.44	2.6	1.74	0.99	0.42	0	2.02	2.18	3.75	3.89	3.63	3.59	1.02
5.72	5.26	4.75	4.16	3.44	2.61	1.75	1	0.42	0	2.01	2.4	3.75	3.84	3.61	3.57	1.01
5.71	5.26	4.75	4.16	3.44	2.61	1.75	1	0.43	0	2.07	2.32	3.75	3.83	3.63	3.58	1.01
5.71	5.25	4.74	4.15	3.45	2.62	1.76	1.01	0.43	0	1.54	2.34	3.74	3.9	3.63	3.58	1.01
5.7	5.25	4.74	4.15	3.45	2.62	1.77	1.01	0.43	0	1.84	2.52	3.76	3.93	3.63	3.58	1.01
5.69	5.24	4.74	4.15	3.45	2.63	1.77	1.02	0.44	0	1.8	2.34	3.76	4	3.63	3.59	1.01
5.69	5.23	4.73	4.15	3.45	2.63	1.78	1.02	0.44	0	1.91	2.28	3.76	4.01	3.62	3.58	1.01
5.68	5.23	4.72	4.14	3.45	2.64	1.78	1.03	0.44	0	1.79	2.21	3.76	4	3.61	3.58	1.01
5.67	5.22	4.72	4.14	3.46	2.65	1.79	1.03	0.45	0	1.74	2.37	3.76	4.01	3.63	3.57	1.01
5.66	5.21	4.71	4.14	3.46	2.65	1.8	1.04	0.45	0	1.87	2.35	3.75	4	3.62	3.59	1.01
5.66	5.2	4.71	4.14	3.46	2.65	1.8	1.04	0.45	0	2	2.42	3.75	3.99	3.61	3.57	1.01
5.65	5.2	4.7	4.14	3.46	2.66	1.8	1.04	0.45	0	1.81	2.51	3.75	3.99	3.6	3.55	1.01
5.65	5.2	4.7	4.14	3.46	2.66	1.8	1.04	0.45	0	1.88	2.46	3.75	4.05	3.61	3.58	1.01
5.65	5.2	4.7	4.14	3.46	2.65	1.8	1.04	0.45	0	1.77	2.55	3.77	4.07	3.63	3.61	1.01
5.65	5.2	4.7	4.14	3.46	2.65	1.8	1.04	0.45	0	1.96	2.46	3.76	4.04	3.62	3.6	1.01
5.66	5.2	4.7	4.14	3.46	2.65	1.8	1.04	0.45	0	1.85	2.3	3.75	3.96	3.61	3.59	1.01
5.67	5.21	4.71	4.13	3.46	2.65	1.8	1.04	0.45	0	1.86	2.39	3.75	3.99	3.62	3.6	1.01
5.68	5.22	4.71	4.13	3.45	2.65	1.8	1.04	0.45	0	1.96	2.35	3.75	4.04	3.61	3.58	1.01
5.69	5.23	4.71	4.13	3.45	2.65	1.8	1.03	0.45	0	1.86	2.4	3.77	4.07	3.61	3.59	1.01
5.69	5.23	4.72	4.13	3.45	2.64	1.8	1.03	0.45	0	1.66	2.45	3.78	4.08	3.63	3.57	1.01
5.69	5.23	4.72	4.14	3.45	2.64	1.8	1.03	0.45	0	1.57	2.36	3.75	4.05	3.61	3.56	1.01
5.69	5.23	4.72	4.13	3.45	2.64	1.8	1.03	0.45	0	1.59	2.22	3.76	4.02	3.64	3.57	1.01
5.69	5.23	4.72	4.14	3.45	2.64	1.8	1.03	0.45	0	1.46	2.26	3.75	3.95	3.62	3.58	1.01
5.69	5.23	4.72	4.14	3.45	2.65	1.8	1.03	0.45	0	1.96	2.34	3.75	3.91	3.61	3.58	1.01
5.68	5.22	4.71	4.14	3.46	2.65	1.8	1.03	0.45	0	1.64	2.28	3.75	3.93	3.6	3.57	1.01
5.68	5.22	4.71	4.14	3.46	2.66	1.8	1.04	0.45	0	1.52	2.32	3.75	3.94	3.61	3.57	1.01
5.67	5.21	4.7	4.14	3.46	2.66	1.81	1.04	0.45	0	1.99	2.44	3.74	3.97	3.63	3.57	1.01
5.66	5.2	4.7	4.14	3.47	2.66	1.81	1.04	0.45	0	1.89	2.41	3.75	4.01	3.63	3.58	1.01
5.65	5.2	4.7	4.13	3.47	2.66	1.81	1.04	0.45	0	1.58	2.42	3.75	3.99	3.6	3.57	1.01
5.64	5.18	4.69	4.13	3.46	2.66	1.81	1.04	0.45	0	1.94	2.52	3.74	3.99	3.62	3.56	1
5.63	5.18	4.68	4.13	3.46	2.66	1.81	1.04	0.45	0	2.22	2.27	3.76	4.04	3.62	3.59	1
5.62	5.16	4.67	4.12	3.46	2.66	1.81	1.04	0.46	0	1.96	2.39	3.76	4.01	3.62	3.59	1
5.61	5.15	4.66	4.11	3.45	2.66	1.81	1.04	0.46	0	1.91	2.3	3.76	4.01	3.62	3.59	0.99
5.6	5.14	4.65	4.1	3.44	2.65	1.81	1.04	0.46	0	2.13	2.29	3.76	4.03	3.6	3.59	0.99
5.59	5.13	4.64	4.1	3.43	2.65	1.81	1.05	0.46	0	1.92	2.17	3.75	4.05	3.6	3.6	0.99
5.59	5.13	4.64	4.09	3.43	2.65	1.81	1.05	0.46	0	1.69	2.17	3.76	4	3.6	3.58	0.99
5.59	5.12	4.63	4.09	3.42	2.64	1.81	1.05	0.46	0	1.56	2.47	3.75	3.99	3.59	3.59	0.99
5.59	5.12	4.63	4.08	3.42	2.64	1.81	1.05	0.47	0	1.65	2.48	3.75	4.08	3.61	3.58	0.98
5.6	5.13	4.64	4.08	3.42	2.64	1.81	1.05	0.47	0	1.82	2.39	3.77	4.14	3.6	3.59	0.99
5.6	5.14	4.64	4.08	3.41	2.64	1.8	1.05		8.3	1.81	2.53	3.79	4.2	3.64	3.62	0.99
5.62	5.15	4.65	4.08	3.41	2.63	1.8	1.06	0.47	0	2.07	2.45	3.77	4.18	3.61	3.62	0.99
5.63	5.15	4.65	4.08	3.41	2.63	1.8	1.06	0.48	0	1.81	2.46	3.75	4.16	3.61	3.64	0.99
5.64	5.16	4.65	4.08	3.41	2.63	1.8	1.05	0.48	0	1.55	2.48	3.77	4.12	3.63	3.61	1
5.64	5.16	4.66	4.08	3.4	2.62	1.8	1.05	0.48	0	1.76	2.45	3.76	4.08	3.62	3.6	1.01
5.64	5.17	4.66	4.08	3.4	2.62	1.79	1.05	0.48	0	1.86	2.47	3.77	4.14	3.62	3.61	1.01
5.64	5.17	4.65	4.08	3.4	2.62	1.79	1.05	0.47	0	2.04	2.41	3.78	4.13	3.64	3.61	1.02
5.64	5.16	4.65	4.08	3.4	2.61	1.79	1.05	0.47	0	2.17	2.39	3.78	4.1	3.64	3.6	1.03
5.63	5.16	4.64	4.08	3.4	2.61	1.79	1.04	0.47	0	1.84	2.21	3.79	4.02	3.65	3.59	1.03
5.62	5.15	4.64	4.07	3.4	2.61	1.78	1.04	0.47	0	2.12	2.12	3.76	3.94	3.62	3.58	1.04
5.61	5.13	4.63	4.07	3.4	2.6	1.78	1.03	0.46	0	1.76	1.86	3.74	3.83	3.64	3.55	1.04
5.59	5.12	4.61	4.06	3.39	2.6	1.77	1.03	0.46	0	1.77	2.29	3.76	3.8	3.63	3.57	1.04

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.56	5.1	4.6	4.04	3.38	2.58	1.76	1.02	0.45	0	1.76	2.55	3.75	3.8	3.62	3.57	1.04
5.54	5.08	4.58	4.03	3.36	2.57	1.75	1.01	0.44	0	1.66	2.55	3.76	3.83	3.63	3.59	1.04
5.52	5.05	4.56	4.01	3.34	2.56	1.73	1	0.43	0	1.38	2.42	3.76	3.8	3.63	3.59	1.04
5.49	5.03	4.54	3.99	3.32	2.54	1.72	0.99	0.43	0	1.99	2.38	3.75	3.84	3.63	3.6	1.04
5.47	5.01	4.52	3.96	3.3	2.52	1.7	0.97	0.42	0	1.98	2.61	3.75	3.88	3.62	3.59	1.04
5.44	4.99	4.5	3.94	3.28	2.49	1.68	0.96	0.41	0	2.01	2.46	3.76	3.89	3.63	3.59	1.04
5.42	4.96	4.48	3.92	3.26	2.47	1.66	0.94	0.39	0	1.55	2.49	3.75	3.87	3.63	3.57	1.03
5.39	4.94	4.46	3.9	3.24	2.45	1.64	0.93	0.38	0	1.72	2.39	3.75	3.85	3.61	3.58	1.03
5.38	4.93	4.44	3.88	3.22	2.44	1.63	0.91	0.37	0	2.14	2.41	3.75	3.86	3.6	3.6	1.02
5.37	4.91	4.43	3.87	3.21	2.43	1.62	0.91	0.37	0	1.77	2.45	3.73	3.87	3.63	3.6	1.02
5.36	4.91	4.42	3.87	3.2	2.42	1.61	0.9	0.36	0	1.56	2.39	3.75	3.91	3.64	3.58	1.02
5.26	4.82	4.34	3.81	3.19	2.45	1.65	0.92	0.34	0	2.3	2.34	3.76	3.8	3.63	3.6	1.01
5.26	4.82	4.35	3.82	3.2	2.47	1.67	0.94	0.35	0	2.08	2.11	3.75	3.85	3.62	3.61	1.01
5.26	4.82	4.35	3.83	3.22	2.49	1.7	0.95	0.36	0	1.95	2.5	3.76	3.92	3.64	3.57	1.01
5.25	4.82	4.36	3.84	3.23	2.51	1.72	0.97	0.37	0	1.63	2.47	3.77	4.02	3.61	3.61	1.01
5.24	4.82	4.36	3.85	3.25	2.53	1.74	0.99	0.38	0	1.92	2.55	3.76	4.02	3.63	3.62	1.01
5.24	4.82	4.36	3.86	3.26	2.55	1.76	1.01	0.4	0	1.85	2.46	3.77	4	3.62	3.61	1
5.24	4.82	4.37	3.87	3.28	2.57	1.78	1.02	0.41	0	1.63	2.56	3.75	3.89	3.62	3.59	1
5.24	4.82	4.37	3.87	3.29	2.58	1.79	1.04	0.42	0	2.13	2.53	3.75	3.79	3.62	3.59	1
5.24	4.83	4.38	3.88	3.3	2.6	1.81	1.05	0.43	0	2.16	2.25	3.74	3.82	3.61	3.56	1
5.25	4.84	4.39	3.89	3.31	2.61	1.82	1.07	0.45	0	1.97	2.46	3.74	3.84	3.62	3.57	0.99
5.26	4.85	4.4	3.91	3.32	2.62	1.84	1.08	0.46	0	1.88	2.6	3.75	3.92	3.62	3.59	0.99
5.28	4.86	4.41	3.92	3.33	2.64	1.85	1.09	0.47	0	1.94	2.52	3.76	3.97	3.64	3.57	0.99
5.3	4.88	4.43	3.93	3.35	2.65	1.86	1.11	0.48	0	2.3	2.35	3.77	3.99	3.61	3.58	0.99
5.33	4.91	4.45	3.95	3.36	2.66	1.88	1.12	0.49	0	1.91	2.29	3.76	3.97	3.63	3.59	0.99
5.37	4.94	4.48	3.97	3.38	2.68	1.89	1.13	0.51	0	2.1	2.32	3.74	3.93	3.61	3.56	0.99
5.4	4.97	4.5	3.99	3.4	2.69	1.9	1.14	0.52	0	2.04	2.38	3.74	3.88	3.6	3.58	0.99
5.43	4.99	4.52	4.01	3.41	2.7	1.91	1.16	0.53	0	1.96	2.54	3.75	3.89	3.6	3.57	0.99
5.47	5.02	4.55	4.03	3.43	2.71	1.92	1.16	0.53	0	1.88	2.34	3.75	3.91	3.61	3.55	0.99
5.5	5.05	4.57	4.05	3.44	2.72	1.92	1.17	0.54	0	1.29	2.48	3.75	3.97	3.61	3.58	0.99
5.53	5.08	4.59	4.06	3.45	2.73	1.93	1.18	0.55	0	1.75	2.35	3.77	4.02	3.61	3.58	0.99
5.55	5.1	4.61	4.08	3.46	2.73	1.94	1.18	0.55	0	2.09	2.38	3.75	4.01	3.61	3.59	0.99
5.57	5.11	4.63	4.09	3.47	2.74	1.94	1.19	0.56	0	1.75	2.46	3.75	4.01	3.62	3.59	0.99
5.58	5.13	4.64	4.1	3.47	2.74	1.94	1.19	0.56	0	2.05	2.52	3.76	4.03	3.61	3.58	0.99
5.6	5.14	4.65	4.11	3.48	2.75	1.95	1.2	0.56	0	1.69	2.43	3.76	4.06	3.62	3.56	0.99
5.61	5.15	4.66	4.12	3.49	2.75	1.95	1.2	0.56	0	2.02	2.33	3.75	4.06	3.61	3.59	0.99
5.62	5.16	4.67	4.12	3.49	2.75	1.95	1.2	0.56	0	2.02	2.26	3.75	4	3.62	3.58	0.99
5.62	5.17	4.67	4.12	3.49	2.75	1.95	1.2	0.56	0	2.03	2.3	3.76	3.99	3.61	3.58	0.99
5.63	5.17	4.68	4.13	3.49	2.75	1.95	1.19	0.56	0	1.95	2.26	3.76	3.96	3.62	3.57	0.99
5.63	5.17	4.68	4.12	3.49	2.75	1.95	1.19	0.56	0	2.05	2.28	3.74	3.98	3.62	3.59	1
5.63	5.17	4.67	4.12	3.49	2.74	1.94	1.19	0.55	0	1.36	2.48	3.75	4.05	3.63	3.6	1
5.63	5.16	4.67	4.11	3.48	2.74	1.94	1.18	0.55	0	1.52	2.48	3.77	4.14	3.65	3.6	1
5.61	5.15	4.65	4.1	3.47	2.73	1.93	1.18	0.54	0	2.33	2.47	3.78	4.2	3.65	3.6	1
5.59	5.13	4.64	4.09	3.46	2.73	1.93	1.17	0.54	0	2.36	2.42	3.78	4.19	3.63	3.64	1
5.57	5.11	4.62	4.08	3.45	2.72	1.93	1.17	0.54	0	1.97	2.31	3.77	4.09	3.62	3.64	1
5.55	5.1	4.61	4.07	3.44	2.72	1.93	1.17	0.53	0	1.77	2.18	3.75	4.01	3.62	3.59	1
5.53	5.08	4.59	4.05	3.44	2.72	1.93	1.17	0.53	0	2.21	2.41	3.72	3.93	3.62	3.57	1
5.51	5.06	4.58	4.04	3.43	2.71	1.92	1.17	0.53	0	2.15	2.27	3.73	3.83	3.62	3.56	1
5.5	5.05	4.57	4.03	3.42	2.71	1.92	1.17	0.52	0	2.05	2.43	3.75	3.85	3.63	3.59	1
5.49	5.04	4.56	4.02	3.41	2.7	1.92	1.17	0.52	0	1.87	2.45	3.75	3.92	3.61	3.59	1
5.48	5.03	4.55	4.01	3.4	2.7	1.92	1.17	0.52	0	2.11	2.43	3.75	3.95	3.61	3.59	1
5.48	5.03	4.54	4.01	3.4	2.7	1.92	1.17	0.52	0	1.84	2.25	3.75	4	3.61	3.59	1
5.48	5.02	4.54	4	3.39	2.69	1.92	1.17	0.52	0	2.02	2.39	3.76	4.05	3.61	3.58	1
5.47	5.02	4.53	4	3.39	2.7	1.93	1.18	0.53	0	2.04	2.35	3.78	4.06	3.62	3.58	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.46	5.01	4.52	3.99	3.39	2.7	1.93	1.19	0.53	0	1.65	2.04	3.76	4	3.63	3.6	0.99
5.46	5.01	4.52	3.99	3.39	2.7	1.94	1.2	0.54	0	1.81	2.17	3.74	3.93	3.64	3.58	0.99
5.45	5	4.51	3.99	3.39	2.71	1.95	1.21	0.55	0	1.92	2.35	3.74	3.9	3.62	3.56	0.99
5.44	5	4.51	3.99	3.39	2.71	1.96	1.22	0.56	0	1.49	1.99	3.75	3.89	3.61	3.57	0.99
5.44	4.99	4.51	3.98	3.39	2.72	1.97	1.23	0.56	0	1.73	2.34	3.75	3.96	3.61	3.6	0.99
5.44	4.99	4.51	3.98	3.39	2.72	1.98	1.23	0.57	0	1.76	2.49	3.74	3.96	3.63	3.59	0.99
5.44	4.99	4.5	3.98	3.39	2.72	1.98	1.24	0.57	0	1.94	2.57	3.75	3.92	3.61	3.59	1
5.44	4.98	4.49	3.97	3.38	2.71	1.98	1.24	0.57	0	1.82	2.27	3.74	3.9	3.6	3.6	1
5.44	4.98	4.49	3.96	3.38	2.71	1.98	1.23	0.57	0	1.6	2.29	3.74	3.92	3.61	3.57	1
5.43	4.97	4.48	3.95	3.37	2.7	1.97	1.23	0.56	0	1.94	2.5	3.75	3.95	3.62	3.57	1
5.42	4.96	4.46	3.94	3.36	2.69	1.96	1.22	0.56	0	2.05	2.31	3.78	3.99	3.64	3.59	1
5.41	4.95	4.45	3.92	3.34	2.68	1.95	1.21	0.55	0	1.28	2.3	3.77	3.99	3.63	3.58	1.01
5.39	4.93	4.44	3.91	3.33	2.66	1.94	1.2	0.53	0	1.78	2.45	3.76	3.95	3.62	3.59	1.01
5.37	4.91	4.42	3.89	3.31	2.65	1.92	1.18	0.52	0	1.92	2.44	3.73	3.91	3.62	3.58	1.01
5.35	4.9	4.4	3.87	3.29	2.63	1.9	1.17	0.5	0	1.84	2.24	3.73	3.91	3.62	3.6	1.01
5.33	4.87	4.38	3.84	3.27	2.61	1.89	1.15	0.49	0	1.85	2.44	3.75	3.96	3.63	3.59	1.02
5.3	4.85	4.35	3.82	3.25	2.59	1.87	1.14	0.48	0	1.88	2.49	3.77	4	3.62	3.58	1.02
5.28	4.82	4.33	3.8	3.23	2.57	1.85	1.12	0.47	0	1.53	2.43	3.77	3.99	3.64	3.61	1.02
5.25	4.79	4.31	3.78	3.2	2.55	1.83	1.11	0.47	0	1.87	2.55	3.78	3.97	3.64	3.6	1.02
5.21	4.76	4.28	3.75	3.18	2.53	1.82	1.1	0.46	0	1.79	2.42	3.77	3.9	3.61	3.59	1.02
5.18	4.73	4.25	3.73	3.15	2.51	1.81	1.09	0.46	0	2.02	2.45	3.74	3.8	3.63	3.58	1.02
5.15	4.7	4.23	3.7	3.13	2.49	1.79	1.09	0.46	0	1.77	2.4	3.74	3.79	3.62	3.59	1.02
5.12	4.68	4.2	3.68	3.12	2.48	1.79	1.09	0.46	0	1.66	2.25	3.75	3.82	3.62	3.62	1.01
5.09	4.65	4.18	3.67	3.1	2.47	1.78	1.09	0.47	0	2.28	2.16	3.75	3.89	3.62	3.57	1.01
5.07	4.64	4.17	3.66	3.09	2.47	1.78	1.09	0.47	0	2.01	2.06	3.76	3.96	3.63	3.57	1.01
5.06	4.63	4.16	3.65	3.09	2.47	1.78	1.1	0.48	0	1.77	2.28	3.75	3.99	3.61	3.61	1.01
5.05	4.62	4.15	3.64	3.09	2.47	1.79	1.11	0.49	0	2.03	2.55	3.75	4.04	3.61	3.61	1.01
5.04	4.61	4.14	3.63	3.08	2.46	1.79	1.12	0.51	0	2.04	2.39	3.75	4.03	3.61	3.61	1.01
5.03	4.6	4.13	3.63	3.08	2.46	1.79	1.13	0.52	0	1.78	2.39	3.76	3.99	3.62	3.61	1.01
5.03	4.6	4.13	3.62	3.07	2.46	1.8	1.13	0.52	0	2.22	2.45	3.75	3.95	3.6	3.58	1.01
5.03	4.59	4.12	3.62	3.07	2.46	1.8	1.14	0.53	0	2.18	2.16	3.75	3.89	3.62	3.58	1.01
5.02	4.59	4.12	3.61	3.07	2.46	1.8	1.14	0.54	0	1.84	2.22	3.74	3.85	3.61	3.56	1.01
5.01	4.58	4.11	3.61	3.06	2.46	1.8	1.15	0.55	0	1.77	2.48	3.74	3.93	3.61	3.56	1
5	4.57	4.1	3.6	3.05	2.45	1.8	1.15	0.55	0	1.87	2.4	3.76	4.02	3.62	3.58	1
4.99	4.56	4.1	3.59	3.05	2.45	1.8	1.15	0.56	0	2.19	2.41	3.76	4.11	3.61	3.57	1
4.98	4.55	4.09	3.58	3.04	2.44	1.8	1.15	0.55	0	2.3	2.48	3.76	4.1	3.64	3.61	1
4.96	4.53	4.08	3.58	3.03	2.44	1.79	1.14	0.55	0	1.89	2.4	3.75	4.06	3.62	3.61	1
4.94	4.52	4.06	3.56	3.02	2.43	1.78	1.14	0.55	0	2.03	2.21	3.76	3.96	3.61	3.59	1
4.93	4.51	4.05	3.55	3.01	2.42	1.77	1.13	0.54	0	2.32	2.13	3.73	3.8	3.61	3.57	1
4.92	4.5	4.04	3.54	3	2.41	1.76	1.12	0.53	0	2.15	2.03	3.72	3.71	3.6	3.56	0.99
4.91	4.49	4.03	3.53	2.99	2.39	1.76	1.11	0.52	0	1.93	1.9	3.73	3.7	3.63	3.55	0.99
4.9	4.47	4.02	3.52	2.98	2.38	1.75	1.11	0.51	0	1.86	1.91	3.73	3.81	3.62	3.58	0.99
4.9	4.47	4.01	3.51	2.97	2.38	1.74	1.1	0.5	0	2.24	2.28	3.75	3.98	3.63	3.58	0.99
4.89	4.46	4	3.51	2.97	2.37	1.74	1.1	0.5	0	1.91	2.28	3.76	4.09	3.62	3.61	0.99
4.89	4.46	4	3.5	2.97	2.38	1.74	1.1	0.5	0	2.3	2.5	3.78	4.17	3.62	3.63	0.99
4.89	4.45	3.99	3.5	2.97	2.38	1.75	1.1	0.5	0	2.39	2.51	3.78	4.13	3.61	3.62	0.99
4.89	4.46	4	3.51	2.98	2.39	1.76	1.11	0.5	0	1.52	2.51	3.76	4.07	3.6	3.59	0.99
4.89	4.46	4	3.51	2.99	2.41	1.77	1.12	0.51	0	2.21	2.48	3.74	3.97	3.6	3.58	0.99
4.9	4.46	4.01	3.52	2.99	2.42	1.79	1.13	0.52	0	2.36	2.41	3.73	3.85	3.61	3.58	0.99
4.9	4.47	4.01	3.52	3	2.43	1.8	1.14	0.52	0	2.16	2.29	3.73	3.79	3.61	3.56	1
4.91	4.47	4.01	3.52	3	2.43	1.8	1.15	0.53	0	2.13	2.28	3.74	3.85	3.62	3.56	1
4.92	4.47	4.01	3.52	3	2.43	1.81	1.16	0.53	0	2.2	2.35	3.75	3.95	3.63	3.57	1
4.92	4.47	4	3.51	2.99	2.43	1.81	1.16	0.53	0	1.68	2.2	3.77	4.1	3.63	3.58	1
4.91	4.46	3.99	3.5	2.99	2.43	1.81	1.16	0.54	0	2.24	2.36	3.77	4.18	3.63	3.62	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.9	4.45	3.98	3.49	2.98	2.42	1.81	1.16	0.54	0	2.39	2.35	3.78	4.2	3.62	3.65	1.01
4.88	4.43	3.96	3.48	2.97	2.42	1.81	1.16	0.54	0	2.14	2.28	3.77	4.18	3.61	3.61	1.01
4.85	4.41	3.94	3.46	2.95	2.41	1.8	1.16	0.53	0	1.64	2.39	3.76	4.08	3.63	3.59	1.01
4.83	4.39	3.92	3.44	2.94	2.4	1.8	1.16	0.53	0	2.03	2.45	3.74	3.99	3.61	3.59	1.01
4.8	4.36	3.9	3.42	2.92	2.39	1.79	1.16	0.53	0	2.16	2.31	3.74	3.9	3.6	3.59	1.01
4.78	4.34	3.88	3.4	2.91	2.38	1.78	1.15	0.53	0	1.92	2.31	3.74	3.83	3.62	3.55	1.01
4.76	4.32	3.86	3.39	2.89	2.36	1.78	1.15	0.52	0	1.94	2.47	3.75	3.85	3.61	3.57	1.01
4.74	4.3	3.85	3.37	2.88	2.35	1.77	1.15	0.52	0	1.63	2.44	3.75	3.96	3.62	3.58	1.01
4.73	4.29	3.84	3.36	2.87	2.35	1.77	1.15	0.52	0	1.6	1.93	3.76	4.01	3.61	3.59	1.01
4.72	4.28	3.83	3.36	2.86	2.34	1.77	1.15	0.52	0	1.79	2.41	3.75	4.08	3.6	3.6	1.01
4.71	4.28	3.83	3.35	2.86	2.34	1.77	1.15	0.53	0	1.87	2.49	3.76	4.09	3.63	3.6	1.01
4.71	4.28	3.83	3.36	2.86	2.34	1.77	1.16	0.53	0	1.97	2.4	3.76	4.06	3.61	3.62	1.01
4.72	4.28	3.83	3.36	2.87	2.35	1.78	1.17	0.54	0	1.41	2.45	3.76	4.01	3.61	3.6	1.01
4.73	4.29	3.84	3.37	2.88	2.36	1.79	1.18	0.55	0	2.16	2.53	3.76	3.95	3.62	3.57	1.01
4.74	4.31	3.85	3.38	2.89	2.38	1.81	1.19	0.56	0	1.93	2.38	3.76	3.87	3.62	3.55	1.01
4.75	4.32	3.86	3.39	2.9	2.39	1.82	1.2	0.58	0	1.67	2.29	3.75	3.88	3.64	3.56	1.01
4.76	4.33	3.87	3.4	2.91	2.4	1.83	1.21	0.59	0	1.48	2.14	3.74	3.91	3.65	3.58	1.01
4.77	4.34	3.88	3.41	2.92	2.41	1.83	1.22	0.59	0	1.79	2.24	3.75	3.92	3.64	3.56	1.01
4.78	4.34	3.89	3.41	2.92	2.41	1.84	1.23	0.6	0	1.79	2.25	3.76	3.97	3.61	3.57	1.01
4.78	4.35	3.89	3.42	2.93	2.42	1.85	1.23	0.61	0	1.61	2.27	3.75	3.96	3.61	3.57	1.01
4.78	4.35	3.89	3.42	2.93	2.42	1.85	1.24	0.61	0	1.57	2.41	3.77	3.96	3.61	3.54	1.01
4.78	4.35	3.9	3.43	2.94	2.42	1.85	1.24	0.62	0	1.43	2.26	3.76	3.94	3.62	3.57	1.01
4.78	4.35	3.9	3.43	2.94	2.43	1.85	1.24	0.62	0	1.35	2.34	3.76	3.91	3.61	3.58	1
4.78	4.35	3.9	3.43	2.94	2.43	1.85	1.24	0.62	0	1.74	2.45	3.74	3.85	3.61	3.58	1
4.78	4.35	3.9	3.43	2.94	2.43	1.85	1.24	0.62	0	2	2.12	3.72	3.83	3.6	3.56	1
4.79	4.36	3.91	3.43	2.94	2.42	1.85	1.24	0.62	0	1.69	2.26	3.74	3.85	3.61	3.56	1
4.8	4.37	3.91	3.43	2.94	2.42	1.85	1.24	0.62	0	1.53	2.27	3.75	3.93	3.59	3.57	1
4.81	4.37	3.91	3.43	2.94	2.42	1.85	1.23	0.62	0	1.75	2.35	3.75	3.96	3.61	3.58	1
4.82	4.38	3.92	3.43	2.94	2.42	1.84	1.23	0.61	0	1.72	2.31	3.75	3.98	3.64	3.6	1
4.83	4.39	3.92	3.44	2.94	2.41	1.84	1.22	0.61	0	2.02	2.31	3.75	3.95	3.63	3.57	1
4.84	4.39	3.92	3.44	2.94	2.41	1.83	1.22	0.61	0	1.74	2.46	3.74	3.89	3.62	3.56	0.99
4.84	4.4	3.93	3.44	2.94	2.41	1.83	1.22	0.6	0	1.52	2.48	3.75	3.83	3.6	3.58	0.99
4.85	4.4	3.93	3.45	2.94	2.41	1.83	1.21	0.6	0	1.79	2.37	3.74	3.87	3.61	3.58	0.99
4.85	4.4	3.94	3.45	2.94	2.41	1.82	1.21	0.59	0	1.77	2.3	3.73	3.89	3.62	3.58	0.99
4.86	4.41	3.94	3.46	2.95	2.41	1.82	1.21	0.59	0	1.78	2.45	3.75	3.93	3.6	3.58	0.99
4.87	4.42	3.95	3.46	2.95	2.42	1.82	1.2	0.59	0	1.68	2.21	3.74	3.95	3.62	3.59	0.99
4.88	4.43	3.96	3.47	2.96	2.42	1.83	1.2	0.59	0	1.99	2.35	3.75	3.96	3.6	3.56	0.99
4.89	4.44	3.97	3.48	2.97	2.43	1.83	1.21	0.59	0	2.06	2.46	3.76	3.99	3.59	3.57	0.99
4.91	4.46	3.99	3.5	2.98	2.44	1.83	1.21	0.59	0	1.91	2.41	3.75	4.01	3.6	3.57	0.99
4.92	4.47	3.99	3.5	2.99	2.44	1.84	1.2	0.58	0	2.03	2.18	3.75	4.03	3.62	3.57	0.99
4.93	4.48	4	3.51	2.99	2.44	1.84	1.2	0.58	0	1.79	2.25	3.76	4.01	3.62	3.59	0.99
4.94	4.48	4.01	3.51	2.99	2.44	1.83	1.19	0.57	0	1.8	2.2	3.75	3.96	3.6	3.55	0.99
4.95	4.49	4.01	3.51	2.99	2.44	1.82	1.18	0.56	0	1.99	2.07	3.74	3.95	3.59	3.54	0.99
4.95	4.49	4.01	3.51	2.99	2.43	1.81	1.17	0.55	0	1.72	2.41	3.76	4.01	3.62	3.58	0.99
4.95	4.49	4.01	3.51	2.98	2.42	1.8	1.15	0.53	0	2.17	2.57	3.75	4.03	3.63	3.59	0.99
4.95	4.49	4.01	3.5	2.97	2.41	1.78	1.14	0.51	0	2.01	2.45	3.76	4.08	3.6	3.58	1
4.95	4.49	4	3.49	2.96	2.39	1.77	1.11	0.49	0	1.71	2.41	3.76	4.03	3.61	3.58	1
4.95	4.49	4	3.49	2.95	2.38	1.75	1.09	0.47	0	1.87	2.52	3.75	4	3.6	3.59	1
4.95	4.49	3.99	3.48	2.95	2.37	1.73	1.07	0.46	0	2.04	2.33	3.75	3.98	3.62	3.56	1
4.96	4.49	4	3.48	2.94	2.35	1.71	1.05	0.44	0	1.7	2.36	3.76	3.99	3.61	3.57	1
4.96	4.49	4	3.48	2.94	2.34	1.69	1.04	0.43	0	2.01	2.2	3.74	4.01	3.61	3.56	1.01
4.96	4.5	4	3.48	2.93	2.34	1.68	1.02	0.41	0	1.71	2.28	3.75	3.96	3.61	3.58	1.01
4.97	4.5	4.01	3.49	2.93	2.33	1.66	1.01	0.4	0	1.62	2.44	3.75	3.99	3.61	3.59	1.01
4.97	4.51	4.01	3.49	2.93	2.32	1.65	0.99	0.4	0	1.36	2.31	3.75	3.97	3.61	3.57	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.98	4.52	4.02	3.49	2.93	2.31	1.63	0.98	0.39	0	1.66	2.36	3.74	3.92	3.62	3.58	1.01
4.98	4.52	4.03	3.5	2.92	2.3	1.62	0.96	0.38	0	1.38	2.3	3.73	3.9	3.62	3.56	1.01
4.99	4.53	4.04	3.5	2.92	2.29	1.61	0.95	0.38	0	1.57	2.44	3.75	3.88	3.61	3.57	1.01
5	4.54	4.04	3.51	2.92	2.28	1.6	0.94	0.37	0	1.87	2.32	3.74	3.91	3.62	3.57	1.01
5.01	4.55	4.05	3.51	2.92	2.27	1.59	0.94	0.37	0	1.74	2.1	3.74	3.88	3.62	3.57	1.01
5.02	4.56	4.06	3.52	2.93	2.27	1.58	0.93	0.37	0	1.63	2.21	3.74	3.93	3.63	3.57	1.01
5.04	4.58	4.08	3.53	2.93	2.27	1.58	0.94	0.38	0	1.66	2.33	3.74	3.94	3.62	3.57	1.01
5.06	4.6	4.1	3.55	2.94	2.28	1.59	0.94	0.39	0	1.3	2.07	3.76	3.88	3.63	3.56	1.01
5.08	4.62	4.11	3.56	2.96	2.29	1.6	0.95	0.4	0	1.86	2.13	3.76	3.83	3.62	3.56	1.01
5.1	4.63	4.13	3.57	2.96	2.29	1.6	0.96	0.41	0	1.77	2.31	3.74	3.81	3.63	3.57	1
5.11	4.65	4.14	3.58	2.97	2.3	1.61	0.96	0.42	0	1.66	2.2	3.74	3.83	3.6	3.58	1
5.12	4.65	4.14	3.59	2.97	2.3	1.61	0.97	0.42	0	1.79	2.16	3.76	3.87	3.62	3.57	1
5.12	4.65	4.15	3.59	2.97	2.3	1.61	0.97	0.42	0	1.67	2.13	3.75	3.9	3.63	3.59	1
5.12	4.65	4.14	3.58	2.97	2.3	1.61	0.97	0.42	0	1.62	2.26	3.76	3.9	3.65	3.58	1
5.11	4.65	4.13	3.58	2.97	2.29	1.6	0.96	0.42	0	1.83	2.52	3.76	3.88	3.62	3.58	0.99
5.1	4.64	4.13	3.57	2.96	2.28	1.59	0.95	0.42	0	1.58	2.37	3.74	3.8	3.61	3.6	0.99
5.1	4.63	4.12	3.57	2.95	2.28	1.58	0.95	0.41	0	1.47	2.22	3.74	3.73	3.63	3.59	0.99
5.09	4.63	4.12	3.56	2.94	2.27	1.57	0.94	0.4	0	1.72	2.36	3.74	3.76	3.63	3.59	0.99
5.09	4.62	4.11	3.55	2.94	2.26	1.56	0.92	0.39	0	1.66	2.41	3.74	3.81	3.6	3.6	0.99
5.09	4.63	4.11	3.55	2.93	2.25	1.55	0.91	0.38	0	1.87	2.41	3.74	3.82	3.62	3.59	0.99
5.1	4.63	4.12	3.55	2.92	2.24	1.54	0.9	0.37	0	1.69	2.46	3.74	3.81	3.62	3.56	0.99
5.12	4.65	4.13	3.55	2.92	2.22	1.52	0.89	0.36	0	2.09	2.29	3.75	3.76	3.62	3.57	0.99
5.14	4.66	4.14	3.56	2.91	2.22	1.51	0.88	0.36	0	1.81	1.93	3.74	3.77	3.6	3.57	0.99
5.16	4.68	4.16	3.57	2.91	2.21	1.5	0.87	0.35	0	1.75	1.9	3.73	3.81	3.62	3.57	0.99
5.19	4.7	4.17	3.57	2.91	2.2	1.49	0.86	0.35	0	1.98	2.05	3.74	3.86	3.65	3.58	0.99
5.21	4.73	4.19	3.58	2.91	2.2	1.48	0.85	0.34	0	2.18	2.26	3.76	3.94	3.62	3.57	0.99
5.24	4.75	4.21	3.6	2.92	2.19	1.47	0.84	0.34	0	1.97	2.43	3.77	4	3.61	3.57	0.99
5.26	4.77	4.23	3.61	2.93	2.2	1.47	0.84	0.34	0	1.67	2.35	3.77	4.03	3.62	3.59	0.99
5.28	4.79	4.25	3.63	2.94	2.2	1.47	0.83	0.33	0	1.71	2.14	3.76	4.04	3.62	3.61	0.99
5.3	4.81	4.27	3.65	2.96	2.21	1.47	0.83	0.33	0	1.63	2.06	3.77	4	3.62	3.59	0.99
5.32	4.84	4.29	3.67	2.98	2.22	1.48	0.83	0.33	0	1.91	2.38	3.75	3.92	3.61	3.58	0.99
5.34	4.86	4.31	3.7	3	2.24	1.49	0.84	0.33	0	2.18	2.45	3.74	3.82	3.62	3.57	0.99
5.37	4.89	4.34	3.73	3.03	2.26	1.5	0.84	0.34	0	1.93	2.37	3.73	3.74	3.59	3.57	0.99
5.39	4.91	4.37	3.76	3.05	2.28	1.5	0.84	0.34	0	1.98	2.19	3.73	3.72	3.61	3.59	0.99
5.42	4.93	4.39	3.78	3.08	2.3	1.51	0.84	0.34	0	1.98	2.29	3.72	3.81	3.63	3.55	0.99
5.44	4.95	4.41	3.81	3.1	2.32	1.53	0.85	0.34	0	1.62	2.27	3.74	3.93	3.62	3.56	0.99
5.46	4.97	4.43	3.83	3.13	2.34	1.54	0.85	0.34	0	1.96	2.44	3.76	4.03	3.61	3.58	0.99
5.47	4.98	4.45	3.85	3.15	2.35	1.55	0.86	0.34	0	2.19	2.37	3.76	4.09	3.62	3.6	0.99
5.48	4.99	4.46	3.86	3.16	2.37	1.56	0.86	0.35	0	2.14	2.62	3.78	4.07	3.65	3.59	0.99
5.48	5	4.47	3.88	3.18	2.38	1.56	0.87	0.35	0	1.65	2.66	3.76	4.04	3.61	3.59	1
5.49	5	4.48	3.89	3.19	2.39	1.57	0.87	0.35	0	1.58	2.36	3.76	3.95	3.6	3.59	1
5.48	5.01	4.48	3.89	3.2	2.4	1.58	0.87	0.35	0	2.1	2.21	3.74	3.88	3.59	3.58	1
5.49	5.01	4.49	3.9	3.2	2.4	1.58	0.87	0.35	0	2.12	2.22	3.75	3.86	3.59	3.56	1
5.49	5.01	4.49	3.9	3.21	2.4	1.58	0.87	0.35	0	1.86	2.42	3.74	3.95	3.61	3.58	1
5.49	5.01	4.49	3.9	3.2	2.4	1.57	0.87	0.35	0	1.91	2.58	3.76	4.01	3.62	3.6	1
5.49	5.01	4.49	3.89	3.2	2.39	1.57	0.86	0.35	0	1.9	2.43	3.76	4.03	3.63	3.59	0.99
5.49	5.01	4.48	3.89	3.19	2.38	1.56	0.86	0.34	0	1.93	2.39	3.75	4.03	3.62	3.58	0.99
5.49	5.01	4.48	3.88	3.18	2.37	1.55	0.85	0.34	0	1.93	2.08	3.76	4.05	3.61	3.57	0.99
5.49	5	4.48	3.87	3.17	2.36	1.54	0.84	0.33	0	1.85	2.01	3.76	4.02	3.61	3.58	0.99
5.48	5	4.47	3.87	3.16	2.35	1.53	0.83	0.33	0	2.11	2.01	3.76	3.97	3.62	3.6	0.99
5.48	4.99	4.46	3.86	3.15	2.34	1.52	0.82	0.32	0	1.87	1.77	3.75	3.96	3.61	3.58	0.99
5.47	4.99	4.46	3.85	3.14	2.32	1.51	0.82	0.32	0	1.34	2.38	3.75	3.99	3.6	3.6	0.99
5.47	4.98	4.45	3.84	3.13	2.31	1.5	0.81	0.31	0	1.48	2.43	3.74	3.9	3.6	3.58	0.99
5.47	4.98	4.45	3.84	3.12	2.31	1.49	0.81	0.31	0	1.58	2.31	3.75	3.94	3.61	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.47	4.98	4.45	3.84	3.12	2.3	1.49	0.81	0.31	0	2.01	2.54	3.76	3.94	3.62	3.57	0.99
5.47	4.99	4.45	3.84	3.11	2.3	1.49	0.81	0.32	0	1.8	2.59	3.75	3.95	3.61	3.58	0.99
5.47	4.99	4.45	3.84	3.11	2.3	1.49	0.81	0.32	0	1.67	2.43	3.75	3.98	3.6	3.58	0.99
5.47	4.98	4.45	3.84	3.11	2.3	1.49	0.81	0.32	0	1.84	2.38	3.76	4.05	3.62	3.59	0.99
5.46	4.98	4.45	3.83	3.11	2.3	1.49	0.81	0.32	0	1.71	2.41	3.77	3.99	3.63	3.59	0.99
5.45	4.97	4.44	3.83	3.11	2.3	1.48	0.81	0.32	0	1.45	2.45	3.76	3.96	3.61	3.58	0.99
5.44	4.96	4.44	3.82	3.1	2.29	1.48	0.81	0.32	0	1.88	2.1	3.75	3.94	3.61	3.58	0.99
5.43	4.95	4.43	3.82	3.1	2.29	1.48	0.81	0.32	0	1.91	2.15	3.74	3.9	3.6	3.57	0.99
5.42	4.94	4.42	3.81	3.09	2.28	1.47	0.8	0.32	0	1.96	2.21	3.74	3.91	3.61	3.56	0.99
5.41	4.93	4.41	3.8	3.08	2.28	1.47	0.8	0.32	0	1.11	2.14	3.75	3.97	3.6	3.57	0.99
5.4	4.92	4.4	3.8	3.08	2.27	1.47	0.8	0.32	0	1.81	2.31	3.75	4.02	3.63	3.56	0.99
5.39	4.92	4.39	3.79	3.07	2.27	1.47	0.8	0.32	0	2.06	2.27	3.77	4.01	3.63	3.56	0.99
5.38	4.91	4.39	3.78	3.07	2.26	1.46	0.8	0.31	0	1.91	2.4	3.76	4.05	3.61	3.58	0.99
5.37	4.9	4.38	3.77	3.06	2.26	1.46	0.8	0.31	0	1.52	2.48	3.75	4.01	3.62	3.57	0.99
5.36	4.89	4.37	3.77	3.06	2.26	1.46	0.8	0.31	0	1.36	2.36	3.75	3.99	3.6	3.6	0.99
5.35	4.88	4.36	3.76	3.05	2.26	1.46	0.8	0.31	0	1.81	2.34	3.74	3.98	3.63	3.57	0.99
5.34	4.87	4.36	3.76	3.05	2.25	1.47	0.8	0.31	0	1.9	2.35	3.74	3.92	3.62	3.54	0.99
5.33	4.86	4.35	3.75	3.05	2.26	1.47	0.8	0.31	0	1.66	2.42	3.74	4	3.61	3.56	0.99
5.32	4.85	4.35	3.75	3.04	2.26	1.47	0.81	0.31	0	1.64	2.21	3.76	3.99	3.63	3.57	0.99
5.31	4.85	4.34	3.75	3.04	2.26	1.48	0.81	0.31	0	1.79	2.36	3.76	4	3.6	3.59	0.99
5.3	4.84	4.33	3.74	3.04	2.26	1.48	0.81	0.32	0	1.47	2.35	3.75	4.03	3.63	3.56	0.99
5.29	4.83	4.33	3.74	3.04	2.26	1.48	0.81	0.32	0	1.47	2.23	3.74	4.03	3.62	3.56	0.99
5.29	4.83	4.32	3.74	3.05	2.27	1.49	0.82	0.32	0	1.87	2.27	3.75	4.04	3.63	3.59	0.99
5.28	4.82	4.32	3.73	3.05	2.27	1.49	0.82	0.32	0	1.85	2.33	3.75	4.05	3.63	3.58	0.99
5.27	4.81	4.31	3.73	3.05	2.28	1.5	0.83	0.32	0	1.76	2.34	3.76	4.06	3.63	3.59	0.99
5.26	4.81	4.31	3.73	3.06	2.29	1.51	0.83	0.33	0	1.57	2.42	3.75	4.05	3.62	3.63	0.99
5.25	4.8	4.3	3.73	3.06	2.3	1.52	0.84	0.33	0	1.47	2.23	3.76	4.01	3.63	3.56	0.99
5.24	4.79	4.29	3.73	3.06	2.3	1.53	0.85	0.34	0	1.54	2.35	3.77	4.02	3.62	3.57	0.99
5.23	4.79	4.29	3.73	3.07	2.31	1.54	0.86	0.34	0	1.75	2.49	3.74	4.02	3.61	3.57	0.99
5.22	4.78	4.28	3.72	3.07	2.32	1.55	0.87	0.35	0	1.67	2.42	3.74	4.01	3.61	3.6	0.99
5.21	4.77	4.28	3.72	3.07	2.33	1.56	0.88	0.35	0	2.08	2.15	3.75	4.05	3.61	3.59	0.99
5.2	4.76	4.27	3.72	3.08	2.34	1.57	0.89	0.36	0	1.83	2.13	3.75	4.05	3.64	3.6	0.99
5.19	4.75	4.27	3.72	3.08	2.35	1.58	0.9	0.37	0	1.84	2.21	3.76	4.07	3.61	3.58	0.99
5.18	4.75	4.26	3.72	3.09	2.36	1.59	0.91	0.38	0	2.04	2.25	3.76	4.03	3.6	3.59	0.99
5.17	4.74	4.26	3.73	3.09	2.37	1.6	0.92	0.38	0	1.89	2.47	3.75	3.99	3.61	3.57	0.99
5.17	4.74	4.27	3.73	3.1	2.38	1.62	0.93	0.39	0	1.86	2.49	3.75	3.99	3.62	3.55	0.99
5.17	4.75	4.27	3.73	3.11	2.39	1.63	0.94	0.41	0	1.87	2.57	3.76	4.02	3.61	3.59	0.99
5.18	4.75	4.27	3.74	3.12	2.41	1.65	0.96	0.42	0	1.54	2.48	3.75	4.01	3.62	3.59	0.99
5.18	4.75	4.28	3.74	3.13	2.42	1.66	0.97	0.43	0	1.61	2.49	3.76	4.05	3.61	3.58	0.99
5.18	4.76	4.28	3.74	3.13	2.42	1.67	0.98	0.44	0	1.62	2.36	3.75	4.05	3.62	3.6	0.98
5.18	4.75	4.28	3.74	3.14	2.43	1.67	0.99	0.44	0	1.08	2.39	3.76	4.02	3.62	3.59	0.98
5.18	4.75	4.28	3.74	3.14	2.43	1.68	0.99	0.45	0	1.55	2.47	3.74	3.99	3.62	3.58	0.98
5.18	4.75	4.27	3.74	3.14	2.44	1.68	1	0.45	0	1.7	2.31	3.75	4.02	3.6	3.59	0.98
5.17	4.75	4.27	3.74	3.14	2.44	1.69	1	0.45	0	1.59	1.46	3.75	4.03	3.61	3.57	0.98
5.17	4.74	4.27	3.74	3.14	2.44	1.69	1	0.45	0	1.52	2.17	3.74	3.97	3.61	3.61	0.98
5.17	4.74	4.27	3.74	3.13	2.43	1.69	1	0.45	0	1.82	2.3	3.73	3.98	3.6	3.57	0.98
5.17	4.74	4.27	3.73	3.13	2.43	1.68	1	0.44	0	1.96	2.4	3.74	3.98	3.6	3.57	0.98
5.17	4.74	4.26	3.72	3.12	2.42	1.68	0.99	0.44	0	1.64	2.38	3.75	3.95	3.6	3.57	0.98
5.17	4.73	4.25	3.71	3.11	2.41	1.67	0.98	0.43	0	1.96	2.18	3.75	4	3.61	3.57	0.98
5.16	4.72	4.24	3.7	3.1	2.4	1.66	0.97	0.42	0	1.92	2.16	3.75	4.07	3.6	3.57	0.98
5.15	4.71	4.23	3.69	3.08	2.39	1.65	0.96	0.4	0	2.04	2.26	3.75	4.1	3.63	3.57	0.98
5.14	4.7	4.21	3.68	3.07	2.38	1.64	0.95	0.39	0	1.99	2.45	3.74	4.09	3.59	3.58	0.98
5.12	4.68	4.2	3.66	3.06	2.37	1.63	0.94	0.38	0	1.58	2.19	3.73	4.03	3.62	3.57	0.98
5.11	4.67	4.19	3.65	3.05	2.36	1.62	0.93	0.38	0	1.95	2.15	3.75	3.98	3.6	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.1	4.66	4.17	3.64	3.04	2.35	1.61	0.92	0.37	0	2.12	2.39	3.73	3.9	3.6	3.56	0.98
5.09	4.65	4.16	3.63	3.03	2.34	1.6	0.92	0.36	0	2.06	1.98	3.72	3.95	3.62	3.55	0.98
5.08	4.64	4.15	3.62	3.02	2.33	1.59	0.91	0.36	0	1.55	2.3	3.74	4.02	3.62	3.56	0.98
5.07	4.63	4.15	3.62	3.01	2.32	1.58	0.9	0.36	0	1.84	2.22	3.76	4.07	3.61	3.58	0.98
5.07	4.62	4.14	3.61	3	2.31	1.57	0.9	0.35	0	2	2.04	3.75	4.08	3.61	3.59	0.98
5.06	4.61	4.13	3.6	3	2.3	1.57	0.89	0.35	0	1.93	2.22	3.74	4.06	3.59	3.6	0.98
5.05	4.61	4.12	3.59	2.99	2.29	1.56	0.88	0.35	0	1.44	2.07	3.75	3.97	3.61	3.58	0.98
5.05	4.6	4.12	3.59	2.98	2.28	1.55	0.88	0.34	0	1.92	2.03	3.75	3.97	3.61	3.57	0.99
5.04	4.59	4.11	3.58	2.97	2.28	1.54	0.87	0.34	0	2	2.33	3.75	3.92	3.61	3.58	0.99
5.03	4.59	4.11	3.57	2.97	2.27	1.54	0.87	0.34	0	1.73	2.34	3.74	3.94	3.61	3.57	0.99
5.02	4.59	4.1	3.57	2.96	2.27	1.53	0.87	0.34	0	1.47	2.5	3.75	3.92	3.63	3.57	0.99
5.02	4.58	4.1	3.56	2.96	2.26	1.53	0.87	0.34	0	1.36	2.64	3.74	3.92	3.62	3.57	0.99
5.01	4.57	4.09	3.56	2.95	2.26	1.52	0.86	0.34	0	1.71	2.47	3.73	3.96	3.6	3.57	0.99
5	4.56	4.08	3.55	2.94	2.25	1.52	0.86	0.34	0	1.42	2.48	3.74	3.94	3.62	3.57	0.99
4.99	4.55	4.08	3.54	2.94	2.25	1.52	0.86	0.34	0	1.46	2.32	3.74	3.91	3.62	3.57	0.99
4.98	4.55	4.07	3.54	2.94	2.24	1.51	0.86	0.34	0	1.78	2.35	3.73	3.84	3.6	3.58	0.98
4.97	4.54	4.06	3.53	2.93	2.24	1.51	0.85	0.34	0	1.89	2.21	3.73	3.83	3.62	3.57	0.98
4.96	4.53	4.05	3.53	2.93	2.24	1.51	0.85	0.34	0	1.86	2.17	3.74	3.88	3.6	3.57	0.98
4.95	4.52	4.05	3.52	2.93	2.23	1.5	0.85	0.34	0	1.99	2.42	3.76	3.93	3.63	3.58	0.98
4.94	4.51	4.04	3.52	2.92	2.22	1.5	0.84	0.34	0	2.03	2.53	3.75	3.93	3.63	3.58	0.98
4.94	4.5	4.03	3.51	2.92	2.22	1.49	0.83	0.33	0	1.67	2.47	3.75	3.9	3.62	3.57	0.98
4.93	4.5	4.02	3.51	2.91	2.21	1.48	0.83	0.33	0	1.76	2.5	3.73	3.79	3.61	3.59	0.98
4.93	4.49	4.02	3.5	2.9	2.2	1.47	0.82	0.33	0	1.95	2.51	3.73	3.79	3.59	3.55	0.98
4.92	4.49	4.01	3.49	2.89	2.19	1.46	0.81	0.32	0	2.09	2.26	3.74	3.8	3.62	3.58	0.98
4.92	4.49	4.01	3.48	2.88	2.17	1.44	0.8	0.31	0	1.63	2.09	3.74	3.83	3.6	3.57	0.98
4.92	4.48	4.01	3.48	2.86	2.16	1.43	0.79	0.31	0	1.95	2.42	3.75	3.88	3.62	3.56	0.98
4.92	4.48	4	3.47	2.85	2.15	1.42	0.77	0.3	0	1.89	2.46	3.75	3.95	3.61	3.59	0.98
4.92	4.48	4	3.47	2.84	2.13	1.4	0.76	0.29	0	1.79	2.37	3.75	3.95	3.63	3.58	0.98
4.92	4.48	4	3.46	2.83	2.12	1.39	0.75	0.29	0	1.86	2.24	3.75	3.91	3.63	3.57	0.98
4.92	4.48	3.99	3.45	2.82	2.11	1.38	0.74	0.28	0	1.77	2.48	3.74	3.93	3.64	3.57	0.98
4.92	4.48	3.99	3.45	2.82	2.1	1.37	0.74	0.28	0	1.91	2.44	3.74	3.9	3.63	3.58	0.98
4.92	4.48	3.99	3.45	2.81	2.09	1.36	0.73	0.28	0	1.25	2.4	3.74	3.9	3.62	3.57	0.98
4.92	4.48	3.99	3.45	2.81	2.09	1.35	0.72	0.27	0	1.81	2.38	3.74	3.87	3.61	3.57	0.97
4.93	4.48	3.99	3.44	2.8	2.08	1.34	0.71	0.27	0	2.09	2.35	3.73	3.86	3.61	3.57	0.97
4.94	4.49	4	3.45	2.8	2.08	1.33	0.71	0.27	0	1.94	2.31	3.73	3.88	3.63	3.58	0.97
4.94	4.5	4	3.45	2.8	2.07	1.33	0.7	0.27	0	1.45	2.35	3.74	3.96	3.61	3.58	0.97
4.95	4.5	4	3.45	2.8	2.06	1.32	0.7	0.26	0	2.03	2.53	3.73	3.98	3.6	3.56	0.97
4.96	4.51	4.01	3.45	2.8	2.06	1.31	0.69	0.26	0	2.12	2.42	3.75	3.96	3.61	3.55	0.97
4.97	4.51	4.01	3.45	2.8	2.05	1.3	0.69	0.26	0	2.01	2.4	3.75	3.95	3.6	3.55	0.97
4.97	4.52	4.01	3.45	2.79	2.05	1.3	0.68	0.26	0	1.83	2.38	3.73	3.92	3.59	3.58	0.97
4.98	4.53	4.02	3.45	2.79	2.04	1.29	0.67	0.25	0	2	2.32	3.73	3.89	3.59	3.57	0.97
5	4.54	4.03	3.45	2.79	2.04	1.28	0.67	0.25	0	2.06	2.42	3.74	3.86	3.61	3.54	0.97
5.01	4.55	4.04	3.46	2.79	2.03	1.27	0.66	0.25	0	2	2.44	3.73	3.83	3.61	3.57	0.98
5.03	4.57	4.05	3.46	2.78	2.02	1.27	0.65	0.24	0	1.93	2.44	3.74	3.87	3.59	3.55	0.98
5.06	4.59	4.06	3.46	2.78	2.01	1.25	0.64	0.24	0	2.01	2.54	3.75	3.95	3.6	3.58	0.98
5.08	4.6	4.07	3.47	2.77	2	1.24	0.64	0.23	0	1.86	2.51	3.75	4	3.61	3.58	0.98
5.1	4.62	4.08	3.47	2.77	1.99	1.23	0.63	0.22	0	2.06	2.48	3.75	4.06	3.62	3.57	0.98
5.12	4.64	4.09	3.47	2.76	1.97	1.22	0.62	0.22	0	1.36	2.36	3.74	4.02	3.6	3.58	0.98
5.13	4.65	4.09	3.47	2.75	1.96	1.2	0.61	0.21	0	1.68	2.06	3.74	3.99	3.64	3.59	0.98
5.15	4.66	4.1	3.46	2.73	1.94	1.18	0.59	0.2	0	1.65	1.6	3.74	3.89	3.62	3.57	0.98
5.16	4.66	4.1	3.45	2.72	1.92	1.17	0.58	0.2	0	1.86	2.26	3.73	3.88	3.6	3.56	0.98
5.17	4.67	4.1	3.44	2.7	1.89	1.15	0.57	0.19	0	2.14	2.2	3.74	3.93	3.6	3.56	0.98
5.18	4.67	4.09	3.43	2.67	1.86	1.12	0.56	0.19	0	2.05	2.39	3.75	4.01	3.61	3.57	0.98
5.18	4.67	4.08	3.41	2.65	1.84	1.1	0.54	0.18	0	1.96	2.45	3.75	4.1	3.61	3.6	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.19	4.67	4.07	3.39	2.62	1.81	1.08	0.53	0.17	0	2.26	2.38	3.76	4.15	3.62	3.61	0.98
5.19	4.66	4.06	3.37	2.59	1.78	1.06	0.52	0.17	0	2.18	2.35	3.76	4.15	3.6	3.62	0.98
5.18	4.66	4.04	3.35	2.57	1.75	1.04	0.5	0.16	0	1.89	2.52	3.75	4.12	3.59	3.61	0.98
5.18	4.65	4.03	3.32	2.54	1.73	1.02	0.49	0.16	0	1.72	2.55	3.74	4.03	3.6	3.58	0.98
5.17	4.63	4.01	3.29	2.5	1.7	0.99	0.48	0.15	0	1.78	2.45	3.74	3.97	3.6	3.56	0.98
5.17	4.62	3.99	3.27	2.47	1.67	0.97	0.47	0.15	0	2.12	2.45	3.73	3.9	3.6	3.54	0.98
5.16	4.61	3.96	3.24	2.44	1.64	0.95	0.46	0.15	0	2.21	2.28	3.73	3.82	3.6	3.53	0.98
5.15	4.59	3.94	3.21	2.41	1.61	0.93	0.45	0.14	0	2.04	2.1	3.72	3.89	3.58	3.54	0.98
5.14	4.58	3.92	3.18	2.38	1.59	0.91	0.44	0.14	0	1.75	2.14	3.74	4.02	3.6	3.55	0.98
5.13	4.55	3.89	3.15	2.35	1.56	0.9	0.43	0.14	0	2.32	2.3	3.76	4.06	3.62	3.58	0.98
5.1	4.53	3.86	3.11	2.32	1.54	0.88	0.42	0.14	0	2.29	2.28	3.78	4.05	3.61	3.6	0.98
5.08	4.5	3.83	3.08	2.29	1.52	0.87	0.41	0.13	0	2.16	2.48	3.76	4.05	3.61	3.58	0.98
5.05	4.47	3.8	3.05	2.26	1.5	0.85	0.41	0.13	0	1.52	2.5	3.75	3.97	3.62	3.57	0.98
5.03	4.45	3.77	3.03	2.24	1.48	0.84	0.4	0.13	0	1.95	2.36	3.75	3.86	3.62	3.55	0.98
5	4.42	3.75	3	2.22	1.46	0.83	0.4	0.13	0	2.11	2.4	3.73	3.77	3.6	3.57	0.98
4.97	4.39	3.72	2.98	2.19	1.44	0.82	0.39	0.13	0	2.15	2.53	3.73	3.74	3.6	3.57	0.99
4.95	4.37	3.7	2.95	2.17	1.42	0.81	0.39	0.13	0	1.96	2.42	3.74	3.82	3.62	3.58	0.99
4.92	4.34	3.67	2.93	2.15	1.4	0.8	0.38	0.12	0	2.06	2.6	3.75	3.93	3.61	3.58	0.99
4.9	4.32	3.65	2.91	2.13	1.39	0.79	0.38	0.12	0	2	2.54	3.75	4.01	3.6	3.57	0.99
4.87	4.3	3.63	2.89	2.11	1.37	0.78	0.37	0.12	0	2.14	2.47	3.77	4	3.62	3.57	0.99
4.84	4.28	3.61	2.87	2.09	1.36	0.77	0.37	0.12	0	1.71	2.37	3.75	3.97	3.63	3.59	0.99
4.82	4.25	3.59	2.85	2.07	1.35	0.76	0.36	0.12	0	1.49	2.36	3.74	3.96	3.61	3.58	0.99
4.79	4.23	3.58	2.84	2.06	1.33	0.75	0.36	0.12	0	1.51	2.47	3.74	3.96	3.6	3.57	0.98
4.77	4.22	3.56	2.82	2.04	1.32	0.75	0.36	0.11	0	1.59	2.58	3.74	3.94	3.6	3.6	0.98
4.75	4.2	3.55	2.81	2.03	1.32	0.74	0.35	0.11	0	1.39	2.52	3.74	3.9	3.6	3.61	0.98
4.74	4.19	3.53	2.8	2.02	1.31	0.73	0.35	0.11	0	2.01	1.97	3.73	3.91	3.59	3.58	0.98
4.73	4.18	3.52	2.78	2.01	1.3	0.73	0.35	0.11	0	1.96	2.38	3.74	3.91	3.59	3.56	0.98
4.72	4.17	3.51	2.77	1.99	1.29	0.73	0.35	0.11	0	1.65	2.1	3.74	3.93	3.61	3.58	0.98
4.71	4.16	3.5	2.76	1.98	1.28	0.72	0.34	0.11	0	2.08	2.31	3.74	3.97	3.61	3.55	0.98
4.71	4.15	3.48	2.74	1.97	1.27	0.72	0.34	0.11	0	1.92	2.3	3.74	3.97	3.61	3.57	0.97
4.7	4.14	3.47	2.73	1.96	1.27	0.72	0.34	0.11	0	1.54	2.48	3.74	3.95	3.59	3.56	0.97
4.69	4.12	3.46	2.72	1.95	1.26	0.71	0.34	0.11	0	1.38	2.41	3.73	3.96	3.61	3.57	0.97
4.68	4.11	3.45	2.71	1.95	1.25	0.71	0.34	0.11	0	1.31	2.42	3.74	3.91	3.6	3.57	0.97
4.67	4.1	3.44	2.7	1.94	1.25	0.71	0.34	0.11	0	1.74	2.47	3.75	3.85	3.61	3.58	0.97
4.66	4.09	3.42	2.69	1.93	1.25	0.7	0.33	0.11	0	1.81	2.01	3.73	3.81	3.61	3.56	0.97
4.66	4.08	3.42	2.68	1.93	1.24	0.7	0.33	0.11	0	1.85	2.11	3.73	3.79	3.61	3.59	0.97
4.65	4.07	3.41	2.67	1.92	1.24	0.7	0.33	0.11	0	1.73	2.12	3.72	3.84	3.65	3.58	0.97
4.64	4.06	3.4	2.67	1.92	1.24	0.7	0.33	0.11	0	1.58	2.23	3.74	3.91	3.62	3.57	0.97
4.63	4.06	3.39	2.66	1.92	1.24	0.7	0.33	0.11	0	1.59	2.49	3.75	3.98	3.62	3.56	0.97
4.62	4.05	3.39	2.66	1.92	1.24	0.7	0.33	0.11	0	1.83	2.45	3.75	4.01	3.62	3.59	0.96
4.6	4.03	3.38	2.66	1.92	1.24	0.7	0.33	0.11	0	1.87	2.27	3.75	4.02	3.61	3.56	0.96
4.58	4.02	3.37	2.66	1.92	1.25	0.7	0.34	0.12	0	1.67	2.33	3.73	4	3.62	3.55	0.96
4.56	4.01	3.36	2.66	1.92	1.25	0.71	0.34	0.12	0	1.87	2.49	3.74	3.93	3.61	3.57	0.96
4.54	3.99	3.36	2.66	1.93	1.25	0.71	0.34	0.12	0	1.91	2.58	3.73	3.92	3.62	3.56	0.96
4.52	3.98	3.36	2.66	1.93	1.26	0.71	0.34	0.12	0	1.98	2.46	3.72	3.79	3.61	3.56	0.96
4.51	3.97	3.35	2.66	1.93	1.26	0.71	0.34	0.12	0	2	2.45	3.72	3.71	3.58	3.56	0.96
4.5	3.97	3.35	2.66	1.94	1.26	0.71	0.34	0.12	0	1.85	2.31	3.71	3.68	3.6	3.56	0.96
4.49	3.96	3.35	2.67	1.94	1.26	0.72	0.34	0.12	0	2.01	2.19	3.72	3.79	3.61	3.55	0.96
4.49	3.96	3.35	2.67	1.94	1.26	0.72	0.35	0.12	0	2.17	2.17	3.74	3.96	3.62	3.56	0.96
4.48	3.96	3.36	2.67	1.95	1.27	0.72	0.35	0.12	0	1.9	2.53	3.75	4.02	3.62	3.55	0.97
4.48	3.96	3.36	2.68	1.95	1.27	0.72	0.35	0.12	0	2.04	2.5	3.76	4.11	3.59	3.58	0.97
4.48	3.96	3.36	2.68	1.96	1.27	0.72	0.35	0.12	0	1.63	2.43	3.76	4.06	3.63	3.59	0.97
4.48	3.96	3.36	2.69	1.96	1.28	0.73	0.35	0.12	0	1.75	2.35	3.76	4.03	3.61	3.58	0.97
4.47	3.96	3.36	2.69	1.97	1.28	0.73	0.35	0.12	0	1.83	2.12	3.75	3.95	3.61	3.59	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.46	3.95	3.36	2.69	1.97	1.29	0.73	0.36	0.12	0	1.9	2.34	3.74	3.91	3.62	3.57	0.98
4.45	3.94	3.36	2.69	1.97	1.29	0.73	0.36	0.13	0	1.65	2.43	3.75	3.87	3.62	3.58	0.98
4.44	3.93	3.35	2.68	1.97	1.29	0.74	0.36	0.13	0	1.71	2.37	3.74	3.89	3.63	3.57	0.97
4.42	3.92	3.34	2.68	1.97	1.29	0.74	0.36	0.13	0	1.86	2.36	3.73	3.99	3.63	3.58	0.97
4.4	3.9	3.33	2.67	1.97	1.29	0.74	0.36	0.13	0	2.11	2.46	3.76	4.03	3.62	3.59	0.97
4.37	3.88	3.32	2.67	1.97	1.29	0.74	0.36	0.13	0	1.97	2.08	3.76	4.04	3.63	3.6	0.97
4.35	3.86	3.3	2.66	1.96	1.29	0.74	0.36	0.13	0	2.01	2.19	3.75	3.99	3.63	3.59	0.97
4.32	3.84	3.29	2.66	1.96	1.3	0.74	0.36	0.13	0	2.24	2.11	3.74	3.82	3.63	3.58	0.96
4.3	3.83	3.28	2.65	1.96	1.3	0.74	0.36	0.13	0	2.04	2.22	3.73	3.72	3.59	3.55	0.96
4.28	3.81	3.27	2.65	1.96	1.3	0.74	0.36	0.13	0	1.85	2.31	3.72	3.72	3.58	3.57	0.96
4.27	3.8	3.26	2.64	1.96	1.29	0.74	0.36	0.13	0	1.45	2.33	3.71	3.7	3.56	3.58	0.96
4.25	3.79	3.25	2.64	1.96	1.29	0.74	0.36	0.13	0	1.85	2.31	3.72	3.81	3.6	3.58	0.96
4.24	3.78	3.25	2.63	1.96	1.29	0.73	0.35	0.12	0	1.94	2.42	3.74	3.96	3.62	3.59	0.96
4.23	3.77	3.24	2.63	1.95	1.29	0.73	0.35	0.12	0	1.77	2.42	3.75	4.07	3.62	3.61	0.96
4.23	3.76	3.23	2.62	1.95	1.28	0.73	0.35	0.12	0	2.28	2.56	3.77	4.09	3.61	3.62	0.96
4.22	3.76	3.23	2.62	1.94	1.28	0.73	0.35	0.12	0	2.12	2.48	3.75	4.08	3.63	3.62	0.96
4.2	3.75	3.22	2.61	1.94	1.28	0.73	0.35	0.12	0	1.81	2.35	3.76	4.07	3.61	3.59	0.97
4.19	3.74	3.22	2.61	1.94	1.29	0.73	0.35	0.12	0	1.84	2.34	3.76	4.02	3.61	3.6	0.97
4.18	3.73	3.21	2.61	1.94	1.29	0.73	0.35	0.12	0	1.72	2.2	3.75	3.97	3.6	3.57	0.97
4.17	3.72	3.2	2.6	1.94	1.29	0.73	0.35	0.12	0	1.8	2.12	3.75	3.95	3.61	3.57	0.97
4.16	3.71	3.2	2.6	1.94	1.29	0.73	0.35	0.12	0	2.09	2.3	3.75	3.99	3.6	3.56	0.97
4.15	3.7	3.19	2.6	1.94	1.29	0.74	0.36	0.12	0	1.62	2.44	3.74	4.05	3.59	3.61	0.97
4.14	3.69	3.18	2.6	1.94	1.3	0.74	0.36	0.12	0	2.23	2.21	3.75	4.1	3.61	3.64	0.97
4.13	3.69	3.18	2.6	1.95	1.3	0.74	0.36	0.12	0	2.2	2.38	3.75	4.02	3.61	3.62	0.97
4.13	3.68	3.18	2.6	1.95	1.3	0.74	0.36	0.12	0	1.69	2.36	3.78	3.99	3.62	3.6	0.97
4.12	3.68	3.17	2.59	1.95	1.3	0.74	0.36	0.12	0	2.21	2.47	3.73	3.88	3.6	3.57	0.97
4.12	3.68	3.17	2.59	1.95	1.3	0.74	0.36	0.12	0	2.33	2.36	3.72	3.78	3.58	3.57	0.98
4.12	3.68	3.17	2.59	1.94	1.3	0.74	0.36	0.12	0	2.3	2.23	3.73	3.78	3.58	3.56	0.98
4.13	3.68	3.18	2.6	1.94	1.3	0.74	0.36	0.12	0	1.84	2.42	3.75	3.86	3.61	3.6	0.98
4.13	3.69	3.18	2.6	1.95	1.3	0.74	0.36	0.13	0	1.85	2.54	3.76	3.95	3.62	3.57	0.98
4.14	3.69	3.19	2.6	1.95	1.3	0.75	0.36	0.13	0	2.1	2.57	3.76	3.95	3.63	3.58	0.99
4.15	3.7	3.19	2.61	1.95	1.3	0.75	0.36	0.13	0	2.11	2.32	3.75	3.94	3.62	3.59	0.99
4.15	3.7	3.2	2.61	1.96	1.3	0.75	0.37	0.13	0	1.9	2.23	3.76	3.92	3.65	3.58	0.99
4.16	3.71	3.2	2.62	1.96	1.31	0.75	0.37	0.13	0	1.69	2.31	3.76	3.89	3.62	3.57	0.99
4.15	3.71	3.21	2.62	1.97	1.31	0.76	0.37	0.13	0	2.02	2.12	3.74	3.92	3.6	3.57	0.99
4.15	3.71	3.21	2.63	1.97	1.32	0.76	0.37	0.13	0	1.98	1.76	3.75	3.9	3.62	3.56	0.99
4.16	3.71	3.21	2.63	1.98	1.32	0.76	0.37	0.13	0	1.87	2.12	3.76	3.95	3.62	3.58	0.99
4.16	3.72	3.22	2.64	1.98	1.32	0.76	0.37	0.13	0	1.86	2.42	3.74	3.86	3.6	3.61	0.99
4.17	3.72	3.22	2.64	1.98	1.33	0.76	0.37	0.13	0	2.25	2.55	3.74	3.82	3.59	3.58	0.99
4.18	3.73	3.23	2.64	1.99	1.33	0.76	0.36	0.13	0	2.25	2.31	3.73	3.76	3.58	3.54	0.99
4.19	3.74	3.24	2.65	1.99	1.33	0.76	0.36	0.13	0	2	2.37	3.73	3.79	3.6	3.56	0.99
4.2	3.75	3.24	2.65	1.99	1.33	0.76	0.36	0.13	0	2.03	2.48	3.75	3.91	3.62	3.55	0.99
4.22	3.77	3.25	2.66	2	1.33	0.76	0.36	0.13	0	1.99	2.42	3.75	4.01	3.63	3.57	0.99
4.23	3.78	3.26	2.67	2	1.34	0.77	0.36	0.13	0	2.29	1.92	3.75	4.09	3.63	3.58	0.98
4.24	3.78	3.27	2.67	2.01	1.34	0.77	0.36	0.13	0	2.26	1.75	3.77	4.15	3.62	3.59	0.98
4.24	3.78	3.27	2.68	2.01	1.34	0.77	0.36	0.12	0	1.93	1.81	3.78	4.1	3.6	3.6	0.98
4.24	3.79	3.28	2.68	2.02	1.34	0.76	0.36	0.12	0	1.36	2.17	3.76	4.03	3.61	3.59	0.98
4.24	3.79	3.28	2.69	2.02	1.34	0.76	0.36	0.12	0	1.95	2.27	3.74	3.94	3.62	3.56	0.98
4.24	3.79	3.28	2.69	2.03	1.35	0.76	0.35	0.12	0	2.18	2.38	3.73	3.82	3.62	3.57	0.98
4.24	3.79	3.29	2.7	2.03	1.35	0.76	0.35	0.12	0	2.07	2.29	3.73	3.79	3.61	3.57	0.97
4.25	3.8	3.29	2.7	2.03	1.35	0.76	0.35	0.12	0	1.98	2.37	3.74	3.83	3.61	3.55	0.97
4.26	3.81	3.3	2.71	2.03	1.35	0.76	0.35	0.12	0	1.73	2.44	3.73	3.91	3.6	3.58	0.97
4.27	3.81	3.31	2.71	2.03	1.35	0.76	0.35	0.12	0	1.94	2.22	3.75	4.01	3.62	3.58	0.97
4.28	3.82	3.31	2.71	2.03	1.34	0.76	0.35	0.12	0	1.82	2.27	3.76	4.06	3.62	3.58	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.28	3.83	3.32	2.71	2.03	1.34	0.75	0.35	0.12	0	1.95	2.4	3.77	4.02	3.63	3.58	0.97
4.29	3.83	3.32	2.72	2.03	1.34	0.75	0.34	0.12	0	1.87	2.18	3.76	4.03	3.61	3.6	0.97
4.29	3.83	3.32	2.72	2.03	1.34	0.75	0.34	0.12	0	1.64	2.52	3.74	3.96	3.61	3.56	0.96
4.29	3.83	3.32	2.72	2.03	1.34	0.75	0.34	0.12	0	1.57	2.37	3.74	3.86	3.6	3.56	0.96
4.29	3.84	3.32	2.71	2.03	1.33	0.74	0.34	0.11	0	1.92	2.19	3.73	3.83	3.61	3.57	0.96
4.3	3.84	3.32	2.71	2.02	1.33	0.74	0.34	0.11	0	2.08	2.22	3.73	3.81	3.58	3.58	0.96
4.3	3.84	3.32	2.71	2.02	1.32	0.73	0.33	0.11	0	1.9	2.3	3.73	3.85	3.58	3.55	0.96
4.31	3.85	3.32	2.71	2.01	1.31	0.72	0.33	0.11	0	1.68	2.35	3.73	3.94	3.61	3.55	0.96
4.32	3.85	3.32	2.7	2	1.3	0.72	0.32	0.11	0	2.09	2.4	3.74	4	3.6	3.57	0.96
4.32	3.86	3.33	2.7	1.99	1.3	0.71	0.32	0.11	0	2.16	2.6	3.75	4	3.62	3.59	0.96
4.33	3.86	3.33	2.69	1.99	1.29	0.7	0.32	0.1	0	1.95	2.56	3.74	3.96	3.62	3.58	0.96
4.34	3.86	3.32	2.69	1.98	1.28	0.69	0.31	0.1	0	1.55	2.42	3.73	3.9	3.6	3.56	0.96
4.34	3.87	3.32	2.69	1.97	1.27	0.69	0.31	0.1	0	1.83	2.38	3.73	3.88	3.6	3.54	0.96
4.35	3.87	3.32	2.68	1.96	1.26	0.68	0.31	0.1	0	2.11	2.49	3.73	3.94	3.6	3.54	0.96
4.36	3.87	3.32	2.67	1.95	1.25	0.67	0.3	0.09	0	1.94	2.25	3.73	4	3.6	3.54	0.96
4.36	3.88	3.32	2.67	1.94	1.23	0.66	0.3	0.09	0	1.67	2.3	3.75	4.07	3.6	3.58	0.96
4.37	3.88	3.31	2.66	1.93	1.22	0.65	0.29	0.09	0	2.06	2.32	3.74	4.13	3.62	3.63	0.96
4.38	3.88	3.31	2.64	1.91	1.2	0.64	0.28	0.08	0	1.77	2.36	3.75	4.15	3.61	3.62	0.96
4.38	3.88	3.3	2.63	1.89	1.19	0.62	0.27	0.08	0	1.71	2.19	3.75	4.15	3.62	3.58	0.96
4.38	3.88	3.29	2.61	1.87	1.17	0.61	0.27	0.08	0	1.68	2.3	3.76	4.11	3.6	3.58	0.96
4.38	3.87	3.28	2.59	1.85	1.15	0.6	0.26	0.08	0	1.83	2.48	3.76	4.09	3.59	3.58	0.96
4.38	3.86	3.26	2.57	1.83	1.13	0.59	0.25	0.07	0	1.85	2.45	3.74	4.13	3.6	3.6	0.96
4.38	3.86	3.25	2.55	1.81	1.11	0.58	0.25	0.07	0	1.69	2.42	3.75	4.14	3.61	3.61	0.96
4.39	3.85	3.24	2.53	1.79	1.1	0.56	0.24	0.07	0	2.03	2.25	3.75	4.16	3.6	3.61	0.96
4.39	3.84	3.22	2.51	1.77	1.08	0.56	0.24	0.07	0	2.2	2.43	3.76	4.16	3.62	3.63	0.96
4.39	3.84	3.21	2.5	1.75	1.07	0.55	0.23	0.06	0	1.77	2.49	3.74	4.15	3.61	3.6	0.96
4.39	3.83	3.19	2.48	1.73	1.05	0.54	0.23	0.06	0	1.68	2.23	3.75	4.05	3.6	3.61	0.96
4.39	3.82	3.18	2.46	1.71	1.03	0.53	0.22	0.06	0	2.01	2.41	3.74	4	3.61	3.58	0.96
4.38	3.81	3.16	2.44	1.68	1.02	0.52	0.22	0.06	0	1.86	2.51	3.74	3.99	3.61	3.56	0.97
4.37	3.8	3.15	2.41	1.66	1	0.51	0.21	0.06	0	1.8	2.33	3.74	3.96	3.59	3.57	0.97
4.37	3.79	3.13	2.39	1.64	0.98	0.49	0.2	0.05	0	2.16	2.14	3.75	4.01	3.59	3.57	0.97
4.35	3.77	3.11	2.37	1.62	0.96	0.48	0.2	0.05	0	1.81	2.21	3.75	3.99	3.62	3.59	0.97
4.34	3.76	3.09	2.34	1.6	0.94	0.47	0.19	0.05	0	1.65	2.41	3.75	3.95	3.6	3.59	0.97
4.34	3.75	3.07	2.32	1.58	0.93	0.46	0.18	0.04	0	1.75	2.48	3.74	3.89	3.6	3.58	0.98
4.33	3.74	3.06	2.31	1.56	0.91	0.45	0.18	0.04	0	1.56	2.52	3.72	3.79	3.59	3.57	0.98
4.33	3.73	3.04	2.29	1.54	0.89	0.43	0.17	0.04	0	1.47	2.52	3.73	3.77	3.62	3.58	0.98
4.33	3.72	3.03	2.27	1.52	0.88	0.42	0.17	0.04	0	1.67	2.39	3.74	3.8	3.62	3.57	0.98
4.32	3.71	3.01	2.25	1.5	0.86	0.42	0.16	0.04	0	2.03	2.43	3.75	3.9	3.62	3.57	0.98
4.32	3.7	3	2.23	1.48	0.85	0.41	0.16	0.04	0	1.78	2.43	3.75	3.95	3.61	3.58	0.98
4.32	3.69	2.98	2.21	1.46	0.83	0.4	0.15	0.04	0	1.83	2.38	3.77	3.97	3.6	3.59	0.98
4.31	3.68	2.96	2.19	1.45	0.82	0.39	0.15	0.04	0	1.83	2.17	3.75	4.02	3.59	3.57	0.98
4.3	3.67	2.94	2.17	1.43	0.81	0.38	0.15	0.03	0	1.64	2.29	3.74	4.04	3.61	3.58	0.98
4.28	3.65	2.92	2.15	1.41	0.8	0.38	0.15	0.03	0	2.19	2.27	3.75	4.05	3.62	3.58	0.98
4.27	3.63	2.9	2.13	1.39	0.79	0.37	0.14	0.03	0	1.72	2.06	3.76	4.02	3.62	3.58	0.98
4.25	3.61	2.88	2.1	1.37	0.78	0.37	0.14	0.03	0	1.77	2.26	3.73	3.96	3.62	3.58	0.97
4.24	3.59	2.86	2.08	1.36	0.77	0.36	0.14	0.03	0	2.24	2.44	3.72	3.85	3.6	3.56	0.97
4.23	3.58	2.84	2.06	1.34	0.75	0.36	0.14	0.03	0	2.24	2.47	3.72	3.78	3.6	3.55	0.97
4.23	3.57	2.82	2.04	1.32	0.74	0.35	0.13	0.03	0	1.87	2.41	3.72	3.8	3.63	3.58	0.97
4.23	3.56	2.8	2.02	1.3	0.73	0.35	0.13	0.03	0	2.06	2.35	3.75	3.83	3.62	3.58	0.97
4.23	3.55	2.79	2.01	1.29	0.72	0.34	0.13	0.03	0	1.44	2.23	3.73	3.82	3.61	3.57	0.97
4.24	3.54	2.77	1.99	1.27	0.71	0.34	0.13	0.03	0	1.63	2.33	3.73	3.85	3.61	3.56	0.97
4.25	3.54	2.76	1.97	1.26	0.7	0.33	0.12	0.03	0	1.23	2.51	3.74	3.86	3.6	3.56	0.97
4.25	3.53	2.75	1.96	1.25	0.69	0.33	0.12	0.03	0	1.43	2.39	3.74	3.89	3.61	3.57	0.97
4.26	3.53	2.74	1.95	1.24	0.69	0.32	0.12	0.03	0	1.94	2.31	3.75	3.94	3.61	3.57	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.27	3.53	2.74	1.94	1.23	0.68	0.32	0.12	0.03	0	1.67	2.18	3.75	3.92	3.62	3.57	0.96
4.27	3.53	2.73	1.94	1.22	0.67	0.31	0.11	0.03	0	1.54	2.16	3.75	3.9	3.6	3.56	0.96
4.28	3.54	2.73	1.93	1.21	0.67	0.31	0.11	0.02	0	1.71	2.17	3.73	3.85	3.59	3.57	0.96
4.29	3.54	2.73	1.92	1.21	0.66	0.3	0.11	0.02	0	1.76	2.12	3.73	3.77	3.62	3.57	0.96
4.29	3.54	2.73	1.92	1.2	0.65	0.3	0.11	0.02	0	1.63	2.29	3.72	3.72	3.6	3.55	0.96
4.3	3.55	2.73	1.92	1.2	0.64	0.29	0.1	0.02	0	1.09	2.45	3.74	3.71	3.59	3.54	0.96
4.31	3.56	2.74	1.92	1.19	0.64	0.29	0.1	0.02	0	1.58	2.45	3.72	3.8	3.61	3.56	0.96
4.33	3.57	2.75	1.92	1.19	0.63	0.28	0.1	0.02	0	1.66	2.34	3.73	3.85	3.61	3.57	0.96
4.34	3.59	2.75	1.92	1.18	0.62	0.28	0.1	0.02	0	1.66	2.23	3.74	3.89	3.61	3.58	0.96
4.35	3.6	2.76	1.92	1.18	0.62	0.27	0.09	0.02	0	1.79	2.28	3.75	3.86	3.6	3.57	0.96
4.36	3.61	2.77	1.92	1.17	0.61	0.27	0.09	0.01	0	1.79	2.06	3.73	3.8	3.61	3.57	0.96
4.37	3.61	2.78	1.92	1.17	0.61	0.27	0.09	0.01	0	1.81	2.2	3.74	3.82	3.59	3.55	0.96
4.37	3.62	2.78	1.93	1.17	0.61	0.26	0.08	0.01	0	1.95	2.24	3.75	3.9	3.6	3.57	0.97
4.37	3.62	2.78	1.93	1.17	0.6	0.26	0.08	0.01	0	1.67	2.47	3.75	4	3.61	3.57	0.97
4.37	3.62	2.78	1.93	1.16	0.6	0.25	0.08	0.01	0	2.06	2.15	3.76	4.06	3.61	3.59	0.97
4.37	3.62	2.78	1.93	1.16	0.6	0.25	0.08	0.01	0	1.89	1.56	3.75	4.02	3.62	3.61	0.97
4.36	3.61	2.78	1.92	1.16	0.59	0.25	0.08	0.01	0	0.98	2.01	3.74	3.97	3.62	3.57	0.97
4.36	3.61	2.77	1.92	1.16	0.59	0.25	0.08	0.01	0	1.52	2.32	3.75	3.89	3.62	3.57	0.97
4.35	3.6	2.77	1.92	1.16	0.59	0.25	0.08	0.01	0	2.01	2.41	3.74	3.86	3.62	3.57	0.97
4.34	3.6	2.76	1.91	1.15	0.59	0.24	0.08	0.01	0	1.49	2.14	3.74	3.82	3.62	3.59	0.97
4.34	3.59	2.76	1.91	1.15	0.59	0.24	0.08	0.01	0	1.61	2.39	3.77	3.85	3.63	3.57	0.97
4.33	3.58	2.75	1.9	1.15	0.58	0.24	0.08	0.01	0	1.55	2.27	3.75	3.88	3.61	3.57	0.98
4.32	3.57	2.74	1.9	1.14	0.58	0.24	0.07	0.01	0	1.76	2.07	3.73	3.86	3.62	3.57	0.98
4.31	3.57	2.73	1.89	1.14	0.58	0.23	0.07	0.01	0	1.46	2.21	3.74	3.86	3.62	3.57	0.98
4.31	3.56	2.73	1.88	1.13	0.57	0.23	0.07	0.01	0	1.85	2.18	3.74	3.84	3.61	3.56	0.98
4.3	3.55	2.72	1.87	1.12	0.56	0.23	0.07	0.01	0	1.82	1.67	3.73	3.76	3.61	3.56	0.98
4.3	3.55	2.71	1.86	1.11	0.56	0.22	0.07	0.01	0	1.83	2.28	3.73	3.72	3.6	3.58	0.98
4.31	3.55	2.7	1.85	1.1	0.55	0.22	0.07	0.01	0	2.08	2.4	3.75	3.82	3.61	3.57	0.98
4.31	3.54	2.69	1.84	1.09	0.54	0.21	0.06	0.01	0	2.18	2.47	3.74	3.95	3.62	3.59	0.98
4.31	3.54	2.68	1.83	1.08	0.53	0.21	0.06	0.01	0	1.76	2.52	3.76	4.06	3.6	3.6	0.97
4.31	3.53	2.67	1.81	1.07	0.53	0.21	0.06	0.01	0	2.36	2.12	3.78	4.13	3.61	3.62	0.97
4.31	3.53	2.66	1.8	1.05	0.52	0.2	0.06	0.01	0	2.34	2.42	3.76	4.14	3.61	3.61	0.97
4.31	3.52	2.65	1.79	1.04	0.51	0.2	0.06	0.01	0	1.82	2.39	3.78	4.07	3.62	3.59	0.97
4.31	3.51	2.63	1.77	1.03	0.5	0.2	0.06	0.01	0	2.08	2.33	3.75	3.99	3.62	3.6	0.97
4.3	3.5	2.62	1.76	1.02	0.49	0.19	0.05	0.01	0	2.1	2.44	3.73	3.86	3.6	3.56	0.97
4.3	3.48	2.6	1.74	1.01	0.49	0.19	0.05	0.01	0	1.93	2.31	3.73	3.76	3.59	3.55	0.97
4.29	3.47	2.58	1.72	1	0.48	0.19	0.05	0.01	0	1.41	2.16	3.74	3.78	3.61	3.57	0.97
4.28	3.46	2.57	1.71	0.98	0.47	0.18	0.05	0.01	0	1.69	2.15	3.75	3.91	3.64	3.59	0.97
4.27	3.44	2.55	1.69	0.97	0.47	0.18	0.05	0.01	0	1.72	2.24	3.76	4.03	3.61	3.56	0.97
4.26	3.42	2.53	1.67	0.96	0.46	0.17	0.05	0.01	0	1.83	2.24	3.75	4.06	3.61	3.57	0.97
4.25	3.4	2.51	1.66	0.95	0.45	0.17	0.05	0.01	0	1.85	2.55	3.77	4.03	3.6	3.58	0.97
4.23	3.38	2.49	1.64	0.94	0.45	0.17	0.04	0.01	0	1.61	2.16	3.75	3.92	3.6	3.56	0.97
4.21	3.36	2.47	1.62	0.93	0.44	0.16	0.04	0.01	0	1.69	1.9	3.75	3.91	3.62	3.56	0.97
4.2	3.34	2.45	1.61	0.91	0.43	0.16	0.04	0.009	0	1.91	2.19	3.76	3.82	3.61	3.57	0.97
4.18	3.32	2.43	1.59	0.9	0.42	0.15	0.04	0.009	0	1.46	2.37	3.74	3.76	3.61	3.57	0.97
4.17	3.31	2.41	1.58	0.89	0.42	0.15	0.04	0.008	0	1.62	2.55	3.75	3.82	3.6	3.56	0.97
4.15	3.29	2.4	1.56	0.88	0.41	0.15	0.04	0.008	0	1.57	2.47	3.74	3.91	3.65	3.57	0.97
4.14	3.28	2.38	1.55	0.87	0.4	0.15	0.04	0.007	0	1.48	2.27	3.76	3.95	3.61	3.58	0.97
4.13	3.26	2.37	1.54	0.86	0.39	0.14	0.04	0.007	0	1.81	2.33	3.73	3.98	3.62	3.57	0.97
4.12	3.25	2.36	1.52	0.85	0.39	0.14	0.04	0.006	0	1.98	2.29	3.75	3.94	3.63	3.57	0.97
4.11	3.24	2.34	1.51	0.83	0.38	0.14	0.03	0.006	0	1.9	2.17	3.74	3.83	3.63	3.58	0.97
4.1	3.23	2.33	1.5	0.82	0.38	0.14	0.03	0.006	0	1.85	1.89	3.73	3.72	3.61	3.57	0.97
4.08	3.21	2.31	1.48	0.81	0.37	0.14	0.03	0.006	0	1.96	2.25	3.74	3.71	3.63	3.56	0.98
4.07	3.2	2.29	1.46	0.8	0.36	0.13	0.03	0.005	0	1.99	2.49	3.74	3.82	3.61	3.56	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.05	3.18	2.27	1.45	0.79	0.36	0.13	0.03	0.005	0	1.63	2.53	3.73	3.91	3.59	3.58	0.98
4.04	3.16	2.25	1.43	0.78	0.35	0.13	0.03	0.005	0	1.67	2.48	3.74	3.95	3.61	3.57	0.98
4.02	3.13	2.23	1.41	0.76	0.35	0.13	0.03	0.005	0	1.66	2.46	3.75	3.96	3.6	3.57	0.98
4	3.11	2.2	1.39	0.75	0.34	0.13	0.03	0.006	0	1.48	2.27	3.76	3.95	3.61	3.58	0.98
3.97	3.08	2.17	1.37	0.74	0.34	0.13	0.03	0.007	0	1.73	2.12	3.75	3.91	3.61	3.59	0.98
3.94	3.04	2.15	1.35	0.73	0.33	0.13	0.04	0.008	0	1.92	2.06	3.75	3.85	3.63	3.56	0.98
3.91	3.01	2.12	1.33	0.72	0.33	0.13	0.04	0.009	0	1.69	2.35	3.74	3.87	3.62	3.55	0.98
3.89	2.98	2.09	1.3	0.71	0.33	0.13	0.04	0.009	0	1.61	2.22	3.76	3.93	3.62	3.56	0.98
3.86	2.95	2.06	1.28	0.7	0.32	0.13	0.04	0.009	0	1.87	2.18	3.74	3.97	3.61	3.54	0.98
3.83	2.92	2.03	1.26	0.68	0.31	0.12	0.04	0.009	0	1.93	2.38	3.76	3.99	3.58	3.59	0.98
3.81	2.89	2	1.24	0.67	0.31	0.12	0.04	0.008	0	1.43	2.39	3.75	3.96	3.63	3.59	0.97
3.79	2.87	1.98	1.22	0.65	0.3	0.12	0.04	0.008	0	1.92	2.51	3.73	3.9	3.62	3.59	0.97
3.77	2.84	1.95	1.19	0.64	0.29	0.11	0.03	0.008	0	2.17	2.52	3.74	3.87	3.6	3.55	0.97
3.75	2.82	1.93	1.17	0.62	0.28	0.11	0.03	0.007	0	1.95	2.4	3.74	3.94	3.6	3.57	0.97
3.73	2.8	1.9	1.15	0.6	0.27	0.1	0.03	0.007	0	1.62	2.4	3.76	3.99	3.59	3.57	0.97
3.71	2.77	1.87	1.12	0.59	0.26	0.1	0.03	0.006	0	1.7	2.33	3.75	4.01	3.6	3.59	0.97
3.68	2.74	1.85	1.1	0.57	0.26	0.09	0.02	0.006	0	1.92	2.3	3.76	4.08	3.62	3.59	0.97
3.66	2.71	1.82	1.08	0.56	0.25	0.09	0.02	0.006	0	2.07	1.94	3.76	4.04	3.62	3.6	0.97
3.62	2.68	1.79	1.06	0.55	0.24	0.09	0.02	0.006	0	1.87	2.23	3.77	4.1	3.61	3.59	0.97
3.59	2.65	1.76	1.04	0.54	0.24	0.09	0.02	0.006	0	1.51	2.36	3.77	3.99	3.6	3.57	0.97
3.55	2.61	1.73	1.02	0.53	0.23	0.08	0.02	0.006	0	2	2.3	3.74	3.92	3.61	3.57	0.97
3.52	2.58	1.71	1.01	0.52	0.23	0.09	0.02	0.007	0	1.97	2.26	3.73	3.87	3.63	3.56	0.97
3.48	2.54	1.68	0.99	0.52	0.23	0.09	0.02	0.008	0	2.02	2.24	3.74	3.93	3.62	3.56	0.97
3.44	2.51	1.65	0.98	0.51	0.23	0.09	0.03	0.009	0	2.06	2.24	3.75	3.99	3.62	3.57	0.97
3.41	2.47	1.63	0.97	0.51	0.23	0.09	0.03	0.01	0	1.91	2.51	3.76	4.03	3.63	3.58	0.97
3.37	2.44	1.6	0.95	0.5	0.23	0.09	0.03	0.01	0	1.35	2.34	3.76	3.98	3.61	3.6	0.97
3.33	2.4	1.58	0.94	0.5	0.24	0.09	0.03	0.01	0	1.74	2.31	3.75	3.93	3.61	3.57	0.97
3.29	2.36	1.55	0.93	0.5	0.24	0.09	0.03	0.01	0	1.89	2.5	3.75	3.86	3.6	3.56	0.96
3.24	2.32	1.53	0.91	0.49	0.24	0.1	0.03	0.01	0	1.81	2.33	3.74	3.81	3.59	3.61	0.96
3.2	2.29	1.5	0.9	0.49	0.24	0.1	0.04	0.01	0	1.9	2.14	3.74	3.79	3.61	3.56	0.96
3.15	2.25	1.48	0.89	0.48	0.24	0.1	0.04	0.01	0	1.66	1.97	3.74	3.79	3.63	3.56	0.96
3.11	2.21	1.45	0.88	0.48	0.24	0.1	0.04	0.01	0	1.55	2.4	3.75	3.79	3.59	3.58	0.96
3.06	2.17	1.43	0.87	0.48	0.24	0.1	0.04	0.01	0	1.81	2.33	3.74	3.79	3.62	3.58	0.96
3.02	2.14	1.41	0.86	0.47	0.23	0.1	0.04	0.01	0	1.74	2.52	3.75	3.76	3.62	3.59	0.96
2.98	2.1	1.38	0.84	0.47	0.23	0.09	0.03	0.01	0	1.82	2.43	3.74	3.75	3.6	3.59	0.96
2.94	2.07	1.36	0.83	0.46	0.22	0.09	0.03	0.009	0	1.75	2.36	3.74	3.76	3.62	3.56	0.96
2.9	2.04	1.34	0.82	0.45	0.22	0.09	0.03	0.009	0	1.49	2.52	3.74	3.78	3.59	3.56	0.96
2.87	2.01	1.32	0.81	0.44	0.21	0.08	0.03	0.008	0	1.81	2.51	3.74	3.88	3.61	3.58	0.96
2.84	1.99	1.31	0.8	0.44	0.21	0.08	0.02	0.008	0	1.66	2.17	3.77	3.94	3.63	3.59	0.96
2.81	1.97	1.29	0.79	0.43	0.2	0.08	0.02	0.007	0	1.7	2.22	3.76	3.94	3.63	3.6	0.96
2.78	1.95	1.28	0.78	0.43	0.2	0.08	0.02	0.007	0	1.83	2.37	3.75	3.87	3.62	3.59	0.96
2.76	1.93	1.27	0.78	0.42	0.2	0.07	0.02	0.006	0	2.22	2.33	3.73	3.85	3.59	3.57	0.96
2.74	1.91	1.26	0.77	0.42	0.2	0.07	0.02	0.006	0	1.91	2.41	3.75	3.84	3.6	3.56	0.96
2.73	1.9	1.25	0.77	0.42	0.2	0.07	0.02	0.006	0	1.73	2.33	3.75	3.87	3.61	3.57	0.96
2.72	1.9	1.25	0.77	0.42	0.19	0.07	0.02	0.006	0	1.51	2.41	3.74	3.89	3.62	3.58	0.96
2.71	1.89	1.25	0.76	0.42	0.19	0.07	0.02	0.006	0	1.66	2.3	3.75	3.86	3.6	3.55	0.96
2.7	1.88	1.24	0.76	0.41	0.19	0.07	0.02	0.006	0	1.48	1.93	3.76	3.87	3.62	3.57	0.96
2.69	1.88	1.24	0.76	0.41	0.19	0.07	0.02	0.005	0	1.7	2.29	3.75	3.89	3.63	3.55	0.96
2.69	1.88	1.24	0.76	0.41	0.19	0.07	0.02	0.005	0	1.91	2.12	3.77	3.97	3.63	3.58	0.96
2.69	1.89	1.25	0.76	0.41	0.19	0.07	0.02	0.005	0	1.84	2.35	3.76	3.99	3.63	3.59	0.96
2.7	1.9	1.25	0.76	0.41	0.18	0.06	0.02	0.004	0	1.41	2.43	3.75	3.96	3.63	3.58	0.96
2.71	1.91	1.26	0.76	0.41	0.18	0.06	0.02	0.004	0	1.84	2.29	3.75	3.9	3.64	3.58	0.96
2.73	1.93	1.27	0.77	0.41	0.18	0.06	0.02	0.003	0	2.07	2.24	3.74	3.84	3.62	3.59	0.96
2.75	1.95	1.29	0.77	0.41	0.18	0.06	0.02	0.003	0	1.67	2.35	3.73	3.73	3.63	3.58	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.78	1.98	1.3	0.78	0.41	0.18	0.06	0.02	0.003	0	1.54	2.19	3.72	3.69	3.62	3.6	0.96
2.83	2.01	1.32	0.79	0.41	0.17	0.06	0.02	0.004	0	1.81	2.34	3.74	3.81	3.61	3.58	0.96
2.87	2.05	1.35	0.8	0.41	0.17	0.06	0.02	0.005	0	1.86	2.53	3.76	3.98	3.62	3.57	0.96
2.93	2.1	1.38	0.81	0.41	0.17	0.06	0.02	0.005	0	2.03	2.48	3.78	4.08	3.63	3.6	0.96
2.99	2.15	1.41	0.83	0.42	0.17	0.06	0.01	0.005	0	2.19	1.91	3.78	4.11	3.64	3.63	0.96
3.05	2.21	1.45	0.85	0.42	0.17	0.05	0.01	0.005	0	2.15	2.18	3.77	4.12	3.62	3.65	0.96
3.12	2.27	1.49	0.87	0.43	0.17	0.05	0.01	0.005	0	1.55	2.4	3.76	4.04	3.62	3.58	0.96
3.18	2.33	1.53	0.89	0.43	0.17	0.05	0.01	0.005	0	1.95	2.31	3.74	3.9	3.6	3.56	0.96
3.25	2.39	1.58	0.91	0.44	0.17	0.05	0.01	0.005	0	1.9	2.12	3.72	3.76	3.61	3.59	0.96
3.31	2.45	1.62	0.93	0.44	0.17	0.05	0.01	0.005	0	1.75	1.97	3.72	3.71	3.59	3.6	0.96
3.37	2.51	1.66	0.94	0.45	0.17	0.06	0.01	0.006	0	1.9	2.28	3.73	3.7	3.61	3.56	0.96
3.43	2.56	1.7	0.96	0.45	0.17	0.05	0.01	0.006	0	1.87	2.39	3.74	3.78	3.62	3.56	0.96
3.49	2.61	1.73	0.98	0.45	0.16	0.05	0.01	0.006	0	1.78	2.21	3.76	3.84	3.63	3.58	0.96
3.53	2.65	1.76	0.99	0.45	0.16	0.05	0.01	0.005	0	1.76	2.11	3.75	3.9	3.62	3.58	0.96
3.57	2.68	1.78	0.99	0.44	0.15	0.04	0.01	-0.001	0	1.73	1.87	3.76	3.93	3.64	3.57	0.97
3.6	2.71	1.8	1	0.44	0.14	0.04	0.009	-0.003	0	1.68	2.31	3.77	3.91	3.63	3.6	0.97
3.63	2.73	1.81	1	0.43	0.14	0.04	0.009	-0.003	0	1.87	2.51	3.76	3.83	3.63	3.55	0.97
3.65	2.75	1.82	1	0.43	0.14	0.04	0.009	-0.002	0	1.61	2.48	3.76	3.79	3.61	3.55	0.97
3.66	2.76	1.83	1.01	0.43	0.14	0.04	0.009	-0.002	0	2.19	2.36	3.76	3.9	3.62	3.58	0.97
3.67	2.77	1.83	1	0.43	0.14	0.04	0.009	-0.002	0	2.08	2.14	3.75	3.97	3.62	3.58	0.97
3.67	2.76	1.83	1	0.42	0.13	0.03	0.009	-0.002	0	1.47	2.51	3.75	4.06	3.62	3.59	0.97
3.66	2.76	1.82	0.99	0.41	0.13	0.03	0.009	-0.001	0	2.14	2.53	3.77	4.12	3.63	3.62	0.97
3.65	2.74	1.8	0.98	0.41	0.13	0.03	0.009	-0.001	0	2.07	2.28	3.77	4.12	3.62	3.61	0.98
3.63	2.72	1.78	0.96	0.4	0.12	0.03	0.009	-0.001	0	1.6	2.33	3.76	4.03	3.6	3.58	0.98
3.61	2.7	1.76	0.94	0.39	0.12	0.03	0.009	-0.001	0	1.95	2.21	3.75	3.97	3.61	3.56	0.98
3.59	2.67	1.73	0.92	0.38	0.12	0.03	0.009	-0.002	0	2.07	2.1	3.74	3.92	3.63	3.55	0.98
3.56	2.64	1.71	0.9	0.37	0.11	0.03	0.009	-0.002	0	1.98	2.2	3.75	3.88	3.61	3.58	0.98
3.53	2.6	1.67	0.88	0.36	0.11	0.03	0.008	-0.002	0	1.87	2.15	3.74	3.95	3.61	3.55	0.98
3.49	2.56	1.64	0.86	0.35	0.11	0.02	0.008	-0.002	0	1.88	1.58	3.75	4.01	3.63	3.58	0.98
3.45	2.52	1.6	0.83	0.34	0.1	0.02	0.007	-0.001	0	1.93	2.31	3.76	4.04	3.61	3.59	0.98
3.41	2.46	1.55	0.8	0.33	0.1	0.02	0.007	-0.001	0	1.81	2.52	3.76	4.05	3.6	3.6	0.98
3.35	2.41	1.51	0.78	0.32	0.1	0.02	0.006	0	0	1.82	2.45	3.76	4.05	3.6	3.6	0.98
3.29	2.34	1.46	0.75	0.31	0.1	0.02	0.005	0	0	1.69	2.26	3.76	4.02	3.61	3.57	0.97
3.22	2.28	1.41	0.72	0.3	0.09	0.02	0.004	0	0	1.48	2.09	3.75	3.97	3.61	3.58	0.97
3.14	2.21	1.35	0.7	0.29	0.09	0.02	0.004	0	0	1.98	2.14	3.75	4	3.62	3.59	0.97
3.07	2.14	1.31	0.67	0.28	0.09	0.02	0.003	-0.001	0	1.86	2.43	3.75	4.02	3.6	3.58	0.97
2.99	2.07	1.26	0.65	0.28	0.09	0.02	0.004	0	0	1.71	2.46	3.75	4.01	3.61	3.58	0.96
2.91	2	1.21	0.63	0.27	0.09	0.02	0.004	0	0	1.9	2.47	3.76	4.08	3.62	3.59	0.96
2.83	1.94	1.17	0.61	0.27	0.09	0.02	0.005	0	0	2.12	2.22	3.75	4.06	3.62	3.6	0.96
2.76	1.87	1.13	0.59	0.26	0.09	0.02	0.005	0	0	1.9	2.09	3.76	4.05	3.62	3.58	0.96
2.69	1.82	1.09	0.57	0.25	0.08	0.02	0.004	0	0	1.86	2.24	3.75	4.02	3.61	3.57	0.96
2.62	1.76	1.06	0.56	0.25	0.08	0.02	0.004	0	0	1.95	2.48	3.75	3.93	3.62	3.58	0.96
2.56	1.71	1.03	0.54	0.25	0.08	0.02	0.005	0	0	1.88	2.44	3.74	3.86	3.6	3.56	0.96
2.51	1.67	1	0.53	0.24	0.08	0.02	0.005	0	0	1.92	2.45	3.74	3.89	3.61	3.57	0.96
2.46	1.63	0.98	0.52	0.24	0.08	0.02	0.005	0.001	0	1.41	2.27	3.75	3.93	3.62	3.57	0.96
2.43	1.61	0.97	0.52	0.24	0.09	0.02	0.006	0	0	1.56	2.31	3.75	3.94	3.63	3.57	0.96
2.4	1.59	0.95	0.51	0.24	0.09	0.02	0.007	0	0	1.74	2.36	3.74	3.96	3.63	3.57	0.96
2.38	1.57	0.95	0.51	0.24	0.09	0.02	0.007	0	0	1.48	2.19	3.75	3.95	3.61	3.57	0.96
2.37	1.56	0.94	0.51	0.24	0.09	0.02	0.008	0	0	1.79	2.35	3.76	3.98	3.62	3.58	0.96
2.37	1.56	0.94	0.51	0.24	0.09	0.02	0.008	0.001	0	2.05	2.32	3.77	4.02	3.61	3.58	0.96
2.37	1.56	0.93	0.51	0.24	0.09	0.02	0.008	0.001	0	1.74	2.48	3.76	4.03	3.62	3.58	0.96
2.39	1.56	0.94	0.5	0.24	0.09	0.02	0.008	0.001	0	2.06	2.31	3.76	4.05	3.64	3.59	0.96
2.41	1.58	0.94	0.51	0.24	0.09	0.02	0.008	0.002	0	1.77	2.17	3.76	4.02	3.62	3.58	0.96
2.44	1.59	0.94	0.51	0.24	0.09	0.02	0.008	0.002	0	1.64	2.45	3.74	3.99	3.61	3.57	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.49	1.61	0.95	0.51	0.24	0.09	0.02	0.008	0.002	0	1.75	2.45	3.74	3.93	3.62	3.56	0.96
2.53	1.64	0.96	0.51	0.24	0.09	0.02	0.008	0.003	0	1.91	2.25	3.73	3.92	3.61	3.54	0.96
2.58	1.66	0.97	0.51	0.24	0.09	0.02	0.007	0.003	0	1.54	2.26	3.73	3.94	3.62	3.58	0.96
2.63	1.68	0.97	0.51	0.24	0.09	0.02	0.006	0.004	0	2.04	2.42	3.76	4.01	3.61	3.58	0.96
2.67	1.7	0.98	0.51	0.23	0.09	0.02	0.005	0.004	0	2.05	2.36	3.74	4.04	3.63	3.6	0.96
2.72	1.73	0.99	0.51	0.23	0.08	0.02	0.004	0.005	0	1.56	2.2	3.74	4.02	3.63	3.59	0.96
2.75	1.75	1	0.51	0.23	0.08	0.02	0.004	0.005	0	2.03	2.3	3.73	3.94	3.6	3.56	0.96
2.78	1.76	1	0.51	0.23	0.08	0.02	0.003	0.005	0	1.71	1.99	3.74	3.91	3.61	3.56	0.96
2.81	1.78	1.01	0.52	0.23	0.08	0.02	0.002	0.006	0	1.84	2	3.75	3.9	3.61	3.57	0.96
2.83	1.79	1.02	0.52	0.23	0.08	0.02	0.002	0.006	0	1.38	2.42	3.74	3.93	3.62	3.58	0.97
2.84	1.8	1.03	0.53	0.24	0.08	0.02	0.003	0.006	0	1.84	2.51	3.75	3.97	3.61	3.57	0.97
2.84	1.81	1.03	0.53	0.24	0.08	0.02	0.003	0.005	0	1.85	2.41	3.76	4	3.61	3.56	0.97
2.84	1.82	1.04	0.53	0.24	0.08	0.02	0.003	0.005	0	1.62	2.37	3.74	3.97	3.63	3.57	0.97
2.84	1.82	1.05	0.54	0.24	0.08	0.01	0.003	0.005	0	1.81	2.53	3.75	3.95	3.62	3.56	0.98
2.84	1.83	1.05	0.54	0.24	0.08	0.01	0.003	0.005	0	1.88	2.47	3.74	3.98	3.62	3.56	0.98
2.84	1.83	1.06	0.55	0.24	0.08	0.01	0.003	0.004	0	1.55	2.34	3.77	4	3.61	3.56	0.98
2.84	1.84	1.07	0.55	0.24	0.08	0.01	0.003	0.004	0	1.61	2.17	3.75	3.99	3.61	3.56	0.98
2.85	1.85	1.08	0.56	0.25	0.08	0.01	0.004	0.004	0	1.67	2.21	3.76	3.99	3.62	3.56	0.98
2.85	1.86	1.08	0.56	0.25	0.08	0.01	0.004	0.003	0	1.56	2.11	3.77	4	3.64	3.57	0.98
2.86	1.86	1.09	0.57	0.25	0.08	0.01	0.004	0.003	0	1.72	2.08	3.76	4.05	3.62	3.57	0.97
2.87	1.88	1.1	0.57	0.26	0.08	0.01	0.004	0.003	0	1.59	2.45	3.77	4.04	3.62	3.58	0.97
2.88	1.89	1.11	0.58	0.26	0.08	0.01	0.005	0.002	0	1.52	2.57	3.76	4.03	3.61	3.6	0.97
2.9	1.91	1.13	0.59	0.27	0.09	0.01	0.005	0.001	0	1.78	2.28	3.75	4.01	3.62	3.59	0.96
2.92	1.93	1.14	0.6	0.27	0.09	0.02	0.006	0.001	0	1.77	2.21	3.74	4.01	3.59	3.59	0.96
2.94	1.95	1.16	0.61	0.28	0.09	0.02	0.006	0	0	2.08	2.2	3.75	3.97	3.59	3.59	0.96
2.97	1.98	1.18	0.62	0.28	0.1	0.02	0.008	0	0	1.87	2.1	3.75	3.89	3.62	3.59	0.96
3.01	2.01	1.2	0.63	0.29	0.1	0.02	0.01	0.001	0	2.18	2.04	3.74	3.77	3.59	3.56	0.95
3.05	2.05	1.23	0.65	0.29	0.1	0.02	0.01	0.002	0	2.2	2.25	3.72	3.72	3.61	3.55	0.95
3.1	2.09	1.26	0.66	0.3	0.11	0.03	0.01	0.002	0	1.98	2.32	3.73	3.71	3.61	3.53	0.95
3.16	2.14	1.29	0.68	0.3	0.11	0.03	0.01	0.002	0	1.84	2.37	3.73	3.71	3.59	3.59	0.95
3.22	2.19	1.32	0.7	0.31	0.11	0.03	0.009	0.001	0	1.48	2.15	3.74	3.85	3.6	3.57	0.95
3.27	2.24	1.36	0.72	0.32	0.11	0.02	0.007	0.001	0	2.18	2.12	3.76	3.97	3.62	3.59	0.95
3.33	2.29	1.4	0.73	0.32	0.11	0.02	0.006	0	0	2.22	2.51	3.77	4.07	3.62	3.58	0.95
3.39	2.35	1.44	0.76	0.33	0.11	0.02	0.004	-0.001	0	2.34	2.58	3.75	4.08	3.61	3.6	0.95
3.44	2.4	1.48	0.78	0.34	0.12	0.02	0.004	-0.001	0	2.14	2.34	3.75	4.06	3.63	3.62	0.95
3.5	2.46	1.52	0.81	0.35	0.12	0.02	0.004	0	0	1.67	2.34	3.74	3.95	3.61	3.6	0.95
3.57	2.52	1.57	0.83	0.36	0.12	0.02	0.003	0.001	0	2.18	2.38	3.74	3.84	3.61	3.56	0.95
3.63	2.58	1.62	0.86	0.37	0.12	0.02	0.003	0.003	0	2.35	2.25	3.73	3.73	3.59	3.56	0.96
3.7	2.65	1.66	0.88	0.38	0.12	0.02	0.003	0.004	0	2.35	2.38	3.74	3.78	3.58	3.54	0.96
3.77	2.71	1.71	0.91	0.39	0.12	0.02	0.003	0.006	0	2.23	2.38	3.73	3.92	3.59	3.56	0.96
3.83	2.77	1.76	0.93	0.39	0.12	0.02	0.003	0.008	0	1.56	2.01	3.77	4.06	3.63	3.6	0.96
3.89	2.82	1.8	0.96	0.4	0.13	0.02	0.004	0.009	0	2.36	2.41	3.77	4.14	3.62	3.59	0.96
3.93	2.87	1.83	0.98	0.41	0.13	0.02	0.004	0.01	0	2.43	2.49	3.78	4.13	3.63	3.61	0.96
3.96	2.9	1.86	1	0.42	0.13	0.03	0.005	0.009	0	2.28	2.2	3.77	4.08	3.64	3.59	0.96
3.98	2.93	1.89	1.02	0.43	0.14	0.03	0.006	0.008	0	1.78	2.41	3.75	3.97	3.61	3.57	0.96
3.99	2.95	1.91	1.04	0.45	0.14	0.03	0.007	0.007	0	1.94	2.25	3.74	3.84	3.61	3.58	0.95
4	2.96	1.93	1.06	0.46	0.15	0.03	0.008	0.006	0	2.2	1.87	3.73	3.76	3.6	3.58	0.95
3.99	2.97	1.95	1.07	0.47	0.15	0.04	0.009	0.004	0	2.41	2.19	3.71	3.81	3.61	3.53	0.95
3.99	2.98	1.96	1.09	0.48	0.16	0.04	0.01	0.003	0	2.28	2.2	3.73	3.94	3.59	3.56	0.95
3.99	2.98	1.97	1.1	0.49	0.16	0.04	0.01	0.001	0	1.93	2.23	3.76	4.08	3.59	3.6	0.94
3.98	2.98	1.98	1.11	0.5	0.17	0.04	0.01	0	0	2.31	2.44	3.76	4.12	3.62	3.62	0.94
3.98	2.98	1.98	1.12	0.51	0.17	0.04	0.01	-0.001	0	2.39	2.27	3.77	4.16	3.62	3.64	0.94
3.98	2.99	1.99	1.13	0.51	0.17	0.04	0.01	-0.001	0	2.21	2.24	3.76	4.15	3.61	3.62	0.94
3.98	2.99	1.99	1.14	0.52	0.17	0.04	0.01	-0.002	0	1.56	2.46	3.76	4.09	3.61	3.59	0.94

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.98	2.99	2	1.14	0.53	0.18	0.04	0.01	-0.002	0	1.83	2.37	3.73	3.98	3.6	3.58	0.94
3.98	2.99	2	1.15	0.53	0.18	0.04	0.01	-0.002	0	1.9	2.27	3.73	3.93	3.61	3.58	0.94
3.98	2.99	2.01	1.15	0.53	0.18	0.04	0.01	-0.002	0	1.79	2.35	3.73	3.93	3.6	3.56	0.94
3.98	3	2.01	1.16	0.54	0.18	0.04	0.01	-0.002	0	1.58	2.31	3.74	3.93	3.63	3.56	0.94
3.99	3	2.01	1.16	0.54	0.18	0.04	0.01	-0.002	0	1.72	2.33	3.74	3.94	3.62	3.57	0.95
3.99	3	2.02	1.16	0.54	0.18	0.04	0.01	-0.002	0	1.43	2.17	3.74	3.91	3.61	3.57	0.95
3.99	3.01	2.02	1.16	0.54	0.18	0.04	0.009	-0.002	0	1.53	2.37	3.75	3.94	3.61	3.59	0.95
3.99	3.01	2.02	1.16	0.53	0.18	0.04	0.009	-0.002	0	1.62	2.37	3.74	3.92	3.61	3.59	0.95
3.99	3.01	2.02	1.16	0.53	0.18	0.04	0.009	-0.001	0	1.35	2.36	3.74	3.92	3.61	3.57	0.95
3.98	3.01	2.02	1.16	0.53	0.18	0.04	0.009	-0.001	0	1.29	2.24	3.72	3.91	3.63	3.6	0.95
3.98	3	2.02	1.16	0.53	0.18	0.04	0.009	0	0	1.83	2.26	3.73	3.89	3.6	3.57	0.95
3.97	2.99	2.01	1.16	0.53	0.18	0.04	0.009	0	0	1.71	2.38	3.74	3.85	3.6	3.57	0.95
3.95	2.98	2	1.15	0.53	0.18	0.04	0.009	0.001	0	1.6	2.5	3.74	3.87	3.6	3.57	0.96
3.93	2.96	1.99	1.14	0.53	0.18	0.04	0.009	0.002	0	1.57	2.42	3.74	3.86	3.6	3.58	0.96
3.91	2.94	1.97	1.13	0.52	0.17	0.04	0.009	0.002	0	1.63	2.46	3.73	3.85	3.61	3.56	0.96
3.88	2.92	1.96	1.12	0.52	0.17	0.04	0.008	0.003	0	1.87	2.3	3.76	3.82	3.64	3.58	0.96
3.85	2.9	1.94	1.11	0.51	0.17	0.04	0.008	0.003	0	1.92	2.3	3.75	3.73	3.63	3.6	0.97
3.83	2.87	1.92	1.1	0.5	0.17	0.04	0.008	0.003	0	1.85	2.21	3.74	3.71	3.62	3.61	0.97
3.8	2.85	1.91	1.09	0.5	0.17	0.04	0.008	0.002	0	2.04	2.19	3.73	3.76	3.66	3.58	0.97
3.78	2.83	1.89	1.08	0.49	0.17	0.04	0.008	0.002	0	1.91	2.24	3.75	3.82	3.62	3.58	0.97
3.75	2.81	1.88	1.07	0.49	0.17	0.04	0.008	0.001	0	2.01	2.06	3.76	3.89	3.63	3.6	0.97
3.73	2.8	1.87	1.07	0.48	0.17	0.04	0.009	0	0	1.79	1.82	3.75	3.89	3.64	3.58	0.97
3.72	2.78	1.86	1.06	0.48	0.16	0.04	0.009	-0.001	0	1.61	2.09	3.76	3.84	3.61	3.58	0.97
3.7	2.77	1.85	1.05	0.48	0.16	0.04	0.01	-0.001	0	1.58	2.24	3.73	3.8	3.61	3.54	0.97
3.7	2.76	1.84	1.04	0.47	0.16	0.04	0.01	-0.002	0	2.14	2.15	3.73	3.72	3.6	3.56	0.97
3.7	2.76	1.83	1.03	0.47	0.16	0.04	0.01	-0.002	0	2.11	2.12	3.73	3.75	3.6	3.58	0.97
3.7	2.75	1.82	1.02	0.46	0.16	0.04	0.01	-0.002	0	1.95	2.33	3.75	3.82	3.6	3.59	0.97
3.7	2.74	1.8	1.01	0.45	0.15	0.03	0.009	-0.002	0	2.11	2.52	3.75	3.89	3.63	3.59	0.97
3.7	2.73	1.78	0.99	0.44	0.15	0.03	0.008	-0.002	0	1.9	2.55	3.76	3.94	3.64	3.58	0.97
3.69	2.71	1.76	0.97	0.43	0.14	0.03	0.007	-0.001	0	2.11	2.58	3.76	4.01	3.65	3.59	0.97
3.68	2.69	1.74	0.95	0.42	0.14	0.03	0.007	0	0	2.27	2.52	3.75	3.99	3.64	3.59	0.97
3.65	2.66	1.71	0.93	0.4	0.13	0.03	0.007	0.001	0	1.96	2.5	3.75	4	3.63	3.57	0.97
3.62	2.62	1.68	0.91	0.39	0.12	0.02	0.007	0.001	0	1.63	2.33	3.74	3.95	3.61	3.56	0.97
3.57	2.58	1.64	0.88	0.38	0.12	0.02	0.006	0.002	0	2.05	2.21	3.74	3.87	3.62	3.57	0.96
3.53	2.54	1.61	0.86	0.37	0.11	0.02	0.006	0.002	0	2.07	2.5	3.73	3.83	3.61	3.57	0.96
3.48	2.49	1.57	0.84	0.36	0.11	0.02	0.006	0.002	0	1.95	2.53	3.73	3.85	3.61	3.57	0.96
3.44	2.44	1.53	0.81	0.34	0.1	0.01	0.006	0.002	0	1.69	2.39	3.74	3.93	3.63	3.57	0.96
3.39	2.4	1.5	0.79	0.33	0.1	0.01	0.005	0.002	0	1.73	2.19	3.73	3.98	3.62	3.6	0.95
3.35	2.35	1.46	0.77	0.32	0.09	0.01	0.005	0.003	0	1.98	2.34	3.76	4.01	3.63	3.58	0.95
3.31	2.31	1.42	0.75	0.31	0.09	0.01	0.004	0.003	0	1.74	2.16	3.74	3.99	3.62	3.58	0.95
3.27	2.27	1.39	0.72	0.3	0.09	0.01	0.004	0.003	0	1.63	2.08	3.74	3.92	3.61	3.57	0.94
3.24	2.23	1.36	0.7	0.29	0.08	0.01	0.004	0.003	0	1.84	2.31	3.74	3.84	3.61	3.58	0.94
3.2	2.2	1.33	0.68	0.28	0.08	0.01	0.003	0.003	0	1.69	2.38	3.73	3.84	3.61	3.55	0.94
3.17	2.16	1.29	0.66	0.27	0.08	0.01	0.003	0.002	0	1.87	2.16	3.73	3.85	3.6	3.54	0.94
3.14	2.13	1.27	0.64	0.26	0.08	0.01	0.003	0.002	0	1.71	2.12	3.73	3.87	3.61	3.56	0.94
3.12	2.09	1.24	0.62	0.25	0.07	0.01	0.002	0.002	0	1.61	2.33	3.74	3.9	3.61	3.57	0.94
3.09	2.07	1.21	0.6	0.24	0.07	0.01	0.002	0.001	0	1.67	2.33	3.74	3.88	3.62	3.57	0.94
3.07	2.04	1.18	0.58	0.23	0.07	0.01	0.001	0.001	0	2.3	2.15	3.74	3.82	3.6	3.55	0.94
3.05	2.01	1.15	0.56	0.22	0.06	0.01	0.001	0.001	0	2.04	2.37	3.73	3.75	3.61	3.55	0.94
3.02	1.97	1.13	0.55	0.21	0.06	0.01	0.001	0.002	0	2.01	2.43	3.72	3.73	3.6	3.57	0.94
2.99	1.94	1.1	0.53	0.2	0.06	0.009	0.001	0.002	0	1.97	2.42	3.74	3.87	3.63	3.57	0.95
2.96	1.91	1.07	0.51	0.19	0.05	0.008	0.001	0.002	0	1.74	2.31	3.74	3.98	3.63	3.58	0.95
2.92	1.87	1.05	0.49	0.19	0.05	0.007	0.002	0.001	0	1.63	2.41	3.76	4.1	3.63	3.59	0.95
2.88	1.83	1.02	0.48	0.18	0.05	0.006	0.002	0.001	0	2.17	2.44	3.77	4.13	3.63	3.61	0.95

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.83	1.79	0.99	0.46	0.17	0.04	0.006	0.002	0	0	2.33	2.4	3.77	4.14	3.64	3.62	0.95
2.79	1.76	0.97	0.45	0.17	0.04	0.006	0.003	-0.002	0	1.81	2.5	3.76	4.09	3.64	3.64	0.96
2.74	1.72	0.94	0.43	0.16	0.04	0.007	0.003	-0.003	0	2.05	2.51	3.74	4	3.62	3.59	0.96
2.7	1.68	0.91	0.42	0.16	0.04	0.01	0.005	-0.002	0	2.26	2.33	3.74	3.87	3.62	3.55	0.96
2.66	1.65	0.89	0.41	0.15	0.04	0.01	0.007	-0.002	0	2.28	2.35	3.72	3.78	3.6	3.54	0.96
2.63	1.62	0.87	0.4	0.15	0.04	0.01	0.008	-0.001	0	2.21	2.31	3.72	3.77	3.59	3.55	0.96
2.6	1.59	0.84	0.38	0.14	0.04	0.01	0.008	-0.001	0	1.96	2.36	3.74	3.88	3.59	3.56	0.96
2.57	1.56	0.82	0.37	0.13	0.04	0.01	0.007	0	0	2.02	2.32	3.77	3.98	3.63	3.59	0.96
2.54	1.53	0.8	0.35	0.13	0.03	0.01	0.006	0	0	2.23	1.99	3.77	4.07	3.63	3.6	0.96
2.5	1.5	0.78	0.34	0.12	0.03	0.01	0.005	0	0	2.36	1.93	3.77	4.11	3.65	3.61	0.96
2.46	1.46	0.76	0.33	0.11	0.03	0.009	0.004	0	0	2.28	2.23	3.78	4.12	3.64	3.62	0.96
2.42	1.43	0.74	0.32	0.11	0.03	0.008	0.003	-0.001	0	1.79	2.34	3.77	4.04	3.63	3.6	0.96
2.37	1.4	0.72	0.31	0.1	0.02	0.007	0.003	-0.001	0	2.03	2.29	3.74	3.96	3.61	3.59	0.96
2.33	1.37	0.7	0.3	0.1	0.02	0.007	0.003	0	0	2.27	2.51	3.73	3.86	3.61	3.58	0.96
2.28	1.33	0.68	0.29	0.1	0.02	0.007	0.003	0	0	2.2	2.1	3.74	3.87	3.59	3.57	0.96
2.24	1.3	0.66	0.28	0.09	0.02	0.007	0.003	0	0	1.76	2.02	3.75	3.97	3.6	3.58	0.96
2.19	1.27	0.64	0.27	0.09	0.02	0.007	0.003	0	0	1.88	2.33	3.74	4.07	3.63	3.6	0.96
2.15	1.25	0.63	0.27	0.09	0.02	0.007	0.004	0	0	1.97	2.3	3.76	4.09	3.62	3.6	0.96
2.12	1.22	0.61	0.26	0.09	0.02	0.007	0.003	0	0	1.93	2.13	3.75	4.07	3.62	3.59	0.96
2.08	1.19	0.6	0.25	0.08	0.02	0.006	0.003	0	0	1.25	2.51	3.76	4.04	3.64	3.57	0.96
2.05	1.17	0.58	0.24	0.08	0.02	0.006	0.003	0	0	2.07	2.35	3.75	3.94	3.61	3.57	0.96
2.03	1.15	0.56	0.23	0.08	0.02	0.005	0.003	0	0	1.96	1.93	3.75	3.93	3.61	3.59	0.96
2.01	1.13	0.55	0.22	0.07	0.02	0.004	0.003	0	0	2.05	1.75	3.75	3.92	3.6	3.57	0.96
1.99	1.11	0.53	0.22	0.07	0.01	0.003	0.003	0	0	1.86	2.35	3.76	3.96	3.63	3.58	0.96
1.98	1.1	0.52	0.21	0.07	0.01	0.002	0.003	-0.001	0	1.56	2.33	3.76	4.03	3.61	3.58	0.96
1.98	1.08	0.51	0.2	0.07	0.01	0.001	0.002	0	0	1.71	2.24	3.76	4.03	3.63	3.6	0.96
1.97	1.07	0.5	0.19	0.06		0	0.002	0	0	1.27	2.16	3.76	3.98	3.61	3.6	0.96
1.97	1.06	0.48	0.18	0.06		0.001	0.002	0	0	1.7	2.18	3.74	3.93	3.61	3.58	0.96
1.96	1.05	0.47	0.18	0.05		0.002	0.001	0.001	0	2.06	2.33	3.73	3.89	3.6	3.57	0.95
1.96	1.03	0.46	0.17	0.05			0	0.001	0	1.53	2.09	3.76	3.93	3.59	3.58	0.95
1.95	1.02	0.45	0.17	0.05			0	0.002	0	1.81	2.45	3.75	3.95	3.62	3.59	0.95
1.93	1.01	0.44	0.16	0.04			0	0.004	0	1.49	2.52	3.74	3.94	3.61	3.57	0.94
1.92	1	0.44	0.16	0.04			0	0.005	0	1.86	2.21	3.74	3.94	3.61	3.59	0.94
1.89	0.98	0.43	0.15	0.04			0.001	0.006	0	1.86	2.43	3.75	3.94	3.62	3.6	0.94
1.87	0.96	0.42	0.15	0.04			0.001	0.006	0	1.78	2.5	3.76	3.96	3.62	3.59	0.94
1.83	0.95	0.41	0.14	0.04			0.001	0.006	0	1.51	2.27	3.75	3.96	3.62	3.6	0.94
1.8	0.93	0.4	0.14	0.04			0.001	0.005	0	1.87	2.32	3.74	3.88	3.61	3.57	0.94
1.76	0.91	0.39	0.14	0.04			0.001	0.004	0	1.79	2.38	3.72	3.8	3.6	3.58	0.94
1.73	0.89	0.38	0.14	0.04			0.001	0.004	0	1.83	2.33	3.73	3.76	3.6	3.57	0.94
1.69	0.87	0.38	0.13	0.04			0	0.003	0	1.85	2.38	3.75	3.8	3.63	3.56	0.94
1.66	0.85	0.37	0.13	0.04		0.002	0	0.003	0	1.57	2.45	3.74	3.8	3.61	3.58	0.95
1.63	0.84	0.37	0.13	0.04		0.002	0.001	0.002	0	1.87	2.48	3.74	3.84	3.61	3.59	0.95
1.6	0.83	0.36	0.13	0.04		0.002	0.001	0.002	0	1.74	2.25	3.75	3.92	3.62	3.59	0.95
1.58	0.81	0.36	0.13	0.04		0.001	0.001	0.002	0	1.74	2.33	3.76	4	3.63	3.58	0.96
1.55	0.8	0.35	0.13	0.04		0.001	0.001	0.002	0	1.88	2.31	3.78	4.03	3.63	3.59	0.96
1.53	0.79	0.35	0.13	0.04		0.002	0.001	0.002	0	1.88	2.37	3.77	4.05	3.62	3.59	0.96
1.51	0.77	0.34	0.13	0.04		0.002	0.001	0.002	0	1.62	2.4	3.74	3.98	3.61	3.6	0.96
1.49	0.76	0.33	0.12	0.03		0.002	0.001	0.002	0	2.08	2.4	3.74	3.92	3.6	3.58	0.96
1.47	0.75	0.33	0.12	0.03		0.002	0.001	0.002	0	2.13	2.31	3.75	3.91	3.61	3.56	0.96
1.45	0.73	0.32	0.12	0.03		0.001	0.001	0.002	0	2.15	2.25	3.74	3.95	3.63	3.58	0.96
1.43	0.72	0.31	0.11	0.03		0.001	0.001	0.003	0	1.7	2.25	3.75	4.03	3.62	3.57	0.96
1.42	0.71	0.31	0.11	0.02		0.001	0.002	0.002	0	1.69	2.04	3.77	4.06	3.62	3.58	0.96
1.39	0.69	0.3	0.11	0.02		0	0.002	0.002	0	1.87	1.66	3.76	4.1	3.62	3.58	0.95
1.37	0.68	0.3	0.11	0.02		0	0.003	0.001	0	2.35	2.23	3.77	4.14	3.62	3.59	0.95

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.34	0.67	0.29	0.11	0.02	0.004	0	0.003	0	0	1.88	2.34	3.77	4.1	3.61	3.61	0.95
1.31	0.65	0.29	0.11	0.02	0.005	0	0.003	-0.001	0	1.11	2.57	3.76	4.05	3.6	3.57	0.95
1.28	0.64	0.28	0.11	0.03	0.006	0.001	0.003	-0.002	0	1.78	2.62	3.74	3.99	3.6	3.58	0.95
1.25	0.62	0.27	0.11	0.03	0.007	0.001	0.003	-0.002	0	1.9	2.34	3.73	3.98	3.58	3.57	0.94
1.21	0.6	0.27	0.11	0.03	0.008	0.001	0.003	-0.003	0	1.77	1.51	3.73	4	3.58	3.56	0.94
1.18	0.59	0.26	0.1	0.03	0.008	0.001	0.004	-0.003	0	1.91	2.14	3.74	3.98	3.59	3.57	0.94
1.15	0.58	0.26	0.1	0.03	0.009	0.001	0.004	-0.002	0	1.87	2.14	3.74	4.03	3.61	3.58	0.94
1.12	0.56	0.25	0.1	0.03	0.009	0	0.003	-0.002	0	1.59	2.41	3.74	4.02	3.62	3.58	0.94
1.09	0.55	0.25	0.1	0.03		0	0.003	-0.002	0	1.84	2.45	3.74	4.01	3.62	3.58	0.94
1.06	0.53	0.24	0.1	0.03		0	0.003	-0.001	0	1.99	2.43	3.77	4.05	3.6	3.57	0.94
1.04	0.52	0.23	0.09	0.03		0.001	0.003	-0.001	0	2.09	2.39	3.76	4.07	3.63	3.6	0.94
1.02	0.51	0.23	0.09	0.03		0.001	0.003	-0.001	0	2.15	2.41	3.75	4.08	3.62	3.6	0.94
1	0.49	0.22	0.09	0.03		0	0.003	-0.001	0	1.87	2.03	3.76	4.07	3.63	3.57	0.94
0.98	0.48	0.21	0.09	0.03	0.01	0	0.003	-0.001	0	2.08	1.3	3.75	3.96	3.61	3.57	0.94
0.96	0.47	0.21	0.08	0.03	0.009	0.001	0.003	-0.002	0	2.33	1.04	3.73	3.84	3.6	3.56	0.94
0.94	0.45	0.2	0.08	0.03	0.008	0.001	0.003	-0.001	0	1.92	2.05	3.71	3.75	3.59	3.59	0.94
0.93	0.44	0.19	0.07	0.02	0.007	0	0.002	-0.001	0	1.66	2.24	3.7	3.7	3.6	3.58	0.94
0.92	0.43	0.19	0.07	0.02	0.005	0	0.002	0	0	1.69	2.32	3.71	3.8	3.61	3.56	0.94
0.9	0.42	0.18	0.07	0.02		0.001	0.002	0	0	2.01	2.33	3.75	4.02	3.62	3.57	0.94
0.89	0.41	0.17	0.07	0.02		0.001	0.002	0.001	0	1.89	2.13	3.77	4.13	3.61	3.6	0.95
0.88	0.4	0.17	0.06	0.02		0.002	0.002	0.001	0	2.38	2.22	3.79	4.21	3.64	3.61	0.95
0.86	0.39	0.16	0.06	0.01		0.003	0.002	0.002	0	2.35	2.25	3.8	4.16	3.63	3.6	0.95
0.84	0.38	0.16	0.06	0.01		0.004	0.002	0.002	0	1.87	2.58	3.78	4.11	3.63	3.6	0.95
0.82	0.37	0.15	0.06	0.01		0.004	0.002	0.001	0	1.76	2.4	3.76	4.03	3.62	3.58	0.95
0.79	0.36	0.15	0.06	0.01		0.004	0.003	0.001	0	2.06	2.3	3.75	3.96	3.61	3.58	0.95
0.77	0.34	0.15	0.06	0.01		0.004	0.003	0.001	0	2.06	2.26	3.73	3.85	3.6	3.54	0.96
0.74	0.33	0.14	0.05	0.01		0.004	0.003	0.001	0	2.13	2.07	3.73	3.78	3.61	3.56	0.96
0.72	0.32	0.14	0.05	0.01		0.004	0.003	0.002	0	1.72	2.16	3.73	3.81	3.61	3.57	0.96
0.7	0.32	0.14	0.05	0.01		0.004	0.003	0.002	0	1.47	2.36	3.74	3.91	3.62	3.55	0.96
0.68	0.31	0.13	0.05	0.01		0.004	0.003	0.003	0	1.97	2.42	3.75	3.97	3.62	3.56	0.96
0.67	0.3	0.13	0.04			0.004	0.003	0.004	0	1.76	2.33	3.76	4.01	3.6	3.58	0.96
0.65	0.3	0.13	0.04			0.004	0.003	0.004	0	1.11	2.19	3.75	3.94	3.62	3.57	0.96
0.64	0.29	0.12	0.04			0.004	0.003	0.004	0	1.63	1.78	3.74	3.85	3.61	3.58	0.96
0.64	0.29	0.12	0.04			0.004	0.003	0.004	0	1.53	2.24	3.73	3.8	3.63	3.58	0.96
0.63	0.29	0.12	0.04			0.004	0.004	0.004	0	1.73	1.8	3.73	3.81	3.63	3.57	0.96
0.63	0.29	0.12	0.04			0.004	0.004	0.003	0	1.73	2.39	3.75	3.9	3.64	3.58	0.96
0.63	0.29	0.12	0.04	0.01		0.003	0.004	0.003	0	1.46	2.43	3.75	3.96	3.63	3.57	0.96
0.63	0.3	0.12	0.04	0.01		0.003	0.003	0.002	0	1.29	2.11	3.74	3.94	3.62	3.58	0.96
0.64	0.3	0.13	0.04	0.01		0.003	0.003	0.001	0	1.67	2.05	3.74	3.89	3.6	3.6	0.96
0.64	0.3	0.13	0.04	0.01		0.002	0.003	0	0	1.9	2.24	3.75	3.87	3.59	3.58	0.96
0.64	0.31	0.13	0.04	0.01		0.002	0.003	-0.001	0	1.57	2.3	3.74	3.84	3.6	3.57	0.96
0.65	0.31	0.13	0.05	0.01		0.001	0.003	-0.002	0	1.5	2.46	3.73	3.84	3.63	3.55	0.96
0.65	0.32	0.14	0.05	0.02		0	0.004	-0.002	0	1.58	2.42	3.74	3.88	3.59	3.58	0.96
0.65	0.32	0.14	0.05	0.02	0.009	0.002	0.005	-0.001	0	1.7	2.19	3.75	3.92	3.6	3.58	0.95
0.66	0.33	0.15	0.06	0.02	0.01	0.002	0.005	-0.001	0	2.06	2.39	3.76	3.96	3.62	3.56	0.95
0.66	0.33	0.15	0.06	0.02	0.01	0.003	0.005	-0.001	0	1.88	2.53	3.75	3.96	3.64	3.56	0.95
0.67	0.33	0.15	0.06	0.02	0.01	0.002	0.005	-0.001	0	1.75	2.38	3.73	3.91	3.63	3.58	0.95
0.67	0.33	0.15	0.06	0.02	0.009	0.001	0.004	-0.001	0	1.79	2.26	3.73	3.84	3.61	3.57	0.95
0.67	0.33	0.15	0.05	0.02	0.008	0.001	0.003	-0.001	0	2	2.27	3.73	3.83	3.59	3.56	0.95
0.67	0.33	0.14	0.05	0.01		0	0.002	-0.001	0	2.08	2.22	3.72	3.87	3.61	3.57	0.95
0.67	0.33	0.14	0.05	0.01		0.001	0.002	-0.001	0	1.89	2.35	3.75	3.98	3.59	3.58	0.94
0.66	0.32	0.14	0.05	0.01		0.001	0.001	0	0	1.5	2.5	3.75	4.03	3.61	3.58	0.94
0.66	0.32	0.13	0.04	0.01		0.002	0.001	0	0	2.04	2.28	3.75	4.08	3.62	3.58	0.94
0.65	0.31	0.13	0.04	0.01		0.002	0.001	0	0	2.07	1.99	3.74	4.07	3.62	3.57	0.94

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.65	0.31	0.13	0.04	0.01		0.002	0.001	0	0	1.9	2.2	3.74	4	3.6	3.56	0.94
0.64	0.3	0.13	0.04	0.01		0.002	0.001	0.001	0	1.96	2.21	3.73	3.96	3.6	3.56	0.94
0.63	0.3	0.12	0.04	0.01		0.002	0.001	0.001	0	1.72	2.28	3.72	3.87	3.6	3.56	0.93
0.62	0.3	0.12	0.04	0.01		0.002	0.001	0.002	0	1.93	2.39	3.71	3.85	3.58	3.55	0.93
0.61	0.29	0.12	0.04	0.01		0.002	0.001	0.002	0	1.8	2.25	3.72	3.88	3.61	3.55	0.93
0.6	0.29	0.12	0.04	0.01		0.002	0	0.002	0	1.74	2.16	3.76	3.89	3.61	3.57	0.93
0.59	0.29	0.12	0.05	0.01		0.002	0	0.001	0	1.6	2.33	3.73	3.92	3.58	3.58	0.93
0.57	0.28	0.12	0.05	0.01		0.001	0	0.001	0	1.59	2.37	3.74	3.94	3.61	3.57	0.93
0.56	0.28	0.12	0.05	0.01		0.001	0	0	0	1.7	2.11	3.73	3.93	3.6	3.57	0.93
0.55	0.28	0.12	0.05	0.01		0	0	0	0	1.86	2.01	3.73	3.92	3.6	3.56	0.93
0.53	0.27	0.12	0.05	0.01	0.008	0.001	0.001	0	0	1.63	1.99	3.73	3.94	3.59	3.59	0.94
0.52	0.27	0.12	0.05	0.02	0.01	0.003	0.002	0	0	1.63	2.36	3.74	3.9	3.61	3.56	0.94
0.51	0.26	0.12	0.05	0.02	0.01	0.004	0.003	0	0	1.96	2.42	3.75	3.94	3.62	3.56	0.94
0.5	0.25	0.12	0.05	0.02	0.01	0.005	0.004	0	0	1.8	2.23	3.74	3.94	3.62	3.57	0.95
0.48	0.24	0.11	0.05	0.02	0.01	0.006	0.004	0	0	1.62	2.38	3.74	3.97	3.62	3.59	0.95
0.47	0.24	0.11	0.04	0.02	0.01	0.006	0.004	0.001	0	1.82	2.23	3.74	4.01	3.61	3.57	0.95
0.46	0.23	0.1	0.04	0.02	0.009	0.006	0.004	0.001	0	2.11	2.42	3.77	4.07	3.62	3.59	0.95
0.44	0.22	0.1	0.04	0.01	0.007	0.005	0.003	0	0	2.21	2.44	3.77	4.02	3.62	3.57	0.96
0.43	0.21	0.09	0.03	0.01	0.005	0.004	0.002	-0.001	0	1.7	2.04	3.75	4	3.6	3.57	0.96
0.42	0.2	0.09	0.03	0.01	0.003	0.002	0.001	-0.001	0	2.11	2.27	3.75	3.94	3.59	3.55	0.96
0.41	0.19	0.08	0.03	0.009	0.003	0.001	0.001	-0.001	0	2.13	2.12	3.74	3.89	3.59	3.57	0.96
0.4	0.18	0.08	0.02	0.008	0.002	0	0.002	-0.001	0	2.12	2.27	3.74	3.86	3.6	3.57	0.96
0.39	0.17	0.07	0.02	0.007		0	0.002	0	0	1.99	2.53	3.74	3.86	3.61	3.57	0.96
0.39	0.17	0.07	0.02	0.007		0.001	0.002	0	0	1.86	2.32	3.73	3.93	3.59	3.56	0.96
0.38	0.16	0.07	0.02	0.007		0.001	0.002	0	0	1.91	2.21	3.74	4.01	3.6	3.57	0.96
0.38	0.16	0.07	0.02	0.008		0.001	0.002	0	0	2.09	2.23	3.75	4.05	3.63	3.59	0.96
0.37	0.16	0.07	0.03	0.009		0.001	0.002	0	0	2.23	2.42	3.76	4	3.61	3.61	0.96
0.37	0.15	0.07	0.03	0.01		0.001	0.002	0	0	2.02	2.31	3.76	4	3.61	3.58	0.96
0.37	0.15	0.07	0.03	0.01		0.001	0.002	0	0	2.03	2.18	3.75	3.92	3.6	3.55	0.97
0.37	0.15	0.07	0.03	0.01		0.001	0.002	-0.001	0	2	2.4	3.74	3.8	3.58	3.56	0.97
0.38	0.16	0.07	0.03	0.01		0.001	0.002	-0.001	0	1.93	2.35	3.73	3.8	3.59	3.55	0.97
0.38	0.16	0.07	0.03	0.01		0.001	0.002	-0.001	0	2.06	2.05	3.73	3.81	3.59	3.57	0.97
0.39	0.16	0.07	0.03	0.01		0.001	0.002	-0.001	0	1.68	1.81	3.73	3.92	3.61	3.58	0.97
0.4	0.16	0.07	0.03	0.01	0.008	0	0.003	-0.001	0	1.92	2.18	3.76	4.02	3.61	3.61	0.97
0.4	0.17	0.07	0.03	0.01	0.009	0.001	0.003	0	0	2.28	2.36	3.76	4.08	3.62	3.61	0.97
0.41	0.17	0.07	0.03	0.01	0.01	0.002	0.004	0	0	2.05	2.28	3.77	4.06	3.63	3.59	0.97
0.42	0.17	0.07	0.03	0.01	0.01	0.002	0.004	0	0	1.88	2.33	3.75	3.95	3.61	3.58	0.97
0.42	0.17	0.06	0.03	0.01	0.01	0.002	0.004	0	0	1.47	2.08	3.73	3.84	3.64	3.58	0.97
0.42	0.17	0.06	0.02	0.01	0.01	0.003	0.004	0	0	2.07	1.94	3.73	3.83	3.61	3.55	0.97
0.43	0.17	0.06	0.02	0.01	0.009	0.003	0.004	0	0	2.16	2.12	3.73	3.84	3.59	3.56	0.97
0.43	0.17	0.06	0.02	0.01	0.009	0.004	0.003	0	0	1.88	2.34	3.75	3.92	3.59	3.58	0.96
0.43	0.17	0.06	0.02	0.01	0.009	0.005	0.003	0	0	1.72	2.21	3.74	4.02	3.61	3.6	0.96
0.43	0.17	0.06	0.02	0.01	0.009	0.005	0.002	0	0	2.1	2.25	3.75	4.03	3.61	3.61	0.96
0.43	0.17	0.06	0.02	0.01	0.009	0.006	0.002	-0.001	0	1.79	2.16	3.76	4.06	3.61	3.63	0.96
0.42	0.17	0.06	0.02	0.01	0.009	0.006	0.001	-0.001	0	1.71	2.14	3.75	4.02	3.62	3.58	0.96
0.42	0.16	0.06	0.02	0.01	0.008	0.006	0	-0.002	0	2.08	2.13	3.74	3.97	3.6	3.56	0.96
0.41	0.16	0.06	0.01	0.01	0.006		0	-0.003	0	2	2.17	3.75	3.95	3.6	3.57	0.96
0.4	0.16	0.06	0.01	0.009	0.004		0.001	-0.003	0	1.89	2.3	3.75	3.99	3.61	3.57	0.96
0.4	0.15	0.05	0.01	0.008	0.004		0.001	-0.003	0	2.07	2.01	3.77	4.06	3.59	3.61	0.96
0.39	0.15	0.05	0.01	0.009	0.004		0.001	-0.004	0	2.1	2.33	3.76	4.07	3.62	3.63	0.96
0.38	0.15	0.05	0.02	0.01	0.005		0.001	-0.004	0	2.1	2.32	3.76	4.05	3.62	3.63	0.96
0.37	0.15	0.06	0.02	0.01	0.005		0.002	-0.004	0	1.19	2.39	3.75	4.03	3.59	3.6	0.96
0.36	0.14	0.05	0.02	0.01	0.005		0.002	-0.005	0	2.04	2.4	3.73	3.96	3.6	3.59	0.96
0.35	0.14	0.05	0.02	0.01	0.006		0.002	-0.005	0	2.02	2.38	3.74	3.9	3.6	3.57	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.34	0.14	0.05	0.02	0.01	0.006		0.002	-0.005	0	2.12	2.37	3.74	3.95	3.6	3.57	0.95
0.33	0.13	0.05	0.02	0.01	0.005		0.002	-0.005	0	1.77	2.37	3.75	3.99	3.62	3.59	0.95
0.32	0.13	0.05	0.02	0.01	0.005		0.002	-0.005	0	1.92	2.35	3.74	4.03	3.62	3.58	0.95
0.31	0.12	0.04	0.01	0.01	0.004		0.002	-0.005	0	1.93	2.25	3.76	4	3.61	3.57	0.95
0.29	0.11	0.04	0.01	0.01	0.003		0.002	-0.005	0	1.89	2.35	3.75	3.98	3.62	3.57	0.95
0.28	0.11	0.04	0.01	0.01	0.002		0.001	-0.005	0	2.11	2.38	3.74	3.92	3.6	3.57	0.95
0.27	0.1	0.03	0.01	0.009	0.001		0.001	-0.005	0	1.9	2.56	3.74	3.89	3.61	3.57	0.95
0.26	0.1	0.03	0.008				0.001	-0.004	0	2.01	2.38	3.75	3.96	3.61	3.59	0.95
0.24	0.09	0.03	0.008				0.001	-0.004	0	1.97	2.16	3.76	3.98	3.61	3.6	0.95
0.23	0.09	0.03	0.008				0.001	-0.004	0	1.72	2.29	3.75	3.99	3.61	3.58	0.94
0.23	0.09	0.03	0.009				0.001	-0.003	0	1.88	2.25	3.74	3.97	3.62	3.54	0.94
0.22	0.09	0.03	0.01				0	-0.003	0	1.55	2.11	3.73	3.88	3.61	3.54	0.94
0.21	0.09	0.03	0.01		0		0	-0.003	0	1.93	2.19	3.73	3.83	3.59	3.56	0.94
0.2	0.08	0.03	0.01	0.008	0	0	0	-0.002	0	2.06	2.24	3.74	3.9	3.6	3.57	0.94
0.19	0.08	0.03	0.01	0.008	0	0.001	0	-0.002	0	2.13	2.42	3.74	4.01	3.61	3.56	0.94
0.18	0.08	0.03	0.01	0.009	0.001	0.002	0.001	-0.001	0	1.6	2.41	3.74	4.11	3.6	3.61	0.94
0.17	0.08	0.03	0.01	0.01	0.001	0.002	0.001	-0.001	0	2.26	2.06	3.75	4.2	3.61	3.65	0.94
0.16	0.08	0.04	0.01	0.01	0.002	0.003	0.001	-0.001	0	2.38	2.3	3.77	4.21	3.62	3.65	0.94
0.16	0.08	0.04	0.02	0.01	0.004	0.003	0.001	-0.002	0	2.14	2.54	3.77	4.2	3.61	3.6	0.94
0.15	0.07	0.04	0.02	0.01	0.005	0.003	0.001	-0.003	0	1.68	2.43	3.76	4.12	3.61	3.59	0.94
0.15	0.07	0.04	0.02	0.01	0.006	0.003	0.001	-0.004	0	2.15	2.21	3.74	4.05	3.6	3.58	0.94
0.14	0.07	0.04	0.02	0.01	0.007	0.002	0	-0.006	0	1.97	2.19	3.74	3.97	3.6	3.56	0.94
0.14	0.07	0.04	0.02	0.01	0.008	0.002	0	-0.006	0	1.75	2.32	3.72	4.02	3.6	3.55	0.94
0.14	0.07	0.04	0.02	0.01	0.008	0.002	0	-0.006	0	2.12	2.27	3.74	4.07	3.58	3.55	0.94
0.13	0.07	0.04	0.02	0.01	0.009	0.002	0.001	-0.006	0	1.87	2.3	3.75	4.12	3.62	3.56	0.94
0.13	0.07	0.04	0.02	0.01	0.008	0.002	0.001	-0.006	0	2.01	2.51	3.76	4.21	3.61	3.62	0.94
0.13	0.07	0.04	0.02	0.01	0.008	0.002	0.001	-0.006	0	1.94	2.55	3.76	4.24	3.58	3.61	0.94
0.13	0.07	0.03	0.02	0.01	0.007	0.002	0.002	-0.006	0	1.81	2.53	3.76	4.25	3.58	3.6	0.94
0.13	0.07	0.03	0.02	0.01	0.006	0.002	0.002	-0.006	0	1.94	2.39	3.72	4.26	3.6	3.59	0.94
0.13	0.06	0.03	0.02	0.01	0.005	0.001	0.001	-0.007	0	2.14	2.2	3.75	4.28	3.59	3.57	0.95
0.13	0.06	0.03	0.01	0.01	0.004	0.001	0.001	-0.007	0	2.12	2.14	3.75	4.3	3.61	3.57	0.95
0.13	0.06	0.03	0.01	0.01	0.003	0	0.001	-0.007	0	2.15	2.39	3.77	4.34	3.6	3.58	0.95
0.13	0.06	0.03	0.01	0.009		0	0.001	-0.007	0	1.73	2.33	3.78	4.38	3.61	3.58	0.95
0.13	0.06	0.03	0.01	0.008		0	0.001	-0.006	0	1.64	2.35	3.8	4.43	3.65	3.59	0.95
0.13	0.06	0.03	0.01	0.009	0.003	0	0.002	-0.005	0	1.83	2.31	3.81	4.43	3.64	3.58	0.95
0.12	0.06	0.03	0.01	0.009	0.004	0.001	0.003	-0.004	0	1.8	2.01	3.8	4.46	3.67	3.58	0.95
0.12	0.06	0.03	0.01	0.009	0.004	0.001	0.004	-0.003	0	2.04	2.13	3.82	4.48	3.64	3.6	0.95
0.12	0.06	0.03	0.01	0.009	0.004	0.001	0.004	-0.002	0	1.89	2.17	3.8	4.48	3.64	3.62	0.95
0.12	0.05	0.03	0.01	0.008	0.003	0.001	0.004	-0.002	0	1.1	2.07	3.8	4.44	3.62	3.62	0.95
0.11	0.05	0.02	0.01	0.008	0.003	0.001	0.004	-0.002	0	1.71	1.39	3.79	4.43	3.6	3.61	0.95
0.11	0.05	0.02	0.01	0.007	0.003	0.001	0.004	-0.001	0	2.21	2.33	3.77	4.39	3.6	3.6	0.95
0.11	0.05	0.03	0.01	0.007	0.004	0.002	0.004	-0.001	0	2.2	2.33	3.78	4.36	3.59	3.6	0.95
0.11	0.05	0.03	0.01	0.008	0.004	0.002	0.005	-0.001	0	1.97	2.46	3.77	4.37	3.6	3.62	0.95
0.11	0.05	0.03	0.01	0.008	0.005	0.002	0.005	-0.001	0	1.63	2.53	3.78	4.4	3.59	3.59	0.95
0.11	0.05	0.03	0.01	0.008	0.005	0.002	0.005	-0.001	0	2.02	2.45	3.78	4.38	3.6	3.6	0.95
0.11	0.05	0.03	0.01	0.009	0.005	0.002	0.005	-0.001	0	2.13	2.56	3.75	4.25	3.61	3.58	0.95
0.1	0.05	0.02	0.01	0.009	0.005	0.002	0.004	-0.002	0	2.14	2.18	3.76	4.27	3.58	3.57	0.95
0.1	0.05	0.02	0.01	0.009	0.004	0.001	0.004	-0.003	0	2	2.08	3.77	4.26	3.56	3.59	0.95
0.1	0.05	0.02	0.01	0.01	0.003	0.001	0.003	-0.003	0	1.72	2.31	3.75	4.26	3.6	3.57	0.95
0.1	0.05	0.02	0.01	0.01	0.003	0.001	0.004	-0.003	0	1.77	2.47	3.75	4.25	3.59	3.6	0.95
0.1	0.05	0.02	0.01	0.01	0.003	0.002	0.004	-0.002	0	1.69	2.5	3.74	4.2	3.57	3.61	0.95
0.1	0.05	0.02	0.01	0.01	0.003	0.002	0.005	-0.001	0	1.79	2.42	3.72	4.14	3.6	3.61	0.95
0.09	0.05	0.02	0.01	0.01	0.003	0.002	0.004	-0.001	0	2.18	2.28	3.69	4.08	3.6	3.59	0.95
2.82	1.7	0.87	0.37	0.13	0.03	0.01	0.001	0	0	1.93	1.16	3.75	3.97	3.6	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.95	1.81	0.94	0.4	0.14	0.04	0.01	0.001	0	0	2.04	1.93	3.76	4.01	3.64	3.59	0.98
3.07	1.91	1.01	0.44	0.15	0.04	0.01	0.001	0	0	2.03	2.3	3.77	3.97	3.65	3.59	0.97
3.17	1.99	1.07	0.47	0.17	0.04	0.01	0	0	0	1.75	2.35	3.76	3.93	3.64	3.59	0.97
3.25	2.06	1.12	0.5	0.18	0.05		0	0	0	2	2.46	3.74	3.89	3.62	3.58	0.97
3.31	2.12	1.16	0.52	0.19	0.05		0.001	0	0	2.04	2.5	3.74	3.84	3.6	3.56	0.97
3.35	2.16	1.19	0.54	0.2	0.05		0.001	0	0	1.85	2.6	3.74	3.84	3.61	3.56	0.97
3.38	2.19	1.21	0.55	0.2	0.05		0.001	0.001	0	1.75	2.5	3.75	3.88	3.61	3.59	0.97
3.39	2.2	1.22	0.56	0.21	0.06		0.001	0.001	0	1.85	2.3	3.74	3.88	3.63	3.6	0.97
3.4	2.21	1.23	0.57	0.21	0.06		0.002	0.001	0	1.3	2.37	3.74	3.89	3.64	3.58	0.97
3.4	2.21	1.23	0.57	0.21	0.06		0.002	0.001	0	1.69	2.3	3.75	3.89	3.62	3.58	0.97
3.4	2.2	1.23	0.57	0.21	0.06		0.002	0.001	0	1.34	2.39	3.75	3.89	3.63	3.6	0.97
3.39	2.19	1.22	0.57	0.21	0.06		0.002	0.001	0	1.91	2.49	3.74	3.9	3.64	3.58	0.97
3.38	2.18	1.22	0.57	0.22	0.06		0.001	0.002	0	1.81	2.51	3.74	3.92	3.63	3.6	0.97
3.36	2.16	1.21	0.57	0.22	0.07		0	0.003	0	1.6	2.35	3.75	3.94	3.59	3.61	0.98
3.34	2.14	1.19	0.57	0.22	0.07	0.01	0.001	0.004	0	1.52	2.3	3.76	3.92	3.61	3.57	0.98
3.32	2.12	1.18	0.57	0.23	0.07	0.01	0.002	0.004	0	2.03	2.41	3.74	3.92	3.62	3.58	0.98
3.29	2.09	1.17	0.56	0.23	0.07	0.01	0.003	0.005	0	2.04	2.37	3.75	3.93	3.63	3.57	0.98
3.26	2.07	1.15	0.56	0.23	0.08	0.01	0.004	0.005	0	1.7	2.17	3.75	3.98	3.63	3.56	0.98
3.23	2.04	1.14	0.56	0.23	0.08	0.01	0.005	0.005	0	1.6	1.99	3.78	4.04	3.64	3.59	0.99
3.19	2.02	1.13	0.56	0.23	0.08	0.01	0.006	0.004	0	2.16	2.02	3.77	4.08	3.66	3.59	0.99
3.15	1.99	1.11	0.55	0.24	0.08	0.02	0.008	0.004	0	2.07	1.84	3.78	4.06	3.66	3.59	0.99
3.11	1.97	1.1	0.55	0.24	0.09	0.02	0.01	0.004	0	2.04	2.26	3.76	4.01	3.65	3.58	0.99
3.07	1.94	1.1	0.55	0.24	0.09	0.02	0.01	0.003	0	1.96	2.26	3.76	3.96	3.62	3.58	0.99
3.04	1.92	1.09	0.55	0.24	0.09	0.02	0.01	0.002	0	1.95	2.43	3.75	3.88	3.6	3.6	0.99
3	1.91	1.08	0.55	0.24	0.09	0.02	0.01	0.001	0	1.93	2.36	3.76	3.86	3.61	3.59	0.99
2.98	1.89	1.07	0.54	0.24	0.09	0.02	0.01	0.001	0	2.21	2.44	3.74	3.82	3.61	3.58	0.99
2.95	1.87	1.07	0.54	0.24	0.08	0.02	0.01	0	0	2.3	2.25	3.73	3.81	3.6	3.55	0.98
2.94	1.86	1.06	0.54	0.23	0.08	0.02	0.01	0	0	2.07	2.15	3.75	3.91	3.62	3.57	0.98
2.92	1.85	1.06	0.53	0.23	0.08	0.02	0.01	-0.001	0	1.87	2.37	3.76	4.02	3.64	3.59	0.98
2.91	1.85	1.05	0.53	0.23	0.08	0.02	0.01	-0.001	0	2.16	2.29	3.78	4.13	3.64	3.59	0.98
2.9	1.84	1.05	0.53	0.23	0.08	0.02	0.01	-0.001	0	2.22	2.1	3.79	4.11	3.64	3.59	0.98
2.88	1.83	1.05	0.53	0.23	0.08	0.02	0.01	-0.001	0	1.9	2.22	3.78	4.07	3.64	3.62	0.97
2.87	1.83	1.05	0.54	0.23	0.08	0.02	0.01	-0.001	0	1.76	2.43	3.77	3.98	3.6	3.58	0.97
2.86	1.83	1.05	0.54	0.24	0.08	0.02	0.01	-0.001	0	2	2.36	3.75	3.92	3.6	3.56	0.97
2.86	1.83	1.06	0.54	0.24	0.08	0.02	0.01	-0.001	0	1.85	2.16	3.74	3.94	3.61	3.56	0.97
2.87	1.84	1.06	0.54	0.24	0.08	0.02	0.01	-0.001	0	1.9	2.29	3.76	3.88	3.63	3.57	0.96
2.9	1.86	1.07	0.55	0.24	0.08	0.02	0.009	0	0	1.9	2.38	3.75	3.88	3.63	3.58	0.96
2.94	1.89	1.08	0.55	0.24	0.08	0.02	0.008	0.001	0	1.86	2.34	3.75	3.86	3.61	3.56	0.96
3	1.92	1.1	0.55	0.24	0.08	0.02	0.008	0.002	0	1.86	2.16	3.75	3.85	3.63	3.58	0.96
3.06	1.96	1.11	0.55	0.24	0.08	0.02	0.007	0.003	0	1.82	2.2	3.74	3.9	3.62	3.58	0.96
3.13	1.99	1.12	0.55	0.23	0.08	0.02	0.007	0.005	0	1.72	2.43	3.76	3.96	3.62	3.57	0.96
3.19	2.03	1.13	0.55	0.23	0.08	0.02	0.007	0.006	0	1.99	2.44	3.76	4.03	3.64	3.58	0.96
3.25	2.06	1.14	0.55	0.23	0.08	0.02	0.006	0.008	0	1.97	2.28	3.78	4.09	3.62	3.57	0.96
3.29	2.09	1.15	0.55	0.22	0.08	0.02	0.006	0.008	0	1.87	2.44	3.78	4.06	3.62	3.59	0.96
3.33	2.11	1.16	0.54	0.22	0.08	0.02	0.005	0.009	0	1.62	2.48	3.76	4.04	3.62	3.57	0.96
3.36	2.13	1.16	0.55	0.22	0.08	0.02	0.006	0.01	0	1.73	2.44	3.76	4.01	3.63	3.6	0.96
3.37	2.14	1.16	0.55	0.22	0.08	0.02	0.006	0.01	0	1.97	2.29	3.75	4	3.63	3.57	0.96
3.37	2.14	1.16	0.55	0.22	0.08	0.02	0.007	0.01	0	1.66	2.26	3.76	4.02	3.63	3.58	0.96
3.35	2.12	1.15	0.54	0.22	0.08	0.02	0.007	0.01	0	1.6	2.1	3.75	4.05	3.62	3.58	0.96
3.32	2.1	1.14	0.54	0.23	0.08	0.02	0.008	0.01	0	1.92	2.24	3.75	4.07	3.62	3.59	0.96
3.28	2.07	1.13	0.53	0.23	0.09	0.02	0.009	0.01	0	2.2	2.23	3.76	4.04	3.62	3.6	0.96
3.23	2.03	1.11	0.53	0.23	0.09	0.03	0.01	0.01	0	2.05	2.43	3.76	3.99	3.61	3.58	0.96
3.17	1.99	1.08	0.52	0.23	0.09	0.03	0.01	0.01	0	1.56	2.31	3.74	3.84	3.61	3.6	0.96
3.1	1.94	1.06	0.51	0.23	0.09	0.03	0.01	0.01	0	2.31	2.22	3.72	3.77	3.6	3.6	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.03	1.89	1.03	0.51	0.23	0.09	0.03	0.01	0.009	0	2.4	2.46	3.72	3.8	3.61	3.58	0.96
2.96	1.84	1.01	0.5	0.23	0.09	0.03	0.01	0.009	0	1.99	2.45	3.73	3.8	3.61	3.57	0.96
2.9	1.79	0.99	0.5	0.23	0.09	0.03	0.01	0.008	0	1.76	2.28	3.73	3.86	3.6	3.59	0.96
2.84	1.75	0.97	0.5	0.23	0.09	0.03	0.01	0.007	0	2.14	2.27	3.74	3.99	3.63	3.61	0.96
2.78	1.72	0.96	0.5	0.23	0.1	0.03	0.01	0.006	0	2.19	2.26	3.75	4.04	3.62	3.6	0.96
2.73	1.68	0.95	0.5	0.24	0.1	0.03	0.01	0.006	0	2.04	2.3	3.75	4.05	3.64	3.6	0.96
2.69	1.66	0.94	0.5	0.24	0.1	0.03	0.01	0.005	0	1.72	2.31	3.75	4	3.62	3.58	0.96
2.65	1.64	0.93	0.5	0.24	0.1	0.03	0.01	0.004	0	1.76	2.45	3.75	3.9	3.63	3.56	0.96
2.62	1.62	0.93	0.5	0.25	0.1	0.03	0.01	0.003	0	1.98	2.27	3.75	3.85	3.62	3.57	0.96
2.59	1.62	0.93	0.51	0.25	0.1	0.03	0.01	0.003	0	1.83	2.11	3.75	3.89	3.61	3.57	0.96
2.58	1.61	0.94	0.51	0.25	0.1	0.03	0.01	0.002	0	1.85	1.99	3.73	3.9	3.63	3.56	0.96
2.57	1.62	0.94	0.51	0.25	0.1	0.03	0.01	0.002	0	1.7	2.23	3.74	3.9	3.62	3.58	0.95
2.58	1.63	0.95	0.52	0.25	0.1	0.03	0.01	0.002	0	1.58	2.26	3.72	3.87	3.58	3.58	0.95
2.59	1.64	0.96	0.52	0.25	0.1	0.03	0.01	0.001	0	2.07	1.69	3.74	3.86	3.62	3.59	0.95
2.6	1.65	0.97	0.52	0.25	0.09	0.02	0.01	0.001	0	2.1	1.49	3.76	3.84	3.62	3.58	0.95
2.61	1.67	0.98	0.52	0.24	0.09	0.02	0.009	0.001	0	1.76	2.09	3.75	3.81	3.62	3.58	0.95
2.62	1.68	0.98	0.52	0.24	0.09	0.02	0.009	0.001	0	2.25	2.51	3.73	3.81	3.61	3.59	0.95
2.63	1.69	0.99	0.52	0.24	0.09	0.02	0.008	0.001	0	2.41	2.55	3.73	3.77	3.57	3.57	0.95
2.64	1.7	1	0.53	0.24	0.09	0.02	0.008	0.001	0	1.88	2.26	3.72	3.79	3.58	3.58	0.95
2.65	1.71	1	0.53	0.24	0.09	0.02	0.009	0.001	0	2.37	2.05	3.74	3.98	3.61	3.58	0.95
2.66	1.72	1.01	0.53	0.25	0.09	0.02	0.009	0.001	0	2.02	2.09	3.76	4.15	3.63	3.62	0.95
2.68	1.73	1.02	0.54	0.25	0.09	0.02	0.01	0.001	0	2.26	2.43	3.76	4.22	3.64	3.67	0.96
2.71	1.75	1.03	0.55	0.25	0.1	0.03	0.01	0.002	0	2.3	2.53	3.79	4.23	3.62	3.69	0.96
2.73	1.77	1.04	0.55	0.26	0.1	0.03	0.01	0.002	0	1.8	2.43	3.78	4.19	3.62	3.67	0.97
2.76	1.79	1.05	0.56	0.26	0.1	0.03	0.01	0.003	0	2.45	2.43	3.76	4.11	3.62	3.61	0.97
2.78	1.81	1.07	0.57	0.26	0.11	0.03	0.01	0.003	0	2.29	2.35	3.75	3.99	3.62	3.6	0.97
2.81	1.83	1.08	0.57	0.27	0.11	0.03	0.01	0.003	0	1.28	2.31	3.75	3.85	3.62	3.58	0.97
2.82	1.85	1.09	0.58	0.27	0.11	0.03	0.01	0.004	0	2.22	2.4	3.75	3.8	3.61	3.57	0.97
2.84	1.86	1.1	0.58	0.27	0.11	0.03	0.01	0.004	0	2.07	2.23	3.74	3.83	3.61	3.59	0.97
2.85	1.87	1.1	0.58	0.27	0.11	0.03	0.01	0.004	0	1.82	1.74	3.75	3.82	3.61	3.61	0.97
2.85	1.88	1.11	0.58	0.27	0.11	0.04	0.01	0.004	0	1.66	1.91	3.76	3.8	3.59	3.61	0.97
2.86	1.88	1.11	0.58	0.27	0.11	0.04	0.01	0.004	0	1.95	2.01	3.74	3.83	3.63	3.6	0.97
2.87	1.88	1.11	0.58	0.27	0.11	0.04	0.01	0.004	0	2.06	2.1	3.74	3.8	3.65	3.62	0.97
2.88	1.88	1.1	0.58	0.27	0.11	0.04	0.01	0.005	0	1.66	2.32	3.75	3.78	3.63	3.6	0.97
2.88	1.88	1.1	0.58	0.27	0.11	0.04	0.01	0.005	0	1.8	2.37	3.76	3.81	3.63	3.58	0.97
2.88	1.88	1.1	0.57	0.27	0.11	0.04	0.01	0.005	0	1.82	2.11	3.75	3.84	3.6	3.57	0.97
2.88	1.87	1.09	0.57	0.27	0.11	0.04	0.01	0.005	0	1.93	2.33	3.75	3.92	3.62	3.58	0.97
2.87	1.86	1.09	0.57	0.27	0.11	0.04	0.01	0.005	0	1.59	2.49	3.75	3.95	3.64	3.58	0.97
2.86	1.85	1.08	0.57	0.27	0.11	0.04	0.01	0.005	0	1.86	2.43	3.76	3.92	3.63	3.6	0.96
2.84	1.84	1.08	0.58	0.28	0.12	0.04	0.01	0.004	0	1.77	2.43	3.75	3.91	3.61	3.59	0.96
2.82	1.83	1.08	0.58	0.28	0.12	0.04	0.01	0.004	0	1.96	2.48	3.75	3.88	3.6	3.58	0.96
2.8	1.82	1.08	0.59	0.29	0.12	0.04	0.01	0.004	0	1.72	2.37	3.75	3.92	3.64	3.58	0.95
2.78	1.81	1.08	0.59	0.29	0.12	0.04	0.01	0.004	0	1.65	2.33	3.74	3.9	3.62	3.57	0.95
2.76	1.8	1.08	0.6	0.3	0.13	0.04	0.01	0.003	0	1.69	2.26	3.74	3.88	3.62	3.58	0.95
2.74	1.8	1.09	0.61	0.3	0.13	0.04	0.01	0.003	0	1.78	2.19	3.73	3.86	3.59	3.56	0.94
2.72	1.8	1.09	0.61	0.3	0.13	0.04	0.01	0.003	0	2.01	2.3	3.74	3.9	3.59	3.57	0.94
2.72	1.8	1.1	0.62	0.3	0.13	0.04	0.01	0.002	0	1.53	2.34	3.74	4.01	3.61	3.57	0.94
2.72	1.81	1.11	0.62	0.3	0.13	0.04	0.01	0.002	0	1.88	2.42	3.74	4.07	3.62	3.61	0.94
2.73	1.82	1.13	0.63	0.31	0.12	0.04	0.01	0.002	0	1.98	2.38	3.76	4.1	3.63	3.59	0.94
2.74	1.84	1.14	0.63	0.31	0.12	0.03	0.01	0.001	0	1.95	2.36	3.76	4.05	3.62	3.59	0.94
2.75	1.86	1.15	0.64	0.3	0.12	0.03	0.01	0.001	0	1.89	2.33	3.76	4	3.6	3.58	0.94
2.77	1.88	1.16	0.64	0.3	0.12	0.03	0.008	0.001	0	1.98	2.18	3.74	3.91	3.61	3.6	0.94
2.79	1.89	1.17	0.64	0.3	0.11	0.03	0.007	0.001	0	1.92	2.29	3.73	3.88	3.61	3.56	0.94
2.82	1.91	1.18	0.64	0.3	0.11	0.03	0.006	0.002	0	1.6	2.4	3.73	3.86	3.63	3.57	0.95

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.83	1.92	1.19	0.64	0.29	0.11	0.03	0.005	0.002	0	1.63	2.17	3.74	3.89	3.6	3.56	0.95
2.85	1.93	1.19	0.65	0.29	0.11	0.02	0.004	0.002	0	1.57	2.09	3.75	3.92	3.63	3.57	0.96
2.85	1.94	1.19	0.65	0.29	0.1	0.02	0.004	0.002	0	1.68	2.38	3.75	3.87	3.64	3.57	0.96
2.85	1.93	1.19	0.65	0.29	0.1	0.02	0.005	0.002	0	1.84	2.23	3.74	3.89	3.64	3.56	0.97
2.82	1.92	1.19	0.64	0.29	0.1	0.03	0.005	0.001	0	2.08	2.24	3.74	3.89	3.64	3.59	0.98
2.79	1.9	1.18	0.64	0.29	0.1	0.03	0.006	0	0	1.74	2.35	3.75	3.96	3.64	3.6	0.98
2.73	1.86	1.16	0.64	0.29	0.11	0.03	0.007	-0.001	0	2.14	2.31	3.77	4.06	3.63	3.6	0.98
2.67	1.83	1.14	0.63	0.3	0.11	0.03	0.01	-0.001	0	2.18	2.39	3.78	4.14	3.64	3.62	0.98
2.61	1.79	1.13	0.64	0.31	0.12	0.04	0.01	0	0	1.79	2.01	3.8	4.15	3.64	3.59	0.99
2.54	1.76	1.12	0.64	0.31	0.13	0.04	0.01	0.002	0	1.96	1.98	3.79	4.12	3.65	3.62	0.99
2.49	1.73	1.11	0.64	0.32	0.14	0.05	0.02	0.004	0	2.15	1.93	3.76	3.95	3.63	3.6	0.99
2.46	1.71	1.1	0.64	0.33	0.15	0.05	0.02	0.005	0	1.76	2.41	3.73	3.8	3.61	3.6	0.99
2.44	1.69	1.09	0.64	0.33	0.15	0.06	0.02	0.005	0	2.55	2.44	3.72	3.84	3.62	3.56	0.99
2.45	1.69	1.08	0.63	0.33	0.15	0.05	0.02	0.004	0	2.54	2.48	3.72	3.83	3.59	3.58	0.99
2.48	1.7	1.08	0.62	0.32	0.14	0.05	0.02	0.004	0	1.49	2.37	3.74	3.84	3.6	3.58	0.99
2.54	1.72	1.07	0.61	0.31	0.14	0.05	0.02	0.004	0	2.39	2.4	3.75	4.02	3.63	3.6	0.98
2.61	1.75	1.08	0.6	0.3	0.13	0.04	0.01	0.003	0	2.23	2.42	3.76	4.15	3.62	3.6	0.98
2.7	1.79	1.08	0.59	0.29	0.12	0.03	0.01	0.002	0	1.56	2.39	3.79	4.2	3.63	3.64	0.98
2.79	1.84	1.09	0.59	0.28	0.11	0.03	0.01	0.003	0	1.79	2.58	3.78	4.2	3.64	3.66	0.98
2.87	1.88	1.11	0.58	0.27	0.11	0.03	0.009	0.003	0	2.24	2.49	3.77	4.15	3.64	3.64	0.98
2.95	1.93	1.12	0.58	0.26	0.1	0.02	0.008	0.003	0	1.99	2.2	3.74	3.99	3.61	3.56	0.98
3.02	1.97	1.13	0.58	0.26	0.1	0.02	0.007	0.004	0	2.15	2.45	3.73	3.81	3.61	3.54	0.97
3.07	2	1.15	0.58	0.25	0.09	0.02	0.008	0.005	0	2.47	2.44	3.73	3.78	3.61	3.57	0.97
3.11	2.03	1.16	0.58	0.25	0.09	0.02	0.007	0.005	0	2.21	2.1	3.73	3.81	3.61	3.56	0.97
3.14	2.05	1.17	0.58	0.25	0.09	0.02	0.006	0.005	0	2.11	2.28	3.73	3.96	3.6	3.58	0.96
3.16	2.07	1.17	0.57	0.24	0.08	0.02	0.006	0.004	0	2.19	2.51	3.76	4.12	3.62	3.62	0.96
3.17	2.08	1.18	0.57	0.24	0.08	0.02	0.005	0.004	0	2.01	2.53	3.77	4.18	3.62	3.63	0.96
3.18	2.09	1.19	0.57	0.24	0.08	0.02	0.006	0.004	0	1.64	2.33	3.75	4.17	3.61	3.65	0.96
3.19	2.09	1.19	0.57	0.24	0.08	0.02	0.006	0.004	0	1.83	1.81	3.76	4.17	3.59	3.61	0.95
3.19	2.09	1.19	0.57	0.24	0.08	0.02	0.006	0.004	0	1.98	2.28	3.76	4.12	3.6	3.59	0.95
3.18	2.09	1.18	0.57	0.23	0.08	0.02	0.006	0.004	0	1.65	2.35	3.74	4.14	3.6	3.59	0.95
3.18	2.08	1.18	0.57	0.23	0.08	0.02	0.007	0.004	0	1.82	2.02	3.76	4.18	3.61	3.59	0.95
3.18	2.07	1.17	0.56	0.23	0.08	0.02	0.007	0.004	0	1.64	2.44	3.77	4.19	3.61	3.6	0.95
3.17	2.06	1.16	0.56	0.23	0.08	0.02	0.008	0.005	0	1.67	2.55	3.76	4.21	3.62	3.62	0.95
3.16	2.05	1.15	0.56	0.23	0.08	0.02	0.008	0.005	0	1.68	2.47	3.76	4.13	3.63	3.6	0.95
3.15	2.03	1.14	0.55	0.23	0.08	0.02	0.008	0.005	0	1.34	2.41	3.76	4.15	3.63	3.63	0.96
3.13	2.02	1.14	0.55	0.22	0.08	0.02	0.008	0.006	0	1.75	2.23	3.75	4.15	3.6	3.61	0.96
3.12	2	1.13	0.55	0.22	0.08	0.02	0.008	0.006	0	1.61	2.15	3.74	4.11	3.61	3.61	0.96
3.1	1.99	1.12	0.55	0.23	0.08	0.02	0.009	0.006	0	1.94	2.5	3.75	4.05	3.6	3.59	0.96
3.07	1.98	1.12	0.55	0.23	0.08	0.02	0.01	0.007	0	1.62	2.54	3.76	4.05	3.6	3.58	0.96
3.05	1.96	1.11	0.55	0.23	0.09	0.03	0.01	0.007	0	1.74	2.45	3.75	4.11	3.6	3.58	0.96
3.03	1.95	1.1	0.55	0.23	0.09	0.03	0.01	0.007	0	1.84	2.37	3.75	4.12	3.62	3.6	0.96
3	1.93	1.1	0.54	0.23	0.09	0.03	0.01	0.008	0	1.7	2.07	3.76	4.12	3.62	3.61	0.96
2.97	1.92	1.09	0.54	0.24	0.09	0.03	0.01	0.008	0	1.99	2.43	3.77	4.14	3.62	3.6	0.96
2.95	1.9	1.09	0.54	0.24	0.1	0.03	0.01	0.008	0	2.12	2.39	3.76	4.05	3.62	3.6	0.96
2.92	1.89	1.08	0.54	0.24	0.1	0.03	0.01	0.009	0	2.13	2.15	3.73	3.93	3.62	3.62	0.96
2.89	1.88	1.08	0.54	0.24	0.1	0.04	0.02	0.009	0	1.75	2.34	3.73	3.83	3.62	3.57	0.96
2.87	1.86	1.07	0.54	0.24	0.1	0.04	0.02	0.01	0	2.24	2.46	3.73	3.84	3.6	3.59	0.96
2.84	1.85	1.07	0.54	0.24	0.1	0.04	0.02	0.01	0	2.4	2.29	3.73	3.88	3.6	3.58	0.95
2.82	1.83	1.06	0.53	0.24	0.1	0.04	0.02	0.01	0	1.98	2.4	3.74	3.88	3.59	3.54	0.95
2.8	1.81	1.05	0.53	0.23	0.1	0.04	0.02	0.01	0	1.59	2.42	3.73	3.82	3.6	3.6	0.95
2.77	1.79	1.03	0.52	0.23	0.09	0.04	0.02	0.01	0	1.97	2.48	3.73	3.82	3.6	3.61	0.95
2.75	1.77	1.02	0.51	0.22	0.09	0.04	0.01	0.009	0	1.75	2.29	3.75	3.78	3.62	3.56	0.95
2.72	1.75	1	0.5	0.22	0.09	0.03	0.01	0.009	0	1.73	2.36	3.75	3.8	3.63	3.58	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.69	1.72	0.99	0.5	0.21	0.09	0.03	0.01	0.008	0	2.19	2.37	3.74	3.82	3.63	3.59	0.96
2.65	1.69	0.97	0.49	0.21	0.09	0.03	0.01	0.007	0	1.97	2.25	3.74	3.81	3.63	3.59	0.96
2.6	1.66	0.95	0.48	0.21	0.09	0.03	0.01	0.007	0	1.71	2.12	3.74	3.88	3.61	3.56	0.96
2.55	1.63	0.94	0.48	0.21	0.09	0.03	0.01	0.006	0	2.21	2.17	3.75	4.02	3.6	3.57	0.97
2.49	1.59	0.92	0.47	0.21	0.09	0.03	0.01	0.006	0	1.76	2.26	3.78	4.05	3.62	3.61	0.97
2.42	1.55	0.9	0.46	0.21	0.09	0.03	0.01	0.006	0	1.97	2.47	3.78	4.12	3.63	3.63	0.97
2.36	1.51	0.88	0.46	0.21	0.08	0.03	0.01	0.006	0	1.94	2.44	3.77	4.1	3.62	3.63	0.98
2.31	1.48	0.86	0.45	0.21	0.09	0.03	0.01	0.006	0	1.99	2.45	3.75	4.03	3.63	3.62	0.98
2.26	1.45	0.85	0.45	0.21	0.09	0.03	0.01	0.006	0	2.03	2.35	3.75	3.9	3.62	3.59	0.98
2.21	1.42	0.84	0.44	0.21	0.09	0.03	0.01	0.006	0	2.03	2.39	3.74	3.82	3.62	3.58	0.98
2.17	1.39	0.82	0.44	0.21	0.09	0.03	0.01	0.005	0	1.69	2.51	3.75	3.82	3.63	3.6	0.98
2.13	1.37	0.81	0.44	0.21	0.09	0.03	0.01	0.005	0	1.75	2.53	3.77	3.83	3.64	3.63	0.98
2.11	1.35	0.8	0.43	0.21	0.09	0.03	0.01	0.005	0	2.19	2.45	3.77	3.82	3.66	3.62	0.98
2.08	1.34	0.79	0.43	0.21	0.09	0.03	0.01	0.004	0	1.54	2.38	3.76	3.82	3.65	3.62	0.98
2.07	1.33	0.79	0.42	0.21	0.09	0.03	0.01	0.004	0	2.17	2.46	3.74	3.86	3.64	3.64	0.98
2.06	1.32	0.78	0.42	0.21	0.09	0.03	0.01	0.003	0	2.25	2.53	3.74	3.88	3.61	3.62	0.97
2.05	1.31	0.77	0.42	0.2	0.09	0.03	0.01	0.003	0	1.97	2.32	3.74	3.86	3.61	3.61	0.97
2.05	1.31	0.77	0.41	0.2	0.09	0.03	0.01	0.003	0	1.65	1.82	3.73	3.82	3.63	3.58	0.97
2.06	1.31	0.77	0.41	0.2	0.09	0.03	0.01	0.003	0	2.14	2.1	3.73	3.8	3.61	3.61	0.96
2.07	1.31	0.77	0.41	0.2	0.09	0.02	0.009	0.003	0	1.86	2.3	3.74	3.78	3.62	3.57	0.96
2.08	1.31	0.76	0.41	0.2	0.08	0.02	0.009	0.003	0	2	2.38	3.75	3.84	3.62	3.55	0.96
2.09	1.32	0.76	0.4	0.19	0.08	0.02	0.009	0.004	0	1.83	2.5	3.76	3.92	3.6	3.6	0.96
2.1	1.32	0.76	0.4	0.19	0.08	0.02	0.009	0.004	0	2.06	2.4	3.75	3.96	3.62	3.59	0.96
2.11	1.33	0.76	0.4	0.19	0.08	0.03	0.01	0.004	0	1.79	2.24	3.75	3.95	3.63	3.59	0.96
2.13	1.34	0.77	0.4	0.19	0.08	0.03	0.01	0.004	0	1.85	2.42	3.74	3.89	3.64	3.6	0.96
2.14	1.35	0.77	0.4	0.2	0.08	0.03	0.01	0.005	0	2.1	2.44	3.73	3.87	3.64	3.59	0.96
2.15	1.36	0.77	0.4	0.2	0.08	0.03	0.01	0.005	0	2.05	2.43	3.75	3.89	3.65	3.57	0.96
2.17	1.36	0.78	0.41	0.2	0.09	0.03	0.01	0.005	0	1.69	2.27	3.75	3.94	3.62	3.58	0.96
2.18	1.37	0.79	0.41	0.2	0.09	0.04	0.01	0.006	0	2.22	2.27	3.77	4.1	3.61	3.6	0.95
2.19	1.38	0.79	0.42	0.21	0.09	0.04	0.02	0.007	0	1.9	2.38	3.77	4.18	3.61	3.63	0.95
2.2	1.39	0.8	0.42	0.21	0.1	0.04	0.02	0.009	0	1.86	2.41	3.78	4.19	3.62	3.61	0.95
2.21	1.4	0.81	0.42	0.21	0.1	0.04	0.02	0.009	0	1.81	2.04	3.75	4.16	3.59	3.6	0.95
2.22	1.41	0.81	0.43	0.21	0.1	0.05	0.02	0.01	0	1.6	2.36	3.75	4.11	3.6	3.6	0.95
2.23	1.42	0.82	0.43	0.22	0.1	0.05	0.02	0.01	0	1.83	2.42	3.73	4.11	3.61	3.6	0.95
2.25	1.43	0.82	0.44	0.22	0.11	0.05	0.03	0.01	0	1.85	2.31	3.74	4.11	3.61	3.61	0.95
2.26	1.44	0.83	0.44	0.22	0.11	0.05	0.03	0.01	0	2.21	2.3	3.74	4.1	3.61	3.59	0.95
2.27	1.45	0.84	0.44	0.22	0.11	0.05	0.03	0.01	0	2	2.42	3.74	4.05	3.6	3.56	0.95
2.29	1.46	0.84	0.45	0.23	0.11	0.05	0.03	0.01	0	1.91	2.5	3.73	3.93	3.61	3.57	0.95
2.32	1.48	0.85	0.45	0.23	0.11	0.05	0.03	0.01	0	2.25	2.3	3.74	3.85	3.64	3.57	0.95
2.35	1.5	0.87	0.46	0.23	0.11	0.05	0.03	0.01	0	2.24	2.25	3.74	3.87	3.62	3.58	0.96
2.39	1.53	0.89	0.47	0.23	0.11	0.05	0.03	0.01	0	1.73	2.35	3.74	3.96	3.62	3.56	0.96
2.44	1.57	0.91	0.48	0.24	0.12	0.05	0.03	0.01	0	2.05	2.38	3.76	4.07	3.64	3.57	0.96
2.5	1.61	0.93	0.49	0.24	0.12	0.05	0.02	0.01	0	2.23	2.27	3.78	4.12	3.63	3.59	0.97
2.56	1.66	0.96	0.5	0.24	0.11	0.05	0.02	0.01	0	2.01	2.25	3.76	4.04	3.61	3.59	0.97
2.63	1.71	0.99	0.51	0.24	0.11	0.04	0.02	0.01	0	1.43	2.36	3.74	3.94	3.61	3.58	0.97
2.71	1.76	1.02	0.52	0.25	0.11	0.04	0.02	0.01	0	2.14	2.46	3.73	3.89	3.6	3.58	0.97
2.78	1.82	1.05	0.53	0.25	0.11	0.04	0.01	0.009	0	2.21	2.31	3.74	3.87	3.61	3.58	0.97
2.85	1.87	1.08	0.55	0.25	0.11	0.04	0.01	0.009	0	1.73	2.57	3.75	3.92	3.62	3.58	0.97
2.91	1.92	1.11	0.56	0.26	0.11	0.04	0.01	0.008	0	2	2.28	3.77	3.98	3.62	3.57	0.97
2.96	1.96	1.13	0.58	0.26	0.11	0.04	0.01	0.009	0	2.01	2.47	3.75	4	3.6	3.57	0.97
2.99	1.99	1.16	0.59	0.27	0.11	0.04	0.01	0.009	0	1.75	2.28	3.74	3.99	3.62	3.57	0.97
3.01	2.01	1.19	0.61	0.28	0.11	0.04	0.01	0.009	0	1.91	2.47	3.75	3.95	3.62	3.56	0.97
3.02	2.03	1.21	0.63	0.29	0.12	0.04	0.01	0.009	0	1.77	2.56	3.73	3.91	3.62	3.59	0.97
3.01	2.05	1.23	0.65	0.3	0.12	0.04	0.01	0.009	0	1.87	2.64	3.74	3.84	3.61	3.59	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3	2.06	1.25	0.67	0.31	0.13	0.04	0.01	0.008	0	1.88	2.53	3.74	3.88	3.61	3.59	0.97
2.99	2.07	1.28	0.69	0.32	0.13	0.04	0.01	0.007	0	1.69	2.46	3.74	3.86	3.62	3.59	0.97
2.98	2.07	1.3	0.71	0.33	0.13	0.04	0.01	0.006	0	2.08	2.36	3.75	3.82	3.63	3.6	0.97
2.97	2.08	1.32	0.73	0.34	0.13	0.04	0.01	0.005	0	2.16	2.51	3.75	3.81	3.6	3.58	0.97
2.97	2.09	1.33	0.75	0.35	0.13	0.04	0.01	0.002	0	1.61	2.54	3.73	3.9	3.6	3.58	0.97
2.97	2.11	1.35	0.76	0.36	0.13	0.04	0.01	-0.001	0	1.99	2.28	3.74	4	3.62	3.59	0.97
2.98	2.13	1.37	0.77	0.36	0.13	0.03	0.01	-0.001	0	2.08	2.35	3.77	4.12	3.63	3.58	0.97
3	2.14	1.39	0.79	0.37	0.14	0.03	0.01	0	0	2.1	2.42	3.76	4.17	3.6	3.61	0.96
3.01	2.16	1.4	0.8	0.37	0.14	0.03	0.009	0.001	0	1.93	2.22	3.78	4.16	3.62	3.63	0.96
3.02	2.18	1.41	0.8	0.38	0.14	0.03	0.008	0.002	0	2.26	2.27	3.76	4.1	3.61	3.62	0.96
3.03	2.19	1.43	0.81	0.38	0.14	0.03	0.007	0.003	0	1.95	2.34	3.75	4.11	3.62	3.57	0.96
3.04	2.2	1.44	0.82	0.38	0.14	0.03	0.007	0.003	0	1.74	2.16	3.76	4.07	3.62	3.56	0.96
3.04	2.21	1.45	0.82	0.39	0.14	0.03	0.007	0.004	0	1.81	1.92	3.74	4.02	3.6	3.55	0.96
3.03	2.21	1.46	0.83	0.39	0.14	0.03	0.007	0.003	0	1.64	2.27	3.75	3.99	3.58	3.55	0.96
3.02	2.21	1.46	0.84	0.39	0.14	0.04	0.008	0.003	0	1.59	2.49	3.74	4	3.62	3.56	0.96
3.01	2.21	1.47	0.84	0.4	0.15	0.04	0.008	0.003	0	1.51	2.46	3.74	4.07	3.62	3.58	0.96
3	2.21	1.47	0.85	0.4	0.15	0.04	0.009	0.002	0	1.82	1.87	3.74	4.14	3.6	3.58	0.97
2.98	2.2	1.48	0.86	0.41	0.15	0.04	0.01	0.002	0	1.68	2.03	3.75	4.17	3.6	3.6	0.97
2.97	2.2	1.48	0.86	0.42	0.16	0.04	0.01	0.001	0	1.69	2.19	3.76	4.18	3.6	3.63	0.97
2.96	2.19	1.48	0.87	0.42	0.16	0.04	0.01	0.001	0	1.35	2.29	3.76	4.14	3.62	3.6	0.97
2.95	2.19	1.48	0.87	0.43	0.16	0.05	0.01	0	0	1.75	2.29	3.74	4.08	3.61	3.57	0.98
2.95	2.19	1.48	0.88	0.43	0.17	0.05	0.01	0	0	1.51	2.24	3.73	3.98	3.62	3.55	0.98
2.95	2.19	1.48	0.88	0.43	0.17	0.05	0.01	-0.001	0	2.1	2.18	3.74	3.94	3.63	3.56	0.98
2.96	2.2	1.49	0.88	0.44	0.17	0.05	0.01	-0.001	0	1.89	2.26	3.75	3.95	3.63	3.56	0.98
2.98	2.21	1.5	0.89	0.44	0.18	0.05	0.01	-0.001	0	1.67	2.42	3.75	3.97	3.6	3.56	0.98
3	2.23	1.5	0.89	0.45	0.18	0.05	0.01	0	0	1.94	2.38	3.74	3.97	3.59	3.58	0.98
3.03	2.24	1.51	0.9	0.45	0.18	0.06	0.01	0	0	1.98	2.49	3.74	3.95	3.6	3.58	0.98
3.06	2.26	1.52	0.9	0.45	0.18	0.06	0.01	0	0	1.82	2.36	3.74	3.94	3.58	3.57	0.99
3.1	2.29	1.54	0.91	0.46	0.19	0.06	0.01	0	0	1.81	2.1	3.73	3.95	3.6	3.58	0.99
3.14	2.32	1.55	0.92	0.46	0.19	0.06	0.01	0	0	1.49	2.38	3.74	4.02	3.61	3.58	0.99
3.19	2.35	1.58	0.93	0.47	0.19	0.06	0.01	0	0	1.72	2.45	3.75	4.13	3.6	3.61	0.99
3.25	2.4	1.6	0.94	0.48	0.19	0.06	0.01	0.001	0	2.18	2.44	3.76	4.14	3.61	3.62	0.99
3.32	2.45	1.64	0.97	0.49	0.2	0.07	0.02	0.003	0	2.04	2.53	3.75	4.16	3.61	3.62	0.99
3.39	2.51	1.68	0.99	0.5	0.21	0.07	0.02	0.006	0	1.98	2.57	3.76	4.06	3.61	3.61	0.99
3.46	2.57	1.73	1.02	0.52	0.22	0.08	0.03	0.008	0	1.73	2.49	3.75	4.06	3.62	3.61	0.99
3.53	2.63	1.77	1.05	0.53	0.23	0.08	0.03	0.009	0	2.19	1.69	3.75	4.02	3.62	3.59	0.99
3.6	2.69	1.81	1.07	0.54	0.24	0.09	0.03	0.01	0	1.57	1.73	3.74	3.98	3.61	3.56	0.99
3.67	2.75	1.86	1.1	0.56	0.24	0.09	0.03	0.01	0	2.01	2.09	3.75	3.94	3.62	3.57	0.99
3.73	2.8	1.9	1.12	0.57	0.24	0.09	0.03	0.009	0	2.2	2.13	3.75	3.94	3.62	3.57	0.99
3.79	2.86	1.94	1.14	0.58	0.25	0.09	0.03	0.008	0	1.49	2.38	3.73	3.99	3.63	3.56	0.99
3.85	2.91	1.97	1.17	0.59	0.25	0.09	0.03	0.008	0	1.91	2.22	3.75	4.05	3.63	3.57	0.99
3.89	2.95	2.01	1.19	0.6	0.26	0.09	0.03	0.008	0	2.14	2.29	3.75	4.07	3.64	3.56	0.99
3.93	2.99	2.05	1.21	0.61	0.26	0.1	0.03	0.009	0	2.29	1.98	3.74	4.04	3.63	3.57	0.99
3.97	3.03	2.08	1.23	0.63	0.27	0.1	0.03	0.01	0	1.95	1.96	3.74	3.97	3.62	3.57	0.99
3.99	3.07	2.11	1.26	0.64	0.28	0.1	0.03	0.01	0	1.44	2.2	3.75	3.9	3.61	3.56	0.98
4.02	3.1	2.14	1.28	0.66	0.29	0.11	0.04	0.01	0	2.31	2.4	3.72	3.78	3.62	3.54	0.98
4.04	3.13	2.17	1.3	0.67	0.29	0.11	0.04	0.01	0	2.45	2.42	3.72	3.76	3.59	3.56	0.98
4.06	3.15	2.19	1.32	0.68	0.3	0.12	0.04	0.01	0	2.13	2.08	3.72	3.78	3.59	3.54	0.98
4.08	3.17	2.21	1.33	0.68	0.3	0.12	0.04	0.01	0	1.58	2.41	3.72	3.93	3.6	3.56	0.98
4.09	3.18	2.22	1.34	0.69	0.3	0.12	0.04	0.01	0	2.04	2.35	3.75	4.04	3.6	3.59	0.98
4.1	3.19	2.23	1.35	0.69	0.3	0.12	0.04	0.01	0	2.15	2.35	3.75	4.1	3.62	3.59	0.98
4.1	3.2	2.24	1.36	0.69	0.3	0.12	0.04	0.01	0	2.18	2.4	3.75	4.11	3.62	3.6	0.99
4.09	3.19	2.24	1.36	0.7	0.3	0.12	0.04	0.01	0	1.97	2.4	3.75	3.99	3.62	3.61	0.99
4.07	3.19	2.24	1.37	0.7	0.3	0.12	0.04	0.01	0	1.9	2.28	3.74	3.92	3.6	3.56	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.05	3.18	2.24	1.37	0.7	0.3	0.12	0.04	0.01	0	1.74	2.16	3.74	3.85	3.58	3.56	0.99
4.03	3.17	2.24	1.37	0.71	0.31	0.12	0.04	0.01	0	1.37	2.27	3.75	3.89	3.59	3.58	0.99
4.01	3.15	2.24	1.38	0.71	0.31	0.12	0.04	0.01	0	1.64	2.36	3.74	3.88	3.6	3.57	0.99
3.99	3.15	2.24	1.38	0.72	0.32	0.12	0.04	0.01	0	1.91	2.39	3.74	3.87	3.61	3.55	0.99
3.98	3.14	2.24	1.39	0.73	0.32	0.13	0.05	0.01	0	2.01	2.32	3.72	3.88	3.62	3.57	0.99
3.98	3.14	2.24	1.39	0.74	0.33	0.13	0.05	0.01	0	2.04	2.42	3.73	3.92	3.61	3.56	0.99
3.98	3.14	2.24	1.4	0.75	0.33	0.14	0.05	0.02	0	2.33	2.36	3.74	3.94	3.61	3.56	1
3.98	3.14	2.24	1.4	0.75	0.34	0.14	0.05	0.02	0	1.94	2.42	3.74	3.91	3.59	3.57	1
3.98	3.14	2.25	1.41	0.76	0.35	0.14	0.06	0.02	0	2.07	2.35	3.74	3.91	3.59	3.58	1
3.98	3.14	2.25	1.41	0.76	0.35	0.15	0.06	0.02	0	1.82	2.36	3.76	3.97	3.61	3.59	1
3.98	3.14	2.25	1.41	0.77	0.35	0.15	0.06	0.02	0	1.98	2.26	3.76	4.01	3.62	3.58	1
3.98	3.14	2.25	1.41	0.77	0.35	0.15	0.06	0.02	0	1.94	2.32	3.77	3.97	3.62	3.57	1
3.97	3.14	2.24	1.41	0.77	0.36	0.15	0.06	0.02	0	1.83	2.22	3.76	3.86	3.61	3.57	1
3.96	3.13	2.24	1.41	0.77	0.36	0.15	0.06	0.02	0	2.01	2.37	3.74	3.83	3.62	3.58	1
3.96	3.13	2.24	1.42	0.77	0.36	0.15	0.06	0.02	0	1.86	2.45	3.74	3.82	3.61	3.58	1
3.95	3.13	2.25	1.42	0.77	0.36	0.15	0.05	0.02	0	1.79	2.35	3.75	3.82	3.64	3.56	1
3.95	3.13	2.25	1.42	0.77	0.36	0.15	0.05	0.02	0	1.93	2.37	3.75	3.81	3.63	3.57	1
3.95	3.13	2.26	1.43	0.78	0.36	0.14	0.05	0.02	0	1.85	2.26	3.74	3.81	3.61	3.59	1
3.96	3.14	2.26	1.43	0.78	0.36	0.14	0.05	0.02	0	1.93	2.36	3.73	3.8	3.6	3.6	0.99
3.97	3.15	2.28	1.44	0.79	0.36	0.14	0.05	0.02	0	2.24	2.53	3.73	3.78	3.6	3.59	0.99
3.98	3.17	2.29	1.46	0.79	0.36	0.14	0.05	0.02	0	1.72	2.37	3.74	3.77	3.59	3.58	0.99
3.99	3.18	2.31	1.47	0.8	0.37	0.14	0.05	0.02	0	2	2.4	3.74	3.88	3.6	3.58	0.99
4.01	3.2	2.33	1.48	0.81	0.37	0.14	0.05	0.02	0	2.02	2.55	3.76	3.96	3.59	3.6	0.99
4.03	3.22	2.34	1.5	0.82	0.37	0.14	0.05	0.01	0	1.8	2.41	3.76	3.98	3.61	3.6	0.99
4.04	3.24	2.36	1.51	0.83	0.38	0.14	0.05	0.01	0	1.95	2.39	3.75	3.93	3.61	3.58	0.99
4.06	3.26	2.38	1.53	0.83	0.38	0.14	0.05	0.01	0	1.72	2.44	3.74	3.85	3.62	3.59	0.99
4.07	3.27	2.4	1.54	0.84	0.38	0.14	0.05	0.01	0	1.78	2.52	3.72	3.78	3.62	3.55	0.98
4.09	3.29	2.41	1.55	0.85	0.38	0.14	0.05	0.01	0	2.26	2.32	3.73	3.77	3.61	3.55	0.98
4.1	3.3	2.42	1.56	0.85	0.38	0.14	0.04	0.01	0	1.97	2.44	3.73	3.8	3.58	3.58	0.98
4.12	3.32	2.44	1.57	0.86	0.38	0.14	0.04	0.01	0	1.74	2.37	3.74	3.93	3.61	3.57	0.98
4.13	3.33	2.45	1.58	0.86	0.38	0.14	0.04	0.008	0	2.02	2.25	3.76	4.02	3.62	3.6	0.98
4.14	3.34	2.46	1.59	0.86	0.38	0.13	0.04	0.006	0	1.87	2.54	3.76	4.05	3.61	3.62	0.98
4.16	3.35	2.47	1.59	0.87	0.38	0.13	0.03	0.005	0	1.93	2.48	3.77	4.09	3.61	3.59	0.98
4.17	3.36	2.47	1.6	0.87	0.39	0.13	0.03	0.003	0	1.93	2.37	3.75	4	3.6	3.59	0.97
4.18	3.37	2.48	1.6	0.88	0.39	0.13	0.03	0.003	0	1.83	2.46	3.73	3.92	3.61	3.57	0.97
4.19	3.37	2.49	1.61	0.88	0.39	0.13	0.03	0.003	0	2.09	2.36	3.73	3.84	3.6	3.56	0.97
4.19	3.38	2.49	1.61	0.89	0.4	0.14	0.03	0.004	0	2.27	2.28	3.74	3.8	3.61	3.58	0.97
4.2	3.38	2.49	1.62	0.89	0.4	0.14	0.04	0.005	0	1.79	2.41	3.74	3.89	3.61	3.57	0.96
4.2	3.38	2.49	1.62	0.9	0.4	0.14	0.04	0.006	0	2.07	2.36	3.75	4.01	3.61	3.57	0.96
4.21	3.39	2.5	1.63	0.9	0.41	0.14	0.04	0.006	0	2.19	2.27	3.73	4.04	3.6	3.57	0.96
4.21	3.39	2.5	1.63	0.9	0.41	0.14	0.04	0.007	0	1.99	1.95	3.74	4.1	3.6	3.62	0.96
4.21	3.39	2.5	1.63	0.9	0.41	0.15	0.04	0.007	0	1.95	1.89	3.73	4.1	3.59	3.62	0.95
4.22	3.4	2.5	1.63	0.9	0.41	0.15	0.04	0.006	0	2.01	2.11	3.73	4.08	3.58	3.59	0.95
4.23	3.4	2.5	1.63	0.9	0.41	0.15	0.04	0.005	0	1.74	2.19	3.72	4.06	3.57	3.59	0.96
4.24	3.41	2.51	1.63	0.9	0.41	0.15	0.04	0.004	0	1.88	2.27	3.72	4.01	3.61	3.55	0.96
4.24	3.41	2.51	1.63	0.9	0.41	0.14	0.04	0.004	0	1.81	2.32	3.74	4.03	3.61	3.55	0.96
4.25	3.42	2.51	1.62	0.9	0.41	0.15	0.04	0.004	0	1.76	2.39	3.75	4.03	3.62	3.56	0.97
4.26	3.42	2.51	1.62	0.9	0.41	0.15	0.04	0.004	0	1.84	2.39	3.75	4.08	3.62	3.59	0.97
4.26	3.42	2.51	1.62	0.9	0.41	0.15	0.04	0.003	0	1.72	2.36	3.76	4.05	3.61	3.58	0.98
4.26	3.42	2.5	1.62	0.9	0.41	0.15	0.04	0.003	0	1.53	2.32	3.74	4.02	3.63	3.55	0.98
4.25	3.41	2.5	1.62	0.9	0.41	0.15	0.04	0.003	0	1.82	2.46	3.76	4	3.64	3.57	0.98
4.24	3.41	2.5	1.62	0.9	0.41	0.15	0.04	0.003	0	1.84	2.56	3.75	4.02	3.63	3.58	0.99
4.23	3.4	2.49	1.62	0.9	0.41	0.15	0.04	0.002	0	1.79	2.36	3.75	3.99	3.65	3.58	0.99
4.22	3.39	2.49	1.62	0.9	0.41	0.15	0.04	0.002	0	1.34	2.06	3.74	3.9	3.64	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.21	3.39	2.49	1.62	0.9	0.42	0.16	0.04	0.002	0	1.46	2.38	3.74	3.83	3.63	3.58	0.99
4.21	3.38	2.48	1.62	0.9	0.42	0.16	0.04	0.002	0	2.1	2.45	3.74	3.78	3.62	3.6	0.99
4.2	3.38	2.48	1.62	0.9	0.43	0.17	0.05	0.004	0	2.15	2.45	3.73	3.75	3.64	3.6	0.99
4.19	3.37	2.48	1.62	0.91	0.43	0.17	0.05	0.006	0	1.97	2.47	3.73	3.81	3.63	3.61	0.99
4.19	3.37	2.48	1.62	0.91	0.44	0.18	0.06	0.009	0	1.94	2.29	3.75	3.9	3.62	3.59	0.99
4.17	3.36	2.48	1.62	0.92	0.45	0.19	0.06	0.01	0	2.31	2.24	3.75	3.98	3.63	3.57	0.99
4.16	3.35	2.47	1.62	0.92	0.45	0.19	0.07	0.01	0	2.26	2.32	3.75	4	3.61	3.59	0.99
4.15	3.34	2.47	1.63	0.93	0.46	0.2	0.07	0.01	0	2.15	2.41	3.75	3.93	3.61	3.58	0.99
4.14	3.33	2.47	1.63	0.94	0.47	0.2	0.08	0.02	0	1.59	2.4	3.73	3.81	3.61	3.57	0.99
4.13	3.33	2.47	1.63	0.94	0.47	0.21	0.08	0.02	0	2.34	2.11	3.71	3.82	3.59	3.56	0.99
4.13	3.33	2.47	1.64	0.95	0.47	0.21	0.08	0.02	0	2.45	2.38	3.72	3.86	3.59	3.55	0.99
4.14	3.34	2.47	1.64	0.95	0.48	0.21	0.09	0.02	0	2.21	2.44	3.74	3.82	3.61	3.57	0.99
4.14	3.34	2.48	1.64	0.95	0.48	0.21	0.09	0.03	0	2.25	2.33	3.74	3.84	3.62	3.59	0.99
4.15	3.35	2.48	1.64	0.94	0.48	0.21	0.09	0.03	0	2.21	2.53	3.75	3.93	3.62	3.56	0.99
4.16	3.35	2.48	1.64	0.94	0.47	0.21	0.08	0.03	0	2.18	2.42	3.76	4.04	3.63	3.57	0.99
4.16	3.36	2.49	1.65	0.94	0.47	0.21	0.08	0.02	0	2.3	2.47	3.77	4.11	3.64	3.61	0.99
4.15	3.36	2.49	1.65	0.94	0.47	0.21	0.08	0.02	0	2.1	2.32	3.76	4.08	3.65	3.62	0.99
4.14	3.35	2.49	1.65	0.95	0.47	0.2	0.08	0.02	0	1.98	2.36	3.77	4.08	3.6	3.61	0.99
4.13	3.35	2.5	1.66	0.95	0.48	0.2	0.08	0.02	0	1.76	2.28	3.76	3.97	3.63	3.61	0.98
4.11	3.34	2.5	1.67	0.96	0.48	0.2	0.08	0.02	0	1.99	2.43	3.74	3.93	3.61	3.58	0.98
4.1	3.34	2.5	1.67	0.97	0.48	0.2	0.07	0.02	0	2.24	2.43	3.72	3.83	3.59	3.57	0.98
4.1	3.34	2.51	1.68	0.97	0.48	0.2	0.07	0.01	0	2.2	2.47	3.72	3.82	3.6	3.55	0.98
4.1	3.34	2.52	1.69	0.98	0.48	0.2	0.06	0.01	0	1.98	2.4	3.72	3.91	3.6	3.55	0.97
4.1	3.35	2.53	1.7	0.98	0.48	0.19	0.06	0.01	0	1.9	2.18	3.74	4.02	3.62	3.57	0.97
4.11	3.37	2.54	1.71	0.99	0.48	0.19	0.06	0.01	0	1.93	2.54	3.75	4.09	3.63	3.59	0.97
4.12	3.38	2.56	1.73	1	0.49	0.19	0.06	0.009	0	2.15	2.52	3.77	4.15	3.6	3.61	0.97
4.13	3.39	2.58	1.75	1.02	0.49	0.2	0.06	0.009	0	2.09	2.14	3.77	4.15	3.61	3.58	0.97
4.13	3.41	2.59	1.76	1.03	0.5	0.2	0.06	0.009	0	2.14	2.28	3.76	4.09	3.63	3.59	0.97
4.14	3.42	2.61	1.78	1.05	0.51	0.2	0.06	0.009	0	1.58	1.91	3.76	4.02	3.63	3.59	0.97
4.14	3.43	2.63	1.8	1.06	0.52	0.21	0.06	0.009	0	2.23	2.07	3.74	3.92	3.61	3.56	0.97
4.14	3.44	2.65	1.82	1.08	0.53	0.21	0.07	0.009	0	2.04	2.39	3.72	3.85	3.62	3.57	0.97
4.15	3.45	2.66	1.84	1.1	0.54	0.21	0.07	0.01	0	2.04	2.61	3.73	3.86	3.6	3.56	0.97
4.16	3.47	2.68	1.86	1.11	0.55	0.22	0.07	0.01	0	1.45	2.5	3.73	3.91	3.6	3.57	0.97
4.16	3.48	2.7	1.88	1.13	0.56	0.22	0.07	0.01	0	1.87	2.29	3.73	3.93	3.61	3.57	0.97
4.17	3.5	2.72	1.9	1.14	0.57	0.23	0.07	0.01	0	1.79	2.38	3.73	3.92	3.64	3.57	0.97
4.18	3.51	2.73	1.91	1.16	0.58	0.24	0.08	0.01	0	1.71	2.42	3.74	3.92	3.62	3.62	0.97
4.18	3.52	2.75	1.93	1.17	0.59	0.24	0.08	0.01	0	1.78	2.58	3.75	3.93	3.6	3.61	0.96
4.18	3.52	2.77	1.95	1.19	0.61	0.25	0.08	0.01	0	1.89	2.47	3.75	3.97	3.63	3.58	0.96
4.18	3.53	2.78	1.97	1.21	0.62	0.25	0.08	0.01	0	2.13	2.24	3.74	4.08	3.61	3.58	0.96
4.18	3.54	2.8	2	1.23	0.64	0.26	0.09	0.01	0	1.8	1.96	3.74	4.08	3.61	3.6	0.96
4.19	3.55	2.82	2.02	1.26	0.65	0.27	0.09	0.02	0	1.88	2.42	3.73	4.08	3.6	3.62	0.96
4.2	3.57	2.84	2.05	1.28	0.67	0.28	0.09	0.02	0	1.95	2.4	3.73	4.02	3.62	3.6	0.96
4.22	3.59	2.87	2.08	1.31	0.68	0.28	0.09	0.02	0	1.96	2.58	3.74	3.94	3.6	3.56	0.97
4.24	3.62	2.9	2.11	1.34	0.7	0.29	0.1	0.02	0	1.76	2.5	3.72	3.89	3.6	3.56	0.97
4.26	3.64	2.93	2.14	1.37	0.72	0.3	0.1	0.02	0	2.1	2.21	3.72	3.91	3.61	3.56	0.97
4.29	3.67	2.96	2.18	1.4	0.74	0.31	0.11	0.03	0	1.81	2.21	3.72	3.99	3.62	3.56	0.97
4.32	3.7	3	2.21	1.43	0.76	0.33	0.11	0.03	0	2.1	2.16	3.76	4.09	3.64	3.58	0.98
4.34	3.73	3.03	2.25	1.46	0.78	0.34	0.12	0.03	0	2.18	2.06	3.77	4.16	3.64	3.61	0.98
4.36	3.75	3.06	2.28	1.48	0.8	0.35	0.12	0.03	0	1.96	2.39	3.77	4.19	3.62	3.61	0.98
4.37	3.77	3.08	2.31	1.51	0.82	0.36	0.13	0.03	0	1.92	2.37	3.76	4.16	3.6	3.58	0.98
4.38	3.79	3.11	2.33	1.53	0.84	0.37	0.13	0.04	0	1.81	2.39	3.76	4.11	3.61	3.62	0.99
4.39	3.8	3.13	2.36	1.56	0.86	0.38	0.13	0.04	0	1.79	2.34	3.75	4	3.64	3.6	0.99
4.39	3.81	3.14	2.38	1.58	0.88	0.39	0.14	0.04	0	1.83	2.11	3.72	3.93	3.62	3.57	0.99
4.4	3.82	3.16	2.39	1.6	0.89	0.4	0.14	0.04	0	2.26	2.13	3.73	3.85	3.64	3.54	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.4	3.83	3.17	2.41	1.61	0.91	0.41	0.15	0.04	0	2.11	1.98	3.73	3.9	3.6	3.57	0.99
4.41	3.84	3.18	2.43	1.63	0.92	0.42	0.15	0.04	0	1.65	2.17	3.74	3.99	3.62	3.56	0.99
4.41	3.85	3.19	2.44	1.64	0.93	0.43	0.16	0.05	0	2.21	2.1	3.75	4.02	3.62	3.58	0.99
4.42	3.86	3.2	2.45	1.66	0.94	0.43	0.16	0.05	0	2.11	2.33	3.76	4.04	3.62	3.59	0.99
4.42	3.86	3.21	2.46	1.67	0.95	0.44	0.16	0.05	0	1.72	2.49	3.74	3.96	3.62	3.57	0.99
4.43	3.87	3.22	2.47	1.68	0.96	0.45	0.17	0.05	0	2.11	2.35	3.72	3.88	3.63	3.56	0.99
4.44	3.88	3.23	2.48	1.69	0.97	0.45	0.17	0.05	0	1.9	2.23	3.71	3.86	3.59	3.56	0.99
4.44	3.89	3.24	2.48	1.69	0.98	0.46	0.17	0.05	0	1.6	2.35	3.72	3.97	3.6	3.57	0.99
4.45	3.89	3.24	2.49	1.7	0.98	0.46	0.18	0.05	0	1.87	2.55	3.75	4.07	3.61	3.61	0.99
4.46	3.9	3.25	2.5	1.71	0.99	0.47	0.18	0.05	0	2.09	2.35	3.75	4.11	3.63	3.62	0.99
4.46	3.91	3.26	2.5	1.71	0.99	0.47	0.18	0.05	0	1.76	2.33	3.76	4.05	3.65	3.59	0.99
4.46	3.91	3.26	2.51	1.71	1	0.47	0.18	0.05	0	1.59	2.35	3.76	4.02	3.62	3.58	0.99
4.46	3.91	3.27	2.51	1.72	1	0.48	0.18	0.05	0	1.71	2.02	3.75	4	3.62	3.58	0.99
4.45	3.91	3.27	2.52	1.72	1.01	0.48	0.19	0.05	0	1.8	2.31	3.75	3.97	3.64	3.59	0.99
4.44	3.9	3.26	2.52	1.72	1.01	0.49	0.19	0.05	0	1.91	2.28	3.73	3.94	3.62	3.57	0.99
4.43	3.9	3.26	2.52	1.73	1.02	0.49	0.19	0.05	0	1.74	2.05	3.74	3.89	3.61	3.54	0.98
4.41	3.89	3.26	2.52	1.74	1.02	0.49	0.19	0.05	0	1.79	2.29	3.74	3.84	3.62	3.57	0.98
4.4	3.88	3.26	2.53	1.74	1.03	0.5	0.2	0.05	0	1.76	2.34	3.73	3.81	3.62	3.6	0.98
4.4	3.88	3.26	2.53	1.75	1.03	0.5	0.2	0.05	0	2.16	2.3	3.74	3.89	3.61	3.61	0.98
4.39	3.88	3.26	2.53	1.75	1.04	0.51	0.2	0.05	0	2.42	2.51	3.73	3.91	3.6	3.63	0.98
4.39	3.88	3.26	2.53	1.75	1.04	0.51	0.21	0.05	0	2.36	2.56	3.73	3.87	3.62	3.59	0.98
4.4	3.88	3.26	2.53	1.76	1.04	0.52	0.21	0.05	0	1.59	2.44	3.74	3.83	3.62	3.61	0.98
4.4	3.88	3.26	2.53	1.76	1.05	0.52	0.21	0.05	0	2.25	2.2	3.73	3.81	3.64	3.59	0.98
4.4	3.88	3.25	2.53	1.75	1.05	0.52	0.21	0.05	0	2.32	2.13	3.74	3.86	3.61	3.57	0.98
4.4	3.88	3.25	2.53	1.75	1.05	0.53	0.21	0.05	0	2.13	2.41	3.72	3.83	3.63	3.59	0.98
4.4	3.88	3.25	2.53	1.76	1.05	0.53	0.22	0.06	0	1.57	2.46	3.73	3.78	3.61	3.6	0.98
4.41	3.88	3.25	2.53	1.76	1.05	0.53	0.22	0.06	0	2.16	2.39	3.73	3.77	3.61	3.61	0.98
4.41	3.88	3.25	2.53	1.76	1.06	0.53	0.22	0.06	0	2.24	2.26	3.74	3.77	3.61	3.58	0.98
4.41	3.88	3.25	2.53	1.76	1.06	0.53	0.22	0.06	0	2.16	2.2	3.72	3.76	3.6	3.56	0.98
4.41	3.88	3.25	2.53	1.76	1.06	0.53	0.22	0.06	0	1.88	2.19	3.73	3.88	3.6	3.56	0.98
4.41	3.88	3.26	2.53	1.76	1.06	0.53	0.22	0.06	0	1.99	2.19	3.75	4.07	3.62	3.57	0.98
4.41	3.89	3.26	2.53	1.77	1.06	0.53	0.22	0.06	0	1.83	2.13	3.76	4.13	3.62	3.6	0.98
4.42	3.89	3.26	2.54	1.77	1.06	0.53	0.21	0.06	0	1.65	2.52	3.78	4.13	3.62	3.6	0.97
4.42	3.89	3.27	2.55	1.78	1.07	0.53	0.21	0.06	0	1.74	2.52	3.74	4.19	3.62	3.62	0.97
4.41	3.89	3.27	2.55	1.78	1.07	0.54	0.22	0.06	0	1.93	2.49	3.75	4.1	3.61	3.58	0.97
4.41	3.89	3.28	2.56	1.79	1.08	0.54	0.22	0.06	0	1.86	2.47	3.72	4.04	3.61	3.57	0.97
4.41	3.9	3.29	2.58	1.81	1.09	0.54	0.22	0.06	0	1.71	2.13	3.73	3.94	3.61	3.57	0.96
4.41	3.9	3.3	2.59	1.82	1.1	0.55	0.23	0.06	0	2	2.2	3.72	3.86	3.59	3.54	0.96
4.41	3.9	3.31	2.6	1.83	1.11	0.56	0.23	0.06	0	1.74	2.48	3.72	3.88	3.6	3.56	0.96
4.41	3.91	3.32	2.61	1.85	1.12	0.56	0.23	0.06	0	1.8	2.56	3.73	3.96	3.6	3.57	0.96
4.41	3.92	3.33	2.63	1.86	1.13	0.57	0.24	0.06	0	1.93	2.5	3.73	4.04	3.61	3.59	0.96
4.42	3.92	3.33	2.63	1.87	1.14	0.57	0.24	0.06	0	2.01	2.39	3.73	4.09	3.6	3.61	0.96
4.42	3.92	3.34	2.64	1.87	1.15	0.58	0.24	0.07	0	2.01	2.24	3.74	4.12	3.61	3.6	0.96
4.42	3.92	3.34	2.64	1.88	1.15	0.58	0.24	0.07	0	2.01	2.26	3.75	4.09	3.59	3.6	0.96
4.41	3.92	3.34	2.64	1.88	1.15	0.58	0.24	0.07	0	2.05	2.26	3.74	4.02	3.59	3.55	0.96
4.4	3.91	3.33	2.64	1.87	1.15	0.58	0.24	0.07	0	2.28	2.29	3.74	3.93	3.6	3.56	0.96
4.39	3.9	3.32	2.63	1.87	1.15	0.58	0.24	0.07	0	1.66	2.13	3.72	3.92	3.63	3.55	0.96
4.37	3.89	3.31	2.62	1.87	1.15	0.58	0.24	0.07	0	1.77	2.07	3.73	3.92	3.61	3.54	0.96
4.35	3.87	3.3	2.62	1.86	1.14	0.58	0.24	0.07	0	1.44	2.34	3.73	3.95	3.61	3.56	0.96
4.34	3.86	3.28	2.61	1.85	1.14	0.58	0.24	0.07	0	1.51	2.47	3.71	3.93	3.6	3.56	0.96
4.32	3.84	3.27	2.59	1.84	1.14	0.58	0.24	0.07	0	1.7	2.6	3.73	3.93	3.6	3.58	0.96
4.3	3.82	3.26	2.58	1.84	1.13	0.58	0.24	0.06	0	1.92	2.53	3.74	3.95	3.61	3.57	0.96
4.29	3.8	3.24	2.57	1.83	1.12	0.58	0.24	0.06	0	1.85	2.26	3.75	3.93	3.59	3.55	0.96
4.27	3.79	3.22	2.56	1.82	1.12	0.58	0.24	0.06	0	1.6	2.36	3.75	3.89	3.59	3.57	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.25	3.77	3.21	2.54	1.81	1.12	0.58	0.24	0.07	0	1.98	2.47	3.74	3.85	3.61	3.59	0.97
4.23	3.75	3.19	2.53	1.8	1.11	0.58	0.24	0.07	0	1.65	2.35	3.73	3.86	3.62	3.57	0.97
4.2	3.72	3.17	2.52	1.79	1.11	0.58	0.24	0.07	0	1.99	2.34	3.74	3.91	3.62	3.57	0.97
4.17	3.7	3.15	2.5	1.79	1.11	0.58	0.24	0.07	0	2.14	2.19	3.76	3.93	3.62	3.59	0.97
4.14	3.67	3.13	2.49	1.78	1.1	0.58	0.25	0.07	0	1.95	2.17	3.75	3.94	3.64	3.59	0.97
4.1	3.64	3.11	2.47	1.77	1.1	0.58	0.25	0.07	0	1.68	2.56	3.74	3.88	3.62	3.59	0.98
4.06	3.61	3.08	2.46	1.76	1.1	0.58	0.25	0.07	0	1.84	2.57	3.74	3.82	3.65	3.57	0.98
4.03	3.58	3.06	2.44	1.76	1.09	0.58	0.25	0.07	0	2.17	2.22	3.74	3.8	3.63	3.59	0.98
4	3.56	3.04	2.43	1.75	1.09	0.58	0.25	0.07	0	2.05	2.24	3.73	3.82	3.62	3.59	0.98
3.97	3.53	3.02	2.41	1.74	1.09	0.58	0.25	0.07	0	1.58	2.28	3.75	3.84	3.63	3.59	0.99
3.93	3.51	3	2.4	1.73	1.09	0.58	0.25	0.07	0	2.05	2.27	3.73	3.89	3.61	3.59	0.99
3.91	3.48	2.98	2.39	1.73	1.08	0.58	0.25	0.07	0	2.2	2.48	3.74	3.95	3.63	3.59	0.99
3.89	3.46	2.97	2.38	1.72	1.08	0.58	0.25	0.07	0	2.07	2.48	3.75	3.97	3.62	3.61	0.99
3.86	3.44	2.95	2.37	1.72	1.08	0.58	0.26	0.07	0	1.77	2.44	3.75	3.95	3.62	3.61	1
3.84	3.43	2.94	2.36	1.71	1.08	0.58	0.26	0.08	0	1.08	2.47	3.73	3.91	3.6	3.6	1
3.83	3.41	2.92	2.35	1.7	1.08	0.58	0.26	0.08	0	1.79	2.36	3.73	3.85	3.6	3.59	1
3.81	3.4	2.91	2.34	1.7	1.08	0.58	0.26	0.08	0	2.16	2.3	3.74	3.84	3.59	3.57	1
3.8	3.39	2.9	2.33	1.69	1.08	0.58	0.26	0.08	0	2.08	2.32	3.74	3.83	3.6	3.57	1
3.8	3.38	2.89	2.32	1.68	1.07	0.58	0.26	0.08	0	1.78	2.37	3.74	3.83	3.62	3.6	1
3.79	3.37	2.89	2.31	1.68	1.07	0.58	0.26	0.08	0	1.77	2.5	3.75	3.84	3.64	3.59	1
3.78	3.37	2.88	2.3	1.67	1.07	0.58	0.26	0.08	0	1.98	2.36	3.76	3.9	3.61	3.6	1
3.78	3.36	2.87	2.3	1.67	1.06	0.58	0.26	0.08	0	2.03	2.05	3.75	3.94	3.62	3.58	0.99
3.77	3.35	2.86	2.29	1.66	1.06	0.58	0.26	0.08	0	1.77	2.24	3.75	3.94	3.62	3.57	0.99
3.75	3.34	2.85	2.28	1.66	1.06	0.58	0.26	0.08	0	1.94	2.28	3.74	3.95	3.61	3.6	0.99
3.74	3.33	2.85	2.28	1.65	1.05	0.57	0.26	0.08	0	1.89	2.31	3.74	3.92	3.6	3.61	0.98
3.73	3.32	2.84	2.27	1.65	1.05	0.57	0.26	0.08	0	2.07	2.33	3.74	3.87	3.61	3.59	0.98
3.73	3.31	2.83	2.26	1.64	1.04	0.56	0.25	0.08	0	1.92	2.05	3.72	3.87	3.62	3.59	0.97
3.72	3.31	2.82	2.25	1.63	1.03	0.55	0.25	0.07	0	1.95	2.16	3.72	3.89	3.61	3.55	0.96
3.72	3.3	2.81	2.24	1.62	1.02	0.55	0.24	0.07	0	1.79	2.15	3.73	3.95	3.62	3.57	0.96
3.71	3.3	2.81	2.24	1.61	1.01	0.54	0.23	0.07	0	2	2.07	3.74	3.98	3.6	3.53	0.96
3.71	3.3	2.81	2.23	1.6	1	0.53	0.23	0.07	0	1.88	2.44	3.73	3.98	3.6	3.56	0.95
3.71	3.29	2.8	2.22	1.59	0.99	0.52	0.22	0.06	0	1.49	2.5	3.73	4	3.6	3.57	0.95
3.71	3.29	2.8	2.22	1.58	0.99	0.52	0.22	0.06	0	1.91	2.35	3.72	4	3.59	3.58	0.94
3.71	3.29	2.8	2.21	1.58	0.98	0.51	0.22	0.06	0	1.95	2.42	3.73	3.99	3.6	3.56	0.94
3.71	3.29	2.8	2.21	1.57	0.97	0.51	0.21	0.06	0	1.84	2.48	3.73	4	3.62	3.57	0.94
3.72	3.3	2.8	2.21	1.57	0.97	0.51	0.21	0.06	0	2.26	2.52	3.73	4.01	3.6	3.58	0.94
3.72	3.3	2.8	2.21	1.57	0.97	0.5	0.21	0.06	0	2.06	2.24	3.74	3.96	3.58	3.55	0.93
3.73	3.31	2.8	2.21	1.56	0.96	0.5	0.21	0.06	0	2.12	2.28	3.72	3.83	3.62	3.55	0.93
3.74	3.31	2.81	2.21	1.56	0.96	0.5	0.21	0.06	0	2.37	2.32	3.72	3.76	3.59	3.55	0.93
3.76	3.33	2.81	2.21	1.56	0.96	0.49	0.21	0.05	0	2.26	1.98	3.71	3.82	3.59	3.59	0.93
3.78	3.34	2.82	2.21	1.56	0.95	0.49	0.2	0.05	0	1.91	2.13	3.73	3.93	3.62	3.58	0.94
3.8	3.35	2.83	2.22	1.56	0.95	0.49	0.2	0.05	0	2.17	2.09	3.75	4.01	3.59	3.54	0.94
3.82	3.37	2.84	2.22	1.56	0.95	0.49	0.2	0.05	0	1.95	1.76	3.74	4.07	3.6	3.56	0.94
3.84	3.39	2.85	2.23	1.56	0.95	0.48	0.2	0.05	0	2.09	2.37	3.74	4.11	3.6	3.58	0.94
3.86	3.4	2.87	2.24	1.57	0.95	0.48	0.2	0.05	0	2.02	2.39	3.75	4.11	3.61	3.6	0.95
3.88	3.42	2.88	2.25	1.57	0.95	0.48	0.2	0.05	0	2.02	2.15	3.73	4.1	3.62	3.55	0.95
3.89	3.44	2.89	2.26	1.58	0.95	0.48	0.2	0.05	0	1.73	2.21	3.74	4.08	3.62	3.57	0.95
3.91	3.45	2.91	2.27	1.59	0.96	0.48	0.2	0.05	0	1.71	2.18	3.74	4.07	3.61	3.57	0.95
3.93	3.47	2.92	2.28	1.6	0.96	0.48	0.2	0.05	0	1.77	2.14	3.74	4.05	3.63	3.56	0.95
3.94	3.48	2.93	2.29	1.61	0.97	0.49	0.2	0.05	0	1.78	2.16	3.72	4.07	3.61	3.58	0.95
3.95	3.49	2.95	2.3	1.61	0.97	0.49	0.2	0.05	0	1.73	2.22	3.74	4.06	3.61	3.55	0.95
3.96	3.5	2.96	2.31	1.62	0.98	0.49	0.2	0.05	0	1.76	2.1	3.75	4.1	3.61	3.56	0.95
3.97	3.52	2.97	2.32	1.63	0.98	0.49	0.2	0.05	0	1.95	2.19	3.76	4.09	3.6	3.58	0.96
3.98	3.52	2.98	2.33	1.63	0.98	0.49	0.2	0.05	0	1.7	2.19	3.75	4.12	3.6	3.62	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.99	3.53	2.98	2.34	1.64	0.99	0.49	0.2	0.05	0	1.91	2.35	3.74	4.09	3.6	3.59	0.96
4	3.54	2.99	2.35	1.64	0.99	0.49	0.2	0.05	0	1.64	2.29	3.74	4.06	3.63	3.58	0.96
4.02	3.55	3	2.35	1.65	0.99	0.49	0.2	0.05	0	1.69	2.33	3.74	4	3.59	3.56	0.96
4.03	3.56	3.01	2.36	1.65	0.99	0.49	0.2	0.05	0	2.01	2.38	3.72	3.95	3.59	3.57	0.96
4.04	3.57	3.02	2.37	1.65	0.99	0.49	0.2	0.05	0	1.88	2.54	3.73	3.98	3.63	3.56	0.96
4.06	3.58	3.03	2.37	1.66	0.99	0.49	0.2	0.05	0	1.84	2.61	3.75	4.01	3.64	3.57	0.96
4.07	3.59	3.04	2.37	1.66	0.99	0.49	0.2	0.05	0	1.86	2.51	3.75	4.03	3.63	3.56	0.96
4.08	3.6	3.04	2.38	1.66	0.99	0.49	0.2	0.05	0	2.18	2.39	3.74	3.97	3.63	3.59	0.96
4.09	3.61	3.05	2.38	1.66	0.99	0.49	0.2	0.05	0	1.83	2.39	3.75	3.99	3.61	3.56	0.96
4.09	3.62	3.05	2.39	1.66	1	0.49	0.19	0.05	0	2.13	2.14	3.72	3.86	3.6	3.55	0.96
4.1	3.63	3.06	2.4	1.67	1	0.49	0.19	0.05	0	2.3	2.11	3.71	3.83	3.6	3.56	0.96
4.11	3.64	3.07	2.4	1.67	1	0.49	0.19	0.05	0	1.75	2.17	3.72	3.88	3.59	3.54	0.96
4.12	3.65	3.08	2.41	1.68	1	0.49	0.19	0.05	0	1.69	2.32	3.72	3.99	3.6	3.56	0.96
4.13	3.66	3.09	2.42	1.69	1	0.49	0.19	0.05	0	2.09	1.84	3.72	4.09	3.61	3.57	0.96
4.15	3.68	3.11	2.43	1.69	1.01	0.49	0.19	0.05	0	2	2.17	3.75	4.16	3.62	3.6	0.95
4.17	3.69	3.12	2.45	1.7	1.01	0.49	0.19	0.05	0	1.92	1.09	3.74	4.12	3.61	3.58	0.95
4.19	3.71	3.14	2.46	1.71	1.01	0.49	0.19	0.05	0	2.2	1.58	3.74	4.08	3.6	3.57	0.96
4.21	3.74	3.16	2.47	1.71	1.01	0.49	0.19	0.05	0	2.14	1.94	3.74	4	3.61	3.57	0.96
4.24	3.76	3.18	2.48	1.72	1.02	0.49	0.19	0.05	0	2.07	2.33	3.72	3.94	3.6	3.55	0.96
4.27	3.79	3.2	2.49	1.73	1.02	0.49	0.19	0.05	0	2.13	2.24	3.73	3.91	3.59	3.56	0.96
4.3	3.81	3.22	2.5	1.73	1.02	0.49	0.19	0.05	0	1.97	2.36	3.73	3.95	3.63	3.56	0.96
4.33	3.83	3.23	2.51	1.74	1.02	0.49	0.18	0.05	0	2	2.5	3.73	3.96	3.62	3.55	0.96
4.36	3.85	3.25	2.52	1.74	1.02	0.49	0.18	0.05	0	1.99	2.3	3.74	3.96	3.63	3.56	0.97
4.38	3.87	3.26	2.53	1.74	1.02	0.49	0.18	0.05	0	1.86	2.37	3.72	3.93	3.64	3.61	0.97
4.4	3.89	3.27	2.53	1.75	1.02	0.49	0.18	0.05	0	1.78	2.5	3.73	3.86	3.63	3.57	0.97
4.42	3.9	3.28	2.54	1.75	1.02	0.48	0.18	0.05	0	1.48	2.55	3.74	3.84	3.63	3.57	0.97
4.44	3.92	3.29	2.54	1.75	1.02	0.48	0.18	0.05	0	1.63	2.42	3.72	3.81	3.61	3.59	0.97
4.46	3.93	3.3	2.55	1.75	1.02	0.48	0.18	0.05	0	1.71	1.99	3.72	3.8	3.61	3.59	0.97
4.48	3.94	3.31	2.55	1.76	1.02	0.48	0.18	0.05	0	1.77	2.1	3.72	3.77	3.6	3.57	0.97
4.5	3.96	3.32	2.56	1.76	1.02	0.48	0.18	0.05	0	1.62	2.49	3.72	3.85	3.62	3.56	0.97
4.51	3.97	3.32	2.56	1.76	1.02	0.49	0.18	0.05	0	2.06	2.47	3.72	3.85	3.62	3.57	0.97
4.53	3.98	3.33	2.57	1.76	1.02	0.49	0.18	0.05	0	1.77	2.27	3.72	3.88	3.62	3.58	0.97
4.53	3.99	3.34	2.57	1.76	1.02	0.49	0.18	0.05	0	1.75	2.22	3.73	3.96	3.61	3.55	0.97
4.54	3.99	3.34	2.57	1.76	1.03	0.49	0.18	0.05	0	2.3	2.4	3.74	4.06	3.61	3.56	0.97
4.54	4	3.34	2.58	1.77	1.03	0.49	0.18	0.05	0	2.3	2.12	3.76	4.18	3.61	3.61	0.97
4.54	4	3.35	2.58	1.77	1.03	0.49	0.19	0.05	0	1.61	1.95	3.76	4.21	3.62	3.64	0.97
4.54	4	3.35	2.58	1.77	1.03	0.49	0.19	0.05	0	2.25	1.75	3.75	4.22	3.62	3.67	0.98
4.55	4.01	3.36	2.59	1.77	1.03	0.49	0.19	0.05	0	1.98	2.3	3.76	4.15	3.61	3.66	0.98
4.55	4.01	3.36	2.59	1.78	1.04	0.5	0.19	0.05	0	1.65	2.35	3.73	4.06	3.6	3.6	0.98
4.57	4.02	3.37	2.6	1.78	1.04	0.5	0.19	0.05	0	1.85	2.19	3.73	3.97	3.59	3.56	0.98
4.58	4.04	3.38	2.6	1.78	1.04	0.5	0.19	0.05	0	1.75	2.32	3.71	3.88	3.58	3.55	0.98
4.6	4.05	3.39	2.61	1.79	1.04	0.5	0.19	0.05	0	1.86	2.4	3.72	3.92	3.58	3.55	0.98
4.61	4.06	3.39	2.61	1.79	1.04	0.5	0.19	0.05	0	1.55	2.29	3.72	3.97	3.62	3.58	0.98
4.62	4.07	3.4	2.62	1.79	1.04	0.5	0.19	0.05	0	1.87	2.33	3.75	4.03	3.61	3.56	0.98
4.63	4.07	3.4	2.62	1.79	1.04	0.5	0.19	0.05	0	1.99	2.47	3.75	4.06	3.62	3.59	0.98
4.63	4.07	3.4	2.62	1.8	1.05	0.51	0.2	0.05	0	2.21	2.37	3.74	4.09	3.62	3.59	0.98
4.62	4.07	3.4	2.63	1.8	1.05	0.51	0.2	0.05	0	1.67	2.17	3.73	4.04	3.6	3.59	0.98
4.61	4.06	3.4	2.63	1.81	1.06	0.51	0.2	0.05	0	1.47	2.35	3.73	3.98	3.61	3.58	0.98
4.6	4.05	3.4	2.63	1.81	1.06	0.51	0.2	0.05	0	1.84	2.37	3.72	3.86	3.58	3.57	0.97
4.59	4.05	3.4	2.63	1.82	1.07	0.52	0.2	0.05	0	2.1	2.37	3.72	3.83	3.58	3.57	0.97
4.58	4.04	3.39	2.64	1.82	1.08	0.52	0.21	0.06	0	1.69	2.42	3.71	3.93	3.59	3.57	0.97
4.57	4.03	3.4	2.65	1.83	1.08	0.53	0.21	0.06	0	1.8	2.57	3.73	4.02	3.58	3.58	0.97
4.56	4.03	3.4	2.65	1.84	1.09	0.53	0.21	0.06	0	1.52	2.55	3.74	4.14	3.58	3.64	0.97
4.55	4.03	3.4	2.66	1.85	1.1	0.54	0.21	0.06	0	2.1	2.3	3.75	4.17	3.6	3.62	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.55	4.04	3.41	2.67	1.87	1.11	0.54	0.22	0.06	0	1.99	2.23	3.76	4.2	3.62	3.66	0.97
4.55	4.04	3.42	2.69	1.88	1.12	0.55	0.22	0.06	0	2.11	2.5	3.76	4.16	3.6	3.62	0.97
4.56	4.05	3.44	2.7	1.89	1.13	0.55	0.22	0.06	0	2.12	2.62	3.73	4.02	3.6	3.61	0.96
4.57	4.07	3.45	2.72	1.91	1.14	0.56	0.22	0.06	0	2.11	2.58	3.72	3.91	3.59	3.58	0.97
4.59	4.08	3.46	2.73	1.92	1.15	0.56	0.22	0.06	0	2.11	2.42	3.72	3.82	3.6	3.56	0.97
4.6	4.1	3.48	2.74	1.93	1.16	0.57	0.23	0.07	0	2.03	2.21	3.72	3.86	3.6	3.57	0.97
4.62	4.11	3.49	2.76	1.94	1.16	0.57	0.23	0.07	0	1.67	2.29	3.72	3.96	3.6	3.58	0.97
4.64	4.13	3.51	2.77	1.95	1.17	0.57	0.23	0.07	0	1.85	1.99	3.75	4.02	3.6	3.57	0.97
4.66	4.14	3.52	2.78	1.96	1.18	0.58	0.23	0.07	0	1.9	2.54	3.72	4.04	3.62	3.57	0.97
4.68	4.16	3.53	2.79	1.96	1.18	0.58	0.23	0.07	0	1.61	2.46	3.73	4.03	3.62	3.57	0.97
4.69	4.17	3.54	2.79	1.97	1.18	0.58	0.23	0.07	0	1.48	2.29	3.75	3.99	3.59	3.57	0.97
4.71	4.18	3.55	2.8	1.97	1.18	0.58	0.23	0.06	0	1.24	2.21	3.75	3.96	3.61	3.56	0.97
4.72	4.19	3.55	2.8	1.97	1.18	0.58	0.23	0.06	0	1.77	2.28	3.74	4.02	3.6	3.58	0.97
4.72	4.19	3.55	2.8	1.97	1.18	0.58	0.23	0.06	0	1.71	2.4	3.73	4.03	3.6	3.58	0.97
4.73	4.2	3.56	2.8	1.97	1.18	0.58	0.23	0.06	0	2.03	2.47	3.74	4.03	3.59	3.58	0.97
4.73	4.2	3.56	2.8	1.97	1.18	0.58	0.23	0.06	0	1.92	2.43	3.74	4.03	3.61	3.58	0.97
4.74	4.2	3.56	2.8	1.97	1.18	0.58	0.23	0.06	0	1.7	2.45	3.73	4.01	3.6	3.59	0.97
4.75	4.21	3.57	2.8	1.97	1.18	0.58	0.23	0.06	0	1.46	2.47	3.74	3.95	3.61	3.57	0.96
4.76	4.22	3.57	2.81	1.97	1.18	0.58	0.23	0.06	0	1.77	2.51	3.72	3.85	3.6	3.53	0.96
4.77	4.23	3.58	2.81	1.97	1.18	0.57	0.23	0.06	0	2.2	2.47	3.73	3.81	3.6	3.53	0.96
4.79	4.24	3.59	2.81	1.97	1.17	0.57	0.23	0.06	0	2.23	2.13	3.72	3.82	3.62	3.56	0.96
4.81	4.26	3.6	2.82	1.97	1.17	0.57	0.23	0.06	0	1.78	2.37	3.73	3.91	3.62	3.58	0.96
4.82	4.27	3.6	2.82	1.97	1.17	0.57	0.23	0.06	0	2.15	2.38	3.75	4.04	3.61	3.58	0.96
4.84	4.28	3.61	2.83	1.97	1.17	0.57	0.23	0.06	0	2.25	2.26	3.75	4.08	3.62	3.58	0.96
4.85	4.29	3.62	2.83	1.97	1.17	0.57	0.23	0.06	0	2.1	2.21	3.73	4.08	3.61	3.59	0.96
4.86	4.29	3.62	2.83	1.97	1.17	0.57	0.23	0.06	0	1.75	2.36	3.73	3.99	3.6	3.57	0.96
4.87	4.3	3.62	2.83	1.97	1.17	0.57	0.23	0.06	0	1.68	2.27	3.71	3.89	3.61	3.57	0.96
4.87	4.3	3.62	2.82	1.96	1.16	0.56	0.23	0.06	0	1.68	2.51	3.72	3.78	3.64	3.6	0.96
4.88	4.3	3.61	2.82	1.95	1.16	0.56	0.22	0.06	0	2.1	2.48	3.72	3.77	3.59	3.58	0.96
4.89	4.31	3.61	2.81	1.94	1.15	0.55	0.22	0.06	0	2.39	2.49	3.73	3.81	3.6	3.58	0.96
4.9	4.31	3.61	2.8	1.93	1.14	0.55	0.21	0.06	0	2.32	2.56	3.73	3.78	3.62	3.58	0.96
4.92	4.32	3.6	2.78	1.92	1.12	0.54	0.21	0.06	0	1.75	2.36	3.72	3.78	3.6	3.55	0.96
4.93	4.32	3.6	2.77	1.9	1.11	0.53	0.21	0.06	0	2.26	2.37	3.74	3.88	3.62	3.58	0.96
4.95	4.33	3.59	2.76	1.88	1.09	0.52	0.2	0.06	0	2.49	2.21	3.76	3.96	3.62	3.57	0.96
4.96	4.33	3.59	2.75	1.87	1.08	0.51	0.2	0.06	0	2.44	2.11	3.75	3.97	3.61	3.59	0.96
4.97	4.34	3.59	2.74	1.85	1.07	0.5	0.19	0.05	0	1.99	2.3	3.75	3.85	3.62	3.58	0.96
4.99	4.35	3.59	2.73	1.84	1.06	0.5	0.19	0.05	0	2.37	2.52	3.73	3.76	3.63	3.61	0.96
5	4.35	3.59	2.72	1.83	1.05	0.49	0.18	0.05	0	2.62	2.41	3.72	3.78	3.6	3.61	0.96
5.01	4.36	3.59	2.72	1.82	1.04	0.49	0.18	0.05	0	2.42	2.49	3.72	3.75	3.6	3.6	0.96
5.02	4.37	3.59	2.72	1.82	1.03	0.48	0.18	0.05	0	1.44	2.57	3.73	3.84	3.61	3.58	0.96
5.03	4.38	3.6	2.71	1.81	1.02	0.48	0.17	0.05	0	2.36	2.31	3.75	3.95	3.62	3.57	0.96
5.03	4.38	3.6	2.71	1.8	1.02	0.47	0.17	0.04	0	2.36	2.26	3.76	4.04	3.62	3.57	0.96
5.04	4.39	3.6	2.71	1.8	1.01	0.46	0.17	0.04	0	2.13	2.44	3.76	4.08	3.6	3.58	0.96
5.05	4.39	3.61	2.71	1.79	1.01	0.46	0.17	0.04	0	1.62	2.52	3.74	3.99	3.61	3.58	0.96
5.05	4.4	3.61	2.71	1.79	1	0.46	0.16	0.04	0	1.93	2.4	3.73	3.87	3.59	3.58	0.96
5.06	4.4	3.62	2.72	1.79	1	0.45	0.16	0.04	0	2.28	2.38	3.73	3.76	3.58	3.56	0.96
5.06	4.41	3.62	2.72	1.79	1	0.45	0.16	0.04	0	2.16	2.38	3.72	3.8	3.59	3.53	0.96
5.07	4.42	3.63	2.73	1.79	1	0.45	0.16	0.04	0	1.43	2.61	3.75	3.93	3.62	3.54	0.97
5.09	4.43	3.64	2.73	1.8	1	0.45	0.16	0.03	0	2.07	2.45	3.75	3.97	3.63	3.56	0.97
5.1	4.44	3.65	2.74	1.8	1	0.45	0.16	0.04	0	2.1	1.98	3.75	4.01	3.64	3.56	0.97
5.11	4.45	3.66	2.75	1.81	1.01	0.45	0.16	0.04	0	1.72	1.92	3.76	4.01	3.61	3.57	0.97
5.11	4.45	3.66	2.75	1.81	1.01	0.45	0.16	0.04	0	1.28	2.19	3.73	3.95	3.59	3.58	0.98
5.11	4.46	3.66	2.75	1.81	1.01	0.45	0.16	0.04	0	1.71	2.4	3.73	3.96	3.62	3.58	0.98
5.11	4.46	3.67	2.76	1.82	1.01	0.46	0.16	0.04	0	1.73	2.5	3.73	3.95	3.63	3.56	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.1	4.45	3.67	2.76	1.82	1.02	0.46	0.16	0.04	0	2.14	2.33	3.73	3.97	3.62	3.57	0.98
5.09	4.45	3.67	2.76	1.83	1.02	0.46	0.17	0.04	0	1.95	2.4	3.74	3.93	3.61	3.59	0.98
5.09	4.45	3.67	2.77	1.84	1.02	0.46	0.17	0.04	0	2.01	2.36	3.73	3.91	3.59	3.58	0.98
5.08	4.44	3.66	2.77	1.84	1.03	0.46	0.17	0.04	0	1.9	2.08	3.73	3.89	3.61	3.58	0.98
5.07	4.44	3.66	2.77	1.84	1.03	0.47	0.17	0.04	0	1.94	2.23	3.72	3.88	3.61	3.58	0.98
5.06	4.43	3.66	2.77	1.85	1.03	0.47	0.17	0.04	0	1.47	2.35	3.74	3.94	3.6	3.58	0.98
5.05	4.42	3.66	2.77	1.85	1.03	0.47	0.17	0.04	0	1.63	2.4	3.75	3.98	3.6	3.58	0.98
5.04	4.42	3.66	2.77	1.85	1.03	0.47	0.16	0.04	0	1.46	2.27	3.75	3.98	3.6	3.58	0.98
5.03	4.41	3.65	2.77	1.85	1.03	0.46	0.16	0.04	0	1.72	2.25	3.74	3.99	3.6	3.59	0.98
5.02	4.4	3.65	2.77	1.84	1.03	0.46	0.16	0.04	0	1.76	2.5	3.75	4.02	3.59	3.6	0.98
5.01	4.39	3.64	2.76	1.84	1.03	0.46	0.16	0.04	0	1.93	2.42	3.77	4.02	3.62	3.62	0.98
4.99	4.38	3.63	2.76	1.84	1.03	0.46	0.16	0.04	0	1.56	2.31	3.76	4	3.61	3.6	0.98
4.98	4.37	3.63	2.76	1.84	1.03	0.46	0.16	0.04	0	1.8	2.27	3.72	3.87	3.61	3.55	0.98
4.97	4.36	3.62	2.75	1.84	1.03	0.46	0.16	0.04	0	1.99	2.3	3.72	3.8	3.6	3.56	0.98
4.96	4.35	3.61	2.75	1.84	1.03	0.46	0.16	0.04	0	1.78	2.38	3.72	3.84	3.6	3.57	0.98
4.95	4.34	3.61	2.75	1.84	1.02	0.46	0.15	0.04	0	1.74	2.38	3.74	3.98	3.6	3.59	0.98
4.94	4.34	3.61	2.75	1.84	1.03	0.46	0.15	0.04	0	1.77	2.23	3.75	4.01	3.61	3.59	0.98
4.93	4.33	3.6	2.75	1.84	1.03	0.46	0.15	0.04	0	1.84	2.57	3.75	4.01	3.6	3.61	0.98
4.92	4.32	3.6	2.75	1.84	1.03	0.46	0.15	0.04	0	1.95	2.5	3.74	4	3.62	3.59	0.98
4.91	4.32	3.6	2.75	1.84	1.03	0.46	0.15	0.04	0	1.88	2.54	3.75	4.03	3.62	3.56	0.98
4.9	4.31	3.6	2.75	1.85	1.03	0.46	0.15	0.04	0	2.07	2.35	3.74	4	3.61	3.58	0.97
4.89	4.3	3.59	2.75	1.85	1.04	0.46	0.15	0.04	0	1.82	2.13	3.75	3.96	3.6	3.59	0.97
4.88	4.3	3.59	2.76	1.86	1.04	0.46	0.15	0.04	0	1.82	2.48	3.73	3.92	3.6	3.59	0.97
4.88	4.3	3.59	2.76	1.86	1.04	0.46	0.15	0.04	0	2.09	2.63	3.72	3.85	3.6	3.57	0.97
4.87	4.3	3.6	2.76	1.86	1.04	0.45	0.15	0.04	0	2.18	2.35	3.72	3.87	3.59	3.58	0.97
4.88	4.3	3.6	2.76	1.86	1.03	0.45	0.15	0.04	0	2.05	2.47	3.73	3.93	3.6	3.57	0.97
4.88	4.31	3.6	2.76	1.86	1.03	0.45	0.15	0.04	0	2.11	2.49	3.73	3.97	3.61	3.56	0.97
4.88	4.31	3.6	2.76	1.86	1.03	0.45	0.15	0.04	0	2.32	2.38	3.74	3.98	3.62	3.56	0.97
4.89	4.31	3.6	2.76	1.85	1.02	0.44	0.15	0.04	0	1.89	2.04	3.75	3.94	3.61	3.57	0.97
4.88	4.31	3.6	2.76	1.85	1.02	0.44	0.15	0.04	0	1.66	2.05	3.74	3.88	3.61	3.58	0.97
4.87	4.3	3.6	2.76	1.84	1.02	0.44	0.15	0.04	0	1.94	2.32	3.72	3.85	3.59	3.57	0.97
4.86	4.29	3.59	2.75	1.84	1.01	0.44	0.15	0.04	0	1.82	2.51	3.73	3.93	3.6	3.57	0.97
4.85	4.28	3.58	2.75	1.84	1.01	0.43	0.15	0.04	0	1.29	2.54	3.75	4.03	3.59	3.59	0.97
4.85	4.28	3.58	2.75	1.83	1.01	0.43	0.15	0.04	0	1.74	2.14	3.75	4.12	3.61	3.65	0.97
4.85	4.28	3.58	2.74	1.83	1	0.43	0.15	0.04	0	1.78	1.93	3.76	4.14	3.62	3.65	0.97
4.86	4.28	3.57	2.73	1.82	0.99	0.42	0.15	0.04	0	1.8	1.98	3.75	4.1	3.61	3.61	0.97
4.87	4.28	3.57	2.73	1.81	0.98	0.41	0.15	0.04	0	1.99	2.12	3.76	4.01	3.61	3.59	0.97
4.89	4.3	3.57	2.72	1.79	0.97	0.41	0.14	0.04	0	2.05	2.33	3.73	3.86	3.61	3.57	0.98
4.92	4.31	3.57	2.71	1.78	0.95	0.4	0.14	0.04	0	2.21	2.42	3.73	3.78	3.63	3.57	0.98
4.94	4.32	3.58	2.7	1.76	0.94	0.39	0.13	0.04	0	2.2	2.29	3.73	3.78	3.61	3.57	0.98
4.97	4.33	3.57	2.69	1.74	0.92	0.38	0.13	0.04	0	1.74	2.2	3.74	3.89	3.61	3.59	0.99
4.98	4.34	3.57	2.67	1.73	0.91	0.38	0.12	0.04	0	2.22	2.36	3.76	3.98	3.62	3.61	0.99
4.99	4.34	3.56	2.66	1.71	0.9	0.37	0.12	0.04	0	2.3	2.53	3.76	4.02	3.61	3.6	0.99
4.99	4.33	3.54	2.64	1.69	0.89	0.37	0.12	0.04	0	2.04	2.29	3.75	3.97	3.6	3.6	0.99
4.99	4.32	3.53	2.63	1.68	0.88	0.36	0.12	0.03	0	1.77	1.92	3.75	3.9	3.61	3.57	0.99
4.98	4.31	3.52	2.61	1.67	0.87	0.36	0.11	0.03	0	2.28	2.47	3.75	3.83	3.63	3.55	0.99
4.97	4.3	3.51	2.6	1.66	0.86	0.35	0.11	0.03	0	1.87	2.52	3.75	3.81	3.61	3.57	0.99
4.97	4.3	3.5	2.59	1.65	0.86	0.35	0.11	0.03	0	2.03	2.27	3.73	3.78	3.62	3.58	0.99
4.98	4.3	3.5	2.59	1.65	0.85	0.35	0.11	0.03	0	1.85	2.37	3.75	3.8	3.6	3.58	0.99
4.99	4.31	3.5	2.58	1.64	0.85	0.34	0.11	0.03	0	1.86	2.46	3.76	3.83	3.63	3.59	0.99
5	4.32	3.5	2.58	1.64	0.84	0.34	0.11	0.03	0	2	2.33	3.75	3.81	3.62	3.59	0.99
5.02	4.33	3.5	2.58	1.63	0.84	0.34	0.11	0.03	0	1.64	2.21	3.74	3.77	3.61	3.57	0.99
5.04	4.34	3.51	2.57	1.62	0.83	0.33	0.1	0.03	0	2.12	2.37	3.74	3.76	3.61	3.58	0.99
5.06	4.36	3.51	2.57	1.62	0.83	0.33	0.1	0.03	0	2.33	2.47	3.73	3.75	3.62	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.07	4.36	3.52	2.57	1.61	0.82	0.32	0.1	0.03	0	1.54	2.48	3.74	3.86	3.61	3.58	0.98
5.08	4.37	3.52	2.57	1.61	0.82	0.32	0.1	0.03	0	2.3	2.43	3.75	4	3.62	3.59	0.98
5.08	4.37	3.52	2.57	1.61	0.82	0.32	0.1	0.03	0	2.29	1.57	3.76	4.1	3.61	3.6	0.97
5.08	4.37	3.52	2.57	1.61	0.82	0.32	0.1	0.03	0	1.86	2.4	3.76	4.11	3.61	3.62	0.97
5.08	4.37	3.52	2.57	1.61	0.82	0.32	0.1	0.03	0	1.74	2.45	3.74	4.01	3.59	3.63	0.96
5.09	4.38	3.53	2.58	1.61	0.82	0.31	0.1	0.03	0	1.91	2.12	3.73	3.91	3.6	3.6	0.96
5.1	4.38	3.53	2.58	1.61	0.81	0.31	0.1	0.03	0	2.19	2.08	3.72	3.77	3.57	3.57	0.96
5.12	4.4	3.54	2.58	1.61	0.81	0.31	0.1	0.03	0	2.38	2.28	3.69	3.7	3.57	3.56	0.96
5.14	4.42	3.55	2.59	1.61	0.8	0.3	0.09	0.03	0	2.16	2.46	3.72	3.77	3.58	3.56	0.96
5.17	4.44	3.57	2.59	1.6	0.8	0.3	0.09	0.03	0	1.89	2.44	3.74	3.92	3.6	3.53	0.96
5.2	4.46	3.58	2.59	1.6	0.79	0.29	0.09	0.03	0	2.29	2.1	3.74	4.05	3.61	3.57	0.96
5.23	4.48	3.6	2.6	1.6	0.79	0.29	0.09	0.03	0	2.14	2.13	3.75	4.09	3.62	3.6	0.96
5.25	4.5	3.61	2.61	1.6	0.79	0.29	0.09	0.03	0	1.88	2.35	3.73	4.1	3.64	3.59	0.96
5.27	4.52	3.62	2.61	1.6	0.78	0.29	0.08	0.03	0	1.87	2.17	3.74	4.06	3.62	3.56	0.96
5.28	4.53	3.63	2.62	1.61	0.78	0.29	0.08	0.02	0	1.83	2.34	3.75	4.08	3.59	3.6	0.96
5.28	4.54	3.64	2.62	1.61	0.78	0.29	0.08	0.02	0	1.77	2.37	3.75	4.06	3.59	3.6	0.96
5.28	4.54	3.64	2.63	1.61	0.78	0.29	0.08	0.02	0	1.65	2.47	3.77	4.13	3.58	3.61	0.96
5.28	4.54	3.64	2.62	1.61	0.78	0.29	0.08	0.02	0	1.94	2.48	3.77	4.17	3.6	3.58	0.96
5.28	4.54	3.63	2.62	1.6	0.77	0.28	0.08	0.02	0	1.34	2.44	3.77	4.13	3.62	3.61	0.96
5.29	4.54	3.63	2.6	1.59	0.76	0.28	0.08	0.02	0	2.03	2.4	3.76	4.07	3.61	3.58	0.97
5.29	4.54	3.62	2.59	1.57	0.75	0.27	0.08	0.02	0	1.98	2.34	3.75	3.94	3.62	3.56	0.97
5.3	4.53	3.61	2.57	1.55	0.74	0.27	0.08	0.02	0	2.13	2.39	3.74	3.93	3.61	3.56	0.97
5.3	4.53	3.59	2.56	1.53	0.73	0.26	0.08	0.02	0	1.93	2.44	3.73	3.98	3.61	3.57	0.97
5.29	4.51	3.58	2.53	1.51	0.71	0.25	0.07	0.02	0	1.95	2.51	3.74	4.06	3.63	3.58	0.97
5.28	4.49	3.55	2.51	1.49	0.7	0.25	0.07	0.02	0	2.01	2.5	3.76	4.11	3.62	3.61	0.98
5.25	4.46	3.52	2.48	1.47	0.68	0.24	0.07	0.02	0	2.01	2.36	3.77	4.16	3.62	3.61	0.98
5.22	4.43	3.48	2.44	1.44	0.67	0.24	0.07	0.02	0	2.05	2.52	3.76	4.1	3.64	3.58	0.98
5.19	4.39	3.45	2.41	1.42	0.66	0.23	0.07	0.01	0	1.56	2.36	3.75	4.02	3.61	3.58	0.98
5.15	4.34	3.4	2.37	1.39	0.64	0.23	0.07	0.01	0	1.9	2.36	3.74	3.96	3.57	3.58	0.98
5.11	4.3	3.36	2.33	1.36	0.63	0.22	0.07	0.01	0	2.06	2.17	3.74	3.94	3.57	3.55	0.98
5.07	4.26	3.32	2.3	1.34	0.62	0.22	0.06	0.01	0	1.82	2.22	3.73	4.02	3.6	3.57	0.98
5.04	4.22	3.28	2.26	1.32	0.6	0.21	0.06	0.01	0	1.8	2.24	3.73	4.11	3.6	3.59	0.98
5.01	4.19	3.24	2.23	1.29	0.59	0.21	0.06	0.01	0	2.24	2.04	3.76	4.14	3.6	3.6	0.98
4.99	4.16	3.21	2.2	1.27	0.58	0.21	0.06	0.01	0	2.04	1.99	3.77	4.17	3.6	3.63	0.98
4.98	4.14	3.18	2.18	1.25	0.58	0.2	0.06	0.01	0	1.69	2.48	3.76	4.17	3.6	3.63	0.98
4.97	4.12	3.16	2.15	1.24	0.57	0.2	0.05	0.01	0	1.9	2.26	3.75	4.11	3.61	3.62	0.99
4.97	4.11	3.14	2.14	1.23	0.57	0.2	0.05	0.01	0	1.98	2.21	3.75	4.03	3.61	3.58	0.99
4.98	4.11	3.13	2.12	1.22	0.56	0.2	0.05	0.01	0	1.75	2.31	3.74	3.99	3.62	3.57	0.99
4.99	4.11	3.13	2.11	1.21	0.56	0.2	0.05	0.01	0	1.96	2.3	3.74	3.97	3.6	3.58	0.99
4.99	4.11	3.12	2.11	1.21	0.56	0.2	0.05	0.01	0	1.74	2.38	3.76	4	3.61	3.58	0.99
5	4.11	3.12	2.1	1.2	0.56	0.2	0.05	0.01	0	1.97	2.38	3.75	4.04	3.61	3.57	0.99
5.01	4.11	3.12	2.1	1.2	0.56	0.2	0.05	0.01	0	2.17	2.08	3.75	4.04	3.6	3.57	0.99
5.01	4.12	3.12	2.11	1.21	0.56	0.2	0.05	0.01	0	2.04	2.34	3.75	4.03	3.62	3.57	0.99
5.02	4.13	3.13	2.12	1.21	0.56	0.2	0.05	0.01	0	1.63	2.44	3.74	3.99	3.63	3.57	0.99
5.03	4.14	3.15	2.13	1.22	0.57	0.2	0.05	0.01	0	1.91	2.16	3.74	3.91	3.6	3.55	0.99
5.04	4.16	3.17	2.15	1.24	0.58	0.21	0.06	0.01	0	1.59	2.25	3.73	3.86	3.61	3.56	0.99
5.06	4.18	3.19	2.18	1.26	0.59	0.21	0.06	0.01	0	2.09	2.04	3.74	3.8	3.61	3.56	0.99
5.08	4.21	3.22	2.21	1.28	0.6	0.22	0.06	0.02	0	2.04	2.02	3.74	3.81	3.61	3.56	0.99
5.11	4.24	3.26	2.24	1.31	0.62	0.23	0.07	0.02	0	1.88	2.23	3.73	3.84	3.59	3.58	0.99
5.13	4.27	3.29	2.27	1.33	0.63	0.24	0.07	0.02	0	1.58	2.31	3.73	3.97	3.61	3.59	0.98
5.16	4.3	3.33	2.3	1.36	0.65	0.25	0.07	0.02	0	1.48	2.49	3.76	4.06	3.64	3.6	0.98
5.18	4.33	3.36	2.33	1.38	0.67	0.26	0.08	0.02	0	2.07	2.63	3.78	4.13	3.62	3.6	0.98
5.2	4.36	3.39	2.36	1.41	0.69	0.27	0.08	0.02	0	2.3	2.41	3.76	4.1	3.61	3.6	0.98
5.22	4.38	3.42	2.39	1.43	0.71	0.28	0.09	0.02	0	2.26	2.11	3.77	4.03	3.63	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.24	4.41	3.44	2.42	1.46	0.72	0.29	0.09	0.02	0	1.21	1.87	3.73	3.87	3.63	3.57	0.98
5.25	4.42	3.47	2.44	1.48	0.74	0.3	0.1	0.02	0	2.42	2.24	3.72	3.77	3.62	3.58	0.98
5.27	4.44	3.49	2.46	1.5	0.76	0.31	0.1	0.02	0	2.45	2.39	3.71	3.77	3.61	3.57	0.98
5.28	4.46	3.51	2.48	1.52	0.77	0.31	0.1	0.02	0	1.85	2.15	3.72	3.78	3.6	3.59	0.98
5.29	4.47	3.52	2.5	1.54	0.78	0.32	0.11	0.02	0	2.13	2.13	3.74	3.83	3.62	3.59	0.98
5.29	4.49	3.54	2.52	1.55	0.79	0.33	0.11	0.02	0	2.22	2.21	3.75	3.93	3.62	3.58	0.98
5.3	4.49	3.55	2.53	1.56	0.8	0.34	0.11	0.02	0	2.17	2.24	3.74	3.93	3.63	3.58	0.98
5.3	4.49	3.55	2.54	1.57	0.81	0.34	0.12	0.02	0	1.8	2.31	3.73	3.87	3.63	3.58	0.98
5.3	4.49	3.55	2.54	1.58	0.82	0.35	0.12	0.02	0	1.39	2.14	3.75	3.83	3.62	3.57	0.98
5.29	4.49	3.55	2.55	1.59	0.83	0.36	0.13	0.02	0	1.93	2.35	3.74	3.78	3.61	3.57	0.98
5.29	4.48	3.55	2.55	1.6	0.84	0.37	0.13	0.02	0	1.99	2.4	3.73	3.75	3.61	3.56	0.98
5.29	4.47	3.54	2.55	1.6	0.85	0.38	0.13	0.02	0	1.9	2.42	3.74	3.77	3.63	3.58	0.98
5.28	4.47	3.54	2.54	1.61	0.86	0.38	0.14	0.03	0	1.68	2.44	3.74	3.79	3.61	3.56	0.98
5.28	4.46	3.53	2.54	1.61	0.87	0.39	0.14	0.03	0	2.03	2.49	3.74	3.81	3.62	3.58	0.98
5.29	4.46	3.52	2.53	1.61	0.88	0.4	0.15	0.03	0	1.91	2.37	3.74	3.81	3.59	3.58	0.99
5.3	4.46	3.51	2.53	1.61	0.88	0.41	0.15	0.03	0	1.61	2.17	3.74	3.82	3.61	3.57	0.99
5.31	4.46	3.5	2.52	1.61	0.89	0.41	0.15	0.03	0	1.29	2.04	3.75	3.86	3.59	3.59	0.99
5.32	4.45	3.5	2.51	1.61	0.9	0.42	0.16	0.03	0	1.37	2.23	3.75	3.95	3.62	3.59	0.99
5.33	4.46	3.49	2.51	1.61	0.9	0.42	0.16	0.04	0	1.82	2.44	3.76	4.01	3.63	3.55	0.99
5.33	4.46	3.49	2.5	1.61	0.91	0.43	0.17	0.04	0	2.04	2.52	3.75	3.98	3.63	3.57	0.99
5.33	4.46	3.48	2.5	1.62	0.92	0.44	0.17	0.04	0	1.82	2.2	3.75	4	3.6	3.59	0.99
5.34	4.46	3.48	2.51	1.62	0.92	0.44	0.17	0.04	0	1.71	2.42	3.76	4	3.62	3.57	0.99
5.34	4.46	3.49	2.51	1.63	0.93	0.45	0.18	0.04	0	1.52	2.46	3.74	3.97	3.61	3.59	0.99
5.34	4.46	3.5	2.52	1.64	0.94	0.46	0.18	0.04	0	2.12	2.51	3.74	3.92	3.59	3.58	0.99
5.35	4.48	3.51	2.53	1.65	0.95	0.46	0.19	0.04	0	2.14	2.41	3.74	3.88	3.59	3.55	0.99
5.36	4.49	3.53	2.55	1.66	0.96	0.47	0.19	0.04	0	2.09	2.42	3.75	3.89	3.61	3.57	0.99
5.38	4.52	3.55	2.57	1.68	0.97	0.48	0.2	0.05	0	1.48	2.35	3.75	3.93	3.59	3.58	0.99
5.4	4.54	3.58	2.6	1.7	0.99	0.49	0.2	0.05	0	1.99	2.51	3.76	4.01	3.6	3.61	0.99
5.42	4.57	3.61	2.62	1.72	1	0.51	0.21	0.05	0	2.15	2.46	3.77	4.08	3.62	3.58	0.99
5.44	4.6	3.64	2.65	1.74	1.02	0.52	0.21	0.05	0	1.94	2.43	3.76	4.09	3.61	3.58	0.99
5.46	4.63	3.67	2.68	1.77	1.04	0.53	0.22	0.05	0	1.67	2.36	3.76	4.06	3.61	3.59	0.99
5.47	4.65	3.7	2.72	1.79	1.06	0.54	0.23	0.05	0	2.14	2.1	3.75	4	3.61	3.59	0.99
5.49	4.68	3.74	2.75	1.82	1.08	0.55	0.23	0.05	0	1.96	2.4	3.74	3.96	3.6	3.6	0.99
5.5	4.7	3.76	2.78	1.85	1.1	0.56	0.24	0.06	0	2.04	2.33	3.74	3.92	3.6	3.57	0.99
5.51	4.72	3.79	2.81	1.88	1.12	0.58	0.25	0.06	0	2.09	2.39	3.73	3.96	3.61	3.61	0.99
5.53	4.74	3.82	2.84	1.91	1.14	0.59	0.25	0.06	0	1.75	2.27	3.76	4.01	3.62	3.58	0.99
5.55	4.76	3.84	2.86	1.93	1.16	0.6	0.26	0.06	0	1.58	1.96	3.76	4.07	3.61	3.58	0.99
5.56	4.78	3.87	2.89	1.96	1.18	0.62	0.26	0.07	0	1.99	2.48	3.75	4.06	3.62	3.62	0.99
5.58	4.8	3.89	2.92	1.99	1.2	0.63	0.27	0.07	0	1.84	2.48	3.75	4.06	3.61	3.61	0.99
5.59	4.82	3.92	2.95	2.02	1.23	0.65	0.28	0.07	0	1.52	2.51	3.74	4	3.6	3.6	0.99
5.61	4.84	3.94	2.98	2.05	1.25	0.66	0.28	0.08	0	1.43	2.51	3.74	3.97	3.59	3.58	0.99
5.62	4.86	3.96	3	2.08	1.27	0.68	0.29	0.08	0	1.85	2.39	3.74	3.97	3.6	3.58	0.99
5.64	4.88	3.99	3.03	2.11	1.29	0.69	0.3	0.08	0	2.07	2.26	3.74	3.98	3.6	3.57	0.99
5.65	4.89	4.01	3.06	2.13	1.32	0.71	0.31	0.08	0	2.39	2.13	3.75	3.98	3.61	3.58	0.99
5.65	4.91	4.04	3.1	2.17	1.34	0.72	0.32	0.08	0	1.81	2.25	3.74	4.04	3.62	3.58	0.99
5.66	4.93	4.07	3.13	2.2	1.37	0.74	0.33	0.09	0	2.11	2.47	3.75	4.06	3.62	3.6	0.99
5.67	4.94	4.09	3.17	2.24	1.41	0.76	0.34	0.09	0	2.3	2.55	3.77	4.08	3.63	3.61	0.99
5.68	4.96	4.12	3.2	2.28	1.44	0.79	0.35	0.1	0	1.79	2.48	3.77	4.13	3.63	3.6	0.99
5.69	4.98	4.15	3.24	2.32	1.48	0.81	0.36	0.1	0	1.74	2.48	3.75	4.11	3.63	3.62	0.99
5.7	5	4.19	3.29	2.36	1.52	0.84	0.38	0.11	0	1.78	2.42	3.75	4.08	3.62	3.61	0.99
5.71	5.03	4.22	3.33	2.41	1.56	0.86	0.39	0.11	0	1.74	2.19	3.75	4	3.61	3.58	1
5.73	5.05	4.26	3.37	2.45	1.59	0.89	0.41	0.12	0	1.48	2.32	3.74	3.92	3.6	3.56	1
5.75	5.08	4.29	3.41	2.49	1.63	0.92	0.42	0.12	0	2.15	2.33	3.74	3.87	3.6	3.57	1
5.77	5.11	4.33	3.45	2.53	1.67	0.94	0.43	0.12	0	1.95	2.34	3.73	3.88	3.61	3.56	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.79	5.13	4.35	3.49	2.57	1.7	0.96	0.45	0.13	0	1.72	2.37	3.77	3.97	3.64	3.59	1
5.8	5.14	4.38	3.52	2.61	1.73	0.99	0.46	0.13	0	2.21	2.19	3.77	4.1	3.63	3.6	1
5.8	5.15	4.4	3.55	2.64	1.77	1.01	0.47	0.14	0	2.23	1.75	3.78	4.11	3.64	3.59	1
5.79	5.16	4.41	3.57	2.68	1.8	1.03	0.49	0.14	0	1.85	2.23	3.77	4.09	3.62	3.61	1
5.78	5.16	4.42	3.6	2.71	1.83	1.06	0.5	0.14	0	1.83	2.28	3.75	4.02	3.61	3.6	1
5.77	5.16	4.44	3.62	2.74	1.86	1.08	0.52	0.15	0	2.17	2.55	3.75	3.88	3.61	3.6	1
5.76	5.16	4.45	3.65	2.78	1.89	1.11	0.53	0.15	0	2.22	2.44	3.74	3.79	3.6	3.6	1
5.75	5.16	4.47	3.68	2.81	1.93	1.14	0.55	0.16	0	2.22	2.34	3.73	3.76	3.6	3.57	1
5.75	5.17	4.49	3.71	2.84	1.96	1.16	0.56	0.16	0	1.88	2.51	3.73	3.78	3.61	3.56	1
5.75	5.18	4.51	3.74	2.88	2	1.19	0.58	0.17	0	1.81	2.39	3.75	3.86	3.62	3.59	1
5.74	5.18	4.53	3.76	2.92	2.03	1.22	0.59	0.17	0	2.07	2.34	3.76	3.9	3.64	3.58	1
5.73	5.18	4.54	3.79	2.95	2.07	1.25	0.61	0.17	0	2.01	2.34	3.76	3.92	3.64	3.58	1
5.72	5.18	4.55	3.81	2.98	2.1	1.28	0.63	0.18	0	1.95	2.22	3.75	3.92	3.64	3.61	1
5.71	5.18	4.56	3.84	3.02	2.14	1.31	0.65	0.18	0	1.69	2.44	3.75	3.88	3.63	3.58	1
5.69	5.17	4.57	3.86	3.05	2.17	1.33	0.67	0.19	0	1.84	2.49	3.74	3.87	3.62	3.56	1
5.67	5.16	4.57	3.88	3.08	2.2	1.36	0.69	0.2	0	1.88	2.39	3.74	3.85	3.62	3.57	1
5.65	5.15	4.57	3.9	3.11	2.24	1.39	0.7	0.2	0	2.23	2.53	3.74	3.85	3.62	3.59	1
5.63	5.14	4.57	3.91	3.13	2.27	1.42	0.72	0.21	0	1.93	2.47	3.75	3.84	3.61	3.57	1
5.62	5.13	4.57	3.92	3.15	2.3	1.44	0.74	0.22	0	2	2.35	3.74	3.81	3.61	3.58	1
5.6	5.11	4.56	3.93	3.17	2.32	1.47	0.76	0.23	0	1.98	1.97	3.74	3.82	3.63	3.6	1
5.58	5.1	4.55	3.93	3.18	2.34	1.49	0.78	0.23	0	1.86	2.33	3.74	3.87	3.61	3.6	1
5.56	5.08	4.54	3.92	3.19	2.36	1.52	0.79	0.24	0	1.98	2.32	3.75	3.95	3.63	3.59	1
5.54	5.06	4.52	3.92	3.2	2.38	1.54	0.81	0.25	0	2.09	2.17	3.76	4.05	3.62	3.61	1
5.52	5.04	4.51	3.91	3.2	2.4	1.56	0.84	0.26	0	2.19	2.26	3.77	4.08	3.62	3.6	1
5.49	5.02	4.5	3.91	3.21	2.42	1.59	0.86	0.27	0	1.88	2.13	3.76	4.04	3.63	3.59	1.01
5.47	5	4.49	3.91	3.22	2.44	1.62	0.88	0.29	0	1.55	2.47	3.74	3.95	3.63	3.6	1.01
5.45	4.99	4.48	3.9	3.22	2.45	1.64	0.91	0.3	0	2.11	2.5	3.73	3.86	3.63	3.56	1.01
5.43	4.97	4.47	3.9	3.23	2.47	1.66	0.93	0.31	0	2.13	2.44	3.73	3.82	3.6	3.57	1.01
5.42	4.96	4.46	3.89	3.23	2.48	1.69	0.95	0.33	0	1.93	2.33	3.73	3.86	3.62	3.57	1.01
5.4	4.95	4.45	3.89	3.23	2.49	1.7	0.97	0.35	0	1.65	2.44	3.75	3.92	3.61	3.59	1.01
5.39	4.94	4.44	3.88	3.24	2.51	1.72	0.99	0.36	0	2.14	2.21	3.77	3.98	3.63	3.57	1.01
5.38	4.93	4.43	3.88	3.24	2.51	1.74	1.01	0.38	0	2.17	2.03	3.78	4.01	3.62	3.57	1.01
5.36	4.91	4.42	3.87	3.24	2.52	1.76	1.03	0.4	0	1.98	2.17	3.76	3.96	3.63	3.59	1.01
5.34	4.9	4.41	3.86	3.24	2.53	1.77	1.05	0.41	0	1.53	2.25	3.75	3.86	3.62	3.59	1.01
5.33	4.89	4.4	3.86	3.24	2.54	1.78	1.06	0.43	0	2.14	2.43	3.76	3.82	3.62	3.58	1.01
5.31	4.87	4.39	3.85	3.24	2.55	1.8	1.08	0.45	0	1.96	2.5	3.76	3.78	3.62	3.57	1.01
5.29	4.86	4.38	3.85	3.24	2.55	1.81	1.1	0.46	0	1.6	2.15	3.74	3.82	3.62	3.59	1.01
5.29	4.86	4.38	3.85	3.25	2.56	1.83	1.11	0.47	0	1.81	2.16	3.75	3.88	3.6	3.57	1
5.28	4.85	4.38	3.85	3.25	2.57	1.84	1.12	0.48	0	1.57	2.39	3.75	3.94	3.62	3.59	1
5.28	4.85	4.38	3.85	3.25	2.58	1.84	1.13	0.49	0	1.96	2.34	3.75	3.97	3.61	3.58	1
5.28	4.85	4.38	3.85	3.25	2.58	1.85	1.14	0.5	0	2.1	2.06	3.76	3.89	3.6	3.6	1
5.28	4.85	4.38	3.85	3.25	2.58	1.86	1.15	0.51	0	1.66	2.32	3.74	3.84	3.61	3.58	1
5.28	4.86	4.38	3.85	3.26	2.59	1.87	1.16	0.52	0	1.96	2.51	3.74	3.78	3.62	3.55	1
5.29	4.86	4.39	3.86	3.26	2.59	1.87	1.16	0.52	0	2.1	2.42	3.73	3.79	3.64	3.58	1
5.29	4.87	4.39	3.86	3.27	2.6	1.88	1.17	0.53	0	1.84	2.43	3.74	3.79	3.65	3.57	1
5.3	4.87	4.4	3.87	3.27	2.61	1.89	1.18	0.54	0	1.79	2.26	3.75	3.82	3.63	3.59	1
5.3	4.88	4.4	3.87	3.28	2.61	1.9	1.18	0.54	0	1.97	1.99	3.74	3.85	3.62	3.59	1
5.31	4.88	4.4	3.88	3.28	2.62	1.9	1.19	0.54	0	1.95	2.2	3.74	3.85	3.62	3.59	1
5.31	4.88	4.4	3.88	3.29	2.62	1.9	1.19	0.54	0	1.7	2.05	3.74	3.8	3.64	3.57	1
5.31	4.88	4.4	3.88	3.29	2.62	1.9	1.18	0.53	0	1.81	2.34	3.75	3.78	3.62	3.56	1
5.31	4.88	4.4	3.87	3.28	2.62	1.89	1.17	0.52	0	2.05	2.35	3.75	3.78	3.61	3.57	1
5.31	4.88	4.39	3.86	3.27	2.61	1.88	1.16	0.51	0	1.95	2.3	3.74	3.8	3.62	3.59	1
5.31	4.87	4.39	3.85	3.26	2.6	1.86	1.14	0.5	0	1.67	2.3	3.75	3.86	3.62	3.59	1
5.3	4.87	4.38	3.84	3.25	2.58	1.85	1.12	0.48	0	1.82	2.46	3.75	3.91	3.61	3.58	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.3	4.86	4.37	3.83	3.24	2.57	1.83	1.1	0.47	0	2.02	2.4	3.75	3.97	3.63	3.58	1.01
5.3	4.86	4.37	3.83	3.23	2.55	1.81	1.09	0.45	0	1.82	2.28	3.77	3.97	3.65	3.59	1.01
5.29	4.85	4.36	3.82	3.21	2.53	1.79	1.07	0.44	0	1.31	2.28	3.75	4.01	3.64	3.58	1.01
5.29	4.85	4.36	3.81	3.2	2.52	1.78	1.06	0.43	0	1.63	2.21	3.76	3.98	3.62	3.58	1.01
5.28	4.85	4.35	3.81	3.19	2.51	1.77	1.05	0.42	0	1.81	2.4	3.76	3.97	3.62	3.56	1.01
5.28	4.84	4.35	3.8	3.18	2.49	1.75	1.04	0.41	0	1.53	2.35	3.75	3.99	3.61	3.58	1.01
5.27	4.84	4.34	3.79	3.17	2.48	1.74	1.03	0.41	0	1.71	2.26	3.75	3.99	3.64	3.59	1.01
5.27	4.82	4.34	3.78	3.16	2.46	1.73	1.02	0.4	0	1.65	2.17	3.74	3.94	3.6	3.57	1.01
5.26	4.82	4.33	3.77	3.14	2.45	1.71	1.01	0.4	0	1.73	2.33	3.75	3.95	3.61	3.57	1.01
5.25	4.81	4.32	3.76	3.13	2.44	1.7	1	0.39	0	1.61	2.1	3.75	3.98	3.62	3.6	1.01
5.25	4.81	4.31	3.75	3.12	2.43	1.69	0.99	0.39	0	1.69	2.29	3.76	4.06	3.63	3.59	1.01
5.24	4.8	4.3	3.74	3.11	2.42	1.69	0.98	0.38	0	1.69	2.3	3.77	4.05	3.63	3.62	1.01
5.23	4.79	4.3	3.74	3.11	2.41	1.68	0.98	0.38	0	1.85	2.22	3.77	4.05	3.64	3.62	1.01
5.21	4.78	4.29	3.73	3.1	2.4	1.67	0.97	0.38	0	1.8	2.49	3.76	4.08	3.61	3.62	1
5.2	4.76	4.27	3.72	3.09	2.39	1.66	0.96	0.37	0	1.95	2.37	3.75	4.05	3.6	3.59	1
5.18	4.75	4.26	3.71	3.08	2.38	1.65	0.96	0.37	0	1.97	2.38	3.75	4.01	3.63	3.57	1
5.17	4.73	4.25	3.7	3.07	2.37	1.63	0.95	0.36	0	1.81	2.4	3.75	3.98	3.63	3.58	1
5.15	4.72	4.24	3.69	3.06	2.36	1.62	0.94	0.36	0	2.01	2.22	3.76	4.03	3.61	3.61	1
5.14	4.71	4.23	3.68	3.05	2.35	1.61	0.93	0.35	0	1.9	2.4	3.76	4.08	3.61	3.63	1
5.14	4.71	4.22	3.67	3.04	2.33	1.6	0.92	0.34	0	1.84	2.45	3.76	4.09	3.62	3.61	1
5.14	4.71	4.22	3.67	3.03	2.32	1.58	0.91	0.34	0	2.07	2.05	3.75	4.09	3.62	3.62	1
5.15	4.71	4.22	3.66	3.02	2.31	1.57	0.9	0.33	0	1.65	2.19	3.75	4.1	3.61	3.58	1
5.17	4.73	4.23	3.67	3.01	2.29	1.56	0.89	0.33	0	1.59	2.44	3.76	4.05	3.6	3.61	1
5.19	4.74	4.24	3.67	3.01	2.29	1.55	0.88	0.33	0	1.77	2.16	3.76	4.03	3.62	3.6	1
5.21	4.76	4.26	3.68	3.01	2.28	1.54	0.88	0.33	0	1.85	2.12	3.76	4.05	3.63	3.59	1
5.23	4.78	4.27	3.69	3.01	2.27	1.54	0.87	0.33	0	1.9	2.22	3.75	4.03	3.62	3.57	1
5.25	4.8	4.29	3.7	3.02	2.27	1.53	0.87	0.33	0	1.68	2.52	3.74	3.96	3.63	3.59	1
5.26	4.82	4.3	3.71	3.02	2.28	1.53	0.87	0.33	0	1.94	2.31	3.75	3.86	3.62	3.56	1
5.27	4.83	4.32	3.72	3.03	2.28	1.53	0.87	0.33	0	2.08	2.09	3.74	3.85	3.62	3.56	1
5.28	4.84	4.32	3.73	3.03	2.28	1.53	0.87	0.33	0	1.52	2.37	3.74	3.85	3.62	3.6	1
5.29	4.85	4.33	3.74	3.05	2.29	1.54	0.87	0.33	0	1.93	2.19	3.76	3.87	3.62	3.6	1
5.3	4.86	4.34	3.75	3.06	2.3	1.54	0.87	0.33	0	1.78	1.88	3.75	3.85	3.64	3.6	1
5.32	4.87	4.35	3.76	3.07	2.31	1.55	0.88	0.32	0	1.92	1.98	3.73	3.81	3.62	3.58	1
5.33	4.88	4.36	3.77	3.08	2.33	1.56	0.88	0.32	0	2.29	2.42	3.74	3.78	3.6	3.59	0.99
5.34	4.88	4.36	3.77	3.1	2.34	1.57	0.89	0.32	0	2.01	2.47	3.74	3.83	3.62	3.58	0.99
5.34	4.88	4.37	3.78	3.11	2.36	1.58	0.89	0.32	0	1.76	2.62	3.74	3.95	3.63	3.57	0.99
5.34	4.88	4.37	3.78	3.12	2.37	1.6	0.9	0.33	0	2.17	2.62	3.76	4.03	3.62	3.6	0.99
5.34	4.89	4.37	3.79	3.13	2.39	1.62	0.92	0.33	0	2.29	2.2	3.76	4.06	3.62	3.61	0.99
5.34	4.89	4.37	3.8	3.15	2.41	1.64	0.93	0.34	0	2.23	2.29	3.75	4.03	3.63	3.6	0.99
5.34	4.89	4.38	3.8	3.16	2.43	1.66	0.94	0.35	0	1.65	2.36	3.74	3.87	3.63	3.59	0.99
5.34	4.89	4.38	3.81	3.17	2.45	1.68	0.96	0.36	0	2.28	2.15	3.73	3.77	3.61	3.59	0.99
5.34	4.89	4.38	3.82	3.18	2.47	1.7	0.98	0.36	0	2.41	1.89	3.73	3.76	3.61	3.59	0.99
5.34	4.89	4.38	3.83	3.19	2.48	1.72	0.99	0.37	0	2.17	1.99	3.72	3.76	3.61	3.58	0.99
5.35	4.89	4.39	3.83	3.2	2.5	1.74	1.01	0.38	0	1.71	2.45	3.73	3.81	3.62	3.59	1
5.35	4.9	4.39	3.84	3.21	2.51	1.75	1.02	0.39	0	2.17	2.37	3.75	3.89	3.63	3.59	1
5.36	4.9	4.4	3.85	3.22	2.53	1.77	1.04	0.4	0	2.13	2.25	3.75	3.89	3.63	3.6	1
5.37	4.91	4.41	3.86	3.23	2.54	1.79	1.05	0.41	0	1.84	2.24	3.77	3.91	3.62	3.59	1
5.37	4.92	4.41	3.86	3.24	2.55	1.81	1.07	0.42	0	1.86	2.17	3.74	3.88	3.6	3.58	1.01
5.38	4.92	4.41	3.87	3.25	2.57	1.82	1.09	0.43	0	1.87	2.35	3.75	3.92	3.63	3.57	1.01
5.38	4.92	4.41	3.87	3.26	2.58	1.84	1.11	0.45	0	1.78	2.39	3.75	3.92	3.61	3.6	1.01
5.37	4.92	4.41	3.87	3.27	2.6	1.87	1.13	0.47	0	1.86	2.15	3.75	3.95	3.64	3.6	1.01
5.36	4.91	4.41	3.87	3.28	2.61	1.89	1.15	0.48	0	1.84	2.3	3.75	3.94	3.63	3.59	1.01
5.35	4.9	4.4	3.87	3.29	2.63	1.9	1.17	0.5	0	2.15	2.59	3.76	3.92	3.61	3.59	1.01
5.34	4.89	4.39	3.87	3.29	2.63	1.92	1.19	0.51	0	1.87	2.58	3.75	3.89	3.6	3.59	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.32	4.88	4.39	3.86	3.29	2.64	1.93	1.2	0.52	0	2.07	2.54	3.75	3.9	3.62	3.58	1.01
5.31	4.87	4.38	3.85	3.29	2.65	1.94	1.21	0.53	0	1.86	2.51	3.74	3.88	3.63	3.6	1.01
5.3	4.86	4.37	3.84	3.28	2.65	1.94	1.22	0.54	0	1.76	2.26	3.75	3.93	3.61	3.59	1.01
5.28	4.84	4.36	3.83	3.27	2.64	1.95	1.22	0.54	0	1.64	2.16	3.77	3.98	3.6	3.57	1.01
5.27	4.83	4.34	3.82	3.26	2.64	1.94	1.22	0.54	0	1.61	2.27	3.77	3.97	3.62	3.57	1.01
5.25	4.81	4.33	3.8	3.25	2.63	1.93	1.22	0.54	0	1.85	2.27	3.77	3.95	3.61	3.57	1.01
5.24	4.8	4.31	3.78	3.23	2.61	1.92	1.21	0.53	0	1.99	2.46	3.76	3.99	3.62	3.57	1.01
5.22	4.78	4.29	3.77	3.21	2.6	1.91	1.2	0.53	0	1.76	2.38	3.76	4.03	3.61	3.61	1.01
5.2	4.76	4.27	3.75	3.2	2.59	1.9	1.19	0.52	0	1.96	2.13	3.74	4.07	3.61	3.62	1.01
5.19	4.74	4.26	3.74	3.19	2.58	1.89	1.19	0.52	0	1.94	1.98	3.73	4.08	3.62	3.6	1.01
5.18	4.74	4.25	3.74	3.18	2.57	1.89	1.19	0.52	0	1.58	2.21	3.75	4.1	3.62	3.64	1.01
5.18	4.74	4.26	3.74	3.19	2.57	1.89	1.19	0.53	0	2.12	2.5	3.76	4.12	3.63	3.65	1
5.19	4.74	4.27	3.75	3.19	2.58	1.9	1.2	0.53	0	2.17	2.39	3.74	4.12	3.62	3.61	1
5.2	4.76	4.28	3.76	3.2	2.59	1.91	1.21	0.55	0	2.09	2.46	3.75	4.09	3.61	3.61	1
5.21	4.77	4.29	3.77	3.21	2.6	1.92	1.22	0.56	0	2.03	2.33	3.75	4.13	3.62	3.63	1
5.24	4.79	4.31	3.79	3.23	2.61	1.94	1.24	0.58	0	1.82	2.3	3.76	4.12	3.62	3.63	1
5.26	4.81	4.33	3.8	3.24	2.62	1.95	1.26	0.6	0	2.09	2.4	3.76	4.11	3.61	3.6	1
5.28	4.83	4.34	3.82	3.26	2.64	1.97	1.27	0.61	0	2.15	2.3	3.76	4.1	3.63	3.6	1
5.29	4.84	4.36	3.83	3.27	2.65	1.98	1.29	0.63	0	2.1	2.27	3.77	4.08	3.65	3.58	1
5.3	4.85	4.37	3.84	3.28	2.67	2	1.3	0.64	0	1.77	2.38	3.76	4	3.63	3.6	1
5.31	4.86	4.38	3.85	3.29	2.68	2.01	1.31	0.65	0	1.56	2.51	3.75	3.92	3.61	3.58	1
5.31	4.87	4.39	3.86	3.3	2.69	2.02	1.33	0.65	0	1.9	2.44	3.74	3.84	3.6	3.58	1
5.31	4.87	4.39	3.87	3.31	2.7	2.03	1.34	0.66	0	1.86	2.41	3.74	3.85	3.6	3.58	1
5.32	4.88	4.4	3.88	3.32	2.71	2.04	1.35	0.67	0	1.69	2.4	3.74	3.87	3.61	3.57	1
5.33	4.89	4.41	3.89	3.33	2.72	2.05	1.36	0.68	0	1.86	2.33	3.74	3.9	3.6	3.57	1
5.34	4.9	4.43	3.91	3.34	2.74	2.07	1.37	0.69	0	1.96	2.27	3.75	3.89	3.61	3.57	1
5.36	4.92	4.44	3.92	3.36	2.75	2.09	1.39	0.71	0	1.8	2.51	3.75	3.89	3.63	3.58	1
5.38	4.95	4.46	3.94	3.38	2.77	2.11	1.41	0.73	0	2.01	2.5	3.74	3.92	3.61	3.56	1
5.41	4.97	4.48	3.97	3.4	2.8	2.13	1.43	0.75	0	1.89	2.23	3.75	3.93	3.61	3.58	1
5.42	4.99	4.5	3.98	3.42	2.81	2.15	1.45	0.76	0	2.31	1.72	3.75	3.96	3.61	3.59	1
5.44	5	4.52	4	3.44	2.83	2.16	1.46	0.78	0	1.66	2.21	3.74	3.91	3.62	3.57	0.99
5.44	5.01	4.52	4.01	3.45	2.84	2.17	1.47	0.79	0	1.26	2.46	3.73	3.94	3.6	3.58	0.99
5.44	5.01	4.53	4.01	3.45	2.84	2.17	1.47	0.79	0	1.55	2.47	3.75	3.97	3.6	3.61	0.99
5.45	5.01	4.53	4.01	3.45	2.84	2.17	1.47	0.79	0	1.92	2.64	3.74	4.01	3.61	3.6	0.99
5.44	5.01	4.53	4.01	3.45	2.84	2.16	1.47	0.79	0	1.64	2.54	3.75	3.98	3.6	3.58	0.99
5.45	5.01	4.53	4.01	3.44	2.83	2.16	1.46	0.78	0	1.74	2.35	3.74	3.92	3.59	3.58	0.99
5.45	5.01	4.52	4	3.43	2.82	2.15	1.45	0.77	0	1.98	2.31	3.73	3.9	3.59	3.56	0.99
5.44	5	4.52	3.99	3.42	2.81	2.14	1.44	0.76	0	1.93	2.11	3.73	3.87	3.61	3.56	0.99
5.44	5	4.51	3.98	3.41	2.8	2.13	1.43	0.75	0	1.56	2.2	3.73	3.89	3.64	3.56	0.99
5.44	4.99	4.5	3.97	3.4	2.79	2.11	1.42	0.74	0	1.66	2.18	3.74	3.96	3.61	3.58	1
5.43	4.98	4.49	3.96	3.39	2.78	2.11	1.41	0.73	0	1.95	2.23	3.76	4.02	3.63	3.6	1
5.42	4.97	4.48	3.95	3.38	2.77	2.1	1.41	0.73	0	2.03	2.28	3.76	3.99	3.62	3.58	1
5.41	4.96	4.47	3.94	3.37	2.76	2.1	1.4	0.73	0	1.74	2.3	3.75	4.01	3.6	3.58	1
5.4	4.95	4.46	3.93	3.37	2.76	2.1	1.41	0.73	0	1.91	2.18	3.75	4.02	3.63	3.58	1.01
5.38	4.93	4.45	3.92	3.36	2.76	2.1	1.41	0.73	0	1.86	2.18	3.76	4.01	3.63	3.57	1.01
5.36	4.91	4.43	3.91	3.35	2.76	2.11	1.42	0.74	0	2.02	2.37	3.75	4.03	3.63	3.6	1.01
5.32	4.88	4.41	3.89	3.34	2.76	2.11	1.42	0.74	0	2.15	2.37	3.75	4	3.63	3.61	1.01
5.29	4.85	4.38	3.87	3.33	2.75	2.1	1.42	0.74	0	1.83	2.35	3.75	3.96	3.63	3.58	1.01
5.25	4.82	4.35	3.85	3.31	2.74	2.1	1.42	0.75	0	2.03	2.27	3.75	3.86	3.61	3.58	1.01
5.21	4.79	4.33	3.83	3.3	2.73	2.1	1.42	0.75	0	2.1	2.25	3.73	3.79	3.61	3.58	1.01
5.18	4.76	4.31	3.81	3.29	2.72	2.09	1.42	0.75	0	1.76	2.32	3.75	3.83	3.62	3.57	1.01
5.16	4.74	4.29	3.8	3.28	2.72	2.09	1.42	0.75	0	1.78	2.36	3.75	3.83	3.61	3.57	1.01
5.13	4.72	4.27	3.79	3.27	2.71	2.09	1.42	0.76	0	1.47	2.28	3.74	3.78	3.61	3.56	1.01
5.12	4.7	4.26	3.78	3.26	2.71	2.09	1.42	0.76	0	1.99	2.22	3.73	3.78	3.6	3.57	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.1	4.69	4.24	3.76	3.25	2.7	2.08	1.42	0.76	0	1.82	2.45	3.74	3.79	3.61	3.59	1.01
5.09	4.68	4.23	3.75	3.24	2.69	2.08	1.41	0.75	0	1.92	2.48	3.74	3.86	3.64	3.59	1.01
5.08	4.66	4.21	3.74	3.23	2.68	2.07	1.41	0.75	0	2.19	2.27	3.76	3.85	3.62	3.58	1.02
5.07	4.65	4.2	3.72	3.22	2.67	2.06	1.4	0.74	0	2	2.35	3.77	3.84	3.64	3.6	1.02
4.61	4.16	3.67	3.17	2.66	2.14	1.6	1.02	0.42	0	1.7	2.42	3.75	3.9	3.61	3.59	1.03
4.63	4.18	3.69	3.19	2.68	2.16	1.61	1.03	0.42	0	2.05	2.12	3.74	3.81	3.61	3.58	1.03
4.65	4.2	3.72	3.21	2.7	2.18	1.62	1.04	0.42	0	1.68	2.07	3.74	3.73	3.6	3.57	1.03
4.68	4.23	3.74	3.24	2.72	2.2	1.64	1.04	0.43	0	2.03	2.32	3.73	3.72	3.61	3.56	1.03
4.72	4.27	3.78	3.26	2.74	2.22	1.65	1.05	0.43	0	2.13	2.44	3.74	3.8	3.6	3.57	1.03
4.76	4.3	3.81	3.29	2.77	2.24	1.67	1.06	0.44	0	2.4	2.58	3.74	3.92	3.61	3.56	1.03
4.81	4.34	3.85	3.32	2.8	2.26	1.69	1.07	0.44	0	1.65	2.52	3.76	4.02	3.63	3.56	1.03
4.85	4.38	3.88	3.36	2.83	2.29	1.71	1.08	0.45	0	1.91	2.45	3.76	4.02	3.65	3.58	1.03
4.89	4.42	3.92	3.39	2.86	2.31	1.72	1.09	0.46	0	1.96	2.35	3.77	4.02	3.64	3.62	1.03
4.93	4.46	3.95	3.42	2.89	2.34	1.74	1.11	0.47	0	1.98	2.49	3.76	4.04	3.64	3.6	1.04
4.96	4.49	3.99	3.46	2.92	2.36	1.76	1.12	0.48	0	1.71	2.33	3.75	3.96	3.62	3.58	1.04
4.99	4.52	4.02	3.49	2.95	2.39	1.78	1.13	0.49	0	1.43	2.04	3.75	3.87	3.64	3.58	1.04
5.02	4.55	4.05	3.52	2.98	2.41	1.8	1.14	0.49	0	1.99	2.46	3.75	3.83	3.62	3.56	1.04
5.05	4.58	4.08	3.55	3.01	2.44	1.81	1.15	0.5	0	1.96	2.6	3.74	3.86	3.63	3.58	1.04
5.08	4.61	4.11	3.58	3.04	2.46	1.82	1.16	0.51	0	1.53	2.08	3.75	3.91	3.63	3.59	1.04
5.1	4.64	4.14	3.61	3.06	2.48	1.83	1.16	0.51	0	1.42	2.04	3.75	3.93	3.65	3.59	1.04
5.13	4.66	4.17	3.64	3.08	2.49	1.84	1.16	0.51	0	1.85	2.42	3.74	3.92	3.64	3.61	1.03
5.15	4.69	4.19	3.66	3.1	2.51	1.84	1.16	0.51	0	1.82	2.4	3.75	3.89	3.62	3.58	1.03
5.17	4.71	4.22	3.68	3.12	2.52	1.85	1.16	0.5	0	1.9	2.19	3.74	3.84	3.63	3.55	1.03
5.19	4.74	4.24	3.7	3.14	2.53	1.85	1.15	0.49	0	1.88	2.07	3.73	3.78	3.62	3.57	1.03
5.21	4.76	4.26	3.72	3.15	2.53	1.85	1.14	0.49	0	1.64	2.31	3.74	3.79	3.61	3.59	1.03
5.23	4.78	4.28	3.74	3.17	2.54	1.85	1.14	0.48	0	1.58	2.18	3.75	3.8	3.62	3.59	1.03
5.25	4.8	4.3	3.76	3.18	2.55	1.85	1.13	0.47	0	2.11	2.54	3.75	3.86	3.62	3.59	1.03
5.27	4.82	4.32	3.77	3.2	2.56	1.85	1.13	0.46	0	1.93	2.68	3.76	3.91	3.63	3.58	1.03
5.29	4.84	4.34	3.79	3.22	2.57	1.86	1.13	0.46	0	1.9	2.55	3.75	3.88	3.62	3.59	1.03
5.31	4.86	4.36	3.82	3.24	2.59	1.86	1.13	0.46	0	1.33	2.35	3.76	3.84	3.62	3.59	1.03
5.34	4.89	4.39	3.84	3.26	2.61	1.87	1.13	0.46	0	1.73	2.45	3.75	3.75	3.61	3.59	1.03
5.37	4.92	4.41	3.87	3.29	2.63	1.88	1.14	0.46	0	2.06	2.4	3.74	3.72	3.61	3.57	1.03
5.4	4.95	4.44	3.9	3.31	2.64	1.9	1.14	0.46	0	1.85	2.38	3.74	3.76	3.61	3.57	1.03
5.44	4.98	4.47	3.93	3.34	2.66	1.91	1.15	0.46	0	1.66	2.42	3.75	3.86	3.61	3.57	1.02
5.48	5.01	4.51	3.96	3.36	2.68	1.92	1.15	0.47	0	1.9	2.52	3.76	3.93	3.62	3.59	1.02
5.51	5.05	4.54	3.99	3.39	2.7	1.94	1.16	0.47	0	1.79	2.56	3.75	3.9	3.63	3.58	1.02
5.55	5.08	4.57	4.02	3.41	2.72	1.95	1.17	0.48	0	2.15	2.46	3.76	3.88	3.61	3.6	1.02
5.58	5.11	4.6	4.04	3.44	2.74	1.96	1.18	0.48	0	1.83	2.16	3.74	3.85	3.62	3.6	1.02
5.61	5.14	4.63	4.07	3.46	2.76	1.97	1.19	0.49	0	1.56	2.3	3.74	3.85	3.62	3.57	1.01
5.64	5.17	4.66	4.1	3.48	2.77	1.99	1.2	0.5	0	1.65	2.26	3.75	3.92	3.63	3.58	1.01
5.67	5.19	4.68	4.12	3.5	2.79	2	1.21	0.51	0	1.82	2.49	3.76	3.97	3.63	3.59	1.01
5.69	5.22	4.71	4.14	3.52	2.81	2.01	1.21	0.52	0	1.88	2.52	3.74	3.99	3.61	3.6	1
5.72	5.24	4.73	4.16	3.54	2.82	2.02	1.22	0.52	0	1.65	2.42	3.75	4.02	3.61	3.59	1
5.74	5.27	4.75	4.18	3.56	2.83	2.02	1.22	0.52	0	1.94	2.27	3.75	3.95	3.59	3.59	1
5.77	5.29	4.78	4.2	3.57	2.84	2.02	1.22	0.52	0	1.62	1.76	3.75	3.93	3.61	3.59	1
5.79	5.31	4.8	4.22	3.58	2.85	2.02	1.21	0.52	0	1.85	2.25	3.76	3.9	3.62	3.58	0.99
5.82	5.33	4.81	4.23	3.59	2.85	2.01	1.2	0.51	0	2	2.42	3.74	3.88	3.59	3.57	0.99
5.84	5.35	4.83	4.25	3.6	2.84	2	1.19	0.5	0	1.72	2.27	3.74	3.91	3.62	3.57	0.99
5.86	5.37	4.84	4.26	3.6	2.84	1.99	1.17	0.48	0	1.68	2.24	3.75	3.95	3.62	3.57	0.99
5.87	5.38	4.85	4.26	3.6	2.83	1.97	1.15	0.46	0	1.67	2.47	3.75	3.99	3.62	3.59	1
5.89	5.39	4.86	4.26	3.59	2.81	1.95	1.13	0.44	0	1.83	2.43	3.76	4.01	3.64	3.6	1
5.89	5.39	4.86	4.26	3.58	2.8	1.93	1.11	0.43	0	1.92	1.91	3.75	4.05	3.62	3.59	1
5.89	5.39	4.86	4.26	3.58	2.78	1.91	1.09	0.41	0	1.74	2.28	3.76	4	3.63	3.61	1
5.9	5.4	4.86	4.26	3.57	2.77	1.89	1.07	0.4	0	1.85	2.39	3.75	3.96	3.62	3.59	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.9	5.4	4.87	4.26	3.56	2.75	1.87	1.05	0.39	0	1.37	2.3	3.74	3.91	3.63	3.58	1
5.91	5.41	4.87	4.26	3.56	2.74	1.85	1.03	0.38	0	1.79	2.03	3.74	3.87	3.65	3.56	1
5.91	5.42	4.88	4.27	3.56	2.73	1.83	1.01	0.37	0	1.78	2.21	3.74	3.93	3.64	3.59	1
5.92	5.44	4.89	4.28	3.55	2.72	1.81	1	0.36	0	1.61	2.45	3.76	4.01	3.62	3.58	1
5.94	5.45	4.91	4.28	3.55	2.7	1.79	0.98	0.36	0	2.06	2.44	3.76	4.04	3.63	3.59	1.01
5.96	5.47	4.92	4.29	3.55	2.69	1.78	0.96	0.35	0	1.83	2.42	3.76	4.03	3.64	3.59	1.01
5.98	5.48	4.94	4.3	3.55	2.68	1.76	0.95	0.34	0	1.53	2.39	3.74	3.98	3.63	3.59	1.01
5.99	5.5	4.95	4.31	3.55	2.67	1.74	0.93	0.34	0	1.9	2.37	3.75	3.92	3.61	3.57	1.01
6.02	5.52	4.97	4.32	3.55	2.66	1.73	0.92	0.33	0	1.84	2.31	3.75	3.94	3.62	3.58	1.01
6.03	5.54	4.98	4.33	3.55	2.65	1.71	0.91	0.33	0	1.76	2.37	3.76	3.99	3.63	3.58	1.01
6.05	5.56	5	4.34	3.56	2.65	1.71	0.9	0.33	0	1.82	2.41	3.77	4.01	3.64	3.58	1.01
6.07	5.57	5.01	4.35	3.56	2.64	1.7	0.9	0.33	0	1.76	2.33	3.76	4.02	3.63	3.6	1.02
6.08	5.59	5.02	4.36	3.56	2.64	1.69	0.89	0.33	0	1.71	2.23	3.76	4.01	3.62	3.59	1.02
6.09	5.6	5.04	4.37	3.57	2.64	1.69	0.89	0.33	0	1.94	2.2	3.76	3.93	3.62	3.58	1.02
6.1	5.61	5.04	4.38	3.57	2.63	1.68	0.89	0.33	0	2.11	2.46	3.74	3.87	3.64	3.56	1.02
6.11	5.62	5.05	4.38	3.57	2.63	1.68	0.88	0.33	0	1.78	2.59	3.74	3.84	3.62	3.55	1.02
6.11	5.63	5.06	4.39	3.57	2.62	1.67	0.88	0.33	0	2.1	2.45	3.76	3.89	3.61	3.56	1.02
6.13	5.64	5.07	4.39	3.56	2.62	1.66	0.87	0.33	0	1.39	2.49	3.75	3.98	3.62	3.6	1.02
6.14	5.65	5.08	4.39	3.56	2.61	1.66	0.87	0.32	0	2.03	2.56	3.75	4.04	3.64	3.63	1.02
6.16	5.67	5.09	4.4	3.56	2.6	1.64	0.86	0.32	0	2.08	2.56	3.76	4.07	3.62	3.63	1.02
6.19	5.69	5.1	4.4	3.55	2.59	1.63	0.85	0.32	0	1.59	2.56	3.76	4.01	3.62	3.62	1.02
6.22	5.71	5.12	4.41	3.55	2.57	1.62	0.84	0.31	0	2.16	2.63	3.75	3.93	3.61	3.58	1.02
6.24	5.73	5.13	4.41	3.54	2.56	1.6	0.83	0.31	0	1.9	2.36	3.74	3.92	3.62	3.59	1.02
6.27	5.75	5.14	4.41	3.53	2.55	1.59	0.82	0.3	0	1.65	2.18	3.74	3.89	3.64	3.58	1.02
6.28	5.77	5.15	4.41	3.53	2.54	1.58	0.81	0.3	0	1.85	1.98	3.76	3.95	3.62	3.59	1.02
6.3	5.78	5.16	4.42	3.52	2.53	1.56	0.8	0.29	0	1.74	2.33	3.78	3.95	3.63	3.6	1.02
6.3	5.79	5.17	4.42	3.51	2.51	1.55	0.79	0.29	0	1.78	2.59	3.77	3.99	3.63	3.61	1.01
6.31	5.79	5.17	4.42	3.51	2.5	1.54	0.78	0.28	0	1.83	2.5	3.77	3.95	3.62	3.61	1.01
6.31	5.8	5.18	4.42	3.5	2.49	1.53	0.77	0.28	0	1.56	2.31	3.76	3.9	3.62	3.59	1.01
6.32	5.8	5.18	4.42	3.49	2.48	1.51	0.76	0.27	0	1.95	1.9	3.76	3.85	3.61	3.57	1.01
6.32	5.81	5.19	4.42	3.48	2.46	1.5	0.75	0.27	0	1.89	2.14	3.74	3.79	3.61	3.58	1.01
6.34	5.81	5.19	4.41	3.47	2.45	1.48	0.74	0.26	0	2.11	2.49	3.75	3.8	3.6	3.55	1.01
6.35	5.82	5.19	4.41	3.46	2.43	1.46	0.73	0.26	0	1.76	2.53	3.76	3.89	3.62	3.58	1
6.36	5.83	5.19	4.4	3.44	2.4	1.44	0.71	0.25	0	1.91	2.43	3.77	3.97	3.61	3.58	1
6.38	5.84	5.19	4.39	3.43	2.38	1.42	0.7	0.24	0	1.91	2.52	3.76	3.99	3.62	3.57	1
6.41	5.85	5.19	4.38	3.41	2.36	1.4	0.68	0.24	0	1.71	2.52	3.77	3.99	3.62	3.56	1
6.43	5.87	5.19	4.37	3.39	2.33	1.38	0.67	0.23	0	1.43	2.39	3.76	3.96	3.63	3.56	1
6.45	5.88	5.2	4.36	3.37	2.31	1.35	0.65	0.22	0	1.39	2.25	3.75	3.87	3.61	3.58	1
6.47	5.9	5.2	4.35	3.35	2.28	1.33	0.64	0.21	0	1.55	2.03	3.74	3.84	3.62	3.58	1
6.49	5.91	5.21	4.34	3.33	2.26	1.3	0.62	0.21	0	1.57	2.34	3.74	3.85	3.62	3.58	1
6.51	5.93	5.21	4.33	3.31	2.22	1.28	0.6	0.2	0	2.11	2.31	3.74	3.91	3.61	3.58	1
6.53	5.94	5.21	4.32	3.28	2.19	1.25	0.59	0.19	0	1.68	2.46	3.76	3.97	3.62	3.57	1
6.55	5.95	5.22	4.31	3.26	2.17	1.22	0.57	0.19	0	1.71	2.43	3.77	4.03	3.64	3.56	1
6.56	5.96	5.22	4.3	3.23	2.13	1.19	0.55	0.18	0	2	2.47	3.77	4.05	3.64	3.6	1
6.57	5.97	5.21	4.28	3.21	2.1	1.16	0.54	0.17	0	1.95	2.34	3.77	4.01	3.63	3.61	1
6.58	5.97	5.21	4.26	3.18	2.07	1.14	0.52	0.17	0	1.63	2.09	3.75	3.95	3.61	3.56	1
6.58	5.96	5.19	4.24	3.14	2.03	1.1	0.5	0.16	0	1.95	2.17	3.75	3.92	3.62	3.58	0.99
6.58	5.96	5.18	4.22	3.11	1.99	1.07	0.48	0.16	0	1.87	2.27	3.74	3.91	3.61	3.56	0.99
6.58	5.95	5.16	4.19	3.07	1.96	1.04	0.46	0.15	0	1.8	2.02	3.75	3.94	3.63	3.6	0.99
6.57	5.94	5.14	4.16	3.04	1.92	1.01	0.45	0.14	0	1.52	2.24	3.76	4.06	3.62	3.6	0.99
6.56	5.92	5.11	4.12	3	1.88	0.98	0.43	0.14	0	2	2.18	3.76	4.08	3.6	3.62	0.99
6.56	5.91	5.09	4.09	2.96	1.84	0.95	0.41	0.13	0	1.9	2.42	3.75	4.07	3.63	3.6	0.99
6.55	5.89	5.06	4.05	2.91	1.79	0.92	0.39	0.12	0	2.08	2.42	3.75	4.02	3.63	3.58	0.99
6.54	5.87	5.03	4.01	2.86	1.75	0.89	0.37	0.12	0	1.92	2.32	3.75	3.97	3.61	3.6	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
6.52	5.84	4.99	3.96	2.8	1.7	0.85	0.35	0.11	0	1.89	2.51	3.75	3.93	3.61	3.58	0.99
6.51	5.82	4.95	3.9	2.74	1.65	0.82	0.34	0.1	0	1.99	2.57	3.73	3.89	3.63	3.57	0.99
6.51	5.8	4.92	3.85	2.68	1.6	0.79	0.32	0.1	0	1.83	2.64	3.75	3.95	3.62	3.58	0.99
6.49	5.77	4.87	3.78	2.61	1.54	0.76	0.3	0.09	0	1.8	2.22	3.75	4.07	3.62	3.6	0.99
6.48	5.73	4.81	3.71	2.54	1.48	0.73	0.29	0.09	0	2.01	1.9	3.76	4.06	3.62	3.58	0.99
6.46	5.68	4.74	3.63	2.46	1.43	0.69	0.27	0.08	0	1.97	2.36	3.75	4.08	3.61	3.58	0.99
6.43	5.63	4.66	3.53	2.37	1.37	0.66	0.26	0.07	0	1.71	2.42	3.75	4.01	3.62	3.58	0.99
6.4	5.58	4.58	3.44	2.29	1.3	0.63	0.24	0.07	0	1.88	2.27	3.75	3.97	3.63	3.58	0.99
6.37	5.51	4.48	3.34	2.2	1.24	0.59	0.22	0.06	0	1.92	2.37	3.75	3.99	3.62	3.56	0.99
6.32	5.43	4.38	3.23	2.11	1.18	0.56	0.21	0.05	0	1.96	2.67	3.76	4.03	3.62	3.57	1
6.26	5.35	4.28	3.12	2.02	1.13	0.53	0.2	0.05	0	1.39	2.67	3.76	4.04	3.62	3.57	1
6.2	5.26	4.17	3.02	1.93	1.07	0.5	0.18	0.04	0	2.16	2.43	3.78	4.13	3.64	3.58	1
6.12	5.16	4.06	2.91	1.85	1.02	0.47	0.17	0.04	0	2.31	2.45	3.77	4.14	3.61	3.61	0.99
6.04	5.07	3.96	2.81	1.77	0.97	0.45	0.16	0.04	0	2.12	2.52	3.77	4.13	3.62	3.59	0.99
5.97	4.98	3.85	2.72	1.7	0.92	0.42	0.15	0.03	0	1.83	2.2	3.75	4.1	3.6	3.6	0.99
5.89	4.88	3.75	2.62	1.63	0.88	0.4	0.14	0.03	0	2.11	2.44	3.75	3.97	3.59	3.58	0.99
5.81	4.79	3.66	2.53	1.56	0.84	0.37	0.13	0.03	0	2.36	2.41	3.74	3.9	3.6	3.57	0.99
5.74	4.7	3.56	2.45	1.5	0.79	0.35	0.12	0.02	0	2.25	2.46	3.73	3.9	3.61	3.55	0.99
5.68	4.62	3.47	2.37	1.43	0.75	0.33	0.11	0.02	0	1.8	2.57	3.75	3.97	3.6	3.57	0.99
5.61	4.54	3.39	2.29	1.37	0.72	0.31	0.1	0.02	0	1.89	2.34	3.77	4.09	3.61	3.6	0.98
5.55	4.47	3.31	2.22	1.32	0.68	0.3	0.09	0.02	0	2.32	2.35	3.77	4.13	3.61	3.62	0.98
5.48	4.39	3.23	2.15	1.26	0.65	0.28	0.09	0.01	0	2.23	2.33	3.76	4.13	3.63	3.59	0.98
5.42	4.31	3.15	2.08	1.21	0.62	0.27	0.08	0.01	0	1.79	2.45	3.76	4.07	3.61	3.57	0.98
5.34	4.23	3.08	2.02	1.17	0.59	0.26	0.08	0.01	0	1.9	2.26	3.74	4.04	3.62	3.56	0.98
5.27	4.15	3	1.96	1.13	0.57	0.25	0.08	0.01	0	2.16	2.21	3.73	3.97	3.61	3.56	0.98
5.19	4.07	2.93	1.9	1.08	0.54	0.23	0.07	0.01	0	1.88	2.42	3.73	4.01	3.62	3.6	0.98
5.11	3.99	2.86	1.84	1.05	0.52	0.22	0.07	0.01	0	1.89	2.53	3.73	4.01	3.62	3.6	0.98
5.02	3.91	2.79	1.79	1.01	0.5	0.21	0.06	0.01	0	1.4	2.38	3.74	4.07	3.6	3.59	0.98
4.94	3.82	2.72	1.74	0.97	0.48	0.2	0.06	0.01	0	1.67	2.22	3.75	4.03	3.62	3.6	0.98
4.85	3.74	2.65	1.69	0.94	0.45	0.19	0.06	0.01	0	1.83	2.27	3.76	4.04	3.6	3.58	0.98
4.76	3.66	2.59	1.64	0.91	0.43	0.18	0.05	0.009	0	1.97	2.53	3.75	4.01	3.6	3.59	0.98
4.68	3.58	2.52	1.59	0.88	0.42	0.17	0.05	0.008	0	1.7	2.37	3.74	4.01	3.64	3.56	0.98
4.6	3.51	2.46	1.55	0.85	0.4	0.16	0.05	0.008	0	1.66	2.12	3.72	3.92	3.62	3.55	0.98
4.52	3.44	2.4	1.5	0.82	0.38	0.15	0.04	0.007	0	2.05	2.23	3.73	3.86	3.61	3.54	0.98
4.44	3.37	2.34	1.46	0.8	0.37	0.14	0.04	0.006	0	1.95	2.43	3.74	3.85	3.61	3.57	0.98
4.37	3.3	2.28	1.42	0.77	0.36	0.14	0.04	0.006	0	2	2.54	3.74	3.91	3.62	3.57	0.98
4.3	3.23	2.23	1.37	0.74	0.34	0.13	0.04	0.006	0	1.91	2.51	3.73	3.93	3.62	3.57	0.98
4.23	3.17	2.17	1.33	0.71	0.32	0.13	0.04	0.005	0	1.9	2.44	3.73	3.95	3.63	3.58	0.98
4.16	3.09	2.1	1.28	0.68	0.31	0.12	0.03	0.005	0	2.15	2.41	3.75	3.95	3.63	3.56	0.98
4.08	3.02	2.04	1.23	0.65	0.29	0.11	0.03	0.005	0	1.91	2.16	3.74	3.95	3.63	3.57	0.98
3.99	2.93	1.97	1.18	0.62	0.28	0.11	0.03	0.005	0	1.65	2.22	3.75	3.95	3.61	3.59	0.98
3.9	2.85	1.89	1.13	0.59	0.27	0.1	0.03	0.005	0	1.52	2.22	3.73	3.86	3.62	3.58	0.98
3.8	2.75	1.82	1.07	0.56	0.25	0.1	0.03	0.006	0	1.53	1.56	3.72	3.77	3.64	3.6	0.98
3.71	2.66	1.74	1.02	0.53	0.24	0.09	0.03	0.006	0	1.61	2.38	3.72	3.78	3.61	3.61	0.98
3.61	2.56	1.66	0.97	0.5	0.22	0.09	0.03	0.006	0	1.71	2.41	3.73	3.8	3.62	3.58	0.98
3.51	2.46	1.58	0.92	0.47	0.21	0.08	0.03	0.007	0	2.13	2.46	3.73	3.93	3.61	3.56	0.98
3.41	2.37	1.5	0.86	0.44	0.2	0.08	0.03	0.007	0	2.01	2.46	3.74	4.02	3.61	3.58	0.98
3.31	2.27	1.43	0.81	0.42	0.19	0.07	0.02	0.007	0	1.94	2.34	3.75	4	3.6	3.59	0.98
3.21	2.18	1.35	0.77	0.39	0.18	0.07	0.02	0.008	0	1.95	2.21	3.74	3.96	3.6	3.58	0.98
3.13	2.09	1.28	0.72	0.36	0.17	0.07	0.02	0.008	0	1.78	2.18	3.73	3.93	3.59	3.56	0.98
3.05	2.01	1.21	0.68	0.34	0.16	0.06	0.02	0.009	0	1.58	2.18	3.74	3.86	3.61	3.55	0.98
2.98	1.94	1.16	0.64	0.32	0.15	0.06	0.02	0.009	0	1.62	2.29	3.73	3.87	3.62	3.55	0.98
2.91	1.87	1.1	0.6	0.3	0.14	0.06	0.02	0.01	0	1.68	2.44	3.73	3.93	3.6	3.57	0.98
2.85	1.8	1.04	0.56	0.28	0.13	0.06	0.02	0.01	0	1.81	2.41	3.75	4	3.6	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.79	1.73	0.99	0.53	0.26	0.12	0.05	0.02	0.01	0	2.07	2.61	3.76	4.02	3.64	3.6	0.98
2.72	1.67	0.93	0.49	0.24	0.11	0.05	0.02	0.01	0	1.67	2.48	3.75	3.99	3.63	3.57	0.98
2.66	1.61	0.89	0.46	0.23	0.11	0.05	0.02	0.01	0	1.54	2.37	3.74	3.94	3.61	3.56	0.98
2.58	1.54	0.84	0.43	0.21	0.1	0.05	0.02	0.01	0	1.83	2.2	3.73	3.84	3.61	3.56	0.98
2.5	1.48	0.8	0.41	0.2	0.09	0.05	0.02	0.01	0	1.92	2.08	3.73	3.82	3.6	3.55	0.98
2.4	1.41	0.76	0.38	0.19	0.09	0.05	0.02	0.01	0	1.86	2.33	3.73	3.85	3.6	3.54	0.98
2.3	1.35	0.72	0.36	0.18	0.09	0.04	0.02	0.01	0	1.79	2.41	3.73	3.9	3.6	3.57	0.97
2.19	1.28	0.69	0.35	0.17	0.08	0.04	0.02	0.009	0	1.74	2.55	3.74	3.92	3.61	3.6	0.97
2.08	1.22	0.65	0.33	0.16	0.08	0.04	0.02	0.009	0	1.58	2.44	3.74	3.95	3.61	3.57	0.97
1.96	1.15	0.62	0.31	0.15	0.08	0.04	0.02	0.009	0	1.75	2.42	3.74	3.91	3.61	3.6	0.97
1.85	1.09	0.59	0.3	0.15	0.08	0.04	0.01	0.008	0	1.86	2.43	3.73	3.9	3.6	3.58	0.97
1.75	1.04	0.56	0.29	0.14	0.07	0.03	0.01	0.008	0	1.56	2.17	3.73	3.9	3.62	3.58	0.97
1.66	0.98	0.54	0.28	0.14	0.07	0.03	0.01	0.007	0	1	2.16	3.74	3.87	3.61	3.58	0.97
1.57	0.93	0.51	0.26	0.13	0.06	0.03	0.01	0.006	0	1.48	2.41	3.74	3.91	3.62	3.57	0.97
1.51	0.89	0.48	0.25	0.12	0.06	0.03	0.01	0.005	0	1.94	1.77	3.74	3.9	3.6	3.59	0.97
1.46	0.85	0.47	0.24	0.12	0.06	0.02	0.01	0.005	0	2.2	2.21	3.73	3.88	3.61	3.59	0.97
1.42	0.82	0.45	0.23	0.11	0.05	0.02	0.01	0.004	0	2.18	2.4	3.73	3.89	3.62	3.57	0.97
1.39	0.79	0.43	0.22	0.11	0.05	0.02	0.01	0.003	0	1.78	2.27	3.74	3.83	3.6	3.56	0.97
1.37	0.77	0.41	0.21	0.1	0.05	0.02	0.01	0.003	0	1.52	1.64	3.73	3.78	3.59	3.56	0.97
1.34	0.75	0.39	0.2	0.1	0.05	0.02	0.008	0.002	0	1.79	2.19	3.73	3.78	3.61	3.57	0.97
1.32	0.73	0.38	0.19	0.09	0.04	0.02	0.007	0.002	0	1.75	2.31	3.75	3.82	3.62	3.55	0.97
1.3	0.71	0.37	0.18	0.09	0.04	0.01	0.006	0.002	0	1.29	2.15	3.72	3.82	3.62	3.56	0.97
1.28	0.69	0.35	0.17	0.08	0.04	0.01	0.006	0.002	0	1.25	2.3	3.74	3.83	3.61	3.57	0.97
1.25	0.67	0.34	0.17	0.08	0.04	0.01	0.005	0.002	0	1.26	2.37	3.72	3.84	3.61	3.59	0.97
1.22	0.65	0.33	0.16	0.08	0.03	0.01	0.004	0.002	0	1.7	2.34	3.73	3.83	3.62	3.57	0.97
1.18	0.63	0.32	0.16	0.08	0.03	0.01	0.004	0.002	0	1.41	2.23	3.73	3.85	3.63	3.57	0.97
1.13	0.61	0.31	0.15	0.07	0.03	0.01	0.004	0.002	0	1.89	2.22	3.74	3.84	3.64	3.56	0.97
1.09	0.58	0.3	0.15	0.07	0.03	0.01	0.004	0.001	0	1.91	2.44	3.75	3.85	3.63	3.55	0.97
1.04	0.56	0.29	0.14	0.07	0.03	0.01	0.004	0.001	0	1.77	2.29	3.77	3.85	3.64	3.6	0.97
0.99	0.54	0.28	0.14	0.07	0.03	0.01	0.005	0.001	0	1.61	2.16	3.74	3.81	3.61	3.58	0.97
0.94	0.52	0.27	0.14	0.07	0.03	0.01	0.006	0.001	0	1.76	2.26	3.76	3.78	3.61	3.57	0.97
0.9	0.5	0.27	0.14	0.07	0.03	0.01	0.007	0.001	0	1.67	2.44	3.74	3.81	3.61	3.55	0.97
0.86	0.48	0.26	0.14	0.07	0.03	0.01	0.01	0.003	0	1.82	2.29	3.73	3.81	3.6	3.55	0.97
0.82	0.46	0.26	0.14	0.07	0.04	0.02	0.01	0.004	0	1.9	2.1	3.73	3.77	3.59	3.56	0.97
0.78	0.44	0.25	0.14	0.08	0.04	0.02	0.01	0.006	0	1.86	2.03	3.74	3.79	3.59	3.57	0.97
0.75	0.43	0.25	0.14	0.08	0.04	0.02	0.01	0.008	0	1.49	2.17	3.74	3.79	3.61	3.58	0.97
0.72	0.41	0.24	0.14	0.08	0.04	0.03	0.01	0.009	0	1.95	2.32	3.74	3.88	3.65	3.57	0.97
0.69	0.4	0.23	0.14	0.08	0.04	0.03	0.01	0.009	0	2.04	2.3	3.75	3.92	3.63	3.57	0.97
0.66	0.38	0.22	0.13	0.08	0.04	0.02	0.01	0.008	0	1.83	2.38	3.76	3.93	3.62	3.59	0.97
0.64	0.36	0.21	0.12	0.07	0.04	0.02	0.01	0.006	0	1.35	2.03	3.76	3.89	3.63	3.58	0.97
0.62	0.35	0.2	0.12	0.07	0.04	0.02	0.01	0.004	0	1.96	2.05	3.76	3.77	3.62	3.56	0.97
0.6	0.34	0.19	0.11	0.06	0.03	0.01	0.008	0.003	0	2.14	2.29	3.74	3.69	3.6	3.57	0.97
0.59	0.33	0.18	0.11	0.06	0.03	0.01	0.006	0.003	0	1.89	2.16	3.74	3.7	3.61	3.58	0.98
0.57	0.32	0.18	0.1	0.05	0.03	0.01	0.005	0.003	0	1.92	1.73	3.75	3.72	3.61	3.58	0.98
0.56	0.31	0.17	0.1	0.05	0.03	0.01	0.006	0.004	0	1.85	1.92	3.75	3.77	3.62	3.58	0.98
0.55	0.3	0.17	0.1	0.05	0.03	0.01	0.006	0.004	0	1.86	2.05	3.76	3.85	3.62	3.59	0.98
0.54	0.3	0.17	0.1	0.05	0.03	0.01	0.008	0.005	0	2.02	2.45	3.77	3.87	3.63	3.61	0.99
0.53	0.29	0.17	0.1	0.06	0.04	0.02	0.01	0.006	0	1.66	2.48	3.76	3.8	3.63	3.59	0.99
0.52	0.29	0.17	0.1	0.06	0.04	0.02	0.01	0.008	0	1.66	2.47	3.76	3.77	3.61	3.6	0.98
0.51	0.28	0.17	0.1	0.07	0.04	0.02	0.01	0.009	0	1.79	2.52	3.75	3.72	3.63	3.57	0.98
0.5	0.28	0.16	0.1	0.07	0.05	0.02	0.01	0.009	0	1.8	2.52	3.75	3.71	3.61	3.56	0.98
0.49	0.28	0.16	0.1	0.07	0.05	0.03	0.02	0.01	0	1.36	2.37	3.75	3.73	3.63	3.59	0.98
0.48	0.27	0.16	0.1	0.07	0.05	0.03	0.02	0.01	0	1.58	2.37	3.75	3.75	3.63	3.58	0.97
0.46	0.26	0.16	0.1	0.07	0.05	0.03	0.02	0.009	0	1.6	2.44	3.75	3.74	3.61	3.6	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.45	0.26	0.15	0.1	0.07	0.04	0.02	0.01	0.008	0	1.91	1.99	3.74	3.77	3.61	3.58	0.96
0.44	0.25	0.15	0.09	0.06	0.04	0.02	0.01	0.007	0	1.75	2.11	3.75	3.81	3.63	3.58	0.96
0.42	0.24	0.14	0.09	0.06	0.04	0.02	0.01	0.006	0	1.77	2.39	3.73	3.8	3.63	3.59	0.96
0.41	0.23	0.14	0.08	0.05	0.03	0.02	0.01	0.006	0	1.75	1.76	3.72	3.82	3.62	3.61	0.96
0.4	0.23	0.13	0.08	0.05	0.03	0.02	0.01	0.006	0	1.1	2.17	3.73	3.79	3.62	3.59	0.96
0.39	0.22	0.13	0.08	0.05	0.03	0.02	0.01	0.006	0	1.5	2.47	3.74	3.74	3.61	3.58	0.96
0.38	0.21	0.13	0.08	0.05	0.03	0.02	0.01	0.005	0	1.66	2.44	3.76	3.74	3.61	3.6	0.96
0.37	0.2	0.12	0.07	0.04	0.03	0.01	0.01	0.005	0	1.62	2.32	3.75	3.77	3.62	3.6	0.96
0.36	0.2	0.12	0.07	0.04	0.03	0.01	0.01	0.005	0	1.8	2.31	3.75	3.79	3.63	3.59	0.96
0.35	0.19	0.11	0.07	0.04	0.03	0.01	0.01	0.005	0	1.61	2.33	3.75	3.79	3.63	3.56	0.96
0.34	0.19	0.11	0.07	0.04	0.03	0.01	0.01	0.005	0	1.6	2.21	3.76	3.79	3.6	3.6	0.96
0.34	0.19	0.11	0.06	0.04	0.02	0.01	0.01	0.004	0	1.8	2.23	3.77	3.83	3.61	3.58	0.96
0.33	0.18	0.11	0.06	0.04	0.02	0.01	0.01	0.004	0	1.79	2.57	3.76	3.9	3.64	3.58	0.96
0.33	0.18	0.1	0.06	0.04	0.02	0.01	0.01	0.004	0	1.74	2.64	3.76	3.96	3.62	3.58	0.96
0.32	0.18	0.1	0.06	0.04	0.02	0.01	0.01	0.003	0	1.97	2.5	3.77	3.99	3.64	3.59	0.96
0.32	0.17	0.1	0.06	0.04	0.02	0.01	0.01	0.003	0	2.12	2.47	3.76	3.9	3.63	3.59	0.96
0.32	0.17	0.1	0.06	0.04	0.02	0.01	0.009	0.003	0	1.59	2.36	3.74	3.8	3.61	3.59	0.96
0.31	0.17	0.1	0.06	0.04	0.02	0.01	0.008	0.002	0	1.93	1.87	3.73	3.74	3.59	3.61	0.95
0.31	0.16	0.1	0.06	0.03	0.02	0.01	0.007	0.002	0	2.03	2.27	3.73	3.71	3.59	3.59	0.95
0.31	0.16	0.09	0.05	0.03	0.02	0.009	0.006	0.002	0	2.25	2.39	3.75	3.8	3.64	3.6	0.95
0.31	0.16	0.09	0.05	0.03	0.02	0.008	0.005	0.002	0	1.77	2.33	3.75	3.93	3.62	3.58	0.95
0.31	0.15	0.09	0.05	0.03	0.01	0.007	0.004	0.002	0	2.1	2.37	3.75	4.04	3.61	3.59	0.95
0.31	0.15	0.08	0.04	0.03	0.01	0.006	0.004	0.002	0	2.18	2.33	3.75	4.12	3.63	3.6	0.95
0.31	0.15	0.08	0.04	0.03	0.01	0.006	0.004	0.002	0	2.1	2.48	3.75	4.11	3.62	3.62	0.96
0.31	0.15	0.08	0.04	0.03	0.01	0.006	0.004	0.002	0	1.62	2.52	3.75	4.1	3.63	3.6	0.96
0.31	0.15	0.08	0.04	0.03	0.02	0.007	0.004	0.002	0	2.04	1.94	3.76	4.04	3.62	3.58	0.96
0.32	0.15	0.08	0.05	0.03	0.02	0.008	0.005	0.002	0	2.07	2.02	3.74	3.99	3.62	3.59	0.96
0.32	0.16	0.09	0.05	0.03	0.02	0.01	0.006	0.002	0	2.04	2.06	3.76	4.02	3.62	3.58	0.97
0.33	0.16	0.09	0.05	0.03	0.02	0.01	0.008	0.003	0	1.86	2.09	3.76	4.09	3.63	3.56	0.97
0.33	0.17	0.09	0.06	0.04	0.02	0.01	0.009	0.004	0	2.03	2.33	3.76	4.15	3.62	3.6	0.97
0.34	0.17	0.1	0.06	0.04	0.03	0.01	0.01	0.004	0	2.23	2.33	3.77	4.23	3.64	3.62	0.97
0.35	0.18	0.1	0.07	0.05	0.03	0.02	0.01	0.005	0	2.28	2.36	3.79	4.22	3.63	3.58	0.98
0.35	0.18	0.11	0.07	0.05	0.03	0.02	0.01	0.006	0	1.95	2.46	3.77	4.23	3.61	3.6	0.98
0.36	0.19	0.11	0.07	0.06	0.04	0.02	0.01	0.007	0	1.7	2.31	3.77	4.13	3.6	3.61	0.98
0.36	0.19	0.12	0.08	0.06	0.04	0.03	0.02	0.009	0	1.98	2.41	3.75	4.12	3.59	3.61	0.98
0.37	0.19	0.12	0.08	0.07	0.05	0.03	0.02	0.01	0	2.16	2.29	3.73	4.08	3.61	3.58	0.98
0.37	0.2	0.12	0.09	0.07	0.05	0.03	0.02	0.01	0	2.06	2.15	3.76	4.04	3.63	3.59	0.98
0.37	0.2	0.13	0.09	0.07	0.05	0.03	0.02	0.01	0	1.35	2.37	3.75	4.05	3.63	3.58	0.98
0.38	0.2	0.13	0.09	0.07	0.05	0.04	0.02	0.01	0	1.65	2.41	3.75	4.06	3.63	3.57	0.98
0.38	0.2	0.13	0.09	0.07	0.05	0.04	0.02	0.01	0	1.8	2.49	3.76	4.04	3.64	3.58	0.98
0.38	0.2	0.13	0.09	0.07	0.05	0.04	0.02	0.01	0	1.71	2.51	3.76	4.08	3.63	3.6	0.98
0.38	0.2	0.13	0.09	0.07	0.05	0.04	0.02	0.01	0	1.79	2.26	3.76	4.08	3.64	3.57	0.98
0.39	0.2	0.13	0.09	0.07	0.05	0.04	0.02	0.01	0	1.54	2.21	3.76	4.05	3.64	3.57	0.98
0.39	0.2	0.13	0.09	0.07	0.05	0.03	0.02	0.01	0	1.46	2.25	3.76	4.07	3.63	3.58	0.98
0.39	0.2	0.13	0.09	0.07	0.05	0.03	0.02	0.01	0	1.49	2.25	3.77	4.11	3.63	3.59	0.98
0.39	0.2	0.13	0.08	0.06	0.05	0.03	0.02	0.01	0	1.38	2.42	3.76	4.08	3.64	3.58	0.98
0.39	0.2	0.12	0.08	0.06	0.04	0.03	0.02	0.01	0	1.06	2.31	3.75	4.06	3.63	3.57	0.98
0.39	0.2	0.12	0.08	0.05	0.04	0.03	0.02	0.01	0	1.68	2.31	3.74	4.01	3.61	3.57	0.97
0.39	0.2	0.12	0.08	0.05	0.04	0.02	0.01	0.009	0	1.95	2.41	3.74	3.98	3.62	3.56	0.97
0.39	0.2	0.12	0.07	0.05	0.03	0.02	0.01	0.008	0	1.71	2.4	3.75	4.02	3.61	3.57	0.97
0.39	0.2	0.12	0.07	0.05	0.03	0.02	0.01	0.006	0	2.19	2.29	3.72	4.01	3.61	3.57	0.96
0.4	0.2	0.12	0.07	0.05	0.03	0.02	0.01	0.005	0	2.09	2.34	3.73	4.02	3.59	3.59	0.96
0.4	0.2	0.12	0.07	0.05	0.03	0.02	0.01	0.005	0	1.74	2.32	3.74	4.09	3.59	3.58	0.96
0.41	0.21	0.12	0.07	0.05	0.03	0.02	0.01	0.004	0	2.07	2.38	3.75	4.13	3.61	3.58	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.42	0.21	0.12	0.07	0.05	0.03	0.01	0.01	0.004	0	2.07	2.51	3.75	4.17	3.6	3.59	0.96
0.43	0.22	0.12	0.07	0.04	0.03	0.01	0.01	0.003	0	2.22	2.53	3.74	4.11	3.61	3.6	0.96
0.45	0.22	0.12	0.07	0.04	0.03	0.01	0.01	0.003	0	1.85	2.29	3.73	4.06	3.61	3.58	0.96
0.46	0.23	0.13	0.07	0.04	0.03	0.01	0.01	0.003	0	2.08	2.18	3.72	3.92	3.61	3.57	0.96
0.48	0.24	0.13	0.07	0.04	0.03	0.01	0.009	0.003	0	2.07	1.71	3.72	3.88	3.6	3.57	0.96
0.5	0.25	0.13	0.08	0.04	0.03	0.01	0.008	0.003	0	1.74	2.02	3.73	3.94	3.61	3.53	0.96
0.52	0.26	0.14	0.08	0.05	0.03	0.01	0.008	0.003	0	2.1	2.15	3.75	4.04	3.61	3.57	0.96
0.55	0.27	0.14	0.08	0.04	0.03	0.01	0.008	0.003	0	2.15	2.17	3.75	4.08	3.61	3.59	0.96
0.56	0.28	0.14	0.08	0.04	0.03	0.01	0.007	0.003	0	2.26	2.24	3.76	4.08	3.64	3.56	0.96
0.58	0.28	0.14	0.08	0.04	0.02	0.01	0.006	0.002	0	2.11	2.3	3.75	4.11	3.63	3.56	0.96
0.6	0.29	0.14	0.08	0.04	0.02	0.01	0.005	0.002	0	1.8	2.21	3.75	4.07	3.63	3.54	0.96
0.62	0.29	0.15	0.08	0.04	0.02	0.01	0.005	0.002	0	2.09	2.18	3.74	4.02	3.61	3.56	0.96
0.63	0.3	0.15	0.08	0.04	0.02	0.01	0.004	0.001	0	1.68	2.32	3.74	4.03	3.61	3.57	0.96
0.65	0.31	0.15	0.08	0.04	0.02	0.01	0.004	0.001	0	1.56	2.5	3.74	4.07	3.58	3.6	0.96
0.66	0.31	0.15	0.08	0.04	0.02	0.01	0.004	0.001	0	1.58	2.27	3.75	4.1	3.6	3.61	0.96
0.67	0.32	0.16	0.08	0.04	0.02	0.01	0.005	0.001	0	1.6	2.07	3.75	4.13	3.59	3.58	0.97
0.69	0.33	0.16	0.08	0.04	0.02	0.01	0.005	0	0	1.75	2.28	3.74	4.1	3.6	3.56	0.97
0.7	0.33	0.16	0.08	0.04	0.02	0.01	0.005	0	0	1.62	2.5	3.72	4.06	3.61	3.56	0.97
0.7	0.34	0.17	0.09	0.05	0.02	0.01	0.004	0	0	1.66	2.36	3.73	3.97	3.63	3.56	0.97
0.71	0.35	0.17	0.09	0.05	0.02	0.01	0.004	0	0	1.28	2.22	3.74	3.99	3.6	3.54	0.97
0.72	0.36	0.18	0.09	0.05	0.02	0.01	0.005	0.001	0	1.78	2.23	3.74	3.95	3.6	3.56	0.97
0.73	0.37	0.19	0.1	0.05	0.02	0.01	0.005	0.001	0	1.52	2.28	3.74	3.97	3.61	3.56	0.97
0.74	0.38	0.2	0.1	0.05	0.02	0.01	0.005	0.001	0	1.84	2.4	3.73	3.91	3.62	3.57	0.97
0.75	0.39	0.21	0.11	0.06	0.02	0.01	0.006	0.002	0	1.59	2.13	3.73	3.89	3.6	3.53	0.97
0.77	0.41	0.22	0.12	0.06	0.03	0.01	0.007	0.003	0	1.75	2.42	3.71	3.85	3.58	3.56	0.97
0.79	0.43	0.24	0.13	0.07	0.03	0.02	0.008	0.003	0	1.62	2.45	3.71	3.84	3.63	3.58	0.98
0.82	0.46	0.25	0.14	0.07	0.03	0.02	0.009	0.003	0	1.88	2.5	3.73	3.83	3.61	3.56	0.98
0.85	0.48	0.27	0.14	0.07	0.04	0.02	0.009	0.003	0	2.01	2.5	3.73	3.86	3.59	3.55	0.98
0.89	0.51	0.28	0.15	0.07	0.04	0.02	0.009	0.003	0	1.87	2.36	3.74	3.88	3.63	3.55	0.99
0.93	0.54	0.3	0.16	0.08	0.03	0.01	0.008	0.003	0	1.51	2.27	3.75	3.88	3.62	3.54	0.99
0.98	0.58	0.32	0.16	0.08	0.03	0.01	0.007	0.002	0	1.85	2.3	3.74	3.87	3.63	3.56	0.99
1.04	0.61	0.34	0.17	0.08	0.03	0.01	0.007	0.002	0	1.87	2.24	3.74	3.95	3.62	3.58	1
1.09	0.65	0.35	0.18	0.08	0.03	0.01	0.007	0.002	0	1.74	2.3	3.77	4.04	3.62	3.58	1
1.14	0.69	0.38	0.18	0.08	0.03	0.01	0.008	0.003	0	2.26	2.43	3.77	4.05	3.63	3.58	1
1.2	0.72	0.4	0.19	0.08	0.03	0.01	0.009	0.003	0	2.29	2.35	3.76	4.02	3.63	3.57	0.99
1.26	0.76	0.42	0.2	0.09	0.04	0.01	0.01	0.004	0	2.09	2.52	3.74	3.95	3.63	3.58	0.99
1.31	0.8	0.44	0.21	0.09	0.04	0.02	0.01	0.005	0	1.91	2.37	3.74	3.83	3.61	3.56	0.99
1.37	0.84	0.46	0.22	0.1	0.04	0.02	0.01	0.005	0	2.32	2.33	3.72	3.7	3.6	3.55	0.99
1.42	0.87	0.48	0.23	0.1	0.04	0.02	0.01	0.006	0	2.45	2.4	3.71	3.74	3.6	3.55	0.99
1.47	0.91	0.5	0.24	0.11	0.04	0.02	0.01	0.006	0	2.37	2.27	3.7	3.69	3.58	3.55	0.98
1.52	0.94	0.52	0.25	0.11	0.05	0.02	0.01	0.006	0	1.95	2.42	3.72	3.83	3.6	3.57	0.98
1.56	0.97	0.54	0.26	0.11	0.05	0.02	0.01	0.006	0	1.94	2.43	3.75	3.98	3.6	3.63	0.98
1.6	0.99	0.55	0.27	0.12	0.05	0.02	0.01	0.006	0	2.34	2.47	3.76	4.07	3.61	3.64	0.98
1.63	1.02	0.57	0.27	0.12	0.05	0.02	0.01	0.006	0	2.4	2.43	3.77	4.12	3.63	3.59	0.98
1.65	1.03	0.58	0.28	0.13	0.05	0.02	0.01	0.006	0	2.3	2.25	3.75	4.07	3.62	3.59	0.98
1.66	1.05	0.59	0.29	0.13	0.05	0.02	0.01	0.006	0	1.95	2.44	3.74	3.99	3.62	3.58	0.98
1.67	1.06	0.6	0.3	0.14	0.06	0.02	0.01	0.007	0	2	2.27	3.71	3.82	3.63	3.57	0.97
1.68	1.07	0.61	0.31	0.14	0.06	0.03	0.01	0.008	0	2.1	2.2	3.72	3.7	3.59	3.57	0.97
1.69	1.08	0.62	0.32	0.15	0.06	0.03	0.01	0.009	0	2.24	2.39	3.71	3.71	3.58	3.54	0.97
1.7	1.09	0.63	0.32	0.15	0.07	0.03	0.02	0.01	0	2.16	2.22	3.73	3.74	3.57	3.55	0.97
1.72	1.11	0.65	0.34	0.16	0.07	0.03	0.02	0.01	0	1.96	2.31	3.72	3.83	3.6	3.56	0.97
1.75	1.13	0.67	0.35	0.16	0.07	0.03	0.02	0.01	0	1.51	2.32	3.74	3.91	3.6	3.55	0.97
1.8	1.16	0.69	0.36	0.17	0.07	0.03	0.02	0.01	0	1.62	2.07	3.74	3.91	3.62	3.57	0.97
1.85	1.2	0.71	0.38	0.18	0.08	0.03	0.02	0.01	0	1.95	2.39	3.74	3.91	3.63	3.6	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.92	1.25	0.75	0.39	0.18	0.08	0.03	0.02	0.01	0	2.13	2.39	3.72	3.88	3.61	3.59	0.97
1.99	1.31	0.78	0.41	0.19	0.08	0.03	0.02	0.01	0	2.12	2.25	3.74	3.95	3.63	3.58	0.97
2.08	1.37	0.83	0.44	0.2	0.08	0.03	0.02	0.01	0	1.85	1.98	3.76	4.02	3.63	3.57	0.97
2.17	1.44	0.87	0.47	0.22	0.09	0.03	0.02	0.01	0	1.64	1.9	3.74	4.05	3.62	3.57	0.97
2.27	1.52	0.93	0.5	0.23	0.1	0.04	0.02	0.01	0	1.94	1.99	3.74	3.98	3.62	3.59	0.97
2.37	1.61	0.99	0.54	0.25	0.1	0.04	0.02	0.01	0	1.68	2.17	3.73	3.95	3.61	3.56	0.97
2.48	1.71	1.06	0.58	0.27	0.11	0.04	0.02	0.01	0	1.99	2.3	3.73	3.89	3.59	3.56	0.97
2.6	1.81	1.14	0.63	0.29	0.12	0.04	0.02	0.009	0	2.32	2.37	3.71	3.81	3.57	3.55	0.97
2.72	1.91	1.21	0.68	0.32	0.13	0.04	0.01	0.007	0	2.3	2.3	3.72	3.78	3.57	3.54	0.98
2.84	2.01	1.29	0.72	0.34	0.14	0.05	0.01	0.005	0	2.06	2.2	3.72	3.86	3.58	3.57	0.98
2.95	2.12	1.38	0.78	0.37	0.14	0.05	0.01	0.002	0	1.57	2.28	3.73	3.91	3.59	3.56	0.98
3.07	2.23	1.46	0.83	0.4	0.16	0.05	0.01	0	0	1.7	2.5	3.74	3.96	3.61	3.58	0.98
3.19	2.34	1.55	0.89	0.43	0.17	0.05	0.01	0.001	0	1.71	2.39	3.74	3.99	3.62	3.59	0.98
3.29	2.45	1.64	0.96	0.47	0.18	0.06	0.01	0.001	0	1.89	2.29	3.76	4	3.62	3.58	0.98
3.39	2.55	1.73	1.02	0.5	0.2	0.06	0.01	0.002	0	1.87	2.09	3.74	3.94	3.61	3.57	0.98
3.47	2.64	1.81	1.08	0.54	0.22	0.07	0.01	0.002	0	1.72	2.38	3.74	3.89	3.63	3.57	0.98
3.55	2.72	1.89	1.14	0.58	0.24	0.07	0.01	0.003	0	1.55	2.59	3.73	3.87	3.62	3.56	0.98
3.6	2.79	1.96	1.2	0.62	0.26	0.08	0.02	0.004	0	1.32	2.42	3.73	3.85	3.66	3.57	0.98
3.65	2.86	2.03	1.26	0.66	0.28	0.09	0.02	0.005	0	1.43	2.36	3.72	3.89	3.64	3.57	0.98
3.7	2.92	2.1	1.32	0.7	0.3	0.1	0.02	0.006	0	1.99	2.39	3.73	3.89	3.61	3.58	0.98
3.74	2.98	2.17	1.38	0.74	0.32	0.1	0.03	0.007	0	1.73	2.48	3.73	3.9	3.61	3.59	0.98
3.77	3.04	2.23	1.44	0.78	0.34	0.11	0.03	0.009	0	1.81	2.13	3.72	3.87	3.59	3.56	0.98
3.81	3.09	2.3	1.5	0.82	0.36	0.12	0.03	0.01	0	2.25	2.36	3.72	3.78	3.57	3.54	0.97
3.85	3.14	2.36	1.56	0.86	0.39	0.13	0.04	0.01	0	2.24	2.34	3.72	3.7	3.59	3.54	0.97
3.89	3.2	2.41	1.61	0.9	0.41	0.14	0.04	0.01	0	1.96	2.34	3.71	3.75	3.59	3.56	0.98
3.92	3.24	2.47	1.66	0.94	0.43	0.15	0.05	0.01	0	1.78	2.38	3.73	3.85	3.59	3.57	0.98
3.96	3.29	2.52	1.71	0.97	0.45	0.17	0.05	0.01	0	1.9	2.31	3.74	3.92	3.61	3.58	0.98
3.98	3.32	2.56	1.75	1.01	0.47	0.18	0.05	0.01	0	1.67	2.29	3.74	3.98	3.62	3.57	0.98
4	3.35	2.59	1.79	1.04	0.49	0.19	0.06	0.01	0	1.91	2.29	3.75	3.93	3.63	3.59	0.99
4.01	3.37	2.62	1.82	1.07	0.51	0.2	0.06	0.01	0	2.06	2.1	3.73	3.91	3.63	3.59	0.99
4.01	3.38	2.65	1.85	1.1	0.53	0.21	0.07	0.01	0	2.05	2.19	3.74	3.85	3.63	3.59	0.99
4.01	3.39	2.67	1.88	1.13	0.55	0.22	0.07	0.01	0	1.89	2.05	3.72	3.79	3.61	3.56	0.99
4.01	3.4	2.68	1.9	1.15	0.57	0.23	0.08	0.01	0	2.11	2.03	3.73	3.77	3.62	3.55	1
3.99	3.4	2.69	1.92	1.17	0.59	0.24	0.08	0.01	0	2.18	2.18	3.74	3.8	3.6	3.58	1
3.98	3.4	2.7	1.93	1.19	0.61	0.25	0.08	0.01	0	2.06	2.37	3.74	3.91	3.59	3.57	1
3.97	3.39	2.7	1.94	1.21	0.62	0.26	0.09	0.01	0	2.08	2.49	3.74	4.01	3.6	3.57	1
3.95	3.38	2.7	1.95	1.23	0.64	0.27	0.1	0.02	0	1.86	2.55	3.75	4.06	3.61	3.58	1
3.94	3.37	2.7	1.96	1.24	0.66	0.28	0.1	0.02	0	2.32	2.25	3.75	4.11	3.62	3.63	1
3.92	3.36	2.7	1.97	1.26	0.67	0.29	0.11	0.02	0	2.41	2.22	3.75	4.13	3.61	3.64	1
3.9	3.35	2.69	1.97	1.27	0.69	0.3	0.11	0.02	0	1.96	2.33	3.75	4.05	3.62	3.63	1
3.88	3.34	2.69	1.97	1.28	0.7	0.31	0.11	0.02	0	1.97	2.43	3.72	3.91	3.61	3.6	1
3.87	3.33	2.69	1.98	1.28	0.7	0.31	0.12	0.02	0	2.5	2.38	3.71	3.76	3.61	3.58	1
3.87	3.33	2.68	1.98	1.29	0.71	0.32	0.12	0.02	0	2.5	2.48	3.72	3.74	3.62	3.6	1
3.87	3.32	2.68	1.98	1.29	0.72	0.32	0.12	0.02	0	2.28	2.24	3.73	3.83	3.59	3.57	1
3.87	3.32	2.68	1.98	1.29	0.72	0.32	0.12	0.03	0	1.77	2.44	3.75	3.97	3.62	3.57	1
3.87	3.32	2.68	1.98	1.29	0.72	0.33	0.12	0.03	0	2.13	2.42	3.75	4.07	3.61	3.58	1
3.87	3.32	2.68	1.98	1.29	0.72	0.33	0.12	0.03	0	2.35	2.25	3.76	4.1	3.62	3.61	0.99
3.86	3.31	2.68	1.98	1.3	0.73	0.33	0.12	0.03	0	2.22	2.09	3.75	4.12	3.63	3.59	0.99
3.85	3.31	2.67	1.98	1.3	0.73	0.33	0.12	0.03	0	2.17	2.49	3.75	4.1	3.61	3.59	0.99
3.84	3.3	2.67	1.98	1.31	0.74	0.33	0.12	0.03	0	2.18	2.49	3.75	4.02	3.61	3.61	0.99
3.83	3.3	2.67	1.99	1.31	0.74	0.33	0.12	0.03	0	2.07	2.45	3.74	3.92	3.6	3.61	0.99
3.82	3.29	2.68	1.99	1.31	0.74	0.34	0.13	0.03	0	2.29	2.29	3.74	3.76	3.6	3.6	0.99
3.82	3.29	2.68	1.99	1.32	0.75	0.34	0.13	0.03	0	2.42	2.06	3.74	3.74	3.59	3.56	0.99
3.82	3.3	2.68	2	1.32	0.75	0.34	0.13	0.03	0	2.26	2.34	3.73	3.8	3.6	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.83	3.31	2.69	2	1.32	0.75	0.34	0.13	0.03	0	1.71	2.57	3.72	3.89	3.6	3.56	0.98
3.84	3.32	2.7	2.01	1.33	0.75	0.34	0.13	0.03	0	1.66	2.49	3.74	3.94	3.6	3.56	0.98
3.85	3.33	2.7	2.01	1.33	0.75	0.34	0.13	0.03	0	1.92	2.43	3.74	4.04	3.62	3.59	0.98
3.86	3.33	2.71	2.02	1.33	0.75	0.35	0.13	0.03	0	2.16	2.59	3.75	4.09	3.63	3.61	0.98
3.86	3.34	2.72	2.02	1.33	0.75	0.35	0.13	0.03	0	2.17	2.66	3.76	4.08	3.64	3.59	0.98
3.86	3.34	2.72	2.03	1.34	0.75	0.35	0.13	0.03	0	1.82	2.59	3.75	4.02	3.61	3.57	0.98
3.86	3.34	2.72	2.04	1.35	0.76	0.35	0.13	0.03	0	2.1	2.51	3.73	3.91	3.61	3.55	0.98
3.85	3.34	2.73	2.04	1.35	0.76	0.36	0.13	0.03	0	2.38	2.4	3.73	3.83	3.58	3.56	0.97
3.85	3.34	2.73	2.05	1.36	0.77	0.36	0.14	0.03	0	2.33	2.33	3.72	3.89	3.59	3.54	0.97
3.85	3.34	2.74	2.06	1.37	0.77	0.36	0.14	0.03	0	1.94	2.57	3.72	3.96	3.6	3.55	0.97
3.85	3.35	2.74	2.07	1.37	0.78	0.37	0.14	0.03	0	1.98	2.48	3.74	4.07	3.62	3.58	0.97
3.85	3.35	2.75	2.08	1.38	0.79	0.37	0.14	0.03	0	2.19	2.16	3.75	4.14	3.6	3.62	0.97
3.84	3.35	2.76	2.09	1.39	0.8	0.38	0.15	0.03	0	2.37	1.95	3.75	4.15	3.6	3.6	0.97
3.84	3.35	2.77	2.1	1.41	0.81	0.39	0.15	0.03	0	2.31	2.17	3.75	4.12	3.6	3.62	0.97
3.85	3.36	2.78	2.11	1.42	0.82	0.39	0.15	0.04	0	1.75	2.06	3.73	4.03	3.62	3.58	0.97
3.85	3.37	2.79	2.13	1.43	0.83	0.4	0.16	0.04	0	2.1	2.34	3.73	3.97	3.61	3.58	0.97
3.86	3.38	2.8	2.15	1.45	0.84	0.41	0.16	0.04	0	2.41	2.41	3.72	3.88	3.6	3.56	0.98
3.88	3.4	2.82	2.16	1.47	0.85	0.42	0.16	0.04	0	2.44	2.57	3.73	3.84	3.6	3.55	0.98
3.89	3.41	2.84	2.18	1.48	0.86	0.42	0.17	0.04	0	2.15	2.42	3.74	3.9	3.6	3.58	0.98
3.91	3.43	2.85	2.19	1.49	0.88	0.43	0.17	0.04	0	1.88	2.28	3.75	3.99	3.6	3.58	0.99
3.92	3.44	2.87	2.21	1.51	0.89	0.44	0.18	0.04	0	2.38	2.44	3.75	4.08	3.65	3.58	0.99
3.93	3.45	2.88	2.22	1.52	0.9	0.45	0.18	0.04	0	2.5	2.47	3.76	4.13	3.66	3.58	1
3.93	3.45	2.88	2.23	1.53	0.91	0.45	0.18	0.04	0	2.25	2.4	3.75	4.06	3.64	3.56	1
3.93	3.45	2.89	2.24	1.55	0.92	0.46	0.19	0.05	0	1.64	2.32	3.76	3.99	3.64	3.58	1
3.92	3.45	2.89	2.24	1.56	0.93	0.47	0.19	0.05	0	2.09	2.46	3.74	3.86	3.63	3.6	1
3.92	3.45	2.89	2.25	1.57	0.94	0.47	0.2	0.05	0	2.32	2.36	3.73	3.79	3.6	3.55	1.01
3.91	3.45	2.9	2.26	1.58	0.95	0.48	0.2	0.05	0	2.28	2.19	3.73	3.78	3.6	3.57	1.01
3.92	3.45	2.9	2.26	1.58	0.96	0.49	0.2	0.05	0	2.07	2.51	3.74	3.88	3.6	3.56	1.01
3.92	3.45	2.9	2.26	1.59	0.96	0.49	0.21	0.05	0	1.6	2.47	3.76	3.99	3.62	3.6	1.01
3.93	3.46	2.9	2.27	1.59	0.97	0.5	0.21	0.06	0	2	2.06	3.76	4.03	3.62	3.6	1
3.93	3.46	2.9	2.27	1.59	0.97	0.5	0.21	0.06	0	2.13	2.34	3.77	4.04	3.61	3.61	1
3.94	3.46	2.91	2.27	1.6	0.98	0.51	0.21	0.06	0	2.02	2.28	3.76	4	3.62	3.6	1
3.94	3.46	2.91	2.27	1.6	0.99	0.51	0.22	0.06	0	1.95	2.4	3.75	3.98	3.62	3.59	1
3.94	3.46	2.91	2.28	1.61	0.99	0.52	0.22	0.06	0	1.95	2.34	3.75	3.92	3.63	3.59	1
3.93	3.46	2.91	2.28	1.61	1	0.52	0.22	0.07	0	1.82	2.44	3.74	3.83	3.62	3.56	1
3.93	3.47	2.92	2.29	1.62	1	0.52	0.23	0.07	0	1.97	2.48	3.73	3.74	3.62	3.56	1
3.93	3.47	2.92	2.29	1.63	1.01	0.53	0.23	0.07	0	2.32	2.03	3.72	3.77	3.6	3.55	1
3.94	3.47	2.93	2.3	1.63	1.01	0.53	0.23	0.07	0	2.33	2	3.73	3.77	3.59	3.58	1
3.94	3.48	2.94	2.31	1.64	1.01	0.53	0.23	0.07	0	1.9	2.39	3.74	3.76	3.6	3.58	1
3.95	3.49	2.95	2.31	1.64	1.02	0.54	0.23	0.07	0	2.03	2.38	3.73	3.8	3.61	3.59	1
3.96	3.5	2.96	2.33	1.65	1.02	0.54	0.23	0.07	0	1.85	2.35	3.74	3.93	3.62	3.6	1
3.97	3.51	2.97	2.34	1.66	1.03	0.55	0.24	0.07	0	2.14	2.54	3.75	4.02	3.64	3.57	0.99
3.98	3.52	2.98	2.35	1.67	1.04	0.56	0.24	0.07	0	2.19	2.36	3.76	4.06	3.62	3.57	0.99
3.98	3.53	2.99	2.36	1.67	1.04	0.56	0.24	0.07	0	2.09	2.47	3.77	4.07	3.63	3.6	0.99
3.98	3.53	2.99	2.36	1.69	1.05	0.57	0.25	0.07	0	1.65	2.31	3.75	4.02	3.62	3.6	0.99
3.97	3.53	3	2.37	1.7	1.06	0.57	0.25	0.07	0	1.58	2.4	3.74	3.95	3.6	3.58	0.99
3.97	3.53	3	2.38	1.71	1.08	0.58	0.26	0.08	0	1.75	1.95	3.73	3.9	3.62	3.58	0.98
3.98	3.54	3.01	2.4	1.73	1.09	0.59	0.26	0.08	0	1.84	2.31	3.75	3.83	3.59	3.58	0.98
3.98	3.55	3.02	2.41	1.74	1.1	0.6	0.27	0.08	0	2.03	2.56	3.74	3.81	3.6	3.57	0.98
3.99	3.56	3.03	2.42	1.76	1.12	0.61	0.27	0.08	0	1.94	2.4	3.74	3.8	3.61	3.57	0.97
4.01	3.57	3.05	2.44	1.77	1.13	0.62	0.28	0.09	0	1.65	2.3	3.74	3.9	3.61	3.55	0.97
4.02	3.58	3.06	2.45	1.79	1.15	0.63	0.28	0.09	0	1.92	1.91	3.74	3.97	3.61	3.57	0.97
4.04	3.6	3.08	2.47	1.81	1.16	0.64	0.29	0.09	0	2.05	2.15	3.75	4.05	3.61	3.59	0.96
4.05	3.62	3.1	2.49	1.83	1.18	0.65	0.29	0.09	0	2.19	2.18	3.74	4.07	3.6	3.58	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.07	3.64	3.12	2.51	1.85	1.19	0.66	0.3	0.1	0	2.11	2.27	3.75	4.05	3.6	3.56	0.96
4.09	3.66	3.14	2.54	1.87	1.21	0.67	0.3	0.1	0	1.61	2.33	3.74	3.99	3.57	3.57	0.96
4.12	3.69	3.17	2.56	1.89	1.22	0.68	0.31	0.1	0	2.2	2.29	3.72	3.89	3.58	3.56	0.96
4.16	3.72	3.2	2.59	1.91	1.24	0.69	0.31	0.1	0	2.36	2.26	3.71	3.81	3.6	3.53	0.96
4.2	3.75	3.23	2.62	1.93	1.25	0.69	0.32	0.1	0	2.32	2.39	3.71	3.81	3.6	3.56	0.96
4.24	3.79	3.26	2.64	1.96	1.27	0.7	0.32	0.11	0	2.22	2.51	3.72	3.87	3.59	3.57	0.96
4.29	3.83	3.3	2.67	1.98	1.29	0.71	0.33	0.11	0	1.99	2.5	3.74	4.03	3.63	3.59	0.96
4.33	3.87	3.33	2.7	2	1.3	0.72	0.33	0.11	0	2.29	2.59	3.76	4.14	3.66	3.58	0.97
4.37	3.9	3.36	2.72	2.02	1.32	0.73	0.34	0.11	0	2.48	2.49	3.76	4.17	3.64	3.58	0.97
4.4	3.93	3.38	2.75	2.05	1.34	0.75	0.34	0.12	0	2.44	2.47	3.76	4.22	3.63	3.58	0.97
4.42	3.95	3.41	2.77	2.07	1.36	0.76	0.35	0.12	0	2.22	2.61	3.77	4.17	3.62	3.57	0.97
4.43	3.96	3.43	2.79	2.09	1.38	0.77	0.36	0.12	0	1.84	2.55	3.75	4.12	3.6	3.59	0.97
4.44	3.97	3.44	2.81	2.11	1.39	0.78	0.36	0.12	0	2.39	2.39	3.72	3.99	3.58	3.57	0.98
4.45	3.98	3.46	2.83	2.13	1.41	0.79	0.37	0.12	0	2.4	2.36	3.71	3.99	3.59	3.61	0.98
4.46	4	3.47	2.85	2.15	1.42	0.8	0.37	0.13	0	2.22	2.3	3.73	4.02	3.59	3.58	0.98
4.47	4.01	3.49	2.87	2.16	1.43	0.81	0.37	0.13	0	1.59	2.11	3.74	4.06	3.58	3.56	0.98
4.48	4.02	3.5	2.88	2.17	1.44	0.81	0.37	0.13	0	1.91	2.45	3.75	4.08	3.62	3.58	0.98
4.49	4.03	3.51	2.89	2.18	1.44	0.81	0.38	0.13	0	1.8	2.54	3.77	4.12	3.62	3.6	0.98
4.5	4.04	3.52	2.9	2.18	1.44	0.81	0.37	0.13	0	2.23	2.48	3.75	4.1	3.62	3.58	0.98
4.5	4.04	3.52	2.9	2.18	1.44	0.81	0.37	0.13	0	2.05	2.48	3.76	4.14	3.63	3.56	0.98
4.49	4.03	3.52	2.9	2.18	1.44	0.8	0.37	0.12	0	1.98	2.38	3.75	4.08	3.6	3.58	0.98
4.48	4.03	3.51	2.89	2.17	1.43	0.79	0.36	0.12	0	1.78	2.47	3.75	4.08	3.61	3.57	0.98
4.46	4.01	3.5	2.89	2.17	1.42	0.79	0.36	0.12	0	2.12	2.61	3.74	4.04	3.59	3.59	0.99
4.45	4	3.49	2.88	2.16	1.42	0.78	0.36	0.12	0	1.94	2.44	3.73	3.97	3.61	3.56	0.99
4.44	3.99	3.48	2.87	2.15	1.41	0.77	0.35	0.12	0	2.23	2.19	3.72	3.82	3.61	3.56	0.99
4.43	3.98	3.48	2.86	2.14	1.4	0.77	0.35	0.11	0	2.31	2.39	3.71	3.71	3.58	3.57	0.99
4.42	3.98	3.46	2.85	2.13	1.39	0.76	0.35	0.11	0	2.04	2.33	3.71	3.71	3.6	3.56	0.99
4.41	3.97	3.45	2.83	2.11	1.38	0.76	0.35	0.11	0	1.65	2.17	3.71	3.74	3.6	3.56	0.99
4.4	3.95	3.44	2.82	2.09	1.37	0.75	0.34	0.11	0	1.73	1.68	3.73	3.94	3.6	3.54	0.99
4.39	3.94	3.42	2.8	2.08	1.36	0.74	0.34	0.11	0	1.78	2.1	3.76	4.08	3.6	3.57	0.99
4.38	3.93	3.4	2.78	2.06	1.35	0.74	0.34	0.11	0	2.36	2.32	3.75	4.13	3.62	3.6	0.99
4.36	3.91	3.39	2.76	2.05	1.34	0.74	0.33	0.11	0	2.33	2.38	3.76	4.13	3.63	3.61	0.99
4.34	3.89	3.37	2.75	2.04	1.33	0.73	0.33	0.11	0	1.99	2.52	3.75	4.08	3.61	3.59	0.99
4.31	3.86	3.35	2.73	2.03	1.32	0.73	0.33	0.11	0	2.08	2.27	3.73	3.92	3.61	3.57	0.99
4.28	3.84	3.33	2.72	2.02	1.32	0.73	0.33	0.11	0	2.16	2.22	3.72	3.79	3.6	3.57	0.99
4.26	3.82	3.31	2.7	2	1.31	0.72	0.33	0.11	0	2.18	2.45	3.71	3.69	3.61	3.59	0.99
4.23	3.79	3.29	2.68	1.99	1.3	0.72	0.33	0.11	0	2.15	2.38	3.71	3.66	3.61	3.57	0.99
4.21	3.77	3.27	2.67	1.98	1.29	0.72	0.33	0.11	0	2.31	2.4	3.72	3.7	3.6	3.57	0.99
4.19	3.76	3.25	2.65	1.97	1.29	0.71	0.33	0.11	0	1.88	2.48	3.72	3.71	3.61	3.56	0.99
4.17	3.74	3.24	2.64	1.96	1.28	0.71	0.33	0.11	0	1.74	2.3	3.74	3.75	3.63	3.56	1
4.16	3.73	3.23	2.63	1.94	1.27	0.7	0.32	0.11	0	1.76	2.2	3.73	3.74	3.64	3.59	1
4.16	3.73	3.22	2.61	1.93	1.26	0.7	0.32	0.1	0	1.91	2.4	3.74	3.74	3.6	3.57	1
4.16	3.72	3.21	2.6	1.92	1.25	0.69	0.32	0.1	0	1.9	2.36	3.74	3.75	3.6	3.58	1
4.16	3.72	3.21	2.6	1.92	1.24	0.69	0.32	0.1	0	1.82	2.54	3.73	3.8	3.61	3.58	1
4.17	3.73	3.21	2.59	1.91	1.23	0.68	0.31	0.1	0	1.77	2.4	3.73	3.85	3.61	3.58	1
4.18	3.73	3.2	2.58	1.9	1.23	0.68	0.31	0.1	0	2.07	2.28	3.75	3.95	3.62	3.59	1
4.18	3.73	3.2	2.58	1.89	1.22	0.68	0.31	0.1	0	2.02	2.26	3.74	4	3.62	3.6	1
4.19	3.73	3.2	2.58	1.89	1.22	0.67	0.31	0.1	0	1.61	2.4	3.74	3.93	3.61	3.61	1
4.19	3.73	3.2	2.57	1.88	1.21	0.67	0.31	0.1	0	1.36	2.45	3.74	3.86	3.62	3.58	1
4.19	3.73	3.2	2.57	1.88	1.21	0.67	0.31	0.1	0	1.89	2.47	3.73	3.81	3.61	3.57	1
4.19	3.73	3.2	2.57	1.88	1.2	0.66	0.3	0.1	0	1.6	2.45	3.74	3.77	3.6	3.57	1
4.19	3.73	3.2	2.57	1.87	1.2	0.66	0.3	0.1	0	1.29	2.5	3.74	3.77	3.6	3.56	1
4.19	3.74	3.2	2.57	1.87	1.19	0.65	0.3	0.1	0	1.56	2.46	3.75	3.75	3.63	3.58	1
4.2	3.74	3.21	2.58	1.87	1.19	0.65	0.29	0.09	0	1.51	2.04	3.74	3.7	3.6	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.2	3.75	3.22	2.58	1.88	1.19	0.64	0.29	0.09	0	2.03	2.19	3.72	3.7	3.59	3.57	1
4.21	3.76	3.23	2.59	1.88	1.19	0.64	0.29	0.09	0	1.59	2.58	3.72	3.73	3.61	3.56	1
4.22	3.77	3.24	2.6	1.89	1.19	0.64	0.29	0.09	0	1.91	2.48	3.74	3.83	3.63	3.59	1
4.23	3.78	3.25	2.61	1.89	1.19	0.64	0.29	0.09	0	1.7	2.25	3.75	3.87	3.6	3.59	1
4.24	3.79	3.26	2.62	1.9	1.19	0.64	0.28	0.09	0	1.84	2.2	3.74	3.86	3.61	3.6	0.99
4.24	3.8	3.27	2.63	1.9	1.2	0.64	0.28	0.09	0	1.62	2.14	3.74	3.79	3.61	3.57	0.99
4.25	3.81	3.27	2.63	1.91	1.2	0.64	0.28	0.09	0	1.88	2.5	3.74	3.8	3.6	3.55	0.99
4.26	3.82	3.28	2.64	1.91	1.2	0.64	0.28	0.09	0	1.78	2.42	3.73	3.8	3.6	3.56	0.99
4.27	3.82	3.28	2.64	1.92	1.2	0.65	0.29	0.09	0	2.02	2.43	3.72	3.85	3.6	3.56	0.99
4.29	3.83	3.29	2.64	1.92	1.21	0.65	0.29	0.09	0	1.83	2.05	3.72	3.87	3.62	3.58	0.99
4.3	3.84	3.3	2.65	1.92	1.21	0.65	0.29	0.09	0	1.68	1.79	3.73	3.88	3.6	3.58	0.98
4.31	3.85	3.31	2.65	1.93	1.22	0.66	0.29	0.09	0	1.71	2.14	3.73	3.88	3.59	3.57	0.98
4.32	3.86	3.31	2.66	1.94	1.22	0.66	0.3	0.09	0	1.79	2.26	3.74	3.88	3.6	3.55	0.98
4.32	3.87	3.32	2.67	1.94	1.23	0.66	0.3	0.09	0	2.1	2.25	3.73	3.86	3.6	3.57	0.98
4.33	3.87	3.33	2.68	1.95	1.24	0.67	0.3	0.09	0	1.88	2.29	3.73	3.87	3.59	3.57	0.98
4.33	3.87	3.33	2.68	1.95	1.24	0.67	0.3	0.09	0	1.67	2.42	3.74	3.94	3.6	3.56	0.98
4.33	3.87	3.34	2.69	1.95	1.25	0.67	0.31	0.09	0	1.31	2.36	3.73	3.97	3.62	3.59	0.98
4.32	3.87	3.34	2.69	1.96	1.25	0.68	0.31	0.09	0	1.63	2.38	3.73	3.98	3.61	3.59	0.98
4.31	3.87	3.34	2.69	1.96	1.25	0.68	0.31	0.09	0	1.74	2.1	3.72	3.95	3.62	3.6	0.98
4.31	3.86	3.34	2.69	1.96	1.25	0.68	0.31	0.09	0	1.87	2.39	3.74	4	3.6	3.59	0.98
4.3	3.86	3.33	2.69	1.96	1.25	0.68	0.31	0.09	0	1.89	2.5	3.76	4.03	3.63	3.61	0.98
4.29	3.85	3.33	2.68	1.96	1.25	0.68	0.31	0.1	0	1.86	2.53	3.77	4	3.63	3.6	0.98
4.29	3.85	3.32	2.68	1.96	1.26	0.69	0.31	0.1	0	1.75	2.37	3.73	3.88	3.59	3.56	0.99
4.29	3.84	3.31	2.67	1.95	1.26	0.69	0.32	0.1	0	2.04	2.27	3.73	3.78	3.6	3.56	0.99
4.29	3.84	3.31	2.66	1.95	1.26	0.69	0.32	0.1	0	1.83	2.19	3.73	3.73	3.6	3.56	0.99
4.29	3.84	3.3	2.66	1.95	1.26	0.7	0.32	0.1	0	1.89	2.26	3.73	3.76	3.59	3.57	0.99
4.29	3.83	3.29	2.65	1.94	1.26	0.7	0.32	0.1	0	1.83	2.24	3.74	3.87	3.6	3.58	0.99
4.29	3.83	3.29	2.64	1.94	1.26	0.7	0.32	0.11	0	1.67	2.25	3.74	3.96	3.62	3.56	0.99
4.29	3.83	3.28	2.64	1.94	1.26	0.7	0.33	0.11	0	1.99	2.39	3.74	3.96	3.62	3.6	1
4.29	3.83	3.28	2.63	1.94	1.26	0.71	0.33	0.11	0	2.04	2.38	3.76	3.98	3.6	3.58	1
4.29	3.82	3.27	2.63	1.93	1.26	0.71	0.33	0.11	0	1.68	2.07	3.75	3.98	3.63	3.57	1
4.28	3.81	3.26	2.62	1.94	1.26	0.71	0.33	0.11	0	1.74	1.97	3.74	3.92	3.63	3.58	1
4.27	3.81	3.26	2.62	1.94	1.27	0.72	0.34	0.11	0	2.06	2.32	3.74	3.84	3.62	3.58	1
4.26	3.8	3.26	2.62	1.94	1.28	0.72	0.34	0.11	0	2.13	2.38	3.74	3.82	3.6	3.58	1
4.25	3.79	3.25	2.63	1.95	1.28	0.73	0.35	0.12	0	2.08	2.4	3.76	3.9	3.63	3.57	1
4.23	3.78	3.25	2.63	1.96	1.29	0.74	0.35	0.12	0	1.95	2.47	3.75	4.04	3.61	3.6	1
4.22	3.77	3.25	2.63	1.96	1.3	0.74	0.35	0.12	0	2.13	2.48	3.76	4.11	3.64	3.62	1
4.2	3.76	3.24	2.64	1.97	1.31	0.75	0.36		7.7	2.37	2.49	3.79	4.12	3.61	3.66	1
4.19	3.75	3.24	2.64	1.98	1.31	0.75	0.36	0.12	0	2.11	2.5	3.76	4.1	3.62	3.65	1
4.18	3.75	3.24	2.64	1.98	1.32	0.76	0.37	0.12	0	1.91	2.36	3.75	4.05	3.61	3.63	1
4.17	3.74	3.24	2.65	1.99	1.33	0.76	0.37	0.13	0	2.11	2.22	3.75	4.03	3.61	3.6	1
4.17	3.74	3.24	2.65	1.99	1.33	0.77	0.37	0.13	0	1.84	2.41	3.75	3.97	3.63	3.61	1
4.17	3.74	3.24	2.66	2	1.34	0.77	0.37	0.13	0	2.04	2.4	3.74	3.91	3.61	3.59	1
4.17	3.75	3.25	2.66	2.01	1.35	0.78	0.38	0.13	0	2.15	2.38	3.74	3.87	3.62	3.58	1
4.18	3.75	3.26	2.67	2.01	1.35	0.78	0.38	0.13	0	2.05	2.4	3.73	3.87	3.62	3.57	1
4.19	3.75	3.26	2.68	2.02	1.36	0.79	0.38	0.13	0	1.53	2.49	3.74	3.9	3.61	3.54	0.99
4.19	3.76	3.27	2.69	2.03	1.36	0.79	0.39	0.14	0	1.9	2.34	3.74	3.97	3.6	3.58	0.99
4.2	3.77	3.28	2.69	2.03	1.37	0.8	0.39	0.14	0	2.04	2.34	3.76	4.02	3.62	3.58	0.99
4.2	3.77	3.29	2.71	2.04	1.38	0.8	0.39	0.14	0	1.75	2.26	3.75	3.99	3.62	3.57	0.99
4.21	3.78	3.3	2.72	2.05	1.39	0.8	0.39	0.14	0	1.2	2.24	3.75	3.98	3.62	3.56	0.98
4.22	3.79	3.31	2.73	2.07	1.39	0.81	0.39	0.14	0	1.63	2.38	3.74	3.94	3.6	3.57	0.98
4.23	3.8	3.32	2.75	2.08	1.4	0.81	0.39	0.14	0	1.84	2.38	3.72	3.91	3.6	3.55	0.98
4.25	3.82	3.34	2.77	2.09	1.41	0.81	0.4	0.14	0	2.02	2.47	3.74	3.93	3.6	3.56	0.98
4.27	3.84	3.36	2.79	2.11	1.42	0.82	0.4	0.14	0	2.01	2.39	3.75	3.98	3.6	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.29	3.87	3.38	2.8	2.12	1.42	0.82	0.4	0.14	0	1.73	2.02	3.74	4.04	3.62	3.56	0.98
4.32	3.89	3.4	2.82	2.14	1.43	0.82	0.4	0.14	0	1.69	2.3	3.75	4.09	3.61	3.58	0.98
4.35	3.91	3.42	2.84	2.15	1.44	0.83	0.4	0.14	0	1.82	2.37	3.77	4.09	3.64	3.57	0.98
4.37	3.93	3.44	2.86	2.16	1.45	0.83	0.41	0.14	0	2.32	2.29	3.76	4.13	3.64	3.58	0.98
4.39	3.95	3.46	2.87	2.18	1.46	0.84	0.41	0.14	0	2.22	2.32	3.76	4.13	3.62	3.59	0.98
4.41	3.97	3.47	2.89	2.19	1.47	0.85	0.41	0.14	0	1.99	2.25	3.76	4.04	3.64	3.59	0.98
4.43	3.99	3.49	2.9	2.2	1.48	0.85	0.42	0.15	0	1.79	2.38	3.73	3.94	3.6	3.57	0.98
4.46	4.01	3.51	2.91	2.21	1.49	0.86	0.42	0.15	0	2.26	2.39	3.71	3.83	3.59	3.57	0.98
4.48	4.04	3.53	2.93	2.22	1.5	0.87	0.42	0.15	0	2.23	2.41	3.72	3.83	3.6	3.58	0.98
4.51	4.06	3.55	2.94	2.23	1.51	0.87	0.43	0.15	0	1.96	2.34	3.73	3.91	3.6	3.57	0.98
4.54	4.08	3.56	2.96	2.24	1.51	0.88	0.43	0.15	0	1.52	2.29	3.74	3.99	3.61	3.54	0.98
4.56	4.11	3.58	2.97	2.25	1.52	0.88	0.43	0.15	0	1.93	2.45	3.75	4.07	3.64	3.57	0.98
4.58	4.12	3.6	2.98	2.27	1.53	0.89	0.43	0.15	0	2.13	2.53	3.75	4.1	3.63	3.58	0.98
4.6	4.14	3.61	3	2.28	1.54	0.89	0.43	0.15	0	2.19	2.45	3.76	4.11	3.61	3.58	0.98
4.6	4.15	3.63	3.01	2.29	1.55	0.9	0.44	0.15	0	2.05	2.56	3.77	4.1	3.61	3.58	0.98
4.61	4.15	3.64	3.02	2.3	1.56	0.9	0.44	0.15	0	1.77	2.49	3.74	4.04	3.6	3.59	0.99
4.61	4.16	3.64	3.03	2.31	1.56	0.91	0.44	0.15	0	2.1	2.06	3.73	3.94	3.6	3.57	0.99
4.61	4.16	3.65	3.04	2.32	1.57	0.91	0.44	0.15	0	2.17	2.21	3.72	3.88	3.62	3.57	0.99
4.61	4.16	3.65	3.04	2.32	1.57	0.91	0.44	0.15	0	1.96	2.39	3.73	3.9	3.63	3.54	0.99
4.61	4.16	3.65	3.04	2.32	1.57	0.9	0.44	0.15	0	1.92	2.52	3.74	4.01	3.61	3.58	0.99
4.61	4.16	3.65	3.03	2.31	1.56	0.9	0.43	0.15	0	2.24	2.42	3.75	4.06	3.62	3.6	0.99
4.61	4.15	3.64	3.02	2.3	1.55	0.89	0.43	0.14	0	1.87	2.51	3.75	4.08	3.62	3.57	0.99
4.6	4.14	3.62	3	2.28	1.53	0.88	0.42	0.14	0	1.5	2.57	3.75	4.08	3.61	3.6	0.99
4.6	4.13	3.61	2.98	2.26	1.52	0.87	0.41	0.14	0	1.72	2.66	3.76	4.06	3.62	3.59	0.99
4.59	4.13	3.59	2.96	2.24	1.5	0.85	0.4	0.14	0	1.75	2.38	3.74	3.99	3.61	3.58	0.99
4.59	4.12	3.58	2.94	2.22	1.48	0.84	0.4	0.13	0	1.6	2.08	3.73	3.86	3.64	3.58	0.99
4.59	4.11	3.56	2.92	2.2	1.46	0.83	0.39	0.13	0	1.63	2.29	3.72	3.77	3.62	3.57	0.99
4.59	4.11	3.55	2.91	2.18	1.45	0.82	0.38	0.13	0	1.87	2.47	3.72	3.74	3.6	3.59	0.99
4.59	4.1	3.54	2.89	2.17	1.43	0.81	0.38	0.13	0	1.81	2.25	3.72	3.81	3.59	3.57	0.99
4.6	4.1	3.54	2.88	2.15	1.42	0.8	0.37	0.12	0	2.05	2.35	3.74	3.95	3.61	3.56	0.99
4.6	4.1	3.53	2.87	2.14	1.41	0.8	0.37	0.12	0	1.62	2.42	3.75	4.07	3.61	3.57	0.99
4.59	4.09	3.52	2.86	2.13	1.4	0.79	0.37	0.12	0	2.15	2.41	3.74	4.12	3.62	3.61	0.99
4.59	4.09	3.52	2.85	2.12	1.39	0.78	0.36	0.12	0	2.22	2.31	3.75	4.12	3.62	3.61	0.99
4.58	4.09	3.51	2.85	2.11	1.38	0.78	0.36	0.12	0	1.58	2.49	3.74	4.05	3.62	3.61	0.99
4.58	4.08	3.51	2.84	2.1	1.37	0.77	0.35	0.12	0	2.22	2.64	3.75	3.92	3.62	3.61	0.99
4.57	4.08	3.5	2.83	2.09	1.36	0.76	0.35	0.12	0	2.3	2.39	3.74	3.88	3.6	3.57	0.99
4.57	4.07	3.5	2.83	2.08	1.35	0.75	0.35	0.11	0	2.02	2.08	3.74	3.9	3.59	3.58	0.99
4.56	4.06	3.49	2.82	2.08	1.34	0.75	0.34	0.11	0	1.69	2.08	3.73	3.98	3.62	3.58	0.99
4.55	4.06	3.48	2.81	2.07	1.34	0.74	0.34	0.11	0	2	2.43	3.74	4.05	3.6	3.58	0.99
4.54	4.05	3.48	2.81	2.06	1.33	0.73	0.33	0.11	0	1.71	2.52	3.75	4.13	3.62	3.62	0.99
4.53	4.04	3.47	2.8	2.06	1.32	0.73	0.33	0.11	0	2.32	2.54	3.74	4.17	3.61	3.63	0.99
4.52	4.03	3.46	2.79	2.05	1.32	0.73	0.33	0.11	0	2.55	2.35	3.74	4.13	3.6	3.65	0.99
4.5	4.02	3.45	2.79	2.05	1.32	0.72	0.33	0.11	0	2.44	2.09	3.75	4.11	3.62	3.65	0.98
4.49	4.01	3.45	2.78	2.04	1.31	0.72	0.33	0.1	0	1.42	2.34	3.73	4	3.64	3.6	0.98
4.48	4	3.44	2.78	2.04	1.31	0.71	0.33	0.1	0	2.34	2.35	3.72	3.84	3.59	3.55	0.98
4.48	4	3.44	2.77	2.03	1.3	0.71	0.33	0.1	0	2.42	2.39	3.72	3.71	3.6	3.57	0.99
4.49	4	3.44	2.77	2.03	1.3	0.71	0.32	0.1	0	2.25	2.24	3.72	3.71	3.59	3.55	0.99
4.49	4.01	3.44	2.76	2.02	1.29	0.7	0.32	0.1	0	2.13	2.35	3.72	3.71	3.59	3.56	0.99
4.51	4.02	3.44	2.76	2.01	1.28	0.7	0.32	0.1	0	1.9	2.1	3.73	3.76	3.58	3.57	0.99
4.52	4.03	3.45	2.76	2	1.27	0.69	0.31	0.1	0	1.89	2.39	3.75	3.9	3.6	3.59	0.99
4.54	4.04	3.45	2.75	1.99	1.26	0.69	0.31	0.1	0	2.13	2.4	3.76	4.03	3.64	3.58	0.99
4.55	4.05	3.45	2.75	1.99	1.26	0.69	0.31	0.1	0	2.25	2.41	3.77	4.08	3.64	3.59	0.99
4.56	4.05	3.46	2.75	1.98	1.25	0.68	0.31	0.1	0	2.22	2.4	3.76	4.05	3.65	3.59	0.99
4.57	4.06	3.46	2.75	1.98	1.25	0.68	0.31	0.1	0	2.22	2.41	3.75	3.93	3.63	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.57	4.06	3.46	2.75	1.98	1.25	0.68	0.31	0.1	0	1.78	2.38	3.74	3.81	3.61	3.58	0.99
4.57	4.06	3.46	2.75	1.98	1.25	0.68	0.31	0.1	0	1.81	2.28	3.73	3.72	3.61	3.59	0.99
4.58	4.06	3.46	2.75	1.98	1.25	0.68	0.31	0.1	0	2.24	2.25	3.73	3.71	3.61	3.59	0.99
4.58	4.06	3.46	2.75	1.99	1.25	0.68	0.31	0.1	0	2.28	2.07	3.72	3.73	3.6	3.58	0.99
4.59	4.07	3.46	2.75	1.99	1.25	0.68	0.31	0.1	0	2.07	2.28	3.74	3.8	3.6	3.56	0.99
4.59	4.07	3.47	2.76	1.99	1.26	0.69	0.31	0.1	0	1.85	2.55	3.75	3.9	3.63	3.58	0.99
4.6	4.08	3.47	2.76	1.99	1.26	0.69	0.32	0.1	0	2.19	2.46	3.75	3.96	3.61	3.58	0.99
4.61	4.09	3.48	2.77	2	1.27	0.69	0.32	0.1	0	2.29	2.52	3.75	3.92	3.64	3.58	0.99
4.61	4.09	3.48	2.77	2	1.27	0.7	0.32	0.1	0	2	2.51	3.74	3.86	3.64	3.56	0.99
4.61	4.09	3.49	2.78	2.01	1.28	0.7	0.33	0.1	0	1.99	2.21	3.72	3.86	3.61	3.57	0.99
4.6	4.09	3.49	2.79	2.02	1.29	0.71	0.33	0.1	0	2.13	2.28	3.73	3.85	3.62	3.59	0.99
4.6	4.09	3.5	2.8	2.03	1.3	0.71	0.33	0.1	0	1.92	2.11	3.72	3.92	3.62	3.58	0.99
4.6	4.09	3.5	2.81	2.04	1.3	0.72	0.34	0.1	0	1.87	2.01	3.73	3.94	3.62	3.6	0.99
4.59	4.09	3.5	2.81	2.05	1.31	0.73	0.34	0.11	0	1.89	2.3	3.73	3.93	3.61	3.58	0.99
4.59	4.09	3.5	2.81	2.05	1.32	0.73	0.34	0.11	0	1.93	2.4	3.74	4.01	3.62	3.58	0.99
4.58	4.08	3.5	2.81	2.05	1.32	0.74	0.35	0.11	0	1.77	2.43	3.74	4.03	3.61	3.57	0.99
4.56	4.07	3.49	2.8	2.05	1.32	0.74	0.35	0.11	0	1.57	2.4	3.76	4.03	3.63	3.59	0.99
4.54	4.05	3.47	2.79	2.05	1.33	0.74	0.35	0.12	0	2.12	2.3	3.74	4.02	3.61	3.57	0.98
4.51	4.02	3.45	2.78	2.04	1.32	0.74	0.35	0.12	0	1.73	2.35	3.75	4.03	3.6	3.58	0.98
4.48	3.99	3.42	2.76	2.04	1.32	0.74	0.35	0.12	0	1.85	2.59	3.76	4.05	3.62	3.6	0.98
4.44	3.96	3.4	2.74	2.03	1.32	0.74	0.35	0.12	0	2.23	2.59	3.74	4.04	3.62	3.58	0.98
4.4	3.93	3.37	2.73	2.02	1.31	0.74	0.35	0.12	0	2	2.44	3.74	3.96	3.62	3.6	0.98
4.37	3.9	3.35	2.71	2.01	1.31	0.73	0.35	0.12	0	2.17	2.44	3.74	3.83	3.6	3.59	0.98
4.34	3.87	3.33	2.69	1.99	1.3	0.73	0.35	0.12	0	2.46	2.19	3.73	3.71	3.59	3.55	0.98
4.32	3.85	3.31	2.68	1.98	1.3	0.73	0.34	0.12	0	2.29	1.95	3.72	3.73	3.59	3.55	0.98
4.3	3.84	3.3	2.67	1.97	1.29	0.73	0.34	0.11	0	1.88	1.98	3.73	3.73	3.58	3.56	0.98
4.29	3.83	3.29	2.65	1.96	1.29	0.73	0.34	0.11	0	2.18	2.3	3.73	3.76	3.59	3.59	0.98
4.28	3.81	3.28	2.64	1.95	1.29	0.73	0.34	0.11	0	1.74	2.17	3.76	3.91	3.61	3.59	0.98
4.26	3.8	3.27	2.64	1.95	1.28	0.73	0.34	0.11	0	2.19	2.31	3.77	4.01	3.62	3.58	0.98
4.25	3.79	3.26	2.63	1.95	1.29	0.73	0.34	0.12	0	2.38	2.41	3.76	4.09	3.63	3.61	0.98
4.23	3.78	3.25	2.63	1.95	1.29	0.74	0.35	0.12	0	2.28	2.47	3.76	4.06	3.63	3.6	0.99
4.21	3.76	3.24	2.63	1.96	1.3	0.74	0.35	0.12	0	1.96	2.55	3.75	3.94	3.61	3.56	0.99
4.2	3.75	3.24	2.64	1.97	1.31	0.75	0.36	0.12	0	1.92	2.48	3.74	3.75	3.6	3.55	0.99
4.18	3.75	3.25	2.65	1.99	1.32	0.76	0.36	0.12	0	2.28	2.15	3.72	3.75	3.6	3.55	0.99
4.18	3.75	3.25	2.66	2	1.34	0.77	0.37	0.12	0	2.35	1.58	3.73	3.8	3.6	3.58	0.99
4.18	3.75	3.26	2.68	2.02	1.35	0.78	0.37	0.13	0	2.19	1.95	3.73	3.77	3.6	3.56	0.99
4.18	3.75	3.27	2.69	2.04	1.36	0.78	0.38	0.13	0	1.71	2.38	3.73	3.71	3.62	3.57	0.99
4.18	3.76	3.28	2.71	2.05	1.38	0.79	0.38	0.13	0	1.93	2.18	3.75	3.87	3.63	3.57	0.99
4.18	3.76	3.28	2.72	2.06	1.39	0.8	0.38	0.13	0	2.11	1.84	3.76	4.02	3.63	3.56	0.99
4.18	3.76	3.29	2.73	2.07	1.4	0.8	0.39	0.13	0	2.33	2.38	3.77	4.08	3.65	3.57	0.99
4.17	3.76	3.29	2.73	2.08	1.4	0.81	0.39	0.13	0	2.19	2.36	3.76	4.06	3.66	3.58	0.99
4.16	3.76	3.29	2.74	2.09	1.41	0.81	0.39	0.14	0	1.76	2.22	3.75	3.98	3.64	3.59	0.99
4.16	3.75	3.3	2.75	2.1	1.42	0.81	0.39	0.14	0	1.89	2.35	3.75	3.92	3.62	3.57	0.99
4.15	3.75	3.3	2.75	2.11	1.42	0.82	0.4	0.14	0	1.97	2	3.73	3.92	3.61	3.56	0.99
4.15	3.75	3.3	2.76	2.12	1.43	0.82	0.4	0.14	0	1.97	2.06	3.74	3.95	3.62	3.61	0.99
4.14	3.75	3.3	2.76	2.12	1.43	0.82	0.4	0.14	0	1.62	2.25	3.75	3.95	3.63	3.57	0.99
4.14	3.74	3.29	2.75	2.11	1.42	0.82	0.4	0.14	0	1.63	2.5	3.73	3.9	3.59	3.59	0.99
4.14	3.74	3.29	2.74	2.09	1.42	0.81	0.39	0.14	0	2.24	2.49	3.75	3.9	3.6	3.57	0.99
4.15	3.74	3.28	2.73	2.08	1.4	0.81	0.39	0.13	0	1.99	2.19	3.75	3.92	3.58	3.59	0.99
4.16	3.74	3.28	2.71	2.06	1.39	0.8	0.39	0.13	0	2.03	2.39	3.77	3.92	3.6	3.58	0.99
4.16	3.74	3.27	2.7	2.05	1.38	0.8	0.38	0.13	0	2.11	2.51	3.76	3.94	3.61	3.6	0.99
4.17	3.74	3.26	2.69	2.03	1.37	0.79	0.38	0.13	0	2.22	2.42	3.76	4	3.61	3.57	0.99
4.17	3.74	3.25	2.67	2.02	1.36	0.79	0.37	0.13	0	2.33	2.37	3.76	4	3.63	3.56	0.99
4.17	3.73	3.24	2.66	2.01	1.35	0.78	0.37	0.13	0	2.19	2.31	3.76	3.93	3.63	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.16	3.73	3.24	2.66	2.01	1.35	0.78	0.37	0.13	0	1.58	2.4	3.73	3.81	3.63	3.59	0.99
4.16	3.72	3.23	2.65	2	1.34	0.77	0.37	0.13	0	2.19	2.27	3.72	3.74	3.6	3.58	0.99
4.15	3.72	3.23	2.64	1.99	1.33	0.77	0.36	0.13	0	2.34	2.01	3.72	3.79	3.61	3.58	0.98
4.15	3.72	3.22	2.64	1.99	1.33	0.76	0.36	0.13	0	2.28	2.17	3.71	3.79	3.61	3.56	0.98
4.15	3.71	3.22	2.63	1.98	1.32	0.75	0.36	0.12	0	1.64	2.55	3.74	3.74	3.62	3.55	0.98
4.15	3.71	3.21	2.63	1.97	1.31	0.75	0.35	0.12	0	1.42	2.28	3.75	3.84	3.62	3.57	0.98
4.15	3.71	3.21	2.62	1.96	1.3	0.74	0.35	0.12	0	1.95	2	3.77	4.03	3.65	3.58	0.98
4.15	3.71	3.21	2.62	1.96	1.3	0.74	0.35	0.12	0	2.29	2.36	3.77	4.11	3.64	3.58	0.98
4.15	3.71	3.21	2.62	1.96	1.29	0.74	0.34	0.12	0	2.36	2.49	3.77	4.16	3.65	3.58	0.98
4.14	3.7	3.21	2.62	1.96	1.29	0.73	0.34	0.12	0	2.3	2.54	3.78	4.08	3.65	3.6	0.97
4.14	3.7	3.21	2.62	1.96	1.29	0.73	0.34	0.11	0	1.94	2.38	3.76	4.03	3.62	3.57	0.97
4.13	3.7	3.21	2.62	1.96	1.29	0.73	0.34	0.11	0	1.81	2.34	3.73	3.88	3.6	3.57	0.97
4.13	3.7	3.21	2.63	1.96	1.29	0.72	0.34	0.11	0	2.3	2.36	3.71	3.75	3.59	3.56	0.97
4.14	3.71	3.22	2.63	1.97	1.29	0.72	0.34	0.11	0	2.44	2.26	3.71	3.74	3.59	3.55	0.97
4.15	3.72	3.22	2.64	1.97	1.29	0.72	0.34	0.11	0	2.28	2.08	3.73	3.81	3.6	3.57	0.97
4.16	3.73	3.23	2.64	1.97	1.29	0.72	0.34	0.11	0	1.92	2.21	3.73	3.9	3.61	3.58	0.97
4.18	3.74	3.24	2.65	1.97	1.29	0.72	0.34	0.11	0	1.79	2.43	3.74	3.97	3.62	3.58	0.97
4.2	3.76	3.25	2.65	1.97	1.29	0.72	0.33	0.11	0	2.17	2.49	3.75	4.03	3.62	3.59	0.97
4.22	3.77	3.26	2.66	1.97	1.29	0.72	0.33	0.11	0	2.4	2.5	3.75	4.07	3.63	3.59	0.97
4.23	3.78	3.27	2.66	1.98	1.29	0.72	0.33	0.11	0	2.26	2.4	3.75	4.1	3.63	3.58	0.97
4.25	3.8	3.28	2.67	1.98	1.29	0.72	0.33	0.11	0	1.88	2.21	3.73	4.06	3.62	3.58	0.97
4.26	3.81	3.29	2.68	1.99	1.29	0.72	0.33	0.11	0	1.91	2.05	3.75	4	3.63	3.57	0.98
4.27	3.82	3.31	2.69	1.99	1.3	0.71	0.33	0.1	0	2.16	2.19	3.73	3.93	3.6	3.57	0.98
4.29	3.84	3.32	2.7	2	1.3	0.71	0.33	0.1	0	2.27	2.36	3.73	3.87	3.61	3.57	0.98
4.32	3.87	3.34	2.72	2.01	1.3	0.71	0.33	0.1	0	2.2	2.29	3.73	3.9	3.61	3.56	0.99
4.35	3.9	3.37	2.73	2.02	1.3	0.71	0.32	0.1	0	2.1	2.21	3.75	3.88	3.61	3.57	0.99
4.39	3.93	3.39	2.75	2.03	1.3	0.71	0.32	0.1	0	1.96	2.43	3.75	3.93	3.61	3.56	0.99
4.42	3.96	3.42	2.77	2.03	1.3	0.71	0.32	0.1	0	1.83	2.35	3.75	3.93	3.63	3.58	1
4.46	3.99	3.44	2.78	2.04	1.3	0.7	0.32	0.1	0	2.27	1.56	3.75	3.97	3.64	3.59	1
4.49	4.01	3.46	2.79	2.04	1.3	0.7	0.31	0.1	0	2.23	1.81	3.76	4.04	3.67	3.58	1
4.51	4.03	3.47	2.8	2.04	1.29	0.69	0.31	0.09	0	2.16	1.91	3.77	4.05	3.65	3.61	1.01
4.52	4.04	3.48	2.8	2.03	1.29	0.69	0.31	0.09	0	1.98	2.02	3.77	4.07	3.63	3.62	1
4.52	4.04	3.48	2.8	2.03	1.28	0.68	0.3	0.09	0	1.94	2.28	3.76	4.03	3.62	3.59	1
4.51	4.04	3.47	2.8	2.02	1.28	0.67	0.3	0.09	0	2.18	2.53	3.75	3.94	3.63	3.59	1
4.5	4.03	3.47	2.79	2.02	1.27	0.67	0.3	0.09	0	2.15	2.35	3.76	3.92	3.62	3.58	0.99
4.49	4.02	3.46	2.78	2.01	1.27	0.67	0.29	0.09	0	2.48	1.59	3.74	3.92	3.6	3.57	0.99
4.48	4.01	3.45	2.77	2	1.26	0.66	0.29	0.09	0	2.17	1.98	3.75	3.98	3.58	3.6	0.98
4.48	4.01	3.44	2.77	2	1.26	0.66	0.29	0.09	0	1.91	2.27	3.76	4.05	3.59	3.63	0.97
4.48	4.01	3.44	2.76	2	1.25	0.66	0.29	0.09	0	2.39	2.34	3.75	4.15	3.62	3.66	0.97
4.49	4.02	3.44	2.76	1.99	1.25	0.66	0.29	0.09	0	2.48	2.17	3.74	4.13	3.61	3.67	0.96
4.5	4.02	3.44	2.75	1.98	1.24	0.65	0.28	0.08	0	2.31	2.26	3.73	4.12	3.61	3.66	0.96
4.52	4.03	3.44	2.74	1.97	1.23	0.65	0.28	0.08	0	1.62	2.22	3.74	4.09	3.61	3.62	0.96
4.54	4.04	3.44	2.74	1.96	1.22	0.64	0.28	0.08	0	2.34	2.17	3.75	4.06	3.6	3.58	0.95
4.57	4.05	3.44	2.73	1.94	1.2	0.63	0.27	0.08	0	2.22	2.28	3.73	4.02	3.59	3.57	0.95
4.58	4.06	3.44	2.72	1.93	1.19	0.62	0.27	0.08	0	1.95	2.3	3.72	3.98	3.59	3.55	0.95
4.6	4.07	3.44	2.71	1.91	1.18	0.61	0.26	0.08	0	1.72	2.05	3.74	4	3.61	3.57	0.95
4.61	4.08	3.44	2.7	1.9	1.17	0.61	0.26	0.07	0	2.03	2.36	3.74	4.04	3.61	3.57	0.95
4.62	4.08	3.44	2.69	1.89	1.16	0.6	0.26	0.07	0	1.9	2.52	3.74	4.02	3.6	3.57	0.95
4.62	4.08	3.43	2.69	1.88	1.15	0.6	0.25	0.07	0	1.86	2.39	3.73	4.01	3.6	3.54	0.95
4.62	4.08	3.43	2.68	1.87	1.14	0.59	0.25	0.07	0	1.99	2.3	3.72	3.92	3.61	3.55	0.95
4.62	4.08	3.43	2.67	1.87	1.13	0.59	0.25	0.07	0	2.08	2.2	3.71	3.8	3.6	3.56	0.95
4.62	4.08	3.42	2.66	1.86	1.13	0.58	0.25	0.07	0	2.11	2.25	3.71	3.8	3.58	3.55	0.96
4.62	4.07	3.41	2.65	1.85	1.12	0.58	0.25	0.07	0	1.89	2.34	3.7	3.88	3.6	3.52	0.96
4.61	4.06	3.4	2.64	1.83	1.11	0.57	0.24	0.07	0	1.69	2.43	3.73	3.98	3.59	3.56	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.6	4.05	3.39	2.62	1.82	1.1	0.57	0.24	0.06	0	2.03	2.53	3.73	4.06	3.6	3.57	0.96
4.58	4.03	3.37	2.6	1.8	1.09	0.56	0.24	0.06	0	2.02	2.51	3.74	4.09	3.61	3.58	0.96
4.56	4.01	3.35	2.59	1.79	1.08	0.55	0.23	0.06	0	2.07	2.31	3.74	4.02	3.62	3.56	0.96
4.54	3.98	3.33	2.57	1.77	1.07	0.55	0.23	0.06	0	1.97	2.03	3.74	3.98	3.62	3.55	0.96
4.51	3.96	3.3	2.55	1.76	1.06	0.54	0.23	0.06	0	1.7	2.16	3.73	3.9	3.61	3.56	0.96
4.48	3.94	3.28	2.53	1.75	1.05	0.53	0.22	0.06	0	1.81	2.35	3.72	3.85	3.61	3.57	0.96
4.46	3.92	3.27	2.52	1.74	1.05	0.53	0.22	0.06	0	2.17	2.23	3.71	3.79	3.6	3.56	0.96
4.44	3.9	3.25	2.51	1.73	1.04	0.53	0.22	0.06	0	1.97	2.41	3.72	3.83	3.61	3.55	0.97
4.43	3.89	3.24	2.5	1.72	1.04	0.52	0.22	0.06	0	1.84	2.47	3.74	3.87	3.59	3.56	0.97
4.42	3.88	3.23	2.49	1.72	1.03	0.52	0.22	0.06	0	1.68	2.51	3.73	3.87	3.59	3.55	0.97
4.41	3.87	3.22	2.48	1.71	1.03	0.52	0.21	0.06	0	1.42	2.51	3.73	3.86	3.6	3.54	0.98
4.4	3.86	3.21	2.47	1.71	1.02	0.52	0.21	0.06	0	1.64	2.56	3.73	3.85	3.62	3.56	0.98
4.39	3.85	3.2	2.47	1.7	1.02	0.51	0.21	0.06	0	1.67	2.58	3.75	3.88	3.61	3.57	0.98
4.38	3.84	3.2	2.46	1.7	1.02	0.51	0.21	0.05	0	2.1	2.61	3.75	3.98	3.62	3.58	0.99
4.37	3.83	3.19	2.46	1.7	1.01	0.51	0.21	0.05	0	2.16	2.59	3.75	4.06	3.64	3.59	0.99
4.35	3.81	3.18	2.45	1.69	1.01	0.5	0.2	0.05	0	2	2.51	3.76	4.07	3.64	3.64	0.99
4.33	3.8	3.17	2.45	1.69	1.01	0.5	0.2	0.05	0	2.06	2.14	3.75	4.05	3.63	3.6	0.99
4.32	3.79	3.17	2.45	1.69	1.01	0.5	0.2	0.05	0	1.74	2.46	3.74	3.95	3.61	3.6	0.99
4.31	3.78	3.16	2.45	1.69	1.01	0.5	0.2	0.05	0	2.02	2.29	3.72	3.85	3.59	3.58	0.99
4.3	3.78	3.16	2.45	1.69	1.01	0.5	0.2	0.05	0	2.15	1.97	3.73	3.78	3.59	3.56	0.99
4.29	3.77	3.16	2.45	1.69	1	0.49	0.2	0.05	0	2.22	2.27	3.72	3.78	3.6	3.56	0.99
4.29	3.77	3.16	2.45	1.69	1	0.49	0.2	0.05	0	1.84	2.46	3.73	3.93	3.62	3.58	0.99
4.29	3.77	3.16	2.45	1.69	1	0.49	0.2	0.05	0	1.91	2.3	3.74	4.05	3.61	3.59	0.99
4.29	3.77	3.16	2.44	1.68	0.99	0.49	0.2	0.05	0	2.28	2.43	3.76	4.12	3.62	3.64	0.99
4.29	3.77	3.15	2.44	1.68	0.99	0.49	0.19	0.05	0	2.35	2.34	3.76	4.14	3.62	3.66	0.99
4.29	3.77	3.15	2.44	1.67	0.99	0.48	0.19	0.05	0	2.18	2.46	3.75	4.11	3.63	3.63	0.99
4.29	3.77	3.15	2.43	1.67	0.98	0.48	0.19	0.05	0	1.75	2.38	3.76	4	3.63	3.6	0.99
4.3	3.77	3.14	2.42	1.66	0.98	0.48	0.19	0.05	0	2.14	2.3	3.73	3.95	3.6	3.57	0.99
4.31	3.77	3.14	2.42	1.66	0.97	0.47	0.19	0.05	0	2.12	2.51	3.73	3.86	3.61	3.58	0.99
4.33	3.78	3.14	2.41	1.65	0.97	0.47	0.18	0.05	0	1.85	2.49	3.74	3.85	3.6	3.56	0.99
4.35	3.79	3.15	2.41	1.65	0.96	0.46	0.18	0.05	0	1.5	2.4	3.74	3.93	3.61	3.57	0.99
4.37	3.81	3.16	2.41	1.64	0.95	0.46	0.18	0.05	0	1.86	2.3	3.75	3.98	3.61	3.57	0.99
4.4	3.83	3.16	2.41	1.64	0.94	0.45	0.17	0.05	0	1.9	2.25	3.75	3.98	3.6	3.58	0.99
4.43	3.85	3.17	2.41	1.63	0.94	0.44	0.17	0.04	0	1.57	2.34	3.76	3.96	3.61	3.59	0.99
4.46	3.87	3.19	2.41	1.62	0.93	0.44	0.17	0.04	0	1.75	2.38	3.76	3.94	3.61	3.57	0.99
4.49	3.89	3.2	2.41	1.62	0.92	0.43	0.16	0.04	0	1.88	2.43	3.75	3.93	3.63	3.57	0.99
4.52	3.91	3.21	2.42	1.61	0.91	0.42	0.16	0.04	0	1.67	2.45	3.75	3.88	3.63	3.56	0.99
4.54	3.93	3.22	2.42	1.61	0.91	0.42	0.15	0.04	0	2.12	2.38	3.75	3.95	3.62	3.59	0.99
4.56	3.95	3.23	2.42	1.6	0.9	0.41	0.15	0.04	0	2.01	2.36	3.76	4.03	3.61	3.58	0.99
4.58	3.96	3.24	2.43	1.6	0.9	0.41	0.15	0.04	0	2.05	2.37	3.75	4.03	3.61	3.58	0.98
4.59	3.97	3.24	2.43	1.6	0.89	0.4	0.15	0.04	0	1.56	2.39	3.75	3.99	3.61	3.59	0.98
4.61	3.98	3.25	2.43	1.6	0.89	0.4	0.15	0.03	0	2.13	2.51	3.73	3.95	3.6	3.59	0.98
4.62	3.99	3.26	2.44	1.6	0.89	0.4	0.14	0.03	0	2.18	2.21	3.73	3.91	3.61	3.56	0.97
4.63	4	3.26	2.44	1.6	0.88	0.39	0.14	0.03	0	1.58	2.21	3.73	3.97	3.61	3.6	0.97
4.64	4.01	3.26	2.43	1.59	0.87	0.38	0.14	0.03	0	1.91	2.32	3.74	4.04	3.6	3.61	0.97
4.66	4.01	3.27	2.43	1.59	0.86	0.38	0.13	0.03	0	1.73	2.2	3.74	4.04	3.61	3.58	0.97
4.66	4.02	3.27	2.43	1.58	0.85	0.37	0.13	0.03	0	1.81	2.4	3.74	4.03	3.61	3.58	0.96
4.67	4.02	3.26	2.42	1.57	0.85	0.37	0.13	0.03	0	1.6	2.36	3.75	4.01	3.59	3.58	0.96
4.67	4.02	3.26	2.41	1.56	0.84	0.36	0.13	0.03	0	1.83	2.34	3.73	4.03	3.61	3.58	0.96
4.67	4.02	3.25	2.4	1.55	0.83	0.36	0.12	0.02	0	1.89	2.02	3.73	4	3.59	3.58	0.96
4.67	4.01	3.24	2.39	1.53	0.82	0.35	0.12	0.02	0	1.78	2.23	3.74	3.96	3.61	3.56	0.96
4.67	4.01	3.23	2.38	1.52	0.81	0.35	0.12	0.02	0	1.97	2.49	3.76	3.87	3.62	3.56	0.96
4.66	4	3.22	2.36	1.51	0.8	0.34	0.12	0.02	0	1.97	2.36	3.72	3.77	3.6	3.56	0.96
4.66	3.99	3.21	2.34	1.49	0.79	0.34	0.12	0.02	0	2.15	2.13	3.73	3.74	3.61	3.56	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.65	3.98	3.19	2.32	1.47	0.78	0.33	0.11	0.02	0	1.9	2.2	3.73	3.8	3.63	3.57	0.96
4.64	3.96	3.17	2.3	1.45	0.76	0.33	0.11	0.02	0	1.54	2.39	3.74	3.9	3.63	3.61	0.97
4.63	3.94	3.15	2.28	1.43	0.75	0.32	0.11	0.02	0	1.88	2.35	3.74	3.97	3.61	3.59	0.97
4.61	3.92	3.12	2.25	1.41	0.74	0.31	0.1	0.02	0	2.05	2.18	3.75	3.97	3.62	3.59	0.97
4.59	3.9	3.1	2.23	1.39	0.72	0.3	0.1	0.02	0	2.03	2.22	3.75	3.9	3.63	3.59	0.98
4.56	3.87	3.07	2.21	1.38	0.71	0.3	0.1	0.02	0	2.04	2.44	3.76	3.79	3.63	3.59	0.98
4.54	3.85	3.05	2.19	1.36	0.7	0.29	0.1	0.01	0	1.6	2.44	3.74	3.72	3.65	3.56	0.98
4.51	3.83	3.03	2.17	1.34	0.69	0.28	0.09	0.01	0	1.88	2.08	3.73	3.75	3.63	3.57	0.99
4.5	3.81	3.02	2.15	1.33	0.68	0.28	0.09	0.01	0	2.41	1.96	3.75	3.74	3.61	3.6	0.99
4.48	3.79	3	2.14	1.32	0.67	0.28	0.09	0.01	0	2.28	2.15	3.74	3.79	3.61	3.59	0.99
4.46	3.78	2.99	2.13	1.3	0.66	0.27	0.09	0.01	0	1.62	2.32	3.75	3.96	3.63	3.59	1
4.44	3.76	2.97	2.11	1.29	0.65	0.27	0.09	0.01	0	2.28	2.49	3.76	4.04	3.63	3.61	1
4.42	3.74	2.95	2.1	1.28	0.65	0.27	0.09	0.01	0	2.43	2.65	3.78	4.09	3.63	3.63	1
4.4	3.72	2.93	2.08	1.27	0.64	0.27	0.09	0.01	0	1.99	2.44	3.76	4.02	3.61	3.62	1
4.38	3.7	2.92	2.06	1.25	0.63	0.27	0.09	0.01	0	1.66	2.11	3.75	3.92	3.6	3.58	1.01
4.35	3.67	2.9	2.05	1.24	0.63	0.27	0.09	0.01	0	2	2.19	3.75	3.8	3.61	3.56	1.01
4.33	3.66	2.88	2.04	1.24	0.63	0.27	0.09	0.02	0	1.81	2.24	3.75	3.73	3.6	3.59	1.01
4.31	3.64	2.86	2.02	1.23	0.62	0.27	0.1	0.02	0	2.07	2.36	3.74	3.72	3.62	3.58	1.01
4.3	3.62	2.85	2.01	1.22	0.62	0.27	0.1	0.02	0	2.12	2.37	3.75	3.73	3.61	3.59	1.01
4.3	3.61	2.83	1.99	1.21	0.62	0.27	0.1	0.02	0	1.45	2.28	3.76	3.8	3.63	3.6	1.01
4.29	3.61	2.82	1.98	1.2	0.61	0.27	0.1	0.02	0	1.57	2.37	3.75	3.86	3.62	3.61	1.01
4.29	3.6	2.81	1.97	1.2	0.61	0.27	0.09	0.02	0	1.73	2.29	3.76	3.92	3.64	3.61	1.01
4.29	3.59	2.8	1.96	1.19	0.61	0.27	0.1	0.02	0	1.69	1.97	3.77	3.92	3.63	3.59	1.01
4.29	3.59	2.79	1.95	1.18	0.61	0.27	0.1	0.02	0	1.92	2.25	3.76	3.89	3.63	3.6	1.01
4.28	3.58	2.78	1.94	1.18	0.61	0.27	0.1	0.02	0	1.79	2.48	3.75	3.9	3.63	3.58	1
4.27	3.57	2.77	1.94	1.18	0.61	0.27	0.1	0.02	0	1.9	2.63	3.74	3.94	3.62	3.59	1
4.25	3.56	2.77	1.94	1.18	0.61	0.27	0.1	0.02	0	2.08	2.59	3.74	3.95	3.64	3.62	1
4.23	3.55	2.76	1.94	1.18	0.61	0.27	0.1	0.02	0	1.82	2.52	3.76	3.87	3.65	3.6	1
4.22	3.54	2.76	1.94	1.19	0.62	0.27	0.1	0.02	0	1.79	2.55	3.75	3.78	3.63	3.59	0.99
4.21	3.53	2.76	1.94	1.19	0.62	0.27	0.1	0.03	0	2.01	2.33	3.74	3.72	3.6	3.57	0.99
4.21	3.53	2.76	1.94	1.19	0.62	0.27	0.11	0.03	0	2.16	1.94	3.74	3.72	3.6	3.57	0.99
4.21	3.53	2.76	1.94	1.19	0.62	0.28	0.11	0.03	0	2.06	2.05	3.74	3.75	3.59	3.57	0.98
4.21	3.53	2.76	1.94	1.19	0.62	0.28	0.11	0.03	0	1.87	2.24	3.75	3.82	3.63	3.57	0.98
4.22	3.53	2.76	1.94	1.19	0.62	0.28	0.11	0.03	0	1.85	2.35	3.76	3.98	3.62	3.58	0.98
4.22	3.53	2.76	1.94	1.19	0.62	0.28	0.11	0.03	0	2.31	2.29	3.75	4.04	3.61	3.58	0.97
4.21	3.53	2.76	1.94	1.19	0.63	0.28	0.1	0.03	0	2.26	2.2	3.77	4.07	3.63	3.59	0.97
4.21	3.53	2.76	1.94	1.19	0.63	0.28	0.1	0.03	0	1.5	2.27	3.75	4	3.64	3.59	0.97
4.2	3.53	2.75	1.94	1.19	0.63	0.28	0.1	0.03	0	2.2	1.8	3.74	3.94	3.63	3.55	0.96
4.2	3.52	2.75	1.94	1.19	0.63	0.28	0.1	0.03	0	2.26	2.35	3.73	3.87	3.58	3.54	0.96
4.2	3.52	2.75	1.94	1.19	0.63	0.28	0.1	0.02	0	2.08	2.28	3.73	3.95	3.59	3.56	0.96
4.2	3.52	2.75	1.94	1.2	0.63	0.28	0.1	0.02	0	2.27	2.07	3.74	4.04	3.61	3.6	0.96
4.2	3.52	2.75	1.94	1.2	0.63	0.28	0.1	0.02	0	2.33	1.89	3.74	4.1	3.62	3.62	0.96
4.21	3.53	2.76	1.95	1.2	0.63	0.27	0.1	0.02	0	2.19	2.28	3.76	4.11	3.6	3.61	0.96
4.22	3.54	2.77	1.96	1.2	0.63	0.27	0.09	0.02	0	1.65	2.59	3.74	4.12	3.6	3.61	0.96
4.23	3.55	2.78	1.96	1.21	0.63	0.27	0.09	0.01	0	1.98	2.45	3.74	4.06	3.6	3.61	0.96
4.25	3.57	2.79	1.97	1.21	0.63	0.27	0.09	0.01	0	2.14	2.53	3.75	4.02	3.62	3.59	0.96
4.26	3.58	2.81	1.98	1.22	0.63	0.27	0.09	0.01	0	1.63	2.42	3.74	3.99	3.63	3.57	0.96
4.28	3.6	2.82	2	1.22	0.63	0.27	0.09	0.01	0	1.81	2.4	3.75	3.94	3.62	3.57	0.96
4.29	3.61	2.84	2.01	1.23	0.64	0.27	0.09	0.01	0	1.54	2.43	3.75	3.93	3.65	3.6	0.96
4.31	3.63	2.85	2.03	1.24	0.64	0.27	0.09	0.01	0	1.71	2.17	3.74	3.91	3.66	3.6	0.96
4.31	3.64	2.87	2.04	1.25	0.65	0.27	0.09	0.01	0	1.75	2.41	3.74	3.9	3.62	3.61	0.96
4.32	3.65	2.88	2.06	1.27	0.66	0.28	0.09	0.01	0	2.03	2.28	3.75	3.85	3.65	3.65	0.97
4.33	3.66	2.9	2.07	1.28	0.66	0.28	0.09	0.01	0	2.11	2.15	3.74	3.87	3.63	3.62	0.97
4.33	3.68	2.91	2.09	1.29	0.67	0.28	0.1	0.01	0	1.43	2.08	3.74	3.87	3.64	3.61	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.34	3.69	2.93	2.1	1.3	0.68	0.29	0.1	0.01	0	1.63	2.17	3.73	3.82	3.62	3.58	0.97
4.35	3.7	2.94	2.11	1.31	0.68	0.29	0.1	0.01	0	1.79	2.46	3.74	3.79	3.63	3.6	0.97
4.37	3.72	2.96	2.13	1.32	0.69	0.29	0.1	0.01	0	1.82	2.37	3.73	3.75	3.61	3.6	0.97
4.38	3.74	2.98	2.14	1.33	0.69	0.29	0.1	0.01	0	1.87	2.33	3.73	3.78	3.6	3.6	0.97
4.41	3.76	2.99	2.15	1.34	0.7	0.3	0.1	0.01	0	2.08	2.44	3.74	3.83	3.63	3.59	0.97
4.43	3.78	3.01	2.16	1.34	0.7	0.3	0.1	0.01	0	1.48	2.47	3.75	3.92	3.63	3.61	0.98
4.46	3.8	3.02	2.17	1.35	0.7	0.3	0.1	0.01	0	1.58	2.41	3.76	3.97	3.62	3.62	0.98
4.49	3.82	3.03	2.18	1.35	0.7	0.3	0.1	0.01	0	1.61	1.99	3.76	3.98	3.63	3.6	0.98
4.51	3.84	3.04	2.18	1.35	0.7	0.3	0.1	0.01	0	1.67	2.22	3.74	3.97	3.62	3.58	0.99
4.53	3.85	3.05	2.18	1.35	0.7	0.3	0.1	0.01	0	1.75	2.41	3.75	3.96	3.62	3.58	0.99
4.55	3.86	3.05	2.18	1.35	0.7	0.3	0.11	0.02	0	1.92	2.31	3.74	3.96	3.62	3.57	0.99
4.55	3.86	3.04	2.17	1.34	0.7	0.3	0.11	0.02	0	1.9	2.36	3.74	4.01	3.62	3.57	0.99
4.55	3.85	3.03	2.16	1.34	0.7	0.3	0.11	0.02	0	1.67	2.51	3.75	4.01	3.62	3.55	0.99
4.55	3.85	3.02	2.15	1.33	0.7	0.3	0.11	0.02	0	1.85	2.52	3.74	3.98	3.62	3.56	0.99
4.54	3.83	3.01	2.13	1.32	0.69	0.3	0.11	0.02	0	2.39	2.48	3.75	3.97	3.63	3.6	0.99
4.53	3.82	2.99	2.12	1.31	0.69	0.3	0.11	0.02	0	1.93	2.27	3.74	3.96	3.59	3.57	0.98
4.52	3.81	2.98	2.11	1.31	0.7	0.31	0.12	0.02	0	2.19	2.28	3.73	3.99	3.61	3.58	0.98
4.51	3.79	2.96	2.09	1.3	0.7	0.31	0.12	0.02	0	1.8	2.35	3.76	4.07	3.6	3.61	0.98
4.5	3.77	2.95	2.08	1.3	0.7	0.32	0.12	0.03	0	2.34	2.07	3.73	4.15	3.6	3.62	0.98
4.49	3.76	2.93	2.07	1.3	0.7	0.32	0.12	0.03	0	2.5	2.19	3.75	4.1	3.6	3.6	0.98
4.48	3.75	2.92	2.06	1.29	0.7	0.32	0.12	0.03	0	1.85	2.44	3.73	4.06	3.6	3.59	0.98
4.48	3.74	2.91	2.06	1.29	0.7	0.32	0.12	0.03	0	1.87	2.39	3.73	3.97	3.59	3.6	0.98
4.48	3.73	2.9	2.05	1.28	0.7	0.32	0.12	0.03	0	2.19	2.3	3.73	3.9	3.6	3.57	0.98
4.49	3.73	2.89	2.04	1.28	0.7	0.32	0.12	0.03	0	2.25	2.28	3.72	3.83	3.6	3.56	0.98
4.5	3.73	2.89	2.03	1.27	0.69	0.32	0.12	0.03	0	1.9	2.31	3.73	3.83	3.6	3.57	0.98
4.51	3.74	2.88	2.03	1.27	0.69	0.32	0.12	0.03	0	1.62	2.36	3.75	3.94	3.61	3.58	0.98
4.53	3.75	2.88	2.02	1.26	0.69	0.32	0.12	0.03	0	1.64	2.11	3.74	4	3.63	3.6	0.98
4.55	3.75	2.88	2.01	1.25	0.68	0.32	0.12	0.03	0	2.05	2.39	3.75	4.04	3.63	3.57	0.98
4.56	3.76	2.88	2	1.24	0.68	0.31	0.12	0.03	0	2.25	2.17	3.76	4.06	3.62	3.56	0.98
4.57	3.76	2.87	2	1.24	0.67	0.31	0.11	0.03	0	1.82	2.5	3.74	4.02	3.6	3.56	0.98
4.57	3.76	2.87	1.99	1.23	0.67	0.3	0.11	0.02	0	1.91	2.51	3.74	4.04	3.62	3.56	0.98
4.57	3.75	2.86	1.98	1.22	0.66	0.3	0.11	0.02	0	1.88	2.53	3.76	4.01	3.6	3.61	0.98
4.57	3.75	2.85	1.97	1.21	0.65	0.29	0.11	0.02	0	1.5	2.44	3.72	4.02	3.59	3.63	0.98
4.58	3.75	2.85	1.96	1.21	0.65	0.29	0.11	0.02	0	1.27	2.24	3.71	3.98	3.6	3.63	0.98
4.58	3.75	2.84	1.96	1.2	0.64	0.29	0.1	0.02	0	1.73	2.14	3.72	3.95	3.6	3.59	0.98
4.59	3.74	2.83	1.95	1.2	0.64	0.29	0.1	0.02	0	2.14	2.09	3.73	3.94	3.58	3.56	0.98
4.61	3.74	2.82	1.94	1.19	0.63	0.29	0.1	0.02	0	2.28	2.03	3.73	3.96	3.59	3.59	0.98
4.62	3.74	2.81	1.92	1.18	0.63	0.29	0.1	0.02	0	2.01	2.11	3.74	4.02	3.59	3.56	0.98
4.62	3.73	2.79	1.91	1.17	0.63	0.28	0.1	0.02	0	1.95	2.13	3.76	4.07	3.61	3.57	0.98
4.62	3.72	2.78	1.89	1.16	0.62	0.28	0.1	0.02	0	2.33	2.39	3.77	4.15	3.61	3.6	0.98
4.61	3.7	2.76	1.88	1.16	0.62	0.28	0.1	0.02	0	2.36	2.45	3.77	4.17	3.64	3.62	0.98
4.6	3.69	2.74	1.87	1.15	0.62	0.28	0.1	0.02	0	2.21	2.31	3.77	4.12	3.62	3.62	0.98
4.59	3.67	2.73	1.86	1.15	0.62	0.28	0.1	0.02	0	1.8	2.3	3.74	4.06	3.61	3.59	0.98
4.58	3.66	2.72	1.85	1.14	0.62	0.28	0.1	0.02	0	2.18	1.99	3.75	3.95	3.61	3.57	0.98
4.57	3.64	2.71	1.85	1.14	0.62	0.28	0.1	0.02	0	2.36	2.24	3.72	3.82	3.6	3.55	0.98
4.56	3.64	2.7	1.84	1.14	0.61	0.28	0.1	0.02	0	2.31	2.33	3.71	3.79	3.59	3.55	0.98
4.57	3.64	2.7	1.84	1.13	0.61	0.27	0.1	0.02	0	1.68	2.32	3.72	3.84	3.59	3.56	0.98
4.57	3.64	2.7	1.84	1.13	0.61	0.27	0.1	0.02	0	1.81	2.19	3.73	3.89	3.61	3.55	0.98
4.58	3.65	2.7	1.84	1.12	0.6	0.27	0.1	0.02	0	1.77	2.43	3.75	3.96	3.63	3.55	0.98
4.59	3.65	2.7	1.83	1.12	0.6	0.27	0.1	0.02	0	1.79	2.59	3.75	3.95	3.6	3.56	0.98
4.59	3.66	2.71	1.83	1.11	0.59	0.27	0.1	0.02	0	2.06	2.22	3.74	3.92	3.61	3.56	0.98
4.59	3.66	2.71	1.83	1.11	0.58	0.26	0.1	0.02	0	1.86	1.99	3.75	3.88	3.63	3.56	0.98
4.59	3.66	2.71	1.82	1.1	0.57	0.25	0.09	0.02	0	1.63	1.61	3.75	3.83	3.62	3.56	0.98
4.59	3.66	2.7	1.82	1.09	0.57	0.25	0.09	0.02	0	1.9	1.83	3.73	3.74	3.61	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.58	3.66	2.7	1.81	1.08	0.56	0.24	0.09	0.01	0	1.9	2.22	3.73	3.71	3.6	3.57	0.98
4.58	3.66	2.7	1.81	1.07	0.55	0.23	0.08	0.01	0	1.74	2.18	3.74	3.77	3.63	3.58	0.98
4.58	3.65	2.7	1.8	1.05	0.53	0.22	0.08	0.01	0	1.8	2.39	3.74	3.87	3.63	3.58	0.98
4.58	3.65	2.69	1.79	1.04	0.52	0.22	0.07	0.01	0	1.76	2.24	3.75	3.91	3.63	3.55	0.98
4.57	3.65	2.68	1.77	1.03	0.51	0.21	0.07	0.01	0	1.92	1.72	3.75	3.92	3.62	3.57	0.98
4.57	3.64	2.67	1.76	1.01	0.5	0.2	0.06	0.01	0	1.65	1.85	3.73	3.92	3.6	3.58	0.98
4.56	3.63	2.65	1.74	0.99	0.48	0.19	0.06	0.008	0	1.87	2.27	3.73	3.93	3.62	3.59	0.98
4.55	3.61	2.63	1.72	0.97	0.46	0.18	0.06	0.007	0	1.55	2.35	3.73	3.93	3.61	3.6	0.98
4.55	3.6	2.62	1.7	0.95	0.45	0.17	0.05	0.006	0	1.05	2.28	3.74	3.88	3.61	3.58	0.98
4.55	3.59	2.6	1.68	0.93	0.43	0.16	0.05	0.004	0	1.68	1.84	3.73	3.84	3.63	3.55	0.98
4.55	3.59	2.58	1.66	0.91	0.42	0.15	0.04	0.003	0	2	2.03	3.73	3.83	3.6	3.57	0.99
4.55	3.58	2.57	1.63	0.89	0.4	0.15	0.04	0.003	0	1.9	2.1	3.75	3.88	3.6	3.56	0.99
4.55	3.57	2.55	1.61	0.87	0.39	0.14	0.04	0.002	0	1.73	2.26	3.76	3.91	3.61	3.56	0.99
4.54	3.55	2.53	1.59	0.85	0.37	0.13	0.03	0.001	0	1.92	2.52	3.78	3.98	3.61	3.57	0.99
4.52	3.53	2.5	1.56	0.82	0.36	0.13	0.03	0	0	1.97	2.61	3.76	4.02	3.62	3.58	0.99
4.48	3.5	2.48	1.53	0.8	0.34	0.12	0.03	-0.001	0	2.03	2.39	3.75	4	3.63	3.6	0.99
4.44	3.47	2.45	1.5	0.78	0.33	0.11	0.03	-0.002	0	2.01	2.47	3.75	3.96	3.63	3.59	0.99
4.4	3.43	2.41	1.47	0.76	0.32	0.1	0.03	-0.002	0	1.65	2.47	3.75	3.85	3.62	3.57	0.99
4.35	3.38	2.37	1.44	0.73	0.3	0.1	0.02	-0.003	0	2.01	2.47	3.74	3.75	3.6	3.56	0.99
4.29	3.34	2.33	1.4	0.71	0.29	0.09	0.02	-0.003	0	2.29	2.27	3.74	3.83	3.59	3.56	0.99
4.24	3.29	2.28	1.37	0.68	0.27	0.08	0.02	-0.002	0	2.27	2.33	3.73	3.88	3.58	3.56	0.99
4.19	3.23	2.23	1.32	0.65	0.25	0.08	0.02	-0.001	0	2.03	2.47	3.73	3.84	3.58	3.58	0.99
4.13	3.16	2.17	1.28	0.62	0.24	0.07	0.02	0	0	1.75	2.51	3.74	3.77	3.61	3.57	0.99
4.06	3.09	2.1	1.23	0.59	0.22	0.07	0.01	0.001	0	2.01	2.54	3.74	3.89	3.61	3.58	0.99
3.98	3	2.03	1.18	0.56	0.21	0.06	0.01	0.002	0	2.23	2.53	3.75	3.96	3.61	3.6	0.99
3.88	2.9	1.95	1.12	0.53	0.2	0.06	0.01	0.002	0	2.04	2.58	3.76	3.98	3.64	3.58	0.99
3.77	2.79	1.86	1.06	0.5	0.19	0.05	0.01	0.001	0	1.85	2.35	3.76	3.86	3.62	3.59	0.99
3.64	2.67	1.76	1.01	0.47	0.18	0.05	0.01	0	0	2.03	2.34	3.76	3.72	3.63	3.57	0.98
3.5	2.55	1.67	0.95	0.45	0.17	0.05	0.01	-0.002	0	1.55	2.09	3.73	3.68	3.6	3.58	0.98
3.38	2.43	1.59	0.91	0.43	0.17	0.06	0.02	0.002	0	1.64	1.98	3.75	3.74	3.6	3.56	0.98
3.25	2.32	1.51	0.86	0.42	0.17	0.06	0.02	0.007	0	1.85	2.16	3.76	3.78	3.61	3.58	0.98
3.13	2.21	1.43	0.82	0.4	0.17	0.07	0.03	0.01	0	1.55	2.1	3.74	3.79	3.61	3.56	0.97
3.02	2.11	1.36	0.78	0.39	0.17	0.07	0.03	0.01	0	1.83	2.39	3.74	3.77	3.6	3.57	0.97
2.92	2.02	1.29	0.74	0.38	0.17	0.07	0.04	0.01	0	1.96	2.26	3.75	3.75	3.63	3.58	0.97
2.82	1.93	1.22	0.7	0.36	0.17	0.07	0.03	0.01	0	1.86	2.2	3.74	3.79	3.6	3.58	0.97
2.73	1.85	1.16	0.67	0.35	0.16	0.07	0.03	0.01	0	1.88	2.03	3.74	3.82	3.59	3.56	0.97
2.64	1.78	1.11	0.64	0.33	0.15	0.07	0.03	0.01	0	1.69	2.51	3.75	3.9	3.62	3.57	0.97
2.55	1.7	1.06	0.61	0.31	0.15	0.06	0.03	0.01	0	1.65	2.38	3.75	3.92	3.6	3.58	0.97
2.46	1.64	1.02	0.58	0.3	0.14	0.06	0.02	0.01	0	1.45	2.23	3.74	3.94	3.62	3.58	0.97
2.38	1.58	0.98	0.56	0.29	0.14	0.06	0.02	0.009	0	1.76	2.04	3.74	3.93	3.62	3.56	0.98
2.29	1.52	0.95	0.54	0.28	0.13	0.06	0.02	0.009	0	2.02	2	3.75	3.95	3.61	3.57	0.98
2.21	1.47	0.92	0.53	0.28	0.13	0.06	0.02	0.008	0	1.96	2.01	3.75	4.03	3.63	3.62	0.98
2.13	1.41	0.89	0.52	0.27	0.13	0.06	0.02	0.009	0	1.94	2.22	3.75	4.06	3.62	3.59	0.98
2.05	1.37	0.86	0.51	0.27	0.13	0.06	0.02	0.009	0	2.38	2.46	3.76	4.04	3.63	3.62	0.99
1.97	1.32	0.84	0.5	0.27	0.13	0.06	0.03	0.01	0	1.92	2.65	3.75	4.09	3.64	3.61	0.99
1.9	1.28	0.82	0.49	0.27	0.14	0.06	0.03	0.01	0	1.76	2.6	3.74	4.05	3.66	3.6	0.99
1.83	1.24	0.8	0.48	0.26	0.14	0.07	0.03	0.01	0	2.11	2.53	3.74	3.96	3.64	3.6	0.99
1.77	1.2	0.78	0.47	0.26	0.14	0.07	0.03	0.01	0	2.14	2.45	3.74	3.88	3.62	3.57	0.99
1.71	1.17	0.76	0.46	0.26	0.14	0.07	0.04	0.01	0	1.78	2.53	3.75	3.91	3.62	3.58	1
1.66	1.13	0.74	0.45	0.26	0.14	0.06	0.04	0.01	0	1.63	2.29	3.75	3.94	3.61	3.56	1
1.61	1.1	0.72	0.44	0.25	0.13	0.06	0.03	0.01	0	1.79	1.92	3.77	3.99	3.62	3.59	1
1.56	1.07	0.69	0.42	0.24	0.13	0.06	0.03	0.01	0	1.98	2.31	3.76	3.99	3.63	3.6	1
1.52	1.04	0.67	0.41	0.23	0.12	0.05	0.03	0.01	0	2.01	2.29	3.76	3.95	3.62	3.59	1
1.47	1.01	0.65	0.39	0.22	0.11	0.05	0.02	0.009	0	2.05	2.27	3.75	3.93	3.63	3.6	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.43	0.98	0.63	0.38	0.21	0.11	0.04	0.02	0.007	0	1.83	2.21	3.75	3.99	3.62	3.59	0.99
1.4	0.95	0.61	0.37	0.2	0.1	0.04	0.02	0.006	0	2.06	2.2	3.75	4.05	3.62	3.63	0.99
1.36	0.93	0.59	0.36	0.2	0.1	0.04	0.02	0.005	0	2.18	2.49	3.75	4.06	3.64	3.62	0.99
1.33	0.9	0.58	0.35	0.19	0.09	0.04	0.02	0.005	0	1.46	2.47	3.75	4.04	3.64	3.63	0.99
1.3	0.88	0.56	0.34	0.19	0.09	0.04	0.02	0.005	0	1.67	2.42	3.75	4	3.61	3.59	0.99
1.27	0.86	0.55	0.33	0.19	0.09	0.04	0.02	0.006	0	1.97	2.36	3.75	3.95	3.6	3.57	0.99
1.24	0.84	0.53	0.32	0.18	0.09	0.04	0.02	0.006	0	2.08	2.52	3.74	3.94	3.62	3.56	0.99
1.22	0.82	0.52	0.32	0.18	0.09	0.04	0.02	0.007	0	1.66	2.53	3.76	3.95	3.62	3.59	0.99
1.19	0.8	0.51	0.31	0.18	0.09	0.04	0.02	0.006	0	1.71	2.37	3.77	4	3.64	3.59	0.99
1.17	0.78	0.5	0.3	0.17	0.08	0.04	0.02	0.006	0	1.66	1.99	3.76	4.05	3.64	3.58	0.99
1.14	0.76	0.49	0.29	0.17	0.08	0.03	0.01	0.005	0	1.9	2.08	3.77	4.06	3.64	3.61	0.99
1.12	0.75	0.47	0.29	0.16	0.08	0.03	0.01	0.004	0	1.77	2.24	3.76	4.03	3.64	3.59	0.99
4.41	3.27	2.15	1.22	0.6	0.27	0.12	0.04	0.01	0	1.46	2.38	3.76	4.03	3.63	3.6	1
4.59	3.43	2.27	1.29	0.63	0.28	0.12	0.04	0.01	0	1.96	2.35	3.74	4.08	3.61	3.6	1
4.76	3.57	2.39	1.37	0.67	0.3	0.13	0.05	0.01	0	1.86	2.38	3.75	4.03	3.59	3.61	1
4.93	3.72	2.5	1.44	0.71	0.31	0.13	0.05	0.01	0	1.71	2.1	3.76	3.98	3.6	3.6	1
5.08	3.85	2.6	1.51	0.75	0.33	0.13	0.05	0.01	0	1.71	2.37	3.75	3.98	3.61	3.6	1
5.2	3.96	2.68	1.57	0.78	0.34	0.13	0.04	0.009	0	1.91	2.43	3.75	3.95	3.61	3.59	1
5.32	4.05	2.76	1.62	0.8	0.34	0.13	0.04	0.005	0	1.74	2.3	3.76	4.03	3.61	3.6	1
5.4	4.12	2.81	1.66	0.82	0.35	0.13	0.03	0.001	0	1.8	1.96	3.77	4.04	3.63	3.59	1
5.44	4.16	2.84	1.68	0.84	0.35	0.12	0.03	-0.004	0	2.2	2.27	3.77	4.05	3.64	3.6	1
5.46	4.17	2.86	1.7	0.85	0.36	0.12	0.02	-0.006	0	2.16	2.26	3.76	4.04	3.64	3.58	1
5.43	4.17	2.86	1.71	0.86	0.36	0.12	0.02	-0.006	0	2.05	2.39	3.76	3.95	3.64	3.59	1
5.4	4.15	2.87	1.73	0.88	0.37	0.13	0.03	-0.005	0	2.2	2.45	3.75	3.82	3.63	3.61	1
5.34	4.12	2.86	1.74	0.9	0.39	0.14	0.03	-0.004	0	2.38	2.49	3.74	3.77	3.62	3.59	1
5.27	4.07	2.84	1.75	0.92	0.41	0.15	0.04	-0.003	0	2.4	2.41	3.74	3.77	3.61	3.6	1
5.2	4.02	2.83	1.76	0.94	0.42	0.16	0.04	-0.001	0	1.89	2.42	3.74	3.78	3.63	3.59	1
5.13	3.97	2.8	1.76	0.96	0.44	0.16	0.05	0.002	0	2.28	2.05	3.75	3.88	3.63	3.59	1
5.06	3.92	2.78	1.76	0.97	0.45	0.17	0.05	0.004	0	2.18	2.28	3.76	3.96	3.63	3.58	1
5	3.87	2.76	1.76	0.99	0.47	0.18	0.06	0.007	0	2.05	2.56	3.77	3.98	3.64	3.58	1
4.95	3.83	2.74	1.77	1	0.48	0.19	0.06	0.009	0	2	2.51	3.75	3.95	3.63	3.6	1
4.9	3.8	2.72	1.77	1.01	0.49	0.2	0.06	0.01	0	1.62	2.35	3.75	3.91	3.62	3.6	1
4.86	3.77	2.71	1.77	1.02	0.51	0.21	0.07	0.01	0	1.31	2.32	3.76	3.91	3.65	3.58	0.99
4.83	3.75	2.7	1.78	1.03	0.52	0.21	0.07	0.01	0	2.1	2.24	3.75	3.96	3.65	3.59	0.99
4.79	3.73	2.7	1.78	1.05	0.53	0.22	0.08	0.01	0	2.27	2.16	3.77	3.92	3.64	3.59	0.99
4.77	3.73	2.71	1.8	1.06	0.54	0.23	0.08	0.01	0	1.78	2.32	3.74	3.83	3.64	3.6	0.99
4.78	3.75	2.73	1.82	1.07	0.56	0.24	0.08	0.01	0	2.02	2.44	3.73	3.82	3.62	3.6	0.99
4.79	3.77	2.77	1.85	1.09	0.56	0.24	0.08	0.01	0	2.44	2.33	3.74	3.89	3.59	3.59	0.98
4.83	3.82	2.81	1.88	1.11	0.57	0.25	0.09	0.01	0	2.38	2.38	3.73	3.91	3.62	3.6	0.98
4.89	3.89	2.87	1.92	1.13	0.58	0.25	0.08	0.01	0	2.14	2.42	3.72	3.88	3.61	3.6	0.98
4.96	3.96	2.93	1.96	1.15	0.59	0.25	0.08	0.01	0	1.89	2.44	3.74	3.81	3.61	3.6	0.98
5.04	4.04	3	2	1.17	0.59	0.25	0.08	0.01	0	2.12	2.18	3.75	3.81	3.63	3.58	0.98
5.1	4.11	3.06	2.05	1.19	0.6	0.25	0.08	0.01	0	2.11	1.74	3.75	3.9	3.63	3.58	0.98
5.16	4.18	3.13	2.1	1.22	0.61	0.25	0.08	0.01	0	2.21	2.32	3.75	3.97	3.64	3.58	0.98
5.21	4.24	3.19	2.15	1.25	0.62	0.26	0.08	0.01	0	2.15	2.46	3.75	4.03	3.62	3.59	0.98
5.25	4.29	3.25	2.2	1.29	0.65	0.27	0.08	0.01	0	2.07	2.4	3.75	4.02	3.63	3.59	0.98
5.27	4.34	3.3	2.26	1.33	0.67	0.28	0.08	0.01	0	1.6	2.27	3.75	3.93	3.65	3.57	0.98
5.29	4.38	3.36	2.32	1.38	0.7	0.29	0.09	0.02	0	2.09	2.22	3.75	3.87	3.6	3.57	0.99
5.32	4.43	3.42	2.38	1.43	0.73	0.3	0.1	0.02	0	2.34	2.33	3.73	3.81	3.59	3.58	0.99
5.35	4.47	3.48	2.44	1.48	0.76	0.32	0.1	0.02	0	2.41	2.32	3.72	3.8	3.59	3.56	0.99
5.38	4.52	3.54	2.5	1.53	0.79	0.34	0.11	0.02	0	2.22	2.23	3.73	3.89	3.6	3.58	0.99
5.41	4.56	3.6	2.56	1.58	0.82	0.35	0.12	0.03	0	2.02	1.92	3.76	4.03	3.62	3.6	0.99
5.43	4.6	3.65	2.61	1.62	0.85	0.37	0.12	0.03	0	2.43	2.09	3.77	4.11	3.61	3.6	0.99
5.45	4.63	3.69	2.66	1.66	0.88	0.39	0.13	0.03	0	2.34	2.34	3.78	4.14	3.64	3.6	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.45	4.65	3.72	2.7	1.7	0.91	0.4	0.14	0.04	0	2.39	2.24	3.78	4.07	3.67	3.6	0.99
5.45	4.67	3.75	2.74	1.74	0.94	0.42	0.15	0.04	0	1.82	2.19	3.77	3.99	3.65	3.59	0.99
5.43	4.66	3.76	2.76	1.77	0.96	0.43	0.15	0.04	0	2.18	2.48	3.74	3.87	3.64	3.59	0.99
5.41	4.66	3.78	2.79	1.8	0.99	0.45	0.16	0.04	0	2.25	2.51	3.74	3.77	3.62	3.59	0.99
5.4	4.66	3.79	2.81	1.83	1.01	0.46	0.17	0.05	0	2.01	2.42	3.74	3.84	3.61	3.58	0.99
5.38	4.66	3.8	2.83	1.86	1.03	0.47	0.18	0.05	0	1.97	2.15	3.74	3.92	3.59	3.58	0.99
5.38	4.66	3.81	2.85	1.88	1.06	0.49	0.18	0.05	0	1.86	2.49	3.75	4.04	3.61	3.63	0.99
5.38	4.67	3.82	2.87	1.9	1.08	0.5	0.19	0.05	0	1.6	2.44	3.75	4.1	3.6	3.62	0.99
5.37	4.67	3.83	2.88	1.92	1.09	0.51	0.2	0.05	0	2.03	2.32	3.76	4.12	3.61	3.62	0.99
5.37	4.67	3.83	2.89	1.94	1.11	0.52	0.2	0.05	0	1.98	2.36	3.76	4.07	3.61	3.61	0.99
5.36	4.66	3.83	2.9	1.95	1.12	0.53	0.2	0.05	0	2.01	2.19	3.76	4.02	3.62	3.57	0.99
5.34	4.66	3.83	2.91	1.96	1.13	0.54	0.21	0.06	0	1.74	2.31	3.75	3.94	3.63	3.56	0.99
5.33	4.65	3.83	2.91	1.97	1.14	0.54	0.21	0.06	0	1.77	1.95	3.75	3.92	3.61	3.58	0.99
5.31	4.64	3.83	2.92	1.98	1.15	0.55	0.21	0.06	0	1.74	2.2	3.75	3.92	3.62	3.58	0.99
5.3	4.63	3.83	2.92	1.99	1.16	0.56	0.22	0.06	0	1.48	2.4	3.74	3.9	3.63	3.58	0.99
5.29	4.62	3.83	2.93	2	1.17	0.56	0.22	0.06	0	1.59	2.27	3.74	3.89	3.63	3.58	0.99
5.28	4.62	3.83	2.94	2.01	1.18	0.57	0.22	0.06	0	1.84	2.28	3.74	3.89	3.63	3.58	0.99
5.27	4.61	3.83	2.94	2.01	1.18	0.57	0.23	0.06	0	1.85	2.47	3.73	3.88	3.63	3.56	0.99
5.27	4.61	3.83	2.94	2.01	1.18	0.58	0.23	0.06	0	1.98	2.34	3.74	3.85	3.63	3.56	0.99
5.27	4.61	3.82	2.93	2.01	1.18	0.58	0.23	0.06	0	2.17	2.4	3.74	3.8	3.63	3.59	0.99
5.28	4.62	3.83	2.93	2.01	1.18	0.58	0.23	0.06	0	2.34	2.2	3.74	3.78	3.62	3.6	0.99
5.3	4.63	3.83	2.93	2.01	1.18	0.58	0.23	0.06	0	1.84	2.37	3.74	3.89	3.61	3.58	0.99
5.32	4.64	3.83	2.93	2	1.18	0.58	0.23	0.06	0	2.03	2.36	3.75	4.07	3.63	3.57	0.99
5.34	4.65	3.84	2.93	2	1.18	0.58	0.23	0.06	0	2.17	2.4	3.77	4.18	3.64	3.6	0.99
5.35	4.66	3.84	2.93	2	1.18	0.58	0.23	0.06	0	1.82	2.4	3.78	4.2	3.66	3.65	0.99
5.37	4.67	3.84	2.93	2	1.18	0.58	0.24	0.06	0	2.03	2.3	3.78	4.21	3.63	3.64	0.99
5.37	4.67	3.85	2.93	2	1.18	0.58	0.24	0.06	0	1.52	2.04	3.77	4.17	3.64	3.62	0.99
5.37	4.67	3.85	2.93	2	1.18	0.58	0.24	0.06	0	2.07	2.24	3.76	4.07	3.63	3.59	0.99
5.37	4.67	3.85	2.94	2	1.18	0.58	0.24	0.06	0	1.72	2.34	3.75	3.96	3.61	3.56	0.98
5.37	4.67	3.86	2.95	2	1.18	0.58	0.24	0.07	0	2.02	2.29	3.74	3.88	3.63	3.53	0.98
5.37	4.68	3.87	2.95	2.01	1.18	0.58	0.24	0.07	0	2.18	2.32	3.73	3.87	3.62	3.54	0.98
5.37	4.69	3.88	2.96	2.01	1.18	0.58	0.24	0.07	0	2.05	2.37	3.73	3.91	3.6	3.56	0.98
5.38	4.7	3.89	2.97	2.01	1.18	0.58	0.24	0.07	0	1.56	2.28	3.73	3.95	3.59	3.59	0.98
5.38	4.71	3.9	2.98	2.01	1.18	0.58	0.24	0.07	0	1.98	1.7	3.75	3.97	3.61	3.6	0.98
5.39	4.72	3.91	2.98	2.01	1.18	0.58	0.24	0.07	0	2.31	2.12	3.74	3.95	3.62	3.58	0.98
5.41	4.74	3.92	2.99	2.01	1.18	0.58	0.24	0.07	0	1.98	1.99	3.74	3.86	3.64	3.57	0.98
5.42	4.75	3.93	2.99	2.01	1.17	0.58	0.24	0.07	0	2.25	2.28	3.73	3.78	3.64	3.61	0.98
5.43	4.75	3.93	2.98	2	1.17	0.58	0.24	0.07	0	2.54	2.32	3.73	3.74	3.63	3.61	0.98
5.43	4.75	3.92	2.97	2	1.17	0.58	0.24	0.07	0	2.08	2.43	3.73	3.83	3.65	3.58	0.98
5.43	4.73	3.9	2.95	1.99	1.16	0.58	0.25	0.07	0	2.28	2.39	3.74	4	3.62	3.59	0.98
5.41	4.71	3.87	2.93	1.97	1.15	0.58	0.25	0.07	0	2.3	2.34	3.75	4.14	3.64	3.61	0.98
5.38	4.67	3.84	2.9	1.95	1.15	0.58	0.25	0.07	0	2.3	1.96	3.75	4.21	3.63	3.65	0.98
5.35	4.63	3.79	2.87	1.93	1.14	0.58	0.25	0.07	0	1.94	2.32	3.75	4.18	3.61	3.63	0.98
5.31	4.59	3.75	2.83	1.91	1.13	0.58	0.25	0.07	0	1.79	2.56	3.75	4.09	3.63	3.62	0.98
5.28	4.55	3.71	2.8	1.89	1.12	0.57	0.25	0.07	0	2.09	2.29	3.73	3.95	3.62	3.59	0.98
5.25	4.51	3.67	2.77	1.87	1.12	0.57	0.25	0.07	0	2.13	2.06	3.72	3.84	3.61	3.56	0.98
5.23	4.48	3.64	2.74	1.86	1.11	0.57	0.25	0.07	0	2.36	2.34	3.72	3.74	3.62	3.56	0.98
5.21	4.47	3.62	2.72	1.85	1.11	0.57	0.25	0.07	0	2.35	2.31	3.72	3.78	3.6	3.59	0.98
5.21	4.46	3.6	2.71	1.84	1.1	0.57	0.25	0.07	0	1.86	2.45	3.73	3.8	3.61	3.57	0.98
5.22	4.45	3.59	2.69	1.83	1.1	0.57	0.25	0.07	0	1.84	2.19	3.74	3.92	3.6	3.59	0.99
5.23	4.45	3.58	2.68	1.82	1.09	0.57	0.25	0.07	0	2.21	2.08	3.75	4.01	3.62	3.59	0.99
5.23	4.45	3.58	2.67	1.81	1.09	0.57	0.25	0.07	0	1.87	2.38	3.75	4.04	3.63	3.59	0.99
5.24	4.44	3.57	2.66	1.8	1.08	0.57	0.24	0.07	0	1.75	2.41	3.74	4.02	3.66	3.59	0.99
5.23	4.43	3.55	2.65	1.79	1.07	0.56	0.24	0.07	0	1.63	2.4	3.75	4.03	3.65	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.21	4.42	3.54	2.63	1.78	1.07	0.56	0.24	0.07	0	1.83	2.38	3.76	4.05	3.64	3.6	0.99
5.18	4.39	3.52	2.62	1.77	1.06	0.55	0.23	0.07	0	2.31	2.36	3.78	4.07	3.63	3.6	0.99
5.14	4.36	3.5	2.61	1.76	1.06	0.55	0.23	0.07	0	2.03	2.39	3.75	4.09	3.61	3.6	0.99
5.1	4.34	3.48	2.6	1.76	1.05	0.54	0.23	0.07	0	1.6	2.32	3.74	4.01	3.61	3.57	0.99
5.06	4.31	3.47	2.59	1.75	1.05	0.54	0.23	0.07	0	1.74	2.41	3.76	3.96	3.6	3.58	0.98
5.02	4.28	3.45	2.58	1.75	1.04	0.53	0.23	0.07	0	2.05	2.4	3.74	3.93	3.6	3.58	0.98
4.99	4.26	3.44	2.57	1.74	1.04	0.53	0.22	0.06	0	1.92	2.47	3.75	3.93	3.59	3.6	0.98
4.97	4.25	3.43	2.57	1.74	1.03	0.52	0.22	0.06	0	2.08	2.47	3.74	4.03	3.6	3.62	0.98
4.95	4.23	3.42	2.56	1.72	1.02	0.52	0.22	0.06	0	1.98	2.64	3.74	4.11	3.62	3.63	0.97
4.94	4.22	3.41	2.55	1.71	1.01	0.51	0.21	0.06	0	1.82	2.48	3.75	4.16	3.63	3.64	0.97
4.93	4.22	3.41	2.54	1.7	1	0.5	0.21	0.06	0	1.98	2.37	3.75	4.17	3.6	3.61	0.97
4.92	4.21	3.4	2.53	1.69	0.98	0.49	0.2	0.05	0	2.09	2.3	3.74	4.1	3.62	3.61	0.97
4.92	4.2	3.39	2.52	1.68	0.97	0.48	0.2	0.05	0	2.11	2.23	3.75	4.07	3.62	3.58	0.97
4.9	4.2	3.39	2.52	1.67	0.97	0.48	0.19	0.05	0	1.65	2.14	3.74	4	3.6	3.57	0.97
4.89	4.19	3.38	2.51	1.66	0.96	0.47	0.19	0.05	0	1.79	2.48	3.75	3.99	3.61	3.57	0.97
4.88	4.18	3.38	2.51	1.65	0.95	0.47	0.19	0.05	0	1.88	2.37	3.73	3.94	3.62	3.6	0.97
4.87	4.17	3.38	2.51	1.65	0.95	0.47	0.19	0.05	0	1.98	2.4	3.71	3.89	3.62	3.59	0.97
4.86	4.17	3.37	2.5	1.65	0.95	0.47	0.19	0.05	0	1.68	2.2	3.72	3.87	3.62	3.59	0.98
4.85	4.17	3.37	2.5	1.64	0.94	0.46	0.19	0.05	0	2.02	2.19	3.74	3.87	3.6	3.59	0.98
4.85	4.17	3.37	2.5	1.64	0.94	0.46	0.19	0.05	0	2.22	2.26	3.73	3.84	3.63	3.58	0.98
4.85	4.17	3.37	2.5	1.64	0.94	0.46	0.19	0.05	0	2.28	2.33	3.75	3.79	3.62	3.61	0.98
4.85	4.16	3.37	2.49	1.64	0.94	0.46	0.19	0.05	0	2.12	2.34	3.75	3.79	3.63	3.6	0.98
4.84	4.16	3.37	2.49	1.64	0.94	0.46	0.19	0.05	0	1.9	2.26	3.74	3.8	3.67	3.63	0.98
4.83	4.16	3.37	2.5	1.64	0.94	0.46	0.19	0.05	0	1.91	2.09	3.74	3.79	3.66	3.63	0.98
4.82	4.15	3.36	2.5	1.64	0.94	0.46	0.19	0.05	0	1.63	2.22	3.74	3.8	3.63	3.61	0.99
4.8	4.13	3.36	2.5	1.65	0.94	0.46	0.19	0.05	0	1.38	2.35	3.75	3.82	3.63	3.58	0.99
4.78	4.12	3.35	2.5	1.65	0.95	0.47	0.19	0.05	0	1.8	2.47	3.74	3.86	3.62	3.57	0.99
4.77	4.11	3.34	2.5	1.66	0.95	0.47	0.19	0.05	0	2.03	2.37	3.75	3.86	3.63	3.57	0.99
4.75	4.1	3.34	2.5	1.66	0.96	0.47	0.19	0.04	0	2.01	2.39	3.74	3.82	3.62	3.58	0.99
4.74	4.09	3.33	2.5	1.67	0.96	0.47	0.19	0.04	0	2.16	2.48	3.74	3.8	3.59	3.59	0.99
4.73	4.08	3.33	2.5	1.67	0.96	0.47	0.19	0.04	0	1.85	2.38	3.74	3.82	3.61	3.57	0.99
4.72	4.07	3.32	2.5	1.67	0.96	0.47	0.19	0.04	0	1.68	2.38	3.75	3.91	3.63	3.57	0.99
4.72	4.07	3.32	2.49	1.67	0.96	0.47	0.19	0.04	0	2.01	2.21	3.75	3.99	3.63	3.6	0.99
4.71	4.06	3.31	2.49	1.67	0.96	0.46	0.19	0.04	0	1.79	1.69	3.74	4	3.64	3.61	0.99
4.7	4.05	3.3	2.48	1.66	0.96	0.46	0.18	0.04	0	1.93	2.31	3.74	4.02	3.64	3.61	0.99
4.69	4.04	3.29	2.47	1.65	0.95	0.45	0.18	0.04	0	1.8	2.37	3.75	3.97	3.64	3.61	0.99
4.67	4.02	3.28	2.46	1.65	0.95	0.45	0.18	0.04	0	1.67	2.27	3.74	3.92	3.64	3.6	0.99
4.66	4.01	3.27	2.45	1.64	0.94	0.44	0.17	0.04	0	1.95	2.43	3.74	3.84	3.63	3.58	0.99
4.64	4	3.25	2.44	1.62	0.93	0.44	0.17	0.04	0	1.92	2.51	3.74	3.78	3.63	3.58	0.98
4.63	3.98	3.24	2.42	1.61	0.92	0.43	0.17	0.04	0	1.89	2.58	3.75	3.82	3.65	3.59	0.98
4.61	3.97	3.22	2.41	1.6	0.91	0.42	0.16	0.04	0	1.51	2.49	3.75	3.85	3.61	3.6	0.98
4.6	3.95	3.2	2.39	1.58	0.9	0.42	0.16	0.04	0	1.55	2.19	3.74	3.88	3.62	3.59	0.97
4.58	3.93	3.18	2.37	1.56	0.88	0.41	0.15	0.04	0	1.84	2.15	3.73	3.88	3.62	3.59	0.97
4.57	3.91	3.16	2.34	1.53	0.87	0.4	0.15	0.04	0	2.06	2.13	3.74	3.92	3.61	3.6	0.97
4.55	3.89	3.14	2.32	1.51	0.85	0.4	0.15	0.04	0	1.99	2.54	3.74	3.96	3.63	3.58	0.96
4.53	3.87	3.11	2.29	1.49	0.84	0.39	0.15	0.03	0	2.18	2.52	3.74	4.01	3.6	3.59	0.96
4.5	3.84	3.08	2.27	1.47	0.83	0.39	0.15	0.03	0	1.8	2.24	3.73	4.06	3.6	3.61	0.96
4.48	3.82	3.06	2.24	1.46	0.82	0.39	0.15	0.03	0	1.91	2.45	3.72	4.06	3.6	3.61	0.96
4.46	3.79	3.04	2.22	1.45	0.81	0.39	0.15	0.03	0	1.88	2.3	3.73	4.07	3.6	3.6	0.95
4.44	3.78	3.02	2.21	1.44	0.81	0.39	0.15	0.04	0	1.82	2.31	3.72	4.11	3.6	3.63	0.96
4.44	3.77	3.01	2.2	1.43	0.81	0.39	0.16	0.04	0	2.03	2.43	3.74	4.16	3.6	3.65	0.96
4.44	3.77	3.01	2.2	1.43	0.81	0.4	0.16	0.04	0	2.25	2.31	3.74	4.17	3.6	3.64	0.96
4.44	3.77	3	2.19	1.42	0.81	0.4	0.16	0.04	0	2.36	2.25	3.75	4.25	3.61	3.63	0.96
4.45	3.77	3	2.18	1.42	0.8	0.4	0.16	0.04	0	2.12	2.38	3.76	4.24	3.59	3.64	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.47	3.78	3	2.18	1.41	0.8	0.4	0.16	0.04	0	2.2	2.62	3.76	4.26	3.6	3.65	0.97
4.48	3.79	3	2.18	1.41	0.8	0.4	0.16	0.04	0	2.37	2.3	3.77	4.19	3.61	3.63	0.98
4.48	3.79	3.01	2.18	1.41	0.8	0.4	0.16	0.04	0	2.19	2.32	3.75	4.05	3.63	3.62	0.98
4.48	3.79	3.01	2.18	1.41	0.8	0.4	0.16	0.04	0	1.76	2.3	3.74	3.88	3.62	3.6	0.99
4.48	3.79	3	2.18	1.41	0.81	0.4	0.17	0.04	0	2.02	2.09	3.74	3.83	3.59	3.59	0.99
4.46	3.78	3	2.18	1.42	0.81	0.4	0.17	0.04	0	1.77	2.27	3.75	3.85	3.59	3.61	0.99
4.44	3.77	3	2.19	1.42	0.81	0.4	0.17	0.04	0	2.05	2.44	3.76	3.87	3.62	3.6	0.99
4.42	3.76	2.99	2.19	1.43	0.82	0.41	0.17	0.04	0	2.19	2.07	3.76	3.83	3.63	3.59	0.99
4.41	3.74	2.99	2.19	1.43	0.82	0.41	0.17	0.04	0	1.97	1.46	3.75	3.84	3.59	3.62	0.99
4.39	3.73	2.98	2.19	1.43	0.83	0.41	0.18	0.04	0	2.34	2.08	3.72	3.89	3.62	3.62	0.99
4.38	3.73	2.97	2.18	1.43	0.83	0.41	0.18	0.05	0	2.57	2.4	3.73	3.92	3.62	3.61	0.99
4.37	3.72	2.97	2.18	1.43	0.83	0.41	0.18	0.05	0	2.44	2.44	3.73	3.89	3.6	3.57	0.99
4.37	3.72	2.97	2.17	1.43	0.83	0.42	0.18	0.05	0	1.96	2.26	3.74	3.83	3.61	3.59	0.99
4.37	3.71	2.96	2.17	1.43	0.83	0.42	0.18	0.05	0	2.52	2.45	3.76	3.99	3.62	3.59	0.99
4.36	3.71	2.96	2.17	1.43	0.83	0.43	0.18	0.05	0	2.39	2.46	3.77	4.09	3.62	3.61	0.99
4.36	3.7	2.96	2.16	1.43	0.84	0.43	0.19	0.05	0	1.56	2.27	3.77	4.1	3.63	3.64	0.98
4.36	3.7	2.95	2.16	1.43	0.84	0.43	0.19	0.05	0	1.77	2.11	3.76	4.05	3.63	3.63	0.98
4.35	3.69	2.95	2.16	1.43	0.84	0.43	0.19	0.05	0	1.9	2.31	3.74	3.95	3.62	3.61	0.98
4.35	3.69	2.95	2.16	1.43	0.84	0.43	0.19	0.05	0	2.11	2.35	3.73	3.83	3.59	3.57	0.98
4.35	3.69	2.95	2.16	1.44	0.84	0.43	0.19	0.05	0	2.35	2.2	3.72	3.75	3.6	3.56	0.98
4.36	3.7	2.95	2.17	1.44	0.85	0.43	0.18	0.05	0	2.07	2.26	3.72	3.79	3.6	3.56	0.98
4.36	3.7	2.96	2.17	1.45	0.85	0.44	0.19	0.05	0	2.05	2.53	3.75	3.99	3.62	3.59	0.98
4.36	3.7	2.96	2.18	1.45	0.86	0.44	0.19	0.05	0	2.15	2.46	3.75	4.17	3.61	3.64	0.97
4.35	3.69	2.96	2.19	1.46	0.86	0.45	0.19	0.05	0	1.58	2.46	3.78	4.25	3.62	3.67	0.97
4.33	3.69	2.97	2.2	1.48	0.87	0.45	0.19	0.05	0	2.02	2.48	3.77	4.24	3.64	3.65	0.97
4.31	3.68	2.97	2.22	1.49	0.89	0.46	0.2	0.05	0	2.5	1.81	3.77	4.11	3.63	3.61	0.96
4.29	3.67	2.98	2.23	1.51	0.9	0.46	0.2	0.06	0	2.44	2.43	3.74	3.9	3.61	3.58	0.96
4.27	3.66	2.99	2.25	1.53	0.91	0.47	0.2	0.06	0	2.13	2.46	3.72	3.93	3.58	3.61	0.96
4.26	3.66	3	2.27	1.54	0.92	0.47	0.21	0.06	0	2.8	2.54	3.71	4.05	3.59	3.63	0.96
4.25	3.67	3.01	2.29	1.56	0.93	0.48	0.21	0.06	0	2.79	2.48	3.71	4.1	3.59	3.61	0.96
4.25	3.68	3.03	2.31	1.58	0.94	0.48	0.2	0.06	0	2.19	2.31	3.72	3.96	3.61	3.6	0.96
4.26	3.69	3.04	2.32	1.59	0.95	0.48	0.2	0.05	0	2.42	2.06	3.73	3.86	3.61	3.59	0.97
4.27	3.7	3.06	2.34	1.6	0.95	0.48	0.2	0.05	0	2.52	2.23	3.75	4	3.63	3.6	0.97
4.28	3.71	3.07	2.35	1.61	0.96	0.48	0.2	0.05	0	2.17	2.27	3.78	4.06	3.62	3.63	0.98
4.28	3.71	3.08	2.36	1.63	0.97	0.48	0.19	0.05	0	2.03	2.29	3.78	4.1	3.65	3.6	0.99
4.28	3.71	3.08	2.37	1.64	0.97	0.49	0.2	0.05	0	2.01	2.3	3.78	4.05	3.64	3.6	0.99
4.27	3.71	3.08	2.38	1.65	0.98	0.49	0.2	0.05	0	2	2.43	3.76	3.97	3.65	3.6	1
4.25	3.7	3.08	2.39	1.66	0.99	0.49	0.2	0.06	0	1.71	2.38	3.75	3.89	3.63	3.61	1
4.23	3.69	3.08	2.39	1.66	1	0.5	0.2	0.06	0	2.09	2.16	3.75	3.84	3.61	3.6	1
4.21	3.67	3.07	2.39	1.67	1.01	0.5	0.21	0.06	0	2.11	2.33	3.75	3.79	3.61	3.58	1
4.19	3.66	3.07	2.4	1.68	1.01	0.51	0.21	0.06	0	1.72	2.26	3.75	3.82	3.63	3.58	1
4.17	3.65	3.07	2.4	1.69	1.02	0.52	0.21	0.06	0	1.95	2.2	3.76	3.81	3.62	3.59	1
4.15	3.64	3.06	2.41	1.7	1.03	0.52	0.22	0.06	0	1.92	2.45	3.75	3.88	3.64	3.56	1
4.14	3.63	3.06	2.41	1.71	1.04	0.53	0.22	0.06	0	1.8	2.24	3.75	3.85	3.62	3.58	1
4.12	3.62	3.06	2.42	1.71	1.05	0.54	0.23	0.06	0	1.72	2.27	3.75	3.8	3.64	3.57	1
4.1	3.61	3.06	2.42	1.72	1.06	0.54	0.23	0.06	0	1.83	2.26	3.75	3.81	3.65	3.61	1
4.09	3.61	3.06	2.42	1.73	1.07	0.55	0.23	0.06	0	1.75	2.32	3.75	3.81	3.63	3.61	1
4.07	3.6	3.06	2.43	1.74	1.08	0.56	0.24	0.07	0	1.78	2.22	3.74	3.8	3.64	3.58	1
4.06	3.59	3.05	2.43	1.74	1.08	0.56	0.24	0.07	0	1.73	2.26	3.75	3.85	3.64	3.58	1
4.05	3.58	3.05	2.43	1.74	1.09	0.56	0.24	0.07	0	1.94	2.51	3.76	3.85	3.66	3.6	1
4.04	3.57	3.04	2.42	1.74	1.09	0.57	0.25	0.07	0	2.08	2.42	3.76	3.83	3.64	3.61	0.99
4.03	3.56	3.03	2.42	1.74	1.09	0.57	0.25	0.07	0	1.88	2.46	3.76	3.79	3.64	3.6	0.99
4.01	3.55	3.02	2.41	1.74	1.1	0.58	0.25	0.07	0	2.21	2.43	3.75	3.78	3.63	3.61	0.98
4	3.54	3.02	2.41	1.74	1.1	0.59	0.26	0.08	0	2.01	2.22	3.75	3.79	3.63	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.99	3.53	3.01	2.4	1.74	1.1	0.59	0.27	0.08	0	1.82	1.82	3.75	3.88	3.63	3.57	0.97
3.98	3.52	3	2.4	1.74	1.11	0.6	0.27	0.08	0	2.29	1.77	3.76	3.95	3.63	3.58	0.97
3.98	3.52	3	2.4	1.74	1.11	0.6	0.27	0.08	0	2.18	2.06	3.75	4	3.63	3.59	0.97
3.98	3.52	2.99	2.39	1.74	1.11	0.61	0.28	0.09	0	1.79	2.21	3.74	3.99	3.63	3.57	0.96
3.99	3.52	3	2.39	1.74	1.11	0.61	0.28	0.09	0	2.24	2.11	3.72	3.96	3.62	3.57	0.96
4.01	3.53	3	2.39	1.74	1.11	0.61	0.28	0.09	0	2.3	2.42	3.72	3.9	3.61	3.58	0.96
4.03	3.55	3.01	2.39	1.73	1.11	0.61	0.28	0.09	0	1.91	2.29	3.72	3.89	3.6	3.57	0.97
4.06	3.57	3.02	2.39	1.73	1.11	0.61	0.28	0.09	0	1.46	2.18	3.74	3.93	3.62	3.57	0.97
4.09	3.59	3.03	2.39	1.73	1.1	0.61	0.28	0.09	0	2.09	2.36	3.76	4.06	3.64	3.6	0.97
4.11	3.6	3.03	2.39	1.72	1.1	0.61	0.28	0.09	0	1.86	2.48	3.77	4.13	3.64	3.61	0.98
4.13	3.62	3.04	2.4	1.72	1.1	0.61	0.28	0.1	0	2.16	2.31	3.78	4.21	3.65	3.6	0.98
4.15	3.63	3.05	2.4	1.72	1.11	0.62	0.29	0.1	0	2.16	2.01	3.78	4.19	3.65	3.61	0.99
4.16	3.64	3.06	2.4	1.73	1.11	0.62	0.29	0.1	0	1.85	2.33	3.77	4.16	3.63	3.61	0.99
4.16	3.64	3.06	2.41	1.73	1.11	0.62	0.29	0.1	0	2.02	2.39	3.76	4.13	3.63	3.63	0.99
4.16	3.64	3.06	2.41	1.73	1.12	0.62	0.3	0.1	0	2.15	2.61	3.76	4.11	3.61	3.6	0.99
4.16	3.64	3.06	2.41	1.73	1.12	0.63	0.3	0.1	0	2.15	2.51	3.74	4.11	3.62	3.64	0.99
4.16	3.64	3.06	2.41	1.73	1.12	0.63	0.3	0.1	0	1.91	2.5	3.76	4.12	3.61	3.62	1
4.16	3.64	3.06	2.41	1.73	1.12	0.62	0.3	0.1	0	1.81	2.37	3.76	4.12	3.61	3.64	1
4.17	3.65	3.07	2.41	1.73	1.12	0.62	0.3	0.1	0	2.24	2.09	3.76	4.14	3.62	3.61	1
4.18	3.66	3.07	2.41	1.73	1.11	0.62	0.3	0.1	0	1.99	2.29	3.76	4.11	3.62	3.58	1
4.19	3.67	3.08	2.42	1.73	1.11	0.62	0.3	0.1	0	1.8	2.33	3.75	4.11	3.6	3.62	1
4.2	3.68	3.09	2.43	1.74	1.11	0.62	0.3	0.1	0	1.45	2.42	3.75	4.09	3.62	3.61	1.01
4.21	3.69	3.1	2.44	1.74	1.11	0.62	0.3	0.1	0	2.04	2.57	3.76	4.17	3.63	3.63	1.01
4.22	3.7	3.11	2.45	1.75	1.11	0.62	0.3	0.1	0	1.9	2.49	3.76	4.18	3.63	3.65	1.01
4.23	3.71	3.13	2.46	1.75	1.12	0.62	0.3	0.1	0	1.75	2.23	3.75	4.18	3.64	3.62	1.01
4.24	3.73	3.14	2.47	1.76	1.12	0.62	0.3	0.1	0	1.9	2.26	3.77	4.11	3.65	3.64	1.02
4.25	3.74	3.15	2.48	1.77	1.12	0.63	0.3	0.1	0	1.97	2.45	3.78	4	3.62	3.61	1.02
4.25	3.75	3.16	2.49	1.78	1.13	0.63	0.3	0.1	0	1.86	2.23	3.76	3.9	3.62	3.57	1.02
4.26	3.75	3.17	2.5	1.78	1.13	0.63	0.3	0.1	0	2.01	2.21	3.75	3.86	3.62	3.58	1.02
4.26	3.76	3.17	2.5	1.79	1.14	0.63	0.31	0.1	0	1.8	2.18	3.76	3.92	3.63	3.58	1.01
4.27	3.76	3.18	2.51	1.8	1.14	0.64	0.31	0.1	0	2.18	2.09	3.77	3.96	3.64	3.59	1.01
4.27	3.76	3.18	2.51	1.8	1.15	0.64	0.31	0.1	0	2.1	2.27	3.76	3.92	3.62	3.59	1.01
4.27	3.77	3.18	2.52	1.81	1.15	0.64	0.31	0.1	0	1.6	2.55	3.76	3.82	3.62	3.57	1.01
4.27	3.77	3.19	2.52	1.81	1.15	0.64	0.31	0.1	0	2.14	2.52	3.74	3.76	3.62	3.6	1
4.27	3.77	3.19	2.52	1.82	1.16	0.64	0.31	0.1	0	2.32	2.38	3.74	3.75	3.61	3.59	1
4.28	3.77	3.19	2.52	1.82	1.16	0.64	0.31	0.1	0	2.17	2.41	3.75	3.77	3.64	3.58	0.99
4.28	3.77	3.19	2.52	1.82	1.16	0.64	0.31	0.1	0	1.84	2.37	3.75	3.82	3.63	3.6	0.99
4.28	3.77	3.18	2.52	1.81	1.15	0.64	0.31	0.1	0	2.16	2.44	3.76	3.91	3.62	3.62	0.98
4.28	3.77	3.18	2.51	1.81	1.15	0.64	0.31	0.1	0	2.32	2.39	3.75	3.95	3.63	3.6	0.97
4.27	3.76	3.17	2.51	1.81	1.15	0.64	0.31	0.1	0	2.19	2.45	3.75	3.93	3.64	3.62	0.96
4.25	3.75	3.16	2.5	1.8	1.15	0.64	0.3	0.1	0	2.03	2.25	3.74	3.83	3.63	3.61	0.95
4.23	3.73	3.14	2.49	1.79	1.14	0.63	0.3	0.1	0	2.28	2.17	3.72	3.78	3.63	3.61	0.94
4.21	3.71	3.13	2.47	1.79	1.14	0.63	0.3	0.1	0	2.11	2.3	3.7	3.76	3.61	3.58	0.93
4.19	3.69	3.11	2.46	1.78	1.13	0.62	0.29	0.09	0	1.7	2.23	3.71	3.77	3.6	3.54	0.92
4.17	3.67	3.1	2.45	1.77	1.13	0.62	0.29	0.09	0	1.69	2.08	3.71	3.82	3.6	3.55	0.92
4.16	3.66	3.09	2.45	1.76	1.12	0.61	0.29	0.09	0	1.96	2.22	3.72	3.87	3.58	3.54	0.91
4.16	3.66	3.08	2.44	1.76	1.12	0.61	0.28	0.09	0	1.92	2.1	3.71	3.93	3.58	3.56	0.91
4.16	3.65	3.08	2.44	1.75	1.11	0.61	0.28	0.09	0	1.85	2.12	3.72	4.03	3.59	3.57	0.91
4.16	3.65	3.08	2.44	1.75	1.11	0.61	0.28	0.09	0	2.01	2.2	3.72	4.11	3.61	3.58	0.91
4.16	3.65	3.08	2.44	1.75	1.11	0.61	0.28	0.09	0	1.99	2.38	3.73	4.14	3.62	3.6	0.91
4.15	3.65	3.08	2.44	1.75	1.11	0.61	0.28	0.09	0	1.93	2.41	3.73	4.1	3.6	3.59	0.92
4.15	3.64	3.08	2.44	1.75	1.11	0.6	0.28	0.09	0	1.74	2.24	3.74	4.05	3.59	3.56	0.92
4.13	3.63	3.07	2.43	1.75	1.1	0.6	0.28	0.09	0	1.94	2.42	3.72	4.04	3.58	3.56	0.92
4.11	3.62	3.06	2.43	1.75	1.1	0.6	0.28	0.09	0	1.53	2.36	3.72	4.05	3.61	3.56	0.93

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.09	3.6	3.06	2.43	1.74	1.1	0.6	0.27	0.09	0	1.56	2.24	3.73	4.06	3.6	3.55	0.94
4.06	3.59	3.05	2.42	1.74	1.1	0.6	0.27	0.09	0	1.61	2.23	3.75	4.14	3.62	3.58	0.94
4.04	3.57	3.04	2.42	1.74	1.1	0.6	0.27	0.08	0	1.87	2.41	3.75	4.14	3.63	3.59	0.95
4.02	3.56	3.03	2.41	1.74	1.1	0.6	0.27	0.08	0	1.81	2.21	3.75	4.1	3.63	3.59	0.96
4	3.54	3.02	2.41	1.74	1.1	0.59	0.27	0.08	0	1.82	2.42	3.73	4.04	3.62	3.58	0.97
3.98	3.53	3.02	2.41	1.74	1.1	0.59	0.27	0.08	0	1.99	2.31	3.73	4.05	3.61	3.56	0.98
3.96	3.52	3.01	2.41	1.75	1.11	0.59	0.27	0.08	0	1.7	2.14	3.74	4.11	3.62	3.58	0.98
3.94	3.5	3	2.4	1.74	1.11	0.59	0.27	0.08	0	1.95	2.26	3.74	4.16	3.61	3.59	0.99
3.91	3.48	2.99	2.4	1.74	1.11	0.59	0.27	0.08	0	2	2.48	3.76	4.22	3.63	3.62	1
3.89	3.46	2.97	2.39	1.74	1.11	0.59	0.27	0.08	0	2.07	1.82	3.77	4.24	3.64	3.62	1
3.86	3.44	2.96	2.38	1.74	1.11	0.6	0.27	0.08	0	1.91	2.13	3.78	4.23	3.63	3.64	1
3.82	3.41	2.94	2.37	1.73	1.1	0.6	0.27	0.08	0	2.1	2.26	3.77	4.19	3.64	3.61	1.01
3.79	3.38	2.91	2.36	1.73	1.1	0.6	0.28	0.09	0	2.09	2.52	3.76	4.11	3.63	3.59	1.01
3.75	3.35	2.89	2.34	1.72	1.1	0.61	0.28	0.09	0	1.8	2.51	3.75	4	3.61	3.58	1.01
3.72	3.33	2.87	2.33	1.71	1.1	0.61	0.28	0.09	0	2.18	2.36	3.73	3.92	3.6	3.58	1.01
3.7	3.31	2.86	2.32	1.71	1.1	0.62	0.29	0.09	0	2.31	2.31	3.73	3.86	3.6	3.59	1.01
3.69	3.29	2.84	2.31	1.7	1.1	0.62	0.29	0.09	0	2.21	2.4	3.73	3.85	3.61	3.59	1.02
3.67	3.28	2.83	2.3	1.7	1.1	0.62	0.29	0.09	0	1.62	2.51	3.74	3.87	3.63	3.59	1.02
3.67	3.27	2.82	2.29	1.69	1.1	0.62	0.29	0.1	0	1.78	2.51	3.73	3.91	3.62	3.57	1.02
3.66	3.26	2.81	2.28	1.68	1.1	0.62	0.29	0.1	0	1.79	2.34	3.75	3.94	3.63	3.59	1.02
3.65	3.25	2.8	2.27	1.68	1.09	0.62	0.3	0.1	0	1.84	2.49	3.76	3.96	3.62	3.59	1.02
3.63	3.24	2.79	2.26	1.67	1.09	0.62	0.3	0.1	0	1.72	2.51	3.76	3.99	3.6	3.59	1.02
3.62	3.23	2.78	2.25	1.66	1.09	0.62	0.3	0.1	0	2.18	2.48	3.77	4.02	3.65	3.59	1.02
3.6	3.21	2.77	2.24	1.66	1.09	0.62	0.3	0.1	0	1.91	2.31	3.76	4	3.63	3.6	1.02
3.58	3.2	2.76	2.23	1.65	1.09	0.62	0.3	0.1	0	2.05	2.39	3.76	3.99	3.63	3.61	1.02
3.56	3.18	2.75	2.23	1.65	1.09	0.62	0.3	0.1	0	2.04	2.39	3.75	3.94	3.62	3.62	1.02
3.54	3.17	2.74	2.22	1.65	1.09	0.62	0.3	0.1	0	1.89	2.31	3.74	3.86	3.63	3.61	1.01
3.53	3.16	2.73	2.22	1.65	1.09	0.62	0.3	0.1	0	1.85	2.54	3.73	3.79	3.62	3.57	1.01
3.53	3.16	2.74	2.23	1.66	1.09	0.63	0.31	0.1	0	1.8	2.43	3.73	3.83	3.6	3.57	1.01
3.54	3.17	2.74	2.23	1.66	1.1	0.63	0.31	0.1	0	1.95	2.19	3.73	3.81	3.6	3.56	1
3.56	3.19	2.76	2.25	1.67	1.1	0.63	0.31	0.1	0	1.59	2.41	3.74	3.85	3.61	3.57	1
3.59	3.21	2.78	2.26	1.68	1.11	0.63	0.31	0.1	0	2	2.42	3.75	3.92	3.63	3.59	1
3.62	3.24	2.8	2.28	1.69	1.11	0.64	0.31	0.1	0	2.05	2.27	3.76	4	3.63	3.6	1
3.66	3.28	2.83	2.3	1.71	1.12	0.64	0.31	0.1	0	2.2	2.31	3.76	4.02	3.63	3.62	1
3.71	3.32	2.86	2.32	1.72	1.13	0.64	0.31	0.1	0	2.12	2.27	3.76	4	3.63	3.6	1
3.75	3.35	2.89	2.34	1.74	1.14	0.65	0.31	0.1	0	1.8	2.49	3.75	3.92	3.63	3.59	0.99
3.8	3.39	2.92	2.37	1.76	1.15	0.66	0.32	0.1	0	1.77	2.49	3.74	3.88	3.61	3.58	0.99
3.84	3.43	2.96	2.39	1.78	1.17	0.67	0.32	0.1	0	1.76	2.26	3.73	3.87	3.61	3.58	0.99
3.89	3.47	2.99	2.42	1.8	1.19	0.68	0.33	0.1	0	1.83	2.16	3.74	3.89	3.64	3.57	0.99
3.93	3.51	3.03	2.45	1.82	1.2	0.69	0.33	0.11	0	1.76	2.37	3.74	3.87	3.63	3.58	0.99
3.98	3.55	3.07	2.49	1.85	1.22	0.7	0.34	0.11	0	2.02	2.27	3.74	3.85	3.62	3.59	0.99
4.03	3.6	3.1	2.52	1.87	1.24	0.71	0.35	0.11	0	2.13	2.29	3.74	3.85	3.62	3.6	0.99
4.07	3.64	3.14	2.55	1.9	1.26	0.72	0.35	0.11	0	1.91	2.4	3.74	3.91	3.64	3.58	0.99
4.11	3.67	3.17	2.58	1.92	1.27	0.74	0.36	0.11	0	1.54	2.23	3.75	4.05	3.64	3.57	0.99
4.14	3.7	3.19	2.6	1.94	1.29	0.75	0.36	0.12	0	2.1	2.35	3.76	4.11	3.63	3.58	0.98
4.16	3.72	3.21	2.62	1.96	1.31	0.76	0.37	0.12	0	2.19	2.07	3.77	4.16	3.62	3.57	0.98
4.18	3.73	3.23	2.64	1.97	1.32	0.77	0.37	0.12	0	2.05	1.68	3.75	4.15	3.62	3.6	0.98
4.19	3.74	3.24	2.66	1.99	1.34	0.78	0.38	0.12	0	2.23	2.07	3.75	4.11	3.63	3.58	0.97
4.2	3.75	3.25	2.67	2.01	1.35	0.79	0.39	0.13	0	2.13	2.29	3.73	4.05	3.62	3.6	0.97
4.2	3.75	3.26	2.68	2.02	1.36	0.8	0.4	0.13	0	2.04	2.25	3.72	3.86	3.61	3.55	0.97
4.2	3.76	3.26	2.69	2.03	1.38	0.81	0.4	0.13	0	2.52	2.35	3.7	3.72	3.59	3.56	0.96
4.21	3.76	3.27	2.69	2.04	1.39	0.82	0.41	0.14	0	2.37	2.47	3.71	3.74	3.58	3.55	0.96
4.22	3.77	3.27	2.7	2.05	1.4	0.83	0.41	0.14	0	1.93	2.45	3.72	3.89	3.59	3.53	0.96
4.23	3.78	3.28	2.7	2.05	1.4	0.84	0.42	0.14	0	2.16	2.31	3.72	4	3.61	3.56	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.24	3.79	3.29	2.71	2.06	1.41	0.85	0.42	0.14	0	2.28	2.15	3.75	4.11	3.58	3.6	0.96
4.25	3.8	3.29	2.71	2.07	1.42	0.85	0.43	0.15	0	1.82	2.35	3.74	4.19	3.6	3.63	0.96
4.26	3.81	3.3	2.72	2.08	1.43	0.86	0.43	0.15	0	2.1	2.52	3.74	4.21	3.61	3.61	0.96
4.27	3.81	3.31	2.73	2.09	1.44	0.87	0.44	0.15	0	1.96	2.39	3.74	4.13	3.61	3.62	0.96
4.27	3.82	3.31	2.74	2.1	1.45	0.88	0.45	0.15	0	1.79	2.38	3.74	4.04	3.6	3.59	0.96
4.28	3.83	3.32	2.75	2.11	1.47	0.89	0.45	0.16	0	1.95	2.44	3.74	4	3.6	3.56	0.96
4.28	3.83	3.33	2.76	2.13	1.48	0.9	0.46	0.16	0	1.93	2.36	3.72	3.96	3.62	3.6	0.96
4.28	3.83	3.34	2.78	2.14	1.49	0.91	0.47	0.16	0	1.76	2.27	3.73	3.92	3.62	3.58	0.96
4.28	3.84	3.35	2.79	2.16	1.51	0.92	0.47	0.16	0	1.77	1.98	3.73	3.81	3.61	3.58	0.96
4.28	3.84	3.36	2.81	2.18	1.52	0.93	0.48	0.17	0	1.86	2.19	3.71	3.75	3.6	3.57	0.96
4.28	3.85	3.37	2.82	2.19	1.53	0.94	0.48	0.17	0	2.08	2.27	3.72	3.81	3.61	3.56	0.96
4.28	3.85	3.38	2.83	2.21	1.54	0.94	0.49	0.17	0	2.08	2.37	3.72	3.82	3.62	3.59	0.96
4.29	3.86	3.39	2.84	2.22	1.55	0.95	0.49	0.18	0	2.05	2.24	3.74	3.82	3.61	3.62	0.96
4.29	3.87	3.4	2.85	2.23	1.56	0.96	0.5		9.6	1.59	2.18	3.73	3.81	3.63	3.61	0.96
4.3	3.87	3.4	2.86	2.24	1.57	0.97	0.5	0.19	0	1.42	2.37	3.73	3.82	3.62	3.59	0.96
4.3	3.87	3.41	2.86	2.24	1.58	0.97	0.51	0.19	0	2.2	2.4	3.72	3.89	3.65	3.59	0.96
4.3	3.87	3.41	2.87	2.25	1.58	0.97	0.51	0.19	0	2.21	2.36	3.75	3.91	3.64	3.59	0.96
4.29	3.87	3.41	2.87	2.25	1.59	0.97	0.51	0.19	0	2.04	2.28	3.73	3.91	3.62	3.55	0.96
4.29	3.87	3.41	2.87	2.25	1.59	0.97	0.51	0.19	0	1.46	2.39	3.72	3.88	3.59	3.57	0.96
4.29	3.87	3.41	2.87	2.25	1.59	0.97	0.51	0.19	0	1.87	2.42	3.71	3.9	3.58	3.59	0.97
4.29	3.87	3.41	2.87	2.26	1.59	0.97	0.5	0.19	0	2.09	2.35	3.7	3.92	3.58	3.59	0.97
4.29	3.87	3.41	2.87	2.26	1.59	0.97	0.5	0.19	0	2.25	2.28	3.71	3.98	3.59	3.59	0.97
4.3	3.87	3.41	2.88	2.26	1.59	0.97	0.5	0.19	0	1.92	2.34	3.72	4.05	3.59	3.62	0.98
4.3	3.87	3.41	2.88	2.26	1.59	0.97	0.5	0.19	0	1.63	2.24	3.73	4.21	3.62	3.63	0.98
4.31	3.88	3.41	2.88	2.26	1.59	0.97	0.5	0.18	0	2.27	2.29	3.77	4.21	3.64	3.59	0.99
4.31	3.88	3.41	2.88	2.26	1.6	0.97	0.5	0.18	0	2.37	2.37	3.77	4.17	3.64	3.6	0.99
4.31	3.88	3.42	2.89	2.27	1.6	0.98	0.5	0.18	0	2.28	2.25	3.76	4.15	3.65	3.61	0.99
4.31	3.88	3.42	2.89	2.28	1.61	0.98	0.5	0.18	0	1.88	1.88	3.74	4.05	3.62	3.57	0.99
4.31	3.88	3.42	2.9	2.29	1.62	0.99	0.51	0.18	0	2.02	2.1	3.73	3.97	3.61	3.57	0.99
4.3	3.87	3.42	2.9	2.3	1.63	1	0.52	0.19	0	2.27	2.43	3.74	3.92	3.6	3.59	0.99
4.29	3.87	3.42	2.91	2.31	1.65	1.02	0.52	0.19	0	2.05	2.33	3.74	3.89	3.61	3.59	0.99
4.28	3.86	3.42	2.91	2.32	1.66	1.03	0.53	0.19	0	2.19	2.3	3.75	3.91	3.6	3.57	0.99
4.28	3.86	3.42	2.92	2.32	1.67	1.04	0.54	0.2	0	2.39	2.27	3.74	3.83	3.61	3.57	0.99
4.27	3.85	3.41	2.92	2.33	1.68	1.04	0.54	0.2	0	2.36	2.25	3.73	3.81	3.62	3.61	0.99
4.27	3.86	3.42	2.92	2.34	1.69	1.05	0.54	0.2	0	2.1	2.43	3.74	3.91	3.63	3.64	0.99
4.28	3.86	3.42	2.93	2.34	1.69	1.06	0.55	0.2	0	2.69	2.51	3.72	3.98	3.61	3.65	0.99
4.29	3.87	3.44	2.94	2.35	1.7	1.06	0.55	0.2	0	2.72	2.46	3.72	4.02	3.62	3.63	0.99
4.3	3.88	3.45	2.95	2.36	1.71	1.07	0.55	0.2	0	1.85	2.16	3.75	3.89	3.61	3.62	0.99
4.31	3.89	3.46	2.96	2.37	1.72	1.08	0.56	0.2	0	2.5	2.46	3.74	3.8	3.62	3.6	0.99
4.32	3.91	3.47	2.97	2.38	1.73	1.09	0.57	0.21	0	2.48	2.27	3.75	3.93	3.63	3.58	0.99
4.33	3.92	3.48	2.98	2.39	1.74	1.1	0.57	0.21	0	2.01	2.29	3.75	3.97	3.64	3.62	0.99
4.33	3.92	3.49	2.99	2.4	1.75	1.11	0.58	0.21	0	1.81	2.51	3.75	3.98	3.62	3.62	0.99
4.33	3.92	3.49	3	2.41	1.76	1.11	0.58	0.21	0	1.59	2.56	3.74	3.95	3.62	3.58	0.99
4.32	3.92	3.49	3	2.41	1.76	1.12	0.59	0.22	0	1.75	2.24	3.73	3.88	3.62	3.58	0.99
4.32	3.91	3.49	3	2.42	1.77	1.12	0.59	0.22	0	1.35	2.06	3.74	3.86	3.62	3.56	0.99
4.32	3.91	3.48	3	2.42	1.77	1.13	0.6	0.22	0	1.99	2.33	3.74	3.83	3.6	3.58	0.99
4.32	3.91	3.48	3	2.42	1.77	1.13	0.6	0.23	0	2.1	2.51	3.74	3.83	3.62	3.57	0.99
4.33	3.92	3.49	3	2.42	1.77	1.13	0.61	0.23	0	1.9	2.33	3.74	3.87	3.63	3.56	0.99
4.34	3.93	3.49	3	2.43	1.77	1.14	0.61	0.23	0	1.49	2.19	3.72	3.94	3.62	3.59	0.99
4.36	3.94	3.5	3.01	2.43	1.78	1.14	0.61	0.24	0	1.7	2.21	3.74	3.96	3.6	3.6	0.99
4.38	3.96	3.51	3.01	2.43	1.78	1.14	0.61	0.24	0	2.11	2.45	3.73	3.99	3.61	3.57	0.99
4.39	3.97	3.52	3.01	2.43	1.78	1.14	0.61	0.24	0	2.03	2.48	3.74	3.99	3.61	3.59	0.99
4.41	3.98	3.53	3.02	2.43	1.78	1.14	0.61	0.24	0	1.94	2.46	3.75	4.05	3.64	3.57	0.99
4.42	3.99	3.53	3.02	2.43	1.77	1.14	0.61	0.25	0	2.06	2.51	3.76	4.13	3.63	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.42	3.99	3.54	3.02	2.43	1.77	1.14	0.61	0.25	0	1.85	2.45	3.77	4.16	3.63	3.61	0.99
4.42	3.99	3.54	3.03	2.43	1.77	1.13	0.61	0.25	0	1.59	2.29	3.76	4.18	3.63	3.6	0.99
4.42	3.99	3.54	3.03	2.43	1.77	1.13	0.61	0.25	0	1.84	2.29	3.75	4.13	3.61	3.6	0.99
4.41	3.99	3.54	3.03	2.43	1.77	1.13	0.61	0.25	0	2.12	2.32	3.76	4.08	3.59	3.58	0.99
4.4	3.98	3.54	3.03	2.43	1.77	1.13	0.61	0.25	0	2.13	2.54	3.73	4.01	3.6	3.59	0.99
4.39	3.97	3.53	3.02	2.43	1.77	1.13	0.61	0.25	0	2.01	2.36	3.74	4.02	3.6	3.6	0.99
4.37	3.96	3.52	3.02	2.43	1.77	1.13	0.61	0.24	0	1.68	2.33	3.75	4.07	3.62	3.6	1
4.35	3.95	3.51	3.01	2.43	1.77	1.13	0.61	0.24	0	2.02	2.42	3.77	4.1	3.64	3.59	1
4.33	3.93	3.5	3	2.42	1.77	1.13	0.61	0.24	0	2.22	2.12	3.74	4.04	3.62	3.61	1
4.31	3.91	3.49	3	2.42	1.76	1.12	0.61	0.24	0	1.95	2.15	3.75	3.97	3.63	3.59	1
4.29	3.9	3.48	2.99	2.41	1.76	1.12	0.61	0.24	0	2.06	2.37	3.73	3.82	3.6	3.54	1
4.28	3.89	3.47	2.98	2.41	1.76	1.12	0.6	0.23	0	2.34	2.42	3.72	3.8	3.59	3.55	1
4.27	3.88	3.46	2.98	2.4	1.75	1.11	0.6	0.23	0	2.38	2.2	3.73	3.83	3.61	3.56	1.01
4.26	3.87	3.45	2.97	2.4	1.74	1.11	0.6	0.23	0	1.85	1.94	3.73	3.9	3.61	3.6	1.01
4.26	3.87	3.45	2.96	2.39	1.74	1.1	0.59	0.22	0	1.57	2.26	3.75	4	3.63	3.62	1.01
4.25	3.86	3.44	2.95	2.38	1.73	1.09	0.58	0.22	0	2.15	2.17	3.78	4.03	3.63	3.62	1.01
4.25	3.86	3.43	2.95	2.37	1.71	1.09	0.58	0.22	0	2.26	2.29	3.78	4.04	3.65	3.6	1.02
4.24	3.85	3.43	2.94	2.36	1.7	1.08	0.57	0.21	0	2.08	2.38	3.78	3.99	3.65	3.6	1.02
4.23	3.84	3.42	2.93	2.34	1.69	1.07	0.57	0.21	0	1.74	2.31	3.76	3.91	3.63	3.6	1.01
4.22	3.83	3.41	2.92	2.33	1.68	1.06	0.56	0.21	0	1.78	2.31	3.74	3.83	3.65	3.59	1.01
4.21	3.82	3.4	2.91	2.32	1.67	1.05	0.55	0.2	0	1.96	2.17	3.75	3.78	3.61	3.58	1.01
4.21	3.82	3.4	2.9	2.31	1.66	1.04	0.55	0.2	0	1.96	2.19	3.75	3.8	3.59	3.57	1.01
4.2	3.82	3.39	2.9	2.3	1.65	1.04	0.55	0.2	0	2.11	2.31	3.75	3.8	3.6	3.58	1
4.21	3.82	3.39	2.89	2.3	1.65	1.03	0.54	0.19	0	2.06	2.35	3.75	3.87	3.63	3.57	1
4.22	3.83	3.4	2.89	2.29	1.64	1.02	0.53	0.19	0	2.02	2.39	3.75	3.9	3.64	3.59	1
4.23	3.84	3.4	2.89	2.29	1.63	1.01	0.53	0.19	0	1.74	2.48	3.74	3.87	3.61	3.58	0.99
4.25	3.85	3.41	2.89	2.28	1.62	1	0.52	0.18	0	1.7	2.42	3.73	3.83	3.6	3.56	0.99
4.27	3.87	3.43	2.9	2.28	1.61	0.99	0.51	0.18	0	1.73	2.64	3.73	3.85	3.6	3.56	0.99
4.29	3.89	3.44	2.91	2.28	1.61	0.98	0.5	0.18	0	2.14	2.52	3.74	3.91	3.61	3.57	0.99
4.32	3.91	3.46	2.92	2.29	1.6	0.98	0.5	0.18	0	1.9	2.46	3.75	3.96	3.61	3.59	0.99
4.34	3.93	3.47	2.93	2.29	1.6	0.97	0.49	0.18	0	2	2.44	3.75	4	3.6	3.59	0.99
4.36	3.95	3.49	2.94	2.29	1.6	0.97	0.49	0.17	0	1.86	2.38	3.75	3.98	3.62	3.6	0.98
4.38	3.97	3.5	2.95	2.3	1.6	0.97	0.49	0.17	0	1.7	2.39	3.73	3.9	3.63	3.59	0.98
4.41	3.99	3.52	2.96	2.31	1.6	0.96	0.49	0.17	0	2.17	2.36	3.74	3.89	3.62	3.57	0.98
4.43	4.01	3.53	2.97	2.31	1.6	0.96	0.48	0.17	0	2.07	2.3	3.74	3.81	3.64	3.57	0.98
4.45	4.03	3.55	2.98	2.32	1.6	0.96	0.48	0.17	0	1.93	2.42	3.74	3.81	3.61	3.58	0.97
4.48	4.05	3.57	2.99	2.33	1.61	0.96	0.48	0.17	0	2.19	2.41	3.72	3.78	3.6	3.58	0.97
4.5	4.07	3.58	3	2.33	1.61	0.96	0.48	0.17	0	2.05	2.19	3.71	3.81	3.59	3.58	0.96
4.52	4.09	3.6	3.02	2.34	1.61	0.96	0.48	0.17	0	1.92	2.3	3.72	3.93	3.61	3.56	0.96
4.55	4.11	3.61	3.03	2.34	1.62	0.97	0.48	0.17	0	2.2	2.24	3.73	4.02	3.62	3.57	0.96
4.56	4.13	3.63	3.04	2.35	1.62	0.97	0.48	0.17	0	2.1	2.33	3.75	4.08	3.6	3.6	0.95
4.58	4.14	3.64	3.05	2.36	1.63	0.97	0.48	0.17	0	1.8	2.2	3.75	4.12	3.62	3.63	0.95
4.6	4.15	3.65	3.06	2.37	1.63	0.97	0.48	0.17	0	1.93	2.15	3.74	4.12	3.61	3.61	0.95
4.62	4.17	3.67	3.07	2.37	1.63	0.97	0.48	0.17	0	1.89	2.22	3.72	4.06	3.59	3.6	0.95
4.63	4.19	3.68	3.09	2.38	1.64	0.97	0.48	0.17	0	1.82	2.28	3.72	4.04	3.58	3.58	0.96
4.65	4.2	3.7	3.1	2.39	1.64	0.97	0.48	0.17	0	1.88	2.44	3.73	4.03	3.6	3.57	0.96
4.68	4.22	3.72	3.11	2.4	1.65	0.97	0.48	0.17	0	1.69	2.41	3.73	4.1	3.59	3.6	0.96
4.7	4.24	3.73	3.12	2.41	1.65	0.97	0.48	0.17	0	1.89	2.44	3.75	4.14	3.6	3.6	0.97
4.72	4.26	3.75	3.13	2.42	1.65	0.97	0.48	0.17	0	2.17	2.39	3.76	4.17	3.62	3.63	0.97
4.74	4.27	3.76	3.14	2.42	1.65	0.97	0.48	0.17	0	2.04	2.5	3.77	4.3	3.64	3.67	0.98
4.75	4.28	3.76	3.14	2.41	1.64	0.96	0.48	0.17	0	1.88	2.48	3.77	4.34	3.63	3.66	0.98
4.74	4.28	3.75	3.14	2.41	1.64	0.96	0.47	0.17	0	1.85	2.31	3.77	4.32	3.63	3.65	0.99
4.73	4.26	3.74	3.12	2.39	1.63	0.95	0.47	0.16	0	1.7	2.39	3.77	4.27	3.63	3.68	0.99
4.71	4.24	3.72	3.1	2.38	1.62	0.95	0.47	0.16	0	2.22	2.41	3.76	4.18	3.62	3.63	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.69	4.22	3.69	3.08	2.36	1.61	0.94	0.47	0.16	0	1.57	2.27	3.75	4.08	3.62	3.58	0.99
4.66	4.19	3.67	3.06	2.34	1.59	0.94	0.46	0.16	0	1.67	2.3	3.74	4	3.62	3.55	0.99
4.63	4.17	3.64	3.03	2.32	1.58	0.93	0.46	0.16	0	1.67	2.37	3.74	4	3.62	3.56	0.99
4.61	4.15	3.62	3.01	2.31	1.57	0.92	0.45	0.16	0	1.88	2.22	3.73	4.03	3.62	3.6	0.98
4.59	4.13	3.61	3	2.29	1.56	0.92	0.45	0.16	0	1.55	2.27	3.73	3.97	3.62	3.58	0.98
4.58	4.12	3.6	2.98	2.28	1.55	0.91	0.45	0.16	0	1.66	2.48	3.73	3.99	3.62	3.59	0.98
4.57	4.11	3.58	2.97	2.27	1.54	0.91	0.45	0.16	0	2.01	2.3	3.73	3.93	3.6	3.57	0.98
4.55	4.1	3.57	2.96	2.26	1.54	0.9	0.44	0.16	0	1.73	2.06	3.74	3.86	3.59	3.57	0.98
4.54	4.09	3.56	2.95	2.25	1.53	0.9	0.44	0.16	0	1.63	2.19	3.75	3.85	3.6	3.59	0.98
4.53	4.07	3.55	2.94	2.24	1.52	0.9	0.44	0.15	0	1.63	2.25	3.74	3.83	3.63	3.59	0.98
4.51	4.06	3.54	2.93	2.23	1.52	0.89	0.43	0.15	0	1.58	2.33	3.74	3.81	3.64	3.6	0.98
4.49	4.04	3.52	2.92	2.23	1.51	0.89	0.43	0.15	0	1.61	2.28	3.73	3.83	3.62	3.62	0.98
4.47	4.02	3.51	2.91	2.22	1.51	0.89	0.43	0.15	0	1.5	2.42	3.73	3.81	3.62	3.61	0.98
4.44	4	3.5	2.9	2.22	1.51	0.89	0.43	0.15	0	1.63	2.5	3.73	3.85	3.61	3.58	0.98
4.42	3.99	3.49	2.9	2.23	1.52	0.89	0.43	0.15	0	2.12	2.44	3.76	3.82	3.63	3.58	0.98
4.4	3.97	3.48	2.9	2.23	1.52	0.89	0.43	0.15	0	2.02	2.32	3.74	3.82	3.62	3.57	0.98
4.39	3.96	3.48	2.9	2.24	1.53	0.9	0.44	0.15	0	1.42	2.38	3.73	3.8	3.6	3.58	0.98
4.38	3.96	3.48	2.91	2.25	1.54	0.91	0.45	0.16	0	2.25	2.37	3.73	3.82	3.61	3.6	0.98
4.37	3.96	3.48	2.92	2.26	1.56	0.92	0.45	0.16	0	2.37	2.29	3.72	3.81	3.58	3.59	0.97
4.37	3.95	3.48	2.93	2.27	1.57	0.93	0.46	0.16	0	1.92	2.4	3.73	3.8	3.58	3.59	0.97
4.37	3.95	3.48	2.93	2.28	1.58	0.94	0.46	0.16	0	1.8	2.25	3.73	3.84	3.61	3.58	0.97
4.36	3.95	3.48	2.94	2.29	1.59	0.95	0.47	0.17	0	2.19	1.86	3.74	3.92	3.62	3.6	0.97
4.36	3.95	3.48	2.94	2.29	1.6	0.96	0.48	0.17	0	2.11	2.37	3.75	3.96	3.63	3.61	0.97
4.35	3.94	3.48	2.94	2.3	1.61	0.97	0.48	0.17	0	2.06	2.35	3.74	3.98	3.64	3.57	0.97
4.34	3.94	3.48	2.95	2.31	1.62	0.98	0.49	0.18	0	1.98	2.2	3.74	3.92	3.63	3.57	0.97
4.33	3.93	3.48	2.96	2.32	1.64	0.99	0.5	0.18	0	1.49	2.12	3.73	3.86	3.64	3.56	0.97
4.33	3.93	3.49	2.96	2.33	1.65	1	0.51	0.18	0	2.12	2.03	3.73	3.8	3.6	3.57	0.97
4.32	3.93	3.49	2.97	2.34	1.66	1.01	0.52	0.19	0	2.28	2.53	3.72	3.79	3.61	3.58	0.97
4.32	3.93	3.49	2.97	2.35	1.67	1.02	0.52	0.19	0	2.29	2.59	3.7	3.79	3.6	3.54	0.97
4.33	3.93	3.49	2.98	2.36	1.68	1.03	0.53	0.19	0	1.92	2.56	3.71	3.76	3.6	3.56	0.97
4.33	3.94	3.5	2.99	2.37	1.68	1.04	0.53	0.2	0	1.88	2.4	3.74	3.85	3.6	3.57	0.97
4.34	3.94	3.5	2.99	2.38	1.69	1.05	0.54	0.2	0	2.07	2.41	3.75	3.89	3.63	3.56	0.97
4.35	3.95	3.51	3	2.38	1.7	1.05	0.54	0.2	0	2.41	2.33	3.74	3.98	3.63	3.58	0.97
4.35	3.96	3.52	3.01	2.39	1.71	1.06	0.55	0.21	0	2.07	2.37	3.74	3.97	3.63	3.58	0.97
4.36	3.96	3.52	3.01	2.4	1.72	1.07	0.56	0.21	0	1.82	2.43	3.74	3.97	3.61	3.56	0.97
4.37	3.97	3.53	3.02	2.41	1.73	1.08	0.56	0.21	0	2.04	2.48	3.74	3.96	3.6	3.58	0.97
4.37	3.98	3.54	3.03	2.42	1.75	1.09	0.57	0.22	0	2.11	2.46	3.71	3.9	3.61	3.57	0.97
4.38	3.99	3.55	3.04	2.43	1.76	1.1	0.57	0.22	0	2	2.48	3.7	3.94	3.59	3.54	0.97
4.39	3.99	3.56	3.05	2.44	1.77	1.11	0.58	0.22	0	1.77	2.46	3.72	3.99	3.59	3.57	0.97
4.4	4	3.57	3.06	2.45	1.78	1.11	0.58	0.22	0	2.1	2.46	3.72	4.08	3.59	3.6	0.97
4.41	4.01	3.58	3.07	2.46	1.79	1.12	0.59	0.23	0	1.74	2.41	3.73	4.13	3.61	3.61	0.97
4.42	4.03	3.59	3.08	2.47	1.79	1.13	0.59	0.23	0	1.94	2.15	3.73	4.15	3.62	3.6	0.97
4.43	4.04	3.6	3.09	2.48	1.8	1.14	0.59	0.23	0	1.99	2.43	3.74	4.13	3.61	3.6	0.97
4.45	4.05	3.61	3.1	2.49	1.81	1.14	0.6	0.23	0	1.77	2.4	3.73	4.1	3.63	3.59	0.97
4.46	4.06	3.62	3.11	2.5	1.82	1.15	0.6	0.23	0	1.84	2.19	3.73	4.09	3.62	3.6	0.97
4.47	4.07	3.63	3.12	2.51	1.83	1.16	0.61	0.23	0	1.74	2.14	3.75	4.08	3.61	3.59	0.97
4.48	4.08	3.64	3.13	2.52	1.84	1.16	0.61	0.24	0	1.91	2.17	3.73	4.09	3.61	3.6	0.97
4.48	4.09	3.65	3.13	2.53	1.85	1.17	0.62	0.24	0	1.87	2.06	3.73	4.07	3.6	3.57	0.97
4.49	4.09	3.65	3.14	2.54	1.86	1.18	0.62	0.24	0	1.92	2.16	3.73	4.03	3.61	3.58	0.97
4.49	4.1	3.66	3.15	2.55	1.86	1.19	0.63	0.24	0	1.78	2.34	3.72	3.98	3.62	3.56	0.97
4.5	4.1	3.66	3.16	2.56	1.87	1.19	0.63	0.24	0	2.06	2.43	3.73	3.95	3.61	3.57	0.97
4.5	4.1	3.67	3.16	2.56	1.88	1.2	0.63	0.25	0	1.89	2.46	3.74	3.92	3.63	3.58	0.97
4.5	4.11	3.67	3.17	2.57	1.88	1.2	0.64	0.25	0	1.76	2.43	3.73	3.91	3.63	3.59	0.98
4.5	4.11	3.67	3.17	2.57	1.89	1.21	0.64	0.25	0	1.64	2.36	3.74	3.93	3.62	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.5	4.11	3.68	3.18	2.58	1.9	1.21	0.65	0.25	0	1.9	2.27	3.74	3.93	3.63	3.57	0.98
4.5	4.1	3.68	3.18	2.59	1.9	1.22	0.65	0.25	0	1.68	2.23	3.75	3.91	3.6	3.57	0.98
4.49	4.1	3.68	3.19	2.59	1.91	1.22	0.65	0.25	0	1.77	2.16	3.72	3.87	3.6	3.56	0.98
4.49	4.1	3.68	3.19	2.59	1.91	1.23	0.66	0.26	0	2.24	2.17	3.73	3.84	3.59	3.57	0.98
4.48	4.1	3.68	3.19	2.6	1.92	1.23	0.66	0.26	0	2.12	2.13	3.73	3.86	3.59	3.53	0.98
4.48	4.09	3.67	3.19	2.6	1.92	1.24	0.67	0.26	0	2.01	2.33	3.74	3.9	3.6	3.55	0.98
4.47	4.09	3.67	3.19	2.61	1.93	1.24	0.67	0.27	0	2.34	2.27	3.75	3.99	3.62	3.57	0.98
4.47	4.09	3.67	3.19	2.61	1.93	1.25	0.68	0.27	0	2.34	2.55	3.76	3.96	3.63	3.58	0.98
4.46	4.08	3.67	3.19	2.61	1.93	1.25	0.68	0.27	0	1.64	2.48	3.74	3.86	3.63	3.59	0.98
4.45	4.08	3.66	3.19	2.61	1.94	1.25	0.68	0.28	0	2.24	2.26	3.72	3.77	3.61	3.6	0.98
4.45	4.07	3.66	3.18	2.61	1.94	1.26	0.69	0.28	0	2.24	2.31	3.72	3.8	3.6	3.57	0.98
4.44	4.07	3.66	3.18	2.61	1.94	1.26	0.69	0.28	0	1.91	2.43	3.73	3.78	3.6	3.56	0.98
4.44	4.06	3.65	3.18	2.61	1.94	1.26	0.69	0.28	0	1.5	2.21	3.74	3.77	3.62	3.58	0.98
4.44	4.06	3.65	3.18	2.61	1.94	1.26	0.69	0.28	0	1.94	2	3.73	3.77	3.6	3.6	0.98
4.44	4.06	3.65	3.18	2.61	1.94	1.26	0.69	0.28	0	1.85	2.14	3.74	3.8	3.6	3.59	0.98
4.44	4.06	3.65	3.18	2.61	1.94	1.26	0.68	0.28	0	2	2.3	3.75	3.85	3.62	3.58	0.98
4.44	4.06	3.65	3.17	2.6	1.93	1.25	0.68	0.28	0	2.12	1.98	3.75	3.96	3.64	3.58	0.98
4.43	4.05	3.64	3.17	2.59	1.92	1.24	0.68	0.27	0	2.18	2.17	3.76	3.95	3.64	3.61	0.98
4.43	4.05	3.63	3.16	2.59	1.92	1.24	0.67	0.27	0	1.99	2.39	3.75	3.94	3.64	3.58	0.99
4.42	4.04	3.63	3.16	2.58	1.91	1.23	0.67	0.27	0	1.99	2.48	3.74	3.92	3.63	3.6	0.99
4.41	4.03	3.62	3.15	2.58	1.91	1.23	0.66	0.26	0	1.86	2.27	3.72	3.84	3.62	3.6	0.99
4.4	4.02	3.61	3.14	2.57	1.9	1.22	0.66	0.26	0	2.15	2.45	3.72	3.78	3.62	3.57	0.99
4.39	4.02	3.61	3.13	2.56	1.89	1.22	0.65	0.26	0	2.15	2.5	3.73	3.78	3.61	3.57	0.99
4.39	4.01	3.6	3.13	2.56	1.88	1.21	0.65	0.26	0	1.98	2.47	3.75	3.8	3.61	3.56	0.99
4.39	4.01	3.6	3.12	2.55	1.87	1.2	0.64	0.25	0	1.87	2.37	3.72	3.87	3.6	3.56	0.99
4.38	4.01	3.6	3.11	2.53	1.86	1.19	0.63	0.25	0	1.69	2.43	3.73	3.87	3.6	3.6	0.99
4.38	4.01	3.59	3.11	2.52	1.85	1.18	0.62	0.24	0	1.96	2.43	3.73	3.95	3.63	3.59	0.99
4.38	4	3.59	3.1	2.51	1.83	1.16	0.62	0.24	0	1.96	2.19	3.75	3.91	3.62	3.59	0.99
4.38	4	3.58	3.09	2.49	1.82	1.15	0.61	0.23	0	1.85	2.3	3.74	3.89	3.6	3.58	0.99
4.37	3.99	3.57	3.08	2.48	1.81	1.14	0.6	0.23	0	1.84	2.5	3.74	3.91	3.61	3.6	0.99
4.35	3.98	3.56	3.06	2.46	1.79	1.13	0.6	0.23	0	1.91	2.41	3.74	3.92	3.62	3.57	0.99
4.34	3.97	3.54	3.05	2.45	1.78	1.12	0.59	0.22	0	2.03	2.27	3.75	3.94	3.62	3.57	0.99
4.32	3.95	3.53	3.03	2.43	1.77	1.11	0.59	0.22	0	2.05	2.11	3.75	3.97	3.6	3.59	0.99
4.3	3.93	3.51	3.01	2.42	1.75	1.1	0.58	0.22	0	1.72	2.27	3.75	3.9	3.59	3.59	0.99
4.27	3.91	3.49	3	2.4	1.74	1.09	0.57	0.22	0	1.64	2.1	3.74	3.93	3.61	3.6	0.99
4.25	3.89	3.47	2.98	2.38	1.72	1.08	0.57	0.21	0	1.53	2.47	3.75	3.89	3.63	3.59	0.99
4.23	3.86	3.45	2.96	2.36	1.71	1.07	0.56	0.21	0	1.49	2.36	3.73	3.81	3.62	3.54	0.99
4.21	3.84	3.43	2.94	2.35	1.69	1.06	0.56	0.21	0	1.56	2.1	3.73	3.77	3.62	3.58	0.99
4.19	3.82	3.41	2.92	2.33	1.68	1.05	0.55	0.2	0	1.81	1.56	3.75	3.83	3.62	3.59	1
4.17	3.8	3.39	2.9	2.3	1.66	1.03	0.54	0.2	0	1.95	2.43	3.75	3.83	3.63	3.57	1
4.15	3.78	3.37	2.87	2.28	1.64	1.02	0.54	0.2	0	1.99	2.41	3.74	3.82	3.63	3.59	1
4.14	3.77	3.35	2.85	2.26	1.62	1.01	0.53	0.19	0	1.36	2.33	3.75	3.8	3.64	3.58	1
4.12	3.75	3.33	2.84	2.24	1.6	1	0.52	0.19	0	1.89	2.25	3.73	3.81	3.64	3.6	1
4.11	3.74	3.32	2.82	2.23	1.58	0.98	0.51	0.19	0	1.96	2.22	3.74	3.82	3.63	3.6	1
4.1	3.73	3.3	2.8	2.21	1.57	0.97	0.51	0.18	0	1.88	2.43	3.74	3.83	3.63	3.59	1
4.09	3.72	3.29	2.79	2.19	1.55	0.97	0.5	0.18	0	2.12	2.18	3.74	3.86	3.61	3.59	1
4.08	3.71	3.29	2.78	2.18	1.55	0.96	0.5	0.18	0	2.01	2.34	3.76	3.88	3.63	3.58	1
4.08	3.71	3.28	2.77	2.17	1.54	0.96	0.5	0.18	0	2.01	2.07	3.75	3.87	3.63	3.57	1
4.07	3.7	3.27	2.76	2.17	1.53	0.95	0.5	0.18	0	1.56	2.16	3.75	3.82	3.65	3.58	0.99
4.07	3.7	3.27	2.76	2.16	1.53	0.95	0.5	0.18	0	1.65	2.19	3.74	3.79	3.61	3.57	0.99
4.06	3.69	3.27	2.75	2.16	1.53	0.95	0.5	0.19	0	2.15	2.27	3.73	3.83	3.59	3.58	0.99
4.06	3.69	3.26	2.75	2.15	1.52	0.94	0.5	0.19	0	2.04	2.34	3.73	3.81	3.61	3.57	0.98
4.06	3.68	3.26	2.75	2.15	1.52	0.94	0.5	0.19	0	2.1	2.03	3.73	3.85	3.59	3.58	0.98
4.06	3.68	3.26	2.75	2.15	1.52	0.95	0.5	0.19	0	1.72	2.14	3.73	3.9	3.6	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.06	3.68	3.26	2.75	2.16	1.53	0.95	0.5	0.19	0	1.53	2.32	3.75	3.95	3.64	3.58	0.97
4.06	3.68	3.26	2.75	2.16	1.53	0.95	0.5	0.19	0	2.09	2.31	3.74	4.03	3.62	3.58	0.97
4.06	3.68	3.26	2.76	2.17	1.54	0.96	0.51	0.19	0	2.14	2.4	3.74	4.07	3.65	3.57	0.97
4.05	3.68	3.25	2.76	2.17	1.54	0.96	0.51	0.19	0	2.05	2.41	3.74	4.07	3.65	3.59	0.97
4.04	3.67	3.25	2.76	2.17	1.54	0.96	0.51	0.19	0	1.48	2.34	3.74	3.99	3.62	3.57	0.97
4.04	3.66	3.25	2.76	2.17	1.55	0.97	0.51	0.19	0	2.01	2.31	3.73	3.99	3.62	3.57	0.97
4.04	3.66	3.25	2.76	2.18	1.55	0.97	0.52	0.2	0	1.76	2.47	3.73	4.02	3.61	3.54	0.96
4.04	3.66	3.25	2.76	2.18	1.56	0.98	0.52	0.2	0	1.96	2.45	3.72	4.06	3.61	3.57	0.96
4.04	3.66	3.25	2.76	2.19	1.57	0.98	0.52	0.2	0	2.02	2.33	3.74	4.11	3.61	3.6	0.96
4.04	3.67	3.25	2.76	2.19	1.57	0.99	0.53	0.2	0	1.77	2.44	3.74	4.15	3.61	3.61	0.96
4.05	3.67	3.25	2.76	2.19	1.58	0.99	0.53	0.21	0	2.13	2.48	3.76	4.19	3.61	3.6	0.96
4.05	3.67	3.25	2.76	2.2	1.58	1	0.53	0.21	0	2.21	2.4	3.76	4.14	3.63	3.57	0.96
4.05	3.67	3.25	2.76	2.2	1.58	1	0.54	0.21	0	1.87	2.32	3.74	4.09	3.63	3.57	0.96
4.05	3.67	3.25	2.76	2.2	1.59	1	0.54	0.22	0	1.89	2.43	3.73	4.04	3.6	3.56	0.96
4.04	3.67	3.25	2.76	2.2	1.59	1.01	0.54	0.22	0	1.79	2.46	3.73	4.06	3.59	3.57	0.96
4.03	3.66	3.25	2.76	2.2	1.59	1.01	0.54	0.22	0	1.8	2.47	3.74	4.13	3.62	3.6	0.96
4.03	3.66	3.25	2.76	2.2	1.59	1.01	0.54	0.22	0	1.77	2.5	3.75	4.15	3.61	3.63	0.97
4.02	3.65	3.24	2.76	2.2	1.6	1.01	0.54	0.22	0	1.81	2.39	3.75	4.11	3.59	3.63	0.97
4.02	3.65	3.25	2.77	2.21	1.6	1.02	0.54	0.22	0	1.36	2.38	3.75	4.16	3.61	3.62	0.97
4.01	3.65	3.25	2.77	2.22	1.61	1.02	0.54	0.22	0	2.2	2.33	3.75	4.18	3.61	3.62	0.98
4.01	3.65	3.25	2.78	2.22	1.61	1.02	0.54	0.21	0	2.2	2.1	3.73	4.09	3.62	3.58	0.98
4.01	3.65	3.25	2.78	2.23	1.62	1.02	0.54	0.21	0	2	2.41	3.73	4.08	3.63	3.59	0.98
4.01	3.65	3.25	2.79	2.23	1.62	1.02	0.54	0.21	0	1.75	2.43	3.74	4.05	3.61	3.58	0.99
4	3.64	3.25	2.79	2.23	1.62	1.02	0.54	0.21	0	1.89	2.1	3.74	4.03	3.62	3.6	0.99
4	3.64	3.25	2.79	2.24	1.62	1.02	0.53	0.2	0	1.87	2.26	3.75	4.05	3.63	3.59	0.99
3.99	3.63	3.25	2.79	2.23	1.62	1.01	0.53	0.2	0	1.82	2.06	3.75	4.06	3.63	3.59	0.99
3.98	3.63	3.24	2.79	2.23	1.62	1.01	0.52	0.2	0	1.8	1.89	3.76	4.1	3.63	3.59	0.99
3.97	3.62	3.24	2.78	2.23	1.61	1	0.52	0.19	0	1.85	2.29	3.76	4.08	3.63	3.61	0.99
3.97	3.62	3.23	2.78	2.23	1.61	0.99	0.51	0.19	0	2.05	2.48	3.75	3.97	3.63	3.6	0.99
3.96	3.61	3.23	2.78	2.22	1.6	0.99	0.51	0.19	0	2.04	2.22	3.75	3.91	3.61	3.6	0.99
3.96	3.61	3.23	2.77	2.22	1.6	0.98	0.5	0.19	0	1.82	2.21	3.74	3.78	3.62	3.6	0.99
3.97	3.62	3.23	2.77	2.22	1.59	0.97	0.5	0.18	0	1.9	2.29	3.73	3.83	3.62	3.61	0.99
3.98	3.63	3.24	2.77	2.21	1.58	0.96	0.49	0.18	0	2.44	2.48	3.73	3.87	3.62	3.59	0.99
3.99	3.64	3.24	2.77	2.21	1.57	0.95	0.48	0.18	0	2.49	2.41	3.71	3.92	3.6	3.61	0.98
4.01	3.65	3.25	2.77	2.2	1.56	0.94	0.47	0.17	0	2.18	2.27	3.72	3.84	3.62	3.63	0.98
4.03	3.67	3.26	2.77	2.19	1.54	0.92	0.46	0.17	0	1.96	2.16	3.74	3.82	3.62	3.6	0.98
4.05	3.68	3.26	2.77	2.18	1.52	0.91	0.44	0.16	0	2.32	2.36	3.75	3.85	3.62	3.58	0.98
4.07	3.69	3.27	2.76	2.16	1.51	0.89	0.43	0.15	0	2.15	2.44	3.75	3.91	3.61	3.58	0.98
4.08	3.69	3.27	2.75	2.15	1.49	0.87	0.42	0.15	0	1.98	2.53	3.73	3.94	3.61	3.58	0.98
4.08	3.7	3.26	2.74	2.13	1.46	0.85	0.41	0.14	0	2.21	2.3	3.74	4	3.61	3.59	0.98
4.09	3.7	3.25	2.73	2.11	1.44	0.82	0.39	0.13	0	1.9	1.44	3.75	4.08	3.61	3.6	0.98
4.09	3.69	3.24	2.71	2.08	1.41	0.8	0.38	0.13	0	2.13	1.74	3.74	4.15	3.61	3.61	0.98
4.09	3.69	3.23	2.68	2.05	1.38	0.77	0.36	0.12	0	1.74	2.29	3.74	4.15	3.62	3.62	0.98
4.1	3.68	3.21	2.66	2.02	1.34	0.75	0.35	0.11	0	1.72	2.37	3.73	4.16	3.61	3.63	0.98
4.1	3.68	3.19	2.63	1.98	1.3	0.72	0.33	0.11	0	1.75	2.45	3.73	4.08	3.6	3.65	0.98
4.11	3.67	3.17	2.59	1.94	1.26	0.69	0.31	0.1	0	1.97	2.57	3.74	4.04	3.58	3.59	0.98
4.11	3.66	3.14	2.55	1.89	1.22	0.65	0.29	0.09	0	1.6	2.47	3.74	4.01	3.59	3.58	0.98
4.11	3.65	3.12	2.5	1.84	1.17	0.62	0.27	0.08	0	1.6	2.31	3.75	4.02	3.59	3.59	0.98
4.12	3.64	3.09	2.46	1.78	1.12	0.59	0.25	0.08	0	1.62	2.23	3.74	4.08	3.58	3.59	0.98
4.11	3.62	3.06	2.41	1.73	1.07	0.55	0.23	0.07	0	1.73	2.37	3.73	4.1	3.61	3.61	0.98
4.11	3.6	3.02	2.37	1.67	1.02	0.52	0.21	0.06	0	1.66	2.23	3.74	4.14	3.61	3.61	0.98
4.1	3.58	2.99	2.31	1.61	0.97	0.48	0.2	0.05	0	1.86	2.36	3.74	4.12	3.62	3.62	0.98
4.08	3.56	2.95	2.26	1.55	0.92	0.45	0.18	0.05	0	2.14	2.42	3.75	4.05	3.62	3.6	0.98
4.07	3.53	2.91	2.21	1.5	0.87	0.42	0.16	0.04	0	1.97	2.5	3.74	3.91	3.62	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.05	3.5	2.86	2.15	1.43	0.82	0.39	0.15	0.04	0	2	2.23	3.72	3.78	3.62	3.57	0.98
4.03	3.47	2.81	2.09	1.37	0.77	0.36	0.13	0.04	0	2.47	2.35	3.73	3.76	3.62	3.6	0.98
4.01	3.43	2.76	2.02	1.31	0.72	0.33	0.12	0.03	0	2.35	2.41	3.73	3.77	3.61	3.58	0.98
3.97	3.38	2.69	1.95	1.24	0.67	0.3	0.1	0.03	0	1.63	2.24	3.73	3.85	3.61	3.56	0.98
3.94	3.33	2.63	1.88	1.18	0.62	0.27	0.09	0.03	0	2.26	2.12	3.73	3.96	3.61	3.58	0.98
3.89	3.27	2.55	1.8	1.11	0.58	0.24	0.08	0.02	0	2.1	2.13	3.74	4.04	3.62	3.59	0.98
3.85	3.2	2.47	1.72	1.05	0.53	0.22	0.07	0.02	0	1.8	2.52	3.74	4.06	3.6	3.6	0.97
3.8	3.13	2.4	1.65	0.98	0.49	0.2	0.06	0.01	0	1.73	2.64	3.73	4.02	3.61	3.58	0.97
3.74	3.06	2.31	1.57	0.92	0.45	0.18	0.05	0.01	0	2.08	2.59	3.73	3.92	3.61	3.58	0.97
3.69	2.99	2.23	1.49	0.86	0.42	0.16	0.05	0.01	0	2.09	2.31	3.73	3.87	3.59	3.54	0.97
3.64	2.92	2.15	1.42	0.81	0.38	0.15	0.04	0.01	0	1.83	2.11	3.7	3.88	3.61	3.55	0.97
3.59	2.85	2.07	1.34	0.75	0.35	0.13	0.04	0.008	0	1.97	2.03	3.72	3.99	3.61	3.59	0.97
3.54	2.78	2	1.27	0.7	0.33	0.12	0.03	0.006	0	1.9	1.95	3.73	4.05	3.61	3.6	0.97
3.48	2.71	1.92	1.2	0.65	0.3	0.11	0.03	0.004	0	2.04	2.41	3.72	4.06	3.61	3.58	0.97
3.43	2.64	1.84	1.14	0.61	0.27	0.1	0.02	0.003	0	2.08	2.3	3.73	4.04	3.62	3.57	0.97
3.37	2.56	1.77	1.07	0.56	0.25	0.09	0.02	0.001	0	1.91	2.15	3.74	4.01	3.61	3.57	0.97
3.31	2.49	1.7	1.02	0.52	0.22	0.08	0.02	0	0	1.8	1.95	3.72	3.9	3.61	3.57	0.97
3.24	2.41	1.62	0.96	0.48	0.2	0.07	0.02	-0.001	0	1.72	2.37	3.72	3.85	3.61	3.54	0.98
3.17	2.34	1.55	0.9	0.45	0.18	0.06	0.01	-0.002	0	1.34	2.29	3.73	3.86	3.61	3.56	0.98
3.1	2.26	1.48	0.85	0.42	0.17	0.06	0.01	-0.001	0	1.37	2.25	3.73	3.8	3.63	3.58	0.98
3.03	2.19	1.42	0.81	0.39	0.16	0.05	0.01	0.002	0	2.08	2.26	3.74	3.82	3.62	3.58	0.98
2.96	2.12	1.36	0.77	0.37	0.15	0.05	0.01	0.003	0	2.03	2.35	3.74	3.81	3.63	3.56	0.98
2.88	2.04	1.3	0.72	0.35	0.14	0.05	0.01	0.005	0	1.53	2.07	3.74	3.88	3.66	3.58	0.98
2.81	1.97	1.24	0.69	0.33	0.13	0.05	0.01	0.005	0	1.83	2.04	3.74	3.97	3.64	3.56	0.99
2.74	1.9	1.18	0.65	0.31	0.13	0.04	0.01	0.006	0	2	2.22	3.75	4.01	3.62	3.58	0.99
2.67	1.84	1.13	0.62	0.29	0.12	0.04	0.01	0.006	0	2.03	2.17	3.76	4	3.61	3.57	0.99
2.6	1.77	1.08	0.59	0.28	0.11	0.04	0.01	0.006	0	1.97	1.98	3.74	3.91	3.62	3.58	0.99
2.54	1.71	1.04	0.56	0.26	0.1	0.04	0.01	0.006	0	1.77	2.24	3.73	3.84	3.63	3.59	0.99
2.48	1.66	0.99	0.53	0.25	0.1	0.03	0.01	0.007	0	2.3	2.45	3.73	3.76	3.63	3.58	0.99
2.43	1.6	0.95	0.5	0.23	0.09	0.03	0.01	0.008	0	2.08	2.43	3.72	3.77	3.58	3.58	0.99
2.38	1.56	0.92	0.48	0.22	0.09	0.03	0.01	0.009	0	1.98	2.34	3.74	3.87	3.61	3.6	0.99
2.34	1.52	0.88	0.46	0.21	0.09	0.03	0.02	0.01	0	1.89	2.41	3.74	3.97	3.64	3.59	0.99
2.3	1.48	0.85	0.44	0.2	0.09	0.03	0.02	0.01	0	2.15	2.31	3.76	4	3.63	3.62	0.99
2.27	1.45	0.83	0.43	0.2	0.09	0.03	0.02	0.01	0	1.92	2.03	3.74	3.98	3.61	3.58	0.99
2.24	1.42	0.8	0.41	0.19	0.08	0.03	0.02	0.01	0	1.87	2.35	3.74	3.95	3.61	3.55	0.99
2.21	1.39	0.78	0.39	0.18	0.08	0.03	0.02	0.009	0	1.6	2.24	3.74	3.87	3.64	3.56	0.99
2.18	1.36	0.75	0.37	0.17	0.07	0.02	0.01	0.007	0	1.95	2.09	3.73	3.84	3.63	3.59	0.99
2.15	1.32	0.72	0.35	0.16	0.07	0.02	0.01	0.005	0	1.77	2.34	3.73	3.79	3.6	3.61	0.99
2.12	1.29	0.7	0.34	0.15	0.06	0.02	0.01	0.004	0	1.74	2.46	3.74	3.82	3.62	3.59	0.99
2.08	1.25	0.67	0.32	0.14	0.06	0.02	0.01	0.003	0	1.92	2.34	3.75	3.84	3.61	3.59	0.98
2.04	1.22	0.64	0.3	0.13	0.05	0.01	0.01	0.002	0	1.8	2.21	3.76	3.8	3.64	3.6	0.98
2	1.18	0.61	0.29	0.13	0.05	0.01	0.01	0.002	0	2.19	2.27	3.74	3.77	3.61	3.6	0.98
1.95	1.14	0.59	0.27	0.12	0.05	0.01	0.009	0.002	0	2.29	2.33	3.72	3.77	3.63	3.6	0.98
1.9	1.09	0.56	0.26	0.11	0.04	0.01	0.008	0.002	0	2.02	2.37	3.71	3.78	3.62	3.59	0.98
1.84	1.05	0.54	0.25	0.11	0.04	0.01	0.007	0.002	0	2	2.35	3.73	3.9	3.59	3.58	0.98
1.79	1.02	0.51	0.24	0.1	0.04	0.01	0.006	0.003	0	2.09	2.48	3.74	4.05	3.61	3.59	0.97
1.74	0.98	0.5	0.23	0.1	0.04	0.01	0.006	0.003	0	1.82	2.56	3.74	4.1	3.63	3.62	0.97
1.69	0.95	0.48	0.22	0.1	0.04	0.01	0.006	0.003	0	1.9	2.31	3.75	4.15	3.64	3.63	0.97
1.65	0.92	0.46	0.22	0.1	0.04	0.01	0.006	0.004	0	2.12	1.88	3.75	4.08	3.62	3.6	0.96
1.61	0.9	0.45	0.21	0.09	0.04	0.01	0.006	0.004	0	1.98	2.39	3.74	4	3.6	3.6	0.96
1.57	0.88	0.44	0.2	0.09	0.04	0.01	0.005	0.004	0	1.62	2.45	3.73	3.95	3.59	3.57	0.96
1.54	0.86	0.43	0.2	0.09	0.04	0.01	0.005	0.003	0	1.82	2.26	3.72	3.95	3.59	3.6	0.96
1.52	0.85	0.42	0.2	0.09	0.04	0.01	0.005	0.003	0	1.96	2.16	3.72	3.98	3.61	3.62	0.96
1.5	0.84	0.42	0.19	0.09	0.04	0.01	0.005	0.003	0	2.02	2.31	3.72	4.03	3.59	3.62	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.48	0.83	0.41	0.19	0.08	0.03	0.01	0.004	0.003	0	2.09	2.36	3.73	4.11	3.62	3.65	0.96
1.47	0.82	0.41	0.18	0.08	0.03	0.01	0.003	0.003	0	1.7	2.39	3.74	4.16	3.64	3.66	0.96
1.46	0.81	0.4	0.18	0.07	0.03	0.01	0.003	0.002	0	1.92	2.49	3.76	4.13	3.6	3.61	0.97
1.44	0.81	0.4	0.17	0.07	0.03	0.009	0.002	0.002	0	2.28	2.61	3.74	4.05	3.62	3.63	0.97
1.43	0.8	0.39	0.17	0.07	0.02	0.008	0.002	0.002	0	2.2	2.42	3.74	4.01	3.62	3.58	0.97
1.41	0.79	0.39	0.17	0.06	0.02	0.007	0.002	0.002	0	1.84	2.26	3.73	3.86	3.62	3.56	0.98
1.39	0.78	0.38	0.17	0.06	0.02	0.006	0.003	0.001	0	2.24	2.25	3.73	3.79	3.61	3.57	0.98
1.36	0.77	0.38	0.17	0.06	0.02	0.007	0.004	0.001	0	2.19	2.21	3.73	3.8	3.59	3.57	0.98
1.33	0.75	0.38	0.17	0.07	0.02	0.008	0.005	0	0	2.13	2.07	3.73	3.91	3.58	3.56	0.98
1.3	0.74	0.37	0.17	0.07	0.02	0.009	0.006	0	0	1.51	2.38	3.73	4	3.59	3.58	0.99
1.27	0.72	0.37	0.17	0.07	0.02	0.01	0.007	0	0	1.9	2.53	3.74	4.03	3.6	3.61	0.99
1.24	0.71	0.37	0.17	0.07	0.02	0.01	0.008	0	0	1.84	2.01	3.75	4	3.62	3.6	0.99
1.22	0.7	0.36	0.17	0.07	0.03	0.01	0.008	-0.001	0	1.85	2.03	3.75	3.98	3.61	3.59	0.99
1.2	0.69	0.36	0.16	0.07	0.03	0.01	0.008	-0.001	0	1.74	2.29	3.75	3.92	3.64	3.6	1
1.18	0.68	0.35	0.16	0.07	0.03	0.01	0.008	-0.001	0	1.91	2.24	3.76	3.88	3.63	3.61	1
1.17	0.67	0.35	0.16	0.07	0.03	0.01	0.008	-0.001	0	1.93	2.37	3.75	3.83	3.61	3.57	1
1.17	0.67	0.34	0.16	0.07	0.03	0.01	0.007	-0.001	0	1.69	2.42	3.75	3.89	3.63	3.57	1
1.17	0.66	0.34	0.16	0.07	0.03	0.01	0.007	-0.001	0	1.82	2.51	3.76	3.91	3.62	3.58	1
1.18	0.66	0.34	0.16	0.07	0.03	0.01	0.007	-0.001	0	2.2	2.52	3.74	3.97	3.62	3.59	1
1.19	0.67	0.34	0.16	0.07	0.03	0.01	0.007	-0.001	0	2.02	2.45	3.74	3.93	3.64	3.59	1
1.2	0.67	0.35	0.16	0.07	0.03	0.01	0.006	0	0	1.41	2.32	3.74	3.84	3.62	3.61	1
1.22	0.68	0.35	0.16	0.07	0.03	0.01	0.006	0	0	1.94	2.45	3.73	3.79	3.63	3.59	1
1.24	0.69	0.35	0.17	0.07	0.03	0.01	0.005	0	0	2.08	2.46	3.73	3.81	3.63	3.61	0.99
1.27	0.7	0.36	0.17	0.07	0.03	0.01	0.005	0.001	0	2.26	2.42	3.74	3.79	3.64	3.62	0.99
1.29	0.71	0.36	0.17	0.07	0.03	0.01	0.005	0.001	0	2.37	2.39	3.74	3.78	3.63	3.65	0.98
1.31	0.73	0.37	0.17	0.08	0.03	0.01	0.005	0.002	0	2.18	2.44	3.73	3.76	3.64	3.63	0.98
1.33	0.74	0.37	0.18	0.08	0.04	0.01	0.006	0.002	0	1.88	2.52	3.74	3.87	3.65	3.6	0.97
1.34	0.75	0.38	0.18	0.08	0.04	0.01	0.006	0.002	0	2.38	2.46	3.75	3.97	3.63	3.58	0.97
1.35	0.76	0.39	0.18	0.09	0.04	0.01	0.006	0.002	0	2.37	2.43	3.75	3.99	3.63	3.6	0.96
1.36	0.77	0.39	0.19	0.09	0.04	0.01	0.007	0.002	0	2.08	2.44	3.74	3.94	3.62	3.56	0.96
1.38	0.78	0.4	0.19	0.09	0.04	0.01	0.008	0.003	0	1.74	2.31	3.72	3.8	3.6	3.57	0.95
1.39	0.79	0.41	0.2	0.1	0.04	0.02	0.009	0.003	0	2.21	2.54	3.7	3.72	3.6	3.55	0.95
1.42	0.81	0.42	0.21	0.1	0.05	0.02	0.01	0.004	0	2.37	2.49	3.72	3.7	3.61	3.55	0.95
1.45	0.83	0.44	0.21	0.1	0.05	0.02	0.01	0.004	0	2.28	2.47	3.71	3.73	3.59	3.57	0.95
1.48	0.86	0.45	0.22	0.1	0.05	0.02	0.01	0.004	0	1.88	2.5	3.72	3.86	3.59	3.57	0.95
1.52	0.88	0.46	0.22	0.1	0.05	0.02	0.01	0.004	0	2.19	2.33	3.73	3.96	3.62	3.57	0.95
1.57	0.91	0.48	0.23	0.1	0.05	0.02	0.01	0.004	0	2.3	1.94	3.74	4.09	3.64	3.57	0.95
1.62	0.94	0.5	0.24	0.11	0.05	0.02	0.01	0.005	0	2.28	2.18	3.74	4.07	3.64	3.6	0.95
1.67	0.98	0.52	0.25	0.11	0.05	0.02	0.01	0.005	0	2.18	2.17	3.73	4.04	3.65	3.59	0.96
1.73	1.02	0.54	0.26	0.12	0.05	0.02	0.01	0.006	0	1.81	2.39	3.73	4	3.62	3.59	0.96
1.78	1.06	0.56	0.27	0.12	0.05	0.02	0.01	0.007	0	2.09	2.2	3.73	3.87	3.61	3.58	0.96
1.84	1.1	0.59	0.29	0.13	0.06	0.03	0.02	0.008	0	2.24	2.19	3.73	3.79	3.61	3.57	0.96
1.91	1.15	0.62	0.3	0.14	0.06	0.03	0.02	0.009	0	2.19	2.41	3.71	3.79	3.6	3.57	0.96
1.97	1.2	0.65	0.32	0.15	0.06	0.03	0.02	0.01	0	1.89	2.41	3.72	3.85	3.58	3.54	0.97
2.05	1.26	0.69	0.34	0.15	0.06	0.03	0.02	0.009	0	2.14	2.35	3.72	3.95	3.59	3.56	0.97
2.13	1.32	0.72	0.35	0.15	0.06	0.02	0.01	0.008	0	2.1	1.88	3.74	4.04	3.63	3.58	0.98
2.21	1.38	0.76	0.37	0.15	0.06	0.02	0.01	0.007	0	2.02	2.41	3.75	4.08	3.65	3.58	0.98
2.3	1.44	0.8	0.38	0.16	0.06	0.02	0.01	0.006	0	2.18	2.45	3.76	4.05	3.63	3.59	0.99
2.39	1.51	0.84	0.4	0.16	0.06	0.02	0.01	0.005	0	1.76	2.07	3.74	3.96	3.63	3.57	0.99
2.48	1.57	0.88	0.42	0.17	0.06	0.02	0.01	0.004	0	2.06	2.24	3.73	3.89	3.65	3.6	1
2.56	1.64	0.92	0.44	0.18	0.06	0.02	0.01	0.004	0	1.93	2.32	3.75	3.9	3.63	3.61	1
2.63	1.7	0.96	0.46	0.18	0.06	0.02	0.01	0.004	0	1.77	2.53	3.74	3.96	3.63	3.57	1
2.71	1.76	1	0.48	0.2	0.06	0.02	0.01	0.005	0	1.77	2.51	3.75	4.07	3.63	3.6	1
2.77	1.82	1.04	0.51	0.21	0.07	0.02	0.01	0.006	0	1.61	2.23	3.75	4.07	3.64	3.61	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.84	1.87	1.08	0.53	0.22	0.07	0.02	0.01	0.007	0	1.68	2.48	3.74	4.09	3.62	3.61	1
2.91	1.93	1.12	0.55	0.23	0.08	0.03	0.01	0.007	0	2.06	2.26	3.74	4.06	3.61	3.6	1
2.97	1.99	1.16	0.58	0.24	0.08	0.03	0.01	0.007	0	2.07	2.32	3.73	4.03	3.61	3.6	1
3.04	2.05	1.21	0.6	0.25	0.08	0.03	0.01	0.006	0	1.46	2.27	3.73	4.04	3.62	3.59	1
3.12	2.12	1.25	0.62	0.26	0.08	0.03	0.01	0.005	0	1.69	2.39	3.74	3.97	3.6	3.57	1
3.19	2.18	1.3	0.65	0.26	0.08	0.02	0.009	0.003	0	2.05	2.41	3.73	3.98	3.6	3.59	1
3.26	2.24	1.34	0.67	0.27	0.08	0.02	0.007	0.002	0	2.34	2.48	3.73	3.95	3.61	3.58	1
3.34	2.31	1.39	0.7	0.28	0.08	0.02	0.005	0	0	1.74	2.42	3.74	3.9	3.62	3.55	1
3.41	2.37	1.43	0.72	0.29	0.09	0.02	0.003	-0.001	0	1.31	2.32	3.73	3.9	3.59	3.57	1
3.49	2.44	1.47	0.75	0.3	0.09	0.02	0.004	-0.001	0	1.77	2.11	3.73	3.88	3.59	3.56	1
3.56	2.5	1.52	0.77	0.31	0.1	0.02	0.004	-0.002	0	1.63	2.09	3.74	3.94	3.6	3.59	1
3.63	2.55	1.56	0.8	0.32	0.1	0.02	0.005	-0.002	0	1.91	2.45	3.73	4.03	3.62	3.58	1
3.69	2.61	1.6	0.82	0.34	0.11	0.02	0.005	-0.002	0	1.79	2.6	3.74	4.04	3.61	3.57	1
3.75	2.66	1.64	0.85	0.35	0.12	0.03	0.006	-0.003	0	2.05	2.56	3.74	4.08	3.62	3.58	1
3.8	2.71	1.68	0.88	0.37	0.13	0.03	0.007	-0.003	0	1.92	2.38	3.75	4.05	3.62	3.61	1
3.85	2.76	1.72	0.9	0.39	0.13	0.03	0.008	-0.003	0	1.78	2.38	3.73	4.02	3.61	3.61	0.99
3.89	2.8	1.76	0.93	0.4	0.14	0.03	0.008	-0.003	0	1.58	2.45	3.73	3.97	3.58	3.57	0.99
3.93	2.84	1.8	0.96	0.42	0.15	0.04	0.009	-0.003	0	1.92	2.38	3.73	3.9	3.6	3.56	0.99
3.97	2.89	1.84	0.99	0.44	0.16	0.04	0.01	-0.003	0	1.82	2.39	3.72	3.92	3.6	3.56	0.99
4.01	2.92	1.88	1.02	0.46	0.17	0.04	0.01	-0.003	0	1.91	2.38	3.74	3.95	3.6	3.57	0.99
4.04	2.96	1.91	1.05	0.48	0.18	0.05	0.01	-0.003	0	2.13	2.18	3.73	3.98	3.6	3.59	0.98
4.07	3	1.95	1.09	0.51	0.19	0.05	0.01	-0.003	0	1.89	2.41	3.73	3.98	3.6	3.59	0.98
4.1	3.03	1.99	1.12	0.53	0.2	0.06	0.01	-0.004	0	1.65	2.51	3.72	4.01	3.61	3.56	0.98
4.14	3.07	2.03	1.16	0.56	0.22	0.07	0.02	-0.002	0	1.29	2.41	3.72	3.99	3.6	3.57	0.98
4.17	3.11	2.07	1.2	0.59	0.24	0.08	0.02	0	0	1.72	2.11	3.73	3.95	3.61	3.56	0.98
4.21	3.15	2.11	1.24	0.62	0.26	0.09	0.03	0.002	0	2.13	2	3.72	3.89	3.62	3.58	0.98
4.25	3.2	2.16	1.28	0.65	0.28	0.1	0.03	0.004	0	2.21	2.1	3.71	3.82	3.62	3.58	0.98
4.29	3.24	2.2	1.32	0.68	0.29	0.11	0.04	0.006	0	2.09	1.88	3.71	3.73	3.58	3.54	0.98
4.34	3.29	2.25	1.35	0.7	0.31	0.12	0.04	0.007	0	2.11	2.28	3.71	3.77	3.59	3.54	0.98
4.38	3.33	2.29	1.39	0.73	0.32	0.13	0.04	0.008	0	1.69	2.4	3.72	3.84	3.61	3.57	0.98
4.42	3.37	2.33	1.42	0.75	0.33	0.13	0.04	0.007	0	2.11	2.39	3.72	3.91	3.6	3.59	0.98
4.46	3.41	2.36	1.45	0.77	0.34	0.13	0.04	0.006	0	2.14	2.35	3.73	3.94	3.62	3.58	0.98
4.5	3.45	2.4	1.48	0.79	0.35	0.13	0.04	0.005	0	1.87	2.33	3.73	3.94	3.61	3.58	0.98
4.53	3.48	2.43	1.5	0.8	0.36	0.13	0.04	0.005	0	1.85	2.45	3.73	3.87	3.59	3.58	0.98
4.56	3.51	2.46	1.53	0.82	0.36	0.13	0.04	0.005	0	1.81	2.46	3.72	3.88	3.6	3.56	0.98
4.59	3.54	2.48	1.55	0.84	0.37	0.13	0.03	0.005	0	1.91	2.43	3.75	3.9	3.6	3.57	0.98
4.61	3.56	2.51	1.58	0.85	0.38	0.14	0.04	0.006	0	1.76	2.32	3.74	3.96	3.6	3.54	0.98
4.64	3.59	2.53	1.6	0.87	0.39	0.14	0.04	0.007	0	2.33	1.98	3.73	4	3.59	3.57	0.98
4.65	3.6	2.55	1.62	0.89	0.41	0.15	0.04	0.008	0	2.17	1.82	3.74	3.99	3.61	3.56	0.98
4.67	3.62	2.57	1.64	0.91	0.42	0.15	0.04	0.008	0	2.05	2.21	3.73	3.94	3.63	3.6	0.99
4.69	3.64	2.6	1.67	0.93	0.43	0.16	0.04	0.009	0	1.94	2.38	3.71	3.8	3.6	3.56	0.99
4.71	3.66	2.62	1.69	0.95	0.45	0.17	0.05	0.01	0	2.29	2.48	3.71	3.76	3.59	3.59	0.99
4.72	3.67	2.64	1.71	0.97	0.46	0.18	0.05	0.01	0	2.12	2.31	3.71	3.76	3.59	3.57	0.99
4.74	3.69	2.67	1.74	1	0.48	0.18	0.06	0.01	0	1.55	2.28	3.72	3.91	3.6	3.55	0.99
4.76	3.72	2.7	1.77	1.02	0.5	0.19	0.06	0.01	0	2.05	2.19	3.73	4.05	3.61	3.59	0.99
4.79	3.75	2.73	1.8	1.05	0.51	0.2	0.06	0.01	0	1.77	2.3	3.73	4.11	3.6	3.62	1
4.82	3.78	2.76	1.84	1.07	0.53	0.21	0.07	0.01	0	1.71	2.49	3.75	4.17	3.64	3.64	1
4.85	3.82	2.8	1.87	1.09	0.54	0.22	0.07	0.01	0	1.8	2.33	3.76	4.15	3.62	3.64	1
4.89	3.87	2.84	1.9	1.11	0.55	0.22	0.07	0.01	0	2.05	2.35	3.76	4.12	3.61	3.6	1
4.92	3.91	2.88	1.93	1.13	0.56	0.23	0.08	0.01	0	1.99	2.32	3.75	4.03	3.61	3.58	1.01
4.96	3.95	2.92	1.96	1.14	0.57	0.23	0.08	0.01	0	1.45	2.42	3.72	3.98	3.6	3.55	1.01
4.99	3.99	2.95	1.98	1.15	0.57	0.23	0.08	0.01	0	1.54	2.21	3.73	3.99	3.63	3.57	1.01
5.02	4.02	2.98	1.99	1.16	0.57	0.24	0.08	0.01	0	1.76	2.44	3.74	3.98	3.61	3.6	1.01
5.04	4.05	3	2	1.16	0.58	0.24	0.08	0.01	0	1.81	2.45	3.74	3.97	3.59	3.57	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.05	4.06	3.01	2	1.16	0.58	0.25	0.08	0.01	0	1.74	2.37	3.72	3.95	3.59	3.58	1.01
5.05	4.07	3.01	2	1.16	0.58	0.25	0.09	0.01	0	1.6	2.31	3.75	3.95	3.59	3.6	1.01
5.04	4.06	3.01	1.99	1.16	0.58	0.25	0.09	0.01	0	1.22	2.26	3.74	3.93	3.62	3.56	1.01
5.02	4.05	3	1.99	1.16	0.59	0.26	0.09	0.01	0	1.9	2.47	3.74	3.9	3.62	3.56	1.01
5	4.03	2.98	1.98	1.17	0.6	0.27	0.09	0.01	0	2.13	2.46	3.75	3.88	3.6	3.58	1.01
4.98	4	2.96	1.98	1.17	0.61	0.27	0.09	0.01	0	1.87	2.33	3.74	3.8	3.59	3.57	1.01
4.95	3.97	2.94	1.97	1.19	0.62	0.28	0.1	0.01	0	2.04	2.21	3.73	3.76	3.6	3.55	1.02
4.93	3.95	2.93	1.98	1.2	0.64	0.3	0.11	0.02	0	1.98	2.17	3.74	3.81	3.61	3.57	1.02
4.92	3.94	2.93	1.99	1.23	0.67	0.31	0.12	0.02	0	1.92	2.22	3.73	3.86	3.63	3.6	1.02
4.92	3.95	2.94	2.02	1.26	0.7	0.33	0.13	0.03	0	1.7	2.29	3.75	3.91	3.61	3.56	1.02
4.94	3.96	2.97	2.05	1.3	0.73	0.36	0.14	0.03	0	1.77	2.33	3.75	3.95	3.62	3.59	1.02
4.96	3.99	3.01	2.1	1.35	0.77	0.38	0.15	0.04	0	1.42	2.39	3.74	3.98	3.61	3.62	1.02
5	4.05	3.07	2.16	1.4	0.81	0.41	0.16	0.04	0	1.82	2.54	3.75	3.98	3.63	3.62	1.02
5.05	4.11	3.14	2.23	1.46	0.85	0.43	0.17	0.04	0	2	2.37	3.74	3.96	3.62	3.58	1.02
5.11	4.19	3.23	2.31	1.52	0.89	0.45	0.18	0.05	0	1.88	2.32	3.73	3.84	3.62	3.57	1.02
5.18	4.27	3.31	2.39	1.58	0.93	0.47	0.19	0.05	0	2.2	2.42	3.74	3.79	3.6	3.58	1.02
5.24	4.36	3.41	2.48	1.65	0.97	0.5	0.2	0.05	0	2.27	2.2	3.72	3.75	3.6	3.56	1.02
5.31	4.44	3.49	2.56	1.71	1.01	0.52	0.21	0.06	0	2.15	2.2	3.74	3.77	3.62	3.56	1.02
5.36	4.51	3.57	2.63	1.77	1.05	0.54	0.22	0.06	0	1.09	2.1	3.74	3.81	3.63	3.58	1.01
5.4	4.57	3.64	2.7	1.82	1.09	0.56	0.23	0.06	0	2.09	2.3	3.75	3.88	3.62	3.59	1.01
5.43	4.61	3.69	2.76	1.87	1.12	0.58	0.24	0.07	0	2.32	2.44	3.76	3.89	3.61	3.6	1.01
5.45	4.64	3.74	2.8	1.91	1.15	0.6	0.25	0.07	0	2.22	2.37	3.76	3.82	3.62	3.6	1.01
5.45	4.65	3.77	2.85	1.95	1.18	0.62	0.26	0.07	0	1.49	2.3	3.75	3.79	3.61	3.58	1
5.46	4.66	3.79	2.88	1.99	1.21	0.63	0.27	0.08	0	2.19	2.49	3.73	3.82	3.62	3.59	1
5.46	4.67	3.81	2.91	2.02	1.24	0.65	0.28	0.08	0	2.37	2.49	3.72	3.85	3.6	3.57	1
5.47	4.69	3.83	2.93	2.04	1.26	0.66	0.29	0.08	0	2.19	2.32	3.73	3.81	3.6	3.58	0.99
5.5	4.71	3.85	2.95	2.07	1.29	0.68	0.3	0.09	0	1.76	2.56	3.73	3.77	3.61	3.59	0.99
5.54	4.74	3.88	2.98	2.09	1.31	0.69	0.3	0.09	0	1.95	2.5	3.73	3.83	3.61	3.58	0.99
5.59	4.78	3.92	3.02	2.12	1.33	0.7	0.31	0.09	0	1.64	2.41	3.75	3.89	3.64	3.59	0.99
5.66	4.84	3.96	3.05	2.15	1.35	0.72	0.31	0.09	0	1.55	2.27	3.74	3.91	3.64	3.57	0.99
5.73	4.91	4.02	3.1	2.18	1.37	0.73	0.32	0.09	0	1.48	2.22	3.73	3.9	3.62	3.55	0.99
5.8	4.98	4.08	3.15	2.21	1.39	0.74	0.32	0.1	0	1.75	2.36	3.74	3.91	3.61	3.57	1
5.87	5.05	4.15	3.21	2.26	1.42	0.76	0.33	0.1	0	1.91	2.3	3.74	3.94	3.63	3.6	1
5.94	5.13	4.23	3.28	2.31	1.45	0.77	0.33	0.1	0	1.81	2.21	3.74	3.96	3.61	3.6	1
6	5.2	4.31	3.35	2.37	1.49	0.79	0.34	0.1	0	1.87	2.31	3.75	3.99	3.62	3.6	1
6.05	5.27	4.39	3.43	2.44	1.54	0.82	0.35	0.1	0	1.86	2.36	3.74	3.99	3.61	3.59	1
6.09	5.34	4.47	3.52	2.52	1.59	0.84	0.36	0.11	0	2.04	2.45	3.75	3.97	3.63	3.59	1
6.12	5.39	4.55	3.6	2.59	1.64	0.88	0.38	0.11	0	1.86	2.4	3.76	3.97	3.62	3.58	1
6.14	5.45	4.63	3.69	2.68	1.7	0.91	0.39	0.12	0	1.42	2.51	3.74	3.87	3.64	3.58	1.01
6.17	5.49	4.7	3.78	2.76	1.77	0.95	0.41	0.12	0	2.01	2.41	3.73	3.83	3.63	3.58	1.01
6.19	5.54	4.77	3.87	2.85	1.83	0.99	0.44	0.13	0	2.03	2.39	3.74	3.83	3.63	3.58	1.01
6.2	5.58	4.83	3.94	2.92	1.89	1.03	0.46	0.14	0	2.08	2.23	3.74	3.87	3.6	3.58	1.01
6.22	5.61	4.89	4.02	3	1.95	1.07	0.49	0.15	0	1.82	2.3	3.74	3.9	3.59	3.59	1.01
6.24	5.65	4.95	4.09	3.07	2.02	1.12	0.51	0.16	0	1.31	2.45	3.75	3.97	3.61	3.61	1.01
6.26	5.68	4.99	4.14	3.13	2.07	1.16	0.54	0.17	0	1.68	2.33	3.76	4.01	3.62	3.6	1.01
6.28	5.71	5.03	4.19	3.18	2.12	1.19	0.56	0.18	0	1.93	2.18	3.76	4.01	3.6	3.6	1.01
6.29	5.73	5.06	4.23	3.23	2.17	1.23	0.58	0.19	0	1.93	2.49	3.75	4.01	3.62	3.59	1.01
6.3	5.74	5.09	4.27	3.27	2.21	1.26	0.6	0.2	0	1.48	2.41	3.75	4.01	3.61	3.59	1.01
6.3	5.75	5.11	4.29	3.31	2.24	1.29	0.62	0.2	0	1.95	2.41	3.75	4.02	3.6	3.61	1.01
6.3	5.76	5.12	4.31	3.33	2.27	1.31	0.63	0.21	0	1.77	2.48	3.75	4.03	3.6	3.61	1.01
6.3	5.76	5.13	4.33	3.35	2.29	1.33	0.65	0.22	0	1.76	2.47	3.75	4.01	3.62	3.58	1.01
6.3	5.77	5.14	4.34	3.37	2.31	1.35	0.66	0.23	0	1.83	2.39	3.75	3.98	3.63	3.59	1.02
6.29	5.77	5.14	4.35	3.38	2.32	1.36	0.67	0.23	0	1.85	2.38	3.74	3.94	3.61	3.6	1.02
6.29	5.77	5.14	4.35	3.38	2.33	1.37	0.67	0.24	0	1.67	2.23	3.74	3.9	3.6	3.58	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
6.29	5.77	5.14	4.35	3.38	2.33	1.37	0.68	0.24	0	1.36	2.15	3.75	3.89	3.62	3.58	1.02
6.29	5.77	5.14	4.34	3.37	2.33	1.38	0.68	0.24	0	1.61	2.16	3.75	3.97	3.6	3.6	1.02
6.28	5.76	5.13	4.34	3.37	2.33	1.38	0.68	0.24	0	2.07	2.27	3.76	3.98	3.62	3.59	1.02
6.28	5.76	5.13	4.33	3.36	2.33	1.38	0.69	0.24	0	2.05	2.23	3.76	3.98	3.61	3.57	1.02
6.28	5.76	5.12	4.32	3.35	2.32	1.39	0.69	0.24	0	1.65	2.37	3.74	3.94	3.61	3.59	1.02
6.28	5.76	5.12	4.31	3.34	2.32	1.39	0.69	0.25	0	1.82	2.31	3.75	3.89	3.62	3.6	1.02
6.27	5.75	5.11	4.29	3.33	2.31	1.39	0.7	0.25	0	1.86	2.51	3.75	3.87	3.61	3.59	1.02
6.27	5.74	5.09	4.28	3.32	2.3	1.39	0.7	0.25	0	2.13	2.51	3.74	3.89	3.63	3.59	1.02
6.27	5.74	5.08	4.27	3.3	2.29	1.38	0.7	0.25	0	2.13	2.52	3.75	3.9	3.62	3.59	1.02
6.26	5.73	5.07	4.25	3.29	2.29	1.38	0.7	0.25	0	1.56	2.36	3.75	3.95	3.62	3.57	1.02
6.25	5.71	5.06	4.24	3.28	2.28	1.38	0.7	0.25	0	1.9	2.35	3.75	3.91	3.62	3.58	1.02
6.23	5.7	5.04	4.22	3.26	2.27	1.38	0.69	0.25	0	1.8	2.24	3.76	3.93	3.62	3.57	1.02
6.21	5.68	5.02	4.2	3.25	2.26	1.37	0.69	0.24	0	1.54	2.33	3.76	3.85	3.61	3.58	1.01
6.19	5.66	5	4.19	3.24	2.25	1.37	0.69	0.24	0	1.55	2.44	3.75	3.83	3.63	3.58	1.01
6.16	5.63	4.98	4.17	3.23	2.25	1.36	0.69	0.24	0	1.87	2.31	3.74	3.78	3.61	3.6	1.01
6.14	5.61	4.96	4.16	3.23	2.24	1.36	0.68	0.24	0	1.91	2.52	3.74	3.81	3.6	3.57	1
6.12	5.59	4.95	4.16	3.23	2.24	1.36	0.68	0.23	0	1.56	2.46	3.73	3.8	3.59	3.59	1
6.1	5.58	4.95	4.15	3.23	2.25	1.36	0.69	0.23	0	1.71	2.33	3.73	3.84	3.61	3.58	1
6.09	5.57	4.94	4.16	3.24	2.26	1.37	0.69	0.23	0	1.44	2.22	3.73	3.81	3.62	3.59	1
6.09	5.57	4.95	4.17	3.25	2.27	1.38	0.69	0.23	0	1.86	2.32	3.73	3.77	3.6	3.57	1
6.09	5.57	4.95	4.18	3.26	2.28	1.39	0.7	0.23	0	2.05	2.42	3.74	3.8	3.61	3.58	1
6.09	5.57	4.95	4.19	3.28	2.3	1.4	0.71	0.23	0	1.87	2.42	3.74	3.84	3.63	3.62	0.99
6.09	5.57	4.96	4.2	3.29	2.31	1.41	0.71	0.23	0	2.01	2.33	3.74	3.89	3.63	3.58	1
6.08	5.57	4.96	4.21	3.3	2.33	1.42	0.72	0.24	0	2.26	1.98	3.75	3.94	3.63	3.6	1
6.07	5.56	4.96	4.21	3.32	2.35	1.44	0.73	0.24	0	2.15	2.4	3.77	3.86	3.62	3.6	1
6.06	5.55	4.96	4.22	3.33	2.37	1.45	0.74	0.24	0	1.44	2.32	3.74	3.8	3.62	3.59	1
6.06	5.55	4.96	4.22	3.35	2.39	1.47	0.74	0.24	0	2.22	2.34	3.72	3.75	3.63	3.58	1
6.04	5.54	4.96	4.23	3.36	2.41	1.49	0.75	0.24	0	2.32	2.27	3.72	3.77	3.61	3.56	1
6.03	5.54	4.95	4.23	3.38	2.43	1.51	0.77	0.25	0	2.01	2.24	3.74	3.76	3.62	3.57	1
6.02	5.53	4.95	4.24	3.39	2.45	1.53	0.78	0.25	0	1.48	2.13	3.74	3.79	3.64	3.6	1
6.01	5.52	4.95	4.24	3.41	2.47	1.55	0.79	0.25	0	2.1	2.3	3.75	3.9	3.64	3.57	1.01
5.98	5.5	4.94	4.25	3.42	2.5	1.57	0.81	0.26	0	2.04	2.29	3.76	3.94	3.62	3.57	1.01
5.96	5.48	4.92	4.25	3.44	2.52	1.6	0.83	0.26	0	1.89	2.05	3.76	3.94	3.61	3.6	1.01
5.92	5.45	4.91	4.24	3.45	2.55	1.63	0.84	0.27	0	1.74	2.15	3.75	3.89	3.63	3.59	1.01
5.89	5.42	4.89	4.24	3.47	2.57	1.66	0.87	0.28	0	1.53	2.2	3.75	3.85	3.62	3.59	1.01
5.86	5.4	4.88	4.25	3.48	2.61	1.69	0.9	0.29	0	2.07	2.03	3.74	3.83	3.64	3.59	1.02
5.84	5.38	4.87	4.25	3.5	2.64	1.73	0.92	0.31	0	1.99	2.23	3.73	3.82	3.63	3.57	1.02
5.81	5.36	4.85	4.24	3.52	2.67	1.76	0.95	0.33	0	1.84	2.31	3.74	3.82	3.6	3.58	1.02
5.79	5.34	4.84	4.24	3.53	2.69	1.79	0.98	0.35	0	1.69	2.4	3.75	3.87	3.62	3.59	1.02
5.78	5.33	4.83	4.24	3.54	2.71	1.82	1.01	0.37	0	1.67	2.36	3.76	3.96	3.62	3.59	1.02
5.76	5.31	4.82	4.24	3.55	2.73	1.85	1.03	0.39	0	2.06	2.21	3.75	3.99	3.65	3.59	1.02
5.74	5.3	4.8	4.23	3.55	2.75	1.87	1.05	0.41	0	2.03	2.23	3.76	4	3.63	3.58	1.02
5.72	5.28	4.79	4.22	3.55	2.76	1.88	1.07	0.42	0	1.75	2.25	3.75	3.95	3.62	3.58	1.02
5.7	5.26	4.77	4.21	3.54	2.76	1.89	1.09	0.44	0	1.66	2.3	3.74	3.93	3.61	3.56	1.02
5.67	5.23	4.75	4.19	3.53	2.75	1.89	1.09	0.45	0	1.89	2.28	3.75	3.9	3.61	3.59	1.02
5.65	5.21	4.72	4.17	3.51	2.74	1.89	1.1	0.45	0	2.08	2.15	3.75	3.89	3.62	3.59	1.02
5.62	5.18	4.7	4.14	3.49	2.73	1.89	1.1	0.46	0	1.95	2.25	3.75	3.92	3.62	3.58	1.02
5.59	5.15	4.67	4.12	3.47	2.71	1.88	1.1	0.46	0	1.66	2.37	3.74	3.94	3.62	3.61	1.02
5.57	5.13	4.64	4.09	3.45	2.69	1.87	1.09	0.46	0	1.74	2.31	3.74	3.92	3.61	3.6	1.02
5.54	5.1	4.61	4.06	3.42	2.67	1.86	1.09	0.46	0	1.73	2.23	3.75	3.96	3.61	3.57	1.02
5.52	5.08	4.59	4.04	3.39	2.65	1.84	1.08	0.45	0	1.72	2.35	3.75	3.98	3.61	3.6	1.02
5.48	5.05	4.56	4.01	3.37	2.63	1.83	1.08	0.45	0	1.78	2.33	3.75	3.99	3.63	3.59	1.02
5.46	5.02	4.53	3.98	3.35	2.62	1.82	1.07	0.45	0	1.91	2.34	3.75	3.98	3.61	3.6	1.02
5.43	4.99	4.5	3.96	3.32	2.6	1.81	1.07	0.45	0	1.75	2.38	3.75	3.97	3.62	3.59	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.41	4.97	4.48	3.94	3.3	2.59	1.81	1.07	0.45	0	1.84	1.91	3.73	3.94	3.62	3.57	1.02
5.38	4.95	4.45	3.91	3.29	2.57	1.8	1.07	0.45	0	1.86	2.37	3.74	3.88	3.63	3.58	1.02
5.36	4.92	4.44	3.89	3.27	2.56	1.8	1.07	0.45	0	1.63	2.37	3.75	3.91	3.61	3.58	1.02
5.34	4.9	4.42	3.87	3.26	2.55	1.79	1.07	0.45	0	1.47	2.36	3.75	3.97	3.61	3.58	1.02
5.32	4.88	4.4	3.86	3.25	2.54	1.79	1.07	0.45	0	1.81	2.21	3.76	4.02	3.63	3.59	1.02
5.31	4.87	4.38	3.84	3.24	2.53	1.78	1.07	0.45	0	2.06	2.4	3.75	4.06	3.62	3.6	1.02
5.29	4.86	4.37	3.83	3.22	2.53	1.78	1.07	0.45	0	1.87	2.45	3.75	4.01	3.6	3.61	1.02
5.29	4.85	4.36	3.82	3.22	2.52	1.77	1.07	0.45	0	2.03	2.34	3.76	3.98	3.62	3.59	1.02
5.28	4.85	4.36	3.81	3.21	2.51	1.77	1.06	0.45	0	1.85	2.42	3.75	3.94	3.62	3.57	1.02
5.29	4.85	4.36	3.81	3.2	2.5	1.77	1.06	0.45	0	1.95	2.49	3.74	3.96	3.61	3.6	1.02
5.3	4.85	4.36	3.81	3.19	2.5	1.76	1.06	0.44	0	1.85	2.44	3.74	3.96	3.61	3.59	1.02
5.31	4.87	4.37	3.81	3.19	2.49	1.76	1.06	0.44	0	1.4	2.23	3.73	4.03	3.63	3.61	1.02
5.33	4.88	4.38	3.81	3.19	2.49	1.76	1.06	0.45	0	1.86	2.44	3.76	4.06	3.61	3.62	1.02
5.35	4.9	4.39	3.82	3.18	2.48	1.76	1.06	0.45	0	1.95	2.17	3.76	4.07	3.61	3.59	1.02
5.37	4.92	4.41	3.83	3.19	2.49	1.76	1.07	0.46	0	1.94	2.06	3.76	4.06	3.61	3.59	1.02
5.39	4.94	4.42	3.84	3.19	2.49	1.77	1.07	0.46	0	1.83	2.13	3.76	4.05	3.62	3.6	1.02
5.41	4.95	4.44	3.85	3.2	2.5	1.77	1.08	0.47	0	1.68	2.3	3.75	4.04	3.61	3.57	1.02
5.43	4.97	4.45	3.86	3.21	2.51	1.78	1.09	0.48	0	1.8	2.26	3.76	3.99	3.6	3.6	1.02
5.44	4.97	4.46	3.87	3.22	2.52	1.79	1.1	0.48	0	1.97	2.37	3.75	3.98	3.61	3.58	1.02
5.44	4.98	4.46	3.88	3.23	2.53	1.81	1.11	0.49	0	1.75	2.43	3.74	4.01	3.62	3.58	1.02
5.44	4.98	4.46	3.88	3.24	2.55	1.82	1.12	0.5	0	1.49	2.29	3.73	4.02	3.61	3.56	1.02
5.44	4.98	4.46	3.89	3.25	2.56	1.84	1.14	0.51	0	1.62	2.22	3.74	4.05	3.62	3.59	1.02
5.43	4.97	4.46	3.89	3.26	2.58	1.85	1.15	0.52	0	1.71	2.18	3.74	4.03	3.62	3.59	1.03
5.42	4.95	4.44	3.88	3.26	2.59	1.87	1.17	0.53	0	1.88	2.27	3.75	4.09	3.61	3.61	1.03
5.4	4.94	4.43	3.87	3.26	2.6	1.89	1.18	0.54	0	1.94	2.1	3.75	4.1	3.64	3.6	1.03
5.39	4.92	4.42	3.86	3.27	2.61	1.9	1.2	0.55	0	1.91	2.29	3.74	4.03	3.63	3.58	1.03
5.37	4.9	4.4	3.86	3.27	2.62	1.92	1.22	0.57	0	1.84	2.19	3.75	3.97	3.61	3.59	1.03
5.35	4.89	4.39	3.85	3.27	2.63	1.94	1.24	0.59	0	1.95	2.29	3.74	3.95	3.62	3.58	1.03
5.33	4.87	4.38	3.84	3.27	2.64	1.95	1.26	0.61	0	1.94	2.49	3.75	3.96	3.62	3.57	1.03
5.32	4.86	4.36	3.83	3.26	2.64	1.97	1.28	0.62	0	1.8	2.53	3.74	3.92	3.6	3.58	1.03
5.3	4.84	4.35	3.82	3.26	2.64	1.98	1.29	0.64	0	1.71	2.2	3.74	3.89	3.62	3.59	1.03
5.29	4.82	4.33	3.81	3.25	2.64	1.99	1.3	0.65	0	1.81	2.31	3.74	3.94	3.64	3.57	1.03
5.27	4.81	4.32	3.8	3.25	2.64	1.99	1.31	0.66	0	1.86	2.25	3.75	3.95	3.63	3.57	1.03
5.26	4.8	4.31	3.79	3.24	2.64	1.99	1.32	0.66	0	1.93	2.04	3.75	3.93	3.6	3.56	1.03
5.24	4.79	4.29	3.77	3.22	2.63	1.99	1.32	0.66	0	1.83	2.11	3.74	3.9	3.61	3.57	1.03
5.23	4.77	4.28	3.76	3.21	2.62	1.99	1.31	0.66	0	1.37	2.33	3.73	3.89	3.62	3.59	1.03
5.22	4.76	4.26	3.74	3.19	2.61	1.98	1.31	0.65	0	1.89	2.34	3.74	3.89	3.61	3.6	1.03
5.2	4.74	4.25	3.72	3.17	2.59	1.96	1.3	0.64	0	1.6	2.15	3.73	3.88	3.6	3.57	1.03
5.18	4.72	4.23	3.7	3.15	2.58	1.95	1.29	0.63	0	2.07	2.35	3.75	3.9	3.62	3.59	1.03
5.16	4.7	4.21	3.68	3.13	2.56	1.93	1.27	0.62	0	2.07	2.35	3.76	3.94	3.62	3.56	1.03
5.14	4.68	4.19	3.66	3.11	2.54	1.92	1.25	0.6	0	1.96	2.43	3.75	3.95	3.6	3.57	1.03
5.41	5.05	4.66	4.18	3.62	2.94	2.16	1.31	0.48	0	2.06	2.35	3.73	3.85	3.59	3.56	1.02
5.47	5.11	4.71	4.24	3.67	2.99	2.19	1.34	0.5	0	1.92	2.34	3.73	3.91	3.61	3.56	1.02
5.53	5.17	4.77	4.29	3.72	3.03	2.23	1.36	0.52	0	1.81	2.41	3.74	3.98	3.6	3.61	1.02
5.59	5.23	4.83	4.35	3.77	3.08	2.26	1.39	0.54	0	2.07	2.24	3.74	4.01	3.63	3.6	1.02
5.65	5.29	4.89	4.41	3.82	3.12	2.3	1.42	0.57	0	2.07	2.4	3.75	4.07	3.6	3.59	1.02
5.71	5.35	4.95	4.46	3.87	3.17	2.34	1.45	0.6	0	2.02	2.39	3.74	4.01	3.62	3.62	1.02
5.76	5.41	5	4.52	3.93	3.21	2.37	1.48	0.63	0	1.8	2.28	3.76	3.98	3.61	3.59	1.02
5.82	5.47	5.06	4.57	3.97	3.26	2.41	1.51	0.66	0	1.7	2.3	3.73	3.94	3.61	3.59	1.01
5.86	5.51	5.1	4.62	4.02	3.29	2.44	1.53	0.68	0	2	2.3	3.74	3.93	3.62	3.59	1.01
5.9	5.55	5.14	4.65	4.05	3.32	2.46	1.55	0.7	0	1.98	2.28	3.74	3.93	3.61	3.61	1.01
5.93	5.58	5.17	4.69	4.08	3.34	2.48	1.57	0.72	0	1.83	2.42	3.73	3.97	3.61	3.59	1.01
5.95	5.61	5.2	4.71	4.1	3.36	2.49	1.57	0.73	0	1.68	2.46	3.75	4.01	3.61	3.57	1.01
5.97	5.62	5.21	4.73	4.12	3.37	2.49	1.57	0.73	0	1.98	2.29	3.75	4.01	3.63	3.6	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.98	5.63	5.22	4.74	4.13	3.37	2.49	1.57	0.73	0	2.11	2.14	3.75	4.05	3.6	3.61	1.01
5.98	5.63	5.22	4.74	4.13	3.37	2.48	1.56	0.72	0	1.95	2.3	3.75	4.02	3.61	3.6	1.01
5.97	5.62	5.22	4.74	4.13	3.36	2.47	1.54	0.71	0	1.25	2.44	3.76	3.99	3.62	3.59	1.01
5.96	5.61	5.21	4.73	4.12	3.35	2.45	1.52	0.69	0	2.02	2.19	3.75	3.9	3.6	3.58	1.02
5.94	5.6	5.2	4.72	4.1	3.33	2.43	1.5	0.68	0	2.17	2.31	3.74	3.88	3.61	3.56	1.02
5.93	5.58	5.18	4.7	4.09	3.31	2.4	1.48	0.66	0	1.81	2.15	3.73	3.89	3.61	3.57	1.02
5.91	5.57	5.17	4.68	4.06	3.28	2.37	1.45	0.64	0	1.88	2.3	3.74	3.92	3.62	3.56	1.02
5.9	5.55	5.15	4.67	4.04	3.26	2.35	1.43	0.62	0	1.67	2.33	3.73	3.94	3.61	3.58	1.02
5.88	5.54	5.14	4.65	4.02	3.24	2.32	1.41	0.61	0	1.96	2.42	3.74	3.92	3.63	3.6	1.02
5.87	5.53	5.13	4.63	4	3.21	2.3	1.39	0.6	0	1.94	2.61	3.74	3.93	3.64	3.58	1.02
5.86	5.52	5.11	4.62	3.98	3.19	2.28	1.37	0.59	0	2.03	2.49	3.77	3.96	3.61	3.57	1.02
5.85	5.5	5.1	4.6	3.97	3.17	2.25	1.36	0.58	0	1.79	2.41	3.74	3.91	3.62	3.57	1.02
5.84	5.49	5.09	4.59	3.95	3.15	2.23	1.34	0.58	0	1.53	2.36	3.75	3.82	3.63	3.57	1.02
5.84	5.49	5.08	4.58	3.93	3.13	2.22	1.33	0.57	0	1.84	2.33	3.75	3.79	3.61	3.58	1.02
5.84	5.48	5.07	4.57	3.92	3.11	2.2	1.32	0.57	0	2.01	2.57	3.74	3.81	3.61	3.55	1.02
5.84	5.48	5.07	4.56	3.91	3.1	2.19	1.31	0.57	0	1.77	2.57	3.73	3.82	3.62	3.57	1.02
5.84	5.48	5.07	4.55	3.9	3.09	2.17	1.3	0.56	0	1.66	2.46	3.74	3.83	3.61	3.59	1.02
5.85	5.48	5.06	4.54	3.89	3.07	2.16	1.29	0.56	0	1.67	2.43	3.76	3.84	3.62	3.61	1.02
5.85	5.48	5.06	4.54	3.88	3.06	2.15	1.28	0.56	0	1.64	2.49	3.74	3.83	3.61	3.59	1.02
5.85	5.48	5.05	4.53	3.87	3.05	2.14	1.28	0.56	0	1.83	2.43	3.75	3.8	3.63	3.57	1.02
5.84	5.48	5.05	4.52	3.86	3.04	2.14	1.27	0.55	0	1.23	2.27	3.76	3.76	3.63	3.58	1.02
5.84	5.47	5.04	4.51	3.85	3.04	2.13	1.27	0.55	0	1.59	2.02	3.76	3.77	3.62	3.58	1.02
5.83	5.46	5.04	4.51	3.84	3.03	2.12	1.27	0.55	0	1.45	2.2	3.76	3.73	3.63	3.57	1.02
5.83	5.46	5.03	4.5	3.84	3.02	2.12	1.26	0.55	0	1.97	2.27	3.75	3.73	3.61	3.58	1.01
5.82	5.45	5.02	4.48	3.83	3.02	2.12	1.26	0.55	0	1.66	2.38	3.75	3.74	3.61	3.57	1.01
5.82	5.44	5.01	4.47	3.82	3.01	2.11	1.26	0.55	0	1.59	2.28	3.75	3.73	3.62	3.59	1.01
5.82	5.44	5	4.47	3.81	3.01	2.11	1.26	0.54	0	1.65	2.28	3.74	3.72	3.61	3.59	1.01
5.81	5.43	4.99	4.45	3.8	3	2.11	1.26	0.54	0	1.42	2.23	3.75	3.73	3.63	3.59	1
5.81	5.42	4.98	4.45	3.8	3	2.11	1.26	0.54	0	1.7	2.26	3.75	3.73	3.63	3.6	1
5.82	5.42	4.98	4.44	3.79	2.99	2.1	1.26	0.54	0	1.51	2.46	3.75	3.73	3.61	3.59	1
5.82	5.42	4.98	4.44	3.78	2.99	2.1	1.25	0.54	0	1.52	2.32	3.74	3.74	3.61	3.6	1
5.84	5.43	4.98	4.43	3.78	2.98	2.1	1.25	0.54	0	1.49	2.07	3.73	3.78	3.63	3.61	1
5.85	5.44	4.98	4.43	3.77	2.98	2.09	1.25	0.54	0	1.75	2.18	3.73	3.8	3.6	3.6	1
5.87	5.45	4.98	4.43	3.77	2.97	2.09	1.24	0.53	0	1.98	2.42	3.73	3.74	3.61	3.57	1
5.89	5.47	4.99	4.43	3.76	2.97	2.09	1.24	0.53	0	1.7	2.42	3.74	3.75	3.63	3.58	1
5.91	5.48	5	4.43	3.76	2.97	2.09	1.24	0.53	0	1.71	2.46	3.74	3.82	3.62	3.58	1
5.92	5.49	5	4.44	3.76	2.97	2.09	1.24	0.54	0	2.01	2.28	3.76	3.83	3.63	3.58	1
5.93	5.5	5	4.44	3.76	2.97	2.09	1.25	0.54	0	1.95	2.01	3.74	3.86	3.64	3.6	1
5.93	5.5	5	4.44	3.76	2.97	2.1	1.25	0.54	0	2.19	1.53	3.74	3.85	3.63	3.59	1
5.93	5.49	5	4.43	3.76	2.97	2.1	1.25	0.55	0	1.96	2.34	3.74	3.82	3.62	3.59	1
5.92	5.49	4.99	4.43	3.76	2.97	2.1	1.26	0.55	0	1.8	2.4	3.74	3.78	3.61	3.59	1
5.92	5.48	4.99	4.42	3.76	2.98	2.1	1.26	0.55	0	1.84	2.35	3.75	3.79	3.6	3.59	1
5.91	5.48	4.99	4.42	3.76	2.98	2.11	1.27	0.56	0	1.96	2.3	3.75	3.79	3.6	3.6	1
5.92	5.48	4.98	4.42	3.76	2.98	2.11	1.28	0.57	0	2.02	2.29	3.74	3.82	3.61	3.58	1
5.92	5.48	4.98	4.42	3.77	2.99	2.12	1.29	0.58	0	1.73	2.16	3.75	3.87	3.63	3.58	1
5.93	5.48	4.98	4.42	3.77	2.99	2.13	1.3	0.59	0	1.71	2.23	3.75	3.91	3.62	3.57	1
5.93	5.48	4.99	4.42	3.77	3	2.14	1.31	0.6	0	1.94	2.44	3.76	3.94	3.63	3.58	1
5.94	5.49	4.99	4.42	3.77	3	2.15	1.32	0.61	0	1.9	2.52	3.77	3.98	3.64	3.57	1
5.94	5.49	4.99	4.42	3.77	3.01	2.16	1.33	0.62	0	1.77	2.25	3.75	3.97	3.63	3.6	1
5.94	5.49	4.99	4.42	3.77	3.01	2.16	1.34	0.62	0	1.87	2.24	3.73	3.96	3.61	3.58	1
5.95	5.49	4.98	4.42	3.77	3.01	2.16	1.34	0.63	0	1.77	2.2	3.74	3.89	3.6	3.59	0.99
5.95	5.49	4.98	4.41	3.76	3	2.16	1.34	0.63	0	2.07	2.2	3.74	3.86	3.6	3.56	0.99
5.95	5.49	4.98	4.41	3.75	2.99	2.16	1.34	0.63	0	2.19	2.33	3.74	3.88	3.61	3.57	0.99
5.96	5.49	4.97	4.4	3.74	2.99	2.16	1.34	0.63	0	1.94	1.78	3.74	3.95	3.6	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.96	5.49	4.97	4.39	3.73	2.98	2.15	1.34	0.63	0	1.85	2.16	3.76	4.02	3.61	3.61	0.99
5.96	5.49	4.96	4.38	3.72	2.97	2.15	1.34	0.63	0	2.02	2.43	3.75	4.07	3.64	3.62	0.99
5.97	5.49	4.96	4.38	3.72	2.97	2.15	1.34	0.64	0	1.97	2.02	3.75	4.07	3.61	3.6	0.99
5.97	5.49	4.95	4.37	3.71	2.97	2.15	1.34	0.64	0	2.09	2.44	3.75	4.05	3.62	3.59	0.99
5.97	5.48	4.95	4.37	3.71	2.97	2.15	1.35	0.64	0	1.87	2.44	3.75	4	3.62	3.59	0.99
5.97	5.48	4.95	4.36	3.71	2.97	2.15	1.35	0.64	0	1.61	2.26	3.74	4	3.62	3.6	0.99
5.96	5.47	4.94	4.36	3.7	2.97	2.15	1.35	0.64	0	1.75	1.91	3.74	3.99	3.61	3.57	0.99
5.96	5.47	4.94	4.35	3.7	2.97	2.16	1.36	0.64	0	1.92	1.99	3.75	3.97	3.62	3.59	0.99
5.95	5.47	4.93	4.35	3.7	2.97	2.16	1.36	0.65	0	1.95	2.32	3.75	3.98	3.63	3.6	0.99
5.95	5.47	4.93	4.35	3.7	2.97	2.16	1.36	0.65	0	1.77	2.2	3.75	4.02	3.63	3.6	0.99
5.95	5.46	4.93	4.34	3.69	2.97	2.17	1.37	0.65	0	1.71	2.17	3.75	4.03	3.62	3.59	0.99
5.95	5.46	4.92	4.34	3.69	2.97	2.17	1.37	0.66	0	2.01	2.29	3.76	4.03	3.63	3.59	0.99
5.94	5.45	4.92	4.33	3.69	2.97	2.18	1.38	0.66	0	2.03	2.52	3.75	4.05	3.64	3.58	0.99
5.94	5.45	4.91	4.32	3.68	2.97	2.18	1.39	0.67	0	1.76	2.3	3.75	4.03	3.65	3.56	0.99
5.92	5.44	4.9	4.32	3.68	2.97	2.19	1.39	0.67	0	1.97	2.47	3.74	4	3.62	3.58	1
5.91	5.42	4.89	4.31	3.68	2.97	2.19	1.4	0.67	0	1.99	2.25	3.74	3.93	3.62	3.57	1
5.9	5.41	4.88	4.3	3.67	2.97	2.19	1.4	0.67	0	1.97	2.13	3.75	3.92	3.61	3.57	1
5.88	5.39	4.86	4.29	3.67	2.97	2.2	1.4	0.67	0	2.02	2.43	3.75	3.93	3.6	3.56	1
5.86	5.37	4.85	4.28	3.66	2.96	2.19	1.4	0.67	0	1.73	2.34	3.75	3.96	3.63	3.57	1
5.84	5.35	4.83	4.26	3.64	2.96	2.19	1.39	0.66	0	1.7	2.33	3.76	3.95	3.62	3.58	1
5.81	5.32	4.8	4.24	3.63	2.94	2.17	1.38	0.65	0	1.83	2.39	3.76	3.99	3.64	3.6	1
5.78	5.29	4.77	4.21	3.6	2.92	2.16	1.36	0.63	0	1.89	2.45	3.77	4	3.63	3.58	1.01
5.74	5.26	4.73	4.18	3.58	2.9	2.14	1.34	0.61	0	1.84	2.4	3.75	3.97	3.61	3.59	1.01
5.7	5.22	4.7	4.15	3.55	2.88	2.12	1.32	0.59	0	1.34	2.25	3.74	3.9	3.64	3.6	1.01
5.67	5.19	4.67	4.12	3.53	2.86	2.1	1.31	0.57	0	1.89	2.34	3.75	3.84	3.63	3.56	1.01
5.64	5.16	4.64	4.1	3.51	2.84	2.08	1.29	0.56	0	1.95	2.01	3.72	3.78	3.6	3.57	1.01
5.61	5.13	4.62	4.07	3.49	2.82	2.06	1.27	0.54	0	1.87	2.35	3.74	3.85	3.6	3.59	1
5.59	5.11	4.6	4.06	3.48	2.81	2.05	1.26	0.53	0	1.64	2.49	3.74	3.93	3.62	3.57	1
5.58	5.09	4.58	4.04	3.46	2.79	2.03	1.24	0.51	0	2.1	2.28	3.75	3.98	3.63	3.59	1
5.56	5.08	4.57	4.03	3.44	2.78	2.02	1.23	0.5	0	1.8	2.27	3.76	3.96	3.63	3.59	1
5.55	5.07	4.56	4.02	3.43	2.77	2	1.21	0.49	0	1.59	2.39	3.77	3.89	3.62	3.58	1
5.54	5.06	4.55	4.01	3.42	2.75	1.99	1.2	0.48	0	1.58	2.35	3.73	3.9	3.62	3.57	0.99
5.54	5.05	4.54	4	3.41	2.74	1.98	1.19	0.47	0	1.77	2.41	3.73	3.84	3.61	3.56	0.99
5.53	5.05	4.54	4	3.41	2.73	1.97	1.18	0.46	0	1.64	2.49	3.73	3.82	3.62	3.57	0.99
5.54	5.05	4.54	4	3.4	2.72	1.95	1.16	0.46	0	2.07	2.26	3.74	3.84	3.6	3.57	0.98
5.54	5.06	4.55	4	3.4	2.71	1.94	1.15	0.45	0	1.76	2.11	3.74	3.93	3.59	3.57	0.98
5.55	5.06	4.55	4	3.39	2.7	1.93	1.14	0.44	0	1.86	2.21	3.74	3.94	3.61	3.56	0.98
5.56	5.07	4.55	4	3.39	2.69	1.91	1.13	0.43	0	2.1	2.46	3.75	3.95	3.59	3.56	0.98
5.56	5.07	4.55	4	3.39	2.68	1.9	1.11	0.43	0	1.85	2.48	3.76	3.94	3.62	3.58	0.98
5.57	5.08	4.56	4	3.38	2.67	1.89	1.1	0.42	0	1.9	2.38	3.75	3.96	3.63	3.6	0.98
5.57	5.08	4.56	4	3.38	2.66	1.87	1.09	0.41	0	1.79	2.3	3.74	3.96	3.62	3.56	0.98
5.58	5.09	4.57	4	3.38	2.65	1.86	1.08	0.4	0	1.8	2	3.73	3.94	3.6	3.54	0.98
5.59	5.1	4.57	4.01	3.37	2.65	1.85	1.07	0.4	0	1.73	2.23	3.72	3.94	3.61	3.56	0.98
5.6	5.1	4.58	4.01	3.37	2.64	1.84	1.06	0.39	0	1.76	2.37	3.73	3.93	3.6	3.57	0.98
5.61	5.11	4.58	4.01	3.37	2.63	1.83	1.05	0.38	0	1.43	2.37	3.73	3.96	3.62	3.58	0.98
5.62	5.12	4.59	4.01	3.36	2.62	1.82	1.04	0.38	0	1.49	2.44	3.74	3.97	3.62	3.57	0.98
5.63	5.12	4.59	4.01	3.36	2.61	1.8	1.03	0.37	0	1.66	2.26	3.74	4	3.62	3.56	0.99
5.63	5.13	4.59	4.01	3.35	2.61	1.79	1.02	0.36	0	1.58	2.35	3.76	4.02	3.63	3.57	0.99
5.63	5.13	4.59	4	3.34	2.59	1.78	1.01	0.36	0	1.87	2.37	3.76	4.06	3.64	3.56	1
5.62	5.12	4.58	4	3.34	2.58	1.77	1	0.35	0	1.76	2.4	3.74	4.01	3.65	3.57	1
5.61	5.11	4.57	3.99	3.33	2.57	1.76	0.99	0.35	0	1.67	2.34	3.73	4.06	3.62	3.57	1
5.6	5.1	4.56	3.98	3.32	2.56	1.74	0.98	0.34	0	1.95	2.09	3.75	4.03	3.61	3.59	1.01
5.58	5.09	4.55	3.97	3.31	2.55	1.73	0.97	0.34	0	1.81	2.07	3.74	4.02	3.61	3.59	1.01
5.56	5.07	4.54	3.96	3.3	2.54	1.72	0.96	0.33	0	1.86	2.2	3.74	4.04	3.62	3.59	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.54	5.05	4.52	3.95	3.28	2.52	1.71	0.96	0.33	0	1.67	2.23	3.74	4.04	3.63	3.58	1.01
5.51	5.03	4.5	3.93	3.27	2.51	1.7	0.95	0.33	0	1.8	2.27	3.75	4.07	3.62	3.57	1.01
5.49	5.01	4.49	3.92	3.25	2.49	1.68	0.94	0.33	0	1.92	2.48	3.75	4.15	3.6	3.6	1.01
5.47	4.99	4.48	3.9	3.24	2.48	1.67	0.93	0.32	0	2.12	2.49	3.75	4.14	3.61	3.6	1.01
5.46	4.98	4.47	3.89	3.23	2.47	1.67	0.93	0.32	0	2.02	2.58	3.74	4.05	3.61	3.61	1.01
5.44	4.97	4.46	3.88	3.22	2.46	1.66	0.93	0.33	0	1.66	2.48	3.74	4.05	3.62	3.6	1.01
5.44	4.97	4.46	3.88	3.22	2.46	1.66	0.92	0.33	0	2.25	2.42	3.73	3.95	3.63	3.56	1
5.44	4.97	4.46	3.89	3.22	2.46	1.66	0.93	0.33	0	2.15	2.47	3.73	3.84	3.61	3.53	1
5.45	4.98	4.47	3.89	3.22	2.46	1.66	0.93	0.34	0	2	2.65	3.73	3.82	3.61	3.57	1
5.46	4.99	4.48	3.9	3.23	2.47	1.67	0.94	0.35	0	1.63	2.56	3.72	3.89	3.62	3.58	1
5.48	5.01	4.5	3.92	3.24	2.48	1.68	0.95	0.36	0	1.83	1.96	3.74	3.99	3.61	3.57	1
5.5	5.03	4.51	3.93	3.25	2.49	1.69	0.96	0.38	0	1.59	1.98	3.75	4.09	3.62	3.57	1
5.51	5.04	4.53	3.95	3.27	2.51	1.71	0.98	0.39	0	2.08	2.13	3.75	4.14	3.62	3.6	0.99
5.52	5.06	4.55	3.97	3.29	2.53	1.72	0.99	0.41	0	2.38	2.37	3.75	4.17	3.6	3.64	0.99
5.53	5.07	4.56	3.98	3.31	2.55	1.74	1.01	0.42	0	2.36	2.36	3.74	4.17	3.61	3.64	0.99
5.54	5.07	4.57	3.99	3.32	2.56	1.75	1.02	0.43	0	1.83	2.26	3.73	4.13	3.62	3.65	0.98
5.54	5.08	4.58	4	3.33	2.57	1.76	1.03	0.44	0	2.12	2.4	3.73	4.01	3.61	3.63	0.98
5.55	5.09	4.58	4.01	3.34	2.58	1.77	1.04	0.45	0	2.2	2.01	3.73	4	3.62	3.59	0.98
5.56	5.1	4.59	4.02	3.35	2.59	1.78	1.04	0.46	0	2.05	2.03	3.73	4.01	3.61	3.59	0.98
5.58	5.11	4.6	4.02	3.36	2.59	1.79	1.05	0.46	0	2.22	2.31	3.73	4.02	3.59	3.59	0.98
5.6	5.13	4.61	4.03	3.36	2.6	1.8	1.06	0.47	0	1.85	2.33	3.74	4.01	3.6	3.56	0.98
5.62	5.14	4.62	4.04	3.37	2.6	1.8	1.06	0.47	0	1.61	2.56	3.73	4.09	3.6	3.58	0.98
5.64	5.15	4.63	4.05	3.38	2.61	1.81	1.07	0.47	0	2.08	2.52	3.74	4.12	3.6	3.59	0.98
5.65	5.16	4.63	4.05	3.38	2.61	1.81	1.07	0.48	0	2.42	2.2	3.74	4.18	3.61	3.63	0.99
5.65	5.16	4.64	4.06	3.39	2.62	1.82	1.07	0.48	0	2.34	2.39	3.74	4.16	3.62	3.6	0.99
5.65	5.16	4.64	4.06	3.39	2.62	1.82	1.07	0.48	0	1.68	2.6	3.73	4.12	3.61	3.58	0.99
5.64	5.16	4.65	4.07	3.39	2.63	1.82	1.07	0.47	0	1.71	2.45	3.73	4.04	3.6	3.57	0.99
5.64	5.16	4.65	4.07	3.39	2.63	1.82	1.07	0.47	0	2.15	2.27	3.72	3.99	3.59	3.59	0.99
5.63	5.16	4.65	4.07	3.4	2.63	1.82	1.07	0.47	0	2.18	2.19	3.71	3.96	3.59	3.57	0.99
5.63	5.15	4.64	4.07	3.39	2.63	1.82	1.07	0.47	0	2.05	2.02	3.73	3.94	3.61	3.57	1
5.62	5.15	4.64	4.06	3.39	2.63	1.81	1.07	0.46	0	1.79	1.77	3.75	4.03	3.61	3.58	1
5.62	5.14	4.63	4.06	3.39	2.62	1.81	1.06	0.46	0	2	2.59	3.74	4.05	3.63	3.58	1
5.61	5.13	4.62	4.05	3.38	2.61	1.8	1.06	0.45	0	2.05	2.51	3.75	4.07	3.62	3.57	1
5.6	5.12	4.61	4.04	3.37	2.61	1.8	1.05	0.45	0	2.07	2.42	3.76	4.09	3.63	3.59	1.01
5.59	5.11	4.6	4.03	3.37	2.6	1.79	1.04	0.45	0	2.15	2.39	3.75	4.04	3.63	3.57	1.01
5.58	5.1	4.6	4.02	3.36	2.6	1.79	1.04	0.44	0	1.7	2.44	3.73	3.97	3.59	3.6	1.01
5.57	5.1	4.59	4.02	3.36	2.59	1.78	1.04	0.44	0	2.07	2.2	3.73	3.89	3.6	3.56	1.01
5.56	5.09	4.58	4.01	3.35	2.59	1.78	1.03	0.44	0	2.18	1.95	3.73	3.83	3.61	3.57	1.01
5.55	5.08	4.58	4.01	3.35	2.59	1.78	1.03	0.44	0	2.22	2.38	3.74	3.78	3.6	3.57	1.01
5.54	5.08	4.57	4	3.35	2.58	1.78	1.03	0.44	0	1.94	2.49	3.73	3.77	3.62	3.58	1.01
5.53	5.07	4.56	3.99	3.34	2.58	1.77	1.03	0.44	0	1.72	2.53	3.74	3.83	3.63	3.59	1.01
5.52	5.06	4.55	3.99	3.33	2.57	1.77	1.02	0.44	0	2	2.36	3.74	3.92	3.62	3.58	1.01
5.51	5.04	4.54	3.97	3.32	2.57	1.76	1.02	0.44	0	2.03	2.36	3.74	3.94	3.63	3.59	1.01
5.49	5.03	4.53	3.96	3.31	2.56	1.76	1.01	0.43	0	2.03	2.45	3.77	3.97	3.62	3.56	1.01
5.47	5.01	4.51	3.95	3.3	2.55	1.75	1.01	0.43	0	1.52	2.39	3.75	3.89	3.61	3.58	1.01
5.45	4.99	4.5	3.94	3.29	2.54	1.74	1	0.42	0	1.57	2.49	3.74	3.78	3.63	3.58	1.01
5.42	4.97	4.48	3.92	3.28	2.53	1.73	0.99	0.42	0	1.89	2.41	3.74	3.71	3.61	3.58	1
5.4	4.95	4.46	3.91	3.26	2.51	1.71	0.98	0.41	0	1.94	2.11	3.74	3.69	3.6	3.56	1
5.39	4.94	4.45	3.9	3.25	2.5	1.7	0.97	0.4	0	2.06	2.43	3.72	3.73	3.61	3.56	1
5.38	4.93	4.44	3.89	3.24	2.48	1.68	0.96	0.4	0	1.93	2.24	3.74	3.8	3.6	3.57	1
5.39	4.93	4.44	3.88	3.23	2.47	1.66	0.94	0.39	0	1.72	2.15	3.75	3.9	3.62	3.58	1
5.4	4.94	4.44	3.88	3.22	2.46	1.65	0.93	0.38	0	2.09	2.29	3.75	3.96	3.61	3.59	0.99
5.41	4.95	4.45	3.88	3.22	2.44	1.64	0.92	0.37	0	2.01	2.38	3.76	3.95	3.58	3.59	0.99
5.42	4.96	4.45	3.88	3.21	2.43	1.62	0.91	0.37	0	1.49	2.41	3.74	3.87	3.59	3.56	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.44	4.97	4.46	3.88	3.21	2.42	1.61	0.9	0.36	0	1.72	2.34	3.75	3.81	3.59	3.55	0.99
5.45	4.98	4.47	3.89	3.2	2.41	1.6	0.89	0.35	0	1.95	2.27	3.73	3.79	3.6	3.54	0.99
5.47	4.99	4.47	3.89	3.2	2.41	1.59	0.88	0.35	0	1.76	2.41	3.73	3.84	3.6	3.54	0.99
5.48	5	4.48	3.89	3.2	2.4	1.58	0.87	0.34	0	1.68	2.32	3.73	3.94	3.6	3.58	0.99
5.5	5.01	4.49	3.89	3.19	2.39	1.57	0.86	0.33	0	1.77	2.39	3.75	4.01	3.59	3.6	0.99
5.51	5.02	4.49	3.89	3.19	2.38	1.56	0.85	0.33	0	2.07	2.47	3.76	4.05	3.6	3.61	0.98
5.51	5.02	4.49	3.89	3.18	2.37	1.55	0.84	0.32	0	2.14	2.41	3.74	4.04	3.6	3.61	0.98
5.52	5.02	4.49	3.88	3.17	2.36	1.53	0.83	0.31	0	1.79	2.47	3.74	3.98	3.6	3.6	0.98
5.52	5.02	4.49	3.88	3.16	2.34	1.51	0.81	0.3	0	1.91	2.15	3.74	3.91	3.61	3.55	0.98
5.52	5.02	4.48	3.87	3.15	2.33	1.5	0.8	0.29	0	1.56	2.17	3.74	3.88	3.62	3.55	0.98
5.52	5.02	4.48	3.86	3.14	2.31	1.48	0.78	0.28	0	1.8	2.37	3.73	3.9	3.6	3.56	0.98
5.52	5.02	4.48	3.86	3.13	2.29	1.46	0.77	0.27	0	1.87	2.39	3.73	3.88	3.6	3.55	0.98
5.53	5.03	4.48	3.85	3.12	2.28	1.44	0.76	0.26	0	1.69	2.42	3.72	3.86	3.6	3.55	0.98
5.54	5.04	4.48	3.85	3.1	2.26	1.43	0.75	0.25	0	2.19	2.19	3.72	3.89	3.59	3.54	0.98
5.55	5.05	4.48	3.84	3.09	2.24	1.41	0.73	0.25	0	2.13	2.33	3.72	3.87	3.6	3.53	0.98
5.56	5.05	4.48	3.83	3.07	2.21	1.39	0.72	0.24	0	1.83	2.37	3.72	3.92	3.59	3.57	0.98
5.57	5.05	4.48	3.81	3.04	2.18	1.36	0.7	0.23	0	1.69	2.44	3.73	4.01	3.6	3.56	0.98
5.58	5.05	4.47	3.8	3.02	2.15	1.34	0.69	0.23	0	1.95	2.18	3.74	4.07	3.61	3.56	0.99
5.58	5.06	4.47	3.78	3	2.13	1.32	0.68	0.22	0	2.2	2.35	3.74	4.08	3.61	3.58	0.99
5.59	5.06	4.46	3.77	2.98	2.11	1.3	0.67	0.22	0	2.18	2.32	3.74	4.06	3.62	3.57	0.99
5.59	5.05	4.46	3.76	2.96	2.09	1.29	0.66	0.22	0	1.86	2.13	3.74	4	3.63	3.59	0.99
5.58	5.05	4.45	3.74	2.94	2.07	1.28	0.65	0.21	0	1.92	2.15	3.75	3.91	3.62	3.57	1
5.58	5.05	4.44	3.73	2.92	2.06	1.27	0.65	0.21	0	2.06	2.04	3.72	3.83	3.61	3.56	1
5.57	5.04	4.43	3.72	2.91	2.05	1.26	0.64	0.22	0	1.73	2.1	3.73	3.89	3.61	3.56	1
5.57	5.03	4.43	3.71	2.9	2.04	1.26	0.64	0.22	0	1.76	2.41	3.73	3.91	3.6	3.56	1
5.56	5.03	4.42	3.71	2.89	2.04	1.26	0.65	0.22	0	1.79	2.58	3.75	3.95	3.58	3.57	1
5.55	5.02	4.41	3.7	2.88	2.03	1.26	0.65	0.23	0	2.05	2.44	3.74	3.92	3.59	3.58	1
5.54	5.01	4.4	3.69	2.88	2.03	1.25	0.65	0.23	0	1.89	2.19	3.76	3.88	3.61	3.57	1
5.53	5	4.39	3.68	2.87	2.02	1.25	0.65	0.23	0	1.62	1.8	3.74	3.91	3.61	3.56	1
5.51	4.98	4.37	3.66	2.86	2.02	1.25	0.65	0.23	0	1.79	2.27	3.75	3.89	3.63	3.59	1
5.49	4.96	4.36	3.65	2.85	2.01	1.25	0.65	0.23	0	1.66	2.33	3.73	3.88	3.62	3.59	1
5.46	4.94	4.33	3.63	2.83	2	1.24	0.65	0.23	0	2.18	2.32	3.73	3.92	3.62	3.58	1
5.43	4.91	4.31	3.61	2.82	1.99	1.23	0.65	0.23	0	2.1	2.44	3.75	4.01	3.62	3.6	1
5.4	4.88	4.29	3.59	2.8	1.98	1.23	0.64	0.23	0	2.08	2.22	3.75	4.1	3.6	3.61	1
5.36	4.85	4.26	3.56	2.78	1.97	1.22	0.64	0.23	0	2.42	2.2	3.74	4.11	3.6	3.62	1
5.33	4.82	4.23	3.54	2.76	1.95	1.21	0.63	0.22	0	2.46	2.38	3.75	4.13	3.61	3.65	1
5.29	4.79	4.2	3.51	2.74	1.94	1.2	0.62	0.22	0	1.99	2.33	3.74	4.08	3.61	3.64	1
5.26	4.76	4.17	3.49	2.72	1.92	1.18	0.61	0.22	0	2.01	2.15	3.73	3.97	3.63	3.58	1
5.23	4.73	4.15	3.46	2.69	1.9	1.17	0.61	0.21	0	2.4	2.36	3.73	3.81	3.6	3.55	0.99
5.2	4.7	4.12	3.44	2.67	1.89	1.16	0.6	0.21	0	2.39	2.2	3.74	3.77	3.59	3.55	0.99
5.18	4.68	4.1	3.42	2.66	1.87	1.15	0.59	0.21	0	2.32	2.37	3.73	3.91	3.59	3.55	0.99
5.15	4.65	4.07	3.4	2.64	1.85	1.14	0.58	0.2	0	1.97	2.35	3.73	4	3.61	3.63	0.99
5.12	4.63	4.05	3.38	2.62	1.84	1.12	0.57	0.2	0	2.24	2.18	3.75	4.12	3.61	3.66	0.99
5.1	4.6	4.03	3.36	2.6	1.82	1.11	0.57	0.2	0	2.54	2.54	3.75	4.17	3.64	3.66	0.99
5.07	4.58	4.01	3.34	2.59	1.81	1.1	0.56	0.19	0	2.44	2.48	3.75	4.16	3.64	3.66	0.99
5.04	4.56	3.99	3.32	2.57	1.79	1.08	0.55	0.19	0	1.93	2.38	3.74	4.13	3.65	3.66	0.99
5.02	4.53	3.97	3.31	2.55	1.78	1.07	0.54	0.19	0	1.96	2.51	3.73	4.04	3.6	3.59	0.98
4.99	4.51	3.95	3.3	2.54	1.76	1.06	0.53	0.19	0	2.2	2.4	3.73	3.96	3.6	3.58	0.98
4.97	4.49	3.94	3.28	2.53	1.75	1.05	0.52	0.18	0	2.42	2.35	3.73	3.89	3.62	3.58	0.98
4.95	4.48	3.92	3.28	2.52	1.74	1.04	0.51	0.18	0	2.07	2.47	3.74	3.87	3.61	3.6	0.98
4.93	4.45	3.91	3.27	2.51	1.74	1.03	0.51	0.18	0	1.81	2.42	3.73	3.92	3.61	3.59	0.98
4.9	4.44	3.9	3.26	2.5	1.73	1.02	0.5	0.18	0	1.88	2.51	3.74	3.92	3.61	3.59	0.98
4.88	4.42	3.88	3.24	2.5	1.72	1.01	0.5	0.18	0	1.91	2.47	3.77	3.92	3.63	3.59	0.98
4.86	4.4	3.86	3.23	2.49	1.71	1	0.49	0.18	0	1.81	2.32	3.73	3.84	3.62	3.56	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.84	4.38	3.85	3.22	2.48	1.7	1	0.49	0.17	0	2	2.39	3.74	3.76	3.61	3.58	0.97
4.81	4.35	3.83	3.21	2.47	1.7	0.99	0.48	0.17	0	1.69	2.32	3.72	3.7	3.61	3.57	0.97
4.78	4.33	3.81	3.2	2.46	1.69	0.99	0.48	0.17	0	1.76	2.4	3.72	3.71	3.62	3.56	0.97
4.76	4.32	3.8	3.18	2.45	1.68	0.98	0.48	0.17	0	1.73	2.42	3.74	3.75	3.62	3.59	0.97
4.74	4.3	3.79	3.17	2.44	1.67	0.98	0.48	0.17	0	1.77	2.39	3.74	3.77	3.63	3.58	0.97
4.73	4.28	3.77	3.16	2.43	1.67	0.97	0.47	0.17	0	1.55	2.26	3.73	3.73	3.63	3.58	0.97
4.71	4.27	3.76	3.15	2.42	1.66	0.96	0.47	0.17	0	1.77	2.38	3.73	3.71	3.61	3.59	0.97
4.7	4.26	3.75	3.13	2.41	1.65	0.96	0.46	0.17	0	2.2	2.31	3.74	3.71	3.58	3.57	0.97
4.69	4.24	3.73	3.11	2.39	1.63	0.95	0.46	0.16	0	2.14	2.35	3.74	3.71	3.61	3.59	0.97
4.67	4.23	3.71	3.09	2.37	1.61	0.94	0.45	0.16	0	1.91	2.25	3.74	3.73	3.64	3.62	0.97
4.65	4.21	3.69	3.07	2.35	1.6	0.92	0.44	0.16	0	2.28	1.99	3.73	3.75	3.66	3.65	0.97
4.63	4.18	3.66	3.04	2.32	1.58	0.91	0.43	0.15	0	2.46	2.36	3.74	3.8	3.65	3.62	0.97
4.6	4.15	3.64	3.02	2.3	1.56	0.9	0.43	0.15	0	2.39	2.51	3.73	3.83	3.67	3.63	0.97
4.57	4.13	3.61	2.99	2.28	1.54	0.89	0.42	0.15	0	2.01	2.3	3.73	3.83	3.64	3.62	0.97
4.54	4.1	3.59	2.97	2.26	1.52	0.88	0.42	0.15	0	2.02	1.98	3.73	3.77	3.62	3.6	0.97
4.52	4.08	3.57	2.95	2.24	1.51	0.87	0.41	0.14	0	2.35	2.09	3.71	3.71	3.6	3.58	0.97
4.51	4.06	3.55	2.93	2.22	1.49	0.86	0.41	0.14	0	2.33	1.89	3.72	3.69	3.58	3.55	0.97
4.5	4.06	3.54	2.92	2.21	1.48	0.85	0.41	0.14	0	2.34	2.04	3.73	3.72	3.59	3.57	0.98
4.5	4.05	3.53	2.91	2.19	1.47	0.85	0.41	0.14	0	2.31	1.97	3.73	3.77	3.62	3.57	0.98
4.5	4.05	3.52	2.89	2.18	1.46	0.84	0.4	0.14	0	2.06	2.2	3.74	3.8	3.61	3.58	0.98
4.51	4.05	3.51	2.88	2.16	1.45	0.84	0.4	0.14	0	1.95	1.97	3.75	3.85	3.62	3.6	0.99
4.51	4.04	3.5	2.86	2.14	1.43	0.83	0.4	0.14	0	2.2	2.11	3.75	3.92	3.62	3.59	0.99
4.5	4.03	3.48	2.84	2.12	1.42	0.82	0.4	0.14	0	2.36	2.29	3.77	4.06	3.64	3.58	0.99
4.48	4.01	3.46	2.82	2.1	1.41	0.82	0.39	0.14	0	2.38	2.36	3.76	4.1	3.64	3.57	1
4.45	3.99	3.44	2.8	2.08	1.4	0.81	0.39	0.14	0	2.02	2.39	3.76	4.04	3.63	3.58	1
4.42	3.96	3.42	2.77	2.06	1.38	0.81	0.39	0.14	0	1.89	2.4	3.73	3.98	3.64	3.58	1
4.39	3.93	3.39	2.75	2.05	1.38	0.8	0.39	0.14	0	2.29	2.26	3.75	3.95	3.61	3.57	0.99
4.36	3.91	3.37	2.73	2.03	1.37	0.8	0.39	0.14	0	2.35	2.04	3.73	3.93	3.59	3.59	0.99
4.34	3.88	3.34	2.71	2.02	1.36	0.79	0.39	0.14	0	2.19	2.23	3.73	3.96	3.6	3.62	0.99
4.32	3.87	3.32	2.69	2.01	1.35	0.79	0.39	0.14	0	1.96	2.44	3.74	4.02	3.62	3.61	0.98
4.31	3.85	3.31	2.68	2	1.35	0.79	0.39	0.14	0	1.84	2.63	3.74	4.11	3.62	3.61	0.98
4.31	3.84	3.29	2.66	1.99	1.34	0.79	0.39	0.14	0	1.94	2.47	3.75	4.13	3.59	3.61	0.98
4.3	3.83	3.28	2.65	1.98	1.34	0.79	0.39	0.14	0	2.28	2.31	3.75	4.13	3.61	3.63	0.98
4.29	3.82	3.27	2.64	1.97	1.33	0.79	0.39	0.14	0	2.32	2.38	3.75	4.14	3.61	3.63	0.97
4.28	3.81	3.26	2.64	1.97	1.33	0.79	0.39	0.14	0	2.16	2.36	3.73	4.06	3.6	3.61	0.97
4.27	3.8	3.26	2.63	1.97	1.33	0.78	0.39	0.14	0	1.71	2.62	3.71	3.96	3.59	3.58	0.97
4.26	3.8	3.25	2.63	1.96	1.32	0.78	0.39	0.14	0	2.33	2.58	3.71	3.79	3.6	3.59	0.97
4.26	3.8	3.25	2.63	1.96	1.32	0.78	0.39	0.14	0	2.41	2.31	3.71	3.69	3.59	3.57	0.98
4.26	3.8	3.25	2.63	1.96	1.32	0.77	0.38	0.14	0	2.51	2.37	3.71	3.69	3.59	3.54	0.98
4.27	3.8	3.26	2.63	1.96	1.31	0.77	0.38	0.14	0	2.29	2.15	3.73	3.81	3.61	3.58	0.98
4.27	3.8	3.26	2.63	1.95	1.31	0.77	0.38	0.14	0	2.02	1.77	3.73	3.98	3.59	3.57	0.98
4.27	3.8	3.26	2.63	1.96	1.31	0.77	0.38	0.13	0	2.33	2.43	3.76	4.14	3.62	3.59	0.98
4.26	3.8	3.26	2.64	1.96	1.31	0.77	0.38	0.13	0	2.58	2.09	3.77	4.16	3.67	3.58	0.99
4.25	3.8	3.27	2.64	1.97	1.31	0.77	0.38	0.13	0	2.49	2.02	3.77	4.1	3.65	3.58	0.99
4.23	3.79	3.27	2.65	1.97	1.32	0.77	0.38	0.13	0	2.38	2.2	3.75	4	3.63	3.6	0.99
4.21	3.78	3.26	2.66	1.99	1.33	0.78	0.38	0.13	0	2	1.8	3.74	3.79	3.64	3.61	0.98
4.19	3.76	3.26	2.67	2	1.34	0.78	0.38	0.13	0	1.94	1.92	3.7	3.79	3.61	3.59	0.98
4.17	3.75	3.26	2.67	2.01	1.35	0.79	0.39	0.13	0	2.48	2.21	3.7	3.85	3.6	3.55	0.98
4.16	3.74	3.25	2.68	2.02	1.35	0.79	0.39	0.13	0	2.61	2.25	3.7	3.84	3.6	3.56	0.98
4.15	3.74	3.25	2.68	2.02	1.36	0.8	0.39	0.13	0	2.52	2.22	3.72	3.75	3.6	3.56	0.98
4.15	3.74	3.25	2.68	2.03	1.37	0.8	0.4	0.13	0	2.02	1.75	3.72	3.9	3.62	3.59	0.98
4.15	3.73	3.25	2.68	2.03	1.37	0.81	0.4	0.13	0	1.93	2.33	3.73	4.05	3.64	3.58	0.97
4.15	3.73	3.24	2.68	2.03	1.38	0.82	0.41	0.14	0	2.51	2.35	3.76	4.12	3.63	3.61	0.97
4.14	3.73	3.24	2.68	2.04	1.39	0.82	0.41	0.14	0	2.52	2.28	3.76	4.13	3.62	3.6	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.13	3.72	3.24	2.68	2.05	1.4	0.83	0.42	0.14	0	2.26	2.41	3.74	4.05	3.62	3.57	0.97
4.12	3.71	3.23	2.68	2.05	1.41	0.84	0.42	0.14	0	1.77	2.44	3.73	3.91	3.62	3.57	0.97
4.1	3.69	3.22	2.68	2.06	1.42	0.85	0.43	0.15	0	2.23	2.28	3.72	3.81	3.61	3.58	0.97
4.08	3.68	3.22	2.68	2.07	1.43	0.86	0.44	0.15	0	2.16	1.96	3.71	3.77	3.59	3.55	0.97
4.06	3.66	3.21	2.68	2.08	1.45	0.87	0.44	0.15	0	2.01	2.24	3.72	3.82	3.57	3.57	0.97
4.05	3.65	3.21	2.69	2.09	1.46	0.89	0.45	0.15	0	1.69	2.54	3.72	3.85	3.56	3.59	0.97
4.04	3.65	3.21	2.69	2.1	1.47	0.9	0.45	0.16	0	1.84	2.46	3.72	3.86	3.59	3.58	0.97
4.04	3.65	3.21	2.69	2.11	1.48	0.91	0.46	0.16	0	1.84	2.4	3.72	3.89	3.61	3.57	0.97
4.04	3.64	3.2	2.69	2.11	1.49	0.91	0.47	0.16	0	1.59	2.34	3.73	3.94	3.62	3.57	0.98
4.03	3.64	3.2	2.7	2.12	1.5	0.92	0.47	0.17	0	2.14	1.55	3.75	3.95	3.62	3.55	0.98
4.03	3.63	3.2	2.7	2.13	1.51	0.93	0.48	0.17	0	2.13	1.78	3.74	4.02	3.63	3.58	0.98
4.01	3.63	3.19	2.7	2.13	1.52	0.94	0.49	0.17	0	2.01	2.05	3.74	4.06	3.62	3.58	0.98
4	3.62	3.19	2.7	2.14	1.53	0.96	0.5	0.17	0	1.63	2.36	3.75	4.04	3.61	3.58	0.98
3.99	3.61	3.18	2.7	2.15	1.54	0.97	0.5	0.18	0	1.87	2.51	3.73	3.99	3.6	3.59	0.98
3.97	3.6	3.18	2.7	2.15	1.55	0.98	0.51	0.18	0	1.93	2.25	3.71	3.96	3.6	3.57	0.98
3.96	3.58	3.17	2.7	2.16	1.56	0.99	0.52	0.18	0	2.07	2.3	3.73	3.95	3.63	3.57	0.99
3.94	3.57	3.16	2.69	2.16	1.57	1	0.53	0.19	0	1.79	2.52	3.72	3.99	3.62	3.55	0.99
3.92	3.56	3.15	2.69	2.16	1.58	1.01	0.54	0.19	0	1.66	2.49	3.74	4	3.6	3.56	0.99
3.91	3.55	3.14	2.69	2.16	1.58	1.02	0.55	0.2	0	1.69	2.42	3.74	4	3.62	3.55	0.99
3.89	3.53	3.13	2.68	2.16	1.59	1.03	0.55	0.2	0	1.57	2.27	3.74	3.97	3.61	3.57	0.98
3.88	3.52	3.13	2.68	2.16	1.6	1.03	0.56	0.21	0	1.76	2.15	3.73	3.92	3.59	3.57	0.98
3.86	3.51	3.12	2.67	2.16	1.6	1.04	0.57	0.21	0	1.57	2.24	3.74	4.01	3.6	3.58	0.98
3.84	3.49	3.1	2.66	2.15	1.6	1.05	0.57	0.21	0	1.99	2.18	3.74	4	3.6	3.58	0.98
3.82	3.47	3.09	2.65	2.15	1.6	1.05	0.58	0.22	0	1.97	2.39	3.76	4.05	3.59	3.61	0.98
3.79	3.45	3.07	2.64	2.15	1.6	1.05	0.58	0.22	0	2.03	2.56	3.75	4.04	3.59	3.59	0.97
3.77	3.43	3.06	2.63	2.14	1.6	1.06	0.59	0.22	0	2.02	2.5	3.74	4.05	3.6	3.59	0.97
3.74	3.4	3.04	2.62	2.14	1.6	1.06	0.59	0.22	0	1.48	2.32	3.74	4	3.6	3.58	0.97
3.71	3.38	3.02	2.61	2.13	1.61	1.06	0.59	0.23	0	1.61	2.45	3.74	3.95	3.6	3.6	0.96
3.68	3.35	3	2.6	2.13	1.61	1.07	0.6	0.23	0	1.98	2.41	3.72	3.87	3.61	3.6	0.96
3.65	3.33	2.98	2.59	2.13	1.61	1.08	0.61	0.23	0	2.01	2.39	3.72	3.82	3.6	3.57	0.95
3.62	3.3	2.96	2.57	2.12	1.61	1.08	0.61	0.24	0	1.86	2.33	3.71	3.84	3.61	3.58	0.95
3.59	3.28	2.94	2.56	2.12	1.62	1.09	0.62	0.24	0	2	2.38	3.71	3.9	3.62	3.56	0.95
3.57	3.26	2.93	2.56	2.12	1.63	1.1	0.63	0.25	0	2.07	2.36	3.72	3.94	3.62	3.56	0.95
3.55	3.24	2.92	2.55	2.12	1.63	1.11	0.64	0.26	0	1.91	2.25	3.73	3.93	3.61	3.56	0.94
3.53	3.23	2.91	2.54	2.12	1.64	1.12	0.65	0.26	0	1.56	2.21	3.73	3.85	3.59	3.56	0.95
3.52	3.22	2.9	2.54	2.13	1.65	1.14	0.66	0.27	0	2.06	1.69	3.72	3.77	3.61	3.54	0.95
3.51	3.21	2.89	2.54	2.13	1.66	1.15	0.67	0.28	0	2.12	1.44	3.72	3.69	3.61	3.58	0.95
3.5	3.2	2.88	2.53	2.13	1.67	1.16	0.68	0.28	0	1.9	1.98	3.71	3.76	3.6	3.59	0.95
3.49	3.19	2.87	2.53	2.13	1.67	1.17	0.69	0.29	0	1.88	2.34	3.71	3.84	3.63	3.59	0.95
3.47	3.18	2.86	2.52	2.13	1.68	1.18	0.7	0.3	0	2.2	2.42	3.74	3.96	3.63	3.59	0.95
3.46	3.16	2.85	2.51	2.13	1.68	1.18	0.71	0.3	0	2.3	2.46	3.75	4	3.63	3.59	0.95
3.44	3.14	2.83	2.5	2.12	1.68	1.18	0.71	0.31	0	2.3	2.28	3.75	4	3.64	3.55	0.95
3.41	3.12	2.81	2.49	2.11	1.68	1.19	0.71	0.31	0	1.68	2.52	3.74	3.98	3.62	3.54	0.95
3.39	3.1	2.79	2.47	2.1	1.67	1.18	0.71	0.31	0	1.86	2.29	3.73	3.91	3.62	3.56	0.95
3.36	3.07	2.77	2.45	2.09	1.66	1.18	0.71	0.31	0	1.84	2.38	3.73	3.78	3.61	3.59	0.95
3.34	3.05	2.76	2.44	2.08	1.65	1.17	0.71	0.3	0	1.96	2.19	3.69	3.73	3.61	3.58	0.95
3.32	3.04	2.74	2.42	2.06	1.64	1.17	0.7	0.3	0	2.64	2.14	3.7	3.77	3.59	3.57	0.95
3.31	3.02	2.73	2.41	2.05	1.63	1.16	0.69	0.29	0	2.3	2.4	3.7	3.73	3.58	3.56	0.95
3.3	3.02	2.72	2.4	2.04	1.62	1.15	0.69	0.28	0	2.17	2.09	3.72	3.85	3.59	3.56	0.96
3.3	3.01	2.71	2.4	2.03	1.61	1.14	0.68	0.28	0	1.64	2.31	3.73	4	3.59	3.58	0.96
3.3	3.01	2.71	2.39	2.02	1.61	1.14	0.68	0.28	0	2.25	2.48	3.74	4.04	3.6	3.57	0.96
3.3	3.01	2.71	2.38	2.02	1.6	1.13	0.67	0.27	0	2.17	2.46	3.74	4.05	3.63	3.59	0.96
3.3	3.01	2.7	2.38	2.01	1.59	1.12	0.66	0.27	0	1.86	2.3	3.75	4.11	3.64	3.57	0.97
3.3	3	2.7	2.37	2	1.58	1.12	0.66	0.27	0	1.79	2.37	3.74	4.11	3.63	3.56	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.29	3	2.69	2.37	2	1.58	1.11	0.65	0.27	0	1.99	2.11	3.74	4.07	3.63	3.56	0.97
3.29	3	2.69	2.37	1.99	1.57	1.1	0.65	0.26	0	1.71	2.49	3.73	4.07	3.61	3.56	0.97
3.29	3	2.69	2.37	1.99	1.57	1.1	0.65	0.27	0	1.51	2.19	3.72	4.07	3.58	3.58	0.97
3.3	3	2.7	2.37	2	1.57	1.1	0.65	0.27	0	2.14	2.26	3.71	3.99	3.6	3.61	0.98
3.31	3.01	2.71	2.38	2.01	1.58	1.11	0.66	0.28	0	2.33	2.19	3.72	3.95	3.6	3.57	0.98
3.33	3.03	2.72	2.39	2.02	1.59	1.12	0.67	0.29	0	2.39	2.17	3.72	3.96	3.58	3.57	0.98
3.35	3.05	2.74	2.41	2.03	1.6	1.13	0.68	0.3	0	1.9	2.39	3.72	4.1	3.58	3.6	0.98
3.36	3.06	2.75	2.42	2.04	1.61	1.14	0.69	0.31	0	2.1	2.51	3.74	4.2	3.61	3.61	0.97
3.38	3.08	2.77	2.44	2.06	1.63	1.15	0.7	0.32	0	2.42	2.48	3.76	4.22	3.65	3.62	0.97
3.39	3.09	2.78	2.45	2.07	1.64	1.16	0.71	0.33	0	2.4	2.36	3.75	4.21	3.62	3.62	0.97
3.39	3.1	2.79	2.46	2.08	1.65	1.17	0.72	0.34	0	1.84	1.9	3.74	4.22	3.6	3.61	0.97
3.39	3.1	2.8	2.47	2.09	1.66	1.18	0.73	0.34	0	1.6	2.21	3.73	4.15	3.57	3.64	0.97
3.39	3.11	2.8	2.47	2.1	1.66	1.18	0.73	0.35	0	1.54	2.37	3.71	4.12	3.58	3.65	0.96
3.4	3.11	2.8	2.48	2.11	1.67	1.19	0.74	0.35	0	2.19	2.49	3.71	4.13	3.62	3.68	0.96
3.4	3.11	2.81	2.49	2.11	1.67	1.19	0.74	0.35	0	1.78	2.31	3.72	4	3.64	3.62	0.96
3.4	3.12	2.82	2.49	2.12	1.68	1.19	0.74	0.35	0	2.16	2.28	3.71	3.96	3.62	3.59	0.96
3.41	3.13	2.82	2.5	2.12	1.68	1.19	0.74	0.35	0	2.45	2.39	3.72	3.94	3.61	3.57	0.96
3.43	3.14	2.83	2.5	2.12	1.68	1.19	0.74	0.35	0	2.33	2.44	3.71	3.89	3.6	3.57	0.96
3.44	3.15	2.84	2.51	2.13	1.68	1.19	0.74	0.35	0	1.39	2.35	3.71	3.91	3.6	3.56	0.96
3.45	3.16	2.84	2.51	2.13	1.68	1.19	0.73	0.35	0	2.12	2.34	3.75	3.99	3.61	3.57	0.96
3.46	3.16	2.85	2.51	2.13	1.68	1.19	0.73	0.34	0	2.26	2.37	3.75	4.05	3.62	3.58	0.96
3.47	3.16	2.85	2.51	2.13	1.67	1.18	0.72	0.34	0	2.22	2.53	3.74	4.03	3.62	3.59	0.96
3.47	3.17	2.86	2.52	2.13	1.68	1.18	0.72	0.34	0	1.92	2.56	3.73	3.94	3.59	3.57	0.96
3.48	3.18	2.86	2.52	2.13	1.68	1.18	0.72	0.34	0	1.7	2.5	3.72	3.87	3.59	3.58	0.96
3.49	3.19	2.87	2.53	2.14	1.68	1.18	0.73	0.34	0	2.14	2.45	3.71	3.77	3.59	3.55	0.96
3.5	3.2	2.88	2.54	2.15	1.69	1.19	0.73	0.34	0	2.14	2.29	3.72	3.73	3.59	3.56	0.96
3.51	3.21	2.89	2.55	2.16	1.69	1.19	0.73	0.34	0	1.79	2.2	3.72	3.73	3.6	3.57	0.96
3.53	3.22	2.91	2.56	2.16	1.7	1.2	0.73	0.34	0	1.62	2.33	3.73	3.8	3.61	3.58	0.97
3.55	3.24	2.92	2.58	2.17	1.7	1.2	0.73	0.34	0	2.01	2.32	3.73	3.89	3.62	3.59	0.97
3.57	3.26	2.94	2.59	2.18	1.71	1.2	0.73	0.34	0	2.11	2.36	3.74	3.98	3.6	3.59	0.97
3.6	3.29	2.96	2.61	2.2	1.72	1.21	0.73	0.34	0	1.69	2.3	3.73	3.94	3.61	3.58	0.97
3.63	3.31	2.98	2.63	2.21	1.73	1.21	0.74	0.34	0	1.66	2.29	3.72	3.83	3.6	3.57	0.97
3.66	3.34	3.01	2.65	2.23	1.74	1.22	0.74	0.34	0	2.13	2.08	3.73	3.78	3.63	3.54	0.98
3.7	3.38	3.04	2.67	2.24	1.75	1.22	0.74	0.34	0	2.11	1.98	3.73	3.79	3.62	3.57	0.98
3.74	3.41	3.07	2.7	2.26	1.76	1.23	0.74	0.34	0	1.76	2.3	3.74	3.89	3.64	3.58	0.98
3.77	3.45	3.1	2.72	2.28	1.78	1.24	0.74	0.34	0	1.85	2.38	3.74	3.95	3.63	3.58	0.98
3.81	3.48	3.13	2.74	2.3	1.79	1.25	0.75	0.34	0	2.11	2.39	3.74	4	3.64	3.58	0.98
3.84	3.51	3.15	2.77	2.32	1.81	1.26	0.75	0.34	0	2.24	2.65	3.75	4.08	3.64	3.58	0.98
3.87	3.54	3.18	2.79	2.34	1.82	1.26	0.76	0.34	0	2.22	2.56	3.74	4.11	3.63	3.57	0.98
3.9	3.56	3.21	2.82	2.36	1.83	1.27	0.76	0.34	0	2.06	2.39	3.74	4	3.63	3.56	0.98
3.93	3.59	3.23	2.84	2.38	1.85	1.28	0.76	0.34	0	1.6	2.57	3.72	3.91	3.61	3.56	0.98
3.96	3.62	3.26	2.86	2.4	1.86	1.28	0.77	0.34	0	1.93	2.53	3.71	3.83	3.61	3.57	0.98
3.99	3.65	3.29	2.88	2.41	1.87	1.29	0.77	0.34	0	2.25	2.34	3.7	3.73	3.59	3.55	0.98
4.02	3.68	3.31	2.9	2.43	1.88	1.29	0.77	0.34	0	2.48	2.06	3.7	3.73	3.54	3.56	0.98
4.07	3.72	3.34	2.93	2.44	1.88	1.29	0.76	0.34	0	2.34	2.21	3.71	3.86	3.57	3.55	0.98
4.11	3.75	3.37	2.95	2.46	1.89	1.29	0.76	0.33	0	2.14	2.35	3.72	4.01	3.61	3.58	0.98
4.16	3.79	3.4	2.97	2.47	1.9	1.3	0.76	0.33	0	2.07	2.34	3.76	4.11	3.61	3.63	0.98
4.2	3.83	3.43	2.99	2.48	1.9	1.3	0.75	0.33	0	2.38	2.5	3.75	4.19	3.63	3.6	0.98
4.24	3.86	3.46	3.01	2.5	1.91	1.29	0.75	0.32	0	2.25	2.43	3.75	4.17	3.62	3.58	0.98
4.27	3.89	3.48	3.03	2.51	1.91	1.29	0.75	0.32	0	2.17	2.35	3.74	4.13	3.6	3.57	0.98
4.3	3.91	3.5	3.04	2.52	1.92	1.29	0.75	0.32	0	1.84	2.12	3.72	4.02	3.61	3.56	0.98
4.32	3.93	3.52	3.06	2.53	1.92	1.29	0.74	0.31	0	1.94	2.23	3.72	3.94	3.6	3.54	0.98
4.34	3.95	3.53	3.07	2.54	1.92	1.29	0.74	0.31	0	2.24	2.43	3.71	3.89	3.56	3.54	0.98
4.35	3.96	3.55	3.09	2.55	1.93	1.29	0.74	0.31	0	2.24	2.53	3.72	3.9	3.57	3.55	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.37	3.97	3.56	3.1	2.56	1.93	1.29	0.74	0.31	0	1.7	2.48	3.7	3.98	3.59	3.55	0.97
4.38	3.99	3.57	3.11	2.56	1.93	1.29	0.74	0.31	0	1.79	2.33	3.73	4.04	3.6	3.57	0.97
4.4	4	3.58	3.12	2.57	1.94	1.29	0.74	0.31	0	1.63	2.5	3.73	4.05	3.58	3.58	0.97
4.41	4.02	3.6	3.13	2.58	1.94	1.3	0.74	0.31	0	1.63	2.64	3.72	4.06	3.58	3.58	0.96
4.43	4.03	3.61	3.14	2.58	1.95	1.3	0.74	0.31	0	2.03	2.66	3.7	4.07	3.6	3.58	0.96
4.44	4.04	3.62	3.15	2.59	1.95	1.3	0.74	0.31	0	1.89	2.36	3.72	4.05	3.59	3.58	0.96
4.45	4.05	3.63	3.15	2.6	1.95	1.3	0.74	0.32	0	2.13	2.12	3.72	3.98	3.59	3.59	0.96
4.46	4.06	3.63	3.16	2.6	1.96	1.3	0.74	0.32	0	1.85	2.33	3.73	3.95	3.57	3.58	0.96
4.47	4.07	3.64	3.16	2.6	1.95	1.3	0.74	0.32	0	2.24	2.53	3.71	3.91	3.57	3.56	0.96
4.48	4.07	3.64	3.16	2.6	1.95	1.3	0.74	0.32	0	2.28	2.37	3.71	3.92	3.57	3.55	0.96
4.49	4.08	3.65	3.16	2.6	1.95	1.3	0.74	0.31	0	1.93	2.35	3.72	3.98	3.6	3.56	0.96
4.5	4.09	3.65	3.16	2.6	1.95	1.3	0.74	0.31	0	1.96	2.19	3.72	4.04	3.6	3.58	0.96
4.51	4.09	3.65	3.16	2.59	1.95	1.3	0.74	0.32	0	2.06	2.17	3.73	4.07	3.62	3.6	0.96
4.51	4.1	3.66	3.16	2.59	1.95	1.3	0.74	0.32	0	2.29	1.68	3.74	4.07	3.63	3.57	0.96
4.52	4.11	3.66	3.17	2.59	1.95	1.3	0.74	0.32	0	2.24	2.41	3.73	4.02	3.62	3.56	0.96
4.52	4.11	3.66	3.17	2.6	1.95	1.3	0.74	0.32	0	2.01	2.34	3.71	3.91	3.62	3.54	0.96
4.53	4.11	3.67	3.17	2.6	1.95	1.3	0.74	0.31	0	1.74	2.2	3.71	3.77	3.57	3.54	0.96
4.53	4.12	3.67	3.17	2.6	1.95	1.3	0.73	0.31	0	1.92	2.2	3.7	3.72	3.59	3.55	0.96
4.53	4.12	3.67	3.18	2.6	1.95	1.3	0.73	0.31	0	2.02	2.37	3.7	3.74	3.6	3.56	0.96
4.54	4.13	3.68	3.18	2.6	1.95	1.3	0.73	0.31	0	2.03	2.41	3.7	3.8	3.59	3.57	0.96
4.55	4.13	3.68	3.18	2.61	1.95	1.29	0.73	0.31	0	2.02	2.53	3.72	3.83	3.61	3.58	0.97
4.55	4.14	3.68	3.18	2.6	1.95	1.29	0.73	0.31	0	1.88	2.44	3.72	3.85	3.6	3.58	0.97
4.56	4.14	3.68	3.18	2.6	1.94	1.29	0.73	0.31	0	1.58	2.46	3.73	3.93	3.6	3.54	0.97
4.55	4.13	3.68	3.17	2.59	1.94	1.29	0.72	0.3	0	2.14	2.38	3.74	3.99	3.62	3.55	0.97
4.54	4.12	3.66	3.16	2.58	1.93	1.28	0.72	0.3	0	2.29	2.31	3.75	4.1	3.62	3.55	0.97
4.52	4.1	3.65	3.15	2.57	1.92	1.27	0.71	0.29	0	2.4	2.22	3.74	4.12	3.63	3.59	0.98
4.49	4.08	3.63	3.13	2.56	1.91	1.26	0.71	0.29	0	2.19	2.45	3.75	4.08	3.63	3.6	0.98
4.46	4.05	3.61	3.12	2.55	1.9	1.25	0.7	0.28	0	1.57	2.52	3.74	3.96	3.62	3.59	0.98
4.43	4.02	3.59	3.1	2.54	1.89	1.24	0.69	0.28	0	2.13	2.21	3.72	3.79	3.6	3.55	0.98
4.4	4	3.57	3.08	2.52	1.88	1.24	0.69	0.28	0	2.42	2.21	3.71	3.72	3.58	3.54	0.98
4.38	3.98	3.55	3.07	2.51	1.87	1.23	0.69	0.27	0	2.35	2.19	3.71	3.73	3.58	3.56	0.99
4.36	3.96	3.54	3.06	2.5	1.87	1.23	0.69	0.27	0	2.14	2.27	3.71	3.7	3.59	3.56	0.99
4.35	3.95	3.53	3.05	2.5	1.86	1.23	0.69	0.27	0	1.77	2.43	3.72	3.8	3.62	3.57	1
4.33	3.94	3.51	3.04	2.49	1.86	1.23	0.69	0.27	0	1.92	2.21	3.74	3.96	3.62	3.58	1
4.32	3.92	3.5	3.03	2.48	1.86	1.23	0.69	0.27	0	2.35	2.23	3.76	4.04	3.62	3.6	1
4.3	3.91	3.48	3.01	2.47	1.85	1.23	0.69	0.27	0	2.07	2.31	3.76	4.01	3.62	3.6	1
4.28	3.89	3.47	3	2.46	1.85	1.23	0.69	0.27	0	1.83	2.05	3.75	3.93	3.61	3.6	1
4.25	3.86	3.45	2.98	2.45	1.84	1.23	0.69	0.27	0	1.46	1.98	3.74	3.77	3.62	3.59	1.01
4.22	3.84	3.42	2.97	2.44	1.84	1.22	0.69	0.27	0	1.68	2.2	3.72	3.85	3.62	3.61	1
4.19	3.81	3.4	2.95	2.43	1.83	1.22	0.69	0.27	0	1.59	2.32	3.71	3.88	3.6	3.59	1
4.16	3.78	3.38	2.93	2.41	1.83	1.22	0.69	0.27	0	2.14	2.35	3.72	3.84	3.61	3.57	1
4.13	3.76	3.36	2.91	2.41	1.82	1.22	0.69	0.27	0	2.29	2.32	3.74	3.74	3.62	3.58	1
4.11	3.74	3.34	2.9	2.4	1.82	1.22	0.69	0.27	0	2.12	2.37	3.74	3.81	3.62	3.59	0.99
4.1	3.72	3.33	2.89	2.39	1.82	1.22	0.69	0.27	0	2.16	2.56	3.75	3.91	3.63	3.62	0.99
4.08	3.71	3.32	2.88	2.39	1.82	1.23	0.69	0.27	0	2.33	2.58	3.75	3.92	3.62	3.63	0.98
4.07	3.7	3.31	2.88	2.39	1.83	1.24	0.7	0.28	0	1.76	2.41	3.75	3.87	3.63	3.6	0.98
4.07	3.7	3.3	2.87	2.39	1.83	1.24	0.7	0.28	0	2.19	2.17	3.72	3.77	3.61	3.58	0.98
4.06	3.69	3.3	2.87	2.39	1.83	1.25	0.71	0.29	0	2.2	1.84	3.72	3.8	3.57	3.55	0.98
4.06	3.69	3.3	2.87	2.39	1.84	1.25	0.71	0.29	0	1.82	2.16	3.7	3.89	3.55	3.59	0.98
4.06	3.69	3.29	2.87	2.39	1.84	1.25	0.72	0.29	0	1.85	2.34	3.69	3.8	3.56	3.58	0.97
4.06	3.69	3.29	2.86	2.39	1.84	1.26	0.72	0.3	0	1.9	2.37	3.73	3.72	3.61	3.56	0.97
4.06	3.69	3.29	2.86	2.38	1.84	1.26	0.73	0.3	0	1.49	2.37	3.74	3.88	3.61	3.57	0.97
4.06	3.68	3.28	2.85	2.38	1.84	1.26	0.73	0.31	0	2.2	2.29	3.74	4.01	3.61	3.61	0.97
4.05	3.68	3.28	2.85	2.37	1.84	1.26	0.74	0.32	0	2.23	2.28	3.74	3.99	3.64	3.62	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.05	3.67	3.28	2.85	2.37	1.84	1.27	0.74	0.32	0	1.81	2.32	3.74	3.98	3.63	3.63	0.97
4.04	3.67	3.27	2.84	2.37	1.84	1.27	0.75	0.33	0	1.74	2.41	3.73	3.91	3.61	3.61	0.97
4.04	3.66	3.27	2.84	2.37	1.84	1.27	0.75	0.33	0	2.26	2.54	3.73	3.83	3.61	3.58	0.97
4.03	3.65	3.26	2.84	2.37	1.84	1.28	0.75	0.34	0	2.38	2.5	3.72	3.79	3.6	3.56	0.97
4.01	3.64	3.26	2.84	2.37	1.84	1.28	0.76	0.34	0	2.5	2.37	3.73	3.92	3.59	3.58	0.97
4	3.63	3.25	2.83	2.37	1.85	1.28	0.76	0.34	0	2.4	2.25	3.74	4.07	3.61	3.61	0.96
3.98	3.62	3.24	2.83	2.37	1.85	1.28	0.76	0.34	0	2.31	2.13	3.73	4.17	3.63	3.68	0.96
3.96	3.6	3.23	2.83	2.37	1.85	1.28	0.76	0.34	0	2.04	2.57	3.72	4.22	3.63	3.73	0.95
3.95	3.59	3.22	2.82	2.37	1.84	1.28	0.76	0.34	0	2.72	2.55	3.72	4.27	3.63	3.75	0.95
3.93	3.58	3.21	2.81	2.36	1.84	1.27	0.75	0.33	0	2.92	2.3	3.72	4.23	3.63	3.77	0.94
3.93	3.58	3.21	2.81	2.36	1.84	1.27	0.75	0.33	0	2.81	2.58	3.71	4.22	3.63	3.78	0.94
3.94	3.58	3.21	2.81	2.36	1.83	1.26	0.74	0.33	0	2	2.67	3.72	4.11	3.64	3.73	0.95
3.96	3.6	3.22	2.81	2.36	1.83	1.26	0.73	0.32	0	2.73	2.43	3.71	3.95	3.61	3.63	0.95
3.99	3.62	3.23	2.82	2.36	1.83	1.25	0.73	0.31	0	2.79	1.54	3.72	3.82	3.58	3.58	0.96
4.02	3.65	3.25	2.83	2.36	1.82	1.24	0.72	0.31	0	2.5	1.84	3.73	3.73	3.59	3.57	0.97
4.06	3.67	3.27	2.84	2.36	1.81	1.23	0.71	0.3	0	1.86	2.34	3.73	3.72	3.61	3.58	0.98
4.09	3.7	3.29	2.85	2.36	1.81	1.23	0.7	0.3	0	1.74	2.39	3.75	3.8	3.62	3.58	0.98
4.11	3.72	3.3	2.86	2.37	1.8	1.22	0.7	0.29	0	2.36	2.5	3.75	3.94	3.63	3.58	0.99
4.13	3.73	3.31	2.86	2.36	1.8	1.21	0.69	0.29	0	2.09	2.55	3.75	4.02	3.64	3.6	1
4.14	3.74	3.32	2.87	2.37	1.79	1.2	0.68	0.28	0	1.77	2.34	3.76	3.98	3.63	3.61	1
4.15	3.75	3.33	2.87	2.37	1.79	1.19	0.68	0.28	0	1.85	2.4	3.76	3.95	3.63	3.57	1
4.15	3.75	3.33	2.87	2.36	1.78	1.19	0.67	0.27	0	1.67	2.37	3.74	3.84	3.62	3.58	1
4.15	3.75	3.33	2.87	2.36	1.78	1.18	0.67	0.27	0	1.93	2.29	3.73	3.77	3.61	3.58	1
4.15	3.75	3.33	2.87	2.35	1.77	1.17	0.66	0.27	0	2.15	2.29	3.74	3.74	3.6	3.59	1
4.14	3.74	3.33	2.87	2.34	1.76	1.17	0.66	0.26	0	1.76	2.47	3.74	3.82	3.61	3.57	0.99
4.13	3.74	3.32	2.86	2.34	1.75	1.16	0.65	0.26	0	1.88	2.51	3.74	3.97	3.61	3.58	0.99
4.13	3.73	3.31	2.85	2.33	1.74	1.15	0.65	0.26	0	2.25	2.32	3.75	4.02	3.62	3.6	0.98
4.12	3.72	3.3	2.84	2.31	1.73	1.14	0.64	0.25	0	2.04	2.45	3.74	3.96	3.6	3.57	0.98
4.11	3.71	3.3	2.83	2.3	1.72	1.13	0.63	0.25	0	1.66	2.29	3.74	3.87	3.61	3.58	0.97
4.1	3.71	3.29	2.83	2.29	1.71	1.12	0.63	0.25	0	1.67	2.31	3.74	3.77	3.6	3.58	0.97
4.1	3.7	3.28	2.82	2.29	1.7	1.11	0.62	0.24	0	1.79	2.52	3.73	3.74	3.57	3.58	0.97
4.1	3.7	3.28	2.81	2.28	1.69	1.11	0.62	0.24	0	2.03	2.37	3.72	3.8	3.59	3.57	0.97
4.11	3.71	3.28	2.81	2.27	1.68	1.1	0.61	0.24	0	2.12	2.4	3.72	3.77	3.61	3.59	0.97
4.12	3.71	3.28	2.81	2.27	1.68	1.1	0.61	0.24	0	2	2.51	3.73	3.75	3.63	3.59	0.97
4.13	3.72	3.29	2.81	2.27	1.67	1.09	0.61	0.24	0	1.66	2.51	3.73	3.83	3.62	3.58	0.97
4.14	3.73	3.29	2.81	2.26	1.67	1.09	0.61	0.24	0	2.01	2.23	3.74	3.86	3.64	3.6	0.97
4.15	3.74	3.3	2.82	2.26	1.67	1.09	0.61	0.24	0	2.24	1.73	3.75	3.92	3.66	3.61	0.97
4.16	3.74	3.3	2.82	2.27	1.67	1.09	0.61	0.24	0	2.31	2.35	3.74	3.9	3.64	3.62	0.97
4.16	3.75	3.31	2.82	2.27	1.67	1.1	0.61	0.25	0	2.2	2.51	3.74	3.93	3.64	3.6	0.97
4.16	3.75	3.31	2.82	2.27	1.68	1.1	0.62	0.25	0	1.93	2.36	3.73	3.9	3.63	3.58	0.97
4.16	3.75	3.31	2.82	2.27	1.68	1.1	0.62	0.26	0	2.09	2.32	3.73	3.85	3.61	3.56	0.97
4.15	3.74	3.31	2.83	2.28	1.68	1.11	0.63	0.26	0	2.27	2.41	3.72	3.74	3.6	3.53	0.97
4.15	3.74	3.31	2.83	2.28	1.69	1.11	0.63	0.27	0	2.26	2.37	3.72	3.71	3.58	3.55	0.97
4.15	3.74	3.31	2.83	2.28	1.69	1.12	0.63	0.27	0	1.88	2.41	3.72	3.76	3.59	3.56	0.97
4.15	3.74	3.31	2.83	2.29	1.69	1.12	0.64	0.27	0	1.83	2.24	3.73	3.83	3.6	3.55	0.97
4.16	3.74	3.31	2.83	2.29	1.7	1.12	0.64	0.27	0	1.99	1.91	3.73	3.9	3.62	3.57	0.97
4.16	3.74	3.3	2.83	2.29	1.7	1.12	0.64	0.27	0	1.57	2.23	3.75	3.96	3.62	3.58	0.97
4.16	3.74	3.3	2.82	2.29	1.7	1.13	0.64	0.27	0	1.76	1.84	3.73	3.96	3.63	3.58	0.97
4.15	3.74	3.3	2.82	2.29	1.7	1.13	0.64	0.27	0	2.07	2.09	3.74	3.93	3.62	3.6	0.97
4.14	3.73	3.29	2.82	2.29	1.71	1.13	0.64	0.28	0	1.31	2.34	3.74	3.89	3.63	3.59	0.97
4.13	3.72	3.29	2.82	2.29	1.71	1.13	0.65	0.28	0	2.34	2.41	3.74	3.83	3.65	3.6	0.98
4.12	3.71	3.28	2.81	2.29	1.71	1.14	0.65	0.28	0	1.87	2.35	3.74	3.83	3.62	3.62	0.98
4.11	3.7	3.27	2.81	2.29	1.71	1.14	0.65	0.28	0	1.75	2.18	3.73	3.84	3.63	3.59	0.98
4.09	3.68	3.26	2.8	2.28	1.71	1.14	0.65	0.28	0	1.83	2.22	3.74	3.89	3.62	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.07	3.66	3.24	2.78	2.27	1.71	1.14	0.65	0.28	0	1.47	2.3	3.74	3.91	3.61	3.56	0.97
4.04	3.63	3.22	2.77	2.26	1.7	1.13	0.65	0.27	0	1.84	2.46	3.73	3.89	3.62	3.6	0.97
4.01	3.6	3.19	2.74	2.25	1.69	1.13	0.64	0.27	0	2.09	2.42	3.73	3.9	3.62	3.58	0.97
3.97	3.57	3.17	2.72	2.23	1.68	1.12	0.64	0.27	0	1.98	2.26	3.73	3.92	3.62	3.56	0.96
3.93	3.54	3.14	2.7	2.21	1.66	1.11	0.63	0.26	0	2.03	2.4	3.75	3.95	3.59	3.59	0.96
3.89	3.51	3.11	2.67	2.2	1.65	1.1	0.62	0.26	0	1.66	2.6	3.76	4.02	3.6	3.59	0.95
3.86	3.48	3.09	2.66	2.18	1.64	1.09	0.61	0.25	0	1.9	2.56	3.73	4.02	3.62	3.64	0.95
3.84	3.46	3.07	2.64	2.17	1.64	1.09	0.61	0.25	0	2.08	2.5	3.71	4.05	3.61	3.65	0.94
3.82	3.44	3.06	2.63	2.16	1.63	1.08	0.61	0.25	0	1.77	2.61	3.72	4.07	3.6	3.67	0.94
3.8	3.43	3.05	2.62	2.16	1.63	1.08	0.6	0.24	0	2.24	2.42	3.71	4.05	3.6	3.63	0.93
3.79	3.42	3.04	2.62	2.15	1.62	1.08	0.6	0.24	0	2.51	2.42	3.68	4.08	3.59	3.63	0.93
3.79	3.42	3.03	2.61	2.15	1.62	1.07	0.59	0.24	0	1.9	2.48	3.7	4.15	3.58	3.65	0.93
3.8	3.42	3.03	2.61	2.14	1.61	1.07	0.59	0.24	0	2.66	2.58	3.71	4.21	3.6	3.73	0.94
3.8	3.43	3.03	2.61	2.13	1.6	1.06	0.58	0.24	0	2.83	2.62	3.72	4.24	3.62	3.74	0.94
3.81	3.43	3.04	2.61	2.13	1.6	1.06	0.58	0.23	0	2.37	2.52	3.74	4.2	3.64	3.68	0.95
3.83	3.44	3.04	2.61	2.12	1.59	1.05	0.57	0.23	0	2.43	2.43	3.75	4.07	3.63	3.64	0.96
3.85	3.46	3.05	2.61	2.12	1.58	1.04	0.57	0.23	0	2.66	2.4	3.74	3.89	3.62	3.54	0.97
3.86	3.47	3.06	2.61	2.12	1.58	1.04	0.57	0.23	0	2.52	2.32	3.73	3.75	3.61	3.55	0.98
3.88	3.48	3.07	2.62	2.12	1.58	1.04	0.57	0.23	0	2.05	2.39	3.74	3.79	3.61	3.59	0.99
3.89	3.49	3.07	2.63	2.13	1.58	1.04	0.57	0.23	0	1.46	2.43	3.75	3.93	3.62	3.6	1
3.9	3.5	3.08	2.64	2.13	1.59	1.04	0.57	0.23	0	2.06	2.41	3.76	4	3.63	3.59	1
3.9	3.5	3.09	2.64	2.14	1.59	1.04	0.57	0.23	0	2.05	2.41	3.76	4.02	3.63	3.6	1
3.9	3.5	3.09	2.65	2.15	1.59	1.04	0.57	0.23	0	1.63	2.38	3.76	3.92	3.63	3.62	1
3.9	3.51	3.1	2.65	2.15	1.59	1.04	0.57	0.23	0	1.82	2.51	3.75	3.77	3.62	3.6	1
3.91	3.51	3.1	2.66	2.16	1.6	1.04	0.57	0.23	0	1.75	2.21	3.73	3.76	3.62	3.62	1
3.91	3.51	3.1	2.66	2.17	1.6	1.04	0.57	0.23	0	1.61	2.19	3.72	3.82	3.59	3.62	1
3.91	3.52	3.11	2.67	2.17	1.6	1.04	0.57	0.23	0	2.09	2.06	3.73	3.77	3.6	3.61	1
3.92	3.52	3.11	2.67	2.18	1.6	1.04	0.57	0.23	0	2.01	2.21	3.75	3.74	3.61	3.59	0.99
3.93	3.53	3.12	2.68	2.18	1.61	1.04	0.57	0.23	0	1.93	2.18	3.74	3.79	3.61	3.59	0.99
3.93	3.53	3.12	2.68	2.18	1.61	1.04	0.57	0.23	0	2.08	2.11	3.74	3.85	3.63	3.57	0.99
3.94	3.54	3.13	2.68	2.18	1.61	1.04	0.57	0.23	0	1.76	2.12	3.75	3.88	3.63	3.58	0.98
3.95	3.55	3.13	2.68	2.18	1.61	1.03	0.57	0.23	0	1.67	2.47	3.74	3.87	3.63	3.59	0.98
3.96	3.55	3.14	2.68	2.17	1.61	1.03	0.56	0.23	0	1.69	2.21	3.75	3.83	3.61	3.59	0.98
3.97	3.56	3.14	2.69	2.17	1.61	1.03	0.56	0.23	0	1.6	2.28	3.74	3.84	3.63	3.61	0.97
3.97	3.56	3.14	2.69	2.17	1.61	1.03	0.56	0.23	0	1.87	2.36	3.73	3.83	3.62	3.57	0.97
3.98	3.57	3.15	2.69	2.17	1.61	1.03	0.56	0.22	0	1.52	2.37	3.73	3.88	3.62	3.6	0.97
3.98	3.57	3.15	2.69	2.18	1.61	1.03	0.56	0.22	0	1.63	2.48	3.71	3.85	3.61	3.59	0.97
3.99	3.58	3.16	2.7	2.18	1.61	1.03	0.56	0.22	0	1.85	2.42	3.72	3.81	3.61	3.58	0.97
4	3.58	3.16	2.7	2.18	1.6	1.03	0.55	0.22	0	2.07	2.07	3.73	3.78	3.63	3.57	0.96
4	3.59	3.17	2.7	2.18	1.6	1.03	0.55	0.22	0	1.5	2.35	3.73	3.75	3.62	3.61	0.96
4.01	3.6	3.17	2.71	2.18	1.6	1.02	0.55	0.21	0	1.85	2.3	3.73	3.73	3.64	3.62	0.97
4.02	3.61	3.18	2.71	2.19	1.6	1.02	0.55	0.21	0	1.71	2.03	3.73	3.77	3.63	3.6	0.97
4.03	3.62	3.19	2.72	2.19	1.6	1.02	0.54	0.21	0	1.55	1.23	3.74	3.8	3.63	3.57	0.97
4.04	3.62	3.19	2.72	2.19	1.6	1.02	0.54	0.2	0	1.7	2.05	3.74	3.85	3.65	3.61	0.97
4.05	3.63	3.2	2.73	2.19	1.6	1.01	0.54	0.2	0	1.37	2.48	3.74	3.83	3.61	3.59	0.97
4.06	3.64	3.2	2.73	2.19	1.59	1.01	0.53	0.2	0	2.15	2.3	3.73	3.82	3.65	3.59	0.98
4.06	3.64	3.21	2.73	2.19	1.59	1	0.53	0.2	0	1.83	2.36	3.73	3.76	3.61	3.61	0.98
4.07	3.65	3.21	2.74	2.19	1.59	1	0.52	0.19	0	1.38	2.39	3.74	3.74	3.62	3.59	0.98
4.08	3.66	3.22	2.74	2.19	1.58	0.99	0.52	0.19	0	1.73	2.46	3.73	3.73	3.61	3.6	0.98
4.09	3.67	3.23	2.74	2.18	1.57	0.98	0.51	0.19	0	2.21	2.34	3.73	3.75	3.63	3.6	0.99
4.1	3.68	3.23	2.74	2.18	1.57	0.98	0.51	0.19	0	2.09	2.1	3.74	3.75	3.63	3.57	0.99
4.12	3.69	3.24	2.75	2.18	1.56	0.97	0.5	0.18	0	2.15	2.08	3.74	3.83	3.62	3.56	0.99
4.13	3.7	3.25	2.75	2.18	1.56	0.96	0.5	0.18	0	1.82	2.09	3.75	3.94	3.62	3.56	1
4.15	3.72	3.26	2.75	2.18	1.55	0.96	0.49	0.18	0	1.67	2.25	3.76	3.97	3.61	3.6	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.16	3.73	3.27	2.75	2.17	1.55	0.95	0.49	0.18	0	1.49	2.29	3.76	3.99	3.64	3.6	1
4.18	3.74	3.27	2.76	2.17	1.54	0.95	0.49	0.18	0	1.68	1.99	3.76	3.94	3.62	3.59	1
4.19	3.75	3.28	2.76	2.17	1.54	0.94	0.49	0.18	0	2.08	1.99	3.75	3.88	3.63	3.58	1
4.19	3.75	3.28	2.76	2.17	1.53	0.94	0.49	0.18	0	2.01	2.33	3.74	3.92	3.63	3.57	1
4.19	3.75	3.28	2.76	2.17	1.53	0.94	0.48	0.18	0	1.84	2.36	3.75	4.01	3.64	3.57	1
4.18	3.74	3.28	2.76	2.16	1.52	0.93	0.48	0.17	0	1.88	2.49	3.75	4.03	3.62	3.58	0.99
4.17	3.74	3.27	2.75	2.16	1.52	0.93	0.48	0.17	0	1.88	2.36	3.74	4.1	3.63	3.61	0.99
4.16	3.72	3.26	2.74	2.15	1.51	0.93	0.48	0.17	0	2.01	2.4	3.73	4.09	3.65	3.61	0.99
4.15	3.71	3.25	2.73	2.14	1.5	0.92	0.47	0.17	0	1.51	2.33	3.73	4	3.64	3.6	0.98
4.13	3.7	3.24	2.72	2.13	1.5	0.92	0.47	0.17	0	2.24	2.29	3.73	3.91	3.61	3.59	0.98
4.12	3.69	3.23	2.71	2.12	1.49	0.91	0.47	0.17	0	2.3	2.12	3.73	3.79	3.61	3.57	0.98
4.11	3.68	3.22	2.7	2.11	1.48	0.9	0.46	0.17	0	2.25	2.25	3.72	3.74	3.62	3.53	0.97
4.1	3.67	3.21	2.69	2.1	1.47	0.89	0.46	0.17	0	1.77	2.48	3.71	3.76	3.62	3.57	0.97
4.1	3.66	3.2	2.68	2.08	1.46	0.89	0.45	0.16	0	2.11	2.46	3.73	3.85	3.6	3.56	0.97
4.09	3.66	3.19	2.67	2.07	1.45	0.88	0.45	0.16	0	1.98	2.26	3.74	3.96	3.6	3.58	0.97
4.08	3.65	3.18	2.66	2.07	1.44	0.88	0.45	0.16	0	2.12	2.56	3.74	4.01	3.61	3.58	0.97
4.08	3.64	3.18	2.65	2.06	1.43	0.87	0.44	0.16	0	2	2.41	3.75	3.98	3.62	3.57	0.97
4.07	3.63	3.17	2.64	2.05	1.43	0.87	0.44	0.16	0	1.6	2.1	3.75	3.92	3.6	3.55	0.97
4.05	3.62	3.16	2.64	2.04	1.42	0.86	0.44	0.16	0	1.87	2.1	3.72	3.87	3.6	3.54	0.97
4.04	3.61	3.15	2.63	2.03	1.41	0.86	0.44	0.16	0	1.75	2.34	3.72	3.88	3.6	3.56	0.97
4.02	3.6	3.14	2.62	2.02	1.41	0.85	0.43	0.16	0	1.92	2.37	3.73	3.89	3.61	3.59	0.97
4	3.58	3.12	2.61	2.02	1.4	0.85	0.43	0.16	0	1.94	2.18	3.74	3.92	3.59	3.59	0.97
3.98	3.56	3.11	2.6	2.01	1.4	0.85	0.43	0.16	0	1.97	2.22	3.74	3.91	3.61	3.59	0.97
3.96	3.54	3.1	2.59	2.01	1.4	0.85	0.43	0.16	0	1.82	2.03	3.74	3.87	3.61	3.57	0.97
3.94	3.53	3.09	2.58	2.01	1.4	0.85	0.43	0.16	0	2.3	2.36	3.73	3.77	3.6	3.57	0.97
3.93	3.52	3.08	2.58	2.01	1.4	0.85	0.44	0.16	0	2.23	2.45	3.74	3.73	3.61	3.61	0.97
3.92	3.51	3.07	2.58	2.01	1.41	0.85	0.44	0.17	0	1.71	2.35	3.74	3.76	3.63	3.62	0.97
3.91	3.5	3.07	2.57	2.01	1.4	0.85	0.44	0.17	0	2.26	2.15	3.73	3.8	3.61	3.66	0.96
3.91	3.5	3.06	2.57	2.01	1.4	0.85	0.44	0.17	0	2.38	2.2	3.71	3.81	3.62	3.68	0.96
3.9	3.49	3.06	2.56	2	1.4	0.85	0.44	0.16	0	2.09	2.25	3.72	3.79	3.64	3.64	0.96
3.9	3.49	3.05	2.56	1.99	1.39	0.84	0.43	0.16	0	1.74	2.12	3.74	3.76	3.66	3.64	0.96
3.89	3.48	3.04	2.55	1.99	1.38	0.84	0.43	0.16	0	1.61	1.87	3.75	3.87	3.66	3.61	0.96
3.88	3.47	3.04	2.54	1.98	1.38	0.84	0.43	0.16	0	2.21	2.33	3.75	3.95	3.64	3.57	0.96
3.87	3.47	3.03	2.54	1.97	1.38	0.83	0.43	0.16	0	2.2	2.39	3.75	3.96	3.64	3.54	0.96
3.86	3.46	3.02	2.53	1.97	1.37	0.83	0.43	0.16	0	1.95	2.03	3.74	3.89	3.6	3.54	0.96
3.85	3.45	3.01	2.52	1.96	1.36	0.83	0.43	0.16	0	2.13	2.18	3.73	3.75	3.59	3.56	0.96
3.84	3.44	3	2.51	1.95	1.36	0.82	0.42	0.15	0	2.39	2.28	3.71	3.72	3.61	3.58	0.96
3.84	3.44	3	2.5	1.94	1.35	0.81	0.42	0.15	0	2.34	1.16	3.71	3.74	3.58	3.57	0.96
3.84	3.43	2.99	2.49	1.93	1.33	0.8	0.41	0.15	0	2.11	1.69	3.71	3.72	3.58	3.53	0.96
3.84	3.43	2.98	2.48	1.92	1.32	0.8	0.41	0.15	0	2.05	1.93	3.72	3.76	3.6	3.55	0.97
3.85	3.44	2.98	2.47	1.9	1.31	0.79	0.4	0.14	0	1.97	2.39	3.74	3.89	3.62	3.53	0.97
3.86	3.44	2.98	2.47	1.89	1.3	0.78	0.4	0.14	0	2.01	2.43	3.74	3.98	3.63	3.57	0.97
3.86	3.43	2.97	2.46	1.88	1.29	0.77	0.4	0.14	0	2.41	2.51	3.76	4.09	3.64	3.59	0.98
3.85	3.43	2.96	2.44	1.87	1.28	0.77	0.39	0.14	0	2.44	2.71	3.76	4.1	3.63	3.61	0.98
3.84	3.42	2.95	2.43	1.85	1.27	0.76	0.39	0.14	0	2.29	2.57	3.75	4.07	3.61	3.6	0.98
3.82	3.4	2.94	2.42	1.84	1.26	0.76	0.38	0.14	0	1.72	2.52	3.74	4	3.6	3.58	0.98
3.8	3.38	2.92	2.4	1.83	1.25	0.75	0.38	0.14	0	2.1	2.27	3.74	3.89	3.61	3.57	0.98
3.77	3.36	2.9	2.38	1.82	1.24	0.74	0.38	0.14	0	2.34	2.24	3.73	3.72	3.62	3.56	0.98
3.75	3.34	2.89	2.37	1.81	1.24	0.74	0.38	0.14	0	2.34	2.3	3.73	3.7	3.59	3.57	0.98
3.73	3.33	2.87	2.36	1.8	1.23	0.74	0.38	0.14	0	1.92	2.35	3.73	3.77	3.6	3.56	0.98
3.72	3.32	2.86	2.35	1.8	1.23	0.75	0.39	0.14	0	1.61	2.28	3.74	3.86	3.61	3.57	0.98
3.71	3.31	2.86	2.35	1.8	1.24	0.75	0.39	0.15	0	1.84	2.4	3.74	3.98	3.61	3.56	0.98
3.7	3.3	2.86	2.35	1.8	1.24	0.75	0.39	0.15	0	2.29	2.47	3.74	4.03	3.63	3.62	0.98
3.7	3.3	2.85	2.35	1.8	1.24	0.76	0.4	0.15	0	2.34	2.34	3.75	4.06	3.63	3.64	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.7	3.3	2.86	2.35	1.8	1.25	0.76	0.4	0.15	0	1.37	2.41	3.74	4	3.6	3.62	0.98
3.71	3.31	2.86	2.35	1.8	1.25	0.76	0.4	0.15	0	2.11	2.41	3.74	3.9	3.62	3.61	0.98
3.72	3.32	2.87	2.36	1.81	1.25	0.76	0.4	0.15	0	2.37	2.42	3.73	3.84	3.6	3.58	0.98
3.74	3.33	2.88	2.36	1.81	1.25	0.76	0.4	0.15	0	2.09	2.21	3.72	3.83	3.58	3.56	0.98
3.76	3.35	2.89	2.37	1.81	1.26	0.77	0.4	0.15	0	1.67	2.05	3.74	3.94	3.62	3.56	0.98
3.78	3.37	2.9	2.39	1.82	1.26	0.77	0.4	0.15	0	1.98	2.18	3.75	4.04	3.63	3.57	0.98
3.81	3.39	2.92	2.4	1.83	1.27	0.77	0.4	0.15	0	2.16	2.35	3.75	4.1	3.62	3.58	0.98
3.84	3.41	2.94	2.41	1.84	1.28	0.78	0.4	0.15	0	1.97	2.28	3.74	4.08	3.62	3.58	0.98
3.87	3.44	2.96	2.43	1.86	1.28	0.78	0.4	0.15	0	1.96	2.26	3.75	4.07	3.6	3.6	0.98
3.9	3.46	2.98	2.45	1.87	1.29	0.78	0.4	0.15	0	1.48	2.31	3.75	4.08	3.61	3.58	0.98
3.93	3.49	3.01	2.47	1.89	1.3	0.79	0.41	0.15	0	1.59	2.52	3.74	4.02	3.61	3.57	0.98
3.96	3.52	3.03	2.49	1.9	1.31	0.79	0.41	0.15	0	2.06	2.32	3.73	3.96	3.6	3.59	0.98
3.99	3.55	3.06	2.51	1.92	1.32	0.79	0.41	0.15	0	1.83	1.97	3.74	3.96	3.61	3.58	0.98
4.03	3.58	3.09	2.54	1.94	1.33	0.8	0.41	0.15	0	2.2	2.36	3.73	3.93	3.62	3.57	0.97
4.07	3.61	3.12	2.56	1.96	1.34	0.8	0.41	0.15	0	1.94	2.36	3.72	3.99	3.64	3.57	0.97
4.1	3.64	3.15	2.59	1.97	1.35	0.81	0.41	0.15	0	2.1	2.35	3.73	4.01	3.64	3.58	0.97
4.14	3.68	3.18	2.61	1.99	1.36	0.81	0.41	0.15	0	1.71	2.44	3.74	4.02	3.62	3.58	0.97
4.18	3.71	3.21	2.64	2.01	1.37	0.82	0.41	0.15	0	1.31	2.34	3.72	4.02	3.65	3.58	0.98
4.22	3.75	3.24	2.66	2.03	1.38	0.82	0.42	0.15	0	1.39	2.2	3.74	3.96	3.65	3.57	0.98
4.25	3.78	3.27	2.69	2.05	1.4	0.83	0.42	0.15	0	1.67	1.93	3.74	4.02	3.65	3.56	0.98
4.28	3.81	3.29	2.71	2.06	1.41	0.83	0.42	0.15	0	2.05	2.09	3.73	3.98	3.63	3.58	0.98
4.31	3.83	3.32	2.73	2.08	1.41	0.84	0.42	0.15	0	2.1	2.34	3.74	3.97	3.63	3.59	0.98
4.33	3.86	3.34	2.75	2.09	1.42	0.84	0.42	0.15	0	1.89	2.46	3.74	3.99	3.64	3.58	0.99
4.35	3.87	3.35	2.76	2.11	1.43	0.85	0.42	0.15	0	1.79	2.1	3.75	4.03	3.62	3.57	0.99
4.36	3.89	3.37	2.78	2.12	1.44	0.85	0.43	0.15	0	1.68	2.05	3.76	4.08	3.64	3.59	0.99
4.37	3.9	3.37	2.79	2.13	1.45	0.86	0.43	0.16	0	1.81	2.01	3.74	4.07	3.64	3.58	0.99
4.37	3.9	3.38	2.79	2.14	1.46	0.86	0.43	0.16	0	1.6	1.95	3.74	4.09	3.63	3.59	0.99
4.37	3.9	3.38	2.8	2.15	1.46	0.87	0.43	0.16	0	1.63	2.21	3.73	4.11	3.62	3.61	0.99
4.36	3.9	3.38	2.8	2.15	1.46	0.87	0.43	0.16	0	2.01	2.27	3.74	4.04	3.61	3.63	0.99
4.36	3.89	3.38	2.8	2.15	1.46	0.87	0.43	0.16	0	1.76	2.53	3.72	4	3.61	3.63	0.99
4.35	3.88	3.38	2.8	2.15	1.46	0.87	0.43	0.16	0	1.88	2.43	3.71	3.91	3.6	3.6	0.99
4.34	3.88	3.38	2.8	2.14	1.46	0.86	0.43	0.15	0	2.3	2.28	3.71	3.86	3.59	3.56	0.99
4.34	3.88	3.37	2.79	2.13	1.45	0.86	0.43	0.15	0	2.34	2.23	3.72	3.82	3.59	3.57	0.99
4.34	3.87	3.37	2.78	2.12	1.44	0.85	0.42	0.15	0	2.24	2.34	3.73	3.88	3.59	3.57	0.99
4.33	3.87	3.36	2.78	2.12	1.44	0.85	0.42	0.15	0	1.71	2.22	3.74	3.98	3.59	3.57	0.99
4.33	3.86	3.35	2.77	2.11	1.43	0.85	0.42	0.15	0	2.14	2	3.74	4.09	3.59	3.57	0.99
4.32	3.86	3.35	2.76	2.1	1.42	0.84	0.42	0.15	0	2.43	2.4	3.75	4.09	3.61	3.62	0.99
4.32	3.85	3.34	2.75	2.1	1.42	0.84	0.41	0.15	0	2.46	2.52	3.76	4.08	3.61	3.64	0.99
4.3	3.84	3.33	2.75	2.09	1.42	0.84	0.41	0.15	0	2.12	2.28	3.75	4.03	3.6	3.63	0.99
4.29	3.83	3.32	2.74	2.09	1.42	0.83	0.41	0.15	0	1.99	1.98	3.75	3.96	3.61	3.61	0.99
4.28	3.82	3.31	2.74	2.09	1.41	0.83	0.41	0.15	0	2.27	2.24	3.72	3.85	3.62	3.61	0.99
4.28	3.81	3.31	2.73	2.08	1.41	0.83	0.41	0.15	0	2.35	1.99	3.71	3.78	3.58	3.59	0.99
4.27	3.81	3.3	2.72	2.07	1.4	0.83	0.41	0.15	0	2.19	2.07	3.73	3.84	3.6	3.6	0.99
4.27	3.81	3.3	2.72	2.07	1.4	0.82	0.41	0.15	0	1.64	2.15	3.73	3.89	3.62	3.59	0.99
4.28	3.81	3.3	2.71	2.06	1.39	0.82	0.41	0.15	0	2.26	2.15	3.73	3.91	3.62	3.57	0.99
4.28	3.82	3.3	2.71	2.05	1.39	0.82	0.41	0.15	0	2.25	2.46	3.75	3.91	3.63	3.55	0.99
4.28	3.82	3.3	2.71	2.05	1.39	0.82	0.41	0.15	0	2.15	2.39	3.73	3.85	3.6	3.59	0.99
4.29	3.82	3.3	2.7	2.05	1.39	0.82	0.41	0.15	0	2.16	2.17	3.73	3.79	3.59	3.58	0.99
4.29	3.83	3.3	2.7	2.04	1.39	0.82	0.41	0.15	0	1.8	2.21	3.72	3.75	3.6	3.56	0.99
4.3	3.83	3.31	2.7	2.04	1.39	0.82	0.41	0.15	0	1.83	1.87	3.74	3.73	3.61	3.55	0.99
4.3	3.83	3.31	2.71	2.04	1.39	0.82	0.41	0.15	0	1.91	1.99	3.73	3.73	3.6	3.56	0.99
4.31	3.84	3.31	2.71	2.04	1.38	0.82	0.41	0.15	0	2.12	2.19	3.73	3.77	3.58	3.55	0.99
4.31	3.84	3.31	2.71	2.04	1.38	0.82	0.41	0.15	0	1.93	2.13	3.73	3.84	3.6	3.56	0.99
4.32	3.84	3.31	2.71	2.04	1.38	0.81	0.41	0.15	0	2.03	2.55	3.72	3.95	3.63	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.32	3.84	3.31	2.71	2.04	1.38	0.81	0.41	0.15	0	1.58	2.42	3.75	3.96	3.62	3.6	0.99
4.31	3.84	3.31	2.71	2.04	1.38	0.81	0.4	0.15	0	2.1	2.15	3.75	3.98	3.62	3.58	0.99
4.31	3.84	3.31	2.71	2.04	1.38	0.81	0.4	0.15	0	2.26	2.41	3.74	4	3.63	3.59	0.99
4.3	3.83	3.31	2.71	2.04	1.38	0.81	0.4	0.15	0	2.26	2.34	3.74	3.97	3.61	3.58	0.99
4.29	3.83	3.31	2.71	2.04	1.38	0.81	0.4	0.15	0	1.62	2.14	3.73	3.86	3.62	3.57	0.98
4.29	3.83	3.31	2.71	2.05	1.38	0.81	0.4	0.15	0	2.05	2.21	3.71	3.72	3.61	3.54	0.98
4.29	3.82	3.31	2.71	2.05	1.38	0.81	0.4	0.15	0	2.2	2.27	3.69	3.75	3.59	3.53	0.98
4.29	3.83	3.31	2.71	2.05	1.38	0.81	0.4	0.15	0	2.41	2.15	3.7	3.72	3.58	3.54	0.98
4.3	3.83	3.32	2.72	2.05	1.38	0.81	0.4	0.15	0	2.38	2.11	3.72	3.91	3.59	3.58	0.98
4.31	3.84	3.32	2.72	2.05	1.38	0.81	0.4	0.14	0	2.06	2.52	3.75	4.07	3.61	3.62	0.98
4.32	3.85	3.32	2.72	2.05	1.38	0.81	0.4	0.14	0	2.62	2.43	3.78	4.14	3.63	3.67	0.98
4.34	3.86	3.33	2.72	2.05	1.38	0.81	0.4	0.14	0	2.5	2.51	3.77	4.15	3.65	3.68	0.98
4.34	3.86	3.33	2.72	2.05	1.38	0.81	0.4	0.14	0	1.84	2.4	3.75	4.07	3.61	3.63	0.98
4.35	3.87	3.34	2.73	2.05	1.38	0.8	0.39	0.14	0	2.13	1.87	3.74	3.94	3.63	3.57	0.98
4.36	3.88	3.34	2.73	2.05	1.38	0.8	0.39	0.14	0	2.16	2.15	3.72	3.74	3.61	3.56	0.98
4.37	3.89	3.35	2.73	2.05	1.38	0.8	0.39	0.14	0	2.02	2.08	3.72	3.74	3.61	3.58	0.98
4.38	3.9	3.35	2.74	2.05	1.38	0.79	0.38	0.13	0	2.01	2.29	3.72	3.73	3.6	3.6	0.98
4.4	3.91	3.36	2.74	2.05	1.38	0.79	0.38	0.13	0	1.82	2.46	3.72	3.76	3.61	3.58	0.98
4.41	3.92	3.37	2.75	2.06	1.38	0.79	0.38	0.13	0	1.75	2.41	3.74	3.9	3.6	3.58	0.98
4.42	3.93	3.38	2.75	2.06	1.38	0.78	0.37	0.13	0	1.84	2.05	3.75	4	3.6	3.58	0.98
4.42	3.93	3.38	2.76	2.07	1.38	0.78	0.37	0.13	0	2.09	2.17	3.75	4.04	3.63	3.59	0.98
4.43	3.94	3.39	2.77	2.07	1.38	0.79	0.37	0.13	0	2.1	2.32	3.76	4.02	3.64	3.59	0.98
4.43	3.94	3.4	2.78	2.08	1.39	0.79	0.37	0.13	0	2.01	2.29	3.73	3.91	3.63	3.59	0.98
4.43	3.94	3.4	2.79	2.09	1.39	0.79	0.37	0.13	0	1.87	2.29	3.73	3.75	3.61	3.58	0.98
4.43	3.95	3.41	2.8	2.1	1.4	0.79	0.37	0.12	0	1.65	2.49	3.71	3.77	3.61	3.57	0.98
4.43	3.95	3.42	2.81	2.11	1.4	0.79	0.37	0.12	0	2.19	2.34	3.71	3.8	3.58	3.59	0.98
4.44	3.96	3.43	2.82	2.12	1.4	0.78	0.36	0.12	0	2.33	2.06	3.73	3.75	3.59	3.6	0.98
4.45	3.97	3.44	2.83	2.12	1.4	0.78	0.36	0.12	0	2.11	2.08	3.74	3.88	3.62	3.55	0.98
4.46	3.97	3.44	2.83	2.12	1.4	0.77	0.35	0.12	0	2.01	2.23	3.75	3.99	3.63	3.56	0.98
4.46	3.98	3.44	2.83	2.12	1.39	0.77	0.35	0.12	0	2.21	2.4	3.76	4.07	3.63	3.58	0.98
4.46	3.98	3.45	2.83	2.12	1.39	0.76	0.34	0.12	0	1.88	2.49	3.75	4.05	3.62	3.59	0.98
4.46	3.98	3.44	2.83	2.12	1.39	0.76	0.34	0.11	0	2.03	2.48	3.73	4.01	3.62	3.6	0.98
4.46	3.97	3.44	2.83	2.11	1.38	0.75	0.34	0.11	0	2.1	2.4	3.74	3.99	3.6	3.58	0.98
4.45	3.97	3.44	2.82	2.11	1.38	0.75	0.33	0.11	0	2.11	2.34	3.73	4	3.62	3.59	0.98
4.45	3.96	3.43	2.82	2.1	1.37	0.75	0.33	0.11	0	1.92	2.41	3.74	4.05	3.6	3.63	0.98
4.44	3.95	3.42	2.81	2.09	1.36	0.74	0.32	0.11	0	2.08	2.6	3.77	4.06	3.63	3.63	0.98
4.44	3.95	3.41	2.8	2.08	1.35	0.73	0.32	0.11	0	2.12	2.5	3.76	4.05	3.62	3.63	0.99
4.44	3.94	3.4	2.78	2.07	1.34	0.72	0.31	0.11	0	1.74	2.15	3.75	4.01	3.62	3.62	0.99
4.44	3.94	3.39	2.77	2.06	1.33	0.71	0.31	0.11	0	1.73	2.23	3.75	3.97	3.64	3.59	0.99
4.44	3.93	3.38	2.76	2.04	1.31	0.7	0.3	0.1	0	1.87	2.1	3.75	3.89	3.63	3.58	0.99
4.43	3.93	3.37	2.74	2.02	1.3	0.69	0.3	0.1	0	1.97	2.29	3.75	3.84	3.61	3.56	0.99
4.42	3.92	3.36	2.72	2	1.28	0.68	0.29	0.1	0	1.87	2.28	3.75	3.85	3.6	3.57	1
4.41	3.9	3.34	2.7	1.98	1.27	0.67	0.29	0.1	0	1.96	2.3	3.75	3.94	3.61	3.57	1
4.4	3.89	3.32	2.68	1.96	1.25	0.66	0.28	0.09	0	1.63	2.46	3.75	4.05	3.63	3.62	1
4.38	3.86	3.3	2.66	1.94	1.23	0.64	0.27	0.09	0	2.26	2.41	3.75	4.1	3.64	3.64	1
4.35	3.84	3.27	2.63	1.92	1.21	0.63	0.26	0.09	0	2.34	2.19	3.75	4.03	3.63	3.64	1
4.33	3.81	3.25	2.6	1.89	1.19	0.61	0.26	0.08	0	1.56	2.21	3.75	3.99	3.62	3.61	1
4.3	3.79	3.22	2.58	1.87	1.17	0.6	0.25	0.08	0	2.11	2.32	3.75	3.96	3.61	3.6	0.99
4.28	3.77	3.2	2.55	1.84	1.15	0.59	0.24	0.08	0	2.18	2.42	3.76	3.91	3.62	3.57	0.99
4.26	3.74	3.18	2.53	1.82	1.13	0.57	0.23	0.08	0	2.11	2.27	3.76	3.87	3.63	3.56	0.99
4.24	3.73	3.15	2.5	1.79	1.11	0.56	0.23	0.07	0	1.88	2.27	3.74	3.88	3.6	3.57	0.99
4.22	3.71	3.13	2.48	1.77	1.1	0.55	0.22	0.07	0	1.87	2.31	3.75	3.91	3.62	3.57	0.98
4.21	3.69	3.11	2.46	1.75	1.08	0.54	0.22	0.07	0	2.15	2.09	3.76	3.91	3.62	3.58	0.98
4.19	3.67	3.09	2.44	1.74	1.07	0.53	0.21	0.07	0	1.92	1.92	3.76	3.9	3.62	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.18	3.65	3.08	2.42	1.72	1.05	0.53	0.21	0.07	0	1.75	2.23	3.75	3.82	3.6	3.55	0.98
4.17	3.64	3.06	2.41	1.7	1.04	0.52	0.2	0.07	0	2.14	2.44	3.75	3.75	3.62	3.55	0.97
4.16	3.63	3.05	2.39	1.69	1.03	0.51	0.2	0.07	0	2.28	2.31	3.73	3.77	3.62	3.57	0.97
4.16	3.63	3.04	2.38	1.67	1.01	0.5	0.2	0.06	0	2.05	2.28	3.72	3.76	3.61	3.57	0.97
4.16	3.62	3.03	2.36	1.66	1	0.49	0.19	0.06	0	1.64	1.96	3.73	3.72	3.61	3.6	0.97
4.17	3.62	3.02	2.35	1.64	0.98	0.48	0.19	0.06	0	1.76	1.95	3.74	3.76	3.62	3.6	0.97
4.17	3.62	3.01	2.34	1.62	0.97	0.47	0.18	0.06	0	1.88	2.2	3.74	3.78	3.63	3.6	0.97
4.18	3.62	3.01	2.33	1.61	0.95	0.46	0.18	0.06	0	1.81	2.44	3.74	3.8	3.62	3.59	0.97
4.18	3.62	3	2.31	1.59	0.94	0.45	0.17	0.05	0	1.89	2.38	3.75	3.76	3.63	3.59	0.97
4.18	3.62	2.99	2.3	1.57	0.92	0.44	0.17	0.05	0	1.7	2.53	3.75	3.76	3.62	3.59	0.97
4.18	3.62	2.98	2.28	1.55	0.9	0.43	0.16	0.05	0	1.98	2.46	3.77	3.8	3.63	3.58	0.97
4.18	3.61	2.97	2.27	1.54	0.89	0.42	0.16	0.05	0	1.64	2.17	3.77	3.82	3.64	3.59	0.97
4.18	3.6	2.96	2.25	1.52	0.88	0.41	0.15	0.05	0	1.87	1.88	3.76	3.82	3.63	3.62	0.97
4.18	3.6	2.95	2.23	1.5	0.86	0.4	0.15	0.04	0	2.06	1.98	3.75	3.76	3.6	3.61	0.97
4.18	3.6	2.94	2.22	1.49	0.85	0.39	0.14	0.04	0	1.57	2.06	3.73	3.72	3.63	3.59	0.97
4.19	3.59	2.93	2.2	1.47	0.83	0.38	0.14	0.04	0	1.62	2.41	3.74	3.74	3.63	3.62	0.97
4.19	3.59	2.92	2.19	1.46	0.82	0.38	0.14	0.04	0	2.01	2.41	3.74	3.73	3.64	3.6	0.97
4.2	3.59	2.91	2.17	1.44	0.81	0.37	0.13	0.04	0	2.34	2.35	3.74	3.75	3.65	3.62	0.97
4.2	3.59	2.91	2.16	1.42	0.79	0.36	0.13	0.04	0	2.19	2.34	3.75	3.82	3.62	3.62	0.97
4.2	3.59	2.9	2.14	1.41	0.78	0.35	0.12	0.03	0	1.81	1.89	3.74	3.83	3.64	3.6	0.98
4.2	3.58	2.89	2.13	1.39	0.77	0.34	0.12	0.03	0	2.21	2.11	3.74	3.85	3.62	3.58	0.98
4.2	3.57	2.87	2.12	1.38	0.75	0.34	0.12	0.03	0	2.31	2.1	3.73	3.9	3.6	3.58	0.98
4.19	3.57	2.86	2.1	1.36	0.74	0.33	0.11	0.03	0	2.3	2.33	3.74	3.95	3.61	3.61	0.98
4.19	3.56	2.86	2.09	1.35	0.73	0.32	0.11	0.03	0	2.01	2.46	3.75	4.05	3.62	3.64	0.98
4.18	3.55	2.85	2.08	1.34	0.72	0.32	0.11	0.03	0	1.78	2.32	3.75	4.16	3.61	3.65	0.98
4.18	3.55	2.84	2.08	1.33	0.71	0.31	0.1	0.02	0	2.54	2.08	3.75	4.16	3.63	3.69	0.98
4.18	3.55	2.84	2.07	1.32	0.71	0.3	0.1	0.02	0	2.62	2.51	3.74	4.22	3.64	3.69	0.98
4.18	3.55	2.84	2.06	1.31	0.7	0.3	0.1	0.02	0	2.52	2.33	3.75	4.22	3.61	3.7	0.98
4.18	3.55	2.83	2.06	1.31	0.69	0.29	0.09	0.02	0	1.78	2.35	3.75	4.17	3.63	3.67	0.98
4.19	3.56	2.84	2.06	1.3	0.69	0.29	0.09	0.02	0	2.3	2.4	3.74	4.05	3.62	3.63	0.98
4.19	3.56	2.84	2.05	1.29	0.68	0.29	0.09	0.02	0	2.36	2.07	3.74	4.03	3.61	3.61	0.98
4.2	3.56	2.84	2.05	1.29	0.68	0.28	0.09	0.02	0	1.88	2.29	3.74	3.99	3.61	3.57	0.98
4.2	3.56	2.84	2.05	1.29	0.68	0.28	0.09	0.02	0	1.93	2.47	3.74	4.01	3.61	3.56	0.98
4.21	3.57	2.84	2.05	1.28	0.67	0.28	0.08	0.02	0	2.01	2.47	3.75	4.04	3.62	3.6	0.98
4.22	3.57	2.84	2.05	1.28	0.67	0.27	0.08	0.02	0	2.14	2.35	3.77	4	3.61	3.64	0.98
4.23	3.58	2.84	2.04	1.28	0.67	0.27	0.08	0.02	0	1.72	2.49	3.75	3.94	3.62	3.6	0.98
4.25	3.59	2.85	2.05	1.28	0.67	0.27	0.08	0.01	0	1.71	2.51	3.75	3.82	3.61	3.57	0.98
4.26	3.6	2.86	2.05	1.28	0.67	0.27	0.08	0.01	0	2.08	2.47	3.73	3.76	3.61	3.55	0.98
4.29	3.62	2.86	2.05	1.28	0.66	0.27	0.08	0.01	0	2.01	2.53	3.73	3.82	3.59	3.56	0.98
4.31	3.63	2.87	2.05	1.28	0.67	0.27	0.08	0.01	0	2.01	2.5	3.73	3.95	3.61	3.56	0.98
4.33	3.65	2.88	2.06	1.28	0.67	0.27	0.09	0.01	0	1.93	2.56	3.74	4.05	3.62	3.61	0.98
4.35	3.67	2.89	2.06	1.28	0.67	0.28	0.09	0.01	0	2.32	2.49	3.75	4.09	3.61	3.66	0.98
4.37	3.68	2.9	2.07	1.29	0.67	0.28	0.09	0.01	0	2.27	2.23	3.76	4.1	3.61	3.63	0.98
4.39	3.69	2.91	2.07	1.29	0.67	0.28	0.09	0.01	0	2.15	2.41	3.76	4.03	3.62	3.6	0.98
4.4	3.7	2.91	2.08	1.3	0.67	0.28	0.09	0.01	0	2.06	2.49	3.73	4.01	3.62	3.59	0.98
4.4	3.7	2.92	2.08	1.3	0.68	0.28	0.09	0.01	0	1.87	2.4	3.74	3.98	3.61	3.59	0.98
4.4	3.7	2.92	2.09	1.31	0.68	0.28	0.09	0.01	0	1.74	2.32	3.74	3.99	3.6	3.57	0.98
4.4	3.7	2.92	2.09	1.32	0.68	0.29	0.09	0.01	0	1.81	2.2	3.74	4	3.61	3.59	0.98
4.39	3.7	2.93	2.1	1.32	0.69	0.29	0.09	0.01	0	2.05	2.24	3.75	4.05	3.62	3.59	0.98
4.39	3.7	2.93	2.1	1.32	0.69	0.29	0.09	0.01	0	1.94	2.36	3.73	4.05	3.63	3.61	0.98
4.39	3.7	2.93	2.11	1.33	0.69	0.29	0.09	0.01	0	1.83	2.48	3.73	3.99	3.61	3.61	0.98
4.38	3.7	2.93	2.11	1.33	0.69	0.29	0.09	0.01	0	2.06	2.23	3.74	3.88	3.61	3.57	0.98
4.38	3.7	2.93	2.11	1.33	0.69	0.29	0.09	0.01	0	1.79	2.22	3.72	3.83	3.62	3.57	0.98
4.38	3.7	2.93	2.11	1.33	0.69	0.29	0.09	0.01	0	1.7	2.14	3.73	3.87	3.63	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.38	3.7	2.93	2.12	1.33	0.69	0.29	0.09	0.01	0	1.95	1.79	3.74	3.95	3.65	3.58	0.98
4.38	3.7	2.94	2.12	1.33	0.7	0.29	0.09	0.02	0	1.73	2.37	3.75	3.98	3.64	3.57	0.99
4.38	3.7	2.94	2.12	1.34	0.7	0.29	0.09	0.02	0	1.59	2.45	3.75	3.99	3.63	3.58	0.99
4.38	3.7	2.94	2.13	1.34	0.71	0.29	0.09	0.02	0	1.71	2.25	3.76	3.95	3.62	3.61	0.99
4.38	3.7	2.95	2.14	1.35	0.71	0.3	0.1	0.02	0	1.89	1.72	3.76	3.94	3.64	3.57	1
4.38	3.71	2.95	2.14	1.36	0.72	0.3	0.1	0.02	0	1.82	2.27	3.75	3.87	3.64	3.57	1
4.38	3.71	2.96	2.15	1.37	0.73	0.3	0.1	0.02	0	1.42	2.42	3.74	3.83	3.62	3.6	1
4.38	3.71	2.97	2.16	1.38	0.73	0.31	0.1	0.02	0	1.98	2.42	3.74	3.78	3.63	3.62	1
4.38	3.72	2.97	2.17	1.38	0.74	0.31	0.1	0.02	0	1.9	1.98	3.74	3.79	3.63	3.59	1
4.38	3.72	2.98	2.17	1.39	0.74	0.31	0.11	0.02	0	1.6	1.88	3.76	3.87	3.65	3.58	1
4.38	3.72	2.99	2.18	1.39	0.75	0.32	0.11	0.02	0	1.68	2.26	3.76	3.95	3.65	3.6	1.01
4.38	3.73	2.99	2.19	1.4	0.75	0.32	0.11	0.02	0	1.66	2.31	3.76	3.95	3.63	3.6	1.01
4.38	3.73	3	2.2	1.41	0.75	0.32	0.11	0.02	0	1.57	2.34	3.74	3.88	3.64	3.57	1.01
4.38	3.73	3.01	2.21	1.41	0.76	0.32	0.11	0.02	0	2	2.34	3.73	3.78	3.63	3.57	1.01
4.37	3.73	3.01	2.22	1.42	0.76	0.32	0.11	0.02	0	2.02	2.27	3.74	3.75	3.61	3.58	1.01
4.37	3.74	3.02	2.23	1.43	0.76	0.32	0.11	0.02	0	2.03	2.25	3.74	3.77	3.64	3.59	1.01
4.37	3.74	3.03	2.23	1.44	0.77	0.32	0.11	0.02	0	2.04	2.06	3.75	3.77	3.65	3.6	1.01
4.37	3.74	3.03	2.24	1.44	0.77	0.33	0.11	0.02	0	1.91	2.28	3.75	3.77	3.62	3.6	1
4.37	3.74	3.03	2.24	1.44	0.77	0.33	0.11	0.02	0	2.12	2.26	3.75	3.83	3.63	3.58	1
4.36	3.74	3.04	2.24	1.45	0.78	0.33	0.11	0.02	0	2.1	2.33	3.75	3.92	3.61	3.58	1
4.35	3.74	3.03	2.25	1.45	0.78	0.33	0.11	0.02	0	1.84	2.39	3.76	4.01	3.64	3.6	0.99
4.34	3.73	3.03	2.25	1.45	0.78	0.33	0.11	0.02	0	1.92	2.12	3.76	4.02	3.63	3.63	0.99
4.33	3.72	3.03	2.24	1.45	0.78	0.33	0.11	0.02	0	1.64	2.51	3.75	3.99	3.61	3.62	0.99
4.31	3.71	3.02	2.24	1.45	0.78	0.33	0.11	0.02	0	2	2.66	3.74	3.92	3.63	3.6	0.98
4.3	3.71	3.02	2.24	1.46	0.78	0.33	0.11	0.02	0	2.11	2.58	3.73	3.8	3.62	3.61	0.98
4.3	3.7	3.02	2.24	1.46	0.78	0.33	0.11	0.02	0	2.07	2.29	3.72	3.73	3.62	3.6	0.98
4.3	3.71	3.02	2.25	1.45	0.78	0.33	0.11	0.02	0	1.88	2.17	3.73	3.71	3.61	3.58	0.97
4.31	3.71	3.02	2.25	1.45	0.78	0.33	0.11	0.02	0	2.13	2.17	3.73	3.73	3.61	3.6	0.97
4.33	3.72	3.03	2.25	1.45	0.78	0.33	0.11	0.02	0	1.82	2.42	3.75	3.83	3.65	3.6	0.97
4.35	3.74	3.03	2.25	1.45	0.77	0.33	0.11	0.02	0	1.96	2.53	3.75	3.91	3.66	3.6	0.97
4.36	3.75	3.04	2.24	1.44	0.77	0.33	0.11	0.02	0	2.4	2.47	3.75	3.94	3.65	3.61	0.97
4.38	3.76	3.04	2.24	1.43	0.76	0.32	0.11	0.02	0	2.26	2.33	3.75	3.91	3.64	3.61	0.97
4.39	3.76	3.04	2.23	1.43	0.76	0.32	0.11	0.02	0	1.88	2.17	3.74	3.83	3.62	3.59	0.97
4.39	3.76	3.04	2.22	1.41	0.75	0.31	0.1	0.02	0	1.94	2.12	3.74	3.9	3.61	3.57	0.97
4.39	3.76	3.03	2.21	1.4	0.74	0.3	0.1	0.02	0	2.02	2.35	3.74	3.94	3.62	3.55	0.97
4.39	3.75	3.02	2.2	1.39	0.73	0.3	0.1	0.02	0	1.68	2.49	3.74	3.96	3.6	3.59	0.97
4.38	3.75	3.01	2.19	1.38	0.72	0.29	0.1	0.02	0	1.84	2.47	3.72	3.96	3.61	3.61	0.97
4.38	3.75	3	2.18	1.37	0.71	0.29	0.09	0.02	0	1.71	2.06	3.74	3.97	3.6	3.59	0.97
4.39	3.75	3	2.17	1.36	0.7	0.28	0.09	0.02	0	1.62	2.34	3.74	3.94	3.6	3.61	0.97
4.39	3.75	3	2.16	1.35	0.69	0.28	0.09	0.02	0	2.07	2.46	3.73	3.92	3.61	3.58	0.97
4.41	3.76	3	2.16	1.34	0.69	0.27	0.09	0.02	0	2.22	2.39	3.73	3.9	3.61	3.58	0.97
4.42	3.77	3	2.15	1.34	0.68	0.27	0.08	0.02	0	1.82	2.25	3.73	3.97	3.6	3.61	0.97
4.44	3.78	3.01	2.15	1.33	0.67	0.27	0.08	0.02	0	1.94	2.44	3.72	4.05	3.6	3.64	0.97
4.46	3.79	3.01	2.15	1.33	0.67	0.26	0.08	0.02	0	2.09	2.33	3.74	4.09	3.6	3.66	0.97
4.49	3.81	3.02	2.15	1.32	0.66	0.26	0.08	0.02	0	2.22	2.18	3.74	4.1	3.62	3.62	0.98
4.5	3.82	3.02	2.15	1.32	0.66	0.26	0.08	0.02	0	1.35	2.47	3.75	4.06	3.61	3.62	0.98
4.52	3.83	3.02	2.15	1.31	0.65	0.25	0.07	0.01	0	1.95	2.46	3.75	3.98	3.63	3.62	0.98
4.53	3.83	3.03	2.15	1.31	0.65	0.25	0.07	0.01	0	1.97	2.46	3.73	3.95	3.61	3.58	0.99
4.54	3.84	3.03	2.15	1.31	0.64	0.25	0.07	0.01	0	1.81	2.32	3.74	3.93	3.61	3.57	0.99
4.54	3.84	3.03	2.15	1.31	0.64	0.24	0.07	0.01	0	1.66	2.27	3.75	3.92	3.62	3.58	0.99
4.54	3.84	3.03	2.15	1.3	0.64	0.24	0.07	0.01	0	1.69	2.09	3.74	3.96	3.63	3.57	0.99
4.54	3.84	3.03	2.15	1.3	0.64	0.24	0.07	0.01	0	1.84	2.14	3.74	3.98	3.62	3.56	0.99
4.53	3.83	3.02	2.15	1.31	0.64	0.24	0.07	0.01	0	2.1	2.31	3.75	3.98	3.62	3.56	0.99
4.52	3.82	3.02	2.15	1.31	0.64	0.24	0.07	0.01	0	2.22	2.32	3.75	3.93	3.63	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.51	3.82	3.02	2.15	1.31	0.64	0.24	0.07	0.01	0	2.19	2.51	3.75	3.86	3.62	3.57	0.99
4.5	3.81	3.02	2.15	1.31	0.64	0.24	0.07	0.01	0	2.18	2.54	3.74	3.78	3.63	3.6	0.99
4.49	3.81	3.01	2.15	1.32	0.65	0.24	0.07	0.01	0	1.95	2.34	3.73	3.79	3.62	3.61	0.99
4.49	3.81	3.02	2.15	1.32	0.65	0.24	0.07	0.01	0	2.49	2.47	3.71	3.84	3.63	3.65	0.99
4.5	3.81	3.02	2.16	1.32	0.65	0.24	0.07	0.01	0	2.38	2.31	3.71	3.83	3.63	3.66	0.99
4.51	3.82	3.02	2.16	1.32	0.65	0.24	0.07	0.01	0	1.58	2.04	3.73	3.76	3.64	3.63	0.99
4.52	3.83	3.03	2.16	1.31	0.64	0.24	0.07	0.01	0	1.95	2.34	3.76	3.8	3.62	3.63	0.99
4.54	3.85	3.04	2.16	1.31	0.64	0.24	0.07	0.02	0	1.75	2.41	3.76	3.87	3.6	3.57	0.99
4.56	3.86	3.05	2.17	1.32	0.64	0.24	0.07	0.02	0	1.98	2.15	3.74	3.92	3.61	3.61	0.99
4.57	3.87	3.06	2.17	1.32	0.64	0.24	0.07	0.02	0	1.75	2.46	3.75	3.91	3.61	3.61	0.99
4.58	3.89	3.07	2.18	1.32	0.65	0.25	0.07	0.02	0	1.97	2.4	3.75	3.86	3.63	3.59	0.99
4.59	3.9	3.08	2.19	1.33	0.65	0.25	0.07	0.02	0	1.76	2.5	3.74	3.83	3.63	3.58	0.98
4.6	3.91	3.09	2.2	1.34	0.66	0.25	0.07	0.02	0	1.6	1.96	3.74	3.77	3.63	3.56	0.98
4.62	3.92	3.11	2.21	1.34	0.66	0.26	0.08	0.02	0	1.8	2.18	3.74	3.82	3.63	3.56	0.98
4.63	3.94	3.12	2.22	1.35	0.67	0.26	0.08	0.02	0	1.51	2.13	3.75	3.86	3.62	3.58	0.98
4.66	3.96	3.14	2.24	1.36	0.67	0.27	0.08	0.02	0	1.68	2.33	3.75	3.89	3.62	3.56	0.98
4.68	3.98	3.15	2.25	1.37	0.68	0.27	0.08	0.02	0	1.61	2.25	3.74	3.88	3.61	3.58	0.98
4.71	4	3.17	2.26	1.38	0.69	0.27	0.08	0.02	0	1.67	2.55	3.74	3.84	3.63	3.57	0.98
4.74	4.02	3.19	2.27	1.39	0.69	0.27	0.08	0.01	0	1.71	2.58	3.75	3.87	3.64	3.57	0.98
4.76	4.04	3.2	2.29	1.4	0.7	0.28	0.08	0.01	0	1.73	2.45	3.75	3.9	3.64	3.59	0.98
4.78	4.06	3.22	2.3	1.41	0.7	0.28	0.08	0.01	0	1.53	2.42	3.75	3.94	3.62	3.59	0.98
4.81	4.08	3.24	2.31	1.41	0.71	0.28	0.08	0.01	0	2.03	2.36	3.75	4.01	3.6	3.6	0.98
4.83	4.1	3.25	2.32	1.42	0.71	0.28	0.08	0.01	0	2.03	2.29	3.76	4.02	3.61	3.56	0.98
4.85	4.12	3.27	2.33	1.43	0.71	0.28	0.08	0.01	0	1.99	2.33	3.74	3.95	3.61	3.55	0.98
4.88	4.14	3.29	2.34	1.43	0.72	0.28	0.08	0.01	0	2.09	2.4	3.73	3.84	3.6	3.56	0.98
4.91	4.16	3.3	2.35	1.44	0.72	0.28	0.08	0.01	0	2.15	2.2	3.73	3.8	3.63	3.58	0.98
4.93	4.19	3.32	2.36	1.45	0.72	0.28	0.08	0.01	0	1.52	2.23	3.72	3.82	3.62	3.56	0.98
4.96	4.21	3.34	2.38	1.45	0.73	0.28	0.09	0.01	0	1.87	2.32	3.73	3.95	3.63	3.56	0.98
5	4.24	3.36	2.39	1.46	0.73	0.29	0.09	0.02	0	2.12	2.54	3.75	4.03	3.61	3.58	0.98
5.03	4.27	3.37	2.4	1.47	0.74	0.29	0.09	0.02	0	2.05	2.35	3.75	4.1	3.63	3.61	0.99
5.06	4.29	3.39	2.41	1.48	0.74	0.29	0.09	0.02	0	2.22	2.08	3.75	4.1	3.64	3.58	0.99
5.08	4.31	3.41	2.43	1.49	0.75	0.29	0.09	0.02	0	1.93	2.3	3.74	4.07	3.61	3.59	0.99
5.1	4.33	3.42	2.44	1.49	0.75	0.3	0.09	0.02	0	2.09	2.32	3.76	3.99	3.63	3.58	0.99
5.11	4.34	3.43	2.45	1.5	0.76	0.3	0.1	0.02	0	2.11	2.12	3.76	3.97	3.63	3.57	0.99
5.11	4.34	3.43	2.45	1.51	0.77	0.31	0.1	0.02	0	2.22	2.04	3.74	4	3.63	3.57	0.99
5.1	4.33	3.43	2.46	1.52	0.78	0.32	0.1	0.02	0	2	2.1	3.74	4.05	3.61	3.6	0.99
5.09	4.33	3.43	2.46	1.53	0.79	0.33	0.11	0.02	0	1.93	2.24	3.76	4.12	3.61	3.59	0.99
5.08	4.32	3.43	2.47	1.55	0.8	0.34	0.11	0.02	0	2.05	2.44	3.75	4.17	3.61	3.65	0.99
5.06	4.31	3.43	2.48	1.56	0.82	0.34	0.12	0.02	0	2.66	2.6	3.75	4.19	3.61	3.69	0.98
5.04	4.3	3.43	2.49	1.57	0.83	0.35	0.12	0.03	0	2.66	2.28	3.75	4.18	3.64	3.71	0.98
5.04	4.3	3.44	2.5	1.58	0.84	0.36	0.12	0.03	0	1.97	2.4	3.74	4.03	3.63	3.64	0.98
5.04	4.31	3.45	2.51	1.6	0.85	0.37	0.13	0.03	0	2.55	2.35	3.73	3.92	3.62	3.6	0.98
5.06	4.33	3.47	2.53	1.62	0.87	0.38	0.13	0.03	0	2.67	1.99	3.72	3.77	3.62	3.56	0.98
5.1	4.36	3.51	2.56	1.64	0.89	0.39	0.14	0.03	0	2.4	2.1	3.71	3.78	3.59	3.59	0.98
5.14	4.4	3.54	2.59	1.66	0.9	0.4	0.14	0.03	0	1.98	2.21	3.72	3.75	3.62	3.59	0.98
5.18	4.43	3.57	2.61	1.68	0.91	0.4	0.14	0.03	0	2.19	2.43	3.73	3.74	3.61	3.6	0.97
5.21	4.46	3.6	2.64	1.7	0.92	0.41	0.14	0.03	0	1.99	2.57	3.75	3.82	3.63	3.58	0.97
5.24	4.49	3.62	2.66	1.71	0.93	0.42	0.15	0.04	0	2.13	2.46	3.75	3.9	3.64	3.61	0.97
5.26	4.51	3.64	2.67	1.73	0.95	0.42	0.15	0.04	0	2.03	2.47	3.76	3.94	3.63	3.59	0.97
5.27	4.53	3.66	2.69	1.75	0.96	0.43	0.15	0.04	0	1.77	2.32	3.76	3.89	3.62	3.59	0.97
5.28	4.54	3.67	2.71	1.77	0.97	0.43	0.16	0.04	0	1.67	1.98	3.74	3.83	3.59	3.6	0.97
5.29	4.55	3.69	2.73	1.79	0.98	0.44	0.16	0.04	0	1.62	2.22	3.73	3.78	3.6	3.6	0.97
5.3	4.57	3.71	2.76	1.81	1	0.45	0.16	0.04	0	2.36	2.35	3.71	3.83	3.58	3.61	0.96
5.32	4.59	3.73	2.78	1.83	1.01	0.45	0.17	0.04	0	2.26	2.26	3.71	3.8	3.58	3.59	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.35	4.62	3.76	2.81	1.84	1.02	0.46	0.17	0.04	0	2.54	2.11	3.7	3.79	3.59	3.59	0.96
5.38	4.65	3.79	2.83	1.86	1.03	0.47	0.17	0.05	0	1.99	2.14	3.72	3.76	3.6	3.61	0.96
5.41	4.68	3.82	2.85	1.88	1.05	0.48	0.17	0.05	0	1.94	2.14	3.74	3.82	3.64	3.59	0.97
5.44	4.71	3.84	2.88	1.9	1.06	0.49	0.18	0.05	0	2.36	1.97	3.73	3.9	3.65	3.61	0.97
5.47	4.73	3.87	2.9	1.92	1.07	0.49	0.18	0.05	0	2.43	1.55	3.74	3.95	3.67	3.61	0.97
5.49	4.76	3.9	2.93	1.94	1.09	0.5	0.19	0.05	0	2.44	1.58	3.76	3.95	3.66	3.61	0.97
5.5	4.78	3.92	2.95	1.96	1.11	0.51	0.19	0.05	0	1.79	2.05	3.73	3.85	3.64	3.59	0.97
5.52	4.8	3.95	2.98	1.99	1.12	0.52	0.2	0.05	0	2.1	1.95	3.72	3.75	3.61	3.56	0.97
5.54	4.83	3.97	3.01	2.01	1.14	0.54	0.2	0.06	0	2.25	1.82	3.74	3.76	3.63	3.56	0.97
5.57	4.85	4	3.03	2.04	1.16	0.55	0.21	0.06	0	2.37	2.21	3.74	3.75	3.61	3.58	0.98
5.6	4.88	4.03	3.06	2.06	1.18	0.56	0.21	0.06	0	2.31	2.34	3.74	3.79	3.61	3.55	0.98
5.63	4.91	4.06	3.09	2.09	1.2	0.57	0.22	0.06	0	1.76	2.45	3.75	3.89	3.62	3.58	0.98
5.66	4.94	4.09	3.12	2.11	1.22	0.58	0.22	0.06	0	2.06	2.5	3.75	4.01	3.61	3.58	0.98
5.68	4.97	4.12	3.15	2.14	1.24	0.59	0.23	0.07	0	2.36	2.33	3.76	4.04	3.63	3.57	0.98
5.7	4.99	4.14	3.18	2.17	1.26	0.61	0.23	0.07	0	2.14	2.43	3.75	4.06	3.63	3.59	0.98
5.7	5	4.17	3.2	2.19	1.28	0.62	0.24	0.07	0	1.78	2.51	3.74	4.02	3.63	3.59	0.98
5.7	5.01	4.19	3.23	2.21	1.3	0.63	0.25	0.07	0	1.5	2.47	3.75	3.98	3.61	3.59	0.98
5.69	5.02	4.2	3.25	2.24	1.32	0.63	0.25	0.07	0	2.08	2.29	3.75	3.92	3.63	3.59	0.98
5.68	5.01	4.21	3.26	2.25	1.33	0.64	0.25	0.07	0	2.2	2.26	3.74	3.89	3.61	3.59	0.98
5.67	5.01	4.22	3.28	2.27	1.35	0.65	0.26	0.07	0	2.19	2	3.74	3.86	3.62	3.58	0.98
5.66	5.01	4.23	3.29	2.28	1.36	0.65	0.26	0.07	0	1.65	2.09	3.74	3.92	3.61	3.6	0.98
5.65	5.01	4.23	3.3	2.29	1.36	0.66	0.26	0.08	0	2.15	2.47	3.75	3.94	3.61	3.59	0.97
5.65	5	4.22	3.3	2.3	1.37	0.66	0.26	0.07	0	2.03	2.54	3.73	3.94	3.61	3.58	0.97
5.64	5	4.22	3.3	2.3	1.37	0.66	0.26	0.07	0	1.74	2.4	3.74	3.9	3.61	3.57	0.97
5.65	5	4.22	3.3	2.3	1.37	0.66	0.26	0.07	0	2.11	2.37	3.72	3.87	3.58	3.56	0.97
5.66	5	4.22	3.3	2.3	1.37	0.66	0.26	0.07	0	2.01	2.25	3.73	3.89	3.6	3.55	0.97
5.67	5.01	4.23	3.3	2.3	1.37	0.67	0.26	0.07	0	1.66	2.1	3.74	3.97	3.61	3.58	0.97
5.69	5.02	4.23	3.3	2.3	1.37	0.67	0.26	0.07	0	1.91	2.19	3.74	4.02	3.61	3.63	0.97
5.71	5.04	4.24	3.3	2.3	1.37	0.67	0.26	0.07	0	2.06	2.35	3.75	4	3.61	3.58	0.97
5.73	5.05	4.25	3.31	2.3	1.37	0.67	0.26	0.07	0	1.64	2.44	3.75	4.01	3.61	3.6	0.97
5.74	5.06	4.25	3.31	2.3	1.37	0.67	0.26	0.07	0	1.83	2.14	3.75	4.07	3.61	3.58	0.97
5.76	5.07	4.26	3.32	2.31	1.37	0.67	0.26	0.07	0	2.13	2.21	3.75	4.03	3.62	3.6	0.97
5.76	5.08	4.27	3.33	2.31	1.38	0.68	0.26	0.07	0	1.37	2.45	3.75	3.97	3.63	3.57	0.98
5.77	5.09	4.28	3.34	2.32	1.38	0.68	0.27	0.07	0	1.8	2.54	3.74	3.91	3.62	3.58	0.98
5.77	5.1	4.29	3.35	2.33	1.39	0.68	0.27	0.07	0	1.85	2.3	3.75	3.85	3.62	3.57	0.98
5.77	5.1	4.3	3.36	2.34	1.39	0.69	0.27	0.07	0	1.85	2.44	3.74	3.79	3.63	3.57	0.98
5.78	5.11	4.31	3.38	2.35	1.4	0.69	0.27	0.07	0	2.01	2.45	3.73	3.81	3.62	3.56	0.98
5.78	5.12	4.33	3.39	2.36	1.4	0.69	0.27	0.07	0	1.86	2.47	3.73	3.82	3.61	3.55	0.98
5.79	5.13	4.34	3.4	2.37	1.41	0.69	0.27	0.07	0	1.65	2.52	3.74	3.93	3.61	3.56	0.99
5.8	5.14	4.35	3.41	2.38	1.41	0.7	0.27	0.07	0	1.56	2.55	3.74	4	3.62	3.57	0.99
5.81	5.15	4.37	3.43	2.39	1.42	0.7	0.28	0.07	0	1.91	2.39	3.75	4.04	3.63	3.57	0.99
5.81	5.16	4.38	3.44	2.4	1.43	0.7	0.28	0.07	0	1.99	2.45	3.76	4.03	3.64	3.55	0.99
5.81	5.16	4.38	3.45	2.41	1.44	0.71	0.28	0.07	0	2.08	2.44	3.75	4	3.63	3.58	0.99
5.81	5.16	4.39	3.46	2.42	1.45	0.71	0.28	0.07	0	1.74	2.48	3.75	3.88	3.63	3.57	0.99
5.8	5.16	4.39	3.46	2.43	1.45	0.71	0.28	0.07	0	1.76	2.4	3.73	3.8	3.64	3.57	0.99
5.79	5.16	4.39	3.47	2.44	1.46	0.72	0.28	0.08	0	2.11	2.19	3.73	3.82	3.61	3.57	0.99
5.79	5.16	4.39	3.47	2.45	1.46	0.72	0.29	0.08	0	2.12	2.36	3.74	3.89	3.62	3.57	0.99
5.79	5.15	4.39	3.47	2.45	1.47	0.72	0.29	0.08	0	2.03	2.17	3.74	3.93	3.6	3.58	0.99
5.79	5.16	4.39	3.47	2.45	1.47	0.72	0.29	0.08	0	1.9	2.04	3.74	3.96	3.61	3.59	0.99
5.79	5.16	4.39	3.47	2.45	1.47	0.73	0.29	0.08	0	1.84	2.31	3.74	4.03	3.61	3.59	0.99
5.8	5.16	4.39	3.47	2.44	1.47	0.73	0.29	0.08	0	1.87	2.42	3.74	4.03	3.61	3.59	0.98
5.79	5.16	4.39	3.46	2.44	1.47	0.73	0.29	0.08	0	2.21	2.47	3.74	4.09	3.61	3.6	0.98
5.79	5.15	4.38	3.45	2.43	1.46	0.72	0.29	0.08	0	2.08	2.39	3.74	4.05	3.61	3.62	0.98

Acquisition and Processing Report

for

Toro Energy Limited

by



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FAS JOB # 1805

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1. SURVEY OPERATIONS AND LOGISTICS

1.1 Introduction

Between the 25th of July 2006 and the 29th of August 2006, Fugro Airborne Surveys Pty. Ltd. (FAS) undertook an airborne TEMPEST electromagnetic and magnetic survey for Toro Energy Limited, over the Gawler Project areas near Tarcoola in South Australia. The survey was flown over six areas with total coverage of the survey amounting to 5175.4 line kilometres flown in 10 flights. The survey was flown using a CASA C212-200 Turbo Prop aircraft, registration VH-TEM owned and operated by FAS. This report summarises the procedures and equipment used by FAS in the acquisition, verification and processing of the airborne geophysical data.

1.2 Survey Base

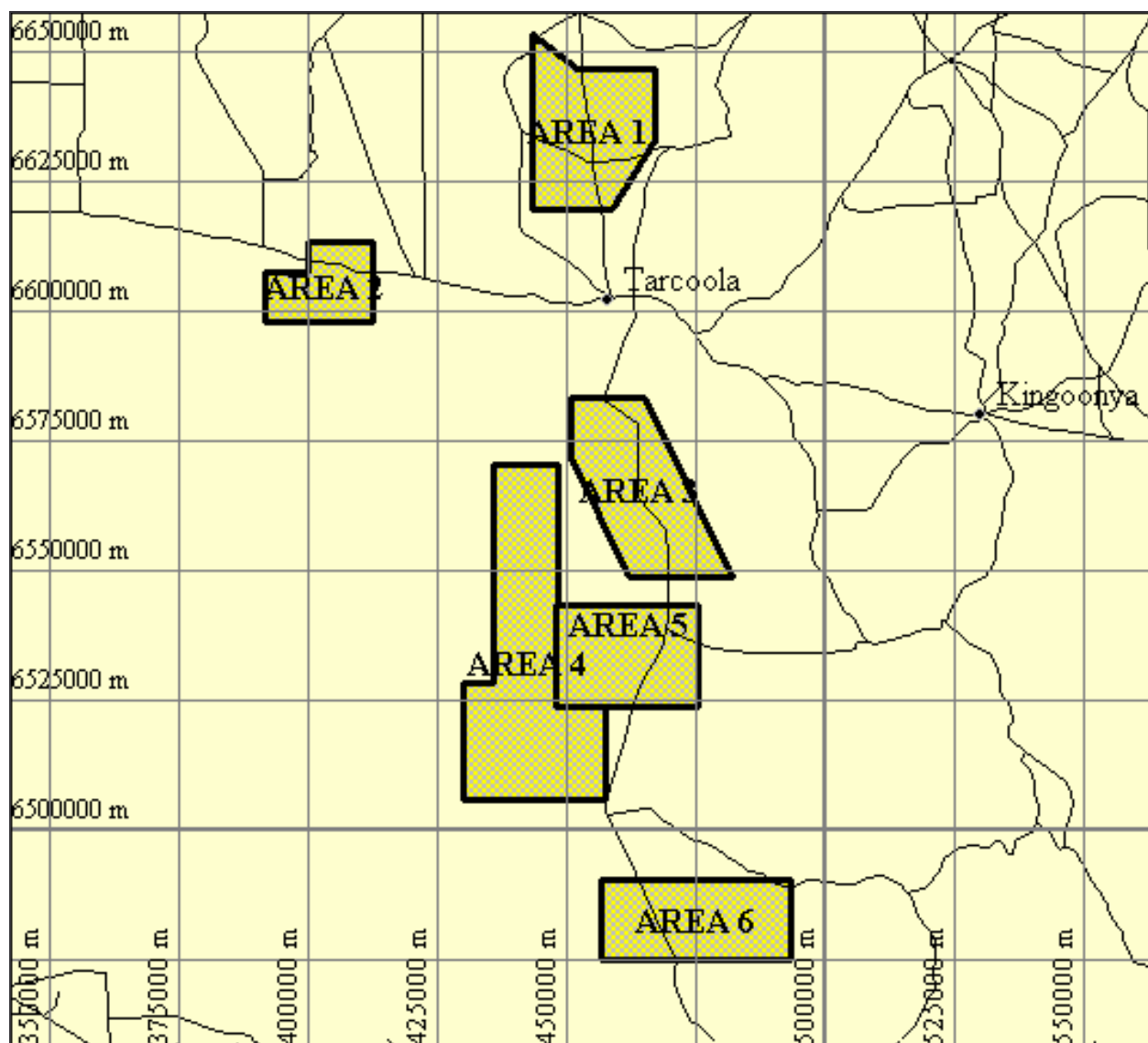
The survey was based out of Ceduna, South Australia. The survey aircraft was operated from the Ceduna airport with the aircraft fuel available on site. A temporary office was set up in a room at the BP Highway One Motel, Ceduna, where all survey operations were run and the post-flight data verification was performed.

1.3 Survey Personnel

The following personnel were involved in this project:

Project Supervision - Acquisition	Bart Anderson
- Processing	Kathlene Oliver
On-site Crew Leader	John Stewart
Pilot/s	Tim Haldane, Melanie Cote
System Operator/s	John Stewart
Technician	John Stewart
Field Data Processing	Matthew Noteboom, Halim Nadir
Office Data Processing	Matthew Owers

1.4 Area Location Map



Datum: GDA94
Projection: MGA
Zone: 53

2. SURVEY SPECIFICATIONS AND PARAMETERS

2.1 Area Co-ordinates

The survey area was located within UTM Zone 53S, Central Meridian = 135
(Note - Co-ordinates in WGS84 Zone 53)

Area 1

Easting	Northing
444000	6652000
452000	6646000
466500	6646000
466500	6633000
458500	6620000
444000	6620000
444000	6640000

Area 2

Easting	Northing
400000	6613000
412000	6613000
412000	6598000
392000	6598000
392000	6607000
400000	6607000

Area 3

Easting	Northing
452000	6582000
464000	6582000
480000	6550000
463000	6550000
452000	6572000
452000	6582000

Area 4

Easting	Northing
436000	6570000
448000	6570000
448000	6524000
457000	6524000
457000	6506000
430000	6506000
430000	6528000
436000	6528000

Area 5

Easting	Northing
448000	6543000
475000	6543000
475000	6524000
448000	6524000

Area 6

Easting	Northing
457000	6490000
493000	6490000
493000	6475000
457000	6475000

2.2 Survey Area Parameters

Job Number	-	1805
Survey Company	-	Fugro Airborne Surveys Pty Ltd
Date Flown	-	25th July 2006 – 29 th August 2006
Client	-	Toro Energy Limited
EM System	-	25 Hz TEMPEST
Navigation	-	Real-time differential GPS
Datum	-	GDA94 (Zone 53)
Area Name	-	Gawler (1-6), South Australia
Nominal Terrain Clearance	-	120 m
Line Kilometres - Area 1	-	1613.6 km
Line Kilometres - Area 2	-	679.5 km
Line Kilometres - Area 3	-	641.3 km
Line Kilometres - Area 4	-	1121.5 km
Line Kilometres - Area 5	-	546.0 km
Line Kilometres - Area 6	-	573.5 km
Total Survey Line Kilometres	-	5175.4 km

Area	Traverse Line Spacing	Traverse Line Direction	Traverse Line Numbers	Tie Line Spacing	Tie Line Direction	Tie Line Numbers
1	400 m	000-180	10010-10590	10,000 m	090-270	17010-17030
2	400 m	090-270	20010-20392	N/A	N/A	N/A
3	1000 m	090-270	30010-30340	N/A	N/A	N/A
4	1000 m	090-270	40010-40650	N/A	N/A	N/A
5	1000 m	000-180	50010-50280	N/A	N/A	N/A
6	1000 m	000-180	60010-60350	N/A	N/A	N/A

2.3 Flight Plans

The flight plans are given in Appendix 1.

2.4 Job Safety Plan

A Job Safety Plan was prepared and implemented in accordance with the Fugro Airborne Surveys Occupational Safety & Health Management System.

3. AIRCRAFT EQUIPMENT AND SPECIFICATIONS

3.1 Aircraft

Manufacturer	-	CASA
Model	-	C212-200 Turbo Prop
Registration	-	VH-TEM
Ownership	-	Fugro Airborne Surveys Pty Ltd

3.2 TEMPEST System Specifications

Specifications of the TEMPEST Airborne EM System (Lane et al., 2000) are:

• Base frequency	-	25 Hz
• Transmitter area	-	244 m ²
• Transmitter turns	-	1
• Waveform	-	Square
• Duty cycle	-	50%
• Transmitter pulse width	-	10 ms
• Transmitter off-time	-	10 ms
• Peak current	-	280 A
• Peak moment	-	68,320 Am ²
• Average moment	-	34,160 Am ²
• Sample rate	-	75 kHz on X and Z
• Sample interval	-	13 microseconds
• Samples per half-cycle	-	1500
• System bandwidth	-	25 Hz to 37.5 kHz
• Flying height	-	120 m (subject to safety considerations)
• EM sensor	-	Towed bird with 3 component dB/dt coils
• Tx-Rx horizontal separation	-	120 m (nominal)
• Tx-Rx vertical separation	-	30m (nominal)
• Stacked data output interval	-	200 ms (~12 m)
• Number of output windows	-	15
• Window centre times	-	13 µs to 16.2 ms
• Magnetometer	-	Stinger-mounted cesium vapour
• Magnetometer compensation	-	Fully digital
• Magnetometer output interval	-	200 ms (~12 m)
• Magnetometer resolution	-	0.001 nT
• Typical noise level	-	0.2 nT
• GPS cycle rate	-	1 second

3.2.1 EM Receiver and Logging Computer

The EM receiver computer is a Picodas PDAS-1000 data acquisition system. The EM receiver computer executes a proprietary program for system control, timing, data acquisition and recording. Control, triggering and timing is provided to the TEMPEST transmitter and DSP signal processing boards by the timing card, which ensures that all waveform generation and sampling is accomplished with high accuracy. The timing card is synchronised to GPS through the use of the PPS output from the system GPS card. Synchronisation is also provided to the magnetometer processor card for the purpose of accurate magnetic sampling with respect to the EM transmitter waveform.

The EM receiver computer displays information on the main screen during system calibrations and survey line acquisition to enable the airborne operator to assess the data quality and performance of the system.

3.2.2 TEMPEST Transmitter

The transmitted waveform is a square wave of alternating polarity, which is triggered directly from the EM receiver computer. The nominal transmitter base frequency was 25 Hz with a pulse width of 10ms (50 % duty cycle). Loop current waveform monitoring is provided by a current transformer located directly in the loop current path to allow for full logging of the waveform shape and amplitude, which is sampled by the EM receiver.

3.2.3 TEMPEST 3-Axis Towed Bird Assembly

The TEMPEST 3-axis towed bird assembly provides accurate low noise sampling of the X (horizontal in line), Y (horizontal transverse) and Z (vertical) components of the electromagnetic field. The receiver coils measure the time rate of change of the magnetic field (dB/dt). Signals from each axis are transferred to the aircraft through a tow cable specifically designed for its electrical and mechanical properties.

3.3 PDAS 1000 Survey Computer

The SURVEY computer is a PICODAS PDAS 1000 data acquisition system. The SURVEY computer executes a proprietary program for acquisition and recording of location, magnetic and ancillary data. Data are presented both numerically and graphically in real time on the VGA LCD display, which provides an on-line display capability. The operator may alter the sensitivity of the displays on-line to assist in quality control. Selected EM data are transferred from the EM receiver computer to the SURVEY computer for QC display.

3.3.1 Cesium Vapour Magnetometer Sensor

A cesium vapour magnetometer sensor is utilised on the aircraft and consists of the sensor head and cable, and the sensor electronics. The sensor head is housed at the end of a composite material tail stinger.

3.3.2 Magnetometer Processor Board

A Picodas magnetometer processor board is used for de-coupling and processing the Larmor frequency output of the magnetometer sensor. The processor board interfaces with the PDAS 1000 survey computer, which initiates data sampling and transfer for precise sample intervals and also with the EM receiver computer to ensure that the magnetic samples remain synchronised with the EM system.

3.3.3 Fluxgate Magnetometer

A tail stinger mounted Bartington MAG-03MC three-axis fluxgate magnetometer is used to provide information on the attitude of the aircraft. This information is used for compensation of the measured magnetic total field.

3.3.4 GPS Receiver

A Novatel GPScard 951R is utilised for airborne positioning and navigation. Satellite range data are recorded for generating post processed differential solutions.

3.3.5 Differential GPS Demodulator

The Fugro Surveys' OMNISTAR differential GPS service provides real time differential corrections.

3.4 Navigation System

A Picodas PNAV 2001 Navigation Computer is used for real-time navigation. The PNAV computer loads a pre-programmed flight plan from disk which contains boundary co-ordinates, line start and end co-ordinates, local co-ordinate system parameters, line spacing, and cross track definitions. The WGS-84 latitude and longitude positional data received from the Novatel GPScard contained in the SURVEY computer is transformed to the local co-ordinate system for calculation of the cross track and distance to go values. This information, along with ground heading and ground speed, is displayed to the pilot numerically and graphically on a two line LCD display, and on an analog HSI indicator. It is also presented on a LCD screen in conjunction with a pictorial representation of the survey area, survey lines, and ongoing flight path.

The PNAV is interlocked to the SURVEY computer for auto selection and verification of the line to be flown. The GPS information passed to the PNAV 2001 navigation computer is corrected using the received real time differential data, enabling the aircraft to fly as close to the intended track as possible.

3.5 Altimeter System

3.5.1 Radar Altimeter

Model:	Sperry Stars RT-220 radio altimeter system
Sample interval:	1.0 second
Accuracy:	+/- 1.5 % of indicated altitude.

The Sperry radio altimeter is a high quality instrument whose output is factory calibrated. It is fitted with a test function which checks the calibration of a terrain clearance of 100 feet, and altitudes which are multiples of 100 feet. The aircraft radio altitude is recorded onto digital tape as well as displayed on the aircraft chart recorder. The recorded value is the average of the altimeters output during the previous second.

3.5.2 Barometric Altimeter

Output of a Digiquartz 215A-101 pressure transducer is used for calculating the barometric altitude of the aircraft. The atmospheric pressure is taken from a gimbal-mounted probe projecting 0.5 metres from the wing tip of the aircraft and fed to the transducer mounted in the aircraft wingtip.

3.6 Data Recorded by the Airborne Acquisition Equipment

Raw EM data including fiducial, local time, X, Y, Z axis sensor response, current monitor and bird auxiliary sensor output are recorded on the EM receiver computer as “G” EM files.

The Survey computer records all other survey data including aeromagnetic and GPS data using as “S” Survey files, and “R” Rover files containing GPS raw range data for post processing.

4. GROUND DATA ACQUISITION EQUIPMENT AND SPECIFICATIONS

4.1 Magnetic Base Station

Two Geometrics G856 magnetometers were used to measure the daily variations of the Earth's magnetic field. The base stations were established in an area of low gradient, away from cultural influences. The base stations were run continuously throughout the survey flying period with a sampling interval of 5 seconds at a sensitivity of 0.01 nT. The base station data were closely examined after each day's production flying to determine if any data had been acquired during periods of out-of-specification diurnal variation. The base stations were located approximately 80 m apart at Ceduna airport.

4.2 GPS Base Station

A GPS base logging station was set up at the survey base office. The GPS antenna was positioned on the roof of the BP Highway One Motel, Ceduna.

The GPS base system was comprised of a Novatel GPS PC card mounted in a portable IBM computer. The computer is connected to a mains UPS backup, with a reserve capacity of approximately 100 minutes, to ensure continuous data logging in the event of mains power interruptions.

The GPS base station position was calculated by logging data continuously at the base position over a period of approximately 24 hours. These data were then statistically averaged to obtain the position of the base station using GrafNav software.

The calculated GPS base position was (in WGS84):

Lat: -32° 06' 49.65599" S

Long: 133° 40' 19.14047" E

Height: 2.387 m. (WGS84 Ellipsoidal Height)

5. EM AND OTHER CALIBRATIONS AND MONITORING

At the beginning and end of each individual survey flight, the EM system is checked for background noise levels and performance. All of these checks are conducted at a nominal terrain clearance of 600 m (2000 ft) to eliminate ground response.

These checks include:-

5.1 Pre-Flight Barometer Calibration: Line C1511

A recording of the barometer output at a known elevation is carried out before take-off to assist with calibration and determination of drift during the flight. The barometer is used as a back-up to the GPS for aircraft altitude.

5.2 Pre-Flight Zero: Line C9001

This manoeuvre is performed once the aircraft is established en route to the survey area. Background EM levels are recorded and assessed by the airborne operator to determine if:-

- a. the system noise level is acceptable,
- b. the response had not varied significantly from previous flights, and
- c. the spheric level is acceptable.

These data are recorded for approximately 90 seconds.

5.3 Pre-Flight Swoops: Line C9002

This manoeuvre is conducted immediately after the pre sortie zero. During this manoeuvre the relative position of the towed sensor is deliberately made to vary relative to the aircraft. The EM data are monitored by the airborne operator to confirm correct operation of the system during the manoeuvre.

5.4 Post-Flight Zero: Line C9003

This calibration is performed immediately following the completion of the survey sorties. Background EM levels are recorded to characterise any changes occurred in the system over the duration of the flight. These data are recorded for approximately 90 seconds.

5.5 Post-Flight Barometer Calibration: Line C1611

A recording of the barometer output is repeated following landing at the end of the flight to assist with calibration and determination of drift during the flight.

5.6 Additive EM Measurements: Lines C9004, C9005, and C9007

A recording of the background signal through the X, Y and Z receiver coil inputs is carried out before and/or after acquisition of data for survey lines on each flight. These measurements may be made with the transmitter on (C9004, C9005) or with the transmitter off (C9007). The signal from the receiver coils is removed from the signal pathway by disconnecting the power to the bird at the winch inside the aircraft.

5.7 Dynamic Magnetometer Compensation

To limit aircraft manoeuvre effects on the magnetic data that can be of the same spatial wavelength as the signals from geological sources, compensation calibration lines are flown in a low magnetic gradient area close to the survey. This involves flying a series of tests on the survey line heading and approximately 15 degrees either side to accommodate small heading variations whilst flying survey lines. The data for each heading consists of a series of aircraft manoeuvres, including pitches, rolls and yaws. This is done to artificially create the most extreme possible attitude the aircraft may encounter whilst on

survey. Data from these lines are used to derive compensation coefficients for removing magnetic noise induced by the aircraft's attitude in the naturally occurring magnetic field.

Compensation data were acquired on the 25th of July 2006.

5.8 Parallax Checks

Due to the relative positions of the EM towed bird and the magnetometer instruments on the aircraft and to processing / recording time lags, raw readings from each vary in position. To correct for this and to align selected anomaly features on lines flown in opposite directions, magnetics, EM data and the altimeters are 'parallaxed' with respect to the position information. System parallax is checked occasionally or following any major changes in the aircraft system which are likely to affect the parallax values. (See section 6.2.5.2 for final parallax values)

5.9 Radar Altimeter Calibration

The radar altimeter is checked for accuracy and linearity every 12 months or when any change in a key system component requires this procedure to be carried out. This calibration allows the radar altimeter data to be compared and assessed with other height data (GPS and barometric) to confirm the accuracy of the radar altimeter over its operating range.

Absolute radar and barometric altimeter calibration was carried out over water at Mandurah, WA and was successful in calibrating the radar altimeter to information provided by the GPS and barometer instrument. Calibration factors were as expected. The calibration procedure also provides parallax information required for positional correction of the radar and GPS altimeters.

5.10 Heading Error Checks

Historically, heading error checks have been part of the aeromagnetic data acquisition procedure but they are no longer used. Fugro Airborne Surveys now calculates these effects using the aircraft magnetic compensation system and specially developed software. The precision to which these effects are now calculated and corrected for is far in excess of the manual methods used in the past.

6. DATA PROCESSING

6.1 Field Data Processing

6.1.1 Quality Control Specifications

6.1.1.1 Navigation Tolerance

The re-flight specifications applied for the duration of the survey were:

Electronic Navigation - absence of electronic navigation data (e.g. GPS base station fails).

Flight Path – flight line spacing should not exceed 125% of the nominal spacing over a continuous distance exceeding 5 km or where lines cross.

Altitude - terrain clearance continuously exceeds the nominal terrain clearance by plus or minus 30 m over a distance of 5 km or more unless to do so would, in the sole opinion of the pilot, jeopardise the safety of the aircraft or the crew or the equipment or would be in contravention of the Civil Aviation Safety Authority regulation such as those pertaining to built up areas.

6.1.1.2 Magnetism Noise And Diurnal Tolerance

The re-flight specifications applied for the duration of the survey were:

Magnetic Diurnal - where the magnetometer base station data exceeds a 10 nT change in 10 minutes.

6.1.1.3 Electromagnetic Data

The quality control checks on the electromagnetic data were:

Noise - where RMS noise in the last channel of the EM data exceeds 0.1 fT over 3 km for B-field (assessed in a resistive region) or where FAS believes an important anomaly is rendered un-interpretable.

Sferics – where sferic activity renders a potential anomaly un-interpretable.

6.1.2 In-Field Data Processing

Following acquisition, multiple copies of the EM data are made onto DVDs or CDs. The EM, location, magnetic and ancillary data are then processed at the field base to the point that the quality of the data from each flight can be fully assessed. Copies of the raw and processed data are then transferred to Perth for final data processing. A more comprehensive statement of EM data processing is given in section 6.2.3.

6.2 Final Data Processing

6.2.1 Magnetism

Magnetic data were compensated for aircraft manoeuvre noise using coefficients derived from the appropriate compensation flight. Base station data is edited so that all significant spikes, level shifts and null data are eliminated.

A diurnal base value was then added.

Area	Base Value
All Areas	56120 nT

A lag was applied to synchronise the magnetic data with the navigation data.

The International Geomagnetic Reference Field (IGRF) 2005 model (updated for secular variation 2006.6) was removed from the levelled total field magnetics. An IGRF base value was then added to the data.

Area	Base Value
All Areas	56473 nT

Following this, a FAS proprietary microlevelling process was applied to areas 1 & 2 only, in order to more subtly level the magnetic data.

6.2.2 Derived Topography

Aircraft navigation whilst in survey mode is via real time differential GPS, obtained by combining broadcast differential corrections with on-board GPS measurements. Terrain clearance is measured with a radar altimeter.

The ground elevation, relative to the WGS84 spheroid used by GPS receiver units, is obtained by subtracting the terrain clearance from the aircraft altitude, noting the vertical separation between the GPS antenna and the radar altimeter, and applying suitable parallax corrections between the two measurements.

The digital elevation model derived from this survey can be expected to have an absolute accuracy of +/- several metres in areas of low to moderate topographic relief. Sources of error include uncertainty in the location of the GPS base station, variations in the radar altimeter characteristics over ground of varying surface texture, and the finite footprint of the radar altimeter.

Following this, a FAS proprietary microlevelling process was applied to areas 1 and 2 in order to more subtly level the data.

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process.

Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

6.2.3 Electromagnetic Data Processing

Details of the pre-processing applied to TEMPEST data can be found in Lane et al. (2000).

6.2.3.1 Standard EM Processing

Calibration

High altitude calibration data are used to characterise the system response in the absence of any ground response.

Cleaning and Stacking

Routines to suppress sferic noise, powerline noise, VLF noise, coil motion noise (collectively termed “cleaning”) and to stack the data are applied to the survey line data. Output from the stacking filter is drawn at 0.2 second intervals. The stacked data are saved to file as an internal data management practice.

Deconvolution and Binning

The survey height stacked data are deconvolved using the high altitude reference waveform. The effect of currents in the transmitter loop and airframe (“primary”) are then removed, leaving a “pure” ground response. The deconvolved ground response data are then transformed to B-field response for a perfect 100% duty cycle square wave. Finally, the evenly spaced samples are binned into a number of windows.

Table of TEMPEST window information for 25Hz base frequency

Window #	Start sample	End sample	No of samples	start time (s)	End time (s)	centre time (s)	centre time (ms)
1	1	2	2	0.000007	0.000020	0.000013	0.013
2	3	4	2	0.000033	0.000047	0.000040	0.040
3	5	6	2	0.000060	0.000073	0.000067	0.067
4	7	10	4	0.000087	0.000127	0.000107	0.107
5	11	16	6	0.000140	0.000207	0.000173	0.173
6	17	26	10	0.000220	0.000340	0.000280	0.280
7	27	42	16	0.000353	0.000553	0.000453	0.453
8	43	66	24	0.000567	0.000873	0.000720	0.720
9	67	102	36	0.000887	0.001353	0.001120	1.120
10	103	158	56	0.001367	0.002100	0.001733	1.733
11	159	246	88	0.002113	0.003273	0.002693	2.693
12	247	384	138	0.003287	0.005113	0.004200	4.200
13	385	600	216	0.005127	0.007993	0.006560	6.560
14	601	930	330	0.008007	0.012393	0.010200	10.200
15	931	1500	570	0.012407	0.019993	0.016200	16.200

The data are reviewed after windowing. Any decisions involving re-flights due to AEM factors are made at this point.

Raw and Final EM Data

The “raw” or “uncorrected” EM amplitudes reflect, not only the variations in ground conductivity, but the variations in geometry of the various parts of the EM measurements (i.e. transmitter loop pitch, transmitter loop roll, transmitter loop terrain clearance, transmitter loop to receiver coil horizontal longitudinal separation, transmitter loop to receiver coil horizontal transverse separation, and transmitter loop to receiver coil vertical separation) during the survey. For example, the largest influence on the early time EM amplitude is the terrain clearance of the transmitter loop. The larger the terrain clearance, the smaller the amplitude. Later window times (larger window number) show diminished variations due to terrain clearance.

“Final” or “geometry-corrected” located data are produced for optimum presentation of the EM amplitude data in image format (e.g. window amplitude images, principal component analysis images derived from the window amplitudes (Green,1998b)). Between “raw” and “final” states, the ground response data undergo an approximate correction to produce data from a nominated standard geometry. A dipole-image method (Green, 1998a) is used to adjust the data to the response that would be expected at a standard terrain clearance (120m), standard transmitter loop pitch and roll (zero degrees), and a standard transmitter loop to receiver coil geometry (120m behind and 35 below the aircraft). These variables have been set to their respective standard values in the “final” located data (whereas the “raw” located data file contains the variable field data). Zero parallax is applied to transmitter loop pitch, roll, terrain clearance, X component EM and Z component EM data prior to geometry correction. Over extremely conductive ground (e.g. > 100 S conductance), the estimates for transmitter loop to receiver coil separation determined from the primary field coupling factors may be in error at the metre scale due to uncertainty in the estimation of the primary field. This will influence the accuracy of very early time window amplitude information in the “geometry-corrected” located data. Receiver coil pitch has a significant effect on early time Z component response and late time X component response (Green and Lin, 1996). Receiver coil roll impacts early time Z component response.

Levelling

Limited range micro-levelling may be applied to the final window amplitudes for presentation purposes, principally for multi-flight surveys or when isolated re-flight lines are present. Only areas 1 & 2 had microlevelling applied to the EM data.

6.2.3.2 Factors and Corrections

Geometric Factor

The geometric factor gives the ratio of the strength of the primary field coupling between the transmitter loop and the receiver coil at each observation relative to the coupling observed at high altitude during acquisition of reference waveform data. Variations in this factor indicate a change in the attitude and/or relative separation of the transmitter loop and the receiver coil.

Transmitter-Receiver Geometry

Transmitter to receiver geometry values for each observation are derived from the high altitude reference waveforms and knowledge of the system characteristics. These data are available in the located data (see section 6.2.6.1 for “standardised” values)

GPS Antenna, Laser Altimeter and Transmitter Loop Offset Corrections

The transmitter loop was mounted 0.1m above the GPS antenna on the aircraft. The GPS antenna is 2.3m above the belly of the aircraft. The laser altimeter sensor is mounted in the belly of the aircraft. Therefore a total of 2.4m (0.1m + 2.3m) was added to the laser altimeter data to determine the transmitter loop height above the ground.

Transmitter Loop Pitch and Roll Correction

Measured vertical gyro aircraft pitch and roll attitude measurements are converted to transmitter loop pitch and roll by adding -0.9 degrees for pitch and -0.1 degrees for roll. Nose up is positive for pitch, and left wing up is positive for roll.

6.2.3.3 Primary Sources of EM Noise

A number of “monitor” values are calculated during processing to assist with interpretation. They generally represent quantities that have been removed as far as is practical from the data, but may still be present in trace amounts. These are more significant for interpretation of discrete conductors than for general mapping applications.

Sferic Monitor

Sferics are the electromagnetic signals associated with lightning activity. These signals travel large distances around the Earth. Background levels of sferics are recorded at all times from lightning activity in tropical areas of the world (eg tropical parts of Asia, South America and Africa). Additional higher amplitude signals are produced by “local” lightning activity (ie at distances of kilometres to hundreds of kilometres).

The sferic monitor is the sum of the absolute differences brought about by the sferic filter operations, summed over 0.2 second intervals, normalised by the receiver effective area. It is given in units of $\mu\text{V}/\text{sq.m}/0.2\text{s}$. Many sferics have a characteristic form that is well illustrated by figure 2 in Garner and Thiel (2000). The high frequency, initial part of a sferic event can be detected and filtered more easily than the later, low frequency portion. The sferic monitor indicates where at least the high frequency portion of a sferic has been successfully removed, but it is quite possible that lower frequency elements of the sferic event may have eluded detection, passing through to the window amplitude data. Thus, discrete anomalies coincident with sferic activity as indicated by the sferic monitor should be down-weighted relative to features clear of any sign of sferic activity.

Low Frequency Monitor

The Low Frequency Monitor (LFM) makes use of amplitudes at frequencies below the base frequency which are present in the streamed data to estimate the amplitude of coil motion (Earth magnetic field) noise at the base frequency in $\log_{10}(\text{pV}/\sqrt{\text{Hz}}/\text{sq.m})$. The coil motion noise below the base frequency is rejected through the use of tapered stacking, but the coil motion noise at the base frequency itself is not easily removed. A sharp spike in the LFM can be an indicator of a coil motion event (eg the bird passing through extremely turbulent air). Note that the LFM will also respond to sferic events with an appreciable low frequency (sub-base frequency) component. This situation can be inferred when both the LFM and sferic monitors show a discrete kick.

Powerline Monitor

The powerline monitor gives the amplitude of the received signal at the powerline frequency (50 or 60 Hz) in $\log_{10}(\text{pV}/\sqrt{\text{Hz}}/\text{sq.m})$. Careful selection of the base frequency (such that the powerline frequency is an even harmonic of the base frequency) and tapered stacking combine to strongly attenuate powerline signals. When passing directly over a powerline, the rapid lateral variations in the strength and direction of the magnetic fields associated with the powerline can result in imperfect cancellation of the powerline response during stacking. Some powerline-related interference can manifest itself in a form that is similar to the response of a discrete conductor. The exact form of the monitor profile over a powerline depends on the line direction, powerline direction, powerline current, and receiver component, but the monitor will show a general increase in amplitude approaching the powerline.

Grids (or images) of the powerline monitor reveal the location of the transmission lines. Note that the X component (horizontal receiver coil axis parallel with the flight line direction) does not register any response from powerlines parallel to the flight line direction since the magnetic fields associated with powerlines only vary in a direction perpendicular to the powerline. Note also that the Z component (vertical receiver coil axis) shows a narrow low directly over the powerline where the magnetic fields are purely horizontal.

Very Low Frequency Monitors

Wide area VLF communication signals in the 15 to 25 kHz frequency band are monitored by the TEMPEST system. In the Australian region, signals at 18.2 kHz, 19.8 kHz, 21.4 kHz and 22.2 kHz are monitored as the amplitude of the received signal at these frequencies in $\log_{10}(\text{pV}/\sqrt{\text{Hz}}/\text{sq.m})$. The strongest signal comes from North West Cape (19.8 kHz). The signal at 18.2 kHz is often observed to pulse in a regular sequence. These strong narrow band signals have some impact on the high frequency response of the system, but they are strongly attenuated by selection of the base frequency and tapered stacking. The VLF transmissions are strongest in amplitude, in the horizontal direction at right angles to the direction to the VLF transmitter. This directional dependence enables the VLF monitors to be used to indicate the receiver coil attitude.

6.2.3.4 Other Sources of EM Noise

Man-made periodic discharges

If an image of the Z component sferic monitor shows the presence of spatially coherent events, then pulsed cultural interference would be strongly suspected. Since sferic signals are much stronger in the horizontal plane than in the vertical plane, few sferics of significant amplitude are recorded in Z component data. In contrast, evidence of cultural interference is generally swamped by true sferics in X component sferic monitor images.

Electric fences are the most common source of pulsed cultural interference. Periodic discharges (eg every second or so) into a large wire loop (fence) produce very large spikes in raw data. These are attenuated to a large degree by the sferic filter, but a residual artefact can still be present in the processed data.

Coil motion / Earth field noise

A change in coupling between the receiver coil and the ambient magnetic field will induce a voltage in the receiver coil. This noise is referred to as coil motion or Earth field noise. Receiver coils in the towed bird are suspended in a fashion that attempts to keep this noise below the noise floor at frequencies equal to and above the base frequency of the system. Severe turbulence, however, can result in 'coil knock events' that introduce noise into the processed data.

Grounded metal objects

Grounded extensive metal objects such as pipelines and rail lines can qualify as conductors and may produce a response that is visible in processed data. Grounded metal objects produce a response similar to shallow, highly conductive, steeply dipping conductors. These objects can sometimes be identified from good quality topographic maps, from aerial photographs, by viewing the tracking video, from their unusual spatial distribution (ie often a series of linear segments) and in some circumstances from their effect on the powerline monitor. A powerline running close to a long metal object will induce a 50 Hz response in the object.

6.2.4 Conductivity Depth Images (CDI)

CDI conductivity sections for TEMPEST data were calculated using EMFlow and then modified to reflect the finite depth of investigation using an in-house routine, *Sigtime*.

The *Sigtime* routine removes many of the spurious conductive features that appear at depth as a result of fitting long time constant exponential decays to very small amplitude features in the late times. For each observation, the time when the response falls below a signal threshold amplitude is determined. This time is transformed into a diffusion depth with reference to the conductivity values determined for that observation. Anomalous conductivity values below this depth are replaced by background values or set to undefined, reflecting the uncertainty in their origin. The settings and options applied are indicated in the appropriate header files for *Sigtime* output. This procedure is different to that which would be obtained by filtering conductivity values using either a constant time or constant depth across the entire line.

The "final" data for each area were input into version 5.10 of EMFlow to calculate Conductivity Depth Images (CDI). Conductivity values are routinely calculated to a depth of 500m below surface by 5m increments, however it was deemed, in consultation with the client's representative, that using a depth increment of 1m and a higher range of conductivities, better suited the paleochannels being targeted. This meant that conductivities were calculated over the range 3-3000mS/m (except for area 3 where 1.5-1500mS/m was used) down to 100m below surface at each point, then run through *Sigtime*. This processing was completed for the Z component data since Z better delineates horizontal conductors.

EMFlow was developed within the CRC-AMET through AMIRA research projects (Macnae et al, 1998, Macnae and Zonghou, 1998, Stolz and Macnae, 1998). The software has been commercialised by Encom Technology Pty Ltd. Examples of TEMPEST conductivity data can be seen in Lane et al. (2000), Lane et al. (1999), and Lane and Pracillio (2000).

6.2.5 System Specifications for Modelling TEMPEST Data

Differences between the specifications for the acquisition system, and those of the virtual system for which processed results are given, must be kept in mind when forward modelling, transforming or inverting TEMPEST data.

Acquisition is carried out with a 50% duty cycle square transmitter current waveform and dB/dt sensors.

During processing, TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter. Data are given in units of femtotesla (fT = 10^{-15} Tesla). It is this configuration, rather than the actual acquisition configuration, which must be specified when modelling TEMPEST data.

Window timing information is given above (see section 6.2.3).

6.2.5.1 Standard Height and Geometry

The “final” EM data have been standardised through an approximate transformation to a standard transmitter loop terrain clearance, transmitter loop pitch and roll of zero degrees, and a fixed transmitter loop to receiver coil geometry (roughly equal to the average “raw” geometry values). Transmitter loop pitch, transmitter loop roll and transmitter loop terrain clearance values for each observation have been modified to reflect the standard values. Hence, the “final” (fixed) geometry values should be used if modelling with the final X- and Z-component amplitude data - the following table summarises the values used to correct the transmitter height/pitch/roll/geometry to.

Table of values used to standardise transmitter loop height, pitch, roll and geometry

Variable	Standardised value
Transmitter loop pitch	0 degrees
Transmitter loop roll	0 degrees
Transmitter loop terrain clearance	120 metres
Transmitter loop – to – receiver coil geometry	120m behind & 30m below the aircraft (areas 2,4,5)
“ “ “ “ “ “ “	120m behind & 35m below the aircraft (areas 1,3,6)

6.2.5.2 Parallax

The located data files utilise the following parallax values :-

- magnetics = 0.6 fiducials (3 observations from the zero parallax position),
- radar altimeter = 0.6 fiducials (3 observations from the zero parallax position),
- EM X-component = 0.2 fiducials (1 observation from the zero parallax position),
- EM Z-component = 1.4 fiducials (7 observations from the zero parallax position),

These EM parallax values are optimised for aligning the EM response amplitudes for horizontal or broad steeply dipping conductors, which account for the majority of responses in regolith-dominated terrains such as this.

For optimum gridded display of the response for discrete vertical or narrow conductors, the following EM parallax values are appropriate :-

- EM X-component = 1.8 fiducials (9 observations from the zero parallax position, or 8 observations from the “horizontal” parallax position),
- EM Z-component = 0.6 fiducials (3 observations from the zero parallax position, or -4 observations from the “horizontal” parallax position).

(NB. Positive parallax values are defined in this case as shifting the indicated quantity back along line to smaller fiducial values. Location information remains in the zero parallax state.)

6.2.6 Depth to Basement Grid

One of the products of Fugro’s *C-in-3D* package is the depth to basement. It stems from the Unit Parameter suite (Lane 2000) and is simply an attempt to identify the point at which the conductivity drops away to expected background levels, in this case the resistive basement. A threshold conductivity is set based on local knowledge (drill logs, if available, or by inspecting the CDIs) which the program uses to delineate the most conductive body. The minimum threshold used here was 200mS/m for all areas. Results for the depth to basement parameter were then gridded and supplied in ER-mapper format.

6.2.7 Delivered Products

Appendix V contains a complete list of all data supplied.

7. REFERENCES

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APPENDIX I – Flight Plan

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JOB_Number 1805
CLIENT Toro Energy Limited
AREA_NAME Gawler, Area 1
PLANNED_BY KTL
SPHEROID 22 W.G.S_1984 6378137.0 298.257223563 0.9996
DELTAXYZ 0.0 0.0 0.0 0.0 0.0 0.0 0.0
HEMISPHERE SOUTH
UTM_ORIGIN 53 135 135
BOUNDARY 1 452223 6646670 -30.310801 +134.503084 -301838.9 +1343011.1 12
BOUNDARY 2 467170 6646670 -30.311299 +134.658538 -301840.7 +1343930.7 12
BOUNDARY 3 467170 6632811 -30.436366 +134.658104 -302610.9 +1343929.2 12
BOUNDARY 4 458874 6619330 -30.557755 +134.571180 -303327.9 +1343416.2 12
BOUNDARY 5 443330 6619330 -30.557121 +134.409104 -303325.6 +1342432.8 12
BOUNDARY 6 443330 6640000 -30.370605 +134.410229 -302214.2 +1342436.8 12
BOUNDARY 7 443330 6653340 -30.250229 +134.410949 -301500.8 +1342439.4 12
SQUARE_KMS 625.530
NAVTYPE NOVATEL
NAVMODE U.T.M
PLAN_TYPE Normal
LINE_TYPE S.LINE X.LINE 0 0
HEADING 0 90
SPACING 400 10000 400 400
OVER_LINE 1 1
OVERFLY 0 0
MIN_LENGTH 8 8
FIRST_LINE 10 10
INCREMENT 1 1
X_TRACK 100 100
MASTER_PT 1 452223 6646670 -30.310801 +134.503084
MASTER_NEW 0 Not implemented.
KM_IN_AREA 1548 66
KM+OVERFLY 1548 66

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JOB_Number 1805
CLIENT TORO Energy
AREA_NAME Gawler
PLANNED_BY gps2
SPHEROID 22 W.G.S_1984 6378137.0 298.257223563 0.9996
DELTAXYZ 0.0 0.0 0.0 0.0 0.0 0.0 0.0
HEMISPHERE SOUTH
UTM_ORIGIN 53 135 135
BOUNDARY 1 412270 6613270 -30.609926 +134.084758 -303635.7 +1340505.1 12
BOUNDARY 2 412270 6597730 -30.750136 +134.083435 -304500.5 +1340500.4 12
BOUNDARY 3 391730 6597730 -30.748442 +133.868873 -304454.4 +1335207.9 12
BOUNDARY 4 391730 6607270 -30.662374 +133.869877 -303944.5 +1335211.6 12
BOUNDARY 5 399730 6607270 -30.663073 +133.953369 -303947.1 +1335712.1 12
BOUNDARY 6 399730 6613270 -30.608940 +133.953952 -303632.2 +1335714.2 12
SQUARE_KMS 271.192
NAVTYPE NOVATEL
NAVMODE U.T.M
PLAN_TYPE Normal
LINE_TYPE S.LINE X.LINE 0 0
HEADING 90 180
SPACING 400 500000 400 400
OVER_LINE 1 1
OVERFLY 0 0
MIN_LENGTH 8 8
FIRST_LINE 10 10
INCREMENT 1 1
X_TRACK 100 100
MASTER_PT 1 412270 6613270 -30.609926 +134.084758
MASTER_NEW 0 Not implemented.
KM_IN_AREA 681 0
KM+OVERFLY 681 0

```

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JOB_Number      1805
CLIENT          Toro Energy
AREA_NAME       Gawler
PLANNED_BY      gps2
SPHEROID        22  W.G.S_1984 6378137.0 298.257223563 0.9996
DELTAXYZ        0.0 0.0 0.0 0.0 0.0 0.0 0.0
HEMISPHERE      SOUTH
UTM_ORIGIN      53   135   135
BOUNDARY        1   464785 6583270 -30.883328 +134.631574 -305260.0 +1343753.7 12
BOUNDARY        2   482055 6548730 -31.195375 +134.811642 -311143.4 +1344841.9 12
BOUNDARY        3   462215 6548730 -31.194902 +134.603398 -311141.6 +1343612.2 12
BOUNDARY        4   450730 6571700 -30.987222 +134.483972 -305914.0 +1342902.3 12
BOUNDARY        5   450730 6583270 -30.882826 +134.484533 -305258.2 +1342904.3 12
SQUARE_KMS      651.805
NAVTYPE         NOVATEL
NAVMODE         U.T.M
PLAN_TYPE       Normal
LINE_TYPE       S.LINE   X.LINE   0       0
HEADING         90       180
SPACING         1000     500000   1000     1000
OVER_LINE       1       1
OVERFLY         0       0
MIN_LENGTH      8       8
FIRST_LINE      10      10
INCREMENT       1       1
X_TRACK         100     100
MASTER_PT       1   464785 6583270 -30.883328 +134.631574
MASTER_NEW      0  Not implemented.
KM_IN_AREA      643     0
KM+OVERFLY      643     0

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JOB_Number      1805
CLIENT          TORO Energy
AREA_NAME       Gawler
PLANNED_BY      gps2
SPHEROID        22  W.G.S_1984 6378137.0 298.257223563 0.9996
DELTAXYZ        0.0 0.0 0.0 0.0 0.0 0.0 0.0
HEMISPHERE      SOUTH
UTM_ORIGIN      53   135   135
BOUNDARY        1   448270 6570270 -31.000019 +134.458136 -310000.1 +1342729.3 12
BOUNDARY        2   448270 6524270 -31.415055 +134.455764 -312454.2 +1342720.8 12
BOUNDARY        3   457270 6524270 -31.415422 +134.550448 -312455.5 +1343301.6 12
BOUNDARY        4   457270 6505730 -31.582695 +134.549647 -313457.7 +1343258.7 12
BOUNDARY        5   429730 6505730 -31.581342 +134.259405 -313452.8 +1341533.9 12
BOUNDARY        6   429730 6528270 -31.377991 +134.261005 -312240.8 +1341539.6 12
BOUNDARY        7   435730 6528270 -31.378339 +134.324100 -312242.0 +1341926.8 12
BOUNDARY        8   435730 6570270 -30.999401 +134.326788 -305957.8 +1341936.4 12
SQUARE_KMS      1111.432
NAVTYPE         NOVATEL
NAVMODE         U.T.M
PLAN_TYPE       Normal
LINE_TYPE       S.LINE   X.LINE   0       0
HEADING         90       180
SPACING         1000     500000   1000     1000
OVER_LINE       1       1
OVERFLY         0       0
MIN_LENGTH      8       8
FIRST_LINE      10      10
INCREMENT       1       1
X_TRACK         100     100
MASTER_PT       1   448270 6570270 -31.000019 +134.458136
MASTER_NEW      0  Not implemented.
KM_IN_AREA      1124     0
KM+OVERFLY      1124     0

```



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JOB_Number      1805
CLIENT          Toro Energy Ltd
AREA_NAME       5
PLANNED_BY      gps2
SPHEROID        22  W.G.S_1984 6378137.0 298.257223563 0.9996
DELTAXYZ        0.0 0.0 0.0 0.0 0.0 0.0 0.0
HEMISPHERE      SOUTH
UTM_ORIGIN      53   135   135
BOUNDARY        1   475270 6543270 -31.244516 +134.740290 -311440.3 +1344425.0 12
BOUNDARY        2   475270 6523730 -31.420819 +134.739806 -312514.9 +1344423.3 12
BOUNDARY        3   447730 6523730 -31.419903 +134.450055 -312511.7 +1342700.2 12
BOUNDARY        4   447730 6543270 -31.243606 +134.451079 -311437.0 +1342703.9 12
SQUARE_KMS      538.132
NAVTYPE         NOVATEL
NAVMODE         U.T.M
PLAN_TYPE       Normal
LINE_TYPE       S.LINE   X.LINE   0       0
HEADING         0       90
SPACING         1000    10000    1000    1000
OVER_LINE       1       1
OVERFLY         0       0
MIN_LENGTH      8       8
FIRST_LINE      10      10
INCREMENT       1       1
X_TRACK         100     100
MASTER_PT       1   475270 6543270 -31.244516 +134.740290
MASTER_NEW      0 Not implemented.
KM_IN_AREA      547     0
KM+OVERFLY      547     0

```

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JOB_Number      1805
CLIENT          Toro Energy
AREA_NAME       Gawler
PLANNED_BY      gps2
SPHEROID        22  W.G.S_1984 6378137.0 298.257223563 0.9996
DELTAXYZ        0.0 0.0 0.0 0.0 0.0 0.0 0.0
HEMISPHERE      SOUTH
UTM_ORIGIN      53   135   135
BOUNDARY        1   493270 6490270 -31.722953 +134.928962 -314322.6 +1345544.3 12
BOUNDARY        2   493270 6474730 -31.863157 +134.928855 -315147.4 +1345543.9 12
BOUNDARY        3   456730 6474730 -31.862354 +134.542584 -315144.5 +1343233.3 12
BOUNDARY        4   456730 6490270 -31.722155 +134.543274 -314319.8 +1343235.8 12
SQUARE_KMS      567.832
NAVTYPE         NOVATEL
NAVMODE         U.T.M
PLAN_TYPE       Normal
LINE_TYPE       S.LINE   X.LINE   0       0
HEADING         0       90
SPACING         1000    10000    1000    1000
OVER_LINE       1       1
OVERFLY         0       0
MIN_LENGTH      8       8
FIRST_LINE      10      10
INCREMENT       1       1
X_TRACK         100     100
MASTER_PT       1   493270 6490270 -31.722953 +134.928962
MASTER_NEW      0 Not implemented.
KM_IN_AREA      575     0
KM+OVERFLY      575     0

```

APPENDIX II – Weekly Acquisition Reports

Week Commencing:	Monday 24-Jul-06	Aircraft:	VH - TEM	Operators:	John Stewart	Pilots:	Tim Haldane	Melanie Cote
Job Number:	1805	Base:	Cedua SA	Data Proc:	Matt Noteboom, Halim Nadir	Techs:	John Stewart	
Total km:	5173.5	Country:	Australia	Crew Leader:	John Stewart	Client:	Toro Energy	
		Area Name:	Gawler 1,2,3,4,5	Accorn:	BP Highway One Motel	Contact #:	0408923889 / 0408923889	

Date		Flight Number	Crew		Time		M/R		Oil		Fuel		This Flight		To Date		Standby (0, 0.5, 1)	Comments
			Plt(s)	Op	T/O	Land	Hrs	L	R	BURN	Prod	Refly	Prod	Refly				
Monday	24-Jul-06	NA																Weather: Remarks:
Julian	205																	
Day	1					Hours Today	0.0				0.0	0.0	0.0	0.0				Safety Meeting:
Tuesday	25-Jul-06	1	T.H. M.E	A.C	8:32	13:45	5.2			1997	710.0							Weather:Cloudy Some Wind Remarks:Some coil knocks
Julian	206																	
Day	2					Hours Today	5.2				710.0	0.0	710.0	0.0				Safety Meeting:No new issues
Wednesday	26-Jul-06	2	T.H. M.E	A.C	8:18	13:40	5.4			1972	729.0							Weather: Fine some turbulence Remarks: Production pending QC
Julian	207																	
Day	3					Hours Today	5.4				729.0	0.0	1439.0	0.0				Safety Meeting:No new issues
Thursday	27-Jul-06		T.H. M.E	J. S.														Weather:Clear and Windy Remarks: Pilot Rest Day, Some Aircraft Maintenance
Julian	208																	
Day	4					Hours Today	0.0				0.0	0.0	1439.0	0.0				Safety Meeting:No new issues
Friday	28-Jul-06		T.H. M.E	J. S.													1.0	Weather: Cludy and Some Rain Overnight, Too Windy for Survey. Remarks: Standby
Julian	209																	
Day	5					Hours Today	0.0				0.0	0.0	1439.0	0.0				Safety Meeting:No new issues
Saturday	29-Jul-06	3	T.H. M.E	J. S.	8:30	13:45	5.3			2134	172.8	22.0						Weather: Clear, Winds Increased to Moderate during Flight Remarks: Completed Area #1, Flew Lines 1050 - 1059, Relight Ln 1017.1.
Julian	210																	
Day	6					Hours Today	5.3				172.8	22.0	1611.8	22.0				Safety Meeting: No new issues
Sunday	30-Jul-06		T.H. M.E	J. S.														Weather:Clear, Winds Increased to Moderate during Flight Remarks: Awaiting OK to Fly Other Areas.
Julian	211																	
Day	7					Hours Today	0.0				0.0	0.0	1611.8	22.0				Safety Meeting: No new issues
Total Job Hours		15.8	Weekly Totals				15.8	0	0	6103	1611.8	22.0	Total Standby			1.0		
			Total Aircraft Hours					Ltrs/Hr		385	% Complete			31.2 %				
			Hours to Next Periodic					Running Avg		230.3 km/day	km Remaining			3561.7 km				
			Anticipated Hours Next week							101.8 km/hr								
Survey Equipment Problems:																		

Week Commencing: **Monday 21-Aug-06**

Aircraft: VH - TEM
Base: Cedua SA
Country: Australia
Area Name: Gawler 1,2,3,4,5

Operators: John Stewart
Data Proc: Matt Noteboom, Halim Nadir
Crew Leader: John Stewart
Accom: BP Highway One Motel

Pilots: Tim Haldane Melanie Cote
Techs: John Stewart
Client: Toro Energy
Contact #: 0408923889 / 0408923889

Job Number: 1805
Total km: 5173.5

Date	Flight Number	Crew		Time		M/R		Oil		Fuel		This Flight		To Date		Standby (0, 0.5, 1)	Comments
		Plt(s)	Op	T/O	Land	Hrs	L	R	L	Added	Prod	Refly	Prod	Refly			
Monday 21-Aug-06	4	TH MC	JS	7:30	13:12	5.7						574.5					Weather: Scattered Fog in Morning, SW Winds Increased Remarks: Tried to Fly Test Lines but could not Due Fog.
Julian Day 233 29															2186.3	22.0	Safety Meeting: No new issues
Tuesday 22-Aug-06		TH MC	JS			5.7						574.5	0.0			1.0	Weather: SW Winds Increased, Low Clouds Remarks: Aircraft Problem , Low Cloud and Wind Developed
Julian Day 234 30															2186.3	22.0	Safety Meeting: No new issues
Wednesday 23-Aug-06	5	TH MC	JS	10:10	13:50	3.7						110.0					Weather: High Level Clouds, Winds to 12 Knots, Light Rain Showers. Remarks: TEW Repaired. Flew Repeat Test Line in Area #1.
Julian Day 235 31												110.0	0.0		2296.3	22.0	Safety Meeting: No new issues
Thursday 24-Aug-06		TH MC	JS													1.0	Weather: , Low Clouds, Winds to 12 Knots, Rain Showers. Remarks: No Survey Due Weather
Julian Day 236 32												0.0	0.0		2296.3	22.0	Safety Meeting: No new issues
Friday 25-Aug-06	6	TH MC	JS	8:50	14:45	5.9						640.0	29.0				Weather: 7/8 Cloud, Temp 10-17, Moderate Wind Remarks: Reflight in Area #2,Area #4 Lns 4001 - 4048
Julian Day 237 33															2936.3	51.0	Safety Meeting: No new issues
Saturday 26-Aug-06	7	TH MC	JS	8:30	14:24	5.9						840.0					Weather: 7/8 Cloud at 300' , Temp 10-17, Moderate Wind Remarks:
Julian Day 238 34															3776.3	51.0	Safety Meeting: No new issues
Sunday 27-Aug-06	8	TH MC	JS	8:10	12:00	3.8						640.0					Weather: Fog Over Water, Winds Increased Remarks: Area #5 Complete, Started on Area #3 Had Some EM Lock Ups
Julian Day 239 35															4416.3	51.0	Safety Meeting: No new issues
Total Job Hours		Weekly Totals				25.0	0	0	0	0	2804.5	29.0	Total Standby		2.0		
		Total Aircraft Hours					Ltrs/Hr		0		400.6 km/day		% Complete		85.4 %		
		Hours to Next Periodic				10.3	Running Avg		112.1 km/hr		112.1 km/hr		km Remaining		757.2 km		
		Anticipated Hours Next week															

Survey Equipment Problems:

Week Commencing: **Monday 28-Aug-06**

Aircraft: VH - TEM
Base: Cedua SA
Country: Australia

Operators: John Stewart
Data Proc: Matt Noteboom, Halim Nadir
Crew Leader: John Stewart

Pilots: Tim Haldane Melanie Cote
Techs: John Stewart
Client: Toro Energy

Total km: 5173.5

Area Name: Gawler 1,2,3,4,5

Accom: BP Highway One Motel

Contact #: 0408923889 / 0408923889

Date	Flight Number		Crew		Time		M/R		Oil		Fuel		This Flight		To Date		Standby (0, 0.5, 1)	Comments
	Pit(s)	Op	TH	MC	T/O	Land	Hrs	L	R	Added	Prod	Refly	Prod	Refly	Prod	Refly		
Monday 28-Aug-06	9	JS			8:06	13:30	5.4				620.0							Weather: Remarks:
Julian Day 240 36																		Safety Meeting: No new issues
Tuesday 29-Aug-06	10	JS					5.4				620.0	0.0			5036.3	51.0		Weather: Remarks:Survey Complete
Julian Day 241 37											138.0							Safety Meeting: No new issues
Wednesday 30-Aug-06							0.0				138.0	0.0			5174.3	51.0		Weather: Remarks:
Julian Day 242 38																		Safety Meeting:
Thursday 31-Aug-06							0.0				0.0	0.0			5174.3	51.0		Weather: Remarks:
Julian Day 243 39																		Safety Meeting:
Friday 1-Sep-06							0.0				0.0	0.0			5174.3	51.0		Weather: Remarks:
Julian Day 244 40																		Safety Meeting:
Saturday 2-Sep-06							0.0				0.0	0.0			5174.3	51.0		Weather: Remarks:
Julian Day 245 41																		Safety Meeting:
Sunday 3-Sep-06							0.0				0.0	0.0			5174.3	51.0		Weather: Remarks:
Julian Day 246 42																		Safety Meeting:
Total Job Hours																	0.0	
Weekly Totals																	3.0	
Total Aircraft Hours																	100.0	
Hours to Next Periodic																	-0.8	
Anticipated Hours Next week																		
Running Avg																	140.4 km/hr	
108.3 km/day																		
Total Standby																		
% Complete																		
km Remaining																		

Survey Equipment Problems:

APPENDIX III – Flight Summary (Line Listing)

AREA 1

Total number of lines : 62

Flt	Line	Start X	Start Y	End X	End Y	Kms
1	10010	443671	6619298	443676	6653078	33.78
1	10020	444070	6652832	444073	6619359	33.47
1	10030	444476	6619322	444476	6652484	33.16
1	10040	444888	6652161	444879	6619354	32.81
1	10050	445274	6619291	445288	6651856	32.57
1	10060	445670	6651613	445697	6619343	32.27
1	10070	446082	6619325	446091	6651243	31.92
1	10080	446483	6650981	446476	6619338	31.64
1	10090	446879	6619317	446881	6650672	31.35
1	10100	447303	6650351	447281	6619369	30.98
1	10110	447680	6619308	447677	6650035	30.73
1	10120	448081	6649781	448081	6619347	30.43
1	10130	448474	6619322	448486	6649459	30.14
1	10140	448873	6649185	448878	6619361	29.82
1	10150	449278	6619322	449290	6648867	29.55
1	10160	449671	6648574	449682	6619327	29.25
3	10171	450080	6619289	450074	6648275	28.99
1	10180	450499	6648021	450483	6619355	28.67
1	10190	450882	6619321	450880	6647673	28.35
1	10200	451253	6647441	451283	6619321	28.12
1	10210	451684	6619339	451678	6647063	27.72
2	10220	452080	6646818	452079	6619352	27.47
2	10230	452479	6619308	452479	6646635	27.33
2	10240	452892	6646677	452885	6619369	27.31
2	10250	453273	6619299	453283	6646645	27.35
2	10260	453698	6646723	453682	6619333	27.39
2	10270	454085	6619291	454072	6646666	27.38
2	10280	454505	6646687	454480	6619345	27.34
2	10290	454877	6619332	454883	6646645	27.31
2	10300	455302	6646669	455279	6619342	27.33
2	10310	455672	6619297	455674	6646674	27.38
2	10320	456104	6646657	456078	6619329	27.33
2	10330	456470	6619315	456478	6646665	27.35
2	10340	456858	6646710	456879	6619387	27.32
2	10350	457275	6619337	457282	6646662	27.33
2	10360	457665	6646667	457683	6619380	27.29
2	10370	458071	6619318	458066	6646629	27.31
2	10380	458473	6646697	458477	6619370	27.33
2	10390	458876	6619313	458888	6646623	27.31
2	10400	459252	6646670	459281	6620007	26.66
2	10410	459674	6620629	459683	6646624	26.00
2	10420	460090	6646727	460083	6621285	25.44
2	10430	460477	6621893	460477	6646676	24.78
2	10440	460879	6646719	460882	6622638	24.08
2	10450	461279	6623202	461281	6646665	23.46
2	10460	461681	6646703	461676	6623898	22.81
2	10470	462083	6624555	462084	6646673	22.12
2	10480	462467	6646665	462490	6625220	21.45
2	10490	462885	6625860	462884	6646654	20.79
3	10500	463285	6646658	463270	6626510	20.15
3	10510	463639	6627068	463691	6646662	19.59
3	10520	464070	6646657	464081	6627828	18.83
3	10530	464469	6628376	464478	6646654	18.28
3	10540	464879	6646691	464881	6629082	17.61
3	10550	465280	6629708	465275	6646654	16.95
3	10560	465676	6646695	465681	6630412	16.28
3	10570	466076	6631004	466078	6646651	15.65
3	10580	466482	6646695	466482	6631706	14.99
3	10590	466874	6632342	466881	6646638	14.30
1	17010	467169	6643348	443363	6643344	23.81

1	17020	443299	6633345	467127	6633340	23.83
1	17030	461285	6623240	443343	6623340	17.94

Total Kilometres : 1613.63

AREA 2

Total number of lines : 39

Flt	Line	Start X	Start Y	End X	End Y	Kms
4	20010	412689	6613129	399347	6613134	13.34
4	20020	399299	6612730	412654	6612717	13.36
4	20030	412672	6612296	399362	6612330	13.31
4	20040	399320	6611915	412635	6611907	13.32
4	20050	412705	6611559	399382	6611513	13.32
4	20060	399331	6611104	412657	6611118	13.33
4	20070	412655	6610716	399319	6610722	13.34
4	20080	399305	6610288	412641	6610315	13.34
4	20090	412684	6609911	399330	6609997	13.35
4	20100	399284	6609516	412618	6609519	13.33
4	20110	412680	6609092	399317	6609127	13.36
4	20120	399315	6608711	412669	6608713	13.35
4	20130	412657	6608328	399317	6608325	13.34
4	20140	399308	6607903	412641	6607925	13.33
4	20150	412723	6607520	391321	6607522	21.40
4	20160	391283	6607101	412677	6607122	21.39
4	20170	412661	6606714	391353	6606723	21.31
4	20180	391308	6606340	412658	6606327	21.35
4	20190	412695	6605911	391326	6605932	21.37
4	20200	391318	6605511	412635	6605512	21.32
4	20213	412721	6605121	391368	6605117	21.35
4	20220	391340	6604707	412643	6604716	21.30
4	20231	412715	6604324	391377	6604313	21.34
4	20240	391285	6603905	412655	6603904	21.37
4	20250	412690	6603526	391333	6603516	21.36
4	20260	391300	6603122	412661	6603104	21.36
4	20270	412658	6602721	391382	6602747	21.28
4	20280	391282	6602311	412633	6602315	21.35
4	20290	412673	6601914	391356	6601933	21.32
4	20300	391300	6601497	412625	6601499	21.33
4	20310	412695	6601145	391320	6601131	21.38
4	20320	391313	6600705	412644	6600717	21.33
4	20330	412709	6600307	391377	6600310	21.33
4	20340	391282	6599913	412640	6599901	21.36
5	20351	412699	6599523	391368	6599515	21.33
5	20360	391288	6599113	412623	6599118	21.33
5	20370	412696	6598723	391322	6598718	21.37
5	20380	391314	6598303	412665	6598324	21.35
6	20392	412680	6597955	391375	6597918	21.31

Total Kilometres : 720.30

AREA 3

Total number of lines : 34

Flt	Line	Start X	Start Y	End X	End Y	Kms
9	30010	465177	6582512	450766	6582502	14.41
9	30020	450688	6581514	465684	6581493	15.00
9	30030	466196	6580512	450716	6580491	15.48
9	30040	450693	6579488	466668	6579494	15.98
9	30050	467208	6578514	450735	6578504	16.47
9	30060	450719	6577497	467681	6577501	16.96
9	30070	468221	6576490	450727	6576483	17.49
9	30080	450735	6575503	468644	6575502	17.91
9	30090	469183	6574507	450748	6574506	18.43
9	30100	450710	6573473	469645	6573500	18.94
9	30110	470190	6572508	450761	6572508	19.43
9	30120	450781	6571506	470641	6571503	19.86
9	30130	471170	6570506	451344	6570507	19.83
9	30140	451824	6569509	471661	6569509	19.84
9	30150	472175	6568509	452383	6568501	19.79
9	30160	452811	6567513	472651	6567516	19.84
9	30170	473194	6566505	453366	6566499	19.83
9	30180	453810	6565480	473625	6565502	19.82
9	30190	474158	6564526	454346	6564506	19.81
9	30200	454825	6563484	474666	6563492	19.84
9	30210	475187	6562509	455360	6562496	19.83
9	30223	455783	6561500	475653	6561503	19.87
8	30230	476229	6560485	456350	6560491	19.88
8	30240	456800	6559509	476644	6559490	19.84
8	30250	477196	6558505	457332	6558492	19.86
8	30260	457805	6557499	477641	6557496	19.84
8	30270	478201	6556501	458374	6556490	19.83
8	30280	458838	6555494	478614	6555502	19.78
8	30290	479214	6554485	459327	6554490	19.89
8	30300	459786	6553519	479624	6553491	19.84
8	30310	480189	6552501	460346	6552501	19.84
8	30320	460785	6551495	480654	6551490	19.87
8	30330	481193	6550510	461369	6550501	19.82
8	30340	461828	6549500	481638	6549493	19.81

Total Kilometres : 642.74

AREA 4

Total number of lines : 65

Flt	Line	Start X	Start Y	End X	End Y	Kms
6	40010	435668	6570103	448276	6570097	12.61
6	40020	448377	6569162	435689	6569099	12.69
6	40030	435628	6568072	448308	6568104	12.68
6	40040	448308	6567071	435682	6567100	12.63
6	40050	435683	6566099	448297	6566094	12.61
6	40060	448357	6565161	435716	6565108	12.64
6	40070	435692	6564104	448303	6564100	12.61
6	40080	448343	6563106	435708	6563091	12.64
6	40090	435680	6562100	448313	6562130	12.63
6	40100	448365	6561101	435698	6561112	12.67
6	40110	435658	6560099	448296	6560108	12.64
6	40120	448325	6559083	435719	6559086	12.61
6	40130	435657	6558107	448313	6558088	12.66
6	40140	448315	6557095	435708	6557099	12.61
6	40150	435685	6556107	448308	6556091	12.62
6	40160	448317	6555081	435698	6555087	12.62
6	40170	435635	6554085	448311	6554101	12.68
6	40180	448347	6553096	435711	6553115	12.64
6	40190	435650	6552104	448301	6552114	12.65
6	40200	448322	6551103	435687	6551095	12.64

6	40210	435656	6550103	448303	6550095	12.65
6	40220	448337	6549116	435669	6549096	12.67
6	40230	435660	6548090	448314	6548102	12.65
6	40240	448331	6547106	435719	6547085	12.61
6	40250	435650	6546101	448308	6546101	12.66
6	40260	448348	6545132	435683	6545113	12.67
6	40270	435682	6544090	448271	6544104	12.59
6	40280	448325	6543073	435715	6543100	12.61
6	40290	435647	6542108	448286	6542082	12.64
6	40300	448335	6541119	435696	6541085	12.64
6	40310	435653	6540089	448282	6540094	12.63
6	40320	448309	6539099	435699	6539093	12.61
6	40330	435653	6538101	448317	6538090	12.66
6	40340	448326	6537110	435717	6537088	12.61
6	40350	435672	6536115	448289	6536094	12.62
6	40360	448366	6535103	435725	6535108	12.64
6	40370	435687	6534080	448306	6534088	12.62
6	40380	448310	6533112	435700	6533098	12.61
6	40390	435688	6532101	448304	6532099	12.62
6	40400	448315	6531089	435710	6531091	12.60
6	40410	435644	6530081	448309	6530096	12.67
6	40420	448341	6529118	435725	6529102	12.62
6	40430	429677	6528106	448321	6528093	18.64
6	40440	448331	6527096	429688	6527089	18.64
6	40450	429674	6526107	448291	6526079	18.62
6	40460	448370	6525101	429679	6525093	18.69
6	40470	429638	6524092	457326	6524113	27.69
6	40480	457338	6523094	429691	6523118	27.65
7	40490	429683	6522080	457304	6522089	27.62
7	40500	457321	6521102	429724	6521096	27.60
7	40510	429638	6520102	457327	6520107	27.69
7	40520	457354	6519093	429691	6519096	27.66
7	40530	429677	6518100	457298	6518095	27.62
7	40540	457307	6517089	429731	6517096	27.58
7	40550	429661	6516097	457311	6516094	27.65
7	40560	457336	6515095	429729	6515100	27.61
7	40570	429664	6514090	457312	6514090	27.65
7	40580	457337	6513113	429701	6513091	27.64
7	40590	429629	6512098	457314	6512106	27.69
7	40600	457350	6511099	429674	6511104	27.68
7	40610	429690	6510097	457295	6510114	27.61
7	40620	457306	6509105	429727	6509097	27.58
7	40630	429683	6508092	457318	6508106	27.64
7	40640	457350	6507110	429701	6507095	27.65
7	40650	429634	6506105	457327	6506108	27.69

Total Kilometres : 1130.39

AREA 5

Total number of lines : 28

Flt	Line	Start X	Start Y	End X	End Y	Kms
8	50010	447999	6543341	448002	6523728	19.61
8	50020	449079	6523639	449007	6543304	19.67
8	50030	450007	6543344	449992	6523708	19.64
8	50040	450992	6523659	450998	6543284	19.62
8	50050	452012	6543365	451994	6523671	19.69
8	50060	452979	6523632	452995	6543308	19.68
8	50070	454005	6543309	454006	6523691	19.62
8	50080	454974	6523635	454994	6543276	19.64
7	50090	456002	6543314	455994	6523694	19.62
7	50100	456994	6523668	457010	6543282	19.61
7	50110	458004	6543351	458009	6523728	19.62
7	50120	459012	6523671	458995	6543305	19.63
7	50130	459987	6543313	459999	6523717	19.60
7	50140	460998	6523665	461029	6543303	19.64
7	50150	461981	6543338	462001	6523723	19.62
7	50160	462997	6523631	462992	6543323	19.69
7	50170	463947	6543337	464007	6523683	19.65
7	50180	465005	6523663	465014	6543298	19.64
7	50190	465993	6543355	466009	6523714	19.64
7	50200	466991	6523673	466986	6543313	19.64
7	50210	467997	6543340	467995	6523690	19.65
7	50220	468989	6523679	469000	6543285	19.61
7	50230	469999	6543316	469999	6523729	19.59
7	50240	471002	6523658	470997	6543300	19.64
7	50250	472019	6543308	471996	6523672	19.64
7	50260	472990	6523687	472996	6543295	19.61
7	50270	474019	6543342	473998	6523698	19.64
7	50280	475005	6523668	475013	6543307	19.64

Total Kilometres : 549.78

AREA 6

Total number of lines : 37

Flt	Line	Start X	Start Y	End X	End Y	Kms
9	60010	456989	6490349	457008	6474724	15.63
9	60020	458009	6474645	458000	6490269	15.62
9	60030	458986	6490368	458986	6474678	15.69
9	60040	460030	6474688	460007	6490283	15.60
9	60050	460995	6490323	461000	6474701	15.62
9	60060	461989	6474630	462002	6490279	15.65
9	60070	463000	6490338	463024	6474699	15.64
9	60080	463963	6474643	464001	6490307	15.66
9	60090	465002	6490325	464994	6474725	15.60
9	60100	465992	6474643	465999	6490305	15.66
9	60110	466981	6490328	466995	6474672	15.66
9	60120	467993	6474626	467998	6490291	15.67
9	60130	468942	6490361	468990	6474718	15.64
9	60140	469981	6474669	469997	6490268	15.60
9	60150	471008	6490327	470997	6474690	15.64
10	60162	472010	6474686	472010	6490286	15.60
9	60170	472981	6490366	472970	6474689	15.68
10	60180	474008	6474632	473996	6490272	15.64
10	60190	475029	6490326	475002	6474705	15.62
10	60200	476056	6474681	476001	6490327	15.65
10	60210	477037	6490359	476993	6474719	15.64
10	60220	478006	6474653	477993	6490323	15.67
10	60230	479007	6490331	478999	6474714	15.62
10	60240	479997	6474664	479993	6490307	15.64
10	60250	480990	6490363	481001	6474716	15.65
10	60260	482000	6474682	482005	6490325	15.64
10	60270	482971	6490333	483012	6474678	15.66
10	60280	484013	6474659	484018	6490290	15.63
10	60290	484985	6490311	485004	6474729	15.58
10	60300	485988	6474646	486012	6490290	15.64
10	60310	486995	6490311	487003	6474676	15.64
10	60320	488005	6474626	488024	6490302	15.68
10	60330	489016	6490333	489000	6474729	15.60
10	60340	490007	6474675	490000	6490320	15.65
10	60350	490999	6490353	491002	6474670	15.68
10	60360	492023	6474652	492012	6490281	15.63
10	60370	493003	6490361	492990	6474689	15.67

Total Kilometres : 578.67

APPENDIX IV – Located Data Format

Headers for final data file

GAWLER AREA 1

JOB NUMBER: 1805
 AREA NUMBER: 1
 SURVEY COMPANY: Fugro Airborne Surveys
 CLIENT: Toro Energy Limited
 SURVEY TYPE: 25Hz TEMPEST Survey
 AREA NAME: Gawler
 STATE: SA
 COUNTRY: Australia
 SURVEY FLOWN: July 2006
 LOCATED DATA CREATED: 3 Oct 2006

DATUM: GDA94
 PROJECTION: MGA
 ZONE: 53

SURVEY SPECIFICATIONS

TRAVERSE LINE SPACING: 400 m
 TRAVERSE LINE DIRECTION: 000–180 deg
 TIE LINE SPACING: 10000 m
 TIE LINE DIRECTION: 090–270 deg
 NOMINAL TERRAIN CLEARANCE: 120 m
 FINAL LINE KILOMETRES: 1613.6 km

LINE NUMBERING

TRAVERSE LINE NUMBERS: 10010 – 10590
 TIE LINE NUMBERS: 17010 – 17030

AREA BOUNDARY (WGS84, UTM53)

444000	6652000
452000	6646000
466500	6646000
466500	6633000
458500	6620000
444000	6620000
444000	6640000

SURVEY EQUIPMENT

AIRCRAFT: CASA C212 Turbo Prop, VH-TEM

MAGNETOMETER: Scintrex Cs-2 Cesium Vapour
 INSTALLATION: stinger mount
 RESOLUTION: 0.001 nT
 RECORDING INTERVAL: 0.2 s

ELECTROMAGNETIC SYSTEM: 25Hz TEMPEST
 INSTALLATION: Transmitter loop mounted on the aircraft
 Receiver coils in a towed bird

COIL ORIENTATION: X,Z
 RECORDING INTERVAL: 0.2 s
 SYSTEM GEOMETRY:
 RECEIVER DISTANCE BEHIND THE TRANSMITTER: -120 m
 RECEIVER DISTANCE BELOW THE TRANSMITTER: -35 m

RADAR ALTIMETER: Sperry RT-220
 RECORDING INTERVAL: 0.2 s

NAVIGATION: real-time differential GPS

RECORDING INTERVAL: 1.0 s

ACQUISITION SYSTEM: PDAS-1000

DATA PROCESSING

MAGNETIC DATA

DIURNAL BASE VALUE APPLIED 56120 nT
 PARALLAX CORRECTION APPLIED 0.6 s
 IGRF BASE VALUE APPLIED 56473 nT
 IGRF MODEL 2005 EXTRAPOLATED TO 2006.6
 DATA HAVE BEEN MICROLEVELLED

ELECTROMAGNETIC DATA

SYSTEM PARALLAX REMOVED, AS FOLLOWS

X-COMPONENT EM DATA 0.2 s
 Z-COMPONENT EM DATA 1.4 s

DATA CORRECTED FOR TRANSMITTER HEIGHT, PITCH AND ROLL

DATA CORRECTED FOR TRANSMITTER-RECEIVER GEOMETRY VARIATIONS

DATA HAVE BEEN MICROLEVELLED

CONDUCTIVITY DEPTH INVERSION CALCULATED EMFlow V5.10

CONDUCTIVITIES CALCULATED USING corrected EM DATA

DIGITAL TERRAIN DATA

PARALLAX CORRECTION APPLIED TO RADAR ALIMETER DATA 0.6 s

PARALLAX CORRECTION APPLIED TO GPS ALIMETER DATA 0.0 s

DTM CALCULATED [DTM = GPS ALTITUDE - RADAR ALTITUDE]

DATA HAVE BEEN MICROLEVELLED

 The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process. Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

ELECTROMAGNETIC SYSTEM

TEMPEST IS A TIME-DOMAIN SQUARE-WAVE SYSTEM,
 TRANSMITTING AT A BASE FREQUENCY OF 25Hz,
 WITH 2 ORTHOGONAL-AXIS RECEIVER COILS IN A TOWED BIRD.
 FINAL EM OUTPUT IS RECORDED 5 TIMES PER SECOND.
 THE TIMES (IN MILLISECONDS) FOR THE 15 WINDOWS ARE:

WINDOW	START	END	CENTRE
1	0.007	0.020	0.013
2	0.033	0.047	0.040
3	0.060	0.073	0.067
4	0.087	0.127	0.107
5	0.140	0.207	0.173
6	0.220	0.340	0.280
7	0.353	0.553	0.453
8	0.567	0.873	0.720
9	0.887	1.353	1.120
10	1.367	2.100	1.733
11	2.113	3.273	2.693
12	3.287	5.113	4.200
13	5.127	7.993	6.560
14	8.007	12.393	10.200
15	12.407	19.993	16.200

PULSE WIDTH: 10 ms

TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter. It is this configuration, rather than the actual acquisition configuration, which must be specified when modelling TEMPEST data.

LOCATED DATA FORMAT

Output field format : DOS - Flat ascii
Number of fields : 198

Field	Channel	Description	Units	Undefined	Format
----	-----	-----	----	-----	-----
1	LINE	Line		-9999999	i6
2	FLIGHT	Flight		-9999999	i4
3	FID	Fiducial	(s)	-9999999	f8.1
4	LATITUDE	Latitude GDA94	(deg)	-9999999	f13.6
5	LONGITUDE	Longitude GDA94	(deg)	-9999999	f13.6
6	EASTING	Easting MGA53	(m)	-9999999	f11.2
7	NORTHING	Northing MGA53	(m)	-9999999	f12.2
8	TxHeight	GPS height	(m)	-9999999	f8.2
9	Baro	Barometric Altitude	(m)	-9999999	f8.2
10	TxRalt_raw	Raw Radar Altimeter	(m)	-9999999	f8.2
11	TxRalt_final	Final Radar Altimeter	(m)	-9999999	f8.2
12	DTM	DTM	(m)	-9999999	f8.2
13	MAG	Compensated TMI	(nT)	-9999999	f10.3
14	MAG_1VD	Levelled TMI 1VD	(nT/m)	-9999999	f12.5
15	Pitch_Raw	Raw Tx loop pitch	(deg)	-9999999	f10.5
16	Roll_Raw	Raw Tx loop roll	(deg)	-9999999	f10.5
17	HSep_Raw	Raw Tx-Rx horizontal separation	(m)	-9999999	f8.2
18	VSep_Raw	Raw Tx-Rx vertical separation	(m)	-9999999	f8.2
19	Pitch_Final	Final Tx loop pitch	(deg)	-9999999	f10.5
20	Roll_Final	Final Tx loop roll	(deg)	-9999999	f10.5
21	HSep_Final	Final Tx-Rx horizontal separation	(m)	-9999999	f8.2
22	VSep_Final	Final Tx-Rx vertical separation	(m)	-9999999	f8.2
23	EMX_Raw[1]	Raw EMX01 Window	(fT)	-9999999	f12.6
24	EMX_Raw[2]	Raw EMX02 Window	(fT)	-9999999	f12.6
25	EMX_Raw[3]	Raw EMX03 Window	(fT)	-9999999	f12.6
26	EMX_Raw[4]	Raw EMX04 Window	(fT)	-9999999	f12.6
27	EMX_Raw[5]	Raw EMX05 Window	(fT)	-9999999	f12.6
28	EMX_Raw[6]	Raw EMX06 Window	(fT)	-9999999	f12.6
29	EMX_Raw[7]	Raw EMX07 Window	(fT)	-9999999	f12.6
30	EMX_Raw[8]	Raw EMX08 Window	(fT)	-9999999	f12.6
31	EMX_Raw[9]	Raw EMX09 Window	(fT)	-9999999	f12.6
32	EMX_Raw[10]	Raw EMX10 Window	(fT)	-9999999	f12.6
33	EMX_Raw[11]	Raw EMX11 Window	(fT)	-9999999	f12.6
34	EMX_Raw[12]	Raw EMX12 Window	(fT)	-9999999	f12.6
35	EMX_Raw[13]	Raw EMX13 Window	(fT)	-9999999	f12.6
36	EMX_Raw[14]	Raw EMX14 Window	(fT)	-9999999	f12.6
37	EMX_Raw[15]	Raw EMX15 Window	(fT)	-9999999	f12.6
38	EMX_Final[1]	Final EMX01 Window	(fT)	-9999999	f12.6
39	EMX_Final[2]	Final EMX02 Window	(fT)	-9999999	f12.6
40	EMX_Final[3]	Final EMX03 Window	(fT)	-9999999	f12.6
41	EMX_Final[4]	Final EMX04 Window	(fT)	-9999999	f12.6
42	EMX_Final[5]	Final EMX05 Window	(fT)	-9999999	f12.6
43	EMX_Final[6]	Final EMX06 Window	(fT)	-9999999	f12.6
44	EMX_Final[7]	Final EMX07 Window	(fT)	-9999999	f12.6
45	EMX_Final[8]	Final EMX08 Window	(fT)	-9999999	f12.6
46	EMX_Final[9]	Final EMX09 Window	(fT)	-9999999	f12.6
47	EMX_Final[10]	Final EMX10 Window	(fT)	-9999999	f12.6
48	EMX_Final[11]	Final EMX11 Window	(fT)	-9999999	f12.6
49	EMX_Final[12]	Final EMX12 Window	(fT)	-9999999	f12.6
50	EMX_Final[13]	Final EMX13 Window	(fT)	-9999999	f12.6
51	EMX_Final[14]	Final EMX14 Window	(fT)	-9999999	f12.6
52	EMX_Final[15]	Final EMX15 Window	(fT)	-9999999	f12.6
53	X_Sferics	X_Sferics		-9999999	f10.3
54	X_Lowfreq	X_Lowfreq		-9999999	f10.3

55	X_Powerline	X_Powerline			-9999999	f10.3
56	X_VLF1	X_18.2kHz			-9999999	f10.3
57	X_VLF2	X_19.8kHz			-9999999	f10.3
58	X_VLF3	X_21.4kHz			-9999999	f10.3
59	X_VLF4	X_22.2kHz			-9999999	f10.3
60	X_Geofact	X_Geometric factor			-9999999	f10.3
61	EMZ_Raw[1]	Raw EMZ01 Window	(fT)		-9999999	f12.6
62	EMZ_Raw[2]	Raw EMZ02 Window	(fT)		-9999999	f12.6
63	EMZ_Raw[3]	Raw EMZ03 Window	(fT)		-9999999	f12.6
64	EMZ_Raw[4]	Raw EMZ04 Window	(fT)		-9999999	f12.6
65	EMZ_Raw[5]	Raw EMZ05 Window	(fT)		-9999999	f12.6
66	EMZ_Raw[6]	Raw EMZ06 Window	(fT)		-9999999	f12.6
67	EMZ_Raw[7]	Raw EMZ07 Window	(fT)		-9999999	f12.6
68	EMZ_Raw[8]	Raw EMZ08 Window	(fT)		-9999999	f12.6
69	EMZ_Raw[9]	Raw EMZ09 Window	(fT)		-9999999	f12.6
70	EMZ_Raw[10]	Raw EMZ10 Window	(fT)		-9999999	f12.6
71	EMZ_Raw[11]	Raw EMZ11 Window	(fT)		-9999999	f12.6
72	EMZ_Raw[12]	Raw EMZ12 Window	(fT)		-9999999	f12.6
73	EMZ_Raw[13]	Raw EMZ13 Window	(fT)		-9999999	f12.6
74	EMZ_Raw[14]	Raw EMZ14 Window	(fT)		-9999999	f12.6
75	EMZ_Raw[15]	Raw EMZ15 Window	(fT)		-9999999	f12.6
76	EMZ_Final[1]	Final EMZ01 Window	(fT)		-9999999	f12.6
77	EMZ_Final[2]	Final EMZ02 Window	(fT)		-9999999	f12.6
78	EMZ_Final[3]	Final EMZ03 Window	(fT)		-9999999	f12.6
79	EMZ_Final[4]	Final EMZ04 Window	(fT)		-9999999	f12.6
80	EMZ_Final[5]	Final EMZ05 Window	(fT)		-9999999	f12.6
81	EMZ_Final[6]	Final EMZ06 Window	(fT)		-9999999	f12.6
82	EMZ_Final[7]	Final EMZ07 Window	(fT)		-9999999	f12.6
83	EMZ_Final[8]	Final EMZ08 Window	(fT)		-9999999	f12.6
84	EMZ_Final[9]	Final EMZ09 Window	(fT)		-9999999	f12.6
85	EMZ_Final[10]	Final EMZ10 Window	(fT)		-9999999	f12.6
86	EMZ_Final[11]	Final EMZ11 Window	(fT)		-9999999	f12.6
87	EMZ_Final[12]	Final EMZ12 Window	(fT)		-9999999	f12.6
88	EMZ_Final[13]	Final EMZ13 Window	(fT)		-9999999	f12.6
89	EMZ_Final[14]	Final EMZ14 Window	(fT)		-9999999	f12.6
90	EMZ_Final[15]	Final EMZ15 Window	(fT)		-9999999	f12.6
91	Z_Sferics	Z_Sferics			-9999999	f10.3
92	Z_Lowfreq	Z_Lowfreq			-9999999	f10.3
93	Z_Powerline	Z_Powerline			-9999999	f10.3
94	Z_VLF1	Z_18.2kHz			-9999999	f10.3
95	Z_VLF2	Z_19.8kHz			-9999999	f10.3
96	Z_VLF3	Z_21.4kHz			-9999999	f10.3
97	Z_VLF4	Z_22.2kHz			-9999999	f10.3
98	Z_Geofact	Z_Geometric factor			-9999999	f10.3
99	CNDZ[1]	Conductivity_Z001	0– 5 m	(mS/m)	-9999999	f10.3
100	CNDZ[2]	Conductivity_Z002	5– 10 m	(mS/m)	-9999999	f10.3
101	CNDZ[3]	Conductivity_Z003	10– 15 m	(mS/m)	-9999999	f10.3
102	CNDZ[4]	Conductivity_Z004	15– 20 m	(mS/m)	-9999999	f10.3
103	CNDZ[5]	Conductivity_Z005	20– 25 m	(mS/m)	-9999999	f10.3
104	CNDZ[6]	Conductivity_Z006	25– 30 m	(mS/m)	-9999999	f10.3
105	CNDZ[7]	Conductivity_Z007	30– 35 m	(mS/m)	-9999999	f10.3
106	CNDZ[8]	Conductivity_Z008	35– 40 m	(mS/m)	-9999999	f10.3
107	CNDZ[9]	Conductivity_Z009	40– 45 m	(mS/m)	-9999999	f10.3
108	CNDZ[10]	Conductivity_Z010	45– 50 m	(mS/m)	-9999999	f10.3
109	CNDZ[11]	Conductivity_Z011	50– 55 m	(mS/m)	-9999999	f10.3
110	CNDZ[12]	Conductivity_Z012	55– 60 m	(mS/m)	-9999999	f10.3
111	CNDZ[13]	Conductivity_Z013	60– 65 m	(mS/m)	-9999999	f10.3
112	CNDZ[14]	Conductivity_Z014	65– 70 m	(mS/m)	-9999999	f10.3
113	CNDZ[15]	Conductivity_Z015	70– 75 m	(mS/m)	-9999999	f10.3
114	CNDZ[16]	Conductivity_Z016	75– 80 m	(mS/m)	-9999999	f10.3
115	CNDZ[17]	Conductivity_Z017	80– 85 m	(mS/m)	-9999999	f10.3
116	CNDZ[18]	Conductivity_Z018	85– 90 m	(mS/m)	-9999999	f10.3
117	CNDZ[19]	Conductivity_Z019	90– 95 m	(mS/m)	-9999999	f10.3
118	CNDZ[20]	Conductivity_Z020	95–100 m	(mS/m)	-9999999	f10.3
119	CNDZ[21]	Conductivity_Z021	100–105 m	(mS/m)	-9999999	f10.3
120	CNDZ[22]	Conductivity_Z022	105–110 m	(mS/m)	-9999999	f10.3
121	CNDZ[23]	Conductivity_Z023	110–115 m	(mS/m)	-9999999	f10.3
122	CNDZ[24]	Conductivity_Z024	115–120 m	(mS/m)	-9999999	f10.3
123	CNDZ[25]	Conductivity_Z025	120–125 m	(mS/m)	-9999999	f10.3
124	CNDZ[26]	Conductivity_Z026	125–130 m	(mS/m)	-9999999	f10.3
125	CNDZ[27]	Conductivity_Z027	130–135 m	(mS/m)	-9999999	f10.3

126	CNDZ [28]	Conductivity_Z028	135-140 m	(mS/m)	-9999999	f10.3
127	CNDZ [29]	Conductivity_Z029	140-145 m	(mS/m)	-9999999	f10.3
128	CNDZ [30]	Conductivity_Z030	145-150 m	(mS/m)	-9999999	f10.3
129	CNDZ [31]	Conductivity_Z031	150-155 m	(mS/m)	-9999999	f10.3
130	CNDZ [32]	Conductivity_Z032	155-160 m	(mS/m)	-9999999	f10.3
131	CNDZ [33]	Conductivity_Z033	160-165 m	(mS/m)	-9999999	f10.3
132	CNDZ [34]	Conductivity_Z034	165-170 m	(mS/m)	-9999999	f10.3
133	CNDZ [35]	Conductivity_Z035	170-175 m	(mS/m)	-9999999	f10.3
134	CNDZ [36]	Conductivity_Z036	175-180 m	(mS/m)	-9999999	f10.3
135	CNDZ [37]	Conductivity_Z037	180-185 m	(mS/m)	-9999999	f10.3
136	CNDZ [38]	Conductivity_Z038	185-190 m	(mS/m)	-9999999	f10.3
137	CNDZ [39]	Conductivity_Z039	190-195 m	(mS/m)	-9999999	f10.3
138	CNDZ [40]	Conductivity_Z040	195-200 m	(mS/m)	-9999999	f10.3
139	CNDZ [41]	Conductivity_Z041	200-205 m	(mS/m)	-9999999	f10.3
140	CNDZ [42]	Conductivity_Z042	205-210 m	(mS/m)	-9999999	f10.3
141	CNDZ [43]	Conductivity_Z043	210-215 m	(mS/m)	-9999999	f10.3
142	CNDZ [44]	Conductivity_Z044	215-220 m	(mS/m)	-9999999	f10.3
143	CNDZ [45]	Conductivity_Z045	220-225 m	(mS/m)	-9999999	f10.3
144	CNDZ [46]	Conductivity_Z046	225-230 m	(mS/m)	-9999999	f10.3
145	CNDZ [47]	Conductivity_Z047	230-235 m	(mS/m)	-9999999	f10.3
146	CNDZ [48]	Conductivity_Z048	235-240 m	(mS/m)	-9999999	f10.3
147	CNDZ [49]	Conductivity_Z049	240-245 m	(mS/m)	-9999999	f10.3
148	CNDZ [50]	Conductivity_Z050	245-250 m	(mS/m)	-9999999	f10.3
149	CNDZ [51]	Conductivity_Z051	250-255 m	(mS/m)	-9999999	f10.3
150	CNDZ [52]	Conductivity_Z052	255-260 m	(mS/m)	-9999999	f10.3
151	CNDZ [53]	Conductivity_Z053	260-265 m	(mS/m)	-9999999	f10.3
152	CNDZ [54]	Conductivity_Z054	265-270 m	(mS/m)	-9999999	f10.3
153	CNDZ [55]	Conductivity_Z055	270-275 m	(mS/m)	-9999999	f10.3
154	CNDZ [56]	Conductivity_Z056	275-280 m	(mS/m)	-9999999	f10.3
155	CNDZ [57]	Conductivity_Z057	280-285 m	(mS/m)	-9999999	f10.3
156	CNDZ [58]	Conductivity_Z058	285-290 m	(mS/m)	-9999999	f10.3
157	CNDZ [59]	Conductivity_Z059	290-295 m	(mS/m)	-9999999	f10.3
158	CNDZ [60]	Conductivity_Z060	295-300 m	(mS/m)	-9999999	f10.3
159	CNDZ [61]	Conductivity_Z061	300-305 m	(mS/m)	-9999999	f10.3
160	CNDZ [62]	Conductivity_Z062	305-310 m	(mS/m)	-9999999	f10.3
161	CNDZ [63]	Conductivity_Z063	310-315 m	(mS/m)	-9999999	f10.3
162	CNDZ [64]	Conductivity_Z064	315-320 m	(mS/m)	-9999999	f10.3
163	CNDZ [65]	Conductivity_Z065	320-325 m	(mS/m)	-9999999	f10.3
164	CNDZ [66]	Conductivity_Z066	325-330 m	(mS/m)	-9999999	f10.3
165	CNDZ [67]	Conductivity_Z067	330-335 m	(mS/m)	-9999999	f10.3
166	CNDZ [68]	Conductivity_Z068	335-340 m	(mS/m)	-9999999	f10.3
167	CNDZ [69]	Conductivity_Z069	340-345 m	(mS/m)	-9999999	f10.3
168	CNDZ [70]	Conductivity_Z070	345-350 m	(mS/m)	-9999999	f10.3
169	CNDZ [71]	Conductivity_Z071	350-355 m	(mS/m)	-9999999	f10.3
170	CNDZ [72]	Conductivity_Z072	355-360 m	(mS/m)	-9999999	f10.3
171	CNDZ [73]	Conductivity_Z073	360-365 m	(mS/m)	-9999999	f10.3
172	CNDZ [74]	Conductivity_Z074	365-370 m	(mS/m)	-9999999	f10.3
173	CNDZ [75]	Conductivity_Z075	370-375 m	(mS/m)	-9999999	f10.3
174	CNDZ [76]	Conductivity_Z076	375-380 m	(mS/m)	-9999999	f10.3
175	CNDZ [77]	Conductivity_Z077	380-385 m	(mS/m)	-9999999	f10.3
176	CNDZ [78]	Conductivity_Z078	385-390 m	(mS/m)	-9999999	f10.3
177	CNDZ [79]	Conductivity_Z079	390-395 m	(mS/m)	-9999999	f10.3
178	CNDZ [80]	Conductivity_Z080	395-400 m	(mS/m)	-9999999	f10.3
179	CNDZ [81]	Conductivity_Z081	400-405 m	(mS/m)	-9999999	f10.3
180	CNDZ [82]	Conductivity_Z082	405-410 m	(mS/m)	-9999999	f10.3
181	CNDZ [83]	Conductivity_Z083	410-415 m	(mS/m)	-9999999	f10.3
182	CNDZ [84]	Conductivity_Z084	415-420 m	(mS/m)	-9999999	f10.3
183	CNDZ [85]	Conductivity_Z085	420-425 m	(mS/m)	-9999999	f10.3
184	CNDZ [86]	Conductivity_Z086	425-430 m	(mS/m)	-9999999	f10.3
185	CNDZ [87]	Conductivity_Z087	430-435 m	(mS/m)	-9999999	f10.3
186	CNDZ [88]	Conductivity_Z088	435-440 m	(mS/m)	-9999999	f10.3
187	CNDZ [89]	Conductivity_Z089	440-445 m	(mS/m)	-9999999	f10.3
188	CNDZ [90]	Conductivity_Z090	445-450 m	(mS/m)	-9999999	f10.3
189	CNDZ [91]	Conductivity_Z091	450-455 m	(mS/m)	-9999999	f10.3
190	CNDZ [92]	Conductivity_Z092	455-460 m	(mS/m)	-9999999	f10.3
191	CNDZ [93]	Conductivity_Z093	460-465 m	(mS/m)	-9999999	f10.3
192	CNDZ [94]	Conductivity_Z094	465-470 m	(mS/m)	-9999999	f10.3
193	CNDZ [95]	Conductivity_Z095	470-475 m	(mS/m)	-9999999	f10.3
194	CNDZ [96]	Conductivity_Z096	475-480 m	(mS/m)	-9999999	f10.3
195	CNDZ [97]	Conductivity_Z097	480-485 m	(mS/m)	-9999999	f10.3
196	CNDZ [98]	Conductivity_Z098	485-490 m	(mS/m)	-9999999	f10.3

197	CNDZ[99]	Conductivity_Z099	490-495 m	(mS/m)	-9999999	f10.3
198	CNDZ[100]	Conductivity_Z100	495-500 m	(mS/m)	-9999999	f10.3

GAWLER AREA 2

JOB NUMBER:	1805
AREA NUMBER:	2
SURVEY COMPANY:	Fugro Airborne Surveys
CLIENT:	Toro Energy
SURVEY TYPE:	25Hz TEMPEST Survey
AREA NAME:	Gawler
STATE:	SA
COUNTRY:	Australia
SURVEY FLOWN:	August 2006
LOCATED DATA CREATED:	3 Oct 2006

DATUM:	GDA94
PROJECTION:	MGA
ZONE:	53

SURVEY SPECIFICATIONS

TRAVERSE LINE SPACING:	400 m
TRAVERSE LINE DIRECTION:	090-270 deg
NOMINAL TERRAIN CLEARANCE:	120 m
FINAL LINE KILOMETRES:	679.5 km

LINE NUMBERING

TRAVERSE LINE NUMBERS:	20010 – 20392

AREA BOUNDARY (WGS84, UTM53)

400000	6613000
412000	6613000
412000	6598000
392000	6598000
392000	6607000
400000	6607000

SURVEY EQUIPMENT

AIRCRAFT:	CASA C212 Turbo Prop, VH-TEM

MAGNETOMETER:	Scintrex Cs-2 Cesium Vapour
INSTALLATION:	stinger mount
RESOLUTION:	0.001 nT
RECORDING INTERVAL:	0.2 s

ELECTROMAGNETIC SYSTEM:	25Hz TEMPEST
INSTALLATION:	Transmitter loop mounted on the aircraft Receiver coils in a towed bird

COIL ORIENTATION:	X,Z
RECORDING INTERVAL:	0.2 s
SYSTEM GEOMETRY:	
RECEIVER DISTANCE BEHIND THE TRANSMITTER:	-120 m
RECEIVER DISTANCE BELOW THE TRANSMITTER:	-30 m

RADAR ALTIMETER:	Sperry RT-220
RECORDING INTERVAL:	0.2 s

NAVIGATION:	real-time differential GPS
RECORDING INTERVAL:	1.0 s

ACQUISITION SYSTEM:	PDAS-1000

DATA PROCESSING

MAGNETIC DATA

DIURNAL BASE VALUE APPLIED	56120 nT
PARALLAX CORRECTION APPLIED	0.6 s
IGRF BASE VALUE APPLIED	56473 nT
IGRF MODEL 2005 EXTRAPOLATED TO	2006.6

ELECTROMAGNETIC DATA

SYSTEM PARALLAX REMOVED, AS FOLLOWS

X-COMPONENT EM DATA	0.2 s
Z-COMPONENT EM DATA	1.4 s

DATA CORRECTED FOR TRANSMITTER HEIGHT, PITCH AND ROLL

DATA CORRECTED FOR TRANSMITTER-RECEIVER GEOMETRY VARIATIONS

DATA HAVE BEEN MICROLEVELLED

CONDUCTIVITY DEPTH INVERSION CALCULATED EMFlow V5.10

CONDUCTIVITIES CALCULATED USING corrected EM DATA

DIGITAL TERRAIN DATA

PARALLAX CORRECTION APPLIED TO RADAR ALIMETER DATA 0.6 s

PARALLAX CORRECTION APPLIED TO GPS ALIMETER DATA 0.0 s

DTM CALCULATED [DTM = GPS ALTITUDE - RADAR ALTITUDE]

DATA HAVE BEEN MICROLEVELLED

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process. Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

ELECTROMAGNETIC SYSTEM

TEMPEST IS A TIME-DOMAIN SQUARE-WAVE SYSTEM,
TRANSMITTING AT A BASE FREQUENCY OF 25Hz,
WITH 2 ORTHOGONAL-AXIS RECEIVER COILS IN A TOWED BIRD.
FINAL EM OUTPUT IS RECORDED 5 TIMES PER SECOND.
THE TIMES (IN MILLISECONDS) FOR THE 15 WINDOWS ARE:

WINDOW	START	END	CENTRE
1	0.007	0.020	0.013
2	0.033	0.047	0.040
3	0.060	0.073	0.067
4	0.087	0.127	0.107
5	0.140	0.207	0.173
6	0.220	0.340	0.280
7	0.353	0.553	0.453
8	0.567	0.873	0.720
9	0.887	1.353	1.120
10	1.367	2.100	1.733
11	2.113	3.273	2.693
12	3.287	5.113	4.200
13	5.127	7.993	6.560
14	8.007	12.393	10.200
15	12.407	19.993	16.200

PULSE WIDTH: 10 ms

TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in

current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter.
It is this configuration, rather than the actual acquisition
configuration, which must be specified when modelling TEMPEST data.

LOCATED DATA FORMAT

Output field format : DOS - Flat ascii
Number of fields : 198

Field	Channel	Description	Units	Undefined	Format
----	-----	-----	-----	-----	-----
1	LINE	Line		-9999999	i6
2	FLIGHT	Flight		-9999999	i4
3	FID	Fiducial	(s)	-9999999	f8.1
4	LATITUDE	Latitude GDA94	(deg)	-9999999	f13.6
5	LONGITUDE	Longitude GDA94	(deg)	-9999999	f13.6
6	EASTING	Easting MGA53	(m)	-9999999	f11.2
7	NORTHING	Northing MGA53	(m)	-9999999	f12.2
8	TxHeight	GPS height	(m)	-9999999	f8.2
9	Baro	Barometric Altitude	(m)	-9999999	f8.2
10	TxRalt_raw	Raw Radar Altimeter	(m)	-9999999	f8.2
11	TxRalt_final	Final Radar Altimeter	(m)	-9999999	f8.2
12	DTM	DTM	(m)	-9999999	f8.2
13	MAG	Compensated TMI	(nT)	-9999999	f10.3
14	MAG_1VD	Levelled TMI 1VD	(nT/m)	-9999999	f12.5
15	Pitch_Raw	Raw Tx loop pitch	(deg)	-9999999	f10.5
16	Roll_Raw	Raw Tx loop roll	(deg)	-9999999	f10.5
17	HSep_Raw	Raw Tx-Rx horizontal separation	(m)	-9999999	f8.2
18	VSep_Raw	Raw Tx-Rx vertical separation	(m)	-9999999	f8.2
19	Pitch_Final	Final Tx loop pitch	(deg)	-9999999	f10.5
20	Roll_Final	Final Tx loop roll	(deg)	-9999999	f10.5
21	HSep_Final	Final Tx-Rx horizontal separation	(m)	-9999999	f8.2
22	VSep_Final	Final Tx-Rx vertical separation	(m)	-9999999	f8.2
23	EMX_Raw[1]	Raw EMX01 Window	(fT)	-9999999	f12.6
24	EMX_Raw[2]	Raw EMX02 Window	(fT)	-9999999	f12.6
25	EMX_Raw[3]	Raw EMX03 Window	(fT)	-9999999	f12.6
26	EMX_Raw[4]	Raw EMX04 Window	(fT)	-9999999	f12.6
27	EMX_Raw[5]	Raw EMX05 Window	(fT)	-9999999	f12.6
28	EMX_Raw[6]	Raw EMX06 Window	(fT)	-9999999	f12.6
29	EMX_Raw[7]	Raw EMX07 Window	(fT)	-9999999	f12.6
30	EMX_Raw[8]	Raw EMX08 Window	(fT)	-9999999	f12.6
31	EMX_Raw[9]	Raw EMX09 Window	(fT)	-9999999	f12.6
32	EMX_Raw[10]	Raw EMX10 Window	(fT)	-9999999	f12.6
33	EMX_Raw[11]	Raw EMX11 Window	(fT)	-9999999	f12.6
34	EMX_Raw[12]	Raw EMX12 Window	(fT)	-9999999	f12.6
35	EMX_Raw[13]	Raw EMX13 Window	(fT)	-9999999	f12.6
36	EMX_Raw[14]	Raw EMX14 Window	(fT)	-9999999	f12.6
37	EMX_Raw[15]	Raw EMX15 Window	(fT)	-9999999	f12.6
38	EMX_Final[1]	Final EMX01 Window	(fT)	-9999999	f12.6
39	EMX_Final[2]	Final EMX02 Window	(fT)	-9999999	f12.6
40	EMX_Final[3]	Final EMX03 Window	(fT)	-9999999	f12.6
41	EMX_Final[4]	Final EMX04 Window	(fT)	-9999999	f12.6
42	EMX_Final[5]	Final EMX05 Window	(fT)	-9999999	f12.6
43	EMX_Final[6]	Final EMX06 Window	(fT)	-9999999	f12.6
44	EMX_Final[7]	Final EMX07 Window	(fT)	-9999999	f12.6
45	EMX_Final[8]	Final EMX08 Window	(fT)	-9999999	f12.6
46	EMX_Final[9]	Final EMX09 Window	(fT)	-9999999	f12.6
47	EMX_Final[10]	Final EMX10 Window	(fT)	-9999999	f12.6
48	EMX_Final[11]	Final EMX11 Window	(fT)	-9999999	f12.6
49	EMX_Final[12]	Final EMX12 Window	(fT)	-9999999	f12.6
50	EMX_Final[13]	Final EMX13 Window	(fT)	-9999999	f12.6
51	EMX_Final[14]	Final EMX14 Window	(fT)	-9999999	f12.6
52	EMX_Final[15]	Final EMX15 Window	(fT)	-9999999	f12.6
53	X_Sferics	X_Sferics		-9999999	f10.3
54	X_Lowfreq	X_Lowfreq		-9999999	f10.3
55	X_Powerline	X_Powerline		-9999999	f10.3
56	X_VLF1	X_18.2kHz		-9999999	f10.3
57	X_VLF2	X_19.8kHz		-9999999	f10.3

58	X_VLF3	X_21.4kHz		-9999999	f10.3
59	X_VLF4	X_22.2kHz		-9999999	f10.3
60	X_Geofact	X_Geometric factor		-9999999	f10.3
61	EMZ_Raw[1]	Raw EMZ01 Window	(fT)	-9999999	f12.6
62	EMZ_Raw[2]	Raw EMZ02 Window	(fT)	-9999999	f12.6
63	EMZ_Raw[3]	Raw EMZ03 Window	(fT)	-9999999	f12.6
64	EMZ_Raw[4]	Raw EMZ04 Window	(fT)	-9999999	f12.6
65	EMZ_Raw[5]	Raw EMZ05 Window	(fT)	-9999999	f12.6
66	EMZ_Raw[6]	Raw EMZ06 Window	(fT)	-9999999	f12.6
67	EMZ_Raw[7]	Raw EMZ07 Window	(fT)	-9999999	f12.6
68	EMZ_Raw[8]	Raw EMZ08 Window	(fT)	-9999999	f12.6
69	EMZ_Raw[9]	Raw EMZ09 Window	(fT)	-9999999	f12.6
70	EMZ_Raw[10]	Raw EMZ10 Window	(fT)	-9999999	f12.6
71	EMZ_Raw[11]	Raw EMZ11 Window	(fT)	-9999999	f12.6
72	EMZ_Raw[12]	Raw EMZ12 Window	(fT)	-9999999	f12.6
73	EMZ_Raw[13]	Raw EMZ13 Window	(fT)	-9999999	f12.6
74	EMZ_Raw[14]	Raw EMZ14 Window	(fT)	-9999999	f12.6
75	EMZ_Raw[15]	Raw EMZ15 Window	(fT)	-9999999	f12.6
76	EMZ_Final[1]	Final EMZ01 Window	(fT)	-9999999	f12.6
77	EMZ_Final[2]	Final EMZ02 Window	(fT)	-9999999	f12.6
78	EMZ_Final[3]	Final EMZ03 Window	(fT)	-9999999	f12.6
79	EMZ_Final[4]	Final EMZ04 Window	(fT)	-9999999	f12.6
80	EMZ_Final[5]	Final EMZ05 Window	(fT)	-9999999	f12.6
81	EMZ_Final[6]	Final EMZ06 Window	(fT)	-9999999	f12.6
82	EMZ_Final[7]	Final EMZ07 Window	(fT)	-9999999	f12.6
83	EMZ_Final[8]	Final EMZ08 Window	(fT)	-9999999	f12.6
84	EMZ_Final[9]	Final EMZ09 Window	(fT)	-9999999	f12.6
85	EMZ_Final[10]	Final EMZ10 Window	(fT)	-9999999	f12.6
86	EMZ_Final[11]	Final EMZ11 Window	(fT)	-9999999	f12.6
87	EMZ_Final[12]	Final EMZ12 Window	(fT)	-9999999	f12.6
88	EMZ_Final[13]	Final EMZ13 Window	(fT)	-9999999	f12.6
89	EMZ_Final[14]	Final EMZ14 Window	(fT)	-9999999	f12.6
90	EMZ_Final[15]	Final EMZ15 Window	(fT)	-9999999	f12.6
91	Z_Sferics	Z_Sferics		-9999999	f10.3
92	Z_Lowfreq	Z_Lowfreq		-9999999	f10.3
93	Z_Powerline	Z_Powerline		-9999999	f10.3
94	Z_VLF1	Z_18.2kHz		-9999999	f10.3
95	Z_VLF2	Z_19.8kHz		-9999999	f10.3
96	Z_VLF3	Z_21.4kHz		-9999999	f10.3
97	Z_VLF4	Z_22.2kHz		-9999999	f10.3
98	Z_Geofact	Z_Geometric factor		-9999999	f10.3
99	CNDZ[1]	Conductivity_Z001	0– 5 m (mS/m)	-9999999	f10.3
100	CNDZ[2]	Conductivity_Z002	5– 10 m (mS/m)	-9999999	f10.3
101	CNDZ[3]	Conductivity_Z003	10– 15 m (mS/m)	-9999999	f10.3
102	CNDZ[4]	Conductivity_Z004	15– 20 m (mS/m)	-9999999	f10.3
103	CNDZ[5]	Conductivity_Z005	20– 25 m (mS/m)	-9999999	f10.3
104	CNDZ[6]	Conductivity_Z006	25– 30 m (mS/m)	-9999999	f10.3
105	CNDZ[7]	Conductivity_Z007	30– 35 m (mS/m)	-9999999	f10.3
106	CNDZ[8]	Conductivity_Z008	35– 40 m (mS/m)	-9999999	f10.3
107	CNDZ[9]	Conductivity_Z009	40– 45 m (mS/m)	-9999999	f10.3
108	CNDZ[10]	Conductivity_Z010	45– 50 m (mS/m)	-9999999	f10.3
109	CNDZ[11]	Conductivity_Z011	50– 55 m (mS/m)	-9999999	f10.3
110	CNDZ[12]	Conductivity_Z012	55– 60 m (mS/m)	-9999999	f10.3
111	CNDZ[13]	Conductivity_Z013	60– 65 m (mS/m)	-9999999	f10.3
112	CNDZ[14]	Conductivity_Z014	65– 70 m (mS/m)	-9999999	f10.3
113	CNDZ[15]	Conductivity_Z015	70– 75 m (mS/m)	-9999999	f10.3
114	CNDZ[16]	Conductivity_Z016	75– 80 m (mS/m)	-9999999	f10.3
115	CNDZ[17]	Conductivity_Z017	80– 85 m (mS/m)	-9999999	f10.3
116	CNDZ[18]	Conductivity_Z018	85– 90 m (mS/m)	-9999999	f10.3
117	CNDZ[19]	Conductivity_Z019	90– 95 m (mS/m)	-9999999	f10.3
118	CNDZ[20]	Conductivity_Z020	95–100 m (mS/m)	-9999999	f10.3
119	CNDZ[21]	Conductivity_Z021	100–105 m (mS/m)	-9999999	f10.3
120	CNDZ[22]	Conductivity_Z022	105–110 m (mS/m)	-9999999	f10.3
121	CNDZ[23]	Conductivity_Z023	110–115 m (mS/m)	-9999999	f10.3
122	CNDZ[24]	Conductivity_Z024	115–120 m (mS/m)	-9999999	f10.3
123	CNDZ[25]	Conductivity_Z025	120–125 m (mS/m)	-9999999	f10.3
124	CNDZ[26]	Conductivity_Z026	125–130 m (mS/m)	-9999999	f10.3
125	CNDZ[27]	Conductivity_Z027	130–135 m (mS/m)	-9999999	f10.3
126	CNDZ[28]	Conductivity_Z028	135–140 m (mS/m)	-9999999	f10.3
127	CNDZ[29]	Conductivity_Z029	140–145 m (mS/m)	-9999999	f10.3
128	CNDZ[30]	Conductivity_Z030	145–150 m (mS/m)	-9999999	f10.3

129	CNDZ [31]	Conductivity_Z031	150-155 m	(mS/m)	-9999999	f10.3
130	CNDZ [32]	Conductivity_Z032	155-160 m	(mS/m)	-9999999	f10.3
131	CNDZ [33]	Conductivity_Z033	160-165 m	(mS/m)	-9999999	f10.3
132	CNDZ [34]	Conductivity_Z034	165-170 m	(mS/m)	-9999999	f10.3
133	CNDZ [35]	Conductivity_Z035	170-175 m	(mS/m)	-9999999	f10.3
134	CNDZ [36]	Conductivity_Z036	175-180 m	(mS/m)	-9999999	f10.3
135	CNDZ [37]	Conductivity_Z037	180-185 m	(mS/m)	-9999999	f10.3
136	CNDZ [38]	Conductivity_Z038	185-190 m	(mS/m)	-9999999	f10.3
137	CNDZ [39]	Conductivity_Z039	190-195 m	(mS/m)	-9999999	f10.3
138	CNDZ [40]	Conductivity_Z040	195-200 m	(mS/m)	-9999999	f10.3
139	CNDZ [41]	Conductivity_Z041	200-205 m	(mS/m)	-9999999	f10.3
140	CNDZ [42]	Conductivity_Z042	205-210 m	(mS/m)	-9999999	f10.3
141	CNDZ [43]	Conductivity_Z043	210-215 m	(mS/m)	-9999999	f10.3
142	CNDZ [44]	Conductivity_Z044	215-220 m	(mS/m)	-9999999	f10.3
143	CNDZ [45]	Conductivity_Z045	220-225 m	(mS/m)	-9999999	f10.3
144	CNDZ [46]	Conductivity_Z046	225-230 m	(mS/m)	-9999999	f10.3
145	CNDZ [47]	Conductivity_Z047	230-235 m	(mS/m)	-9999999	f10.3
146	CNDZ [48]	Conductivity_Z048	235-240 m	(mS/m)	-9999999	f10.3
147	CNDZ [49]	Conductivity_Z049	240-245 m	(mS/m)	-9999999	f10.3
148	CNDZ [50]	Conductivity_Z050	245-250 m	(mS/m)	-9999999	f10.3
149	CNDZ [51]	Conductivity_Z051	250-255 m	(mS/m)	-9999999	f10.3
150	CNDZ [52]	Conductivity_Z052	255-260 m	(mS/m)	-9999999	f10.3
151	CNDZ [53]	Conductivity_Z053	260-265 m	(mS/m)	-9999999	f10.3
152	CNDZ [54]	Conductivity_Z054	265-270 m	(mS/m)	-9999999	f10.3
153	CNDZ [55]	Conductivity_Z055	270-275 m	(mS/m)	-9999999	f10.3
154	CNDZ [56]	Conductivity_Z056	275-280 m	(mS/m)	-9999999	f10.3
155	CNDZ [57]	Conductivity_Z057	280-285 m	(mS/m)	-9999999	f10.3
156	CNDZ [58]	Conductivity_Z058	285-290 m	(mS/m)	-9999999	f10.3
157	CNDZ [59]	Conductivity_Z059	290-295 m	(mS/m)	-9999999	f10.3
158	CNDZ [60]	Conductivity_Z060	295-300 m	(mS/m)	-9999999	f10.3
159	CNDZ [61]	Conductivity_Z061	300-305 m	(mS/m)	-9999999	f10.3
160	CNDZ [62]	Conductivity_Z062	305-310 m	(mS/m)	-9999999	f10.3
161	CNDZ [63]	Conductivity_Z063	310-315 m	(mS/m)	-9999999	f10.3
162	CNDZ [64]	Conductivity_Z064	315-320 m	(mS/m)	-9999999	f10.3
163	CNDZ [65]	Conductivity_Z065	320-325 m	(mS/m)	-9999999	f10.3
164	CNDZ [66]	Conductivity_Z066	325-330 m	(mS/m)	-9999999	f10.3
165	CNDZ [67]	Conductivity_Z067	330-335 m	(mS/m)	-9999999	f10.3
166	CNDZ [68]	Conductivity_Z068	335-340 m	(mS/m)	-9999999	f10.3
167	CNDZ [69]	Conductivity_Z069	340-345 m	(mS/m)	-9999999	f10.3
168	CNDZ [70]	Conductivity_Z070	345-350 m	(mS/m)	-9999999	f10.3
169	CNDZ [71]	Conductivity_Z071	350-355 m	(mS/m)	-9999999	f10.3
170	CNDZ [72]	Conductivity_Z072	355-360 m	(mS/m)	-9999999	f10.3
171	CNDZ [73]	Conductivity_Z073	360-365 m	(mS/m)	-9999999	f10.3
172	CNDZ [74]	Conductivity_Z074	365-370 m	(mS/m)	-9999999	f10.3
173	CNDZ [75]	Conductivity_Z075	370-375 m	(mS/m)	-9999999	f10.3
174	CNDZ [76]	Conductivity_Z076	375-380 m	(mS/m)	-9999999	f10.3
175	CNDZ [77]	Conductivity_Z077	380-385 m	(mS/m)	-9999999	f10.3
176	CNDZ [78]	Conductivity_Z078	385-390 m	(mS/m)	-9999999	f10.3
177	CNDZ [79]	Conductivity_Z079	390-395 m	(mS/m)	-9999999	f10.3
178	CNDZ [80]	Conductivity_Z080	395-400 m	(mS/m)	-9999999	f10.3
179	CNDZ [81]	Conductivity_Z081	400-405 m	(mS/m)	-9999999	f10.3
180	CNDZ [82]	Conductivity_Z082	405-410 m	(mS/m)	-9999999	f10.3
181	CNDZ [83]	Conductivity_Z083	410-415 m	(mS/m)	-9999999	f10.3
182	CNDZ [84]	Conductivity_Z084	415-420 m	(mS/m)	-9999999	f10.3
183	CNDZ [85]	Conductivity_Z085	420-425 m	(mS/m)	-9999999	f10.3
184	CNDZ [86]	Conductivity_Z086	425-430 m	(mS/m)	-9999999	f10.3
185	CNDZ [87]	Conductivity_Z087	430-435 m	(mS/m)	-9999999	f10.3
186	CNDZ [88]	Conductivity_Z088	435-440 m	(mS/m)	-9999999	f10.3
187	CNDZ [89]	Conductivity_Z089	440-445 m	(mS/m)	-9999999	f10.3
188	CNDZ [90]	Conductivity_Z090	445-450 m	(mS/m)	-9999999	f10.3
189	CNDZ [91]	Conductivity_Z091	450-455 m	(mS/m)	-9999999	f10.3
190	CNDZ [92]	Conductivity_Z092	455-460 m	(mS/m)	-9999999	f10.3
191	CNDZ [93]	Conductivity_Z093	460-465 m	(mS/m)	-9999999	f10.3
192	CNDZ [94]	Conductivity_Z094	465-470 m	(mS/m)	-9999999	f10.3
193	CNDZ [95]	Conductivity_Z095	470-475 m	(mS/m)	-9999999	f10.3
194	CNDZ [96]	Conductivity_Z096	475-480 m	(mS/m)	-9999999	f10.3
195	CNDZ [97]	Conductivity_Z097	480-485 m	(mS/m)	-9999999	f10.3
196	CNDZ [98]	Conductivity_Z098	485-490 m	(mS/m)	-9999999	f10.3
197	CNDZ [99]	Conductivity_Z099	490-495 m	(mS/m)	-9999999	f10.3
198	CNDZ [100]	Conductivity_Z100	495-500 m	(mS/m)	-9999999	f10.3

GAWLER AREA 3

JOB NUMBER: 1805
AREA NUMBER: 3
SURVEY COMPANY: Fugro Airborne Surveys
CLIENT: Toro Energy
SURVEY TYPE: 25Hz TEMPEST Survey
AREA NAME: Gawler
STATE: SA
COUNTRY: Australia
SURVEY FLOWN: August 2006
LOCATED DATA CREATED: 3 Oct 2006

DATUM: GDA94
PROJECTION: MGA
ZONE: 53

SURVEY SPECIFICATIONS

TRAVERSE LINE SPACING: 400 m
TRAVERSE LINE DIRECTION: 090-270 deg
NOMINAL TERRAIN CLEARANCE: 120 m
FINAL LINE KILOMETRES: 641.3 km

LINE NUMBERING

TRAVERSE LINE NUMBERS: 30010 - 30340

AREA BOUNDARY (WGS84, UTM53)

452000	6582000
464000	6582000
480000	6550000
463000	6550000
452000	6572000
452000	6582000

SURVEY EQUIPMENT

AIRCRAFT: CASA C212 Turbo Prop, VH-TEM

MAGNETOMETER: Scintrex Cs-2 Cesium Vapour
INSTALLATION: stinger mount
RESOLUTION: 0.001 nT
RECORDING INTERVAL: 0.2 s

ELECTROMAGNETIC SYSTEM: 25Hz TEMPEST
INSTALLATION: Transmitter loop mounted on the aircraft
Receiver coils in a towed bird

COIL ORIENTATION: X,Z
RECORDING INTERVAL: 0.2 s
SYSTEM GEOMETRY:
RECEIVER DISTANCE BEHIND THE TRANSMITTER: -120 m
RECEIVER DISTANCE BELOW THE TRANSMITTER: -35 m

RADAR ALTIMETER: Sperry RT-220
RECORDING INTERVAL: 0.2 s

NAVIGATION: real-time differential GPS
RECORDING INTERVAL: 1.0 s

ACQUISITION SYSTEM: PDAS-1000

DATA PROCESSING

MAGNETIC DATA
DIURNAL BASE VALUE APPLIED 56120 nT
PARALLAX CORRECTION APPLIED 0.6 s
IGRF BASE VALUE APPLIED 56473 nT
IGRF MODEL 2005 EXTRAPOLATED TO 2006.6

ELECTROMAGNETIC DATA

SYSTEM PARALLAX REMOVED, AS FOLLOWS

X-COMPONENT EM DATA 0.2 s

Z-COMPONENT EM DATA 1.4 s

DATA CORRECTED FOR TRANSMITTER HEIGHT, PITCH AND ROLL

DATA CORRECTED FOR TRANSMITTER-RECEIVER GEOMETRY VARIATIONS

CONDUCTIVITY DEPTH INVERSION CALCULATED EMFlow V5.10

CONDUCTIVITIES CALCULATED USING corrected EM DATA

DIGITAL TERRAIN DATA

PARALLAX CORRECTION APPLIED TO RADAR ALIMETER DATA 0.6 s

PARALLAX CORRECTION APPLIED TO GPS ALIMETER DATA 0.0 s

DTM CALCULATED [DTM = GPS ALTITUDE - RADAR ALTITUDE]

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process. Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

ELECTROMAGNETIC SYSTEM

TEMPEST IS A TIME-DOMAIN SQUARE-WAVE SYSTEM,
TRANSMITTING AT A BASE FREQUENCY OF 25Hz,
WITH 2 ORTHOGONAL-AXIS RECEIVER COILS IN A TOWED BIRD.
FINAL EM OUTPUT IS RECORDED 5 TIMES PER SECOND.
THE TIMES (IN MILLISECONDS) FOR THE 15 WINDOWS ARE:

WINDOW	START	END	CENTRE
1	0.007	0.020	0.013
2	0.033	0.047	0.040
3	0.060	0.073	0.067
4	0.087	0.127	0.107
5	0.140	0.207	0.173
6	0.220	0.340	0.280
7	0.353	0.553	0.453
8	0.567	0.873	0.720
9	0.887	1.353	1.120
10	1.367	2.100	1.733
11	2.113	3.273	2.693
12	3.287	5.113	4.200
13	5.127	7.993	6.560
14	8.007	12.393	10.200
15	12.407	19.993	16.200

PULSE WIDTH: 10 ms

TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter. It is this configuration, rather than the actual acquisition configuration, which must be specified when modelling TEMPEST data.

LOCATED DATA FORMAT

Output field format : DOS - Flat ascii
Number of fields : 198

Field	Channel	Description	Units	Undefined	Format
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1	LINE	Line		-9999999	i6
2	FLIGHT	Flight		-9999999	i4
3	FID	Fiducial	(s)	-9999999	f8.1
4	LATITUDE	Latitude GDA94	(deg)	-9999999	f13.6
5	LONGITUDE	Longitude GDA94	(deg)	-9999999	f13.6
6	EASTING	Easting MGA53	(m)	-9999999	f11.2
7	NORTHING	Northing MGA53	(m)	-9999999	f12.2
8	TxHeight	GPS height	(m)	-9999999	f8.2
9	Baro	Barometric Altitude	(m)	-9999999	f8.2
10	TxRalt_raw	Raw Radar Altimeter	(m)	-9999999	f8.2
11	TxRalt_final	Final Radar Altimeter	(m)	-9999999	f8.2
12	DTM	DTM	(m)	-9999999	f8.2
13	MAG	Compensated TMI	(nT)	-9999999	f10.3
14	MAG_1VD	Levelled TMI 1VD	(nT/m)	-9999999	f12.5
15	Pitch_Raw	Raw Tx loop pitch	(deg)	-9999999	f10.5
16	Roll_Raw	Raw Tx loop roll	(deg)	-9999999	f10.5
17	HSep_Raw	Raw Tx-Rx horizontal separation	(m)	-9999999	f8.2
18	VSep_Raw	Raw Tx-Rx vertical separation	(m)	-9999999	f8.2
19	Pitch_Final	Final Tx loop pitch	(deg)	-9999999	f10.5
20	Roll_Final	Final Tx loop roll	(deg)	-9999999	f10.5
21	HSep_Final	Final Tx-Rx horizontal separation	(m)	-9999999	f8.2
22	VSep_Final	Final Tx-Rx vertical separation	(m)	-9999999	f8.2
23	EMX_Raw[1]	Raw EMX01 Window	(fT)	-9999999	f12.6
24	EMX_Raw[2]	Raw EMX02 Window	(fT)	-9999999	f12.6
25	EMX_Raw[3]	Raw EMX03 Window	(fT)	-9999999	f12.6
26	EMX_Raw[4]	Raw EMX04 Window	(fT)	-9999999	f12.6
27	EMX_Raw[5]	Raw EMX05 Window	(fT)	-9999999	f12.6
28	EMX_Raw[6]	Raw EMX06 Window	(fT)	-9999999	f12.6
29	EMX_Raw[7]	Raw EMX07 Window	(fT)	-9999999	f12.6
30	EMX_Raw[8]	Raw EMX08 Window	(fT)	-9999999	f12.6
31	EMX_Raw[9]	Raw EMX09 Window	(fT)	-9999999	f12.6
32	EMX_Raw[10]	Raw EMX10 Window	(fT)	-9999999	f12.6
33	EMX_Raw[11]	Raw EMX11 Window	(fT)	-9999999	f12.6
34	EMX_Raw[12]	Raw EMX12 Window	(fT)	-9999999	f12.6
35	EMX_Raw[13]	Raw EMX13 Window	(fT)	-9999999	f12.6
36	EMX_Raw[14]	Raw EMX14 Window	(fT)	-9999999	f12.6
37	EMX_Raw[15]	Raw EMX15 Window	(fT)	-9999999	f12.6
38	EMX_Final[1]	Final EMX01 Window	(fT)	-9999999	f12.6
39	EMX_Final[2]	Final EMX02 Window	(fT)	-9999999	f12.6
40	EMX_Final[3]	Final EMX03 Window	(fT)	-9999999	f12.6
41	EMX_Final[4]	Final EMX04 Window	(fT)	-9999999	f12.6
42	EMX_Final[5]	Final EMX05 Window	(fT)	-9999999	f12.6
43	EMX_Final[6]	Final EMX06 Window	(fT)	-9999999	f12.6
44	EMX_Final[7]	Final EMX07 Window	(fT)	-9999999	f12.6
45	EMX_Final[8]	Final EMX08 Window	(fT)	-9999999	f12.6
46	EMX_Final[9]	Final EMX09 Window	(fT)	-9999999	f12.6
47	EMX_Final[10]	Final EMX10 Window	(fT)	-9999999	f12.6
48	EMX_Final[11]	Final EMX11 Window	(fT)	-9999999	f12.6
49	EMX_Final[12]	Final EMX12 Window	(fT)	-9999999	f12.6
50	EMX_Final[13]	Final EMX13 Window	(fT)	-9999999	f12.6
51	EMX_Final[14]	Final EMX14 Window	(fT)	-9999999	f12.6
52	EMX_Final[15]	Final EMX15 Window	(fT)	-9999999	f12.6
53	X_Sferics	X_Sferics		-9999999	f10.3
54	X_Lowfreq	X_Lowfreq		-9999999	f10.3
55	X_Powerline	X_Powerline		-9999999	f10.3
56	X_VLF1	X_18.2kHz		-9999999	f10.3
57	X_VLF2	X_19.8kHz		-9999999	f10.3
58	X_VLF3	X_21.4kHz		-9999999	f10.3
59	X_VLF4	X_22.2kHz		-9999999	f10.3
60	X_Geofact	X_Geometric factor		-9999999	f10.3
61	EMZ_Raw[1]	Raw EMZ01 Window	(fT)	-9999999	f12.6
62	EMZ_Raw[2]	Raw EMZ02 Window	(fT)	-9999999	f12.6
63	EMZ_Raw[3]	Raw EMZ03 Window	(fT)	-9999999	f12.6
64	EMZ_Raw[4]	Raw EMZ04 Window	(fT)	-9999999	f12.6
65	EMZ_Raw[5]	Raw EMZ05 Window	(fT)	-9999999	f12.6
66	EMZ_Raw[6]	Raw EMZ06 Window	(fT)	-9999999	f12.6
67	EMZ_Raw[7]	Raw EMZ07 Window	(fT)	-9999999	f12.6
68	EMZ_Raw[8]	Raw EMZ08 Window	(fT)	-9999999	f12.6

69	EMZ_Raw[9]	Raw EMZ09 Window	(fT)	-9999999	f12.6
70	EMZ_Raw[10]	Raw EMZ10 Window	(fT)	-9999999	f12.6
71	EMZ_Raw[11]	Raw EMZ11 Window	(fT)	-9999999	f12.6
72	EMZ_Raw[12]	Raw EMZ12 Window	(fT)	-9999999	f12.6
73	EMZ_Raw[13]	Raw EMZ13 Window	(fT)	-9999999	f12.6
74	EMZ_Raw[14]	Raw EMZ14 Window	(fT)	-9999999	f12.6
75	EMZ_Raw[15]	Raw EMZ15 Window	(fT)	-9999999	f12.6
76	EMZ_Final[1]	Final EMZ01 Window	(fT)	-9999999	f12.6
77	EMZ_Final[2]	Final EMZ02 Window	(fT)	-9999999	f12.6
78	EMZ_Final[3]	Final EMZ03 Window	(fT)	-9999999	f12.6
79	EMZ_Final[4]	Final EMZ04 Window	(fT)	-9999999	f12.6
80	EMZ_Final[5]	Final EMZ05 Window	(fT)	-9999999	f12.6
81	EMZ_Final[6]	Final EMZ06 Window	(fT)	-9999999	f12.6
82	EMZ_Final[7]	Final EMZ07 Window	(fT)	-9999999	f12.6
83	EMZ_Final[8]	Final EMZ08 Window	(fT)	-9999999	f12.6
84	EMZ_Final[9]	Final EMZ09 Window	(fT)	-9999999	f12.6
85	EMZ_Final[10]	Final EMZ10 Window	(fT)	-9999999	f12.6
86	EMZ_Final[11]	Final EMZ11 Window	(fT)	-9999999	f12.6
87	EMZ_Final[12]	Final EMZ12 Window	(fT)	-9999999	f12.6
88	EMZ_Final[13]	Final EMZ13 Window	(fT)	-9999999	f12.6
89	EMZ_Final[14]	Final EMZ14 Window	(fT)	-9999999	f12.6
90	EMZ_Final[15]	Final EMZ15 Window	(fT)	-9999999	f12.6
91	Z_Sferics	Z_Sferics		-9999999	f10.3
92	Z_Lowfreq	Z_Lowfreq		-9999999	f10.3
93	Z_Powerline	Z_Powerline		-9999999	f10.3
94	Z_VLF1	Z_18.2kHz		-9999999	f10.3
95	Z_VLF2	Z_19.8kHz		-9999999	f10.3
96	Z_VLF3	Z_21.4kHz		-9999999	f10.3
97	Z_VLF4	Z_22.2kHz		-9999999	f10.3
98	Z_Geofact	Z_Geometric factor		-9999999	f10.3
99	CNDZ [1]	Conductivity_Z001	0- 5 m (mS/m)	-9999999	f10.3
100	CNDZ [2]	Conductivity_Z002	5- 10 m (mS/m)	-9999999	f10.3
101	CNDZ [3]	Conductivity_Z003	10- 15 m (mS/m)	-9999999	f10.3
102	CNDZ [4]	Conductivity_Z004	15- 20 m (mS/m)	-9999999	f10.3
103	CNDZ [5]	Conductivity_Z005	20- 25 m (mS/m)	-9999999	f10.3
104	CNDZ [6]	Conductivity_Z006	25- 30 m (mS/m)	-9999999	f10.3
105	CNDZ [7]	Conductivity_Z007	30- 35 m (mS/m)	-9999999	f10.3
106	CNDZ [8]	Conductivity_Z008	35- 40 m (mS/m)	-9999999	f10.3
107	CNDZ [9]	Conductivity_Z009	40- 45 m (mS/m)	-9999999	f10.3
108	CNDZ [10]	Conductivity_Z010	45- 50 m (mS/m)	-9999999	f10.3
109	CNDZ [11]	Conductivity_Z011	50- 55 m (mS/m)	-9999999	f10.3
110	CNDZ [12]	Conductivity_Z012	55- 60 m (mS/m)	-9999999	f10.3
111	CNDZ [13]	Conductivity_Z013	60- 65 m (mS/m)	-9999999	f10.3
112	CNDZ [14]	Conductivity_Z014	65- 70 m (mS/m)	-9999999	f10.3
113	CNDZ [15]	Conductivity_Z015	70- 75 m (mS/m)	-9999999	f10.3
114	CNDZ [16]	Conductivity_Z016	75- 80 m (mS/m)	-9999999	f10.3
115	CNDZ [17]	Conductivity_Z017	80- 85 m (mS/m)	-9999999	f10.3
116	CNDZ [18]	Conductivity_Z018	85- 90 m (mS/m)	-9999999	f10.3
117	CNDZ [19]	Conductivity_Z019	90- 95 m (mS/m)	-9999999	f10.3
118	CNDZ [20]	Conductivity_Z020	95-100 m (mS/m)	-9999999	f10.3
119	CNDZ [21]	Conductivity_Z021	100-105 m (mS/m)	-9999999	f10.3
120	CNDZ [22]	Conductivity_Z022	105-110 m (mS/m)	-9999999	f10.3
121	CNDZ [23]	Conductivity_Z023	110-115 m (mS/m)	-9999999	f10.3
122	CNDZ [24]	Conductivity_Z024	115-120 m (mS/m)	-9999999	f10.3
123	CNDZ [25]	Conductivity_Z025	120-125 m (mS/m)	-9999999	f10.3
124	CNDZ [26]	Conductivity_Z026	125-130 m (mS/m)	-9999999	f10.3
125	CNDZ [27]	Conductivity_Z027	130-135 m (mS/m)	-9999999	f10.3
126	CNDZ [28]	Conductivity_Z028	135-140 m (mS/m)	-9999999	f10.3
127	CNDZ [29]	Conductivity_Z029	140-145 m (mS/m)	-9999999	f10.3
128	CNDZ [30]	Conductivity_Z030	145-150 m (mS/m)	-9999999	f10.3
129	CNDZ [31]	Conductivity_Z031	150-155 m (mS/m)	-9999999	f10.3
130	CNDZ [32]	Conductivity_Z032	155-160 m (mS/m)	-9999999	f10.3
131	CNDZ [33]	Conductivity_Z033	160-165 m (mS/m)	-9999999	f10.3
132	CNDZ [34]	Conductivity_Z034	165-170 m (mS/m)	-9999999	f10.3
133	CNDZ [35]	Conductivity_Z035	170-175 m (mS/m)	-9999999	f10.3
134	CNDZ [36]	Conductivity_Z036	175-180 m (mS/m)	-9999999	f10.3
135	CNDZ [37]	Conductivity_Z037	180-185 m (mS/m)	-9999999	f10.3
136	CNDZ [38]	Conductivity_Z038	185-190 m (mS/m)	-9999999	f10.3
137	CNDZ [39]	Conductivity_Z039	190-195 m (mS/m)	-9999999	f10.3
138	CNDZ [40]	Conductivity_Z040	195-200 m (mS/m)	-9999999	f10.3
139	CNDZ [41]	Conductivity_Z041	200-205 m (mS/m)	-9999999	f10.3

140	CNDZ [42]	Conductivity_Z042	205-210 m	(mS/m)	-9999999	f10.3
141	CNDZ [43]	Conductivity_Z043	210-215 m	(mS/m)	-9999999	f10.3
142	CNDZ [44]	Conductivity_Z044	215-220 m	(mS/m)	-9999999	f10.3
143	CNDZ [45]	Conductivity_Z045	220-225 m	(mS/m)	-9999999	f10.3
144	CNDZ [46]	Conductivity_Z046	225-230 m	(mS/m)	-9999999	f10.3
145	CNDZ [47]	Conductivity_Z047	230-235 m	(mS/m)	-9999999	f10.3
146	CNDZ [48]	Conductivity_Z048	235-240 m	(mS/m)	-9999999	f10.3
147	CNDZ [49]	Conductivity_Z049	240-245 m	(mS/m)	-9999999	f10.3
148	CNDZ [50]	Conductivity_Z050	245-250 m	(mS/m)	-9999999	f10.3
149	CNDZ [51]	Conductivity_Z051	250-255 m	(mS/m)	-9999999	f10.3
150	CNDZ [52]	Conductivity_Z052	255-260 m	(mS/m)	-9999999	f10.3
151	CNDZ [53]	Conductivity_Z053	260-265 m	(mS/m)	-9999999	f10.3
152	CNDZ [54]	Conductivity_Z054	265-270 m	(mS/m)	-9999999	f10.3
153	CNDZ [55]	Conductivity_Z055	270-275 m	(mS/m)	-9999999	f10.3
154	CNDZ [56]	Conductivity_Z056	275-280 m	(mS/m)	-9999999	f10.3
155	CNDZ [57]	Conductivity_Z057	280-285 m	(mS/m)	-9999999	f10.3
156	CNDZ [58]	Conductivity_Z058	285-290 m	(mS/m)	-9999999	f10.3
157	CNDZ [59]	Conductivity_Z059	290-295 m	(mS/m)	-9999999	f10.3
158	CNDZ [60]	Conductivity_Z060	295-300 m	(mS/m)	-9999999	f10.3
159	CNDZ [61]	Conductivity_Z061	300-305 m	(mS/m)	-9999999	f10.3
160	CNDZ [62]	Conductivity_Z062	305-310 m	(mS/m)	-9999999	f10.3
161	CNDZ [63]	Conductivity_Z063	310-315 m	(mS/m)	-9999999	f10.3
162	CNDZ [64]	Conductivity_Z064	315-320 m	(mS/m)	-9999999	f10.3
163	CNDZ [65]	Conductivity_Z065	320-325 m	(mS/m)	-9999999	f10.3
164	CNDZ [66]	Conductivity_Z066	325-330 m	(mS/m)	-9999999	f10.3
165	CNDZ [67]	Conductivity_Z067	330-335 m	(mS/m)	-9999999	f10.3
166	CNDZ [68]	Conductivity_Z068	335-340 m	(mS/m)	-9999999	f10.3
167	CNDZ [69]	Conductivity_Z069	340-345 m	(mS/m)	-9999999	f10.3
168	CNDZ [70]	Conductivity_Z070	345-350 m	(mS/m)	-9999999	f10.3
169	CNDZ [71]	Conductivity_Z071	350-355 m	(mS/m)	-9999999	f10.3
170	CNDZ [72]	Conductivity_Z072	355-360 m	(mS/m)	-9999999	f10.3
171	CNDZ [73]	Conductivity_Z073	360-365 m	(mS/m)	-9999999	f10.3
172	CNDZ [74]	Conductivity_Z074	365-370 m	(mS/m)	-9999999	f10.3
173	CNDZ [75]	Conductivity_Z075	370-375 m	(mS/m)	-9999999	f10.3
174	CNDZ [76]	Conductivity_Z076	375-380 m	(mS/m)	-9999999	f10.3
175	CNDZ [77]	Conductivity_Z077	380-385 m	(mS/m)	-9999999	f10.3
176	CNDZ [78]	Conductivity_Z078	385-390 m	(mS/m)	-9999999	f10.3
177	CNDZ [79]	Conductivity_Z079	390-395 m	(mS/m)	-9999999	f10.3
178	CNDZ [80]	Conductivity_Z080	395-400 m	(mS/m)	-9999999	f10.3
179	CNDZ [81]	Conductivity_Z081	400-405 m	(mS/m)	-9999999	f10.3
180	CNDZ [82]	Conductivity_Z082	405-410 m	(mS/m)	-9999999	f10.3
181	CNDZ [83]	Conductivity_Z083	410-415 m	(mS/m)	-9999999	f10.3
182	CNDZ [84]	Conductivity_Z084	415-420 m	(mS/m)	-9999999	f10.3
183	CNDZ [85]	Conductivity_Z085	420-425 m	(mS/m)	-9999999	f10.3
184	CNDZ [86]	Conductivity_Z086	425-430 m	(mS/m)	-9999999	f10.3
185	CNDZ [87]	Conductivity_Z087	430-435 m	(mS/m)	-9999999	f10.3
186	CNDZ [88]	Conductivity_Z088	435-440 m	(mS/m)	-9999999	f10.3
187	CNDZ [89]	Conductivity_Z089	440-445 m	(mS/m)	-9999999	f10.3
188	CNDZ [90]	Conductivity_Z090	445-450 m	(mS/m)	-9999999	f10.3
189	CNDZ [91]	Conductivity_Z091	450-455 m	(mS/m)	-9999999	f10.3
190	CNDZ [92]	Conductivity_Z092	455-460 m	(mS/m)	-9999999	f10.3
191	CNDZ [93]	Conductivity_Z093	460-465 m	(mS/m)	-9999999	f10.3
192	CNDZ [94]	Conductivity_Z094	465-470 m	(mS/m)	-9999999	f10.3
193	CNDZ [95]	Conductivity_Z095	470-475 m	(mS/m)	-9999999	f10.3
194	CNDZ [96]	Conductivity_Z096	475-480 m	(mS/m)	-9999999	f10.3
195	CNDZ [97]	Conductivity_Z097	480-485 m	(mS/m)	-9999999	f10.3
196	CNDZ [98]	Conductivity_Z098	485-490 m	(mS/m)	-9999999	f10.3
197	CNDZ [99]	Conductivity_Z099	490-495 m	(mS/m)	-9999999	f10.3
198	CNDZ [100]	Conductivity_Z100	495-500 m	(mS/m)	-9999999	f10.3

GAWLER AREA 4

JOB NUMBER:	1805
AREA NUMBER:	4
SURVEY COMPANY:	Fugro Airborne Surveys
CLIENT:	Toro Energy
SURVEY TYPE:	25Hz TEMPEST Survey
AREA NAME:	Gawler

STATE: SA
COUNTRY: Australia
SURVEY FLOWN: August 2006
LOCATED DATA CREATED: 3 Oct 2006

DATUM: GDA94
PROJECTION: MGA
ZONE: 53

SURVEY SPECIFICATIONS

TRAVERSE LINE SPACING: 400 m
TRAVERSE LINE DIRECTION: 090-270 deg
NOMINAL TERRAIN CLEARANCE: 120 m
FINAL LINE KILOMETRES: 1121.5 km

LINE NUMBERING

TRAVERSE LINE NUMBERS: 40010 - 40650

AREA BOUNDARY (WGS84, UTM53)

436000	6570000
448000	6570000
448000	6524000
457000	6524000
457000	6506000
430000	6506000
430000	6528000
436000	6528000

SURVEY EQUIPMENT

AIRCRAFT: CASA C212 Turbo Prop, VH-TEM

MAGNETOMETER: Scintrex Cs-2 Cesium Vapour
INSTALLATION: stinger mount
RESOLUTION: 0.001 nT
RECORDING INTERVAL: 0.2 s

ELECTROMAGNETIC SYSTEM: 25Hz TEMPEST
INSTALLATION: Transmitter loop mounted on the aircraft
Receiver coils in a towed bird

COIL ORIENTATION: X,Z
RECORDING INTERVAL: 0.2 s
SYSTEM GEOMETRY:
RECEIVER DISTANCE BEHIND THE TRANSMITTER: -120 m
RECEIVER DISTANCE BELOW THE TRANSMITTER: -30 m

RADAR ALTIMETER: Sperry RT-220
RECORDING INTERVAL: 0.2 s

NAVIGATION: real-time differential GPS
RECORDING INTERVAL: 1.0 s

ACQUISITION SYSTEM: PDAS-1000

DATA PROCESSING

MAGNETIC DATA
DIURNAL BASE VALUE APPLIED 56120 nT
PARALLAX CORRECTION APPLIED 0.6 s
IGRF BASE VALUE APPLIED 56473 nT
IGRF MODEL 2005 EXTRAPOLATED TO 2006.6

ELECTROMAGNETIC DATA

SYSTEM PARALLAX REMOVED, AS FOLLOWS

X-COMPONENT EM DATA 0.2 s
Z-COMPONENT EM DATA 1.4 s

DATA CORRECTED FOR TRANSMITTER HEIGHT, PITCH AND ROLL

DATA CORRECTED FOR TRANSMITTER-RECEIVER GEOMETRY VARIATIONS

CONDUCTIVITY DEPTH INVERSION CALCULATED EMFlow V5.10
 CONDUCTIVITIES CALCULATED USING corrected EM DATA

DIGITAL TERRAIN DATA

PARALLAX CORRECTION APPLIED TO RADAR ALIMETER DATA 0.6 s
 PARALLAX CORRECTION APPLIED TO GPS ALIMETER DATA 0.0 s
 DTM CALCULATED [DTM = GPS ALTITUDE - RADAR ALTITUDE]

 The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process. Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

ELECTROMAGNETIC SYSTEM

TEMPEST IS A TIME-DOMAIN SQUARE-WAVE SYSTEM,
 TRANSMITTING AT A BASE FREQUENCY OF 25Hz,
 WITH 2 ORTHOGONAL-AXIS RECEIVER COILS IN A TOWED BIRD.
 FINAL EM OUTPUT IS RECORDED 5 TIMES PER SECOND.
 THE TIMES (IN MILLISECONDS) FOR THE 15 WINDOWS ARE:

WINDOW	START	END	CENTRE
1	0.007	0.020	0.013
2	0.033	0.047	0.040
3	0.060	0.073	0.067
4	0.087	0.127	0.107
5	0.140	0.207	0.173
6	0.220	0.340	0.280
7	0.353	0.553	0.453
8	0.567	0.873	0.720
9	0.887	1.353	1.120
10	1.367	2.100	1.733
11	2.113	3.273	2.693
12	3.287	5.113	4.200
13	5.127	7.993	6.560
14	8.007	12.393	10.200
15	12.407	19.993	16.200

PULSE WIDTH: 10 ms

TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter. It is this configuration, rather than the actual acquisition configuration, which must be specified when modelling TEMPEST data.

LOCATED DATA FORMAT

Output field format : DOS - Flat ascii
 Number of fields : 198

Field	Channel	Description	Units	Undefined	Format
----	-----	-----	----	-----	-----
1	LINE	Line		-9999999	i6
2	FLIGHT	Flight		-9999999	i4
3	FID	Fiducial	(s)	-9999999	f8.1
4	LATITUDE	Latitude GDA94	(deg)	-9999999	f13.6

5	LONGITUDE	Longitude GDA94	(deg)	-9999999	f13.6
6	EASTING	Easting MGA53	(m)	-9999999	f11.2
7	NORTHING	Northing MGA53	(m)	-9999999	f12.2
8	TxHeight	GPS height	(m)	-9999999	f8.2
9	Baro	Barometric Altitude	(m)	-9999999	f8.2
10	TxRalt_raw	Raw Radar Altimeter	(m)	-9999999	f8.2
11	TxRalt_final	Final Radar Altimeter	(m)	-9999999	f8.2
12	DTM	DTM	(m)	-9999999	f8.2
13	MAG	Compensated TMI	(nT)	-9999999	f10.3
14	MAG_1VD	Levelled TMI 1VD	(nT/m)	-9999999	f12.5
15	Pitch_Raw	Raw Tx loop pitch	(deg)	-9999999	f10.5
16	Roll_Raw	Raw Tx loop roll	(deg)	-9999999	f10.5
17	HSep_Raw	Raw Tx-Rx horizontal separation	(m)	-9999999	f8.2
18	VSep_Raw	Raw Tx-Rx vertical separation	(m)	-9999999	f8.2
19	Pitch_Final	Final Tx loop pitch	(deg)	-9999999	f10.5
20	Roll_Final	Final Tx loop roll	(deg)	-9999999	f10.5
21	HSep_Final	Final Tx-Rx horizontal separation	(m)	-9999999	f8.2
22	VSep_Final	Final Tx-Rx vertical separation	(m)	-9999999	f8.2
23	EMX_Raw[1]	Raw EMX01 Window	(fT)	-9999999	f12.6
24	EMX_Raw[2]	Raw EMX02 Window	(fT)	-9999999	f12.6
25	EMX_Raw[3]	Raw EMX03 Window	(fT)	-9999999	f12.6
26	EMX_Raw[4]	Raw EMX04 Window	(fT)	-9999999	f12.6
27	EMX_Raw[5]	Raw EMX05 Window	(fT)	-9999999	f12.6
28	EMX_Raw[6]	Raw EMX06 Window	(fT)	-9999999	f12.6
29	EMX_Raw[7]	Raw EMX07 Window	(fT)	-9999999	f12.6
30	EMX_Raw[8]	Raw EMX08 Window	(fT)	-9999999	f12.6
31	EMX_Raw[9]	Raw EMX09 Window	(fT)	-9999999	f12.6
32	EMX_Raw[10]	Raw EMX10 Window	(fT)	-9999999	f12.6
33	EMX_Raw[11]	Raw EMX11 Window	(fT)	-9999999	f12.6
34	EMX_Raw[12]	Raw EMX12 Window	(fT)	-9999999	f12.6
35	EMX_Raw[13]	Raw EMX13 Window	(fT)	-9999999	f12.6
36	EMX_Raw[14]	Raw EMX14 Window	(fT)	-9999999	f12.6
37	EMX_Raw[15]	Raw EMX15 Window	(fT)	-9999999	f12.6
38	EMX_Final[1]	Final EMX01 Window	(fT)	-9999999	f12.6
39	EMX_Final[2]	Final EMX02 Window	(fT)	-9999999	f12.6
40	EMX_Final[3]	Final EMX03 Window	(fT)	-9999999	f12.6
41	EMX_Final[4]	Final EMX04 Window	(fT)	-9999999	f12.6
42	EMX_Final[5]	Final EMX05 Window	(fT)	-9999999	f12.6
43	EMX_Final[6]	Final EMX06 Window	(fT)	-9999999	f12.6
44	EMX_Final[7]	Final EMX07 Window	(fT)	-9999999	f12.6
45	EMX_Final[8]	Final EMX08 Window	(fT)	-9999999	f12.6
46	EMX_Final[9]	Final EMX09 Window	(fT)	-9999999	f12.6
47	EMX_Final[10]	Final EMX10 Window	(fT)	-9999999	f12.6
48	EMX_Final[11]	Final EMX11 Window	(fT)	-9999999	f12.6
49	EMX_Final[12]	Final EMX12 Window	(fT)	-9999999	f12.6
50	EMX_Final[13]	Final EMX13 Window	(fT)	-9999999	f12.6
51	EMX_Final[14]	Final EMX14 Window	(fT)	-9999999	f12.6
52	EMX_Final[15]	Final EMX15 Window	(fT)	-9999999	f12.6
53	X_Sferics	X_Sferics		-9999999	f10.3
54	X_Lowfreq	X_Lowfreq		-9999999	f10.3
55	X_Powerline	X_Powerline		-9999999	f10.3
56	X_VLF1	X_18.2kHz		-9999999	f10.3
57	X_VLF2	X_19.8kHz		-9999999	f10.3
58	X_VLF3	X_21.4kHz		-9999999	f10.3
59	X_VLF4	X_22.2kHz		-9999999	f10.3
60	X_Geofact	X_Geometric factor		-9999999	f10.3
61	EMZ_Raw[1]	Raw EMZ01 Window	(fT)	-9999999	f12.6
62	EMZ_Raw[2]	Raw EMZ02 Window	(fT)	-9999999	f12.6
63	EMZ_Raw[3]	Raw EMZ03 Window	(fT)	-9999999	f12.6
64	EMZ_Raw[4]	Raw EMZ04 Window	(fT)	-9999999	f12.6
65	EMZ_Raw[5]	Raw EMZ05 Window	(fT)	-9999999	f12.6
66	EMZ_Raw[6]	Raw EMZ06 Window	(fT)	-9999999	f12.6
67	EMZ_Raw[7]	Raw EMZ07 Window	(fT)	-9999999	f12.6
68	EMZ_Raw[8]	Raw EMZ08 Window	(fT)	-9999999	f12.6
69	EMZ_Raw[9]	Raw EMZ09 Window	(fT)	-9999999	f12.6
70	EMZ_Raw[10]	Raw EMZ10 Window	(fT)	-9999999	f12.6
71	EMZ_Raw[11]	Raw EMZ11 Window	(fT)	-9999999	f12.6
72	EMZ_Raw[12]	Raw EMZ12 Window	(fT)	-9999999	f12.6
73	EMZ_Raw[13]	Raw EMZ13 Window	(fT)	-9999999	f12.6
74	EMZ_Raw[14]	Raw EMZ14 Window	(fT)	-9999999	f12.6
75	EMZ_Raw[15]	Raw EMZ15 Window	(fT)	-9999999	f12.6

76	EMZ_Final[1]	Final EMZ01 Window	(fT)	-9999999	f12.6
77	EMZ_Final[2]	Final EMZ02 Window	(fT)	-9999999	f12.6
78	EMZ_Final[3]	Final EMZ03 Window	(fT)	-9999999	f12.6
79	EMZ_Final[4]	Final EMZ04 Window	(fT)	-9999999	f12.6
80	EMZ_Final[5]	Final EMZ05 Window	(fT)	-9999999	f12.6
81	EMZ_Final[6]	Final EMZ06 Window	(fT)	-9999999	f12.6
82	EMZ_Final[7]	Final EMZ07 Window	(fT)	-9999999	f12.6
83	EMZ_Final[8]	Final EMZ08 Window	(fT)	-9999999	f12.6
84	EMZ_Final[9]	Final EMZ09 Window	(fT)	-9999999	f12.6
85	EMZ_Final[10]	Final EMZ10 Window	(fT)	-9999999	f12.6
86	EMZ_Final[11]	Final EMZ11 Window	(fT)	-9999999	f12.6
87	EMZ_Final[12]	Final EMZ12 Window	(fT)	-9999999	f12.6
88	EMZ_Final[13]	Final EMZ13 Window	(fT)	-9999999	f12.6
89	EMZ_Final[14]	Final EMZ14 Window	(fT)	-9999999	f12.6
90	EMZ_Final[15]	Final EMZ15 Window	(fT)	-9999999	f12.6
91	Z_Sferics	Z_Sferics		-9999999	f10.3
92	Z_Lowfreq	Z_Lowfreq		-9999999	f10.3
93	Z_Powerline	Z_Powerline		-9999999	f10.3
94	Z_VLF1	Z_18.2kHz		-9999999	f10.3
95	Z_VLF2	Z_19.8kHz		-9999999	f10.3
96	Z_VLF3	Z_21.4kHz		-9999999	f10.3
97	Z_VLF4	Z_22.2kHz		-9999999	f10.3
98	Z_Geomfact	Z_Geometric factor		-9999999	f10.3
99	CNDZ[1]	Conductivity_Z001	0- 5 m (mS/m)	-9999999	f10.3
100	CNDZ[2]	Conductivity_Z002	5- 10 m (mS/m)	-9999999	f10.3
101	CNDZ[3]	Conductivity_Z003	10- 15 m (mS/m)	-9999999	f10.3
102	CNDZ[4]	Conductivity_Z004	15- 20 m (mS/m)	-9999999	f10.3
103	CNDZ[5]	Conductivity_Z005	20- 25 m (mS/m)	-9999999	f10.3
104	CNDZ[6]	Conductivity_Z006	25- 30 m (mS/m)	-9999999	f10.3
105	CNDZ[7]	Conductivity_Z007	30- 35 m (mS/m)	-9999999	f10.3
106	CNDZ[8]	Conductivity_Z008	35- 40 m (mS/m)	-9999999	f10.3
107	CNDZ[9]	Conductivity_Z009	40- 45 m (mS/m)	-9999999	f10.3
108	CNDZ[10]	Conductivity_Z010	45- 50 m (mS/m)	-9999999	f10.3
109	CNDZ[11]	Conductivity_Z011	50- 55 m (mS/m)	-9999999	f10.3
110	CNDZ[12]	Conductivity_Z012	55- 60 m (mS/m)	-9999999	f10.3
111	CNDZ[13]	Conductivity_Z013	60- 65 m (mS/m)	-9999999	f10.3
112	CNDZ[14]	Conductivity_Z014	65- 70 m (mS/m)	-9999999	f10.3
113	CNDZ[15]	Conductivity_Z015	70- 75 m (mS/m)	-9999999	f10.3
114	CNDZ[16]	Conductivity_Z016	75- 80 m (mS/m)	-9999999	f10.3
115	CNDZ[17]	Conductivity_Z017	80- 85 m (mS/m)	-9999999	f10.3
116	CNDZ[18]	Conductivity_Z018	85- 90 m (mS/m)	-9999999	f10.3
117	CNDZ[19]	Conductivity_Z019	90- 95 m (mS/m)	-9999999	f10.3
118	CNDZ[20]	Conductivity_Z020	95-100 m (mS/m)	-9999999	f10.3
119	CNDZ[21]	Conductivity_Z021	100-105 m (mS/m)	-9999999	f10.3
120	CNDZ[22]	Conductivity_Z022	105-110 m (mS/m)	-9999999	f10.3
121	CNDZ[23]	Conductivity_Z023	110-115 m (mS/m)	-9999999	f10.3
122	CNDZ[24]	Conductivity_Z024	115-120 m (mS/m)	-9999999	f10.3
123	CNDZ[25]	Conductivity_Z025	120-125 m (mS/m)	-9999999	f10.3
124	CNDZ[26]	Conductivity_Z026	125-130 m (mS/m)	-9999999	f10.3
125	CNDZ[27]	Conductivity_Z027	130-135 m (mS/m)	-9999999	f10.3
126	CNDZ[28]	Conductivity_Z028	135-140 m (mS/m)	-9999999	f10.3
127	CNDZ[29]	Conductivity_Z029	140-145 m (mS/m)	-9999999	f10.3
128	CNDZ[30]	Conductivity_Z030	145-150 m (mS/m)	-9999999	f10.3
129	CNDZ[31]	Conductivity_Z031	150-155 m (mS/m)	-9999999	f10.3
130	CNDZ[32]	Conductivity_Z032	155-160 m (mS/m)	-9999999	f10.3
131	CNDZ[33]	Conductivity_Z033	160-165 m (mS/m)	-9999999	f10.3
132	CNDZ[34]	Conductivity_Z034	165-170 m (mS/m)	-9999999	f10.3
133	CNDZ[35]	Conductivity_Z035	170-175 m (mS/m)	-9999999	f10.3
134	CNDZ[36]	Conductivity_Z036	175-180 m (mS/m)	-9999999	f10.3
135	CNDZ[37]	Conductivity_Z037	180-185 m (mS/m)	-9999999	f10.3
136	CNDZ[38]	Conductivity_Z038	185-190 m (mS/m)	-9999999	f10.3
137	CNDZ[39]	Conductivity_Z039	190-195 m (mS/m)	-9999999	f10.3
138	CNDZ[40]	Conductivity_Z040	195-200 m (mS/m)	-9999999	f10.3
139	CNDZ[41]	Conductivity_Z041	200-205 m (mS/m)	-9999999	f10.3
140	CNDZ[42]	Conductivity_Z042	205-210 m (mS/m)	-9999999	f10.3
141	CNDZ[43]	Conductivity_Z043	210-215 m (mS/m)	-9999999	f10.3
142	CNDZ[44]	Conductivity_Z044	215-220 m (mS/m)	-9999999	f10.3
143	CNDZ[45]	Conductivity_Z045	220-225 m (mS/m)	-9999999	f10.3
144	CNDZ[46]	Conductivity_Z046	225-230 m (mS/m)	-9999999	f10.3
145	CNDZ[47]	Conductivity_Z047	230-235 m (mS/m)	-9999999	f10.3
146	CNDZ[48]	Conductivity_Z048	235-240 m (mS/m)	-9999999	f10.3

147	CNDZ [49]	Conductivity_Z049	240-245 m	(mS/m)	-9999999	f10.3
148	CNDZ [50]	Conductivity_Z050	245-250 m	(mS/m)	-9999999	f10.3
149	CNDZ [51]	Conductivity_Z051	250-255 m	(mS/m)	-9999999	f10.3
150	CNDZ [52]	Conductivity_Z052	255-260 m	(mS/m)	-9999999	f10.3
151	CNDZ [53]	Conductivity_Z053	260-265 m	(mS/m)	-9999999	f10.3
152	CNDZ [54]	Conductivity_Z054	265-270 m	(mS/m)	-9999999	f10.3
153	CNDZ [55]	Conductivity_Z055	270-275 m	(mS/m)	-9999999	f10.3
154	CNDZ [56]	Conductivity_Z056	275-280 m	(mS/m)	-9999999	f10.3
155	CNDZ [57]	Conductivity_Z057	280-285 m	(mS/m)	-9999999	f10.3
156	CNDZ [58]	Conductivity_Z058	285-290 m	(mS/m)	-9999999	f10.3
157	CNDZ [59]	Conductivity_Z059	290-295 m	(mS/m)	-9999999	f10.3
158	CNDZ [60]	Conductivity_Z060	295-300 m	(mS/m)	-9999999	f10.3
159	CNDZ [61]	Conductivity_Z061	300-305 m	(mS/m)	-9999999	f10.3
160	CNDZ [62]	Conductivity_Z062	305-310 m	(mS/m)	-9999999	f10.3
161	CNDZ [63]	Conductivity_Z063	310-315 m	(mS/m)	-9999999	f10.3
162	CNDZ [64]	Conductivity_Z064	315-320 m	(mS/m)	-9999999	f10.3
163	CNDZ [65]	Conductivity_Z065	320-325 m	(mS/m)	-9999999	f10.3
164	CNDZ [66]	Conductivity_Z066	325-330 m	(mS/m)	-9999999	f10.3
165	CNDZ [67]	Conductivity_Z067	330-335 m	(mS/m)	-9999999	f10.3
166	CNDZ [68]	Conductivity_Z068	335-340 m	(mS/m)	-9999999	f10.3
167	CNDZ [69]	Conductivity_Z069	340-345 m	(mS/m)	-9999999	f10.3
168	CNDZ [70]	Conductivity_Z070	345-350 m	(mS/m)	-9999999	f10.3
169	CNDZ [71]	Conductivity_Z071	350-355 m	(mS/m)	-9999999	f10.3
170	CNDZ [72]	Conductivity_Z072	355-360 m	(mS/m)	-9999999	f10.3
171	CNDZ [73]	Conductivity_Z073	360-365 m	(mS/m)	-9999999	f10.3
172	CNDZ [74]	Conductivity_Z074	365-370 m	(mS/m)	-9999999	f10.3
173	CNDZ [75]	Conductivity_Z075	370-375 m	(mS/m)	-9999999	f10.3
174	CNDZ [76]	Conductivity_Z076	375-380 m	(mS/m)	-9999999	f10.3
175	CNDZ [77]	Conductivity_Z077	380-385 m	(mS/m)	-9999999	f10.3
176	CNDZ [78]	Conductivity_Z078	385-390 m	(mS/m)	-9999999	f10.3
177	CNDZ [79]	Conductivity_Z079	390-395 m	(mS/m)	-9999999	f10.3
178	CNDZ [80]	Conductivity_Z080	395-400 m	(mS/m)	-9999999	f10.3
179	CNDZ [81]	Conductivity_Z081	400-405 m	(mS/m)	-9999999	f10.3
180	CNDZ [82]	Conductivity_Z082	405-410 m	(mS/m)	-9999999	f10.3
181	CNDZ [83]	Conductivity_Z083	410-415 m	(mS/m)	-9999999	f10.3
182	CNDZ [84]	Conductivity_Z084	415-420 m	(mS/m)	-9999999	f10.3
183	CNDZ [85]	Conductivity_Z085	420-425 m	(mS/m)	-9999999	f10.3
184	CNDZ [86]	Conductivity_Z086	425-430 m	(mS/m)	-9999999	f10.3
185	CNDZ [87]	Conductivity_Z087	430-435 m	(mS/m)	-9999999	f10.3
186	CNDZ [88]	Conductivity_Z088	435-440 m	(mS/m)	-9999999	f10.3
187	CNDZ [89]	Conductivity_Z089	440-445 m	(mS/m)	-9999999	f10.3
188	CNDZ [90]	Conductivity_Z090	445-450 m	(mS/m)	-9999999	f10.3
189	CNDZ [91]	Conductivity_Z091	450-455 m	(mS/m)	-9999999	f10.3
190	CNDZ [92]	Conductivity_Z092	455-460 m	(mS/m)	-9999999	f10.3
191	CNDZ [93]	Conductivity_Z093	460-465 m	(mS/m)	-9999999	f10.3
192	CNDZ [94]	Conductivity_Z094	465-470 m	(mS/m)	-9999999	f10.3
193	CNDZ [95]	Conductivity_Z095	470-475 m	(mS/m)	-9999999	f10.3
194	CNDZ [96]	Conductivity_Z096	475-480 m	(mS/m)	-9999999	f10.3
195	CNDZ [97]	Conductivity_Z097	480-485 m	(mS/m)	-9999999	f10.3
196	CNDZ [98]	Conductivity_Z098	485-490 m	(mS/m)	-9999999	f10.3
197	CNDZ [99]	Conductivity_Z099	490-495 m	(mS/m)	-9999999	f10.3
198	CNDZ [100]	Conductivity_Z100	495-500 m	(mS/m)	-9999999	f10.3

GAWLER AREA 5

JOB NUMBER: 1805
 AREA NUMBER: 5
 SURVEY COMPANY: Fugro Airborne Surveys
 CLIENT: Toro Energy
 SURVEY TYPE: 25Hz TEMPEST Survey
 AREA NAME: 5
 STATE: SA
 COUNTRY: Australia
 SURVEY FLOWN: August 2006
 LOCATED DATA CREATED: Oct 2006

 DATUM: GDA94
 PROJECTION: MGA

ZONE: 53

SURVEY SPECIFICATIONS

TRAVERSE LINE SPACING: 1000 m
TRAVERSE LINE DIRECTION: 000-180 deg
NOMINAL TERRAIN CLEARANCE: 120 m
FINAL LINE KILOMETRES: 546.0 km

LINE NUMBERING

TRAVERSE LINE NUMBERS: 50010 – 50280

AREA BOUNDARY (WGS84, UTM53)

448000 6543000
475000 6543000
475000 6524000
448000 6524000

SURVEY EQUIPMENT

AIRCRAFT: CASA C212 Turbo Prop, VH-TEM

MAGNETOMETER: Scintrex Cs-2 Cesium Vapour
INSTALLATION: stinger mount
RESOLUTION: 0.001 nT
RECORDING INTERVAL: 0.2 s

ELECTROMAGNETIC SYSTEM: 25Hz TEMPEST
INSTALLATION: Transmitter loop mounted on the aircraft
Receiver coils in a towed bird

COIL ORIENTATION: X,Z
RECORDING INTERVAL: 0.2 s
SYSTEM GEOMETRY:
RECEIVER DISTANCE BEHIND THE TRANSMITTER: -120 m
RECEIVER DISTANCE BELOW THE TRANSMITTER: -30 m

RADAR ALTIMETER: Sperry RT-220
RECORDING INTERVAL: 0.2 s

NAVIGATION: real-time differential GPS
RECORDING INTERVAL: 1.0 s

ACQUISITION SYSTEM: PDAS-1000

DATA PROCESSING

MAGNETIC DATA
DIURNAL BASE VALUE APPLIED 56120 nT
PARALLAX CORRECTION APPLIED 0.6 s
IGRF BASE VALUE APPLIED 56473 nT
IGRF MODEL 2005 EXTRAPOLATED TO 2006.6

ELECTROMAGNETIC DATA
SYSTEM PARALLAX REMOVED, AS FOLLOWS
X-COMPONENT EM DATA 0.2 s
Z-COMPONENT EM DATA 1.4 s
DATA CORRECTED FOR TRANSMITTER HEIGHT, PITCH AND ROLL
DATA CORRECTED FOR TRANSMITTER-RECEIVER GEOMETRY VARIATIONS
CONDUCTIVITY DEPTH INVERSION CALCULATED EMFlow V5.10
CONDUCTIVITIES CALCULATED USING corrected EM DATA

DIGITAL TERRAIN DATA
PARALLAX CORRECTION APPLIED TO RADAR ALIMETER DATA 0.6 s
PARALLAX CORRECTION APPLIED TO GPS ALIMETER DATA 0.0 s
DTM CALCULATED [DTM = GPS ALTITUDE - RADAR ALTITUDE]

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy

tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process. Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference, THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

ELECTROMAGNETIC SYSTEM

TEMPEST IS A TIME-DOMAIN SQUARE-WAVE SYSTEM,
TRANSMITTING AT A BASE FREQUENCY OF 25Hz,
WITH 2 ORTHOGONAL-AXIS RECEIVER COILS IN A TOWED BIRD.
FINAL EM OUTPUT IS RECORDED 5 TIMES PER SECOND.
THE TIMES (IN MILLISECONDS) FOR THE 15 WINDOWS ARE:

WINDOW	START	END	CENTRE
1	0.007	0.020	0.013
2	0.033	0.047	0.040
3	0.060	0.073	0.067
4	0.087	0.127	0.107
5	0.140	0.207	0.173
6	0.220	0.340	0.280
7	0.353	0.553	0.453
8	0.567	0.873	0.720
9	0.887	1.353	1.120
10	1.367	2.100	1.733
11	2.113	3.273	2.693
12	3.287	5.113	4.200
13	5.127	7.993	6.560
14	8.007	12.393	10.200
15	12.407	19.993	16.200

PULSE WIDTH: 10 ms

TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter. It is this configuration, rather than the actual acquisition configuration, which must be specified when modelling TEMPEST data.

LOCATED DATA FORMAT

Output field format : DOS - Flat ascii
Number of fields : 198

Field	Channel	Description	Units	Undefined	Format
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1	LINE	Line		-9999999	i6
2	FLIGHT	Flight		-9999999	i4
3	FID	Fiducial	(s)	-9999999	f8.1
4	LATITUDE	Latitude GDA94	(deg)	-9999999	f13.6
5	LONGITUDE	Longitude GDA94	(deg)	-9999999	f13.6
6	EASTING	Easting MGA53	(m)	-9999999	f11.2
7	NORTHING	Northing MGA53	(m)	-9999999	f12.2
8	TxHeight	GPS height	(m)	-9999999	f8.2
9	Baro	Barometric Altitude	(m)	-9999999	f8.2
10	TxRalt_raw	Raw Radar Altimeter	(m)	-9999999	f8.2
11	TxRalt_final	Final Radar Altimeter	(m)	-9999999	f8.2
12	DTM	DTM	(m)	-9999999	f8.2
13	MAG	Compensated TMI	(nT)	-9999999	f10.3
14	MAG_1VD	Levelled TMI 1VD	(nT/m)	-9999999	f12.5
15	Pitch_Raw	Raw Tx loop pitch	(deg)	-9999999	f10.5

16	Roll_Raw	Raw Tx loop roll	(deg)	-9999999	f10.5
17	HSep_Raw	Raw Tx-Rx horizontal separation	(m)	-9999999	f8.2
18	VSep_Raw	Raw Tx-Rx vertical separation	(m)	-9999999	f8.2
19	Pitch_Final	Final Tx loop pitch	(deg)	-9999999	f10.5
20	Roll_Final	Final Tx loop roll	(deg)	-9999999	f10.5
21	HSep_Final	Final Tx-Rx horizontal separation	(m)	-9999999	f8.2
22	VSep_Final	Final Tx-Rx vertical separation	(m)	-9999999	f8.2
23	EMX_Raw[1]	Raw EMX01 Window	(fT)	-9999999	f12.6
24	EMX_Raw[2]	Raw EMX02 Window	(fT)	-9999999	f12.6
25	EMX_Raw[3]	Raw EMX03 Window	(fT)	-9999999	f12.6
26	EMX_Raw[4]	Raw EMX04 Window	(fT)	-9999999	f12.6
27	EMX_Raw[5]	Raw EMX05 Window	(fT)	-9999999	f12.6
28	EMX_Raw[6]	Raw EMX06 Window	(fT)	-9999999	f12.6
29	EMX_Raw[7]	Raw EMX07 Window	(fT)	-9999999	f12.6
30	EMX_Raw[8]	Raw EMX08 Window	(fT)	-9999999	f12.6
31	EMX_Raw[9]	Raw EMX09 Window	(fT)	-9999999	f12.6
32	EMX_Raw[10]	Raw EMX10 Window	(fT)	-9999999	f12.6
33	EMX_Raw[11]	Raw EMX11 Window	(fT)	-9999999	f12.6
34	EMX_Raw[12]	Raw EMX12 Window	(fT)	-9999999	f12.6
35	EMX_Raw[13]	Raw EMX13 Window	(fT)	-9999999	f12.6
36	EMX_Raw[14]	Raw EMX14 Window	(fT)	-9999999	f12.6
37	EMX_Raw[15]	Raw EMX15 Window	(fT)	-9999999	f12.6
38	EMX_Final[1]	Final EMX01 Window	(fT)	-9999999	f12.6
39	EMX_Final[2]	Final EMX02 Window	(fT)	-9999999	f12.6
40	EMX_Final[3]	Final EMX03 Window	(fT)	-9999999	f12.6
41	EMX_Final[4]	Final EMX04 Window	(fT)	-9999999	f12.6
42	EMX_Final[5]	Final EMX05 Window	(fT)	-9999999	f12.6
43	EMX_Final[6]	Final EMX06 Window	(fT)	-9999999	f12.6
44	EMX_Final[7]	Final EMX07 Window	(fT)	-9999999	f12.6
45	EMX_Final[8]	Final EMX08 Window	(fT)	-9999999	f12.6
46	EMX_Final[9]	Final EMX09 Window	(fT)	-9999999	f12.6
47	EMX_Final[10]	Final EMX10 Window	(fT)	-9999999	f12.6
48	EMX_Final[11]	Final EMX11 Window	(fT)	-9999999	f12.6
49	EMX_Final[12]	Final EMX12 Window	(fT)	-9999999	f12.6
50	EMX_Final[13]	Final EMX13 Window	(fT)	-9999999	f12.6
51	EMX_Final[14]	Final EMX14 Window	(fT)	-9999999	f12.6
52	EMX_Final[15]	Final EMX15 Window	(fT)	-9999999	f12.6
53	X_Sferics	X_Sferics		-9999999	f10.3
54	X_Lowfreq	X_Lowfreq		-9999999	f10.3
55	X_Powerline	X_Powerline		-9999999	f10.3
56	X_VLF1	X_18.2kHz		-9999999	f10.3
57	X_VLF2	X_19.8kHz		-9999999	f10.3
58	X_VLF3	X_21.4kHz		-9999999	f10.3
59	X_VLF4	X_22.2kHz		-9999999	f10.3
60	X_Geofact	X_Geometric factor		-9999999	f10.3
61	EMZ_Raw[1]	Raw EMZ01 Window	(fT)	-9999999	f12.6
62	EMZ_Raw[2]	Raw EMZ02 Window	(fT)	-9999999	f12.6
63	EMZ_Raw[3]	Raw EMZ03 Window	(fT)	-9999999	f12.6
64	EMZ_Raw[4]	Raw EMZ04 Window	(fT)	-9999999	f12.6
65	EMZ_Raw[5]	Raw EMZ05 Window	(fT)	-9999999	f12.6
66	EMZ_Raw[6]	Raw EMZ06 Window	(fT)	-9999999	f12.6
67	EMZ_Raw[7]	Raw EMZ07 Window	(fT)	-9999999	f12.6
68	EMZ_Raw[8]	Raw EMZ08 Window	(fT)	-9999999	f12.6
69	EMZ_Raw[9]	Raw EMZ09 Window	(fT)	-9999999	f12.6
70	EMZ_Raw[10]	Raw EMZ10 Window	(fT)	-9999999	f12.6
71	EMZ_Raw[11]	Raw EMZ11 Window	(fT)	-9999999	f12.6
72	EMZ_Raw[12]	Raw EMZ12 Window	(fT)	-9999999	f12.6
73	EMZ_Raw[13]	Raw EMZ13 Window	(fT)	-9999999	f12.6
74	EMZ_Raw[14]	Raw EMZ14 Window	(fT)	-9999999	f12.6
75	EMZ_Raw[15]	Raw EMZ15 Window	(fT)	-9999999	f12.6
76	EMZ_Final[1]	Final EMZ01 Window	(fT)	-9999999	f12.6
77	EMZ_Final[2]	Final EMZ02 Window	(fT)	-9999999	f12.6
78	EMZ_Final[3]	Final EMZ03 Window	(fT)	-9999999	f12.6
79	EMZ_Final[4]	Final EMZ04 Window	(fT)	-9999999	f12.6
80	EMZ_Final[5]	Final EMZ05 Window	(fT)	-9999999	f12.6
81	EMZ_Final[6]	Final EMZ06 Window	(fT)	-9999999	f12.6
82	EMZ_Final[7]	Final EMZ07 Window	(fT)	-9999999	f12.6
83	EMZ_Final[8]	Final EMZ08 Window	(fT)	-9999999	f12.6
84	EMZ_Final[9]	Final EMZ09 Window	(fT)	-9999999	f12.6
85	EMZ_Final[10]	Final EMZ10 Window	(fT)	-9999999	f12.6
86	EMZ_Final[11]	Final EMZ11 Window	(fT)	-9999999	f12.6

87	EMZ_Final[12]	Final EMZ12 Window	(fT)	-9999999	f12.6
88	EMZ_Final[13]	Final EMZ13 Window	(fT)	-9999999	f12.6
89	EMZ_Final[14]	Final EMZ14 Window	(fT)	-9999999	f12.6
90	EMZ_Final[15]	Final EMZ15 Window	(fT)	-9999999	f12.6
91	Z_Sferics	Z_Sferics		-9999999	f10.3
92	Z_Lowfreq	Z_Lowfreq		-9999999	f10.3
93	Z_Powerline	Z_Powerline		-9999999	f10.3
94	Z_VLF1	Z_18.2kHz		-9999999	f10.3
95	Z_VLF2	Z_19.8kHz		-9999999	f10.3
96	Z_VLF3	Z_21.4kHz		-9999999	f10.3
97	Z_VLF4	Z_22.2kHz		-9999999	f10.3
98	Z_Geofact	Z_Geometric factor		-9999999	f10.3
99	CNDZ[1]	Conductivity_Z001	0- 5 m (mS/m)	-9999999	f10.3
100	CNDZ[2]	Conductivity_Z002	5- 10 m (mS/m)	-9999999	f10.3
101	CNDZ[3]	Conductivity_Z003	10- 15 m (mS/m)	-9999999	f10.3
102	CNDZ[4]	Conductivity_Z004	15- 20 m (mS/m)	-9999999	f10.3
103	CNDZ[5]	Conductivity_Z005	20- 25 m (mS/m)	-9999999	f10.3
104	CNDZ[6]	Conductivity_Z006	25- 30 m (mS/m)	-9999999	f10.3
105	CNDZ[7]	Conductivity_Z007	30- 35 m (mS/m)	-9999999	f10.3
106	CNDZ[8]	Conductivity_Z008	35- 40 m (mS/m)	-9999999	f10.3
107	CNDZ[9]	Conductivity_Z009	40- 45 m (mS/m)	-9999999	f10.3
108	CNDZ[10]	Conductivity_Z010	45- 50 m (mS/m)	-9999999	f10.3
109	CNDZ[11]	Conductivity_Z011	50- 55 m (mS/m)	-9999999	f10.3
110	CNDZ[12]	Conductivity_Z012	55- 60 m (mS/m)	-9999999	f10.3
111	CNDZ[13]	Conductivity_Z013	60- 65 m (mS/m)	-9999999	f10.3
112	CNDZ[14]	Conductivity_Z014	65- 70 m (mS/m)	-9999999	f10.3
113	CNDZ[15]	Conductivity_Z015	70- 75 m (mS/m)	-9999999	f10.3
114	CNDZ[16]	Conductivity_Z016	75- 80 m (mS/m)	-9999999	f10.3
115	CNDZ[17]	Conductivity_Z017	80- 85 m (mS/m)	-9999999	f10.3
116	CNDZ[18]	Conductivity_Z018	85- 90 m (mS/m)	-9999999	f10.3
117	CNDZ[19]	Conductivity_Z019	90- 95 m (mS/m)	-9999999	f10.3
118	CNDZ[20]	Conductivity_Z020	95-100 m (mS/m)	-9999999	f10.3
119	CNDZ[21]	Conductivity_Z021	100-105 m (mS/m)	-9999999	f10.3
120	CNDZ[22]	Conductivity_Z022	105-110 m (mS/m)	-9999999	f10.3
121	CNDZ[23]	Conductivity_Z023	110-115 m (mS/m)	-9999999	f10.3
122	CNDZ[24]	Conductivity_Z024	115-120 m (mS/m)	-9999999	f10.3
123	CNDZ[25]	Conductivity_Z025	120-125 m (mS/m)	-9999999	f10.3
124	CNDZ[26]	Conductivity_Z026	125-130 m (mS/m)	-9999999	f10.3
125	CNDZ[27]	Conductivity_Z027	130-135 m (mS/m)	-9999999	f10.3
126	CNDZ[28]	Conductivity_Z028	135-140 m (mS/m)	-9999999	f10.3
127	CNDZ[29]	Conductivity_Z029	140-145 m (mS/m)	-9999999	f10.3
128	CNDZ[30]	Conductivity_Z030	145-150 m (mS/m)	-9999999	f10.3
129	CNDZ[31]	Conductivity_Z031	150-155 m (mS/m)	-9999999	f10.3
130	CNDZ[32]	Conductivity_Z032	155-160 m (mS/m)	-9999999	f10.3
131	CNDZ[33]	Conductivity_Z033	160-165 m (mS/m)	-9999999	f10.3
132	CNDZ[34]	Conductivity_Z034	165-170 m (mS/m)	-9999999	f10.3
133	CNDZ[35]	Conductivity_Z035	170-175 m (mS/m)	-9999999	f10.3
134	CNDZ[36]	Conductivity_Z036	175-180 m (mS/m)	-9999999	f10.3
135	CNDZ[37]	Conductivity_Z037	180-185 m (mS/m)	-9999999	f10.3
136	CNDZ[38]	Conductivity_Z038	185-190 m (mS/m)	-9999999	f10.3
137	CNDZ[39]	Conductivity_Z039	190-195 m (mS/m)	-9999999	f10.3
138	CNDZ[40]	Conductivity_Z040	195-200 m (mS/m)	-9999999	f10.3
139	CNDZ[41]	Conductivity_Z041	200-205 m (mS/m)	-9999999	f10.3
140	CNDZ[42]	Conductivity_Z042	205-210 m (mS/m)	-9999999	f10.3
141	CNDZ[43]	Conductivity_Z043	210-215 m (mS/m)	-9999999	f10.3
142	CNDZ[44]	Conductivity_Z044	215-220 m (mS/m)	-9999999	f10.3
143	CNDZ[45]	Conductivity_Z045	220-225 m (mS/m)	-9999999	f10.3
144	CNDZ[46]	Conductivity_Z046	225-230 m (mS/m)	-9999999	f10.3
145	CNDZ[47]	Conductivity_Z047	230-235 m (mS/m)	-9999999	f10.3
146	CNDZ[48]	Conductivity_Z048	235-240 m (mS/m)	-9999999	f10.3
147	CNDZ[49]	Conductivity_Z049	240-245 m (mS/m)	-9999999	f10.3
148	CNDZ[50]	Conductivity_Z050	245-250 m (mS/m)	-9999999	f10.3
149	CNDZ[51]	Conductivity_Z051	250-255 m (mS/m)	-9999999	f10.3
150	CNDZ[52]	Conductivity_Z052	255-260 m (mS/m)	-9999999	f10.3
151	CNDZ[53]	Conductivity_Z053	260-265 m (mS/m)	-9999999	f10.3
152	CNDZ[54]	Conductivity_Z054	265-270 m (mS/m)	-9999999	f10.3
153	CNDZ[55]	Conductivity_Z055	270-275 m (mS/m)	-9999999	f10.3
154	CNDZ[56]	Conductivity_Z056	275-280 m (mS/m)	-9999999	f10.3
155	CNDZ[57]	Conductivity_Z057	280-285 m (mS/m)	-9999999	f10.3
156	CNDZ[58]	Conductivity_Z058	285-290 m (mS/m)	-9999999	f10.3
157	CNDZ[59]	Conductivity_Z059	290-295 m (mS/m)	-9999999	f10.3

158	CNDZ [60]	Conductivity_Z060	295-300 m	(mS/m)	-9999999	f10.3
159	CNDZ [61]	Conductivity_Z061	300-305 m	(mS/m)	-9999999	f10.3
160	CNDZ [62]	Conductivity_Z062	305-310 m	(mS/m)	-9999999	f10.3
161	CNDZ [63]	Conductivity_Z063	310-315 m	(mS/m)	-9999999	f10.3
162	CNDZ [64]	Conductivity_Z064	315-320 m	(mS/m)	-9999999	f10.3
163	CNDZ [65]	Conductivity_Z065	320-325 m	(mS/m)	-9999999	f10.3
164	CNDZ [66]	Conductivity_Z066	325-330 m	(mS/m)	-9999999	f10.3
165	CNDZ [67]	Conductivity_Z067	330-335 m	(mS/m)	-9999999	f10.3
166	CNDZ [68]	Conductivity_Z068	335-340 m	(mS/m)	-9999999	f10.3
167	CNDZ [69]	Conductivity_Z069	340-345 m	(mS/m)	-9999999	f10.3
168	CNDZ [70]	Conductivity_Z070	345-350 m	(mS/m)	-9999999	f10.3
169	CNDZ [71]	Conductivity_Z071	350-355 m	(mS/m)	-9999999	f10.3
170	CNDZ [72]	Conductivity_Z072	355-360 m	(mS/m)	-9999999	f10.3
171	CNDZ [73]	Conductivity_Z073	360-365 m	(mS/m)	-9999999	f10.3
172	CNDZ [74]	Conductivity_Z074	365-370 m	(mS/m)	-9999999	f10.3
173	CNDZ [75]	Conductivity_Z075	370-375 m	(mS/m)	-9999999	f10.3
174	CNDZ [76]	Conductivity_Z076	375-380 m	(mS/m)	-9999999	f10.3
175	CNDZ [77]	Conductivity_Z077	380-385 m	(mS/m)	-9999999	f10.3
176	CNDZ [78]	Conductivity_Z078	385-390 m	(mS/m)	-9999999	f10.3
177	CNDZ [79]	Conductivity_Z079	390-395 m	(mS/m)	-9999999	f10.3
178	CNDZ [80]	Conductivity_Z080	395-400 m	(mS/m)	-9999999	f10.3
179	CNDZ [81]	Conductivity_Z081	400-405 m	(mS/m)	-9999999	f10.3
180	CNDZ [82]	Conductivity_Z082	405-410 m	(mS/m)	-9999999	f10.3
181	CNDZ [83]	Conductivity_Z083	410-415 m	(mS/m)	-9999999	f10.3
182	CNDZ [84]	Conductivity_Z084	415-420 m	(mS/m)	-9999999	f10.3
183	CNDZ [85]	Conductivity_Z085	420-425 m	(mS/m)	-9999999	f10.3
184	CNDZ [86]	Conductivity_Z086	425-430 m	(mS/m)	-9999999	f10.3
185	CNDZ [87]	Conductivity_Z087	430-435 m	(mS/m)	-9999999	f10.3
186	CNDZ [88]	Conductivity_Z088	435-440 m	(mS/m)	-9999999	f10.3
187	CNDZ [89]	Conductivity_Z089	440-445 m	(mS/m)	-9999999	f10.3
188	CNDZ [90]	Conductivity_Z090	445-450 m	(mS/m)	-9999999	f10.3
189	CNDZ [91]	Conductivity_Z091	450-455 m	(mS/m)	-9999999	f10.3
190	CNDZ [92]	Conductivity_Z092	455-460 m	(mS/m)	-9999999	f10.3
191	CNDZ [93]	Conductivity_Z093	460-465 m	(mS/m)	-9999999	f10.3
192	CNDZ [94]	Conductivity_Z094	465-470 m	(mS/m)	-9999999	f10.3
193	CNDZ [95]	Conductivity_Z095	470-475 m	(mS/m)	-9999999	f10.3
194	CNDZ [96]	Conductivity_Z096	475-480 m	(mS/m)	-9999999	f10.3
195	CNDZ [97]	Conductivity_Z097	480-485 m	(mS/m)	-9999999	f10.3
196	CNDZ [98]	Conductivity_Z098	485-490 m	(mS/m)	-9999999	f10.3
197	CNDZ [99]	Conductivity_Z099	490-495 m	(mS/m)	-9999999	f10.3
198	CNDZ [100]	Conductivity_Z100	495-500 m	(mS/m)	-9999999	f10.3

GAWLER AREA 6

JOB NUMBER: 1805
 AREA NUMBER: 6
 SURVEY COMPANY: Fugro Airborne Surveys
 CLIENT: Toro Energy
 SURVEY TYPE: 25Hz TEMPEST Survey
 AREA NAME: Gawler
 STATE: SA
 COUNTRY: Australia
 SURVEY FLOWN: August 2006
 LOCATED DATA CREATED: 3 Oct 2006

DATUM: GDA94
 PROJECTION: MGA
 ZONE: 53

SURVEY SPECIFICATIONS

TRAVERSE LINE SPACING: 1000 m
 TRAVERSE LINE DIRECTION: 000-180 deg
 NOMINAL TERRAIN CLEARANCE: 120 m
 FINAL LINE KILOMETRES: 573.5 km

LINE NUMBERING

TRAVERSE LINE NUMBERS: 60010 – 60370

AREA BOUNDARY (WGS84, UTM53)

457000	6490000
493000	6490000
493000	6475000
457000	6475000

SURVEY EQUIPMENT

AIRCRAFT: CASA C212 Turbo Prop, VH-TEM

MAGNETOMETER: Scintrex Cs-2 Cesium Vapour

INSTALLATION: stinger mount

RESOLUTION: 0.001 nT

RECORDING INTERVAL: 0.2 s

ELECTROMAGNETIC SYSTEM: 25Hz TEMPEST

INSTALLATION: Transmitter loop mounted on the aircraft

Receiver coils in a towed bird

COIL ORIENTATION: X,Z

RECORDING INTERVAL: 0.2 s

SYSTEM GEOMETRY:

RECEIVER DISTANCE BEHIND THE TRANSMITTER: -120 m

RECEIVER DISTANCE BELOW THE TRANSMITTER: -35 m

RADAR ALTIMETER: Sperry RT-220

RECORDING INTERVAL: 0.2 s

NAVIGATION: real-time differential GPS

RECORDING INTERVAL: 1.0 s

ACQUISITION SYSTEM: PDAS-1000

DATA PROCESSING

MAGNETIC DATA

DIURNAL BASE VALUE APPLIED 56120 nT

PARALLAX CORRECTION APPLIED 0.6 s

IGRF BASE VALUE APPLIED 56473 nT

IGRF MODEL 2005 EXTRAPOLATED TO 2006.6

ELECTROMAGNETIC DATA

SYSTEM PARALLAX REMOVED, AS FOLLOWS

X-COMPONENT EM DATA 0.2 s

Z-COMPONENT EM DATA 1.4 s

DATA CORRECTED FOR TRANSMITTER HEIGHT, PITCH AND ROLL

DATA CORRECTED FOR TRANSMITTER-RECEIVER GEOMETRY VARIATIONS

CONDUCTIVITY DEPTH INVERSION CALCULATED EMFlow V5.10

CONDUCTIVITIES CALCULATED USING corrected EM DATA

DIGITAL TERRAIN DATA

PARALLAX CORRECTION APPLIED TO RADAR ALIMETER DATA 0.6 s

PARALLAX CORRECTION APPLIED TO GPS ALIMETER DATA 0.0 s

DTM CALCULATED [DTM = GPS ALTITUDE - RADAR ALTITUDE]

The accuracy of the elevation calculation is directly dependent on the accuracy of the two input parameters, radar altitude and GPS altitude. The radar altitude value may be erroneous in areas of heavy tree cover, where the altimeter reflects the distance to the tree canopy rather than the ground. The GPS altitude value is primarily dependent on the number of available satellites. Although post-processing of GPS data will yield X and Y accuracies in the order of 1-2 metres, the accuracy of the altitude value is usually much less, sometimes in the ± 5 metre range. Further inaccuracies may be introduced during the interpolation and gridding process. Because of the inherent inaccuracies of this method, no guarantee is made or implied that the information displayed is a true representation of the height above sea level. Although this product may be of some use as a general reference,

THIS PRODUCT MUST NOT BE USED FOR NAVIGATION PURPOSES.

ELECTROMAGNETIC SYSTEM

TEMPEST IS A TIME-DOMAIN SQUARE-WAVE SYSTEM,
TRANSMITTING AT A BASE FREQUENCY OF 25Hz,
WITH 2 ORTHOGONAL-AXIS RECEIVER COILS IN A TOWED BIRD.
FINAL EM OUTPUT IS RECORDED 5 TIMES PER SECOND.
THE TIMES (IN MILLISECONDS) FOR THE 15 WINDOWS ARE:

WINDOW	START	END	CENTRE
1	0.007	0.020	0.013
2	0.033	0.047	0.040
3	0.060	0.073	0.067
4	0.087	0.127	0.107
5	0.140	0.207	0.173
6	0.220	0.340	0.280
7	0.353	0.553	0.453
8	0.567	0.873	0.720
9	0.887	1.353	1.120
10	1.367	2.100	1.733
11	2.113	3.273	2.693
12	3.287	5.113	4.200
13	5.127	7.993	6.560
14	8.007	12.393	10.200
15	12.407	19.993	16.200

PULSE WIDTH: 10 ms

TEMPEST EM data are transformed to the response that would be obtained with a B-field sensor for a 100% duty cycle square waveform at the base frequency, involving a 1A change in current (from -0.5A to +0.5A to -0.5A) in a 1sq.m transmitter. It is this configuration, rather than the actual acquisition configuration, which must be specified when modelling TEMPEST data.

LOCATED DATA FORMAT

Output field format : DOS - Flat ascii
Number of fields : 198

Field	Channel	Description	Units	Undefined	Format
----	-----	-----	----	-----	-----
1	LINE	Line		-9999999	i6
2	FLIGHT	Flight		-9999999	i4
3	FID	Fiducial	(s)	-9999999	f8.1
4	LATITUDE	Latitude GDA94	(deg)	-9999999	f13.6
5	LONGITUDE	Longitude GDA94	(deg)	-9999999	f13.6
6	EASTING	Easting MGA53	(m)	-9999999	f11.2
7	NORTHING	Northing MGA53	(m)	-9999999	f12.2
8	TxHeight	GPS height	(m)	-9999999	f8.2
9	Baro	Barometric Altitude	(m)	-9999999	f8.2
10	TxRalt_raw	Raw Radar Altimeter	(m)	-9999999	f8.2
11	TxRalt_final	Final Radar Altimeter	(m)	-9999999	f8.2
12	DTM	DTM	(m)	-9999999	f8.2
13	MAG	Compensated TMI	(nT)	-9999999	f10.3
14	MAG_1VD	Levelled TMI 1VD	(nT/m)	-9999999	f12.5
15	Pitch_Raw	Raw Tx loop pitch	(deg)	-9999999	f10.5
16	Roll_Raw	Raw Tx loop roll	(deg)	-9999999	f10.5
17	HSep_Raw	Raw Tx-Rx horizontal separation	(m)	-9999999	f8.2
18	VSep_Raw	Raw Tx-Rx vertical separation	(m)	-9999999	f8.2
19	Pitch_Final	Final Tx loop pitch	(deg)	-9999999	f10.5
20	Roll_Final	Final Tx loop roll	(deg)	-9999999	f10.5
21	HSep_Final	Final Tx-Rx horizontal separation	(m)	-9999999	f8.2
22	VSep_Final	Final Tx-Rx vertical separation	(m)	-9999999	f8.2
23	EMX_Raw[1]	Raw EMX01 Window	(fT)	-9999999	f12.6
24	EMX_Raw[2]	Raw EMX02 Window	(fT)	-9999999	f12.6
25	EMX_Raw[3]	Raw EMX03 Window	(fT)	-9999999	f12.6
26	EMX_Raw[4]	Raw EMX04 Window	(fT)	-9999999	f12.6

27	EMX_Raw[5]	Raw EMX05 Window	(fT)	-9999999	f12.6
28	EMX_Raw[6]	Raw EMX06 Window	(fT)	-9999999	f12.6
29	EMX_Raw[7]	Raw EMX07 Window	(fT)	-9999999	f12.6
30	EMX_Raw[8]	Raw EMX08 Window	(fT)	-9999999	f12.6
31	EMX_Raw[9]	Raw EMX09 Window	(fT)	-9999999	f12.6
32	EMX_Raw[10]	Raw EMX10 Window	(fT)	-9999999	f12.6
33	EMX_Raw[11]	Raw EMX11 Window	(fT)	-9999999	f12.6
34	EMX_Raw[12]	Raw EMX12 Window	(fT)	-9999999	f12.6
35	EMX_Raw[13]	Raw EMX13 Window	(fT)	-9999999	f12.6
36	EMX_Raw[14]	Raw EMX14 Window	(fT)	-9999999	f12.6
37	EMX_Raw[15]	Raw EMX15 Window	(fT)	-9999999	f12.6
38	EMX_Final[1]	Final EMX01 Window	(fT)	-9999999	f12.6
39	EMX_Final[2]	Final EMX02 Window	(fT)	-9999999	f12.6
40	EMX_Final[3]	Final EMX03 Window	(fT)	-9999999	f12.6
41	EMX_Final[4]	Final EMX04 Window	(fT)	-9999999	f12.6
42	EMX_Final[5]	Final EMX05 Window	(fT)	-9999999	f12.6
43	EMX_Final[6]	Final EMX06 Window	(fT)	-9999999	f12.6
44	EMX_Final[7]	Final EMX07 Window	(fT)	-9999999	f12.6
45	EMX_Final[8]	Final EMX08 Window	(fT)	-9999999	f12.6
46	EMX_Final[9]	Final EMX09 Window	(fT)	-9999999	f12.6
47	EMX_Final[10]	Final EMX10 Window	(fT)	-9999999	f12.6
48	EMX_Final[11]	Final EMX11 Window	(fT)	-9999999	f12.6
49	EMX_Final[12]	Final EMX12 Window	(fT)	-9999999	f12.6
50	EMX_Final[13]	Final EMX13 Window	(fT)	-9999999	f12.6
51	EMX_Final[14]	Final EMX14 Window	(fT)	-9999999	f12.6
52	EMX_Final[15]	Final EMX15 Window	(fT)	-9999999	f12.6
53	X_Sferics	X_Sferics		-9999999	f10.3
54	X_Lowfreq	X_Lowfreq		-9999999	f10.3
55	X_Powerline	X_Powerline		-9999999	f10.3
56	X_VLF1	X_18.2kHz		-9999999	f10.3
57	X_VLF2	X_19.8kHz		-9999999	f10.3
58	X_VLF3	X_21.4kHz		-9999999	f10.3
59	X_VLF4	X_22.2kHz		-9999999	f10.3
60	X_Geofact	X_Geometric factor		-9999999	f10.3
61	EMZ_Raw[1]	Raw EMZ01 Window	(fT)	-9999999	f12.6
62	EMZ_Raw[2]	Raw EMZ02 Window	(fT)	-9999999	f12.6
63	EMZ_Raw[3]	Raw EMZ03 Window	(fT)	-9999999	f12.6
64	EMZ_Raw[4]	Raw EMZ04 Window	(fT)	-9999999	f12.6
65	EMZ_Raw[5]	Raw EMZ05 Window	(fT)	-9999999	f12.6
66	EMZ_Raw[6]	Raw EMZ06 Window	(fT)	-9999999	f12.6
67	EMZ_Raw[7]	Raw EMZ07 Window	(fT)	-9999999	f12.6
68	EMZ_Raw[8]	Raw EMZ08 Window	(fT)	-9999999	f12.6
69	EMZ_Raw[9]	Raw EMZ09 Window	(fT)	-9999999	f12.6
70	EMZ_Raw[10]	Raw EMZ10 Window	(fT)	-9999999	f12.6
71	EMZ_Raw[11]	Raw EMZ11 Window	(fT)	-9999999	f12.6
72	EMZ_Raw[12]	Raw EMZ12 Window	(fT)	-9999999	f12.6
73	EMZ_Raw[13]	Raw EMZ13 Window	(fT)	-9999999	f12.6
74	EMZ_Raw[14]	Raw EMZ14 Window	(fT)	-9999999	f12.6
75	EMZ_Raw[15]	Raw EMZ15 Window	(fT)	-9999999	f12.6
76	EMZ_Final[1]	Final EMZ01 Window	(fT)	-9999999	f12.6
77	EMZ_Final[2]	Final EMZ02 Window	(fT)	-9999999	f12.6
78	EMZ_Final[3]	Final EMZ03 Window	(fT)	-9999999	f12.6
79	EMZ_Final[4]	Final EMZ04 Window	(fT)	-9999999	f12.6
80	EMZ_Final[5]	Final EMZ05 Window	(fT)	-9999999	f12.6
81	EMZ_Final[6]	Final EMZ06 Window	(fT)	-9999999	f12.6
82	EMZ_Final[7]	Final EMZ07 Window	(fT)	-9999999	f12.6
83	EMZ_Final[8]	Final EMZ08 Window	(fT)	-9999999	f12.6
84	EMZ_Final[9]	Final EMZ09 Window	(fT)	-9999999	f12.6
85	EMZ_Final[10]	Final EMZ10 Window	(fT)	-9999999	f12.6
86	EMZ_Final[11]	Final EMZ11 Window	(fT)	-9999999	f12.6
87	EMZ_Final[12]	Final EMZ12 Window	(fT)	-9999999	f12.6
88	EMZ_Final[13]	Final EMZ13 Window	(fT)	-9999999	f12.6
89	EMZ_Final[14]	Final EMZ14 Window	(fT)	-9999999	f12.6
90	EMZ_Final[15]	Final EMZ15 Window	(fT)	-9999999	f12.6
91	Z_Sferics	Z_Sferics		-9999999	f10.3
92	Z_Lowfreq	Z_Lowfreq		-9999999	f10.3
93	Z_Powerline	Z_Powerline		-9999999	f10.3
94	Z_VLF1	Z_18.2kHz		-9999999	f10.3
95	Z_VLF2	Z_19.8kHz		-9999999	f10.3
96	Z_VLF3	Z_21.4kHz		-9999999	f10.3
97	Z_VLF4	Z_22.2kHz		-9999999	f10.3

98	Z_Geofact	Z_Geometric factor			-9999999	f10.3
99	CNDZ [1]	Conductivity_Z001	0- 5 m	(mS/m)	-9999999	f10.3
100	CNDZ [2]	Conductivity_Z002	5- 10 m	(mS/m)	-9999999	f10.3
101	CNDZ [3]	Conductivity_Z003	10- 15 m	(mS/m)	-9999999	f10.3
102	CNDZ [4]	Conductivity_Z004	15- 20 m	(mS/m)	-9999999	f10.3
103	CNDZ [5]	Conductivity_Z005	20- 25 m	(mS/m)	-9999999	f10.3
104	CNDZ [6]	Conductivity_Z006	25- 30 m	(mS/m)	-9999999	f10.3
105	CNDZ [7]	Conductivity_Z007	30- 35 m	(mS/m)	-9999999	f10.3
106	CNDZ [8]	Conductivity_Z008	35- 40 m	(mS/m)	-9999999	f10.3
107	CNDZ [9]	Conductivity_Z009	40- 45 m	(mS/m)	-9999999	f10.3
108	CNDZ [10]	Conductivity_Z010	45- 50 m	(mS/m)	-9999999	f10.3
109	CNDZ [11]	Conductivity_Z011	50- 55 m	(mS/m)	-9999999	f10.3
110	CNDZ [12]	Conductivity_Z012	55- 60 m	(mS/m)	-9999999	f10.3
111	CNDZ [13]	Conductivity_Z013	60- 65 m	(mS/m)	-9999999	f10.3
112	CNDZ [14]	Conductivity_Z014	65- 70 m	(mS/m)	-9999999	f10.3
113	CNDZ [15]	Conductivity_Z015	70- 75 m	(mS/m)	-9999999	f10.3
114	CNDZ [16]	Conductivity_Z016	75- 80 m	(mS/m)	-9999999	f10.3
115	CNDZ [17]	Conductivity_Z017	80- 85 m	(mS/m)	-9999999	f10.3
116	CNDZ [18]	Conductivity_Z018	85- 90 m	(mS/m)	-9999999	f10.3
117	CNDZ [19]	Conductivity_Z019	90- 95 m	(mS/m)	-9999999	f10.3
118	CNDZ [20]	Conductivity_Z020	95-100 m	(mS/m)	-9999999	f10.3
119	CNDZ [21]	Conductivity_Z021	100-105 m	(mS/m)	-9999999	f10.3
120	CNDZ [22]	Conductivity_Z022	105-110 m	(mS/m)	-9999999	f10.3
121	CNDZ [23]	Conductivity_Z023	110-115 m	(mS/m)	-9999999	f10.3
122	CNDZ [24]	Conductivity_Z024	115-120 m	(mS/m)	-9999999	f10.3
123	CNDZ [25]	Conductivity_Z025	120-125 m	(mS/m)	-9999999	f10.3
124	CNDZ [26]	Conductivity_Z026	125-130 m	(mS/m)	-9999999	f10.3
125	CNDZ [27]	Conductivity_Z027	130-135 m	(mS/m)	-9999999	f10.3
126	CNDZ [28]	Conductivity_Z028	135-140 m	(mS/m)	-9999999	f10.3
127	CNDZ [29]	Conductivity_Z029	140-145 m	(mS/m)	-9999999	f10.3
128	CNDZ [30]	Conductivity_Z030	145-150 m	(mS/m)	-9999999	f10.3
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130	CNDZ [32]	Conductivity_Z032	155-160 m	(mS/m)	-9999999	f10.3
131	CNDZ [33]	Conductivity_Z033	160-165 m	(mS/m)	-9999999	f10.3
132	CNDZ [34]	Conductivity_Z034	165-170 m	(mS/m)	-9999999	f10.3
133	CNDZ [35]	Conductivity_Z035	170-175 m	(mS/m)	-9999999	f10.3
134	CNDZ [36]	Conductivity_Z036	175-180 m	(mS/m)	-9999999	f10.3
135	CNDZ [37]	Conductivity_Z037	180-185 m	(mS/m)	-9999999	f10.3
136	CNDZ [38]	Conductivity_Z038	185-190 m	(mS/m)	-9999999	f10.3
137	CNDZ [39]	Conductivity_Z039	190-195 m	(mS/m)	-9999999	f10.3
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140	CNDZ [42]	Conductivity_Z042	205-210 m	(mS/m)	-9999999	f10.3
141	CNDZ [43]	Conductivity_Z043	210-215 m	(mS/m)	-9999999	f10.3
142	CNDZ [44]	Conductivity_Z044	215-220 m	(mS/m)	-9999999	f10.3
143	CNDZ [45]	Conductivity_Z045	220-225 m	(mS/m)	-9999999	f10.3
144	CNDZ [46]	Conductivity_Z046	225-230 m	(mS/m)	-9999999	f10.3
145	CNDZ [47]	Conductivity_Z047	230-235 m	(mS/m)	-9999999	f10.3
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147	CNDZ [49]	Conductivity_Z049	240-245 m	(mS/m)	-9999999	f10.3
148	CNDZ [50]	Conductivity_Z050	245-250 m	(mS/m)	-9999999	f10.3
149	CNDZ [51]	Conductivity_Z051	250-255 m	(mS/m)	-9999999	f10.3
150	CNDZ [52]	Conductivity_Z052	255-260 m	(mS/m)	-9999999	f10.3
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153	CNDZ [55]	Conductivity_Z055	270-275 m	(mS/m)	-9999999	f10.3
154	CNDZ [56]	Conductivity_Z056	275-280 m	(mS/m)	-9999999	f10.3
155	CNDZ [57]	Conductivity_Z057	280-285 m	(mS/m)	-9999999	f10.3
156	CNDZ [58]	Conductivity_Z058	285-290 m	(mS/m)	-9999999	f10.3
157	CNDZ [59]	Conductivity_Z059	290-295 m	(mS/m)	-9999999	f10.3
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161	CNDZ [63]	Conductivity_Z063	310-315 m	(mS/m)	-9999999	f10.3
162	CNDZ [64]	Conductivity_Z064	315-320 m	(mS/m)	-9999999	f10.3
163	CNDZ [65]	Conductivity_Z065	320-325 m	(mS/m)	-9999999	f10.3
164	CNDZ [66]	Conductivity_Z066	325-330 m	(mS/m)	-9999999	f10.3
165	CNDZ [67]	Conductivity_Z067	330-335 m	(mS/m)	-9999999	f10.3
166	CNDZ [68]	Conductivity_Z068	335-340 m	(mS/m)	-9999999	f10.3
167	CNDZ [69]	Conductivity_Z069	340-345 m	(mS/m)	-9999999	f10.3
168	CNDZ [70]	Conductivity_Z070	345-350 m	(mS/m)	-9999999	f10.3

169	CNDZ [71]	Conductivity_Z071	350-355 m	(mS/m)	-9999999	f10.3
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171	CNDZ [73]	Conductivity_Z073	360-365 m	(mS/m)	-9999999	f10.3
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173	CNDZ [75]	Conductivity_Z075	370-375 m	(mS/m)	-9999999	f10.3
174	CNDZ [76]	Conductivity_Z076	375-380 m	(mS/m)	-9999999	f10.3
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178	CNDZ [80]	Conductivity_Z080	395-400 m	(mS/m)	-9999999	f10.3
179	CNDZ [81]	Conductivity_Z081	400-405 m	(mS/m)	-9999999	f10.3
180	CNDZ [82]	Conductivity_Z082	405-410 m	(mS/m)	-9999999	f10.3
181	CNDZ [83]	Conductivity_Z083	410-415 m	(mS/m)	-9999999	f10.3
182	CNDZ [84]	Conductivity_Z084	415-420 m	(mS/m)	-9999999	f10.3
183	CNDZ [85]	Conductivity_Z085	420-425 m	(mS/m)	-9999999	f10.3
184	CNDZ [86]	Conductivity_Z086	425-430 m	(mS/m)	-9999999	f10.3
185	CNDZ [87]	Conductivity_Z087	430-435 m	(mS/m)	-9999999	f10.3
186	CNDZ [88]	Conductivity_Z088	435-440 m	(mS/m)	-9999999	f10.3
187	CNDZ [89]	Conductivity_Z089	440-445 m	(mS/m)	-9999999	f10.3
188	CNDZ [90]	Conductivity_Z090	445-450 m	(mS/m)	-9999999	f10.3
189	CNDZ [91]	Conductivity_Z091	450-455 m	(mS/m)	-9999999	f10.3
190	CNDZ [92]	Conductivity_Z092	455-460 m	(mS/m)	-9999999	f10.3
191	CNDZ [93]	Conductivity_Z093	460-465 m	(mS/m)	-9999999	f10.3
192	CNDZ [94]	Conductivity_Z094	465-470 m	(mS/m)	-9999999	f10.3
193	CNDZ [95]	Conductivity_Z095	470-475 m	(mS/m)	-9999999	f10.3
194	CNDZ [96]	Conductivity_Z096	475-480 m	(mS/m)	-9999999	f10.3
195	CNDZ [97]	Conductivity_Z097	480-485 m	(mS/m)	-9999999	f10.3
196	CNDZ [98]	Conductivity_Z098	485-490 m	(mS/m)	-9999999	f10.3
197	CNDZ [99]	Conductivity_Z099	490-495 m	(mS/m)	-9999999	f10.3
198	CNDZ [100]	Conductivity_Z100	495-500 m	(mS/m)	-9999999	f10.3

APPENDIX V – List of all Supplied Data and Products

Final Located Data

Gawler[1-6]_final.hdr - text header file describing contents of ascii datafile (as shown in Appendix IV)
Gawler[1-6]_final.zip - zipped ascii file containing final EM, magnetics and digital elevation data
Gawler[1-6]_final.gdb - Geosoft database (same fields as in ascii data)
Gawler[1-6]_final.i4 - import template file for importing ascii data into a Geosoft database

Final Gridded Products (delivered in **ERMapper** format, *datum/projection = GDA94/MGA53*)

- Total Magnetic Intensity (<area>_MagF)
- Digital Elevation Model (<area>_dtmF)
- Depth to Basement (<area>_base_depthF)
- Depth to Basement strips (<area>_base_depthF_strips [areas 3-6 only])
- Elevation of Basement (<area>_base_elevF)
- Elevation of Basement strips (<area>_base_elevF_strips [areas 3-6 only])

Final Digital Map Products (as **HPGL plotfiles** and **png** images)

- CDI-multiplots of EM Z-component data @ 1:25,000
- Stacked CDI sections of EM Z-component data @ 1:25,000

Final Acquisition and Processing Report

Delivered as hardcopy and digitally

Minotaur Exploration Ltd
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ANNUAL TECHNICAL REPORT

**EL 3460 NUCKULLA HILL
SOUTH AUSTRALIA**

FOR YEAR ENDING 28th NOVEMBER 2007



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ANNUAL TECHNICAL REPORT

EL 3460 NUCKULLA HILL SOUTH AUSTRALIA

FOR YEAR ENDING 28th NOVEMBER 2007

R.B. Flint and J.M. Godsmark

August 2008

SUMMARY OF WORK UNDERTAKEN

- Review of existing geological and geophysical data,
- Drilling of twenty-one aircore holes (NH07A01–NH07A21) along an E–W transect across the northern portion of the Yarlbrinda Shear Zone,
- Rehabilitation of all aircore drill sites and access tracks,
- Completion of a biogeochemical survey (38 samples) along an E–W transect across the Yarlbrinda Shear Zone.

MAP REFERENCE: 1:250 000:
MAP REFERENCE: 1:100 000:
DISTRIBUTION:

CHILDARA (SI 53-14)
Meelera (5835) and Childara (5834)
PIRSA
MINOTAUR EXPLORATION LTD
EQUINOX RESOURCES LTD
TORO ENERGY

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- B: NH07A01-21 lithology logs, digital format only
- C: NH07A01-21 downhole assay data, digital format only
- D: Nuckulla Hill biogeochemical survey data, digital format only

1.0 INTRODUCTION

EL 3460 (Nuckulla Hill) (formerly EL 2761) is situated near the western margin of the Gawler Ranges on the central portion of the Gawler Craton, central South Australia (Figure 1). Licensee for the tenement is Equinox Resources Ltd and the tenement is subject to a joint venture with Minotaur Exploration Ltd as operator. EL 3460 was granted on 29th November 2005 for a period of 3 years and encompasses an area of 311 km².

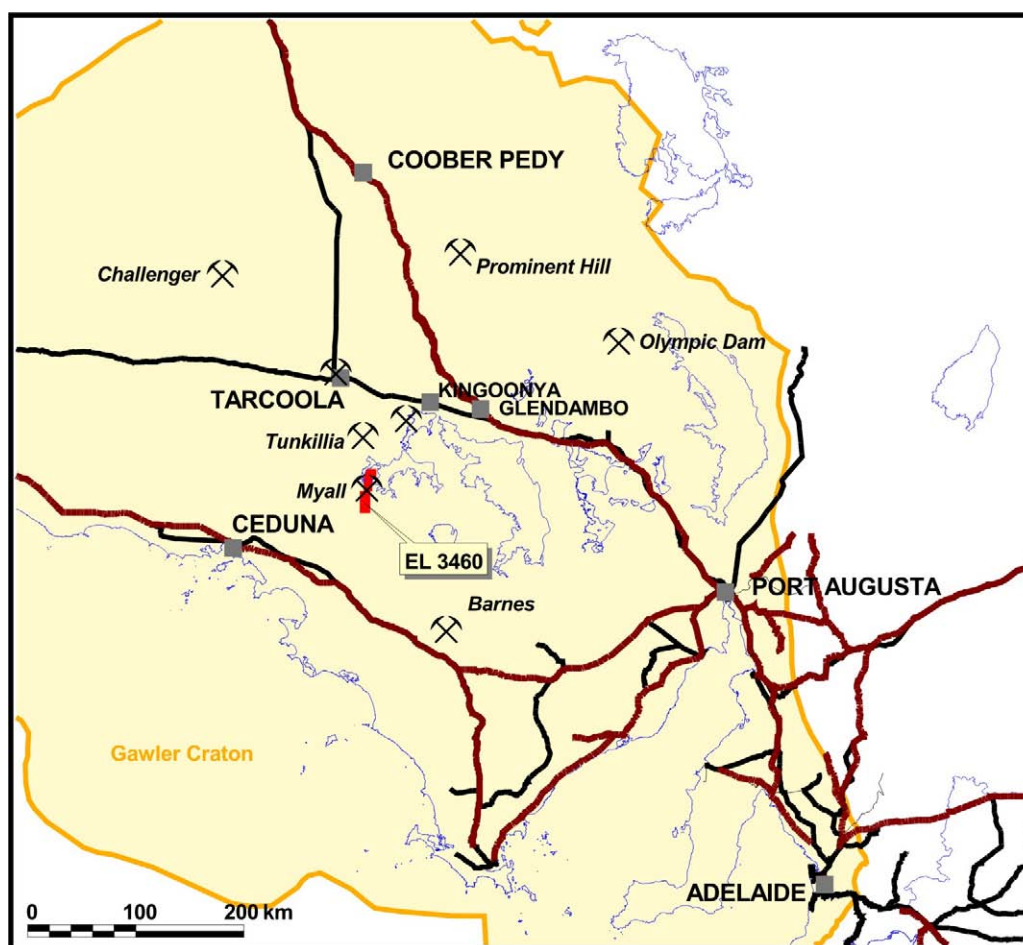


Figure 1: Location plan for EL 3460, South Australia

Rock exposures of Mesoproterozoic Gawler Range Volcanics and Hiltaba Granite occur extensively within the Gawler Ranges, but to the west and encompassing a significant portion of EL 3460, exposures are limited (Blissett, 1980; Blissett, 1985; Blissett et al, 1993) (Figure 2). Concealed beneath a thin veneer of Cainozoic sediments is the N–S Yarlbrinda Shear Zone along which are several prospects containing quartz-vein hosted gold mineralisation (Tunkillia, Myall and Sheoak). These prospects were discovered by Equinox Resources during 1995–1997. Initial calcrete sampling was successful and subsequent

exploration included RAB, RC and diamond drilling programs, encountering significant anomalous gold. Intercepts included 7 m at 3.1 g/t Au (52-59 m in NHAC26) and 22 m at 1.1 g/t Au (113-135 m in NHRC-1) at the Sheoak Prospect (Parker, 2003).

Further north along the shear zone is the Tunkillia Prospect where Helix Resources defined a total resource in accordance with the JORC Code for the Tunkillia Prospect (Area 223) of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). This was modified by Minotaur Exploration in 2007 with Area 223 having a total gold inventory of 800,000 ounces, comprising an oxide resource of 5.7 million tonnes at 1.3 g/t Au (230,000 ounces) at 0.5 g/t cutoff, and a sulphide resource of 8.6 million tonnes at 2.1 g/t Au (570,000 ounces) at 1.0 g/t cutoff (Gee et al, 2007). Host rocks within the Yarlbirinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite.

Within the Central Gawler Gold Province, gold is believed to be associated with hydrothermal fluids emanating from Mesoproterozoic Hiltaba Suite plutons or batholiths in comparison to the eastern Gawler Craton where mineralised systems are haematite-rich and polymetallic (gold, copper, uranium and rare earths) within IOCG-style deposits.

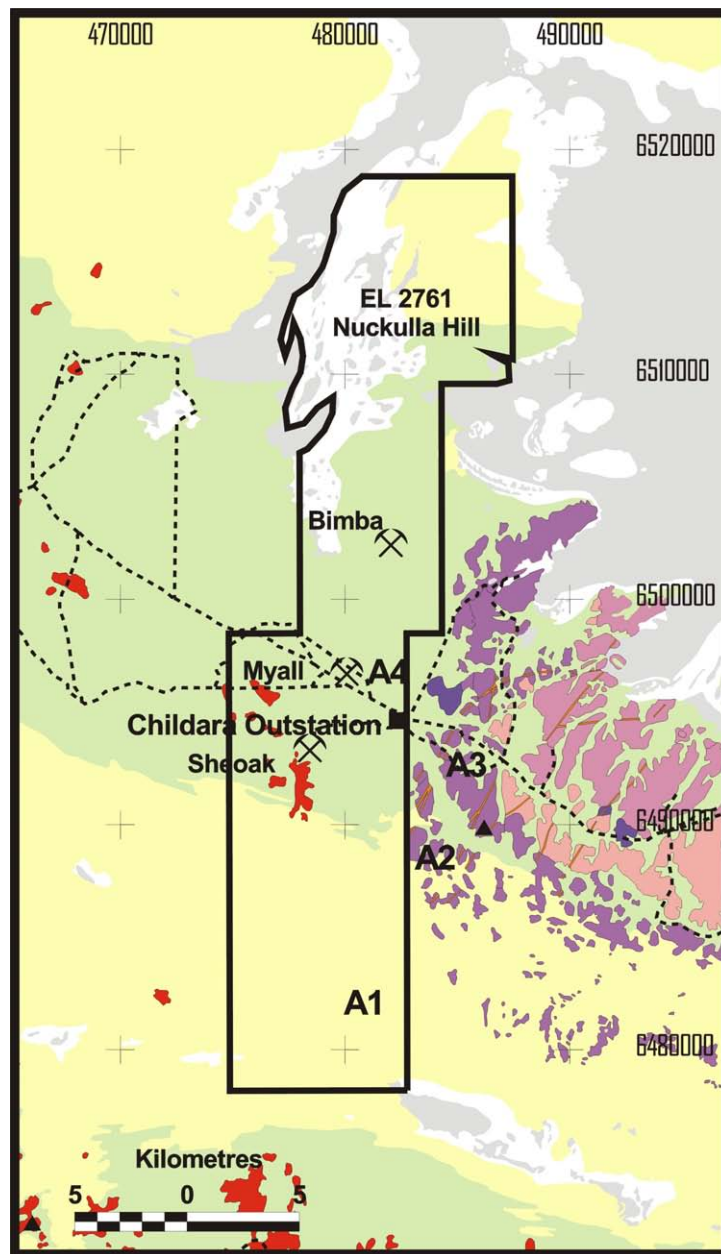


Figure 2: Outcrop geology of the Nuckulla Hill area, after Blissett (1980), and location of gravity anomalies (A1–A4) on EL 3460 (Nuckulla Hill) (formerly EL 2761).

2.0 REGIONAL GEOLOGY AND TECTONICS

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, granitoids emplaced include the Tunkillia Suite (~1690 Ma) and St Peter Suite (~1620 Ma), and were probably synorogenic with associated deformation during late stages of the Kimban and Kararan Orogenies. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and N-trending Yarlbirinda Shear Zone. The Yarlbirinda Shear Zone (west of the Gawler Ranges) and Yerda Shear Zone are up to several kilometres wide with ductile shearing and deformation probably occurring before ~1600 Ma and before Mesoproterozoic anorogenic magmatism (Daly et al, 1998) (Figure 3).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu-Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralisation at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993). Displacements along NE- and NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.

3.0 REGIONAL MINERALISATION

Quartz-vein hosted gold mineralisation is known from several prospects along the Yarlbirinda Shear Zone (Tunkillia, Myall and Sheoak) (Figure 3) and also further north at the historical Glenloth and Tarcoola Goldfields. At all these localities, gold is believed to be associated with hydrothermal fluids emanating from a Hiltaba Suite pluton or batholith.

Further north along the shear zone is the Tunkillia Prospect where Helix Resources defined a total resource in accordance with the JORC Code for the Tunkillia Prospect (Area 223) of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). This was modified by Minotaur Exploration in 2007 with Area 223 having a total gold inventory of 800,000 ounces, comprising an oxide resource of 5.7 million tonnes at 1.3 g/t Au (230,000

ounces) at 0.5 g/t cutoff, and a sulphide resource of 8.6 million tonnes at 2.1 g/t Au (570,000 ounces) at 1.0 g/t cutoff (Gee et al, 2007). Host rocks within the Yarlbirinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite.

Near the southwest Gawler Ranges (SE of the Yarlbirinda Shear Zone), gold mineralisation at the Barnes and White Tank prospects discovered by Adelaide Resources Ltd is spatially near Hiltaba Suite granitoids though hosted within Tunkillia Suite granodiorite. Significant gold intersections include 12 m at 3.38 g/t (RCBN123), 6 m at 4.40 g/t (RCBN51), 8 m at 2.97 g/t (RHBN50) and 2 m at 67.6 g/t (RCBN129) (Barnes Prospect) and 17 m at 3.47 g/t Au (White Tank) (Drown, 2003).

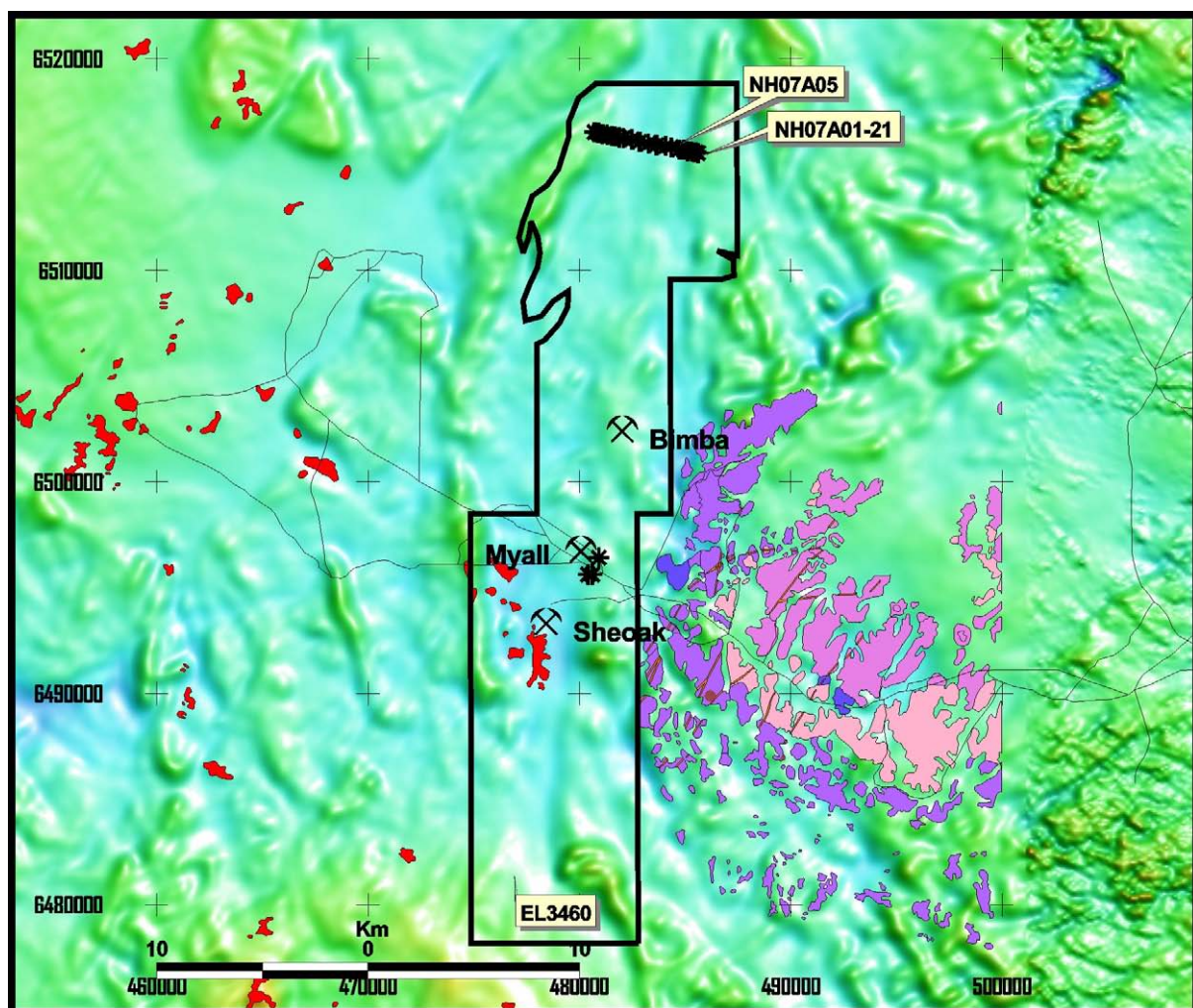


Figure 3: TMI image for EL 3460 (PIRSA data)

4.0 PREVIOUS EXPLORATION

This report represents the second annual technical report for EL 3460 and follows previous annual technical reports for tenement EL 2761 (precursor tenement to EL 3460) by Flint (2006, 2007).

Haines Surveys Pty Ltd conducted gravity surveys within EL 3460 in 2003, 2004 and March–June 2005 resulting in a total of 1443 stations with all data merged to produce regional Bouguer, residual and first vertical derivative gravity images (Figures 4–5).

During late 2004, Minotaur Resources Ltd successfully applied for a grant from Primary Industries and Resources of South Australia (PIRSA) through its Plan for Accelerated Exploration (PACE) to drill test two gravity anomalies in close proximity to the Yarlbinda Shear Zone on the southern part of EL 3460. The drilling aimed to investigate whether haematite-rich breccia pipes and subvolcanic complexes similar in style to typical Mesoproterozoic IOCG deposits of the eastern Gawler Craton occurs within EL 3460. Drilling of three RC holes (NK05R001–NK05R003) revealed that the gravity anomalies were caused by deformed gabbroic lithologies interlayered with gneissic granite (Flint, 2005; 2006).

During July–August 2006, Fugro Airborne Surveys carried out for Toro Energy a regional airborne EM survey southwest and southeast of Nuckulla Hill, including portions of EL 3460 along with adjoining tenements EL 3166 (Childara Well) and EL 3094 (Glyde Hill). Approximately 100 line-km were flown on EL 3460 using a flight-line spacing of 1 km along N–S lines (Flint, 2007).

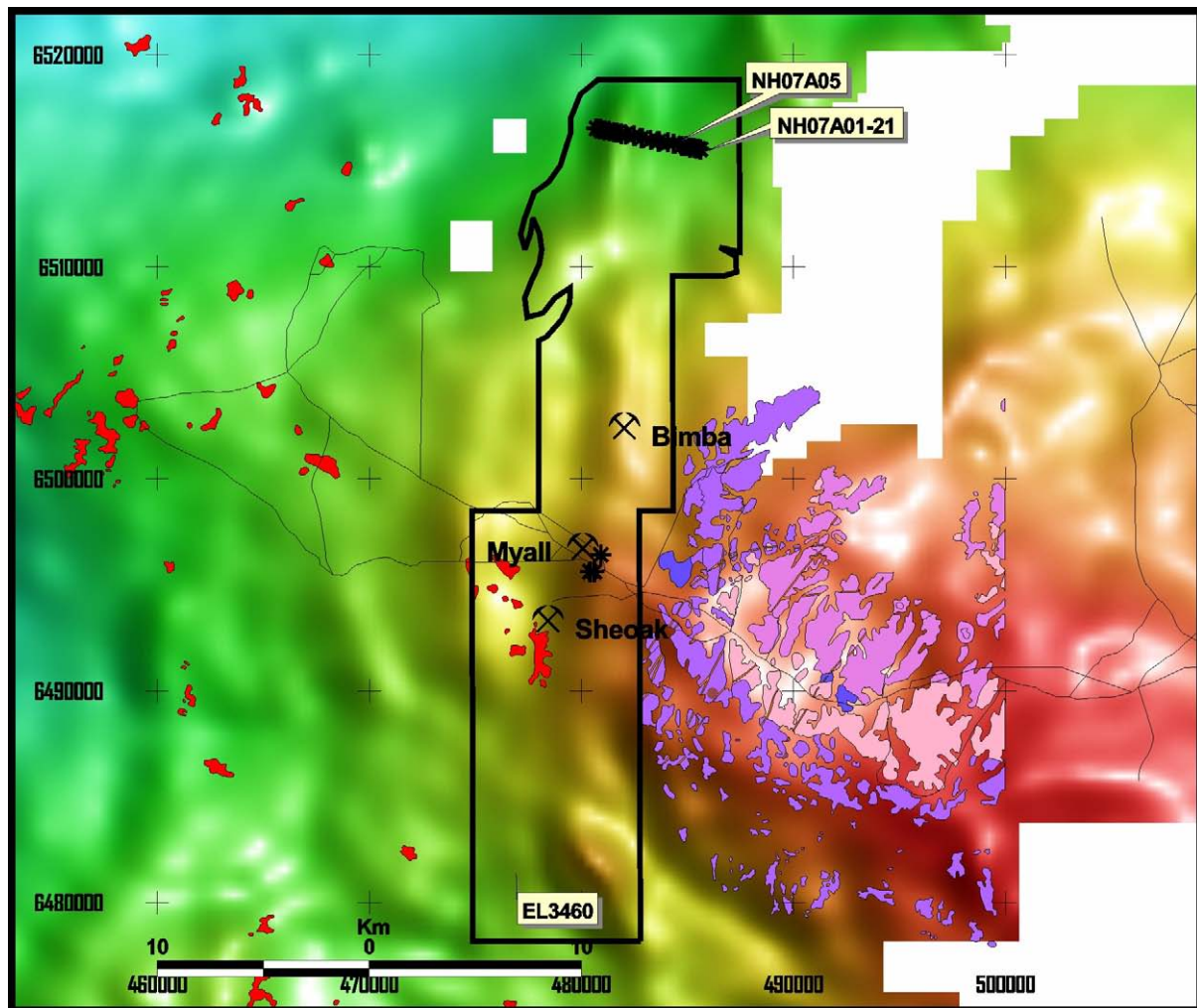


Figure 4: Bouguer gravity image for EL 3460 Nuckulla Hill

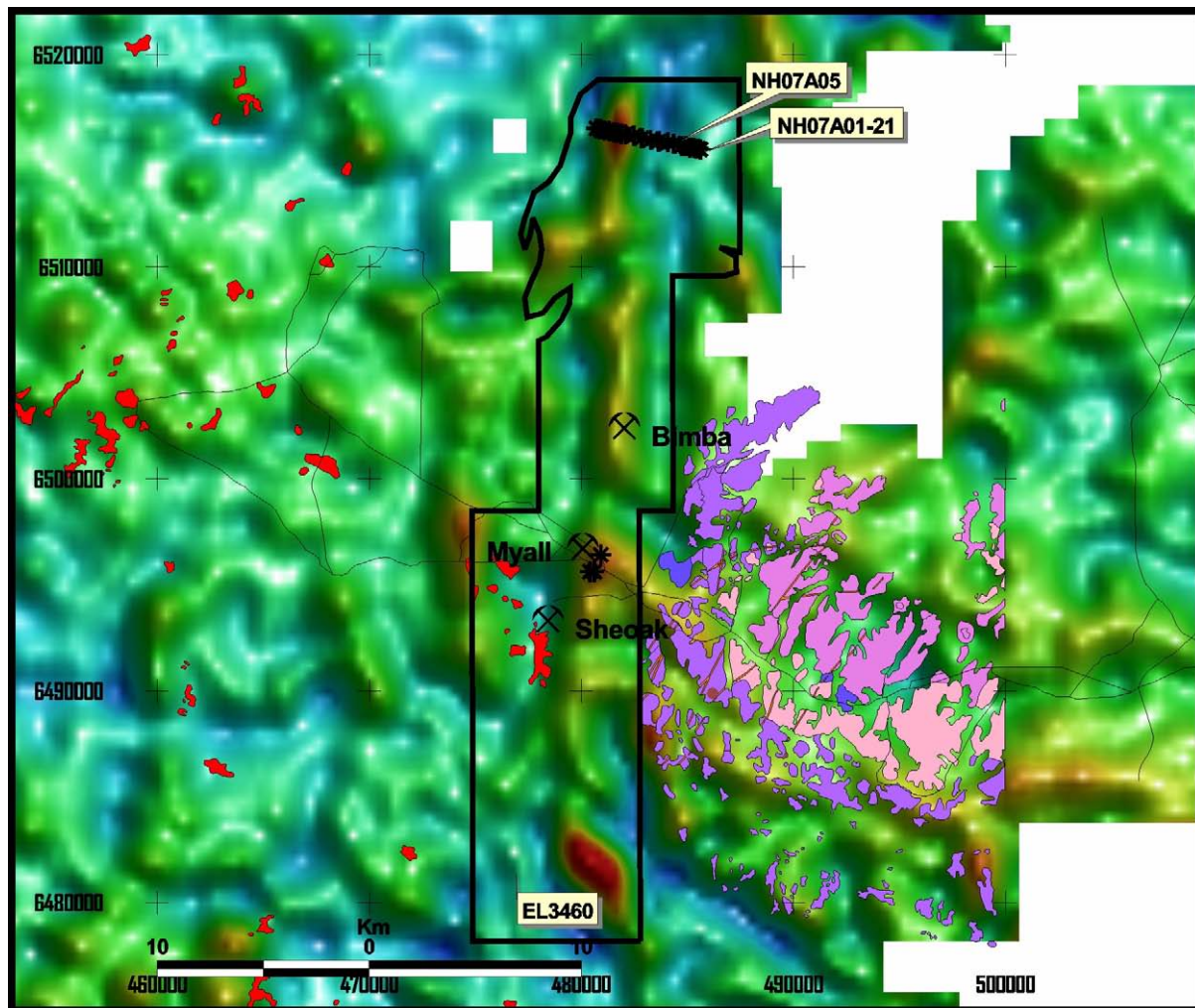


Figure 5: First vertical derivative gravity image for EL 3460 Nuckulla Hill

5.0 EXPLORATION ACTIVITIES DURING PAST 12 MONTHS

During the past 12 months, exploration activities have included:

- Review of existing geological and geophysical data,
- Planning and completing a 21 hole aircore drilling program along an E–W transect across the northern portion of the Yarlbirinda Shear Zone (holes NH07A01–NH07A21),
- Rehabilitation of aircore drill sites and access tracks,
- Undertaking a biogeochemical survey (38 samples) along an E–W transect across the Yarlbirinda Shear Zone.

5.1 DRILLING

A ~25 km long, N–S linear gravity anomaly, with an amplitude up to 4 mGals, trends along the western margin of the Yarlbirinda Shear Zone and was the focus of an aircore drilling program completed in August 2007. An E–W transect incorporating 21 vertical drillholes was undertaken by Bullion Drilling across the gravity anomaly and the adjacent Yarlbirinda Shear Zone (Figures 6-8, Table 1, Appendix A).

The gravity feature had not been previously recognised or drilled tested. It coincides with zones of magnetic quiescence and the geophysical feature was interpreted to represent either IOCG-style mineralisation (haematite dominate) or a non-magnetic gabbro/diorite which may have served as a chemical trap for any Au-rich fluids within the Yarlbirinda Shear Zone conduit at ~1590 Ma (Figure 6).

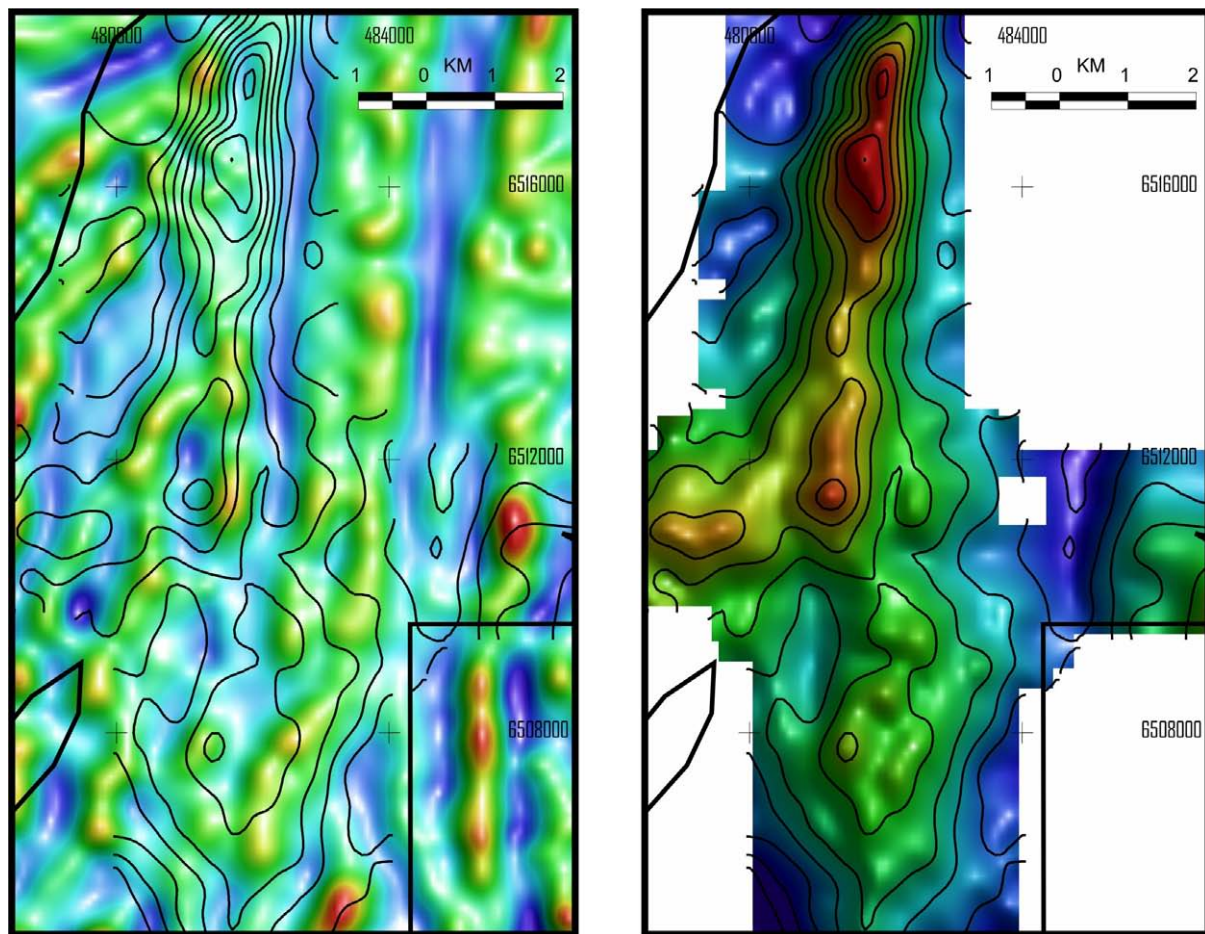


Figure 6: Residual gravity image and contours (right) and residual gravity contours superimposed on TMI-RTP-cnorm image (left) for northern portion of EL 3460

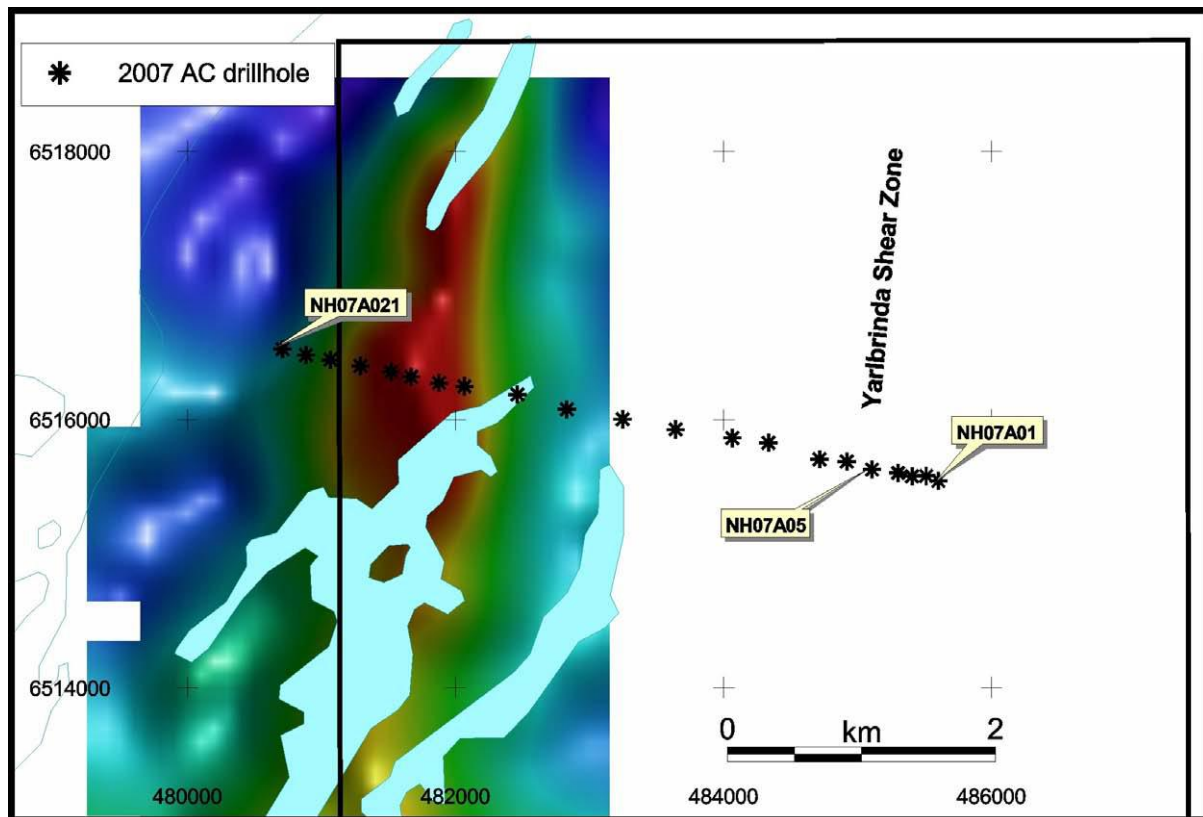


Figure 7: AC drill hole collars NH07A01-NH07A21 superimposed on residual gravity for northern EL 3460.

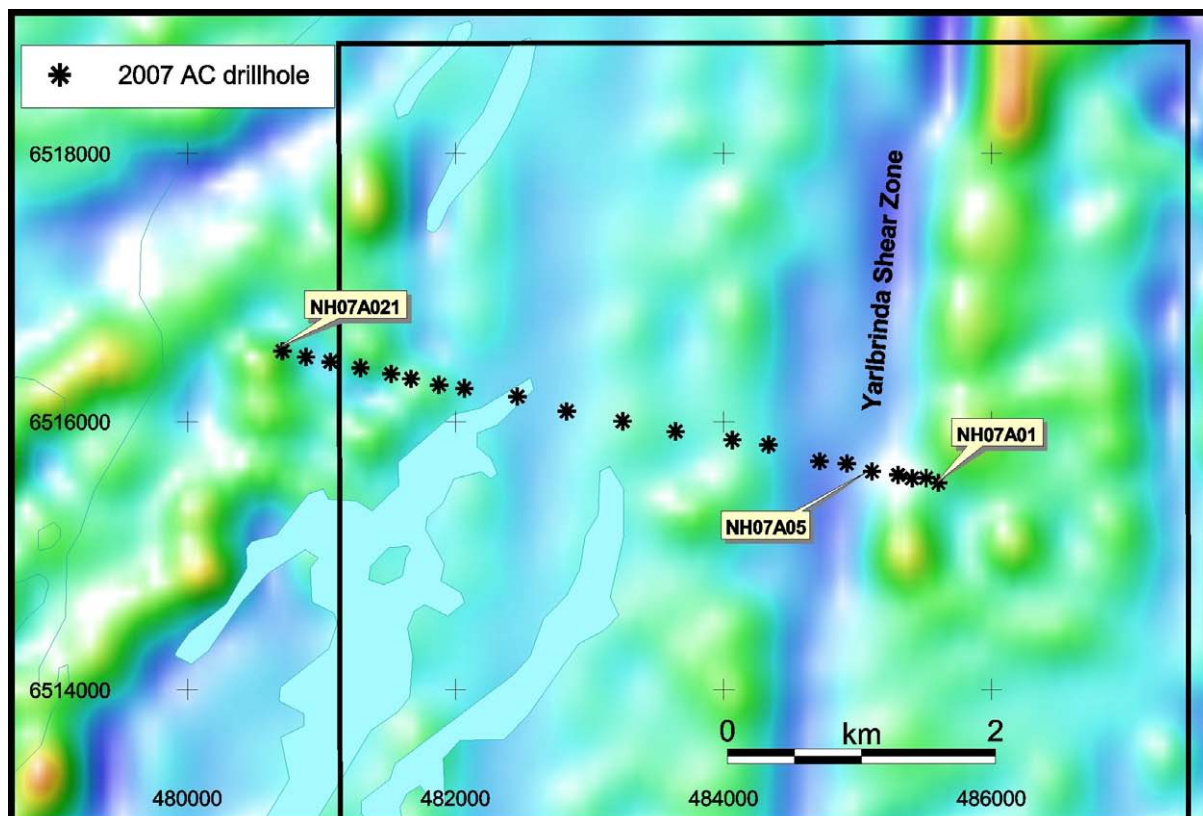


Figure 8: AC drillholes superimposed on 1VD-TMI-RTP image for northern EL 3460.

Hole ID	GDA94_mE	GDA94_mN	Dip	Azimuth	Depth
NH07A01	485600	6515540	90	360	44
NH07A02	485509	6515576	90	360	38
NH07A03	485403	6515573	90	360	49
NH07A04	485300	6515600	90	360	46
NH07A05	485105	6515624	90	360	55
NH07A06	484915	6515684	90	360	53
NH07A07	484712	6515700	90	360	49
NH07A08	484331	6515823	90	360	57
NH07A09	484062	6515860	90	360	44
NH07A10	483640	6515923	90	360	42
NH07A11	483243	6516000	90	360	38
NH07A12	482826	6516074	90	360	30
NH07A13	482459	6516184	90	360	59
NH07A14	482062	6516245	90	360	54
NH07A15	481666	6516316	90	360	32
NH07A16	481517	6516352	90	360	33
NH07A17	481063	6516444	90	360	51
NH07A18	480880	6516478	90	360	54
NH07A19	480705	6516523	90	360	49
NH07A20	481287	6516398	90	360	32
NH07A21	481874	6516271	90	360	38

Table 1: Collar details of aircore holes NH07A01-NH07A21.

Below covering sands, clays and other sediments, the 21 aircore holes typically intersected saprolite derived from granitoids and dolerite bodies (Tables 2–3). Variable alteration (sericite, haematite and chlorite), shearing, brecciation and veining were noted in the geological logging (Appendix B).

All holes were sampled from surface with 4 m composite samples collected in calico bags from the 1 m bulk sample bags. At the end of hole, 1 m samples or 2–3 m composites were taken if the depth of hole was not a multiple of 4 m. All composite samples were sent to ALS Laboratories for multi-element analysis. No geochemically anomalous results were returned (Appendix C). The highest copper assays returned <100 ppm Cu. A single anomalous gold result of 0.38ppm Au was achieved from the 52-55m (end of hole) sample of NH07A05, but all other gold values were at or below detection limit.

The coincident gravity-magnetic anomaly was not adequately explained by the lithologies intersected in these shallow aircore holes, however, the lack of any anomalous geochemistry indicates that the geophysical features do not reflect an IOCG-mineralised system. As a final follow-up, a biogeochemical survey was planned across the unexplained geophysical feature and the adjacent Yarlbirinda Shear Zone (Section 5.2).

Typical weathering profile (listed surface downwards)
Aeolian sands +/- calcrete
+/- Hardpan clay/lag
Red clayey sand and fine gravel
+/- Mottled or puggy or black organic or grey reduced clay
+/- Silicified coarse sand
Bleached saprolitic clay
Saprolite

Table 2: Typical weathering profile intersected in holes NH07A01-21.

Hole ID	End of hole geology	Interpretation
NH07A01	sheared granitoid	Palaeoproterozoic
NH07A02	weakly brecciated granite, minor sericite veining	Palaeoproterozoic
NH07A03	intensely sheared and crackle brecciated granitoid, moderate sericite veining	Palaeoproterozoic
NH07A04	weakly sheared granitoid, minor sericite	Palaeoproterozoic
NH07A05	highly altered granitoid, sericitic and haematite-stained	Palaeoproterozoic
NH07A06	sericitic sheared granitoid, minor quartz veining	Palaeoproterozoic
NH07A07	sheared granitoid/granite-gneiss, weakly sericitic	Palaeoproterozoic
NH07A08	quartz-feldspar granite-gneiss saprock, minor quartz veining	Palaeoproterozoic
NH07A09	milled qtz-feld granite-gneiss, haematite dusted and stained, occasional crackle breccia, minor chlorite	Palaeoproterozoic
NH07A10	strongly foliated dolerite, trace pyrite	Palaeoproterozoic
NH07A11	quartz-feldspar granite-gneiss, very strongly sheared/mylonitic, minor sericite	Palaeoproterozoic
NH07A12	sandy/ gravelly silcrete	Tertiary
NH07A13	granite, limonitic staining, occasional pyrite/marcasite	Palaeoproterozoic
NH07A14	coarse grained granite, limonitic in fractures	Palaeoproterozoic
NH07A15	dolerite, strongly chloritic, minor sheared granitoid	Palaeoproterozoic
NH07A16	granodiorite, mafics mostly oxidised	Palaeoproterozoic
NH07A17	granitoid, limonite-stained	Palaeoproterozoic
NH07A18	granodiorite, limonite stained	Palaeoproterozoic
NH07A19	pale gray-green granitoid, weakly sericitised	Palaeoproterozoic
NH07A20	chloritic granodiorite	Palaeoproterozoic
NH07A21	strongly sheared/mylonitic granite-gneiss	Palaeoproterozoic

Table 3: Summary end-of-hole geology intersected in holes NH07A01-21.

5.2 BIOGEOCHEMICAL SURVEY

As the landscape within the Nuckulla Hill area in the Central Gawler Craton is well vegetated, biogeochemical exploration was trialed in the hope that the method would prove an effective and inexpensive low environmental impact exploration tool.

Aerial plant tissue can be easily collected and analysed to obtain information about the sub-surface geochemistry as tapped by the plant's root systems and translated into the leaves, fruit, twigs or wood. The effectiveness of the sub-surface insight is dependant on the depth and style of the plant's root system, which in arid environments can extend tens of metres (Canadell et al. 1996; Hulme and Hill, 2005).

The Nuckulla Hill biogeochemical transect was planned to repeat/infill the WNW–ESE trending Nuckulla Hill North 2007 aircore line, drilled over a linear gravity high-magnetic low feature and the adjacent Yarlbirinda Shear Zone (Section 5.1). Hole NH07A05 returned a bottom of hole assay of 0.38ppm Au at 52–55m.

5.2.1 METHODOLOGY

Plant species were selected to represent the local vegetation communities and the species chosen are locally and regionally widespread throughout the central and western Gawler Craton.

A total of 38 samples were taken from two species on the Nuckulla Hill transect, notably Black Oak (*Casuarina pauper*) and Daisy Bluebush (*Cratystylis conocephala*) (Table 4). Both species are abundant along the length of the transect.

PLANT SPECIES	NO. OF SAMPLES
<i>Casuarina pauper</i> (Black Oak)	20
<i>Cratystylis conocephala</i> (Daisy Bluebush)	18
TOTAL	38

Table 4: Plant species sampled over the Nuckulla Hill transect.

The methodology utilised followed the procedure employed by Lowrey (2007) and as summarized below.

Samples of leaves were taken from around the plant canopy at sampling locations of 100-400 m intervals. All vegetation samples were collected according to the procedure outlined by Hill and Hill (2003), except that samples were entirely collected by hand using powder-free latex gloves rather than using Teflon-coated pruning clippers. Care was taken to avoid detrital contamination by sampling away from any previous drill holes and/or drill spill.

Samples were stored in brown paper bags until dry. Leaves were removed from twigs under clean working conditions at Minotaur Exploration's Adelaide office. Powder-free latex gloves were worn at all times during this refining process. The samples were re-packaged into snap-lock plastic bags and transported to ACME Laboratories in Canada for further sample preparation including oven drying at 60°C, sieving the sample to -80 mesh and pulverising to powder.

The pre-analysis sample digestion consisted of a 1 g sample being leached with concentrated HNO₃ for 1 hour. A modified aqua regia solution of equal parts concentrated HCl and HNO₃ and de-mineralised H₂O was then added to each sample to leach at 95°C for 1 hour. After cooling, the solution was made up to a final volume of 20 ml with 5% HCl and was then filtered. The digested solutions were analysed using inductively coupled plasma mass spectrometry (ICP-MS) for 53 elements (detection limit for each element is in parentheses) including: Ag (2 ppb), Al (0.01 %), As (0.1 ppm), Au (0.2 ppb), B (1 ppm), Ba (0.1 ppm), Be (0.1 ppm), Bi (0.02 ppm), Ca (0.01 %), Cd (0.01 ppm), Ce (0.01 ppm), Co (0.01 ppm), Cr (0.1 ppm), Cs (0.005 ppm), Cu (0.01 ppm), Fe (0.001 %), Ga (0.1 ppm), Ge (0.1 ppm), Hf (0.001 ppm), Hg (1 ppb), In (0.02 ppm), K (0.01 %), La (0.01 ppm), Li (0.01 ppm), Mg (0.001 %), Mn (1 ppm), Mo (0.01 ppm), Na (0.01 %), Nb (0.01 ppm), Ni (0.1 ppm), P (0.001 %), Pb (0.01 ppm), Pd (2 ppb), Pt (1 ppb), Rb (0.1 ppm), Re (1 ppb), S (0.01 %), Sb (0.02 ppm), Sc (0.1 ppm), Se (0.1 ppm), Sn (0.02 ppm), Sr (0.5 ppm), Ta (0.001 ppm), Te (0.02 ppm), Th (0.01 ppm), Ti (1 ppm), Tl (0.02 ppm), U (0.01 ppm), V (2 ppm), W (0.1 ppm), Y (0.001 ppm), Zn (0.1 ppm), Zr (0.01 ppm).

The results of these assays are presented as Appendix D. Sample duplicates (one in thirty four samples) and control blanks were used for quality assurance/quality control purposes.

5.2.2 RESULTS & CONCLUSIONS

A broad zone of gold anomalism has been detected by biogeochemical sampling across the Yarlbirinda Shear Zone, in proximity to the isolated NH07A05 high Au aircore sample (Figure 9).

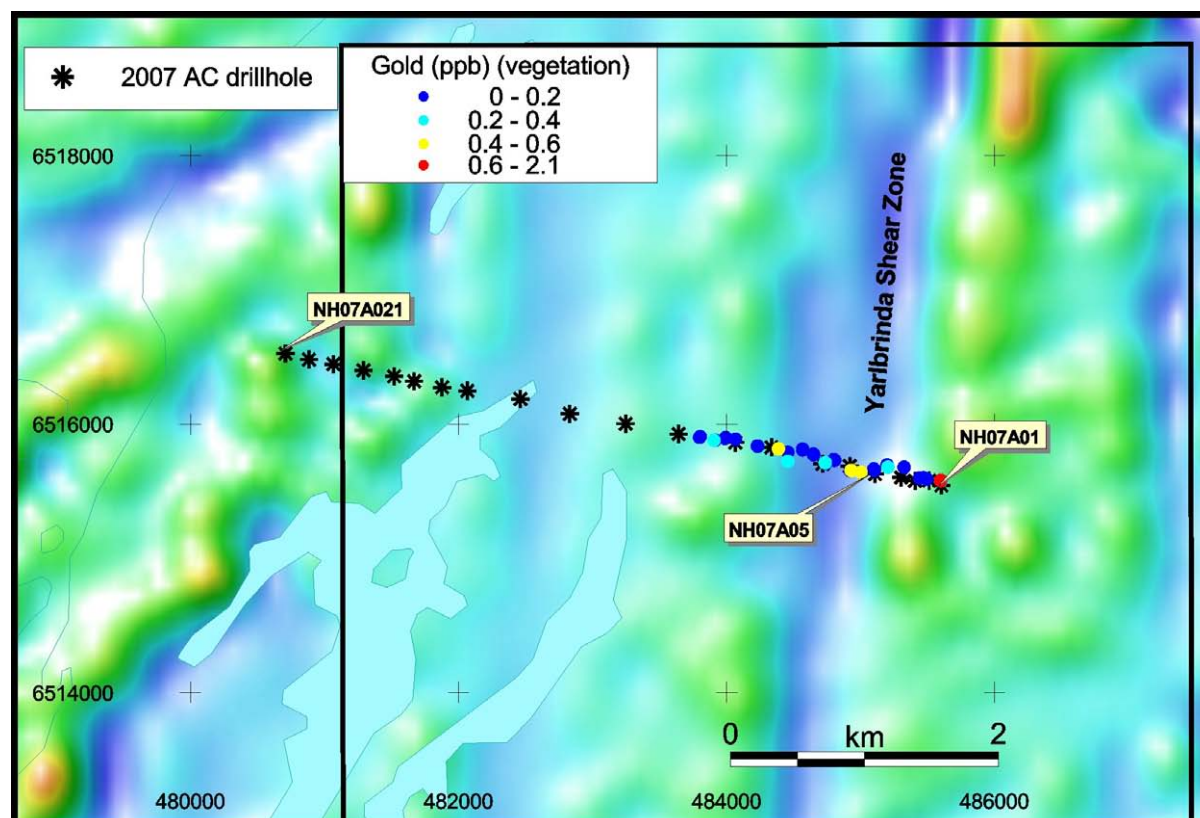


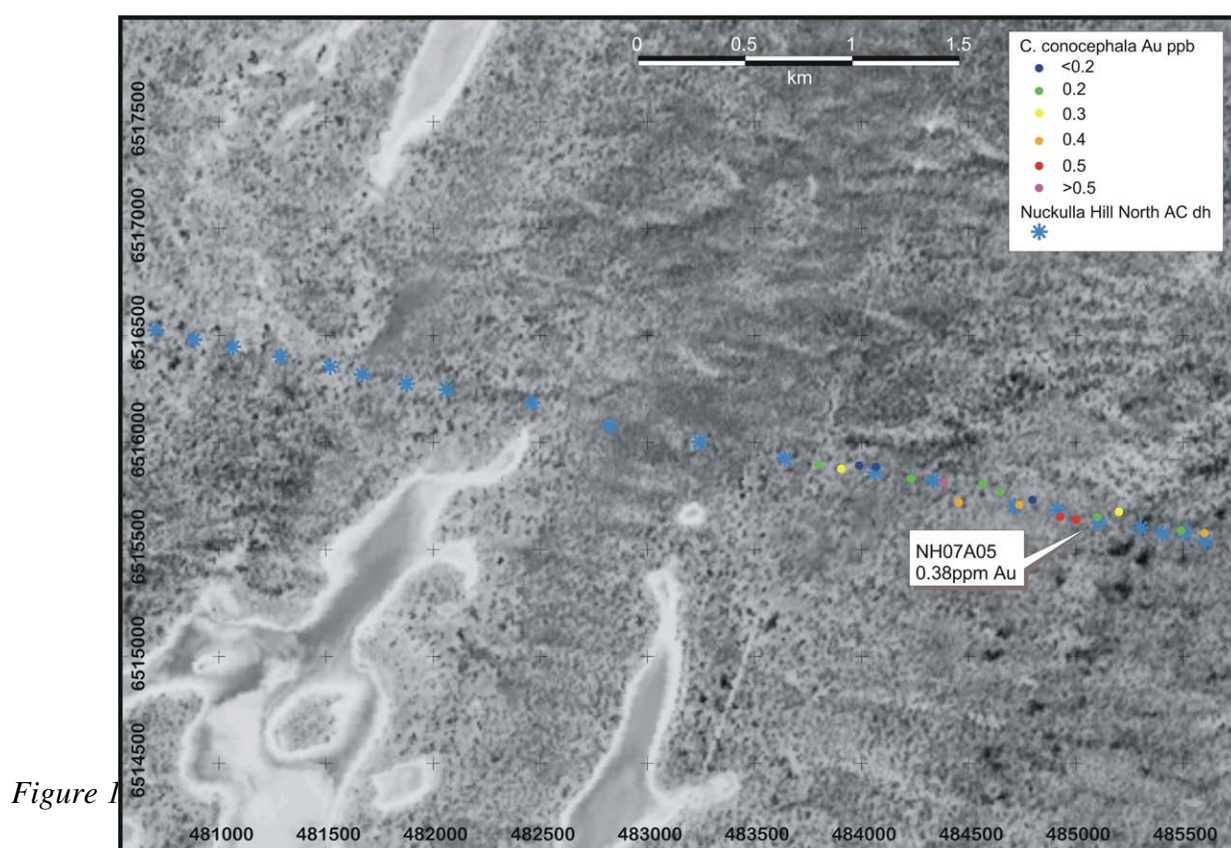
Figure 9: Gold results from vegetation samples and collars of 2007 aircore holes, including NH07A05 (0.38ppm Au at 52-55m), draped over 1VD-TMI-RTP image for northern EL 3460.

Casuarina pauper (Black Oak) assays show a similar pattern in graphed examples Au, Ag and Cu, while Pb and Zn appear to have an irregular distribution along the transect (Figures 11–15). Four *Casuarina pauper* vegetation samples returned values of ≥ 0.2 ppb Au adjacent to the collar position of NH07A05 presenting a discrete gold anomaly without significant lateral extent.

Lowrey (2007) noted that although all species sampled further north on EL3403 (Lake Everard) provided high gold assays over known mineralisation, *Casuarina pauper* phyllodes show exceptional definition of gold mineralisation with elevated Au from sites near mineralisation and consistently below the analytical detection limit in ‘background settings’.

This supports the concept of plant roots being able to penetrate through regolith carbonate and reflect the ‘true’ mineralisation potential of the underlying saprolite (Lowrey, 2007) and in the Nuckulla Hill North instance, perhaps indicates that the gold mineralisation is very discrete.

Two *Cratystylis conocephala* (Daisy Bluebush) samples immediately adjacent to the NH07A05 collar assayed at 0.5 ppb Au, indicating that this species is also flagging the same isolated Au anomalism highlighted by *Casuarina pauper* sampling and aircore sampling of basement rock (Figure 10).



The *Cratystylis conocephala* results appear to indicate that certain elements, e.g. Au, Cu, Pb, Zn and Na, are more concentrated in this species than they are in *Casuarina pauper* (Figures 11–17), with the majority of *Cratystylis conocephala* samples along the entire length of the transect assaying at >2 ppb Au and >15 ppm Cu.

Sodium appears to best illustrate the variation in element partitioning demonstrated by the two sampled species (Figure 16). *Casuarina pauper* samples contained about 0.2–0.25% Na whilst *Cratystylis conocephala* contained about 2% Na: almost a 10x factor difference. For

some other elements, there is either partial overlap in species assay results or slightly greater concentrations in *Cratystylis conocephala* results, but for Na the difference is extreme.

It is unknown whether the spiked *Cratystylis conocephala* Na results reflect a local biogeochemical feature or "normal" variation in lithologies. The Nuckulla Hill transect is relatively short with likely minimal variation in basement lithologies. It is possible that some parts of the Yarlbrinda Shear Zone sampled by the transect may have greater mylonitisation with Na potentially reflecting abundance of sericite. Alternatively, perhaps a certain portion of the shear zone is more easily weathered, causing depression of basement topography and a zone of greater saline groundwater flow and ultimate upward capillary movement of salts and sodium into shallow soils and vegetation.

Detrital contamination potentially influences the *Cratystylis conocephala* results because these shrubs are effective "dust traps" and aircore drilling was conducted only a few months before the biogeochemical survey was carried out. Despite this characteristic, the results may suggest that this shrub has a root system that penetrates through transported cover into Au+Ag mineralisation, or at least into the geochemical dispersion halo of the Au mineralisation (Lowrey, 2007).

Aluminium, indium, titanium and zirconium can provide some indication of detrital contamination in plant samples, mainly because they are not readily available, or are unable to be included in plant tissue. Therefore if these elements are present in significant concentrations, the assay results for all elements could be considered to be due to detritus or dust present on the plant.

Across the Nuckulla Hill transect, aluminium and indium are present in concentrations below detection limit (Appendix D). Titanium and zirconium values are low in all samples of *Casuarina pauper* (≤ 4 ppm Ti, ≤ 0.13 ppm Zr), but slightly more elevated in samples of *Cratystylis conocephala* (≤ 7 ppm Ti, ≤ 0.3 ppm Zr) possibly indicating that these shrubs did catch a certain amount of dust during the aircore drilling program. These indicator elements are, however, present in very low levels.

Partitioning of elements into various plant organs varies between species and is different for most elements (Brooks, 1983). For example, elements such as Cu, Zn and Mn are

physiologically required by plants, possibly explaining the tenor of assay results for these elements in the graphs presented (Figures 13, 15, 17).

It could be concluded that vegetation sampling appears to have detected (confirmed) elevated gold mineralisation on the eastern margin of the Yarlbirinda Shear Zone over the Nuckulla Hill transect. The biogeochemical expression of the gold occurrence appears to be extremely localised, as previously indicated by aircore drilling. The interpretation of biogeochemical data, however, is still uncertain as the dataset continues to be developed, analysed and cross-checked against other exploration techniques.

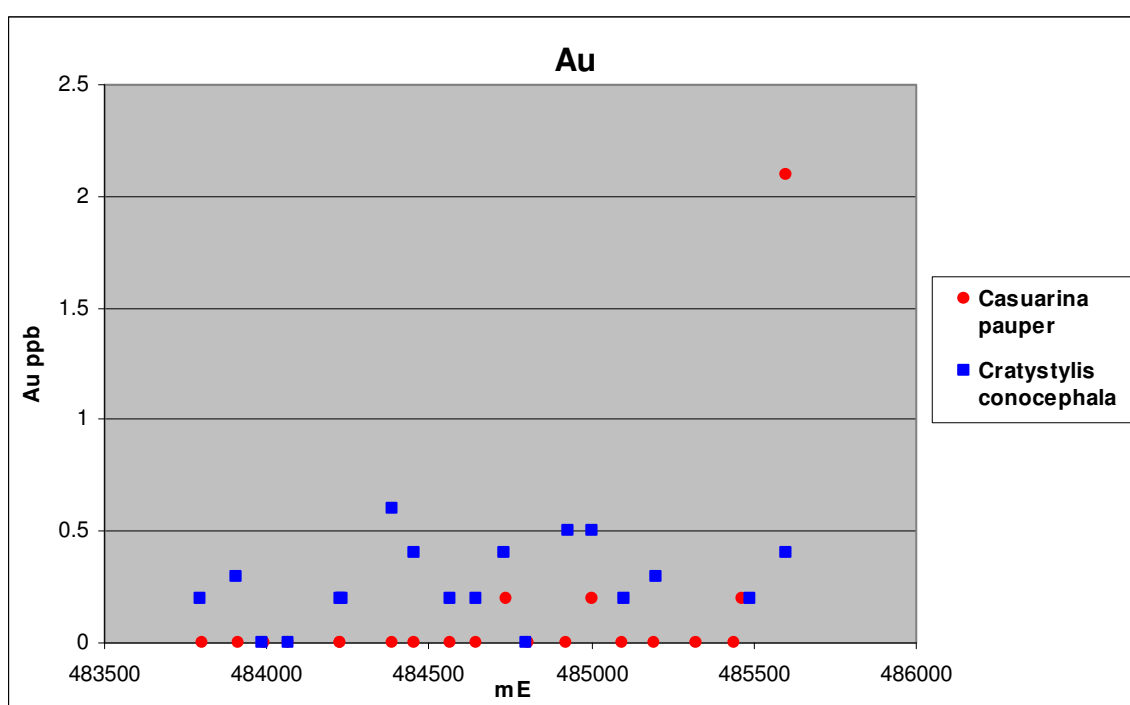


Figure 11: Au plot with respect to Easting for vegetation samples

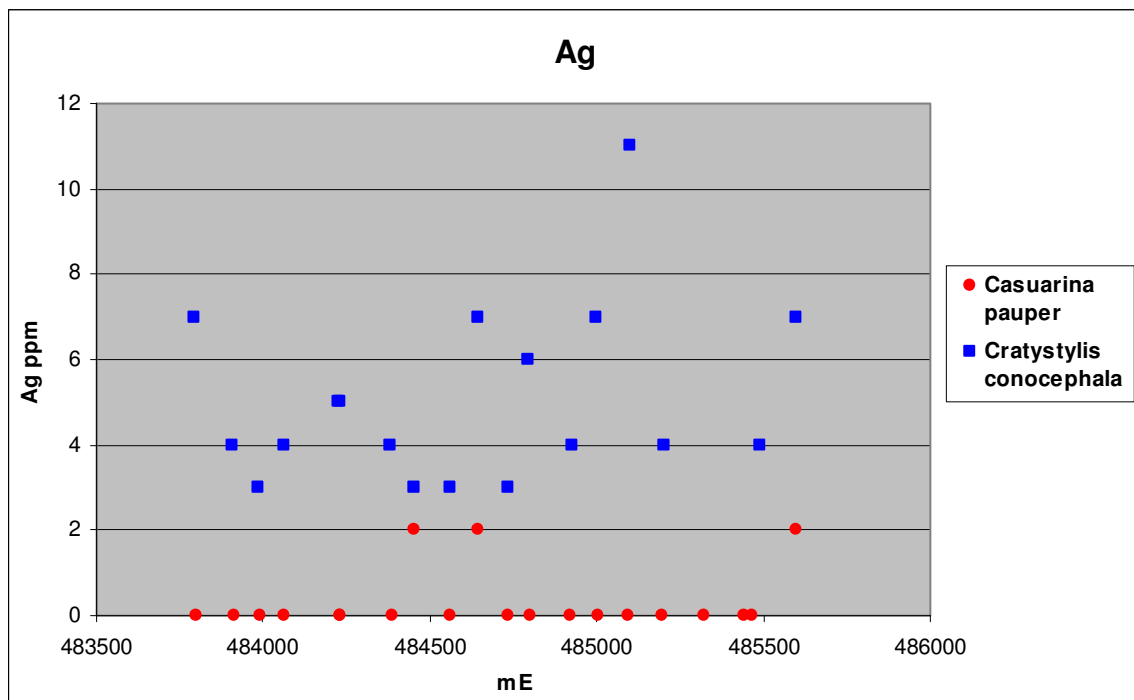


Figure 12: Ag plot with respect to Easting for vegetation samples.

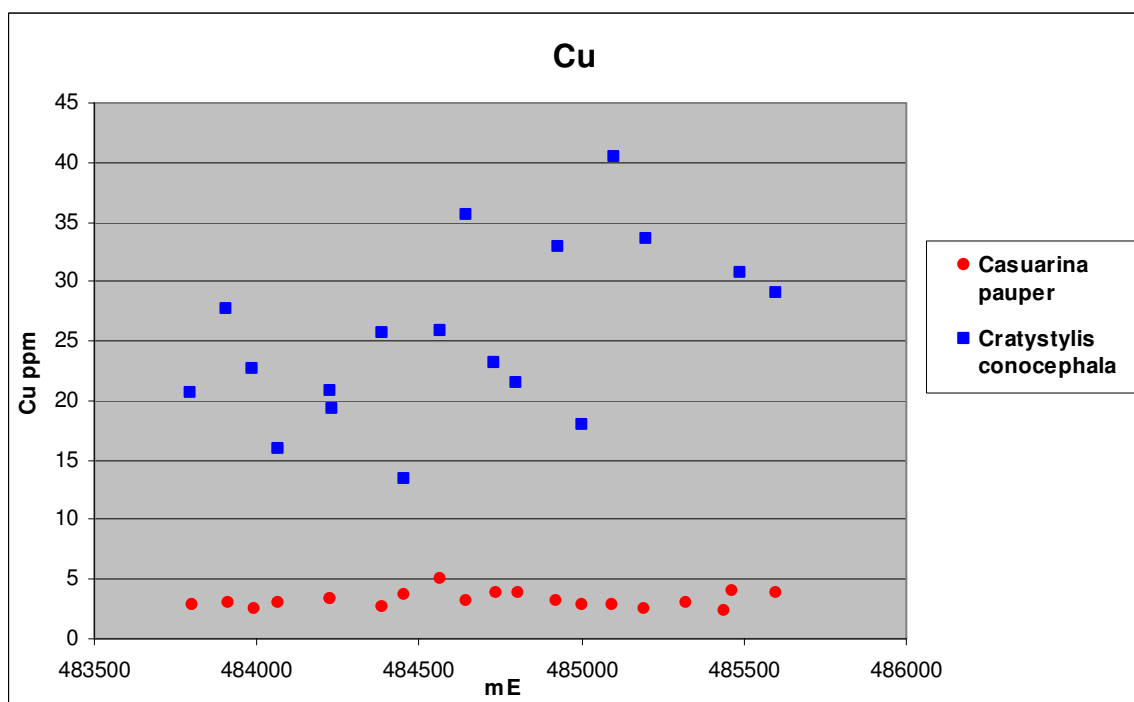


Figure 13: Cu plot with respect to Easting for vegetation samples.

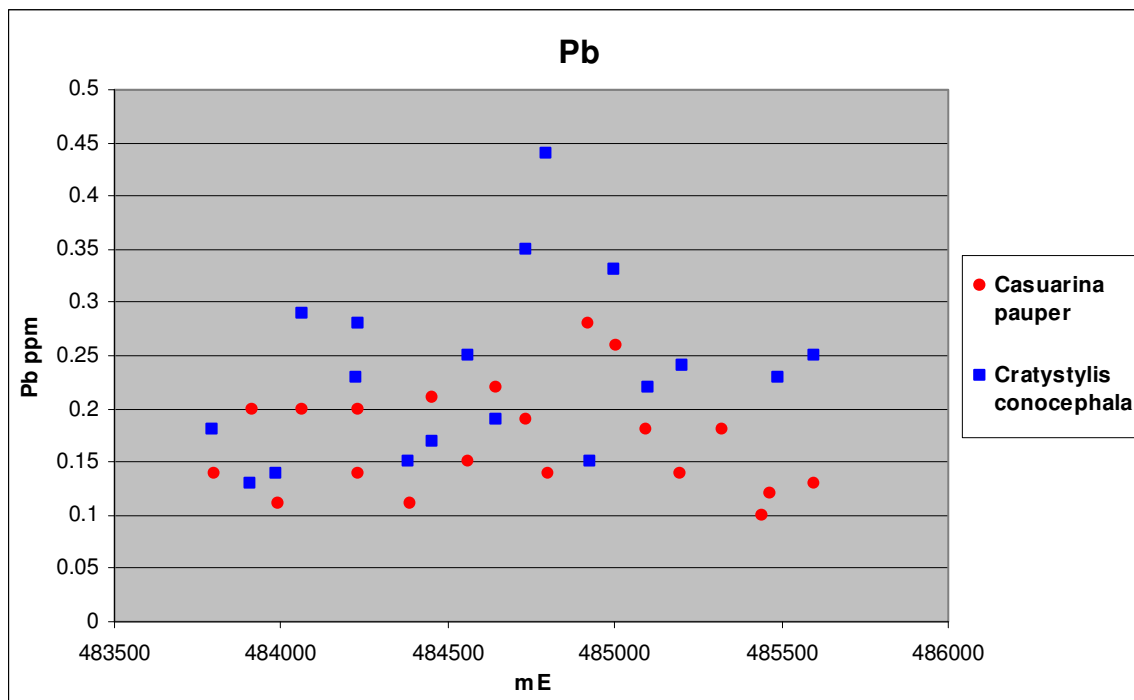


Figure 14: Pb plot with respect to Easting for vegetation samples.

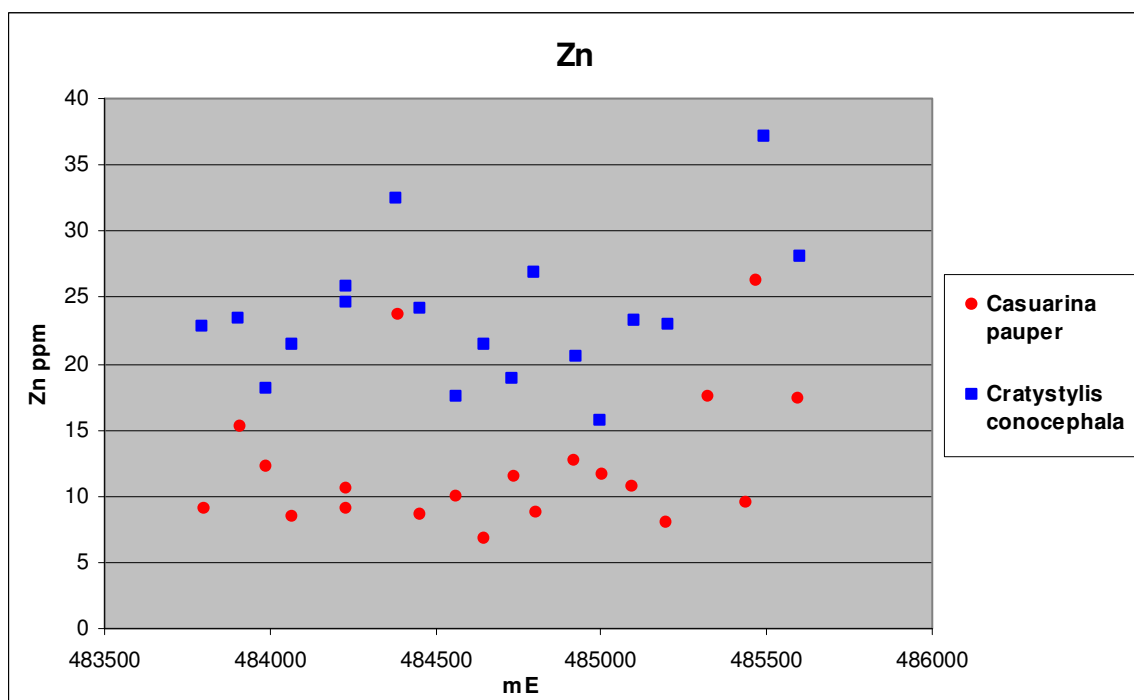


Figure 15: Zn plot with respect to Easting for vegetation samples.

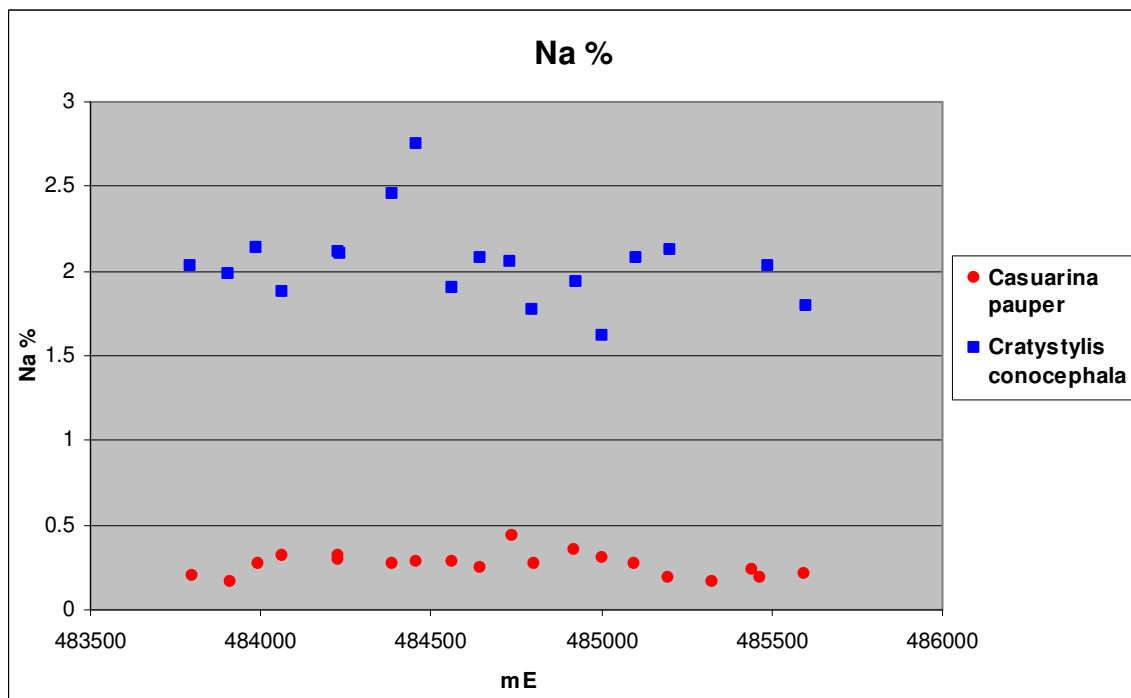


Figure 16: Na plot with respect to Easting for vegetation samples.

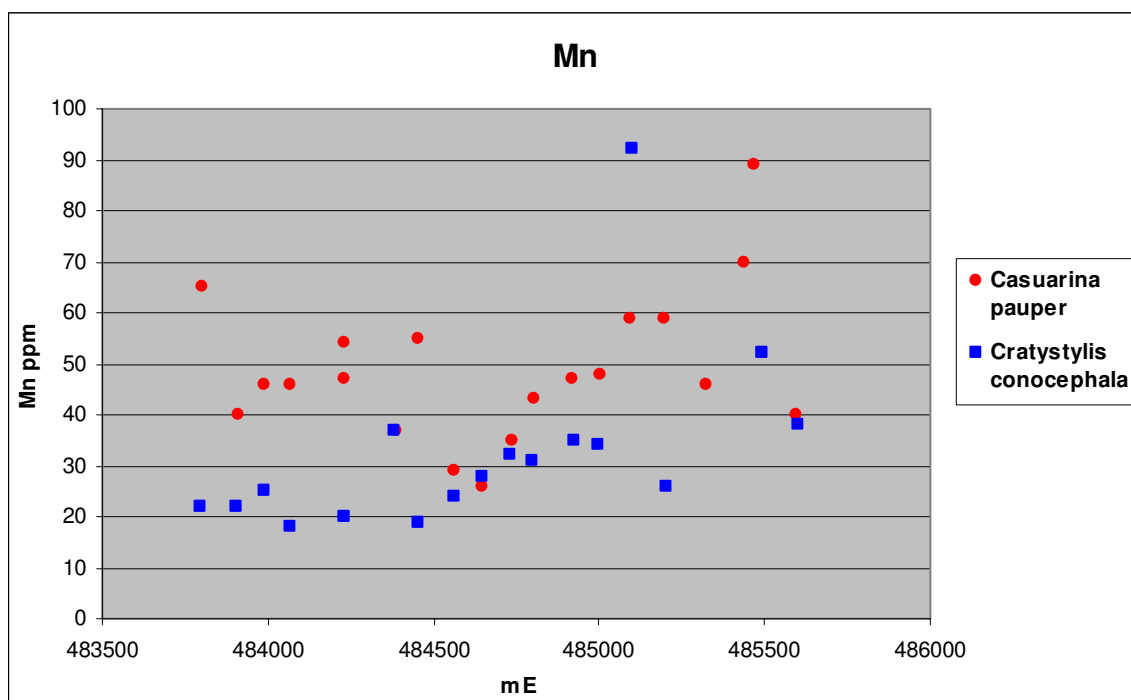


Figure 17: Mn plot with respect to Easting for vegetation samples.

5.3 REHABILITATION

Rehabilitation of all twenty-one NH07A01–NH07A21 drill holes and access tracks was completed by October 27, 2007. The details of the rehabilitation program reported in Lowrey and Coleman (2007) are summarised below.

Each drill site was thoroughly cleaned up. Discolouration from any left-over drill-cuttings was first raked in and then buried, wheel-tracks away from the established track were raked, all rubbish was collected and any other required remedial action carried out. Hydraulic oil spills were collected into sample retention bags and removed from the site.

Once all of the drill sites had been inspected and rehabilitated, the access tracks were also scarified using the ‘Bott-No-Track’ device hitched to a Toyota traytop utility. Biodegradable flagging tape that had been used to mark out the access tracks was removed from trees. All rubbish was collected from the area. Vegetation piled up during access track clearance was spread out onto the access track to encourage re-seeding and to create refuges for small animals. Entrances to Minotaur Exploration’s access tracks extending from the established track were raked smooth by hand for the first 100 m. Windrow profiles were also re-flattened for the first 100 m by rake. Leaf litter and fallen branches were then distributed to disguise and block the tracks.

Photographs were taken from representative locations throughout the rehabilitation process to allow a “before” and “after” rehabilitation comparison (Figures 18-26) (Table 5).

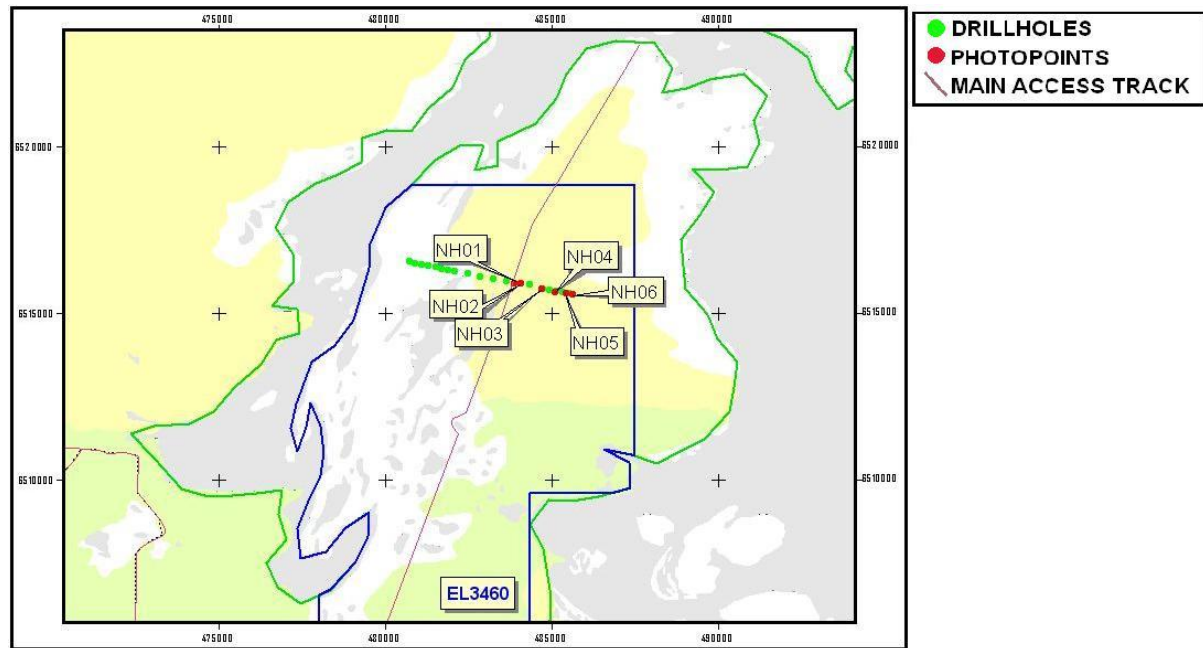


Figure 18: Major photo locations used to record impact of exploration activities and drill hole locations (Lowrey and Coleman, 2007).

PHOTOPOINT	GDA94_E	GDA94_N	FEATURE
NH01	483852	6515872	Exit from Lake Everard Station tracks
NH02	484047	6515855	Drill site for NH07A09
NH03	484668	6515715	Drill site for NH07A07
NH04	485096	6515620	Drill site for NH07A05
NH05	485397	6515572	Drill site for NH07A03
NH06	485599	6515529	Drill site for NH07A01

Table 5: Major photo location coordinates (Lowrey and Coleman, 2007).



Figure 19: Photopoint NH01 — view W of access to drill sites from Lake Everard Station's service track, before rehabilitation (Lowrey and Coleman, 2007).



Figure 20: Photopoint NH01 — view W of access to drill sites from Lake Everard Station's service track, after rehabilitation (Lowrey and Coleman, 2007).



Figure 21: Photopoint NH03 — view NE of access track and drill site NH07A07, before rehabilitation (Lowrey and Coleman, 2007).



Figure 22: Photopoint NH03 — view NE of access track and drill site NH07A07, after rehabilitation (Lowrey and Coleman, 2007).



Figure 23: Photopoint NH04 — view NE of access track and drill site NH07A05, before rehabilitation (Lowrey and Coleman, 2007).



Figure 24: Photopoint NH04 — view NE of access track and drill site NH07A05, after rehabilitation (Lowrey and Coleman, 2007).



Figure 25: Photopoint NH05 — view SE of access track and drill site NH07A03, before rehabilitation (Lowrey and Coleman, 2007).



Figure 26: Photopoint NH05 — view SE of access track and drill site NH07A03, after rehabilitation (Lowrey and Coleman, 2007).

6.0 EXPENDITURE

Tabulated below is total combined expenditure by Minotaur Exploration and Toro Energy on EL 3460 (Nuckulla Hill) for the 12 months to 28th November 2007.

Expenditure item	Year Total A\$
Application/fees/rental	79.50
Assays	7,099.25
Camp hire/maintenance	1,596.00
Clearance/Native title	
Communications	260.89
Computing, maps, data	1,250.30
Drilling	24,336.66
Field work	1,002.99
Generator fuel/ repairs/ maintenance	643.09
Geological consulting	354.74
Geophysics consulting	699.91
Hire plant/Equipment	271.82
Petrology	
Postage/Freight/Transport	99.94
Salaries	20,165.24
Travel	378.74
Vehicle expenses	1,339.44
Vehicle hire	2,400.00
Management (10%)	6,197.85
TOTAL	\$68,176.36

Table 6: Summary of exploration expenditure for EL 3460 (Nuckulla Hill) for the year ending 28th November 2007.

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8.0 APPENDICES

APPENDIX A:

NH07A01–NH07A21 drill collars – aircore program drilled by Bullion Drilling in August 2007

File: EL3460_2007_A_02_Drillcollars.txt (digital format only)

APPENDIX B:

NH07A01–NH07A21 downhole lithology logs

File: EL3460_2007_A_03_Lithologs.txt (digital format only)

APPENDIX C:

NH07A01–NH07A21 downhole geochemistry

File: EL3460_2007_A_04_DownholeGeochemistry.txt (digital format only)

APPENDIX D:

Nuckulla Hill biogeochemical survey data — sample locations and assay results (38 samples)

File: EL3460_2007_A_05_Biogeochemistry.txt (digital format only)

H1000	HOLE_ID	GDA94_EAST	GDA94_NORTH	DIP	AZIM_ORIG	END_DEPTH	END_DATE	DRILL_CONTRACTOR
H1001		metres	metres	degrees	degrees	metres		
D	NH07A01	485600	6515540	90	360	44	01/08/2007	Bullion
D	NH07A02	485509	6515576	90	360	38	01/08/2007	Bullion
D	NH07A03	485403	6515573	90	360	49	01/08/2007	Bullion
D	NH07A04	485300	6515600	90	360	46	01/08/2007	Bullion
D	NH07A05	485105	6515624	90	360	55	02/08/2007	Bullion
D	NH07A06	484915	6515684	90	360	53	02/08/2007	Bullion
D	NH07A07	484712	6515700	90	360	49	02/08/2007	Bullion
D	NH07A08	484331	6515823	90	360	57	02/08/2007	Bullion
D	NH07A09	484062	6515860	90	360	44	02/08/2007	Bullion
D	NH07A10	483640	6515923	90	360	42	02/08/2007	Bullion
D	NH07A11	483243	6516000	90	360	38	02/08/2007	Bullion
D	NH07A12	482826	6516074	90	360	30	02/08/2007	Bullion
D	NH07A13	482459	6516184	90	360	59	03/08/2007	Bullion
D	NH07A14	482062	6516245	90	360	54	03/08/2007	Bullion
D	NH07A15	481666	6516316	90	360	32	03/08/2007	Bullion
D	NH07A16	481517	6516352	90	360	33	03/08/2007	Bullion
D	NH07A17	481063	6516444	90	360	51	03/08/2007	Bullion
D	NH07A18	480880	6516478	90	360	54	03/08/2007	Bullion
D	NH07A19	480705	6516523	90	360	49	03/08/2007	Bullion
D	NH07A20	481287	6516398	90	360	32	03/08/2007	Bullion
D	NH07A21	481874	6516271	90	360	38	03/08/2007	Bullion
EOF								

H1000	Hole ID	Depth From	Depth To	Summary Geology	Interpretation
D	NH07A01	0	3	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A01	3	4	Minor hardpanned clay and minor lag	Quaternary
D	NH07A01	4	15	Red clayey sand and fine gravel	Quaternary
D	NH07A01	15	18	Silicified coarse sand and granules	Tertiary
D	NH07A01	18	30	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A01	30	39	saprolite, sheared quartz-felspar chips and clay, variably bleached	Palaeoproterozoic
D	NH07A01	39	44	sheared granitoid	Palaeoproterozoic
D	NH07A02	0	1	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A02	1	4	Sandy Calcrete	Quaternary
D	NH07A02	4	12	Red clayey sand and fine gravel	Quaternary
D	NH07A02	12	14	Silicified coarse sand and granules	Tertiary
D	NH07A02	14	16	weakly silicified saprolite/claystone	Palaeoproterozoic
D	NH07A02	16	24	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A02	24	34	Granitic saprolite	Palaeoproterozoic
D	NH07A02	34	38	weakly brecciated granite, minor sericite veining	Palaeoproterozoic
D	NH07A03	0	2	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A03	2	4	Clayey sand, minor coarse sand	Quaternary
D	NH07A03	4	10	Coarse sand and minor clay	Quaternary
D	NH07A03	10	12	Red clayey sand and fine gravel	Quaternary
D	NH07A03	12	16	Mottled clay	Quaternary
D	NH07A03	16	20	weakly silicified saprolite/claystone	Quaternary
D	NH07A03	20	36	Bleached saprolitic clay	Tertiary
D	NH07A03	36	46	Granitic saprock	Palaeoproterozoic
D	NH07A03	46	49	Granitoid, intensely sheared and crackle brecciated, moderate sericite veining	Palaeoproterozoic
D	NH07A04	0	1	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A04	1	2	Sandy Calcrete	Quaternary
D	NH07A04	2	8	Clayey sand, minor coarse sand	Quaternary
D	NH07A04	8	11	Red clayey sand and fine gravel	Quaternary
D	NH07A04	11	16	Mottled clay	Quaternary
D	NH07A04	16	20	Silicified saprolite, bleached	Tertiary
D	NH07A04	20	40	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A04	40	42	Granitic Saprock	Palaeoproterozoic
D	NH07A04	42	46	Weakly sheared granitoid, minor sericite	Palaeoproterozoic
D	NH07A05	0	12	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A05	12	14	Red clayey sand and fine gravel	Quaternary
D	NH07A05	14	16	Mottled clay and sand	Tertiary
D	NH07A05	16	22	Puggy gray clay	Tertiary
D	NH07A05	22	25	silicified gravel and sand	Tertiary
D	NH07A05	25	43	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A05	43	48	Sheared and sericitised granitic saprock	Palaeoproterozoic
D	NH07A05	48	55	highly altered granitoid, sericitic and haematite-stained	Palaeoproterozoic
D	NH07A06	0	10	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A06	10	16	Coarse sand and minor clay, weakly ferruginised	Quaternary
D	NH07A06	16	20	Mottled clayey sand	Tertiary
D	NH07A06	20	26	pale gray puggy clay	Tertiary
D	NH07A06	26	30	Silicified saprolite, bleached	Tertiary
D	NH07A06	30	43	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A06	43	46	bleached saprolitic clay, minor quartz+feld grains	Palaeoproterozoic
D	NH07A06	46	50	Sheared granitic saprock, minor porcellanite	Palaeoproterozoic
D	NH07A06	50	53	Sericitic and sheared granitoid, minor quartz veining	Palaeoproterozoic
D	NH07A07	0	10	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A07	10	18	Medium to coarse sand, minor clay, weakly ferruginous	Quaternary
D	NH07A07	18	32	pale gray puggy clay	Tertiary
D	NH07A07	32	40	bleached saprolitic clay, minor quartz+feldspar grains	Palaeoproterozoic

H1000	Hole ID	Depth From	Depth To	Summary Geology	Interpretation
D	NH07A07	40	46	bleached saprock,	Palaeoproterozoic
D	NH07A07	46	52	Sheared granitoid/granite-gneiss, weakly sericitic	Palaeoproterozoic
D	NH07A08	0	6	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A08	6	9	Coarse sand, minor clay, ferruginous	Quaternary
D	NH07A08	9	12	Mottled clay	Quaternary
D	NH07A08	12	24	Gray puggy clay, minor sand	Tertiary
D	NH07A08	24	29	Black, organic-rich clay	Tertiary
D	NH07A08	29	44	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A08	44	57	Quartz-feldspar granite-gneiss saprock, Minor Quartz veining	Palaeoproterozoic
D	NH07A09	0	7	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A09	7	12	sandy clay	Quaternary
D	NH07A09	12	22	Puggy gray clay	Tertiary
D	NH07A09	22	26	Black, organic-rich clay (reduced)	Tertiary
D	NH07A09	26	38	bleached saprolitic clay	Palaeoproterozoic
D	NH07A09	38	43	Quartz-feldspar granite-gneiss saprock	Palaeoproterozoic
D	NH07A09	43	44	haematite dusted and stained, milled qtz-feld granite-gneiss, occasional crackle breccia, minor chlorite	Palaeoproterozoic
D	NH07A10	0	6	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A10	6	8	Sandy Clay, Fe-ox stained	Quaternary
D	NH07A10	8	20	Puggy gray clay, slightly sandy	Tertiary
D	NH07A10	20	24	dark gray clay, reduced	Tertiary
D	NH07A10	24	36	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A10	36	40	Dark Brown, mafic-rich clay	Palaeoproterozoic
D	NH07A10	40	42	strongly foliated dolerite, trace of pyrite	Palaeoproterozoic
D	NH07A11	0	6	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A11	6	10	Clayey Sand, Fe-ox stained	Quaternary
D	NH07A11	10	20	Puggy clay	Tertiary
D	NH07A11	20	25	dark gray clay, reduced	Tertiary
D	NH07A11	25	34	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A11	34	35	Bleached and sheared to mylonitic quartz-feldspar saprock	Palaeoproterozoic
D	NH07A11	35	38	Quartz-Feldspar granite-gneiss, v strongly sheared to mylonitic, minor sericite	Palaeoproterozoic
D	NH07A12	0	6	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A12	6	8	Coarse sand and clay, minor gypsum	Quaternary
D	NH07A12	8	11	Clayey sand, ferruginous	Quaternary
D	NH07A12	11	16	Sandy Clay, mottled	Quaternary
D	NH07A12	16	29	pale gray puggy clay	Tertiary
D	NH07A12	29	30	Sandy and gravelly silcrete	Tertiary
D	NH07A13	0	3	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A13	3	4	aeolian sand and soil, Minor kopi	Quaternary
D	NH07A13	4	8	sandy clay	Quaternary
D	NH07A13	8	16	Sandy gray clay	Tertiary
D	NH07A13	16	24	Dark gray, organic-rich clay (reduced)	Tertiary
D	NH07A13	24	40	Sand and clay, coarsening downwards	Tertiary
D	NH07A13	40	48	Red-brown sand and gravel, possible palaeosoil?	Tertiary
D	NH07A13	48	54	Bleached saprolitic clay and minor quartz chips	Palaeoproterozoic
D	NH07A13	54	56	Granitic saprock, reduced?	Palaeoproterozoic
D	NH07A13	56	59	Granite, limonitic staining, occasional pyrite/marcasite	Palaeoproterozoic
D	NH07A14	0	4	Aeolian sand	Quaternary
D	NH07A14	4	6	Clayey sand	Quaternary
D	NH07A14	6	11	Sandy clay	Quaternary
D	NH07A14	11	17	pale brown sandy clay	Tertiary
D	NH07A14	17	25	dark gray organic rich clay, reduced	Tertiary
D	NH07A14	25	44	Bleached saprolitic clay, minor quartz	Palaeoproterozoic
D	NH07A14	44	53	Granitic saprock, minor sericite, qtz veining from 47-51m	Palaeoproterozoic
D	NH07A14	53	54	coarse grained granite, limonitic in fractures, minor semi ox biotite	Palaeoproterozoic

H1000	Hole ID	Depth From	Depth To	Summary Geology	Interpretation
D	NH07A15	0	8	Aeolian sand and soil, Minor calcrete	Quaternary
D	NH07A15	8	11	aeolian sand and soil, Minor kopi	Quaternary
D	NH07A15	11	12	coarse sand	Quaternary
D	NH07A15	12	21	pale gray puggy clay	Tertiary
D	NH07A15	21	26	dark gray organic rich clay, reduced	Tertiary
D	NH07A15	26	30	Saprolitic caly, mafic-derived	Palaeoproterozoic
D	NH07A15	30	32	dolerite, strongly chloritic, minor sheared granitoid	Palaeoproterozoic
D	NH07A16	0	5	Aeolian sand	Quaternary
D	NH07A16	5	10	Clayey sand	Quaternary
D	NH07A16	10	13	Sandy Clay	Quaternary
D	NH07A16	13	17	pale brown puggy clay	Tertiary
D	NH07A16	17	24	Dark gray, organic-rich clay (reduced)	Tertiary
D	NH07A16	24	25	Saprolitic clay, mafic-derived	Palaeoproterozoic
D	NH07A16	25	33	Granodiorite, mafics mostly oxidised	Palaeoproterozoic
D	NH07A17	0	5	Aeolian sand	Quaternary
D	NH07A17	5	10	Sand and minor clay	Quaternary
D	NH07A17	10	16	pale gray puggy clay	Tertiary
D	NH07A17	16	24	med gray puggy clay, reduced, minor organics	Tertiary
D	NH07A17	24	50	bleached saprolitic clay, very pale green, minor quartz grains	Palaeoproterozoic
D	NH07A17	50	51	Granitoid, limonite-stained, minor semi-ox biotite, v rapid change from palid clay to semi-weathered rock	Palaeoproterozoic
D	NH07A18	0	10	Aeolian sand	Quaternary
D	NH07A18	10	12	Sandy clay	Quaternary
D	NH07A18	12	24	pale gray puggy clay	Tertiary
D	NH07A18	24	30	Gravelly and sandy clay	Tertiary
D	NH07A18	30	48	Bleached saprolitic clay	Palaeoproterozoic
D	NH07A18	48	54	Granitic saprock, mostly bleached	Palaeoproterozoic
D	NH07A18	54	56	Granodiorite, limonite stained, plenty of semi-ox biotite/chlorite	Palaeoproterozoic
D	NH07A19	0	2	Aeolian sand	Quaternary
D	NH07A19	2	8	Coarse and granular sand, minor fine sand and clay	Tertiary
D	NH07A19	8	12	Pale gray sandy clay	Tertiary
D	NH07A19	12	20	dark gray puggy clay	Tertiary
D	NH07A19	20	33	bleached saprolitic clay, minor quartz-feldspar chips	Palaeoproterozoic
D	NH07A19	33	48	Pale gray saprolitic clay, minor quartz-feldspar chips	Palaeoproterozoic
D	NH07A19	48	49	Pale gray-green granitoid, weak sericite alteration	Palaeoproterozoic
D	NH07A20	0	10	Aeolian sand	Quaternary
D	NH07A20	10	12	sandy clay	Quaternary
D	NH07A20	12	18	pale gray puggy clay	Tertiary
D	NH07A20	18	24	dark gray puggy clay	Tertiary
D	NH07A20	24	25	clay as above, massive quartz vein	Tertiary
D	NH07A20	25	29	weathered granodiorite, abundant semi oxidised chlorite/biotite	Palaeoproterozoic
D	NH07A20	29	32	Chloritic granodiorite	Palaeoproterozoic
D	NH07A21	0	16	Aeolian sand, coarsening towards base	Quaternary
D	NH07A21	16	22	orange (weakly ferruginised) sandy clay	Tertiary
D	NH07A21	22	35	Pale brown to pale gray puggy clay	Tertiary
D	NH07A21	35	38	Strongly sheared granite-gneiss to mylonite (no mafic minerals)	Palaeoproterozoic
EOF					

H1000	IDENT	Depth From	Depth To	Interval	Sample ID	Au-OG43	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
H1001	UNITS					Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb
H1002	SCHEME					ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm
H1003	DETECTION LIMIT					0.01	0.02																							
D	NH07A01	0	4	4	62028	<0.01	<0.2		1.63	2	30	230	0.5 <2		6.29 <0.5		4	16	9	1.24 <10	<1		0.33	10	0.81	80 <1		0.16	8	70
D	NH07A01	4	8	4	62029	<0.01	<0.2		1.87	5	20	380 <0.5	<2		0.06 <0.5		2	31	7	2.55	10 <1		0.29 <10		0.25	69	1	0.18	7	80
D	NH07A01	8	12	4	62030	<0.01	<0.2		1.54	3	20	220 <0.5	<2		0.07 <0.5		1	34	4	2.63	10 <1		0.18 <10		0.16	50 <1		0.17	5	70
D	NH07A01	12	16	4	62031	<0.01	<0.2		1.54	2	20	170 <0.5	<2		0.11 <0.5		3	21	3	1.86	10 <1		0.19 <10		0.17	41	1	0.16	5	40
D	NH07A01	16	20	4	62032	<0.01		0.2	1.41 <2		10	110 <0.5	<2		0.04 <0.5		1	5	13	0.48 <10	<1		0.05 <10		0.07	23 <1		0.21	2	10
D	NH07A01	20	24	4	62033	<0.01	<0.2		1.04 <2		10	60 <0.5	<2		0.04 <0.5	<1		2	6	0.13 <10	<1		0.05 <10		0.06	10 <1		0.23	1	10
D	NH07A01	24	28	4	62034	<0.01	<0.2		0.83 <2	<10		90 <0.5	<2		0.04 <0.5	<1		1 <1		0.12 <10	<1		0.05 <10		0.05	10 <1		0.26	1	10
D	NH07A01	28	32	4	62035	<0.01	<0.2		0.88 <2	<10		60 <0.5	<2		0.03 <0.5	<1		1 <1		0.14 <10	<1		0.06	10	0.05	11 <1	<1	0.25 <1	1	20
D	NH07A01	32	36	4	62036	<0.01	<0.2		0.66 <2	<10		60 <0.5	<2	5	0.03 <0.5		1	2	9	0.55 <10	<1		0.15	30	0.06	35 <1		0.12	1	50
D	NH07A01	36	40	4	62037	<0.01	<0.2		0.68 <2	<10		50 <0.5	<2		0.1 <0.5		1	4	9	0.91 <10	<1		0.2	30	0.11	80 <1		0.12	3	50
D	NH07A01	40	44	4	62038	<0.01	<0.2		0.78	2 <10		70	1.6 <2		0.14 <0.5		9	10	26	1.41 <10	<1		0.24	30	0.26	628	1	0.14	10	280
D	NH07A02	0	4	4	62039	<0.01	<0.2		1.64	2	40	240	0.6 <2		6.24 <0.5		5	17	9	1.37 <10	<1		0.39	10	0.73	99 <1		0.2	9	70
D	NH07A02	4	8	4	62040	<0.01	<0.2		1.62	4	20	360 <0.5	<2		0.12 <0.5		2	25	5	1.94	10 <1		0.23 <10		0.21	55	1	0.16	6	50

H1000	IDENT	Depth From	Depth To	Interval	Sample ID	Au-OG43	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
H1001	UNITS					Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	ME-ICP41	
H1002	SCHEME					ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
D	NH07A07	44	48	4	62113	<0.01	<0.2		0.63 <2	<10		110 <0.5	<2		0.05 <0.5	<1		3	2	0.33 <10	<1		0.23	10	0.05	34 <1		0.18 <1	40	22	22	
D	NH07A07	48	49	1	62114	<0.01	<0.2		0.64 <2	<10		90 <0.5	<2		0.04 <0.5		2	9	6	0.78 <10	<1		0.29	20	0.05	83	1	0.16	1	80	38	38
D	NH07A08	0	4	4	62115	<0.01	<0.2		0.79	2	20	170 <0.5	<2		5.43 <0.5		2	8	6	0.6 <10	<1		0.2 <10		0.46	30 <1		0.22	3	20 <2		
D	NH07A08	4	8	4	62116	<0.01	<0.2		0.66	4 <10		470 <0.5	<2		0.3 <0.5		1	14	3	1.52 <10	<1		0.16 <10		0.09	35 <1		0.12 <1	30	5	5	
D	NH07A08	8	12	4	62117	<0.01	<0.2		1.56	9	10	300 <0.5	<2		0.07 <0.5		1	54	5	4.84	10		0.31 <10		0.17	32 <1		0.33	3	50	7	7
D	NH07A08	12	16	4	62118	<0.01	<0.2		2.09	3	20	320 <0.5	<2		0.15 <0.5		2	25	6	2.23	10	1	0.4 <10		0.27	49 <1		0.24	5	40	4	4
D	NH07A08	16	20	4	62119	<0.01	<0.2		2.24	3	20	270 <0.5	<2		0.12 <0.5		2	20	5	1.68	10	1	0.45 <10		0.37	45 <1		0.38	5	40	7	7
D	NH07A08	20	24	4	62120	<0.01	<0.2		1.77 <2		10	250 <0.5	<2		0.06 <0.5		1	14	3	1.4 <10	<1		0.28 <10		0.38	26 <1		0.48	2	20 <2		
D	NH07A08	24	28	4	62121	<0.01	<0.2		1.85 <2		10	250 <0.5	<2		0.09 <0.5		1	7	3	0.69	10	1	0.26 <10		0.26	33 <1		0.43	1	20	5	5
D	NH07A08	28	32	4	62122	<0.01	<0.2		1.09 <2	<10		150 <0.5	<2		0.02 <0.5	<1		2	1	0.25 <10	<1		0.21 <10		0.07	25 <1		0.28 <1	20	10	10	
D	NH07A08	32	36	4	62123	<0.01	<0.2		0.98 <2	<10		100 <0.5	<2		0.01 <0.5	<1		1	1	0.21 <10	<1		0.19 <10		0.11	28 <1		0.6 <1	20	15	15	
D	NH07A08	36	40	4	62124	<0.01	<0.2		1.01 <2	<10		110 <0.5	<2		0.01 <0.5	<1		1	1	0.18 <10	<1		0.16	10	0.1	21 <1		0.58 <1	30	24	24	
D	NH07A08	40	44	4	62125	<0.01	<0.2		0.72 <2	<10		110 <0.5	<2		0.01 <0.5	<1		1	<1	0.21 <10	<1		0.17	10	0.1	29 <1		0.66 <1	40	49	49	
D	NH07A08	44	48	4	62126	<0.01		0.2	0.79 <2	<10		130 <0.5	<2		0.02 <0.5	<1		2	3	0.27 <10	<1		0.27	20	0.08	40 <1		0.49 <1	30	60	60	
D	NH07A08	48	52	4	62127	<0.01		0.2	0.91 <2	<10		130 <0.5	<2		0.02 <0.5		1	2	6	0.33 <10	<1		0.39	20	0.08	65 <1		0.31 <1	40	49	49	
D	NH07A08	52	56	4	62128	<0.01	<0.2		0.99 <2	<10		90 <0.5	<2		0.02 <0.5		1	2	8	0.49 <10	<1		0.32	30	0.09	72 <1		0.5	1	40	19	19
D	NH07A08	56	57	1	62129	<0.01	<0.2		0.57 <2	<10		90 <0.5	<2		0.01 <0.5		1	1	6	0.31 <10	<1		0.28		0.06	36 <1		0.38 <1	20	9	9	
D	NH07A09	0	4	4	62130	<0.01	<0.2		1.17	2	10	170 <0.5	<2		4.5 <0.5		3	10	7	0.78 <10	<1		0.26 <10		0.5	40 <1		0.2	4	40	2	2
D	NH07A09	4	8	4	62131	<0.01	<0.2		0.24	5 <10		480 <0.5	<2		0.18 <0.5	<1		9	1	1.32 <10	<1		0.07 <10		0.05	48 <1		0.1 <1	20 <2			
D	NH07A09	8	12	4	62132	<0.01	<0.2		1.85 <2		10	340 <0.5	<2		0.07 <0.5		1	23	4	1.64	10 <1		0.29 <10		0.14	37 <1		0.26	2	40	4	4
D	NH07A09	12	16	4	62133	<0.01	<0.2		2.73 <2		30	210	0.6 <2		0.22 <0.5		3	26	7	2.43	10 <1		0.57 <10		0.32	63 <1		0.26	6	70	4	4
D	NH07A09	16	20	4	62134	<0.01	<0.2		2.08 <2		20	130 <0.5	<2		0.04 <0.5		2	17	3	1.37 <10	<1		0.45 <10		0.3	40 <1		0.29	3	30	2	2
D	NH07A09	20	24	4	62135	<0.01	<0.2		1.69 <2		10	290 <0.5	<2		0.04 <0.5		1	9	2	0.95 <10	<1		0.26 <10		0.31	26 <1		0.41	1	20 <2		
D	NH07A09	24	28	4	62136	<0.01	<0.2		1.45	3	10	250	0.5 <2		0.04 <0.5		6	6	4	0.67 <10	<1		0.33	10	0.3	29	1	0.6	5	30	18	18
D	NH07A09	28	32	4	62137	<0.01	<0.2		1.41 <2	<10		100 <0.5	<2		0.02 <0.5		1	3	2	0.23 <10		1	0.25	10	0.11	7 <1		0.52 <1	30	42	42	
D	NH07A09	32	36	4	62138	<0.01	<0.2		1.07 <2	<10		120 <0.5	<2		0.04 <0.5	<1		2	4	0.23 <10	<1		0.25	60	0.11	7 <1		0.63 <1	180	39	39	
D	NH07A09	36	40	4	62139	<0.01	<0.2		0.93 <2	<10		80 <0.5	<2		0.02 <0.5	<1		2	5	0.24 <10	<1		0.29	80	0.09	9 <1		0.49 <1	160	8	8	
D	NH07A09	40	44	4	62140	<0.01	<0.2		1.1 <2	<10		110	0.9 <2		0.1 <0.5		3	5	16	1.15	10 <1		0.28	90	0.19	123 <1		0.37	3	370	9	9
D	NH07A10	0	4	4	62141	<0.01	<0.2		0.79	3	10	170 <0.5	<2		1.34 <0.5		1	8	3	0.81 <10	<1		0.16 <10		0.17	30 <1		0.17	2	30 <2		
D	NH07A10	4	8	4	62142	<0.01	<0.2		1.23	5	10	290 <0.5	<2		0.04 <0.5		1	23	4	2.2	10 <1		0.22 <10		0.13	28 <1		0.24	2	30	2	2
D	NH07A10	8	12	4	62143	<0.01	<0.2		1.69	4	10	290 <0.5	<2		0.03 <0.5		2	20	7	1.72	10 <1		0.35 <10		0.2	41 <1		0.2	4	50	3	3
D	NH07A10	12	16	4	62144	<0.01	<0.2		1.78	4	20	260 <0.5	<2		0.08 <0.5		2	21	4	2.18	10 <1		0.46 <10		0.26	43 <1		0.25	3	70	3	3
D	NH07A10	16	20	4	62145	<0.01	<0.2		1.83	2	10	440 <0.5	<2		0.03 <0.5		1	14	1	1.31	10 <1		0.41	10	0.52	31 <1		0.75	3	40 <2		
D	NH07A10	20	24	4	62146	<0.01	<0.2		2.71 <2		10	400	2 <2		0.05 <0.5		3	17	5	2.01	10	1	0.65	30	1.5	43 <1		1.93	6	60	2	2
D	NH07A10	24	28	4	62147	<0.01	<0.2		1.81	4	10	550	1.1 <2		0.04 <0.5		6	9	3	0.96 <10		1	0.31	20	0.47	23 <1		0.96	3	40	8	8
D	NH07A10	28	32	4	62148	<0.01	<0.2		1.35	2 <10		160	0.6 <2		0.02 <0.5		1	5	1	0.22 <10		1	0.17	40	0.15 <5		0.89 <1		0.7	70	14	14
D	NH07A10	32	36	4	62149	0.01	<0.2		1.22 <2		10	110	1.4 <2		0.03 <0.5		2	3	1	0.11 <10	<1		0.08	40	0.19	16 <1		1.3 <1		150	11	11
D	NH07A10	36	40	4	62150	<0.01	<0.2		2.47 <2	<10		70	4.5 <2		0.29 <0.5		28	13	36	8.02	10 <1		0.46	30	0.69	285	1	1.34	18	1090	6	6
D	NH07A10	40	42	2	62151	<0.01	<0.2		2.79	2 <10		60	2.7 <2		0.84 <0.5		42	14	31	8.97	10	1	0.35	20	1.47	764	1	0.73	23	1320	2	2
D	NH07A11	0	4	4	62152	<0.01	<0.2		0.78 <2	<10		110 <0.5	<2		1.02 <0.5		1	7	3	0.96 <10	<1		0.11 <10		0.13	65 <1		0.23	2	40 <2		
D	NH07A11	4	8	4	62153	<0.01	<0.2		1.04	3 <10		270 <0.5	<2		0.37 <0.5		2	16	4	1.61 <10	<1		0.17 <10		0.16	54 <1		0.34	3	70 <2		
D	NH07A11	8	12	4	62154	<0.01	<0.2		1.56	4	10	290 <0.5	<2		0.07 <0.5		3	19	7	1.9 <10	<1		0.29	10	0.22	52	1	0.33	4	90	3	3
D	NH07A11	12	16	4	62155	<0.01		0.2	2.17	6	20	450	1.6 <2		0.03 <0.5		3	23	4	2.13	10 <1		0.76	10	0.54	51 <1		0.5	6	80	5	5
D	NH07A11	16	20	4	62156	<0.01	<0.2		1.79 <2		10	340	0.9 <2		0.29 <0.5		2	12	2	1.13 <10		1	0.45	20	1.06	59 <1		0.85	3	50	3	3
D	NH07A11	20	24	4	62157	<0.01	<0.2		3.22	3	30	320	1.3 <2		0.11 <0.5		9	19														

EOF

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.01	1	1	20	0.01	10	10	1	10	2	0.02	0.05
0.07	3	255 <20		0.01 <10		10	44 <10		17	18	7.48
0.04	5	30 <20		0.02 <10	<10		66 <10		18	7.51	1.15
0.04	5	19 <20		0.01 <10	<10		75 <10		8	7.39	1.43
0.05	4	17 <20		0.01 <10	<10		44 <10		7	4.7	1.35
0.03	1	8 <20	<0.01	<10	<10		9 <10		16	2.64	0.97
0.04	1	7 <20	<0.01	<10	<10		5 <10		28	4.34	0.81
0.05 <1		9 <20	<0.01	<10	<10		4 <10	<2		5.41	0.57
0.05 <1		12 <20	<0.01	<10	<10		3 <10	<2		26.3	1.61
0.09	1	21 <20	<0.01	<10	<10		6 <10		8	53.7	4.84
0.06	2	20 <20		0.01 <10		10	9 <10		18	57.9	7.13
0.02	2	48	20	0.01 <10		10	18 <10		32	76.6	22.5
0.07	3	210 <20		0.01 <10		10	49 <10		17	22.1	9.54
0.04	4	34 <20		0.01 <10	<10		57 <10		12	7.55	1.25
0.05	4	26 <20		0.02 <10	<10		80 <10		7	6.21	0.89
0.03	2	15 <20		0.01 <10	<10		39 <10		3	2.31	0.62
0.04	1	11 <20	<0.01	<10	<10		9 <10	<2		1.73	0.48
0.04	1	9 <20	<0.01	<10	<10		6 <10	<2		1.38	0.35
0.03	1	14 <20	<0.01	<10	<10		11 <10		7	45.5	3.41
0.16	3	54	20 <0.01	<10		10	20 <10		25	72.5	9.66
0.14	3	81 <20		0.01 <10	<10		21 <10		42	65.5	22.5
0.02	2	30 <20		0.01 <10		10	19 <10		44	65.8	9.58
0.04	3	136 <20		0.01 <10		10	41 <10		17	22.4	13.2
0.05	4	35 <20		0.01 <10	<10		60 <10		16	7.16	1.46
0.07	1	12 <20	<0.01	<10	<10		10 <10	<2		2.7	0.41
0.05	6	26 <20		0.01 <10	<10		74 <10		15	6.7	1.06
0.14	4	18 <20		0.01 <10	<10		57 <10		7	3.32	0.85
0.05	1	10 <20	<0.01	<10	<10		7 <10	<2		1.24	0.59
0.04	1	11 <20	<0.01	<10	<10		8 <10	<2		1.42	0.46
0.05	1	17 <20	<0.01	<10	<10		10 <10	<2		24.9	1.98
0.12	2	68	20	0.01 <10		10	11 <10		2	113.5	7.1
0.03	6	106	20	0.02 <10		20	39 <10		49	121	17.25
0.02	5	53	20	0.02 <10		10	37 <10		70	99.4	20.1

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42	
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y	
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
	0.01	3	36 <20		0.01 <10	<10		27 <10		81	96.3	12.45
	0.01	2	40 <20		0.01 <10	<10		25 <10		55	86.1	7.7
	0.03	3	166 <20		0.02 <10	<10		45 <10		20	22.4	10
	0.05	4	23 <20		0.01 <10	<10		49 <10		15	6.73	1.24
	0.04	5	22 <20		0.01 <10	<10		75 <10		12	6.33	0.87
	0.1	4	18 <20		0.01 <10	<10		61 <10		7	4.62	0.72
	0.01	1	12 <20		0.01 <10	<10		6	10 <2		2.37	0.63
	0.03	1	11 <20	<0.01	<10	<10		12 <10	<2		1.66	0.66
	0.03	1	9 <20	<0.01	<10	<10		7 <10	<2		1.25	0.42
	0.02	1	9 <20	<0.01	<10	<10		6 <10	<2		7.35	0.83
	0.03	1	9 <20	<0.01	<10	<10		6 <10	<2		51	3.75
	0.05	1	52	30 <0.01	<10	<10		7 <10		3	142	9.63
	0.01	2	119 <20		0.01 <10	<10		18 <10		31	106.5	10.75
<0.01		2	20 <20		0.01 <10	<10		17 <10		31	63.2	9.4
	0.04	2	250 <20		0.01 <10	<10		24 <10		10	11.1	3.51
	0.08	2	106 <20		0.01 <10	<10		37 <10		9	12.9	4.49
	0.02	2	17 <20		0.01 <10	<10		37 <10		7	4.24	0.64
	0.05	3	27 <20		0.01 <10	<10		83 <10		7	6.06	0.78
	0.06	5	14 <20	<0.01	<10	<10		40 <10		7	4.03	0.68
	0.03	1	10 <20	<0.01	<10	<10		24 <10		3	1.31	0.42
	0.02	1	9 <20		0.01 <10	<10		13 <10	<2		2.45	0.73
	0.03	1	8 <20	<0.01	<10	<10		9 <10		3	2.05	0.45
	0.04 <1		10 <20	<0.01	<10	<10		4 <10	<2		4.8	0.48
	0.03 <1		12 <20	<0.01	<10	<10		4 <10	<2		27.5	2.28
	0.02	1	35 <20	<0.01	<10	<10		4 <10		2	53.2	3.93
	0.01	1	92 <20	<0.01	<10	<10		5 <10		10	66.7	10.65
	0.01	1	18 <20	<0.01	<10	<10		4 <10		13	45.7	8.65
<0.01		1	13 <20	<0.01	<10	<10		3 <10		12	38.4	8.57
	0.02	1	207 <20		0.01 <10	<10		14 <10		4	7.15	2.32
	0.03	1	122 <20		0.01 <10	<10		19 <10		6	7.72	3.31
	0.37	3	77 <20		0.01 <10	<10		46 <10		11	11.3	4.81
	0.05	2	22 <20		0.01 <10	<10		50 <10		7	6.32	0.82
	0.06	2	20 <20		0.01 <10	<10		62 <10		5	6.6	0.89

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.07	5	18 <20	0.01 <10	<10	44 <10	10	6.23	0.97			
0.05	4	17 <20	<0.01 <10	<10	37 <10	7	3.33	0.61			
0.05	1	11 <20	<0.01 <10	<10	10 <10	<2	3.64	0.55			
0.05 <1		7 <20	<0.01 <10	<10	5 <10	<2	5.7	0.48			
0.05 <1		7 <20	<0.01 <10	<10	4 <10	<2	3.34	0.3			
0.07 <1		10 <20	<0.01 <10	<10	4 <10	<2	3.37	0.39			
0.06 <1		18 <20	<0.01 <10	<10	2 <10	<2	19.6	1.12			
0.03 <1		28 <20	<0.01 <10	<10	3 <10	3	63.7	6.18			
0.02	1	14 <20	<0.01 <10	<10	3	10	13	48.5	10.95		
0.03	1	132 <20	0.01 <10	<10	10 <10	2	5.19	1.74			
0.02	1	74 <20	0.01 <10	<10	14 <10	<2	4.17	1.43			
0.06	3	50 <20	0.01 <10	<10	36 <10	12	19.15	3.92			
0.05	2	23 <20	0.01 <10	<10	54 <10	7	6.42	0.87			
0.02 <1		26 <20	<0.01 <10	<10	3 <10	4	29.4	1.88			
0.07	5	21 <20	0.01 <10	<10	66 <10	9	7.37	1.33			
0.04	5	17 <20	0.01 <10	<10	55 <10	9	5.37	0.69			
0.05	4	20 <20	<0.01 <10	<10	22 <10	3	3.15	0.62			
0.03	2	12 <20	<0.01 <10	<10	10 <10	3	2.75	0.57			
0.03 <1		7 <20	<0.01 <10	<10	3 <10	<2	2.15	0.33			
0.04 <1		13 <20	<0.01 <10	<10	2 <10	2	5.51	0.4			
0.02 <1		21 <20	<0.01 <10	<10	2 <10	3	25.8	1.71			
0.01	1	41 <20	<0.01 <10	<10	3 <10	22	51.2	5.98			
0.05	1	133 <20	0.01 <10	<10	26 <10	5	9.67	4.37			
0.11	1	22 <20	0.01 <10	<10	62 <10	3	3.55	0.77			
0.15	4	14 <20	0.01 <10	<10	109 <10	9	5.18	0.69			
0.04	6	17 <20	0.01 <10	<10	55 <10	14	6.54	1.19			
0.03	5	19 <20	0.01 <10	<10	32 <10	15	5.58	1.2			
0.03	3	15 <20	<0.01 <10	<10	19 <10	2	3.03	1.81			
0.03	2	20 <20	<0.01 <10	<10	11 <10	2	5.79	1.22			
0.02 <1		11 <20	<0.01 <10	<10	6 <10	2	4.81	0.58			
0.08 <1		9 <20	<0.01 <10	<10	4 <10	6	5.89	0.75			
0.08 <1		12 <20	<0.01 <10	<10	5 <10	9	12.5	1.19			
0.08 <1		18 <20	<0.01 <10	<10	3 <10	8	31.8	2.92			

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y	
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
0.04 <1			19 <20	<0.01	<10	<10		3 <10		18	33.6	2.8
0.02 <1			22 <20	<0.01	<10	<10		2 <10		50	38.1	3.63
0.17 <1			14 <20	<0.01	<10	<10		2 <10		11	57	5.38
0.07 <1			10 <20	<0.01	<10	<10		2 <10		9	27.7	2.92
0.05	2	109 <20		0.01 <10	<10	<10		24 <10		8	12.75	5.85
0.03	1	17 <20		0.01 <10	<10	<10		54 <10	<2		3.2	0.58
0.07	4	18 <20		0.01 <10	<10	<10		42 <10		9	7.12	0.96
0.04	7	23 <20		0.01 <10	<10	<10		60 <10		18	8.87	1.6
0.03	4	14 <20	<0.01	<10	<10	<10		25 <10		6	4.73	0.81
0.04	3	19 <20	<0.01	<10	<10	<10		12 <10	<2		10.05	3.27
0.14	2	22 <20	<0.01	<10	<10	<10		10 <10		2	13.75	3.53
0.1	1	21 <20	<0.01	<10	<10	<10		8 <10	<2		0.03 <0.05	
0.12	1	128 <20	<0.01	<10	<10	<10		7 <10		3	0.06 <0.05	
0.06	2	75	20 <0.01	<10	<10	<10		7 <10		9	150	15.85
0.04	5	126	20 <0.01	<10	<10	<10		13 <10		60	176	44.2
0.02	1	37 <20		0.01 <10	<10	<10		23 <10		4	7.03	1.89
0.04	3	13 <20		0.01 <10	<10	<10		61 <10		9	6.6	0.84
0.03	4	16 <20		0.01 <10	<10	<10		45 <10		15	9.22	1.86
0.04	5	16 <20		0.01 <10	<10	<10		55 <10		12	7.5	1.69
0.05	4	20 <20	<0.01	<10	<10	<10		18 <10		3	22.2	12.35
0.13	4	41 <20	<0.01	<10		10		23 <10		6	0.07 <0.05	
0.25	2	20 <20	<0.01	<10	<10	<10		17 <10		8	0.02 <0.05	
0.09	3	51 <20	<0.01	<10	<10	<10		14	10 <2		46.8	5.5
0.11	8	92 <20		0.02 <10	<10	<10		38 <10	<2		104	38.3
0.07	29	33 <20		0.09 <10	<10	<10		280 <10		147	119.5	154.5
0.04	27	37 <20		0.11 <10	<10	<10		296 <10		158	60.1	58.2
0.03	2	23 <20		0.01 <10	<10	<10		15 <10		4	7.39	2.94
0.04	3	17 <20		0.01 <10	<10	<10		38 <10		10	8.01	3.79
0.05	5	16 <20		0.01 <10	<10	<10		52 <10		15	13.1	4.83
0.06	5	24 <20		0.01 <10	<10	<10		56 <10		12	0.03 <0.05	
0.07	3	30 <20	<0.01	<10	<10	<10		18 <10		5	0.12 <0.05	
0.16	4	44 <20		0.01 <10	<10	<10		28 <10		9	56.7	17.5
0.03	1	11 <20	<0.01	<10	<10	<10		11 <10	<2		14.5	3.34

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y	
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
0.06	1	13 <20		<0.01	<10	<10		7 <10	<2		5.26	1.52
0.04	1	28 <20		<0.01	<10	<10		3 <10	<2		12.5	1.19
0.05	1	127 <20		<0.01	<10	<10		3 <10	<2		52.9	1.65
0.05	1	127 <20			0.01 <10	<10		13 <10	<2		5.08	1.75
4.14	1	105 <20			0.01 <10	<10		17 <10	<2		3.95	0.94
0.13 <1		20 <20			0.01 <10	<10		20 <10	<2		0.04	<0.05
0.07	3	23 <20			0.02 <10	<10		40 <10		9	8.43	0.9
0.14	5	24 <20			0.01 <10	<10		49 <10		14	14	4.73
0.08	4	37 <20			0.01 <10	<10		29 <10		10	84.1	42.9
0.08	3	34 <20		<0.01	<10	<10		19 <10		13	34.9	12.5
0.14	3	45 <20			0.01 <10	<10		32 <10		8	42.2	13.65
0.25	1	16 <20			0.01 <10	<10		9	10	4	4.63	1.46
0.06	2	19 <20			0.01 <10	<10		17	20	10	7.73	1.42
0.05	5	26 <20			0.01 <10	<10		47	10	20	24.3	6.83
0.06	5	33 <20			0.01 <10	<10		32 <10		13	53.1	16.7
0.14	4	52 <20		<0.01	<10		10	20 <10		13	66.1	20.5
0.39	4	64 <20		<0.01	<10		10	29 <10		12	52.1	14.95
0.08	1	14 <20			0.01 <10	<10		8 <10	<2		17.7	4.88
0.06	1	9 <20			0.01 <10	<10		5 <10	<2		12.45	2.98
0.04 <1		11 <20		<0.01	<10	<10		2 <10	<2		4.3	1.06
0.04	1	10 <20			0.01 <10	<10		3 <10	<2		8.79	1.54
0.07	4	11	20		0.01 <10	<10		5 <10	<2		23.6	3.09
0.05	2	9 <20			0.01 <10	<10		3 <10	<2		11.25	1.71
0.1	2	28	20		0.01 <10		10	4 <10	<2		113.5	11.05
0.09	1	60 <20			0.01 <10	<10		6 <10	<2		65.8	5.11
0.02	1	7 <20			0.01 <10	<10		5 <10	<2		3.57	0.92
0.13	3	53	20		0.02 <10	<10		14	10	136	114	25.4
0.03	2	22 <20			0.01 <10	<10		19 <10		7	11.9	3.21
0.73	5	43 <20			0.01 <10	<10		46 <10		20	48.5	16.45
0.16	3	39 <20		<0.01	<10	<10		19 <10		12	61.1	16.05
0.14	3	57 <20		<0.01	<10	<10		21 <10		13	39.3	11.75
0.13	1	15 <20		<0.01	<10	<10		9 <10	<2		8.6	1.95
0.25	4	52 <20			0.01 <10		10	28 <10		6	46.5	11.1

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42	
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y	
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
0.09	1	17	<20	<0.01	<10	<10		11	<10	2	54.7	3.96
0.07	1	43		30	<0.01	<10		8	<10	7	123	8.77
0.06	2	46		20	<0.01	<10		8	<10	<2	106.5	4.9
0.08	3	105		30	<0.01	<10	10	9	<10	<2	146	6.01
0.08	6	204		40	0.01	<10	10	11	<10	2	177	26.8
0.08	7	63		30	0.01	<10	<10	13	<10	14	120	38.6
0.04	3	34		30	0.01	<10	10	10	<10	42	123.5	35.1
0.02	<1		10	<20	<0.01	<10	<10	4	<10	<2	3.63	0.85
1.41	<1		41	<20	<0.01	<10	<10	9	<10	2	3.97	1.04
0.29	2	26	<20		0.02	<10	<10	19	<10	6	9.46	1.5
2.86	4	67	<20		0.01	<10	<10	37	<10	16	15.25	3.85
2.45	6	60	<20		0.01	<10	<10	43	<10	20	53.8	16.8
0.2	3	43	<20		0.01	<10	<10	15	<10	10	34.1	9.7
0.86	6	83	<20		0.01	<10	<10	41	<10	21	49.3	14.4
0.57	10	34	<20		0.04	<10	<10	59	<10	65	86.5	20.6
0.6	<1		20	<20	<0.01	<10	<10	4	<10	3	3.18	0.9
0.31	2	56	<20		0.01	<10	<10	17	<10	7	10.15	1.2
1.01	4	44	<20		0.01	<10	<10	39	<10	15	19.3	4.41
3.27	5	57	<20		0.01	<10	<10	37	<10	22	46.5	17.8
0.22	3	54	<20		0.01	<10	<10	17	<10	9	34.9	10.9
1.76	6	57	<20		0.01	<10	<10	36	<10	17	39.1	10.55
0.14	19	19	<20		0.17	<10	<10	133	<10	112	178.5	44
0.04	13	23	<20		0.1	<10	<10	79	<10	59	46.1	15
0.05	7	19	<20		0.04	<10	<10	42	<10	64	54.6	14.7
0.08	<1		6	<20	0.01	<10	<10	4	<10	3	3.36	0.87
2.69	2	78	<20		0.01	<10	<10	14	<10	9	11.4	4.27
3.55	5	90	<20		0.01	<10	<10	44	<10	22	34.8	12.05
4.17	5	120	<20		0.01	<10	<10	32	<10	20	53	15.95
0.67	5	124	<20	<0.01	<10	<10	<10	26	<10	18	59.1	17.45
0.28	4	60	<20		0.01	<10	<10	22	<10	8	32.4	9.55
0.18	4	12	<20	<0.01	<10	<10	<10	7	<10	5	15.35	2.4
0.19	4	13		20	<0.01	<10	<10	7	<10	13	42.7	10.05
0.18	3	19		20	<0.01	<10	<10	8	<10	4	59.2	7.8

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y	
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
0.11	4	15	20	0.01	<10	<10		8	<10	6	76.6	11.05
0.11	6	52	30	<0.01	<10	<10		13	<10	6	>250	25.4
0.12	11	72	30	0.01	<10	<10		16	<10	7	>250	53
0.09	7	38	20	<0.01	<10	<10		16	<10	9	149.5	102
0.02	1	8	<20		0.01	<10	<10	4	<10	2	5.9	1.28
0.23	<1	13	<20		0.01	<10	<10	4	<10	2	3.86	1.09
3.96	2	89	<20		0.01	<10	<10	17	<10	12	14.95	7.1
4.96	6	102	<20		0.01	<10	<10	46	<10	23	40.5	14.6
0.9	5	3940	30	0.01	<10	<10		27	<10	17	50	16.5
0.65	4	277	<20	<0.01	<10	<10		32	<10	14	51.2	15.3
0.22	3	38	<20		0.01	<10	<10	11	<10	8	14.7	3.95
0.16	2	46	<20	<0.01	<10	<10		8	<10	5	6.45	1.54
0.14	1	6	<20	<0.01	<10	<10		6	<10	5	6.02	1.17
0.13	1	6	20	<0.01	<10	<10		7	<10	5	41.6	5.87
0.09	2	10	20	<0.01	<10	<10		7	<10	4	114.5	15.9
0.1	5	48	50	<0.01	<10	<10		16	<10	6	>250	228
0.11	7	58	20	0.01	<10	<10		35	<10	9	237	128.5
0.07	4	69	<20		0.01	<10	<10	24	<10	56	144.5	52.5
0.37	1	17	<20		0.01	<10	<10	5	<10	3	7.22	2.07
0.33	1	25	<20		0.01	<10	<10	13	<10	7	10.5	3.73
3.63	6	192	<20		0.01	<10	<10	43	<10	29	59.6	19.95
0.86	5	8720	50	<0.01	<10	<10		23	<10	18	57.5	18.4
0.24	3	544	<20	<0.01	<10	<10		19	<10	14	38.1	11.45
0.13	2	87	<20	<0.01	<10	<10		8	<10	3	18	4.72
0.08	1	39	<20	<0.01	<10	<10		7	<10	13	16.85	3.78
0.08	1	10	<20	<0.01	<10	<10		5	<10	3	12.6	3.64
0.1	1	17	<20	<0.01	<10		10	6	<10	5	61.2	10.7
0.09	2	29	40	<0.01	<10	<10		6	<10	6	>250	60.2
0.08	2	29	20	0.01	<10	<10		7	<10	7	189	43.3
0.09	2	42	<20		0.01	<10	<10	9	<10	10	136.5	23.3
0.08	1	83	20	<0.01	<10	<10		9	<10	19	140.5	26.1
6.64	<1	202	<20	<0.01	<10	<10		3	<10	5	4.31	1.2
4.65	1	147	<20		0.01	<10	<10	10	<10	7	6.49	1.47

ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-MS42	ME-MS42
S	Sc	Sr	Th	Ti	Tl	U	V	W	Zn	Ce	Y
%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
2.91	3	89 <20		0.01 <10	<10		26 <10		13	17.05	4.24
4.47	5	77 <20		0.01 <10	<10		38 <10		21	37.9	11.5
0.88	4	95 <20		0.01 <10	<10		23 <10		15	54.6	15.8
0.53	4	90 <20	<0.01	<10	<10		26 <10		11	62.7	17.1
0.62	2	76 <20		0.02 <10	<10		19 <10		63	97.1	19.3
0.11	2	129	20	0.02 <10	<10		14 <10		47	103.5	15.45
0.05 <1		12 <20	<0.01	<10	<10		4 <10		2	2.63	0.7
0.69 <1		62 <20		0.01 <10	<10		7 <10		3	4.68	1.43
0.47	1	36 <20		0.01 <10	<10		9 <10		9	14.25	2.6
0.85	1	28 <20		0.01 <10	<10		13 <10		7	6.8	1.14
0.1	2	24 <20		0.01 <10	<10		20 <10		11	13.15	2.13
0.08	5	41 <20		0.01 <10	<10		42 <10		25	36	11.3
0.14	5	36 <20		0.01 <10	<10		38 <10		21	58.7	21.6
0.12	3	67 <20	<0.01	<10	<10		16 <10		13	34.4	12.3
0.18	3	50 <20	<0.01	<10	<10		18 <10		12	41.4	12.4
0.14	2	27 <20	<0.01	<10	<10		8 <10		6	19.6	4.09

H1000	IDENT	Easting	Northing	Species Name	Common Name	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se
H1001	UNITS	metres	metres			ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	ppm	ppm	%	%	%	ppm	ppm	%	ppb	ppm	
H1003	DETECTION LIMIT					0.01	0.01	0.01	0.1	2	0.1	0.01	1	0.001	0.1	0.01	0.2	0.01		0.5	0.01	0.02	0.02	2	0.01	0.001	0.01	0.1	0.001	0.1	1	1	0.01	0.01	0.01	0.1	0.02	0.01	1	0.1
D	NHCAS01	485597	6515577	Casuarina pauper	Black Oak	0.16	3.9	0.13	17.3	2	1.4	0.05	40	0.014	<0.1	<0.01	2.1	0.01	36.4	<0.01	0.63	<0.02	<2	1.18	0.041	0.09	2.3	0.283	4.3	2	45	0.01	0.212	0.55	<0.1	0.1	<0.02	0.14	13	0.3
D	NHCAS02	485466	6515598	Casuarina pauper	Black Oak	0.12	3.96	0.12	26.3	<2	1.5	0.07	89	0.015	<0.1	<0.01	0.2	0.01	21.8	<0.01	0.13	<0.02	<2	1.01	0.048	0.11	2	0.315	5.4	3	59	0.01	0.194	0.4	<0.1	0.2	<0.02	0.15	12	0.3
D	NHCAS03	485440	6515595	Casuarina pauper	Black Oak	0.11	2.37	0.1	9.5	<2	1.6	0.03	70	0.009	0.1	<0.01	<0.2	0.01	25.3	<0.01	1.91	<0.02	<2	1.12	0.042	0.06	2	0.24	7.9	2	90	<0.01	0.236	0.48	<0.1	0.1	<0.02	0.15	15	0.2
D	NHCAS04	485323	6515675	Casuarina pauper	Black Oak	0.07	3.03	0.18	17.5	<2	1.2	0.04	46	0.015	<0.1	<0.01	<0.2	0.02	34	<0.01	0.67	<0.02	<2	1.36	0.038	0.14	2.5	0.219	3.8	3	65	0.02	0.166	0.32	<0.1	0.3	<0.02	0.16	30	0.3
D	NHCAS05	485196	6515693	Casuarina pauper	Black Oak	0.14	2.5	0.14	8	<2	0.8	0.04	59	0.011	<0.1	0.01	<0.2	0.01	29.5	<0.01	0.04	<0.02	<2	1.39	0.032	0.08	2.2	0.338	3.6	2	51	0.01	0.184	0.33	<0.1	0.2	<0.02	0.11	19	0.4
D	NHCAS06	485096	6515662	Casuarina pauper	Black Oak	0.09	2.89	0.18	10.7	<2	0.4	0.04	59	0.013	<0.1	0.01	<0.2	0.02	23.7	<0.01	0.09	<0.02	<2	1.06	0.029	0.11	2.1	0.327	3.6	3	70	0.01	0.275	0.37	<0.1	0.2	<0.02	0.13	30	0.4
D	NHCAS07	485002	6515636	Casuarina pauper	Black Oak	0.12	2.85	0.26	11.6	<2	0.6	0.04	48	0.012	0.2	<0.01	0.2	0.01	47.6	<0.01	0.37	<0.02	<2	1.37	0.037	0.1	2.3	0.385	6.8	2	33	0.01	0.311	0.53	<0.1	0.2	<0.02	0.14	19	0.2
D	NHCAS08	484921	6515650	Casuarina pauper	Black Oak	0.07	3.13	0.28	12.7	<2	0.6	0.05	47	0.016	0.1	<0.01	<0.2	0.02	39.8	<0.01	0.71	<0.02	<2	1.35	0.04	0.11	2.7	0.394	8	3	39	0.02	0.349	0.52	<0.1	0.2	<0.02	0.14	21	0.2
D	NHCAS09	484803	6515728	Casuarina pauper	Black Oak	0.1	3.83	0.14	8.7	<2	0.6	0.04	43	0.012	0.1	<0.01	<0.2	0.01	32.9	<0.01	0.19	<0.02	<2	1.19	0.031	0.08	1.8	0.292	6.1	2	33	0.01	0.276	0.59	<0.1	0.2	<0.02	0.14	19	0.3
D	NHCAS10	484738	6515706	Casuarina pauper	Black Oak	0.1	3.8	0.19	11.4	<2	0.7	0.05	35	0.015	<0.1	<0.01	0.2	0.02	24.2	<0.01	0.72	<0.02	<2	1.09	0.031	0.11	2.5	0.301	5.4	3	37	0.01	0.438	0.58	<0.1	0.2	<0.02	0.13	22	0.3
D	NHCAS11	484645	6515772	Casuarina pauper	Black Oak	0.08	3.14	0.22	6.8	2	0.7	0.05	26	0.017	<0.1	<0.01	<0.2	0.02	34.4	<0.01	0.15	<0.02	<2	1.11	0.028	0.17	2.7	0.271	5.5	3	30	0.02	0.246	0.29	<0.1	0.2	<0.02	0.19	28	0.3
D	NHCAS12	484564	6515810	Casuarina pauper	Black Oak	0.1	5.02	0.15	9.9	<2	0.9	0.04	29	0.015	0.1	0.01	<0.2	0.02	48.8	<0.01	0.38	<0.02	<2	1.12	0.033	0.15	2.2	0.278	4.8	3	75	0.02	0.289	0.47	<0.1	0.2	<0.02	0.19	25	0.3
D	NHCAS13	484455	6515788	Casuarina pauper	Black Oak	0.06	3.65	0.21	8.6	2	0.8	0.05	55	0.019	<0.1	<0.01	<0.2	0.02	125.9	<0.01	0.18	<0.02	<2	1.82	0.035	0.12	2	0.388	10.4	3	53	0.02	0.286	0.33	<0.1	0.1	<0.02	0.2	36	0.4
D	NHCAS14	484385	6515813	Casuarina pauper	Black Oak	0.08	2.72	0.11	23.7	<2	0.3	0.03	37	0.013	0.1	<0.01	<0.2	0.01	37.6	<0.01	0.4	<0.02	<2	1.3	0.033	0.08	2.2	0.316	7.2	2	42	0.01	0.268	0.64	<0.1	0.2	<0.02	0.18	25	0.4
D	NHCAS15	484229	6515834	Casuarina pauper	Black Oak	0.08	3.34	0.14	10.5	<2	0.1	0.04	54	0.014	0.2	<0.01	<0.2	0.02	46.8	<0.01	0.7	<0.02	<2	1.36	0.039	0.09	2.1	0.345	14.3	3	55	0.01	0.301	0.55	<0.1	0.2	<0.02	0.16	20	0.3
D	NHCAS16	484229	6515833	Casuarina pauper	Black Oak	0.06	3.34	0.2	9.1	<2	0.2	0.06	47	0.015	0.1	0.01	<0.2	0.02	37.6	<0.01	0.22	<0.02	<2	1.24	0.037	0.11	2.4	0.276	12.6	3	59	0.02	0.317	0.45	<0.1	0.2	<0.02	0.14	26	0.3
D	NHCAS17	484065	6515886	Casuarina pauper	Black Oak	0.04	2.96	0.2	8.4	<2	0.4	0.04	46	0.02	<0.1	<0.01	<0.2	0.03	51.2	<0.01	0.45	<0.02	<2	1.65	0.044	0.11	2.3	0.264	10	4	79	0.02	0.316	0.51	<0.1	0.2	<0.02	0.18	27	0.3
D	NHCAS18	483991	6515896	Casuarina pauper	Black Oak	0.11	2.47	0.11	12.2	<2	0.3	0.03	46	0.014	<0.1	<0.01	<0.2	0.01	42.9	<0.01	1.5	<0.02	<2	1.44	0.033	0.07	2.1	0.461	9.4	2	52	0.01	0.268	0.43	<0.1	0.2	<0.02	0.13	19	0.3
D	NHCAS19	483912	6515876	Casuarina pauper	Black Oak	0.11	3.09	0.2	15.3	<2	0.5	0.03	40	0.01	<0.1	<0.01	<0.2	0.01	58.2	<0.01	0.2	<0.02	<2	1.34	0.046	0.05	2.4	0.423	9.4	3	34	<0.01	0.164	0.49	<0.1	0.2	<0.02	0.14	20	0.3
D	NHCAS20	483801	6515903	Casuarina pauper	Black Oak	0.03	2.85	0.14	9	<2	0.1	0.04	65	0.014	<0.1	<0.01	<0.2	0.01	68.8	<0.01	0.56	<0.02	<2	1.73	0.038	0.07	2.2	0.301	15.2	3	47	0.01	0.205	0.43	<0.1	0.3	<0.02	0.16	18	0.2
D	NHDB01	485600	6515575	Cratystylis conocephala	Daisy Bluebush	0.55	29.08	0.25	28.1	7	1.3	0.08	38	0.019	<0.1	<0.01	0.4	0.03	141.5	0.06	0.73	<0.02	<2	1.13	0.076	0.11	2.5	0.179	4.6	5	55	0.02	1.796	1.11	<0.1	0.2	<0.02	0.9	13	0.9
D	NHDB02	485491	6515587	Cratystylis conocephala	Daisy Bluebush	0.43	30.75	0.23	37.1	4	0.9	0.1	52	0.021	0.2	<0.01	0.2	0.02	159.6	0.04	1.32	<0.02	<2	1.38	0.089	0.09	2.6	0.154	6	5	79	0.02	2.03	0.93	<0.1	0.2	<0.02	0.93	13	0.6
D	NHDB05	485201	6515675	Cratystylis conocephala	Daisy Bluebush	0.76	33.6	0.24	23	4	1.9	0.12	26	0.028	<0.1	<0.01	0.3	0.04	115.4	0.04	0.68	<0.02	<2	0.89	0.106	0.15	2.6	0.227	2.9	7	62	0.03	2.13	0.71	<0.1	0.2	<0.02	1.14	18	1
D	NHDB06	485100	6515652	Cratystylis conocephala	Daisy Bluebush	0.98	40.45	0.22	23.2	11	1.7	0.11	92	0.021	<0.1	<0.01	0.2	0.03	151.2	0.05	1.21	<0.02	<2	1.2	0.094	0.1	2.4	0.235	7.3	5	61	0.02	2.075	0.7	<0.1	0.2	<0.02	0.97	13	2.2
D	NHDB07	485000	6515638	Cratystylis conocephala	Daisy Bluebush	0.44	17.96	0.33	15.7	7	1	0.12	34	0.036	<0.1	<0.01	0.5	0.05	131.9	0.03	0.73	<0.02	<2	0.94	0.072	0.18	3.1	0.246	3.6	7	60	0.04	1.621	0.93	<0.1	0.3	<0.02	0.96	19	0.9
D	NHDB08	484926	6515652	Cratystylis conocephala	Daisy Bluebush	0.75	32.92	0.15	20.6	4	1.3	0.1	35	0.018	0.1	<0.01	0.5	0.03	254.3	0.04	0.61	<0.02	<2	1.77	0.086	0.08	3	0.274	4.4	5	62	0.02	1.939	0.51	<0.1	0.3	<0.02	1.42	10	0.7
D	NHDB09	484797	6515732	Cratystylis conocephala	Daisy Bluebush	0.5	21.55	0.44	26.9	6	1	0.1	31	0.018	0.1	<0.01	<0.2	0.02	136.2	0.04	1.25	<0.02	<2	0.93	0.092	0.08	2.6	0.294	3.8	5	64	0.02	1.777	0.92	<0.1	0.2	<0.02	0.96	14	0.4
D	NHDB10	484734	6515709	Cratystylis conocephala	Daisy Bluebush	0.42	23.09	0.35	18.8	3	1.1	0.14	32	0.029	<0.1	<0.01	0.4	0.05	121.9	0.04	0.45	<0.02	<2	0.93	0.087	0.17	2.6	0.204	3.9	6	44	0.03	2.053	0.73	<0.1	0.2	<0.02	0.71	21	0.4
D	NHDB11	484647	6515769	Cratystylis conocephala	Daisy Bluebush	1.03	35.55	0.19	21.4	7	1.1	0.24	28	0.021	0.1	<0.01	0.2	0.03	181.6	0.04	0.51	<0.02	<2	1.38	0.087	0.11	2.5	0.285	7.4	5	72	0.02	2.076	0.8	<0.1	0.2	<0.02	1.09	16	0.6
D	NHDB12	484564	6515805	Cratystylis conocephala	Daisy Bluebush	0.92	25.84	0.25	17.5	3	0.9	0.18	24	0.028	<0.1	<0.01	0.2	0.05	148.5	0.02	0.57	<0.02	<2	0.92	0.073	0.17	3	0.241	4.4	5	62	0.03	1.904	0.85	<0.1	0.2	<0.02	1.15	12	1.5
D	NHDB13	484454	6515719	Cratystylis conocephala	Daisy Bluebush	0.35	13.37	0.17	24.2	3	0.7	0.12	19	0.023	<0.1	<0.01	0.4	0.03	152.7	0.06	0.39	<0.02	<2	1.08	0.102	0.12	2.6	0.268	4	6	114	0.02	2.75	0.69	<0.1	0.1	<0.02	1.41	15	0.6
D	NHDB14	484384	6515812	Cratystylis conocephala	Daisy Bluebush	0.68	2																																	

Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
0.02	0.1	0.005	0.01	0.001	0.01	0.1	0.02	0.001	0.01	0.001	0.01	0.02	1	0.1	0.01	2	1
<0.02	<0.1	0.018	0.01	0.001	<0.01	1.5	<0.02	<0.001	0.08	0.072	0.23	<0.02	<1	<0.1	1.11	<2	1
<0.02	<0.1	0.025	<0.01	0.006	<0.01	1.3	<0.02	<0.001	0.1	0.077	0.26	<0.02	<1	<0.1	1.24	<2	1
<0.02	<0.1	0.019	<.01	0.003	<0.01	1.9	<0.02	<0.001	0.05	0.058	0.15	<0.02	<1	<0.1	1.9	<2	<1
<0.02	<0.1	0.017	0.01	0.003	<0.01	0.9	<0.02	<0.001	0.1	0.125	0.33	<0.02	<1	<0.1	2.02	<2	<1
<0.02	<0.1	0.011	0.01	0.003	<0.01	0.9	<0.02	<0.001	0.06	0.065	0.19	<0.02	1	<0.1	1.08	2	1
<0.02	<0.1	0.013	<0.01	0.002	<0.01	0.8	<0.02	<0.001	0.08	0.098	0.3	<0.02	2	<0.1	1.3	2	<1
<0.02	<0.1	0.016	0.02	0.004	0.01	1.1	<0.02	<0.001	0.07	0.065	0.22	<0.02	<1	<0.1	0.97	2	<1
<0.02	<0.1	0.02	0.01	0.006	0.01	1.1	<0.02	<0.001	0.1	0.076	0.24	<0.02	<1	<0.1	1.32	<2	<1
<0.02	<0.1	0.024	0.01	0.003	<0.01	1.6	<0.02	<0.001	0.08	0.062	0.22	<0.02	<1	<0.1	1.1	2	1
<0.02	<0.1	0.022	0.02	0.004	0.01	2.1	<0.02	<0.001	0.1	0.067	0.3	<0.02	1	<0.1	0.93	<2	<1
<0.02	<0.1	0.014	0.01	0.003	0.01	0.7	<0.02	<0.001	0.09	0.123	0.54	<0.02	1	<0.1	0.85	2	<1
<0.02	<0.1	0.015	0.01	0.003	<0.01	1.2	<0.02	<0.001	0.09	0.122	0.46	<0.02	1	<0.1	1.48	2	1
<0.02	0.1	0.014	0.02	0.003	<0.01	0.7	<0.02	<0.001	0.11	0.084	0.28	<0.02	1	<0.1	1.17	<2	<1
<0.02	<0.1	0.013	0.01	0.004	0.01	1.3	<0.02	<0.001	0.08	0.053	0.19	<0.02	<1	<0.1	0.72	<2	1
<0.02	<0.1	0.015	0.02	0.005	<0.01	0.9	<0.02	<0.001	0.08	0.058	0.26	<0.02	1	<0.1	1.06	2	<1
<0.02	<0.1	0.013	0.01	0.002	<0.01	0.8	<0.02	<0.001	0.09	0.068	0.28	<0.02	<1	<0.1	1.12	<2	1
<0.02	0.1	0.017	0.03	0.005	0.01	0.7	<0.02	0.001	0.13	0.074	0.26	<0.02	<1	<0.1	1.41	2	<1
<0.02	<0.1	0.018	0.01	0.004	0.01	0.9	<0.02	<0.001	0.07	0.044	0.16	<0.02	<1	<0.1	0.79	2	<1
<0.02	<0.1	0.015	0.02	0.003	<0.01	0.9	<0.02	<0.001	0.07	0.034	0.14	<0.02	1	<0.1	0.7	<2	<1
<0.02	<0.1	0.014	0.01	0.002	0.01	0.8	<0.02	<0.001	0.09	0.046	0.16	<0.02	<1	<0.1	0.63	2	<1
<0.02	0.1	0.024	0.03	0.004	0.01	3.2	<0.02	<0.001	0.16	0.087	0.28	<0.02	3	<0.1	0.88	<2	<1
<0.02	0.1	0.025	0.02	0.007	0.01	2.7	<0.02	<0.001	0.16	0.078	0.22	<0.02	2	<0.1	1.16	<2	1
<0.02	0.1	0.029	0.01	0.008	0.01	2.6	<0.02	<0.001	0.22	0.118	0.36	<0.02	4	<0.1	1.35	<2	1
<0.02	0.1	0.021	0.01	0.009	0.01	2.2	<0.02	<0.001	0.15	0.084	0.25	<0.02	4	<0.1	1.09	<2	<1
<0.02	0.1	0.036	0.02	0.006	0.01	2.7	<0.02	<0.001	0.3	0.156	0.48	<0.02	2	<0.1	0.98	<2	1
<0.02	0.1	0.023	0.02	0.006	0.01	1.9	<0.02	<0.001	0.13	0.075	0.2	<0.02	3	<0.1	1.62	<2	<1
<0.02	0.1	0.023	0.01	0.005	<0.01	3.2	<0.02	<0.001	0.12	0.067	0.19	<0.02	2	<0.1	1.1	<2	1
<0.02	0.1	0.035	0.01	0.009	0.01	2.7	0.02	<0.001	0.26	0.145	0.4	<0.02	1	<0.1	1.14	<2	<1
<0.02	0.1	0.029	<0.01	0.005	0.01	3.1	<0.02	<0.001	0.16	0.101	0.26	<0.02	2	<0.1	1.38	<2	1
<0.02	0.1	0.034	0.01	0.009	0.01	2.9	<0.02	<0.001	0.22	0.152	0.38	<0.02	3	<0.1	1.03	<2	<1
<0.02	0.1	0.03	0.02	0.01	0.01	2.2	<0.02	<0.001	0.17	0.133	0.3	<0.02	<1	<0.1	0.85	<2	<1
<0.02	0.1	0.032	0.01	0.004	0.01	2.4	<0.02	<0.001	0.15	0.124	0.22	<0.02	2	<0.1	0.93	<2	<1
<0.02	0.1	0.034	<0.01	0.007	0.01	2	<0.02	<0.001	0.18	0.112	0.28	<0.02	<1	<0.1	0.83	<2	<1
<0.02	0.1	0.037	<0.01	0.01	0.01	2.1	<0.02	<0.001	0.21	0.127	0.36	<0.02	<1	<0.1	0.82	<2	1
<0.02	0.1	0.043	<0.01	0.008	0.01	2.3	0.02	<0.001	0.23	0.132	0.37	<0.02	2	<0.1	0.45	<2	<1
<0.02	0.1	0.036	<0.01	0.007	0.01	2.6	<0.02	<0.001	0.15	0.09	0.25	<0.02	<1	<0.1	0.4	<2	<1
<0.02	0.1	0.025	0.01	0.003	0.01	2.5	<0.02	<0.001	0.1	0.076	0.2	<0.02	<1	<0.1	0.35	<2	1
<0.02	<0.1	0.03	0.01	0.004	<0.01	2.5	<0.02	<0.001	0.11	0.058	0.15	<0.02	<1	<0.1	0.23	<2	1

Mr G Kwitko
PIRSA
GPO Box 1671
Adelaide 5001, S.A.

22 May 2009

Dear George

RE: Annual Technical Report for EL3460, Nuckulla Hill

No new technical work or field exploration were conducted by either Minotaur Exploration or Equinox Resources on the tenement for the reporting period to 28th November 2008, hence this letter represents the Annual and Final Technical Report for EL3460 (Nuckulla Hill).

Yours sincerely,
EQUINOX RESOURCES LIMITED



John Cooke
Exploration Manager