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EL 3157

YERDA WELL

**ANNUAL AND FINAL REPORTS TO LICENCE
EXPIRY/SURRENDER FOR THE PERIOD
20/1/2004 TO 19/1/2009**

Submitted by
Minotaur Exploration Ltd
2009

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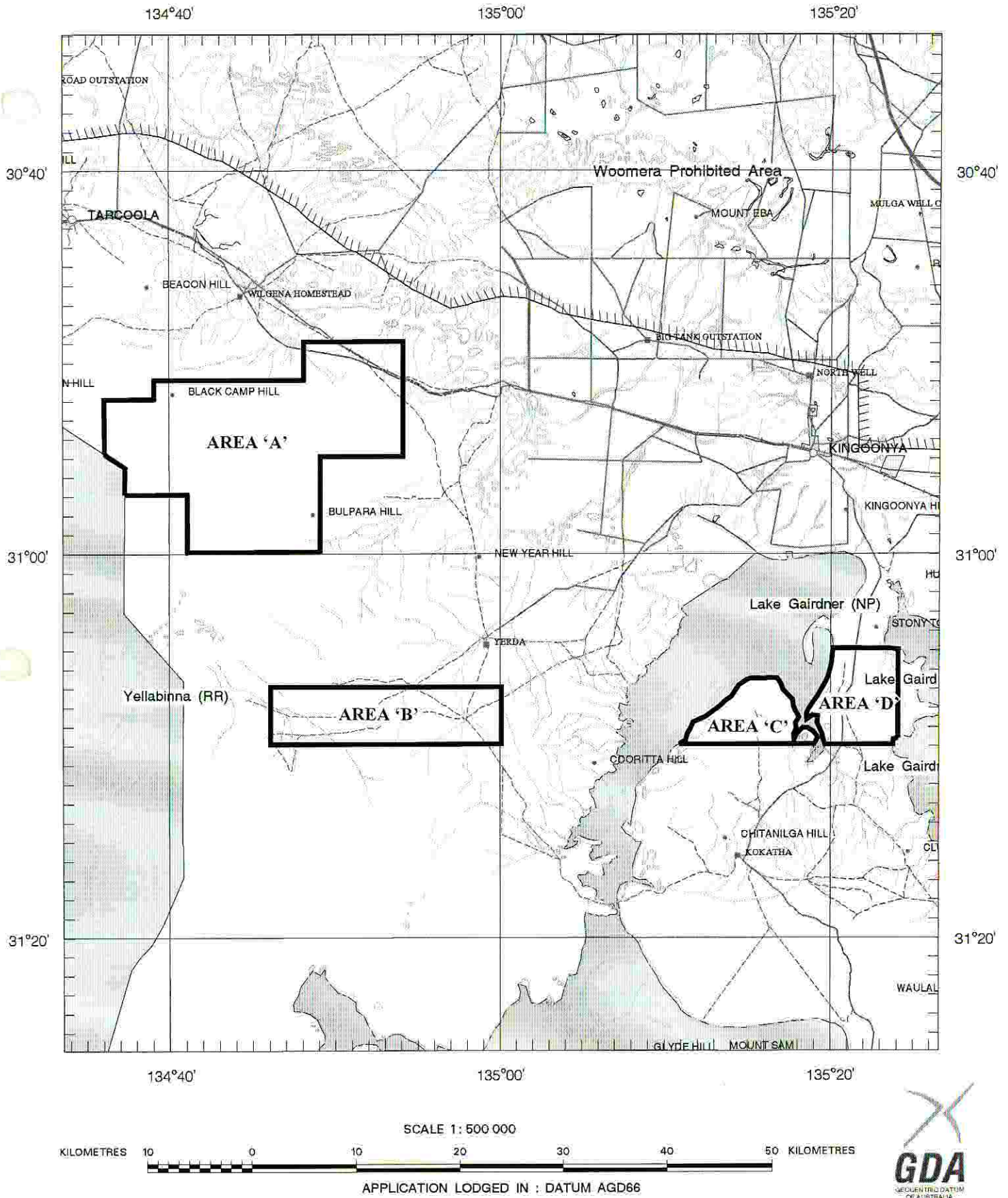
Enquiries: Customer Services Branch
Minerals and Energy Resources
7th Floor
101 Grenfell Street, Adelaide 5000

Telephone: (08) 8463 3000
Facsimile: (08) 8204 1880



Government of South Australia
Primary Industries and Resources SA

SCHEDULE A



APPLICANT : MINEX (SA) PTY LTD

FILE REF : 167/03

TYPE : MINERAL ONLY

AREA : 620 km² (approx.)

1:250000 MAPSHEETS : TARCOOLA CHILDARA GAIRDNER

LOCALITY : YERDA WELL AREA - Approximately 50 km southeast of Tarcoola

DATE GRANTED : 20-Jan-2004

DATE EXPIRED : 19-Jan-2005

EL No : 3157

2006



Minotaur Exploration Ltd

247 Greenhill Rd, Dulwich 5065, South Australia

Tel: +61 8 8366 6000 Fax: +61 8366 6001

Email: admin@minotaurexploration.com.au

ANNUAL TECHNICAL REPORT

EL 3157 YERDA WELL SOUTH AUSTRALIA

FOR YEAR ENDING 19th JANUARY 2005

R.B. Flint
Senior Geologist
and
J.R. Hart
Senior Geophysicist

April 2005

SUMMARY

- A review of previous mineral exploration for the tenement area has revealed that there has been minimal exploration targeting the major E–W Yerda Shear Zone.
- A new gravity survey, incorporating 21 stations at a spacing of 1 km along N–S lines 2 km apart over the eastern portion of the tenement, did not reveal any significant positive anomalies.
- Pre-existing gravity data elsewhere on the tenement also indicate a very low probability for significant iron-oxide copper-gold mineralization. However, the region is still considered to be prospective for Au only or Au +/- Sn mineralization.

MAP REFERENCE: 1:250 000: TARCOOLA (SH 53-10), CHILDARA (SH 53-14) and
GAIRDNER (SH 53-15)
MAP REFERENCE: 1:100 000: Meelera (5835), Tarcoola (5836) and Kokatha (5935)
DISTRIBUTION: PIRSA
MINOTAUR EXPLORATION LTD

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INTRODUCTION

EL 3157 (Yerda Well) is situated south and west of Kingoonya on the central portion of the Gawler Craton, central South Australia. The tenement covers 620 km² and was acquired by Minex (SA) Pty Ltd (now Minotaur Operation Pty Ltd) on 20th January 2004 for the purpose of exploration for Fe-oxide Cu-Au deposits with the operator being Minotaur Resources Pty Ltd (now Minotaur Exploration Pty Ltd) (Figure 1).

This represents the first annual technical report for EL 3157. During the past 12 months, exploration activities include:

- Supervising gravity survey of 21 stations at spacing of 1 km along lines 2 km apart for portion of the tenement N of Kokatha Homestead,
- Merging, processing and modeling of the gravity data,
- Review of previous mineral exploration geological and geophysical data.

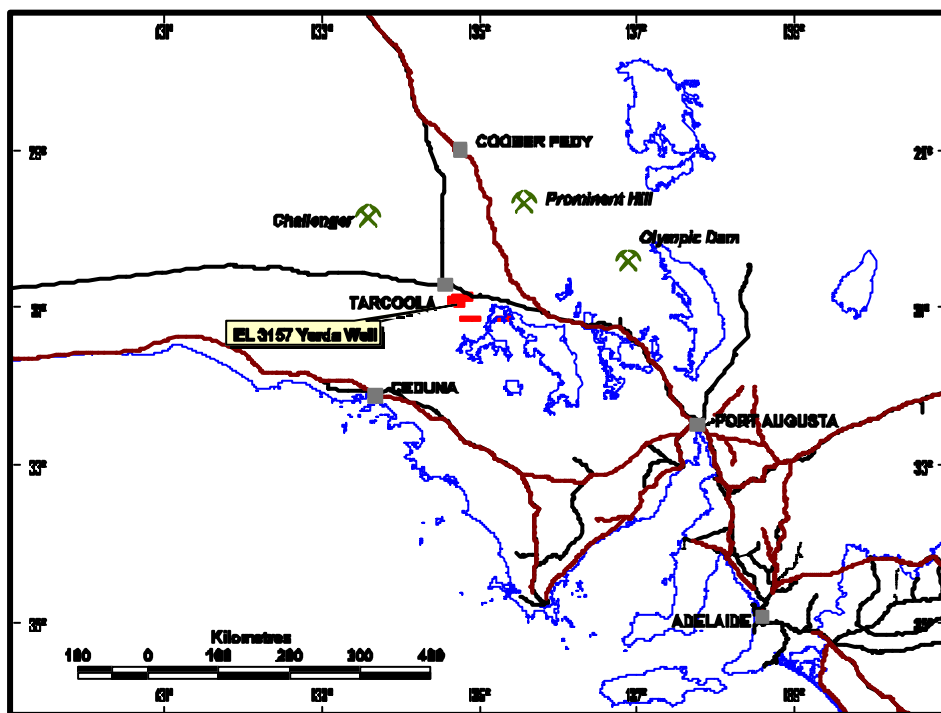


Figure 1: Location plan for EL 3157, South Australia

The licence area comprises three subareas:

- The eastern area is N of Kokatha Homestead, bordered by Lake Harris and encompasses part of the westernmost Gawler Ranges,
- The central area is S of Yerda Outstation with very limited basement exposure,
- The northern area south of Wilgena Homestead and the transcontinental railway is predominantly covered with sand dunes and spreads though numerous isolated basement exposures are present.

REGIONAL GEOLOGY

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, various volcanosedimentary sequences, including the Wilgena Hill Jaspilite, Eba Formation, Labyrinth Formation and Tarcoola Formation were deposited within localized basins that were variously deformed during late stages of the Kimban and Kararan Orogenies. Associated plutonism includes the Muckanippie Anorthosite and granitoids of the Tunkillia Suite and St Peter Suite. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and N-trending Yarlbirinda Shear Zone that are up to several kilometers wide with ductile shearing and deformation occurring before ~1600 Ma (Daly et al., 1998; McLean and Betts, 2003) (Figures 2–4).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu–Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralization at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993) (Figure 2). Displacements along NE-trending faults (e.g. Bulgunnia Fault), NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.



REGIONAL MINERALISATION

No significant mineral prospects or mines are known within EL 3157, but mineralization, predominantly tin and gold, are present at various localities regionally.

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

The Tarcoola Goldfield during the period 1901–1986 yielded 2.387 t of Au at an average grade of 37.5 g/t. Production was from quartz reefs within predominantly Palaeoproterozoic Tarcoola Formation siltstone and quartzite and to a much lesser extent within nearby Hiltaba Suite granite (Daly et al., 1990; Daly in Flint, 1993).

The Glenloth Goldfield was worked between 1893–1901 and again during the 1930's for a total recorded production of 315.4 kg from 14 620 t of ore yielding an average grade of 21.6 g/t Au (Daly in Flint, 1993). Auriferous quartz veins and sets up to 1 m wide occur within sheared Archaean Glenloth Granite and Kenella Gneiss (Mulgathing Complex) though are believed to have been derived from a shallow, but concealed, Hiltaba Suite granite batholith (Blissett, 1985).

Helix Resources have defined a total JORC resource for the Tunkillia Prospect of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). Host rocks within the Yarlbirinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite, with mineralization most likely related to fluids emanating from a Hiltaba Suite granite and preferentially focused along the Yarlbirinda Shear Zone.

Other prospects further south along the Yarlbirinda Shear Zone include Myall, Sheoak and Bimba Prospects discovered by Equinox Resources during 1995–1997. Initial calcrete sampling was successful and subsequent exploration included RAB, RC and diamond drilling programs, encountering significant anomalous gold. Intercepts included 7 m at 3.1 g/t Au

(52-59 m in NHAC26) and 22 m at 1.1 g/t Au (113-135 m in NHRC-1) at the Sheoak Prospect (Parker, 2003).

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

Total production for the Earea Dam Goldfield (just E of northern subarea of EL 3157) is estimated at ~59.2 kg of Au from hand-picked ore at an average grade of 35.3 g/t Au (Fradd, 1988). Anomalous tin and silver occur with the gold with selected samples ranging up to 9.5% Sn. Tin mineralization within greisen veins also occurs at Warna Rockhole and South Lake prospects southeast of Wilgena Homestead. At South Lake, cassiterite and associated anomalous Mo, Cu and Zn occur in quartz vein sets, up to 1 m wide, which crosscut the foliation in the Archaean Kenella Gneiss. At Warna Rockhole, quartz-veined Hiltaba Suite granite contains erratic tin values up to 3 200 ppm, implying Au- and Sn-bearing hydrothermal fluids were synchronous with Hiltaba Suite plutonism (Daly in Flint, 1993).

PREVIOUS MINERAL EXPLORATION

Previous exploration in the region has been patchy with some areas receiving surprisingly little attention (Figures 3–5).

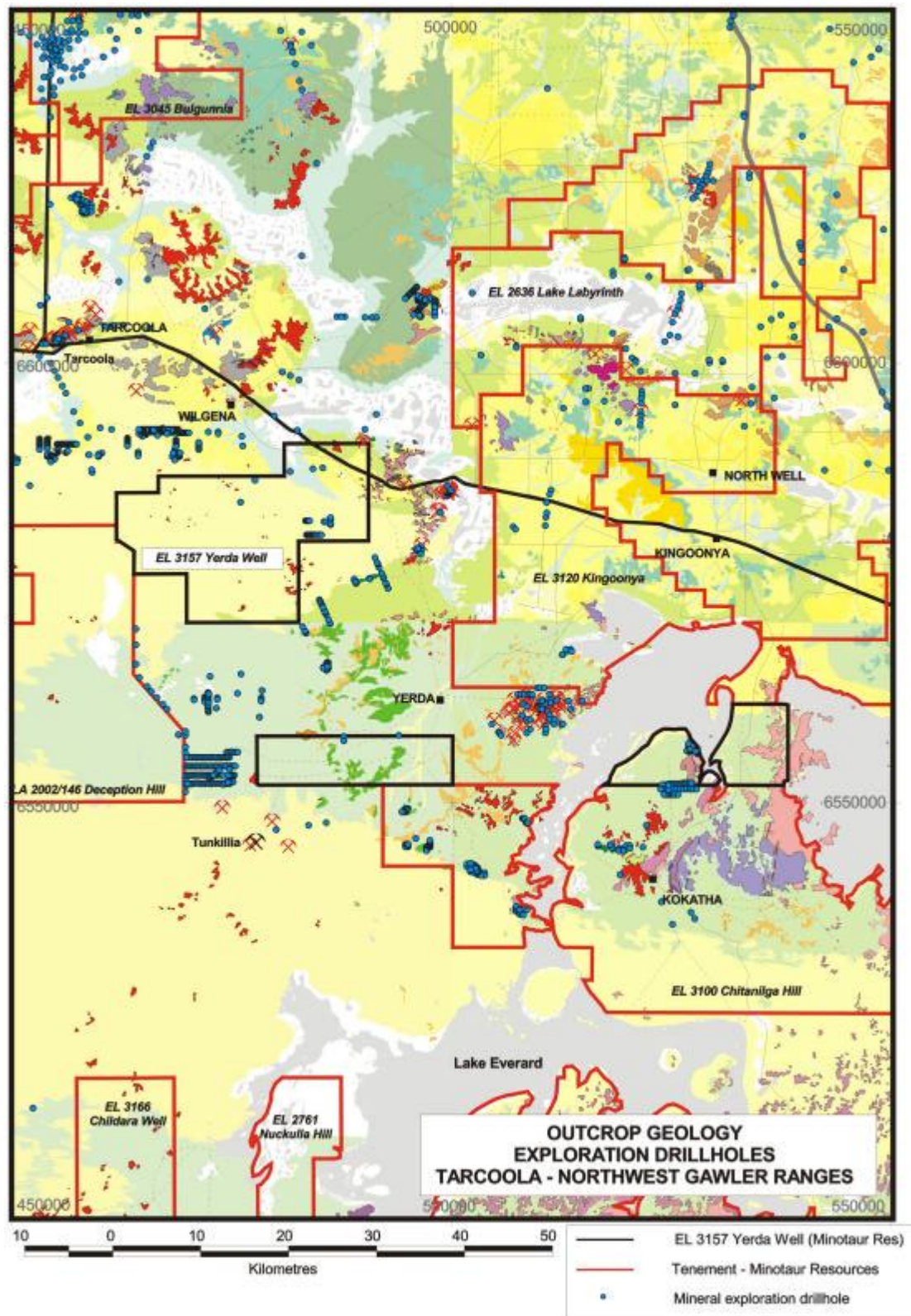


Figure 3: Outcrop geology for EL 3157 (Yerda Well) and neighbouring tenements in which Minotaur Exploration has an interest (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991)

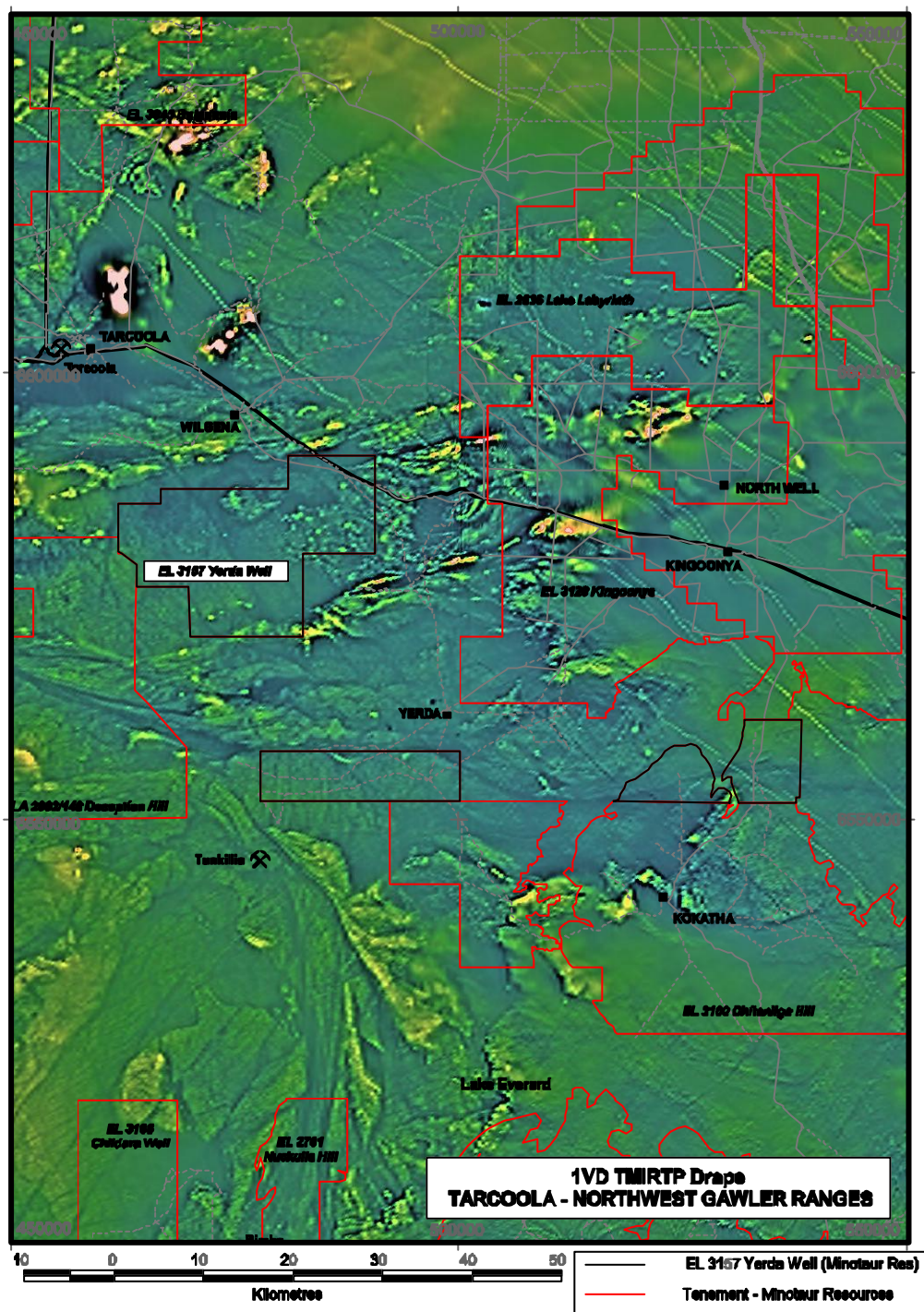


Figure 4: TMI drape and 1VD-TMIRTP for the central Gawler Craton (PIRSA data)

East subarea

In the *East* subarea near Kokatha Homestead, rhyolitic and rhyodacitic units of the Gawler Range Volcanic rocks are exposed. Tarcoola Gold Ltd drilled 18 holes (GLE 1-18) in 1987 along the tenement boundary targeting Au. Cover was 10–20 m thick, though granite intersected contained no anomalous Au (only assayed for As, Au, Mo, Sb & W). Goldstream Mining NL in 1998 drilled 24 holes (98KE series) on exposed Gawler Range Volcanics to depths in the range 25–30 m. Anomalous Pb was obtained within rhyolite in several drillholes with 10 m interval >0.1% Pb (98KE8) and 15 m wide zone >600 ppm Pb (98KE10). Maximum Pb assay was 2050 ppm (98KE8, 5-10 m). Mineralisation is at depths less than 20 m below ground level.

Rare calcrete samples (total of six by Filsell and Sons) and stream sediment samples (total of five by CRA Exploration) in part of this region are not considered to be indicative of the nature of the underlying basement as transported Quaternary and Tertiary sediments blanket much of the region (Figure 5).

Existing gravity coverage is good, station spacing being 1 x 2 km collected by Minotaur as part of the Chitanilga Hill survey (data attached). No gravity anomalies are evident on the *east subarea*.

Central subarea

The *central* subarea is situated immediately below a regional flexure in the E–W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbirinda Shear Zone. Previous exploration within the *central subarea* is very limited, with there being only three mineral exploration drillholes.

Two drillholes by CSR Minerals Exploration in 1987 (TUN34 and TUN38) intersected gneiss below ~15 m of cover sediments, but were only drilled to a maximum depth of 38 m (Figure 3). Drillhole TSI1 by MIM Exploration in 1996 also intersected gneiss and granite, but with no significant anomalous Au, Cu, Pb and Zn. Gneiss and granite intersected may be either part of the Palaeoproterozoic Tunkillia Suite or of Archaean age.

A calcrete geochemical survey by Goldstream Mining in 1997 just encroaches on the southeast portion of the subarea. Au values were predominantly 1–4 ppb with maximum value of only 6 ppb within the subarea. In 1995–1997, MIM undertook calcrete sampling over the entire *central subarea* on a 400 x 400 m grid. Au values were predominantly below detection (<1 ppb) with rare isolated samples up to 9 ppb. Cu values are similarly low with a maximum of 38 ppm (Figure 5).

Existing gravity coverage is good — station spacing is 1km along lines 2km apart. No gravity anomalies are evident in the *central subarea*.

North subarea

Much of the *north subarea* has been sampled for calcrete geochemistry and assayed for Cu and Au. Programs by Aurelius Resources and MIM Exploration from 1995–1998 generally returned low values with maximum Au values of 11 ppb (#550706, 550799). However, Cu values are elevated in the northeast portion of this subarea with a peak value of 107 ppb (#561381), though existing coverage is incomplete.

Previous drilling within this subarea has focused on the northeast portion closest to the transcontinental railway line with a total of 49 drillholes, principally by Afmeco, Tarcoola Gold and Pima Mining (Figure 3). No anomalous Au or base metal values were obtained from a variety of basement lithologies, including ?Archaean gneiss and Mesoproterozoic granite, though elevated Ba (<1000 ppm), Ce (<300 ppm) and La (<150 ppm) occur within granite south of Wilgena. Anomalous Ni and Cr were obtained in several drillholes by PIRSA in the southeast portion of the subarea with maximum values of 2100 ppm Cr (TAR36, 4–10 m) and 1600 ppm Ni (TAR35, 18–24 m) presumably from Archaean komatiite.

Existing gravity coverage is good, being either 4 x 1 km or 4 x 2 km spacing. No significant gravity anomalies are present.

Apart from these activities, very little mineral exploration has been undertaken over this northern region of the tenement.

MINERAL PROSPECTIVITY

The Yerda Well tenement lies within a region recognized as offering potential to host gold mineralization. Historical mines at Tarcoola and Glenloth have produced significant quantities of Au and the Tunkillia Prospect on the Yarlbrinda Shear Zone contains a significant, undeveloped resource. Controls to gold mineralization are considered to be from hydrothermal fluids emanating from Hiltaba Suite granitoids with gold and associated pyrite generally occurring within steeply-dipping quartz veins in an alteration zone comprising sericite and chlorite. Surrounding host rocks range from Archaean gneisses to Palaeoproterozoic granitic gneisses to Palaeoproterozoic sediments, indicating mineralization is strongly influenced by proximity to Hiltaba Suite plutons and major structures as conduits for hydrothermal solutions.

The Yerda Well tenement is located close to the E-trending Yerda and Oolabinnia Shear Zones and their intersection with the N-trending Yarlbrinda Shear Zone (Figure 2). All three are predominantly, regionally significant, Palaeoproterozoic shear zones of ductile deformation that were reactivated during the ~1590 Ma episode of felsic volcanism and plutonism.

The *central* and *east subareas* of the Yerda Well tenement lie along the eastern extension of the Yerda Shear Zone and their favourable structural setting has not been previously fully appreciated. In particular, within the *east subarea* near Lake Harris, the interpreted shear zone is only ~15-20 m below the surface and has not been previously specifically examined. The *central subarea* is situated immediately below a regional flexure in the E-W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbrinda Shear Zone.

The *north subarea* contains several NW-trending brittle faults that were probably active during Hiltaba Suite plutonism and may have been conduits for hydrothermal solutions. A regionally significant area of elevated Cu values in calcrete may coincide with an interpreted NW-trending fault.

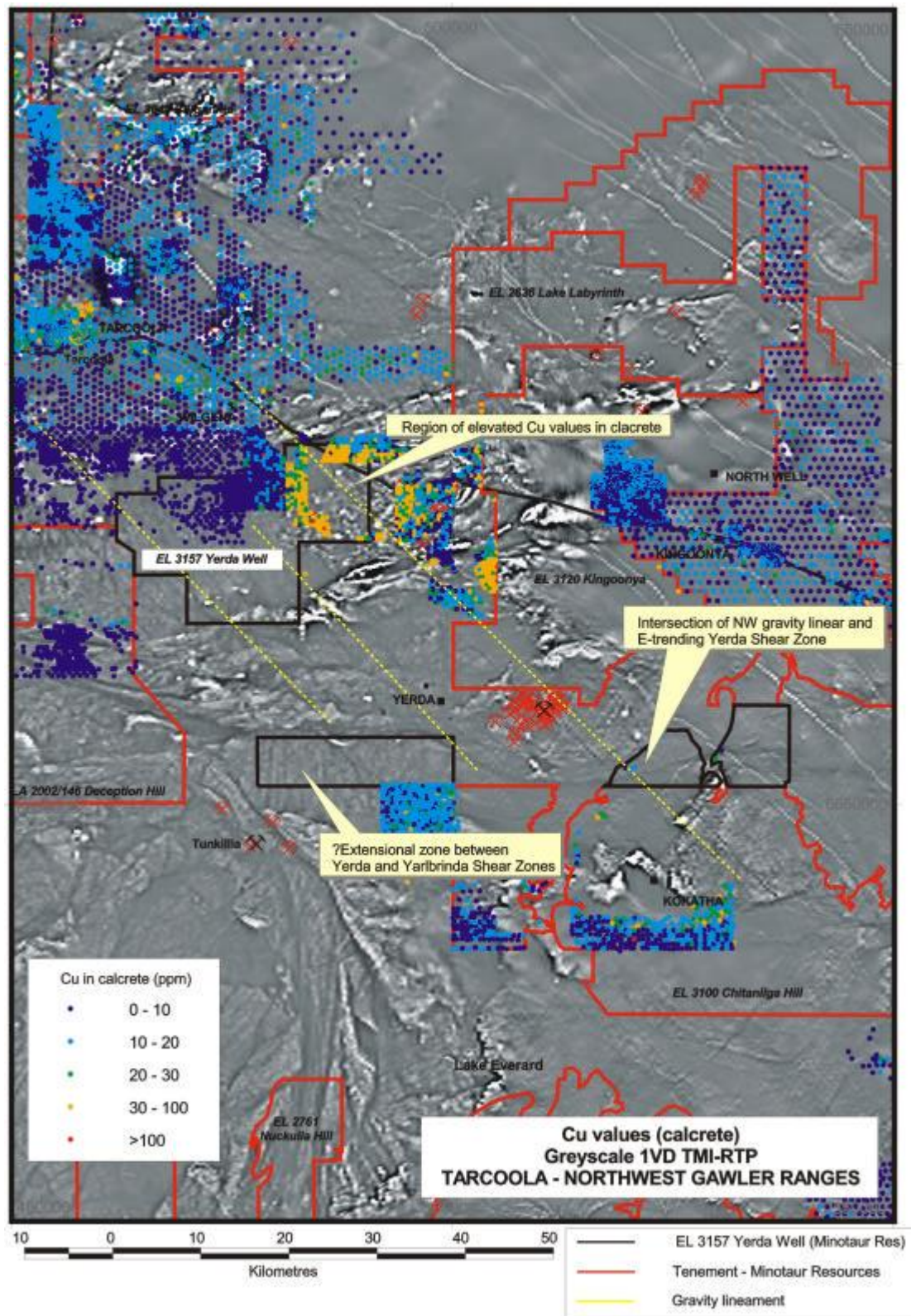


Figure 5: Cu values in calcrete for the central Gawler Craton (PIRSA)

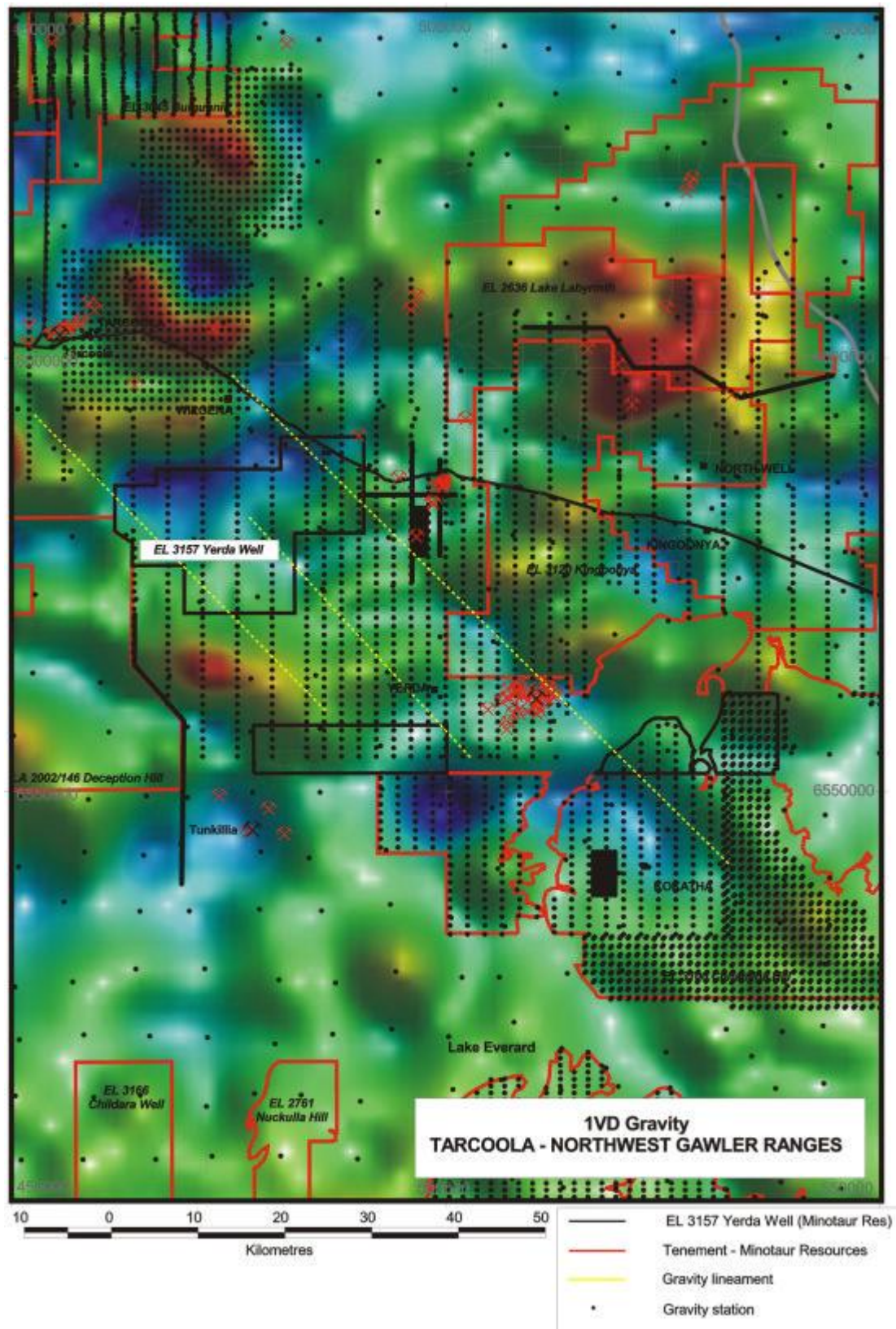


Figure 6: 1VD gravity image for the central Gawler Craton

Gravity and magnetic data, and available geological data, provide little evidence for iron-oxide style of alteration. No additional gravity surveys are proposed for the tenement areas by PIRSA as part of their PACE exploration initiative.

GRAVITY DATA AND INTERPRETATION

Haines Surveys Pty Ltd conducted during October 2003 a gravity survey over an adjoining tenement held by Minotaur Resources (EL 3100) and this survey was extended to also incorporate the *eastern subarea* of EL 3157. Portion of the gravity survey on EL 3157 comprised 21 stations at a spacing of 1 km along N–S lines 2 km apart (Figure 6).

Further details on survey datum, base station particulars, gravity control values, GPS processing, along with gravity observations, processing and results are provided within Appendix A.

Interpretation of the gravity data reveal no significant positive anomalies and very little variation in observed gravity values for portion of the tenement east of Lake Harris. The extension of the E–W Yerda Shear Zone coincides with a gravity low though is poorly defined in the data.

FUTURE WORK

The Yerda Well tenement (EL 3157) is considered to lack prospectivity for large iron-oxide copper-gold systems, but may be prospective for gold mineralization. The exact model and style are not fully known, but is expected to be predominantly gold in Au + pyrite quartz veins that are associated within significant sericite and chlorite alteration. Gravity data suggest prospectivity for iron-oxide copper-gold is poor, although some copper anomalism has been recorded in proximity to Hiltaba Suite plutons.

Minotaur proposes a calcrete sampling program for Cu and Au in the east and north subareas to compliment previous surveys and to provide a comprehensive coverage over the entire tenement. The area not covered by existing calcrete sampling programs is ~250 km². Also proposed is follow-up shallow RAB drilling in areas of anomalous calcrete geochemistry and areas considered to be structurally favourable.

EXPENDITURE

Total expenditure for activities on EL 3157 (Yerda Well) for the year period ending 19th January 2005 was \$45,352.46 with details outlined below (Table 1). This being the first year for the tenement then the expenditure represents the accumulated total expenditure.

Expenditure item	Period ending 19 th June 2004 A\$	Period ending 19 th Jan 2005 A\$	Year Total A\$
Application/fees/rental	2,789.10		2,789.10
Assays	25.96		25.96
Clearance/Native title		213.45	
Communications			213.45
Computing, maps	105.74	1,650.00	1,755.74
Drilling			
Environmental/Rehabilitation			
Field work	106.90	1,123.00	1,229.90
Geophysics consulting	1,522.55		1,522.55
Hire plant/Equipment			
Management overheads	864.51	3,258.45	4,122.96
Petrology	16.35		16.35
Postage/Freight			
Salaries, Contractors	4,012.55	28,612.00	32,624.55
Stamp duties			
Vehicle hire and expenses	65.90	986.00	1,051.90
TOTAL	\$9,509.56	\$35,842.90	\$45,352.46

Table 1: Summary of exploration expenditure for the year ending 19th Jan 2005

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HAINES SURVEYS

GRAVITY SURVEY SPECIALISTS



APPENDIX A

JOB 0337

CHITANILGA GRAVITY SURVEY (CHITANILGA HILL AND YERDA WELL AREAS)

**FOR
MINOTAUR RESOURCES LTD
October 2003**

PERTH
PO BOX 3035
SHELLEY, WA 6148
PERTH, AUSTRALIA
TEL:(08) 9259 0816
FAX: (08) 9457 5739
INTER: +618 9245 2025

ADELAIDE
PO BOX 196
ALDGATE SA 5154
ADELAIDE, AUSTRALIA
TEL (08) 8370 8779
FAX (08) 8370 8758
INTER: +618 8370 8779

HAINES SURVEYS PTY. LTD. A.C.N 008209 872

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Production Log
Plots and Gravity Processing Results
Chitanilga
Station Locations
Stations and Bouguer Anomaly Contours
Bouguer Anomaly Contours and Zoned Colour Image

INTRODUCTION

A detail GPS gravity survey designated as Chitanilga Gravity Survey has been conducted, and is comprised of two survey areas Chitanilga and Glyde. The survey areas are located approximately 175 km and 150 km north-east of Ceduna, South Australia respectively. The survey was conducted over 40 days from the 24th September 2003 to the 2nd November 2003, on behalf Minotaur Resources Ltd.

Chitanilga

The proposed survey consisted of 381 detail gravity stations in a grid of 21 N-S lines coincident with MGA94 and bounded by the following Zone 53 coordinates: in the west 492000E, north 6557500N, east 532500E and south 6532000N. The grid was designed on a 1Km station interval and a 2Km line interval with lines offset 2Km in an E-W direction.

The completed survey comprised 465 gravity stations in a grid of 26 N-S lines. 35 observations were repeated for quality control purposes, giving a repeat percentage of 7.5%.

Glyde

The proposed survey consisted of 1538 detail gravity stations in a grid of 40 N-S lines coincident with MGA94 and bounded by the following Zone 53 coordinates: in the west 480000E, north 8520000N, east 550000E and south 8470000N. The grid was designed on an 800m station interval and a 1600m line interval with lines offset 1600m in a E-W direction.

The completed survey comprised 1415 gravity stations in a grid of 40 E-W lines. 64 observations were repeated for quality control purposes, giving a repeat percentage of 4.5%.

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

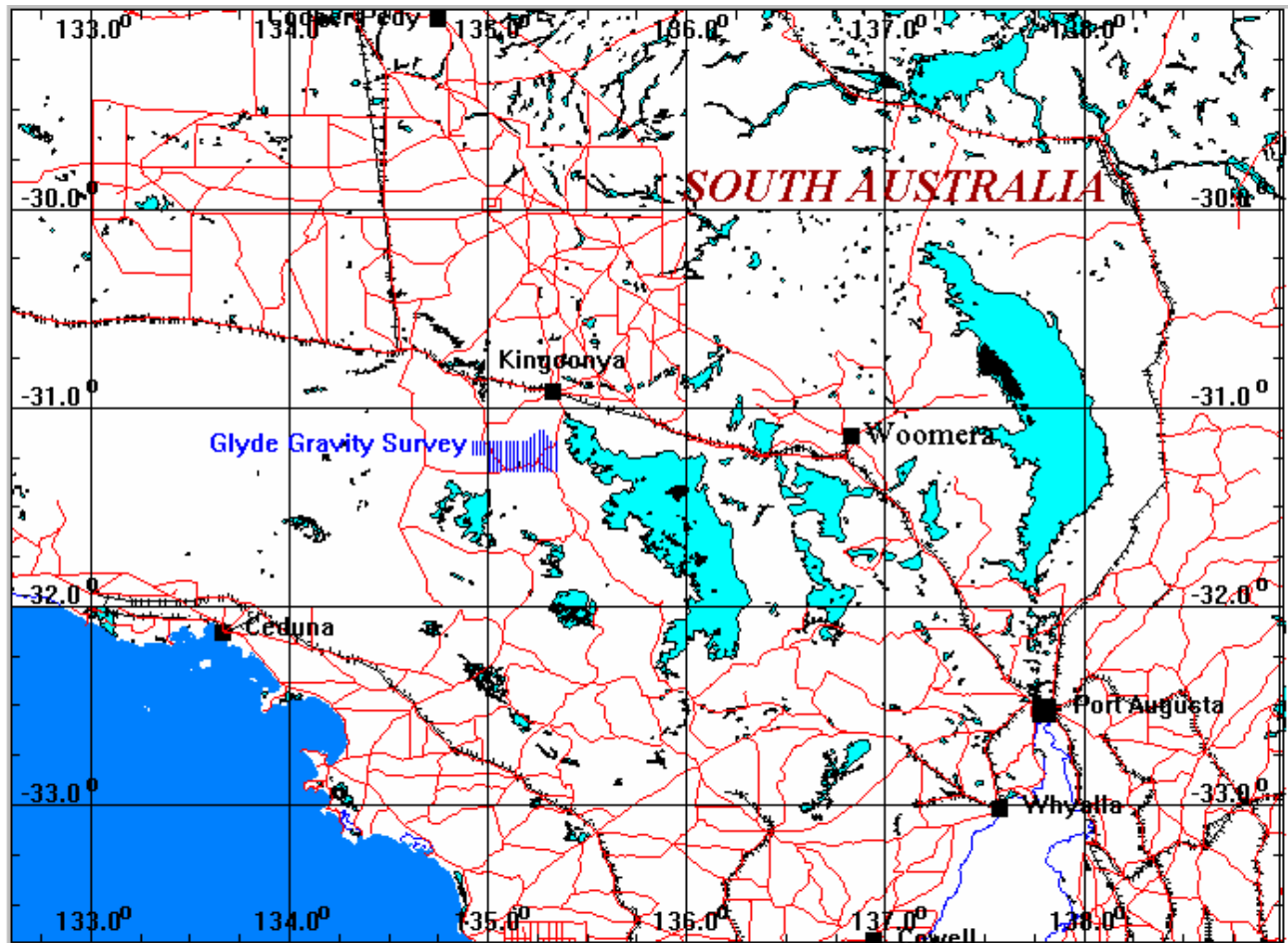


Figure 1. Location Diagram

SURVEY AND GRAVITY DATUM

Horizontal Datum: Australian Geodetic Datum 1984 (AGD84)
 Australian Map Grid 1984 (AMG84)
 Zone 53

Vertical Datum: Australian Height Datum (AHD)

Gravity Datum: Isogal 1984 / IGSN 71

SURVEY AND GRAVITY BASE STATIONS

Five base stations were established in the survey area. They were placed on hills throughout the project to provide good VHF radio coverage for the RTK system. The bases were designated as 2003.3701, 2003.3702, 2003.3704, 2003.3705 and 2003.3706. The actual bases were marked with a short star picket driven flush with the natural surface. The bases are witnessed by a long star picket within 0.3m of the ground mark standing about 1m tall. Two aluminium tags are attached with the inscription "Haines Surveys" and "Gravity 2003.3701, 2003.3702, 2003.3704, 2003.3705 and 2003.3706" respectively.

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

SURVEY CONTROL

Horizontal and vertical control has been established using the AUSPOS online GPS processing service provided by Geoscience Australia. This method provides control within the GDA94 Datum to within +/- 5 cm. It largely replaces the need for finding local survey marks or allows accurate control to be established when local marks are not available.

A total of 42.7 hours (at 10 second intervals) of observations were logged over 7 days. The following outlines the Cartesian coordinate precision attained per day.

1 Sigma	sX(m)	sY(m)	sZ(m)	yyyy/mm/dd
3701	0.007	0.007	0.004	2003/10/02
3702	0.006	0.006	0.003	2003/10/08
3702	0.007	0.012	0.005	2003/10/21
3702	0.006	0.006	0.003	2003/10/22
3704	0.006	0.006	0.003	2003/10/15
3705	0.009	0.006	0.006	2003/10/22
3706	0.007	0.003	0.003	2003/10/27

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

Vertical control has been converted to an Australian Height Datum (AHD) height using the GDA94 height determined from AUSPOS and the AUSGEOID98 gravimetric geoid.

GRAVITY CONTROL

Gravity control for survey mark 5935/1002 and 2003.3701 were established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71). The values for 5935/1002 and 2003.3701 were attained from A-B-A ties to 315315/01, established on a previous survey (Lake Harris Gravity Survey, September 1997). A-B-A ties were made over several days to within 0.01 milligals.

Gravity control for base stations 2003.3702, 2003.3704, 2003.3705 and 2003.3706 were established on the Australian Fundamental Gravity Network (Isogal 1984 / IGSN 71) using classical A-B-A ties from gravity station 9493.115. The values for 9493.115 were attained from AGSO Australian Fundamental Gravity Network. A-B-A ties were made over several days to within 0.01 milligals.

SURVEY AND GRAVITY CONTROL VALUES

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

CHITANILGA Survey/Gravity Control

	GDA94			MGA Zone 53		AHD	Isogal84
Station	Latitude	Longitude	Height	Easting	Northing	Height	Gravity mGal
315315/01	-31 10 01.41924	135 20 48.21717	131.525	533042.908	6551831.539	132.336	979359.179
9493.115	-31 44 22.99999	135 10 19.00000	169.947	516286.794	6488400.687	171.713	979421.032
HS 2003 3701	-31 17 38.27620	135 04 43.95040	152.590	507506.699	6537815.866	154.545	979365.718
HS 2003 3702	-31 44 27.13820	135 10 20.76540	169.948	516333.043	6488273.205	171.714	979421.378
HS 2003 3704	-31 35 14.75370	135 10 01.54090	162.054	515853.260	6505280.809	163.754	979408.992
HS 2003 3705	-31 43 40.62290	134 56 22.43150	158.223	494274.734	6489716.673	160.960	979424.542
HS 2003 3706	-31 39 07.02620	135 21 34.56470	130.845	534094.047	6498085.630	131.865	979423.918
5935/1002	-31 14 47.50261	135 13 39.38624	316.719	521672.697	6543053.664	318.077	979322.260

GPS OBSERVATIONS AND PROCESSING

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

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

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

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

RTK processing has been completed using Trimble TDC1 firmware and TRIMMAP version 6.50 software.

GRAVITY OBSERVATIONS

Gravity measurements have been made using *Scintrex CG3 Autograv* instruments. Instrument number 9101177 and 408276 were used in this project.

Readings of 120 seconds were taken at base station. Readings of 40 seconds were taken at all other gravity survey points.

Base station readings were taken at the beginning of the day and at the end of the day's fieldwork.

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

POINT NUMBERING AND MARKING

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

The grid lines are in an N-S orientation and the 8 digits are constructed, from AMG Zone 53 coordinates for each gravity station using

$$\text{Line No} = (\text{AMG E} - 500000) / 10 \quad \text{Stn No} = (\text{AMG N} - 5500000) / 10$$

eg. Planned local gravity station coordinates

524500E

6536500N

Line No = 2450

Station No = 3650

i.e. Pt No = 24503650

Station numbers have not been expanded in the processed data. The gravity stations have not been marked in the field.

GRAVITY PROCESSING

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

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

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

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

Drift

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

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

t_n = time of meter reading at each station

b_1 = base meter reading prior to station reading

t_1 = time of base reading b_1

b_2 = base meter reading after station reading

t_2 = time of base reading b_2

Obs mgal

This is the observed gravity value in milligals.

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

b_g = base stn gravity value (Isogal84)

r_n = meter reading at each station as shown in the CG3 .dat file

drift = residual drift correction as shown above

b_1 = base meter reading prior to station reading

Anom

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

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

Obs = observed gravity as explained above

$$g_{th} = 978031.8 (1 + 0.0053024 \sin^2 \phi - 0.0000059 \sin^2 2\phi) \\ \phi = \text{WGS84 Latitude}$$

Freeair corr

The freeair correction is calculated using

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

H = height above sea level (AHD height)

Bouguer corr

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

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

H = height above sea level (AHD height)

Bouguer Anom

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

RESULTS FORMATS

Printed results of the gravity processing (with Bouguer corrections at density 2.67 g/cc) are included in the Appendix of this report. The results are also supplied in digital form on floppy disk with the following of files being supplied.

ALLCOR.XYZ ALLGEO.XYZ ALLCSV.CSV

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

ALLCOR.XYZ format

This is a *GEOSOFT* compatible XYZ (space delimited columns) file. The data is sorted by Day then Line and Stn number. The column order is as follows:

AMG	AMG	Line	Stn	Drift	Corr'd	Obs	Anom	Free	Bouguer	Bouguer	Height
E	N				meter	mgal		air	Corr'n	anom	(AHD)
									(2.67)		

ALLGEO.XYZ format

This is a *GEOSOFT* format XYZ (space delimited columns) file. The data is sorted into Line and Stn number suitable for profiling. The column order is as follows:

Line	Stn	AMG	AMG	Drift	Corr'd	Obs	Anom	Free	Bouguer	Bouguer	Height
		E	N		meter	mgal		air	Corr'n	anom	(AHD)
								corr'n	(2.67)		

ALLCSV.CSV Format

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

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

*.DAT

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

*.DC

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

*.GPS

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

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

REPEAT OBSERVATION RESULTS

Pt #	Day	E	N	H	G	Bouguer
<i>Chitanilga</i>						
22504450	D267	522,506.333	6,544,496.960	182.467	979,347.245	-38.464
22504450	D268	522,506.322	6,544,496.894	182.483	979,347.219	-38.487
		+0.011	+0.066	-0.016	+0.026	+0.023
22504450	D270	522,506.413	6,544,496.943	182.481	979,347.195	-38.512
		-0.080	+0.017	-0.014	+0.050	+0.048
22504550	D267	522,497.089	6,545,495.360	166.462	979,349.015	-39.121
22504550	D270	522,497.082	6,545,495.388	166.478	979,348.964	-39.169
		+0.007	-0.028	-0.016	+0.051	+0.048
22504650	D267	522,550.359	6,546,444.870	164.065	979,349.176	-38.745
22504650	D270	522,550.389	6,546,444.878	164.062	979,349.184	-38.738
		-0.030	-0.008	+0.003	-0.008	-0.007
22504750	D267	522,409.792	6,547,494.374	160.949	979,348.645	-39.131
22504750	D274	522,409.719	6,547,494.439	160.998	979,348.665	-39.102
		+0.073	-0.065	-0.049	-0.020	-0.029
18504850	D268	518,498.872	6,548,490.318	135.663	979,352.298	-39.738
18504850	D270	518,498.800	6,548,490.321	135.608	979,352.309	-39.738
		+0.072	-0.003	+0.055	-0.011	+0.000
20504750	D268	520,499.178	6,547,460.807	142.440	979,351.321	-40.123
20504750	D269	520,499.245	6,547,460.668	142.441	979,351.339	-40.105
		-0.067	+0.139	-0.001	-0.018	-0.018
26504650	D269	526,483.327	6,546,494.432	160.428	979,352.183	-36.411
26504650	D271	526,483.351	6,546,494.504	160.397	979,352.175	-36.425
		-0.024	-0.072	+0.031	+0.008	+0.014
14504550	D269	514,501.971	6,545,495.353	128.746	979,354.597	-40.968
14504550	D270	514,501.895	6,545,495.365	128.712	979,354.583	-40.989
		+0.076	-0.012	+0.034	+0.014	+0.021
16504050	D269	516,501.389	6,540,525.405	132.029	979,366.127	-32.383
16504050	D272	516,501.262	6,540,525.621	132.008	979,366.085	-32.429
		+0.127	-0.216	+0.021	+0.042	+0.046
18504750	D269	518,500.339	6,547,495.191	141.813	979,351.140	-40.405

18504750	D270	518,500.308	6,547,495.142	141.773	979,351.129	-40.424
		+0.031	+0.049	+0.040	+0.011	+0.019
30504950	D270	530,504.444	6,549,488.177	153.631	979,357.150	-30.611
30504950	D271	530,504.448	6,549,488.237	153.632	979,357.186	-30.575
		-0.004	-0.060	-0.001	-0.036	-0.036
18504150	D270	518,500.314	6,541,491.610	143.589	979,363.472	-32.063
18504150	D279	518,500.298	6,541,491.588	143.566	979,363.459	-32.080
		+0.016	+0.022	+0.023	+0.013	+0.017
18504250	D270	518,499.892	6,542,498.278	145.200	979,359.632	-34.858
18504250	D271	518,499.905	6,542,498.348	145.189	979,359.665	-34.827
		-0.013	-0.070	+0.011	-0.033	-0.031
18504250	D279	518,499.778	6,542,498.270	145.217	979,359.618	-34.869
		+0.114	+0.008	-0.017	+0.014	+0.011
10503650	D271	510,582.227	6,536,580.247	124.917	979,372.707	-30.061
10503650	D275	510,582.528	6,536,580.666	124.941	979,372.665	-30.098
		-0.301	-0.419	-0.024	+0.042	+0.037
10503650	D276	510,582.455	6,536,580.739	124.942	979,372.722	-30.041
		-0.228	-0.492	-0.025	-0.015	-0.020
14503850	D271	514,575.794	6,538,568.574	126.003	979,367.278	-33.834
14503850	D272	514,575.811	6,538,568.643	126.004	979,367.259	-33.853
		-0.017	-0.069	-0.001	+0.019	+0.019
18503950	D271	518,493.649	6,539,496.706	142.987	979,365.821	-31.275
18503950	D280	518,493.548	6,539,496.713	142.990	979,365.888	-31.207
		+0.101	-0.007	-0.003	-0.067	-0.068
18504050	D271	518,517.705	6,540,497.340	156.645	979,363.824	-29.862
18504050	D279	518,517.750	6,540,497.354	156.687	979,363.885	-29.792
		-0.045	-0.014	-0.042	-0.061	-0.070
20503950	D271	520,497.521	6,539,497.474	146.359	979,364.973	-31.456
20503950	D274	520,497.567	6,539,497.479	146.366	979,365.025	-31.403
		-0.046	-0.005	-0.007	-0.052	-0.053
28503950	D272	528,501.607	6,539,497.844	152.161	979,364.645	-30.629
28503950	D274	528,501.673	6,539,497.899	152.166	979,364.623	-30.650
		-0.066	-0.055	-0.005	+0.022	+0.021
18503850	D272	518,489.373	6,538,501.032	136.986	979,367.445	-31.551
18503850	D280	518,489.296	6,538,501.059	137.032	979,367.459	-31.528
		+0.077	-0.027	-0.046	-0.014	-0.023
504950	D275	500,503.934	6,549,492.319	185.609	979,339.547	-41.953
504950	D276	500,504.019	6,549,492.300	185.569	979,339.614	-41.894
		-0.085	+0.019	+0.040	-0.067	-0.059

6504050 D275 506,497.657 6,540,500.728 130.337 979,367.791 -31.077
6504050 D276 506,497.626 6,540,500.725 130.325 979,367.826 -31.045
+0.031 +0.003 +0.012 -0.035 -0.032

92504850 D276 492,506.430 6,548,484.281 185.621 979,341.082 -41.142
92504850 D277 492,506.389 6,548,484.245 185.574 979,341.136 -41.097
+0.041 +0.036 +0.047 -0.054 -0.045

6503850 D276 506,502.005 6,538,496.540 137.967 979,368.133 -30.684
6503850 D277 506,501.995 6,538,496.551 137.984 979,368.112 -30.702
+0.010 -0.011 -0.017 +0.021 +0.018

6503950 D276 506,507.286 6,539,489.515 133.702 979,368.599 -30.339
6503950 D277 506,507.301 6,539,489.485 133.700 979,368.579 -30.359
-0.015 +0.030 +0.002 +0.020 +0.020

17504050 D279 517,500.004 6,540,500.908 139.662 979,365.657 -31.368
17504050 D280 517,500.004 6,540,500.847 139.641 979,365.621 -31.408
+0.000 +0.061 +0.021 +0.036 +0.040

17504300 D279 517,500.213 6,542,998.801 136.184 979,360.785 -35.118
17504300 D280 517,500.233 6,542,998.764 136.188 979,360.760 -35.142
-0.020 +0.037 -0.004 +0.025 +0.024

18004025 D279 518,000.389 6,540,253.244 143.887 979,366.797 -29.575
18004025 D286 518,000.478 6,540,253.447 143.899 979,366.790 -29.580
-0.089 -0.203 -0.012 +0.007 +0.005

18004050 D279 517,998.327 6,540,500.295 144.391 979,365.406 -30.688
18004050 D286 517,998.330 6,540,500.501 144.369 979,365.425 -30.674
-0.003 -0.206 +0.022 -0.019 -0.014

19503950 D279 519,501.374 6,539,498.234 148.788 979,364.167 -31.785
19503950 D280 519,501.349 6,539,498.242 148.787 979,364.140 -31.812
+0.025 -0.008 +0.001 +0.027 +0.027

18003950 D280 518,007.440 6,539,497.785 139.088 979,367.439 -30.424
18003950 D286 518,007.223 6,539,497.940 139.108 979,367.410 -30.448
+0.217 -0.155 -0.020 +0.029 +0.024

18003975 D280 517,999.830 6,539,756.964 141.232 979,367.561 -29.692
18003975 D286 517,999.921 6,539,757.197 141.235 979,367.549 -29.704
-0.091 -0.233 -0.003 +0.012 +0.012

CHITANILGA GRAVITY SURVEY PRODUCTION LOG

CHITANILGA Production Log

Date	GPS Day	Observed	Repeats	Comments
24-Sep-03	267	5	0	Commence Chitanilga gravity survey, survey/gravity control
25-Sep-03	268	32	1	Continue gravity survey, rocky outcrops
26-Sep-03	269	42	4	Continue gravity survey
27-Sep-03	270	24	9	Continue gravity survey, hilly areas very rocky, quad problems
28-Sep-03	271	44	3	Continue gravity survey
29-Sep-03	272	32	3	Continue gravity survey, rain
30-Sep-03	273	0	0	Continue gravity survey, gravity control, rain/hail, refuel
1-Oct-03	274	36	3	Continue gravity survey, intermittent rain
2-Oct-03	275	23	1	Continue gravity survey,survey/grav control, fences
3-Oct-03	276	46	2	Continue gravity survey,radio problems(1hr)
4-Oct-03	277	62	4	Continue gravity survey, good terrain
5-Oct-03	278	0	0	Equipment maintainence
6-Oct-03	279	60	2	Continue gravity survey, meter problems, infill
7-Oct-03	280	57	3	Complete Chitanilga gravity survey(465 stations 35 repeats), infill, demobilise to Lake Everard
8-Oct-03	281	26	0	Commence Glyde gravity survey, gravity/survey control
9-Oct-03	282	71	3	Continue gravity survey
10-Oct-03	283	69	4	Continue gravity survey, soft salt pans
11-Oct-03	284	75	4	Continue gravity survey
12-Oct-03	285	0	0	Equipment maintainence
13-Oct-03	286	41	2	Continue gravity survey
14-Oct-03	287	92	2	Continue gravity survey, flat terrain
15-Oct-03	288	74	3	Continue gravity survey,survey/gravity control, windy, light rain
16-Oct-03	289	35	3	Continue gravity survey, quad repair
17-Oct-03	290	67	3	Continue gravity survey
18-Oct-03	291	64	3	Continue gravity survey, very windy
19-Oct-03	292	0	0	RDO
20-Oct-03	293	65	3	Continue gravity survey, long ride to survey area
21-Oct-03	294	88	4	Continue gravity survey
22-Oct-03	295	62	1	Continue gravity survey, small holdings, survey/gravity control
23-Oct-03	296	76	4	Continue gravity survey, steep rocky outcrops, lumpy saltbush,drizzle
24-Oct-03	297	57	3	Continue gravity survey,sand dunes, fences (lack of gates), rain arvo
25-Oct-03	298	54	4	Continue gravity survey,long trip to survey area
26-Oct-03	299	68	4	Continue gravity survey,long trip to survey area
27-Oct-03	300	66	0	Continue gravity survey, survey/gravity control, lack of gates, windy
28-Oct-03	301	62	3	Continue gravity survey, very windy
29-Oct-03	302	37	2	Continue gravity survey, quad bogged, working on salt pans
30-Oct-03	303	16	0	Continue gravity survey, working on salt pans, surface water on Lake
31-Oct-03	304	67	4	Continue gravity survey, points inaccessible due to surface water on Lake
1-Nov-03	305	62	3	Continue gravity survey,large steep rocky outcros in SE of survey area
2-Nov-03	306	23	2	Complete Glyde gravity survey (1415 stations 64 repeats),demobilise
	Total	1880	99	

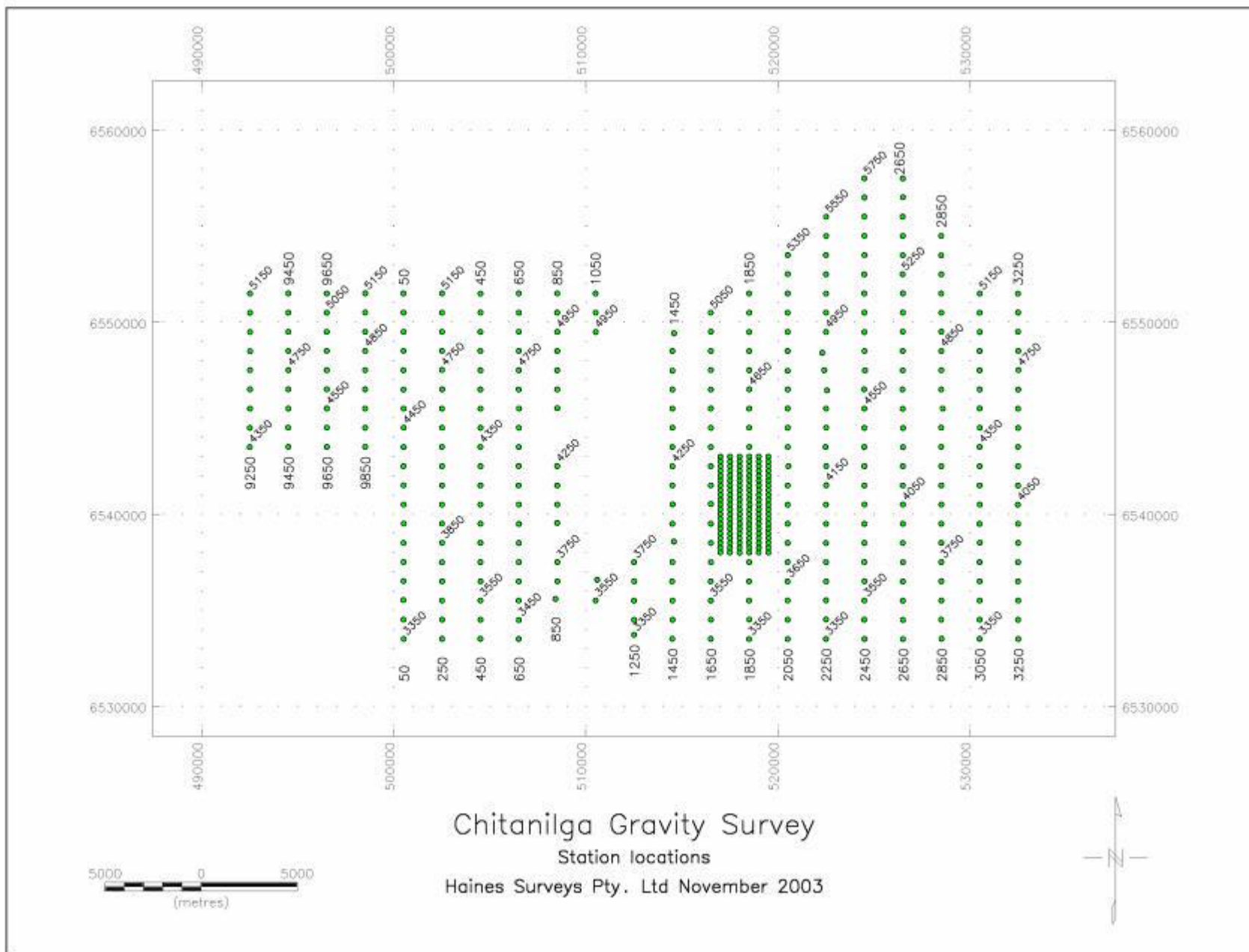
PLOTS AND GRAVITY PROCESSING RESULTS

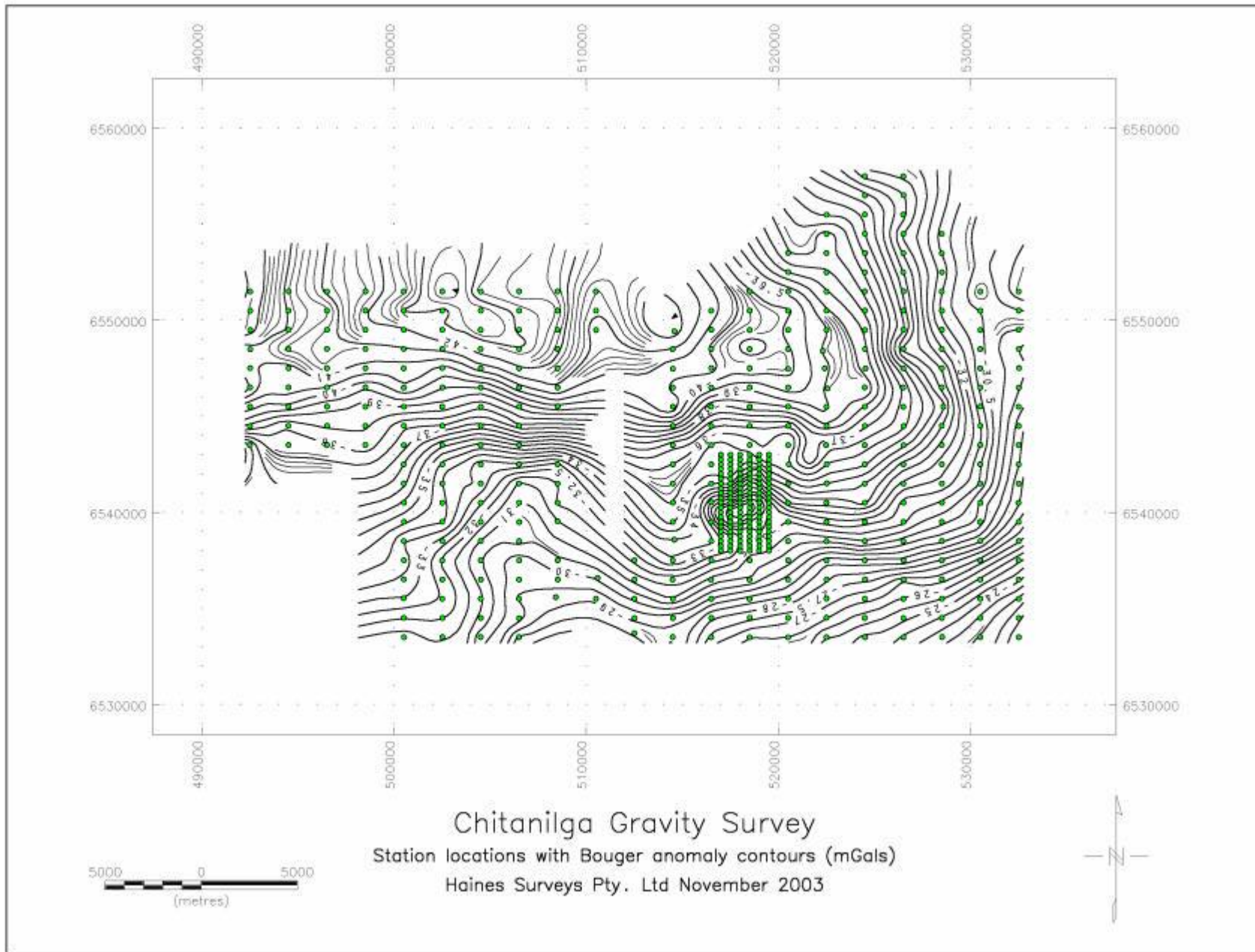
Chitanilga

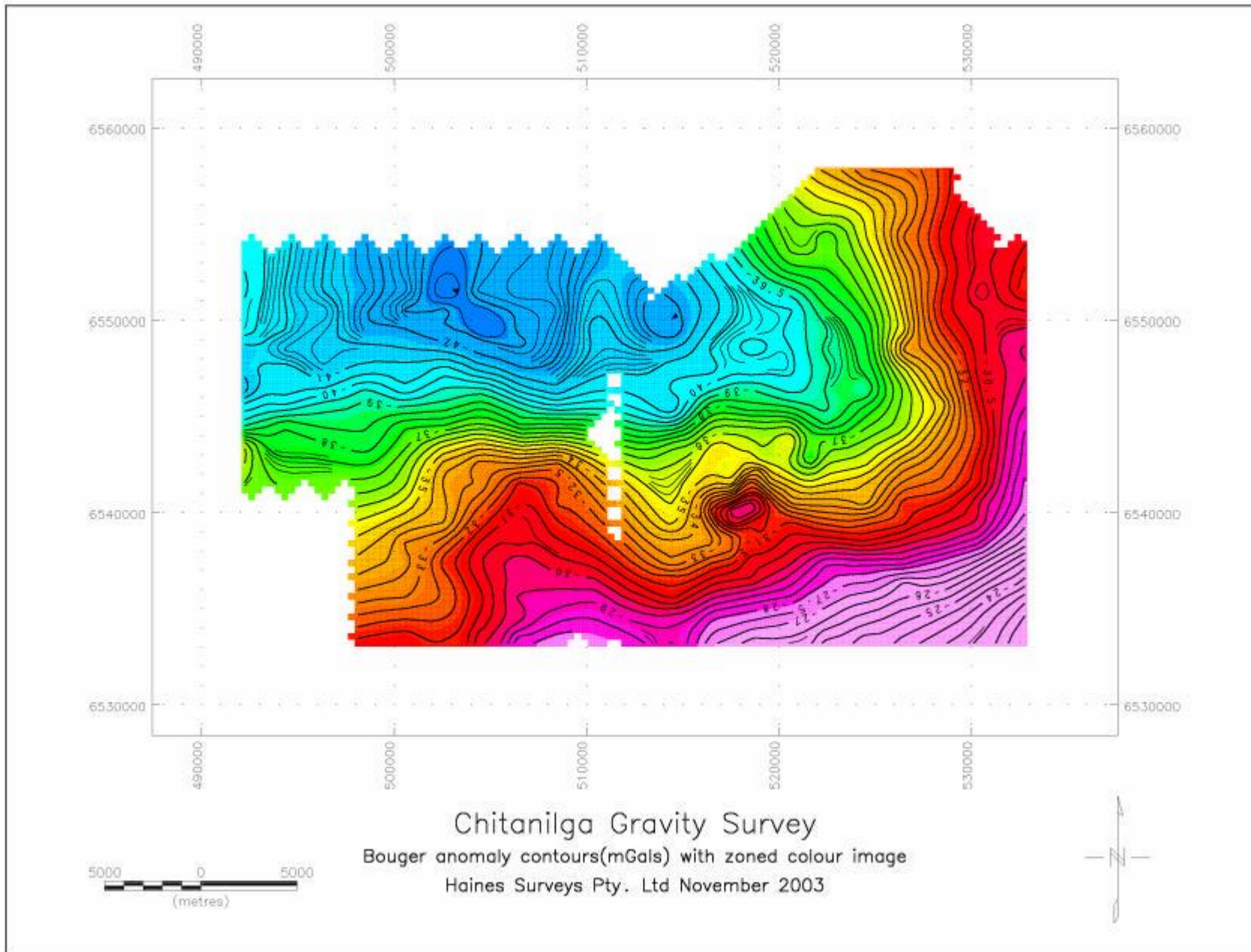
Station Locations

Stations and Bouguer Anomaly Contours

Bouguer Anomaly Contours and Zoned Colour Image





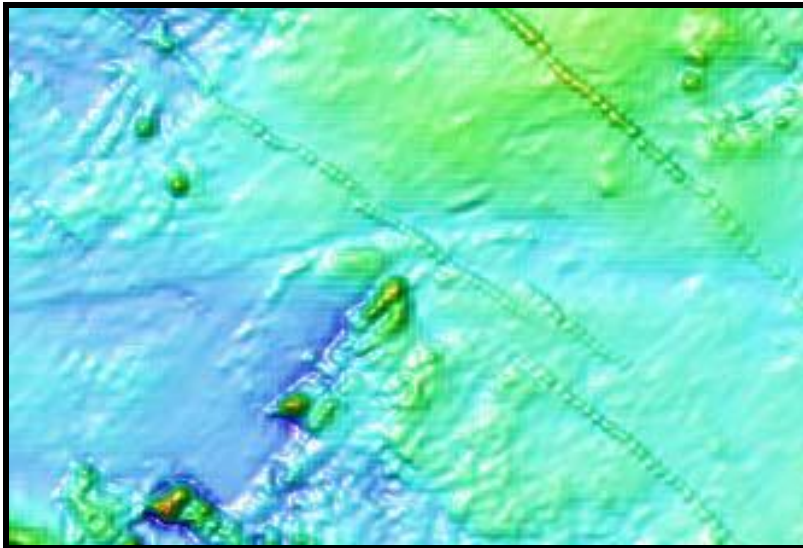


Minotaur Exploration Ltd
247 Greenhill Rd, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8366 6001
Email: admin@minotaurexploration.com.au

ANNUAL TECHNICAL REPORT

**EL 3157 YERDA WELL
SOUTH AUSTRALIA**

FOR YEAR ENDING 19th JANUARY 2006



R.B. Flint, A.C Burt and A.D. Thompson

Minotaur Exploration Ltd
247 Greenhill Rd, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8366 6001
Email: admin@minotaurexploration.com.au

ANNUAL TECHNICAL REPORT

EL 3157 YERDA WELL SOUTH AUSTRALIA

FOR YEAR ENDING 19th JANUARY 2006

R.B. Flint, and A.C. Burt
Senior Geologists
and
A. Thompson
Senior Geophysicist

July 2006

SUMMARY

- A detailed 400 m x 400 m gravity survey has delineated a curvilinear, 3 mGal gravity anomaly and coincident magnetic anomaly in the central subarea of EL 3157. Historical drillholes in the vicinity have not adequately explained the geophysical features and the potential exists for magnetite-hosted IOCG-style mineralisation. Further drilling is warranted.
- A calcrete sampling program incorporating 102 samples from the eastern and central subareas failed to highlight any significant Au or Cu anomalies.
- A review of NOAA and radiometric data reveals possible Tertiary palaeochannels in the northern, central and eastern subareas of EL3157 and an airborne EM survey is planned for portion of the tenement in order to assist exploration for sedimentary uranium mineralisation.

MAP REFERENCE: 1:250 000: TARCOOLA (SH 53-10), CHILDARA (SH 53-14) and
GAIRDNER (SH 53-15)
MAP REFERENCE: 1:100 000: Meelera (5835), Tarcoola (5836) and Kokatha (5935)
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INTRODUCTION

EL 3157 (Yerda Well) is situated south and west of Kingoonya on the central portion of the Gawler Craton, central South Australia. The tenement covers 620 km² and was acquired by Minex (SA) Pty Ltd (now Minotaur Operation Pty Ltd) on 20th January 2004 for the purpose of exploration for Fe-oxide Cu-Au deposits with the operator being Minotaur Resources Pty Ltd (now Minotaur Exploration Pty Ltd) (Figure 1).

This report represents the second annual technical report for EL 3157 and follows earlier report by Flint and Hart (2005). During the past 12 months, exploration activities included:

- Collection and analysis of 102 calcrete samples,
- Review of historical calcrete sample data and merging of recently acquired samples,
- Acquisition of 179 stations of infill gravity data,
- Merging, processing and modelling of the gravity data,
- Review of previous mineral exploration geological and geophysical data,
- Review uranium palaeochannel potential,
- Interpret NOAA and airborne radiometric data for palaeochannels,
- Divest uranium rights to Toro Energy Ltd.

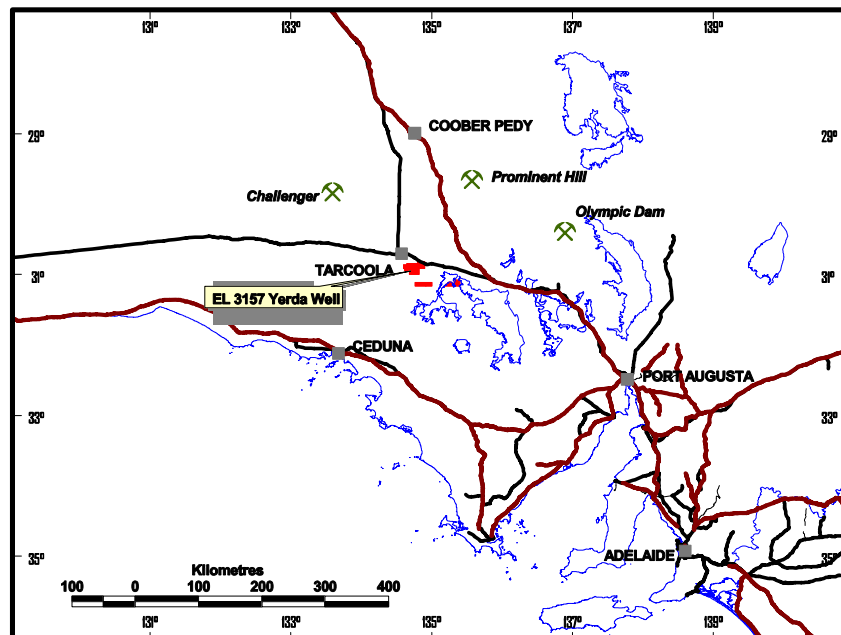


Figure 1: Location plan for EL 3157 (Yerda Well), South Australia

The licence area comprises three subareas (Figure 2):

- The eastern subarea is N of Kokatha Homestead, bordered by Lake Harris and encompasses part of the westernmost Gawler Ranges,
- The central subarea is S of Yerda Outstation with very limited basement exposure,
- The northern area south of Wilgena Homestead and the transcontinental railway is predominantly covered with sand dunes and spreads, though numerous isolated basement exposures are present.

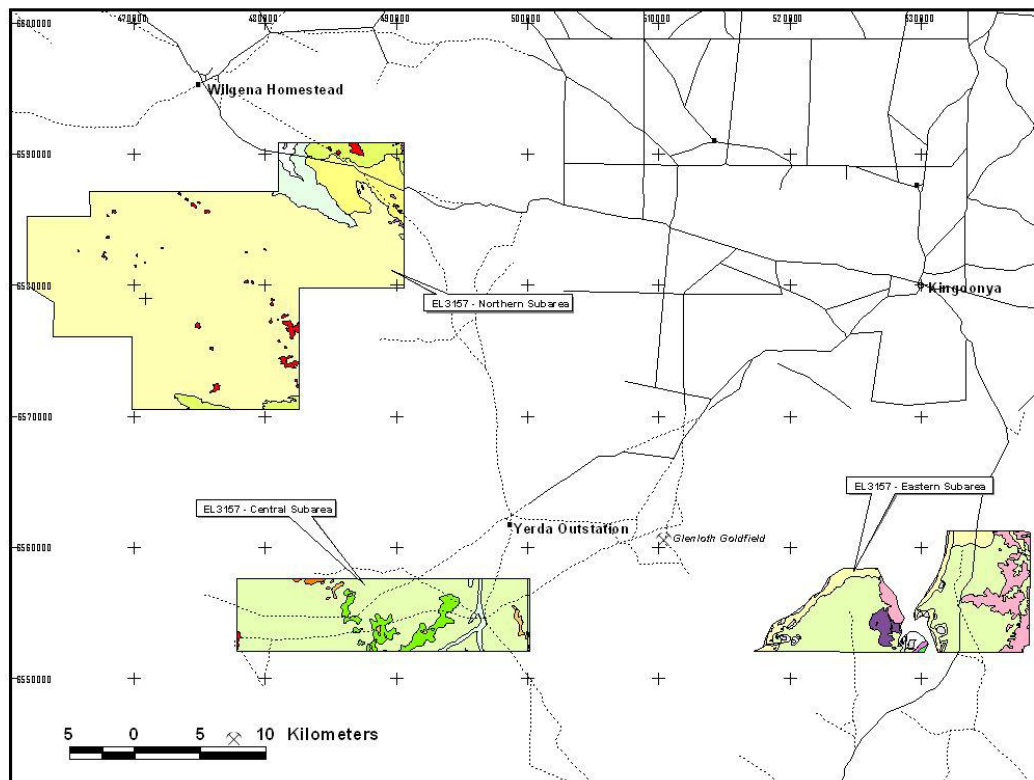


Figure 2: Outcrop geology of EL3157 (Yerda Well) (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991).

REGIONAL GEOLOGY

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, various volcanosedimentary sequences, including the Wilgena Hill Jaspilite, Eba Formation, Labyrinth Formation and Tarcoola Formation were deposited within

localised basins that were variously deformed during late stages of the Kimban and Kararan Orogenies. Associated plutonism includes the Muckanippie Anorthosite and granitoids of the Tunkillia Suite and St Peter Suite. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and N-trending Yarlbirinda Shear Zone that are up to several kilometres wide with ductile shearing and deformation occurring before ~1600 Ma (Daly et al., 1998; McLean and Betts, 2003) (Figures 3–5).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu-Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralisation at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993) (Figure 3). Displacements along NE-trending faults (e.g. Bulgunnia Fault), NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.

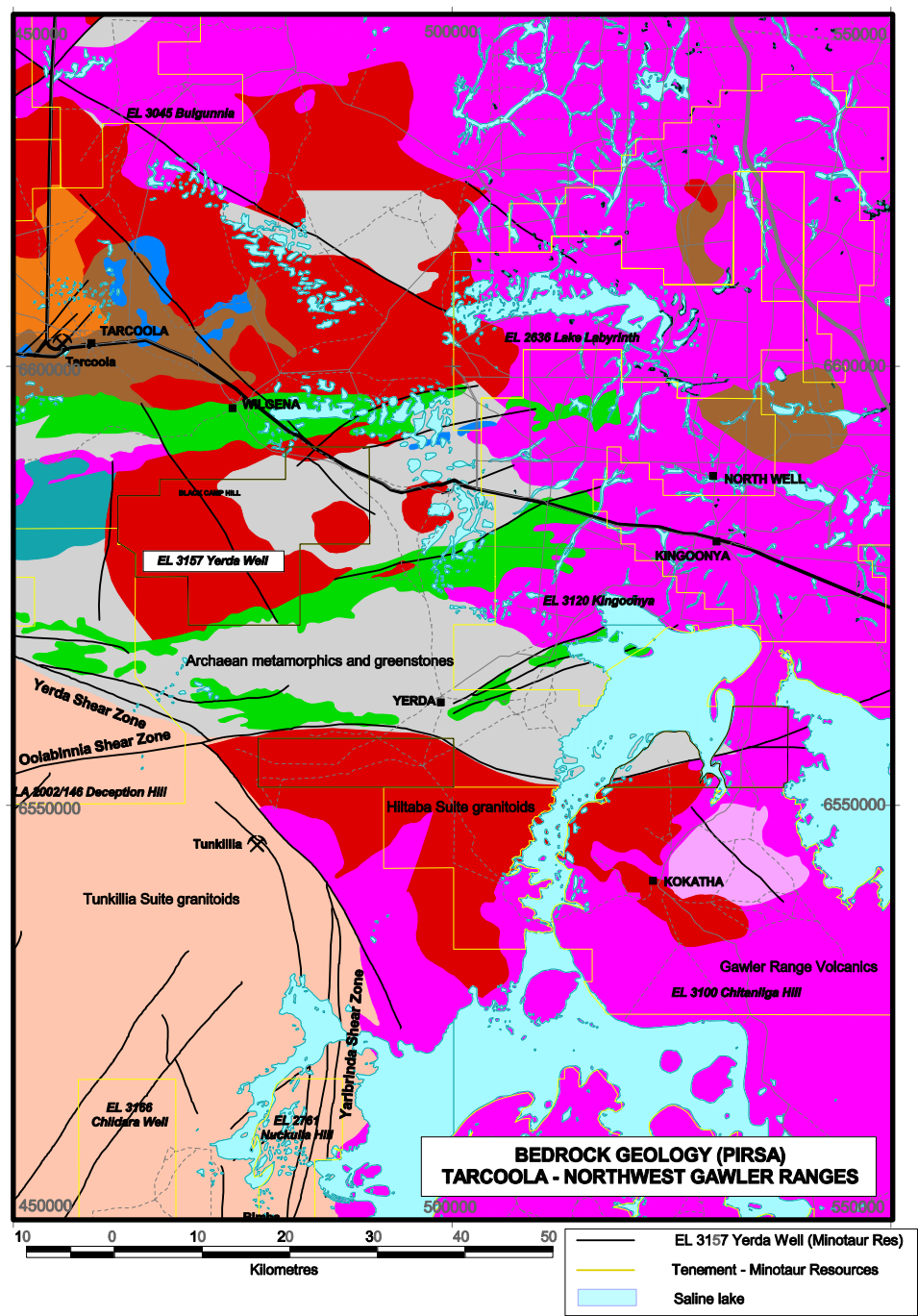


Figure 3: Regional tectonic sketch for the central Gawler Craton (Fairclough et al., 2003)

REGIONAL MINERALISATION

No significant mineral prospects or mines are known within EL 3157 (Yerda Well), but mineralisation, predominantly tin and gold, are present at various localities regionally.

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

The Tarcoola Goldfield during the period 1901–1986 yielded 2.387 t of Au at an average grade of 37.5 g/t. Production was from quartz reefs within predominantly Palaeoproterozoic Tarcoola Formation siltstone and quartzite and to a much lesser extent within nearby Hiltaba Suite granite (Daly et al., 1990; Daly in Flint, 1993).

The Glenloth Goldfield was worked between 1893–1901 and again during the 1930's for a total recorded production of 315.4 kg from 14 620 t of ore yielding an average grade of 21.6 g/t Au (Daly in Flint, 1993). Auriferous quartz veins and sets up to 1 m wide occur within sheared Archaean Glenloth Granite and Kenella Gneiss (Mulgathing Complex) though are believed to have been derived from a shallow, but concealed, Hiltaba Suite granite batholith (Blissett, 1985).

Helix Resources have defined a total JORC resource for the Tunkillia Prospect of 10.5 Mt at 2.2 g/t Au for 730 000 oz of contained gold (Ferris and Wilson, 2004). Host rocks within the Yarlbrinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite, with mineralisation most likely related to fluids emanating from a Hiltaba Suite granite and preferentially focused along the Yarlbrinda Shear Zone.

Other prospects further south along the Yarlbrinda Shear Zone include Myall, Sheoak and Bimba Prospects discovered by Equinox Resources during 1995–1997. Initial calcrete sampling was successful and subsequent exploration included RAB, RC and diamond drilling programs, encountering significant anomalous gold. Intercepts included 7 m at 3.1 g/t Au

(52-59 m in NHAC26) and 22 m at 1.1 g/t Au (113-135 m in NHRC-1) at the Sheoak Prospect (Parker, 2003).

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

Total production for the Earea Dam Goldfield (just E of northern subarea of EL 3157) is estimated at ~59.2 kg of Au from hand-picked ore at an average grade of 35.3 g/t Au (Fradd, 1988). Anomalous tin and silver occur with the gold with selected samples ranging up to 9.5% Sn. Tin mineralisation within greissen veins also occurs at Warna Rockhole and South Lake prospects southeast of Wilgena Homestead. At South Lake, cassiterite and associated anomalous Mo, Cu and Zn occur in quartz vein sets, up to 1 m wide, which crosscut the foliation in the Archaean Kenella Gneiss. At Warna Rockhole, quartz-veined Hiltaba Suite granite contains erratic tin values up to 3 200 ppm, implying Au- and Sn-bearing hydrothermal fluids were synchronous with Hiltaba Suite plutonism (Daly in Flint, 1993).

PREVIOUS MINERAL EXPLORATION

Previous exploration in the region has been patchy with some areas receiving surprisingly little attention (Figures 4–6).

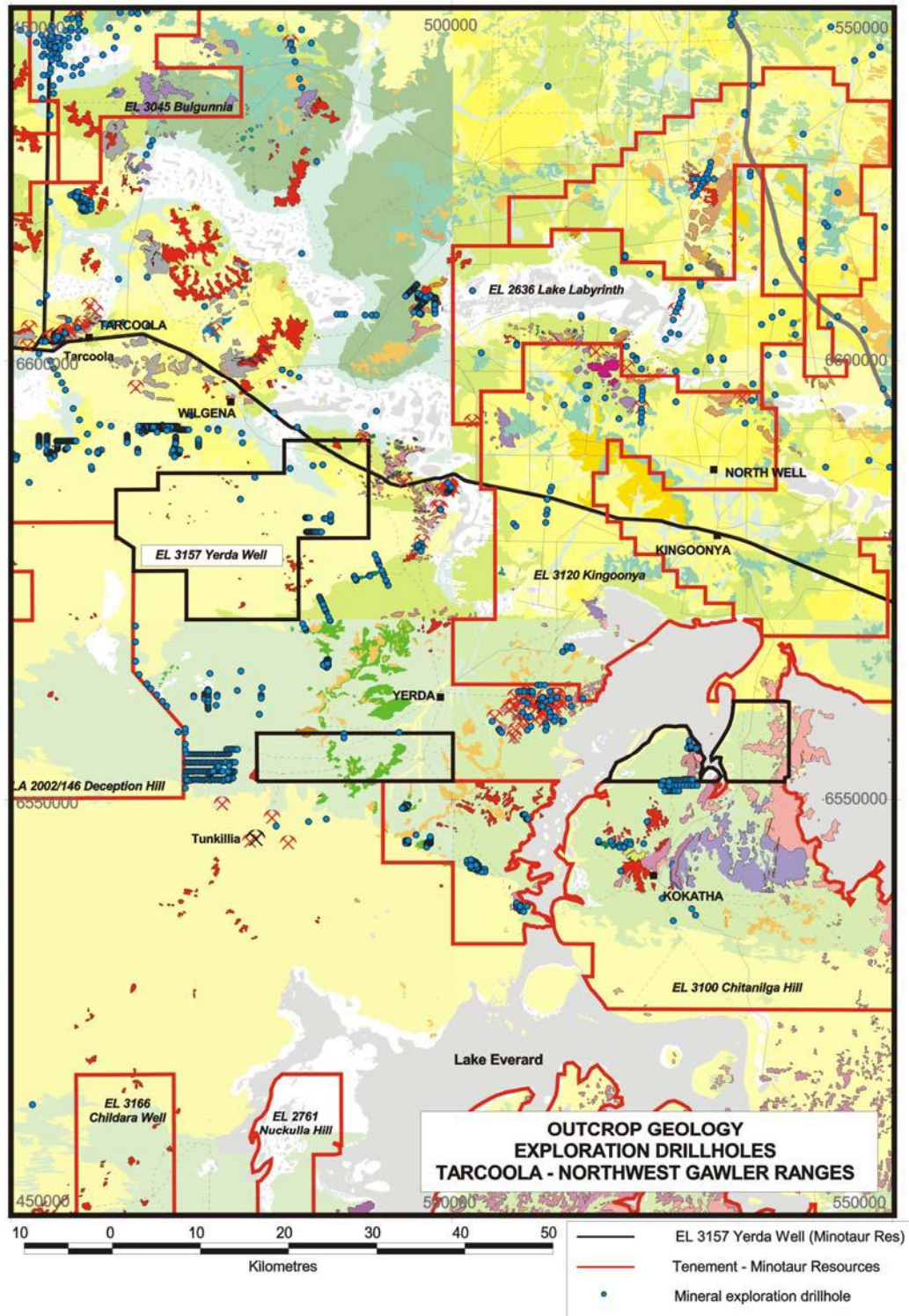


Figure 4: Outcrop geology and exploration drillholes for EL 3157 (Yerda Well) (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991)

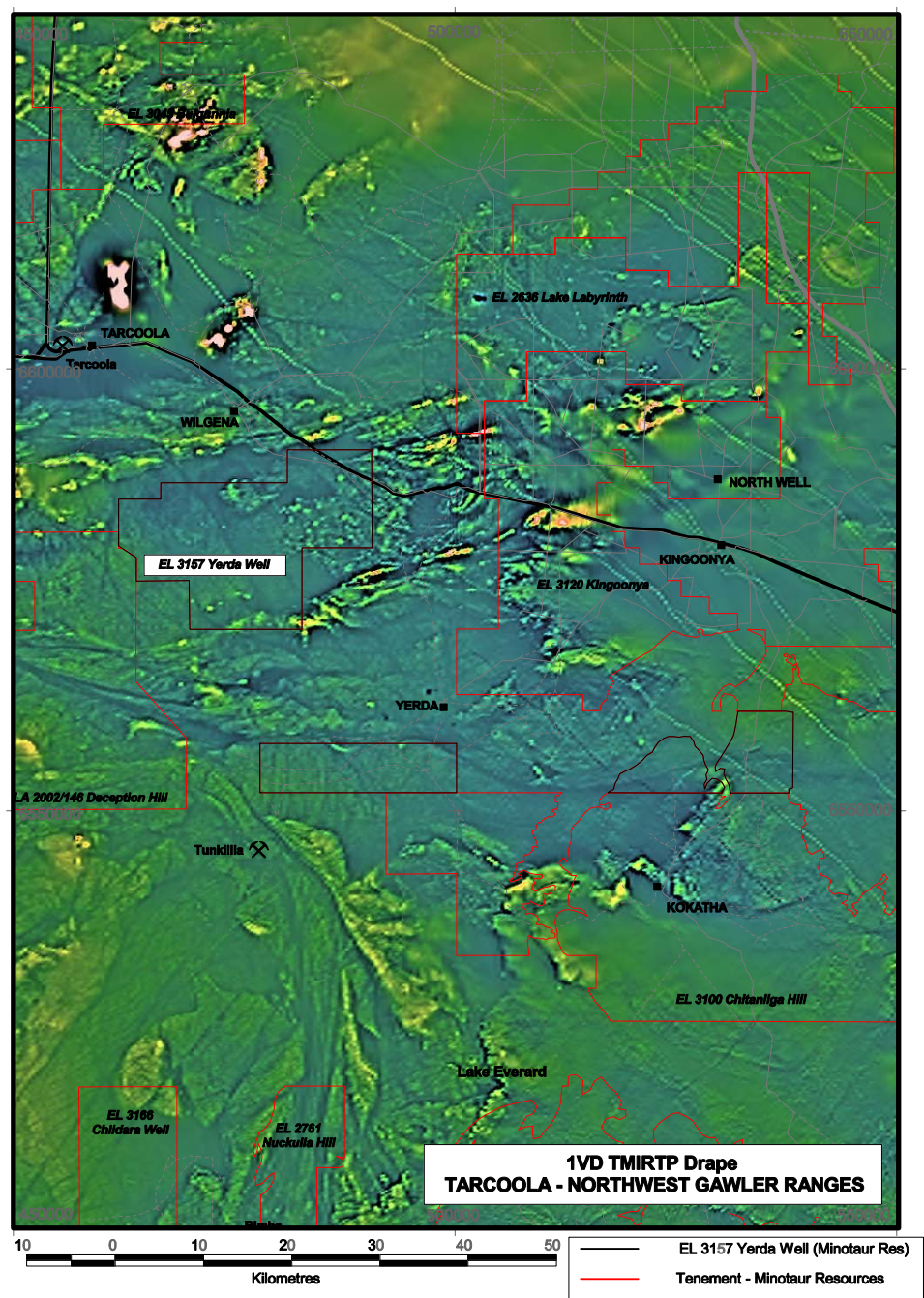


Figure 5: TMI drape and 1VD-TMIRTP for the central Gawler Craton (PIRSA data)

Eastern subarea

In the *eastern subarea*, near Kokatha Homestead, rhyolitic and rhyodacitic units of the Gawler Range Volcanic rocks are exposed. Tarcoola Gold Ltd drilled 18 holes (GLE 1-18) in 1987 along the tenement boundary targeting Au. Cover was 10–20 m thick, though granite intersected contained no anomalous Au (only assayed for As, Au, Mo, Sb & W). Goldstream Mining NL in 1998 drilled 24 holes (98KE series) on exposed Gawler Range Volcanics to depths in the range 25–30 m. Anomalous Pb was obtained within rhyolite in several drillholes with 10 m interval >0.1% Pb (98KE8) and 15 m wide zone >600 ppm Pb (98KE10). Maximum Pb assay was 2050 ppm (98KE8, 5-10 m). Mineralisation is at depths less than 20 m below ground level.

Rare calcrete samples (total of six by Filsell and Sons) and stream sediment samples (total of five by CRA Exploration) in part of this region are not considered to be indicative of the nature of the underlying basement as transported Quaternary and Tertiary sediments blanket much of the region (Figure 2 and 4). The calcrete geochemical sampling technique is not considered effective in regions of transported cover.

Existing gravity coverage is good, station spacing being 1 x 2 km collected by Minotaur as part of the Chitanilga Hill survey (data supplied with 2005 Annual Report). No gravity anomalies are evident on the *east subarea*.

Central subarea

The *central subarea* is situated immediately below a regional flexure in the E–W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbirinda Shear Zone. Previous exploration within the *central subarea* is very limited, with only three mineral exploration drillholes.

Five drillholes by CSR Minerals Exploration in 1987 (TUN34–TUN38) intersected gneiss below ~15 m of cover sediments, but were only drilled to a maximum depth of 38 m (Figure 4). Drillhole TSI1 by MIM Exploration in 1996 also intersected gneiss and granite, but with no significant anomalous Au, Cu, Pb and Zn. Gneiss and granite intersected may be either part of the Palaeoproterozoic Tunkillia Suite or of Archaean age.

A calcrete geochemical survey by Goldstream Mining in 1997 just encroaches on the southeast portion of the subarea. Au values were predominantly 1–4 ppb with maximum value of only 6 ppb within the subarea. In 1995–1997, MIM undertook calcrete sampling over the entire *central subarea* on a 400 x 400 m grid. Au values were predominantly below detection (<1 ppb) with rare isolated samples up to 9 ppb. Cu values are similarly low with a maximum of 38 ppm (Figure 6).

Existing gravity coverage is good — station spacing is 1 km along lines 2 km apart (Figure 7).

Northern subarea

Much of the *northern subarea* has been sampled for calcrete geochemistry and assayed for Cu and Au. Programs by Aurelius Resources and MIM Exploration from 1995–1998 generally returned low values with maximum Au values of 11 ppb (#550706, 550799). However, Cu values are elevated in the northeast portion of this subarea with a peak value of 107 ppb (#561381), though existing coverage is incomplete.

Previous drilling within this subarea has focused on the northeast portion closest to the transcontinental railway line with a total of 49 drillholes, principally by Afmeco, Tarcoola Gold and Pima Mining (Figure 4). No anomalous Au or base metal values were obtained from a variety of basement lithologies, including ?Archaean gneiss and Mesoproterozoic granite, though elevated Ba (<1000 ppm), Ce (<300 ppm) and La (<150 ppm) occur within granite south of Wilgena. Anomalous Ni and Cr were obtained in several drillholes by PIRSA in the southeast portion of the subarea with maximum values of 2100 ppm Cr (TAR36, 4–10 m) and 1600 ppm Ni (TAR35, 18–24 m) presumably from Archaean komatiite.

Existing gravity coverage is good, being either 4 x 1 km or 4 x 2 km spacing. No significant gravity anomalies are present.

Apart from these activities, very little mineral exploration has been undertaken over this northern region of the tenement.

MINERAL PROSPECTIVITY

EL3157 (Yerda Well) tenement lies within a region recognised as offering potential to host gold mineralisation. Historical mines at Tarcoola and Glenloth have produced significant quantities of Au and the Tunkillia Prospect on the Yarlbrinda Shear Zone contains a significant, undeveloped resource. Controls to gold mineralisation are considered to be from hydrothermal fluids emanating from Hiltaba Suite granitoids with gold and associated pyrite generally occurring within steeply-dipping quartz veins in an alteration zone comprising sericite and chlorite. Surrounding host rocks range from Archaean gneisses to Palaeoproterozoic granitic gneisses to Palaeoproterozoic sediments, indicating mineralisation is strongly influenced by proximity to Hiltaba Suite plutons and major structures as conduits for hydrothermal solutions.

The Yerda Well tenement is located close to the E-trending Yerda and Oolabinnia Shear Zones and their intersection with the N-trending Yarlbrinda Shear Zone (Figure 4). All three are predominantly, regionally significant, Palaeoproterozoic shear zones of ductile deformation that were reactivated during the ~1590 Ma episode of felsic volcanism and plutonism.

The *central* and *eastern subareas* of the Yerda Well tenement lie along the eastern extension of the Yerda Shear Zone and their favourable structural setting has not been previously fully appreciated. In particular, within the *eastern subarea* near Lake Harris, the interpreted shear zone is only ~15-20 m below the surface and has not been previously specifically examined. The *central subarea* is situated immediately below a regional flexure in the E–W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbrinda Shear Zone.

The *northern subarea* contains several NW-trending brittle faults that were probably active during Hiltaba Suite plutonism and may have been conduits for hydrothermal solutions. A regionally significant area of elevated Cu values in calcrete may coincide with an interpreted NW-trending fault.

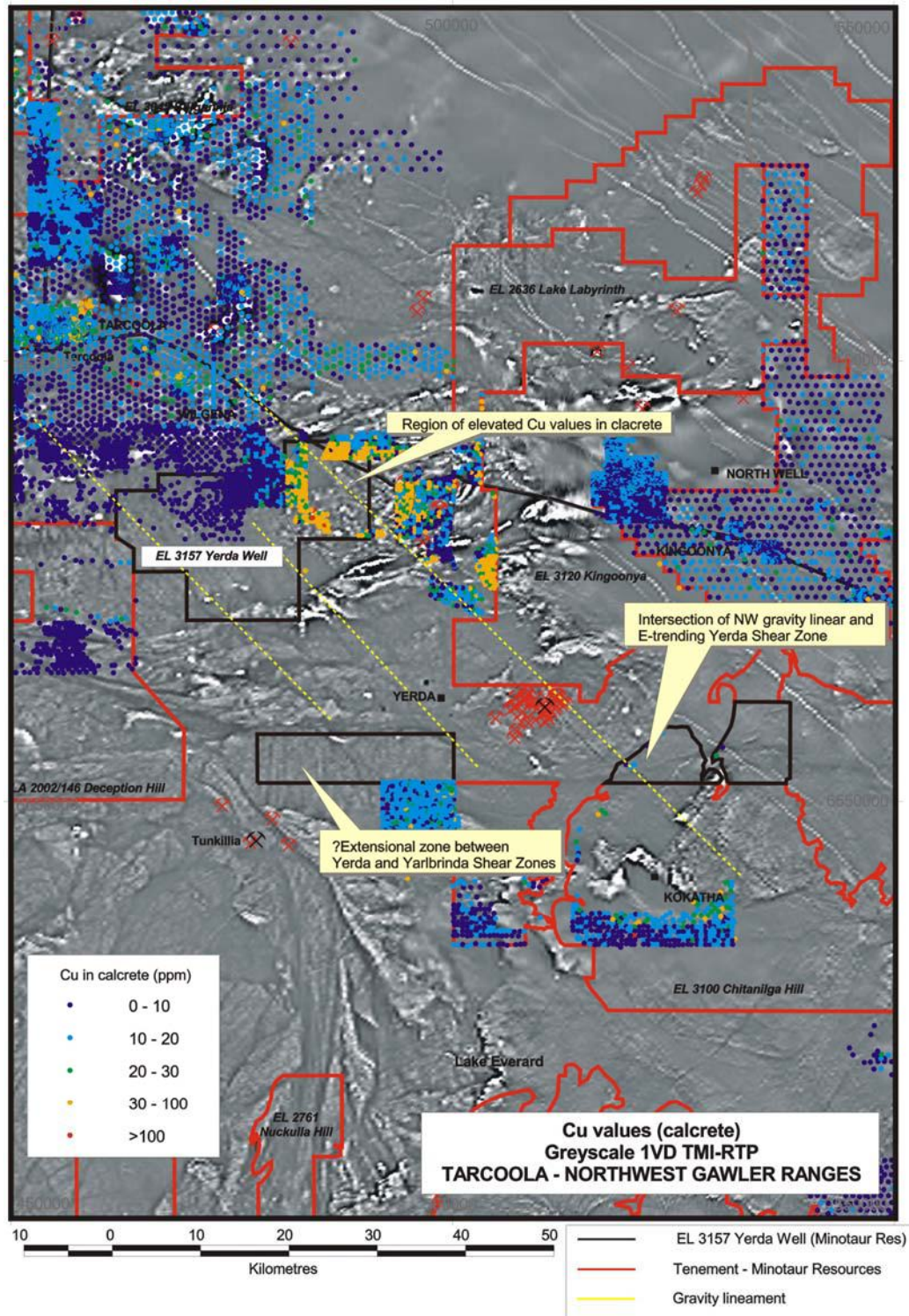


Figure 6: Cu values in calcrete for the central Gawler Craton (PIRSA).

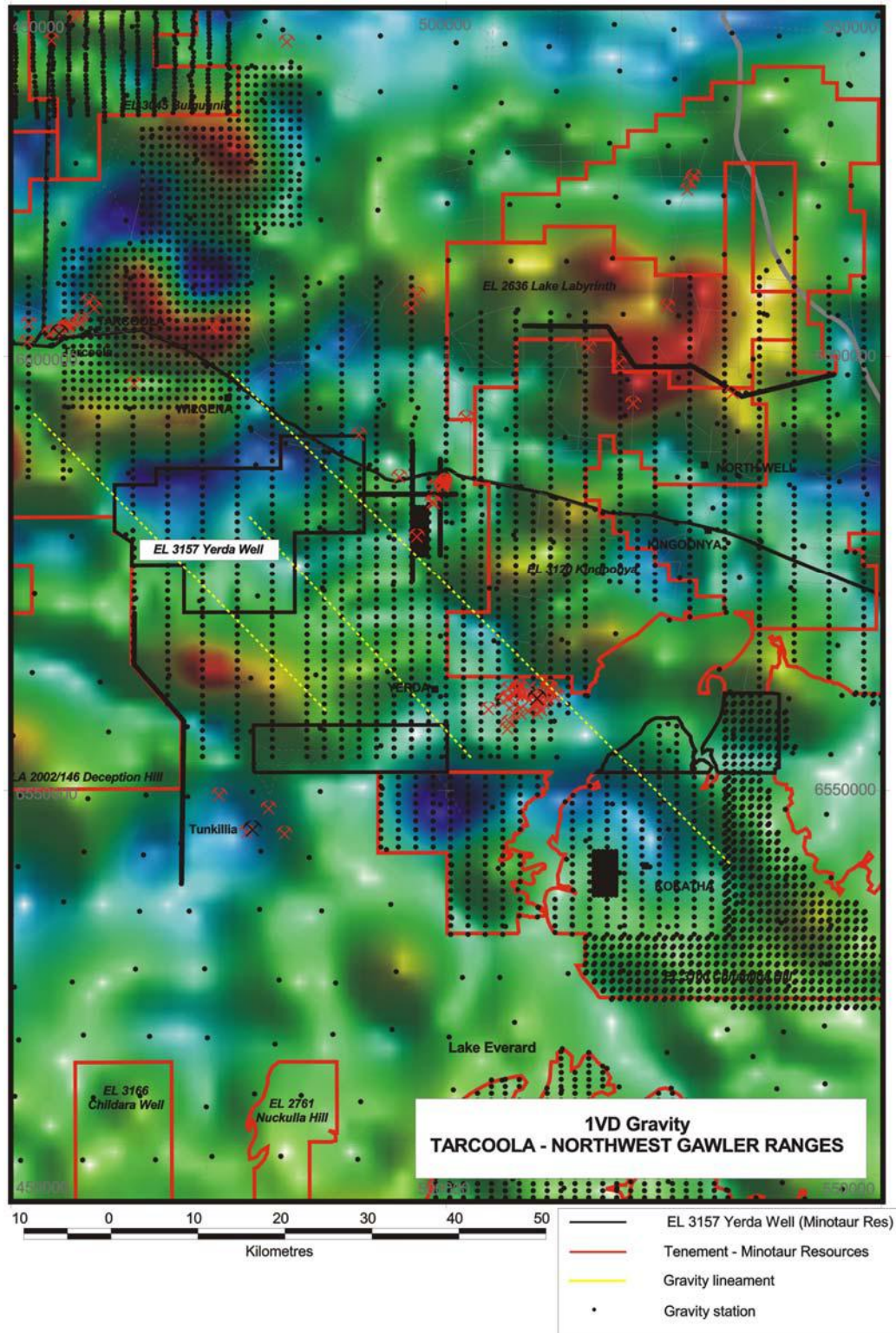


Figure 7: 1VD gravity image for the central Gawler Craton.

GRAVITY DATA AND INTERPRETATION

In August 2005 Haines Surveys Pty Ltd acquired 80 gravity stations at 1 km spacing along N–S lines to infill between existing 2 km spaced lines with 1 km spaced stations in the *northern subarea* of EL3157 (Yerda Well). No significant gravity anomalies were delineated, though in the northern region of the *northern subarea* there are several very low amplitude 1VD gravity anomalies. A low amplitude regional gravity anomaly was identified in the *central subarea* and has been the subject of an infill gravity survey. No significant gravity anomalies have been delineated in the *eastern subarea* (Figures 8–9 and 11–12).

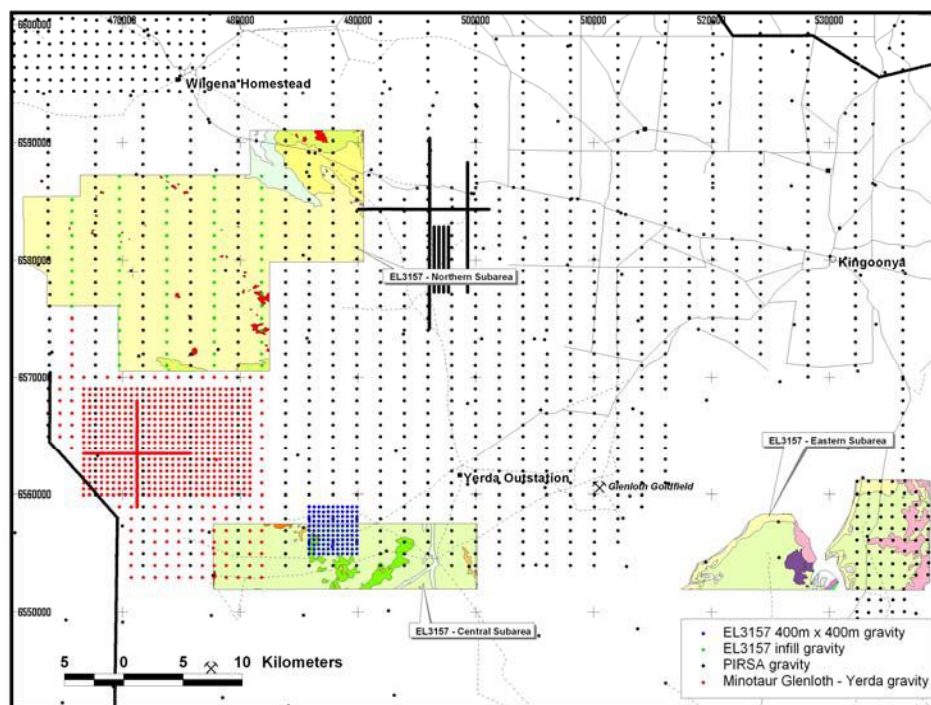


Figure 8: Existing gravity stations acquired by Minotaur and PIRSA with infill surveys on the northern and central subareas

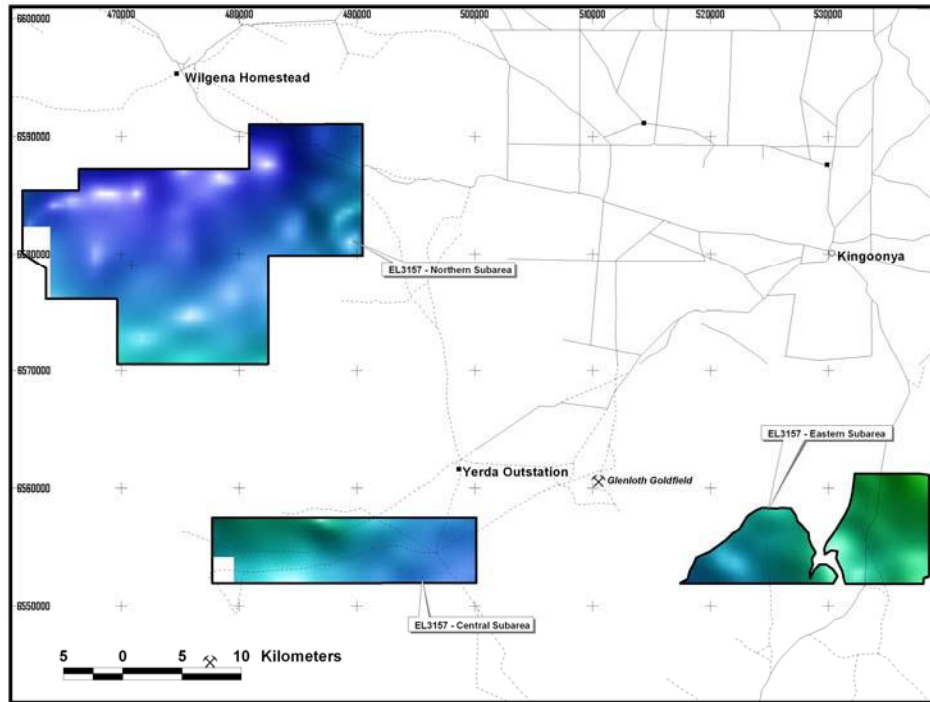


Figure 9: Bouguer gravity image for EL3157 (Yerda Well)

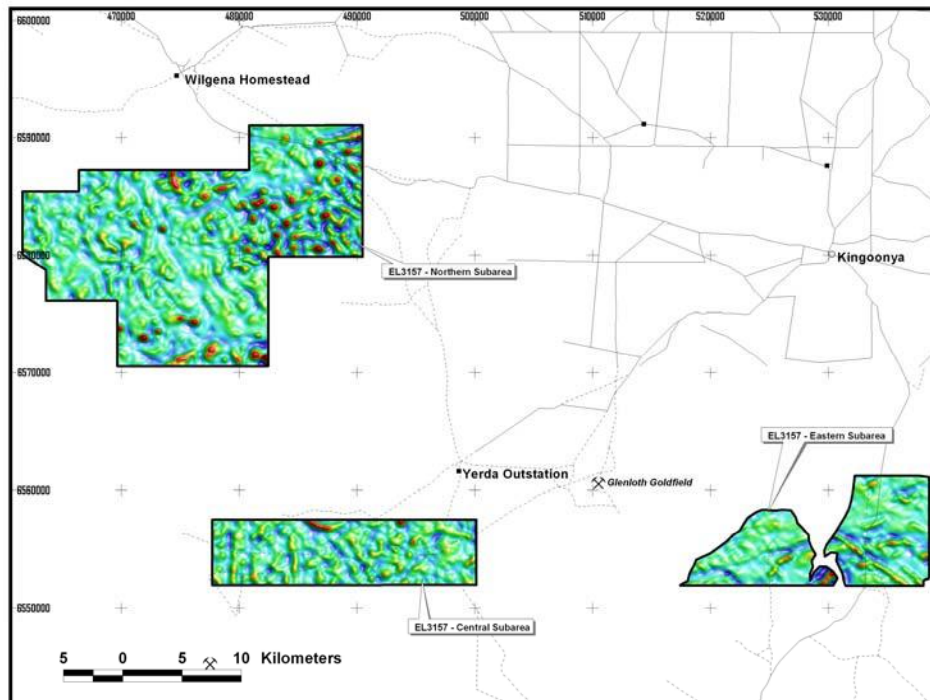


Figure 10: RTP-cnorm TMI magnetic image for EL3157 (Yerda Well)

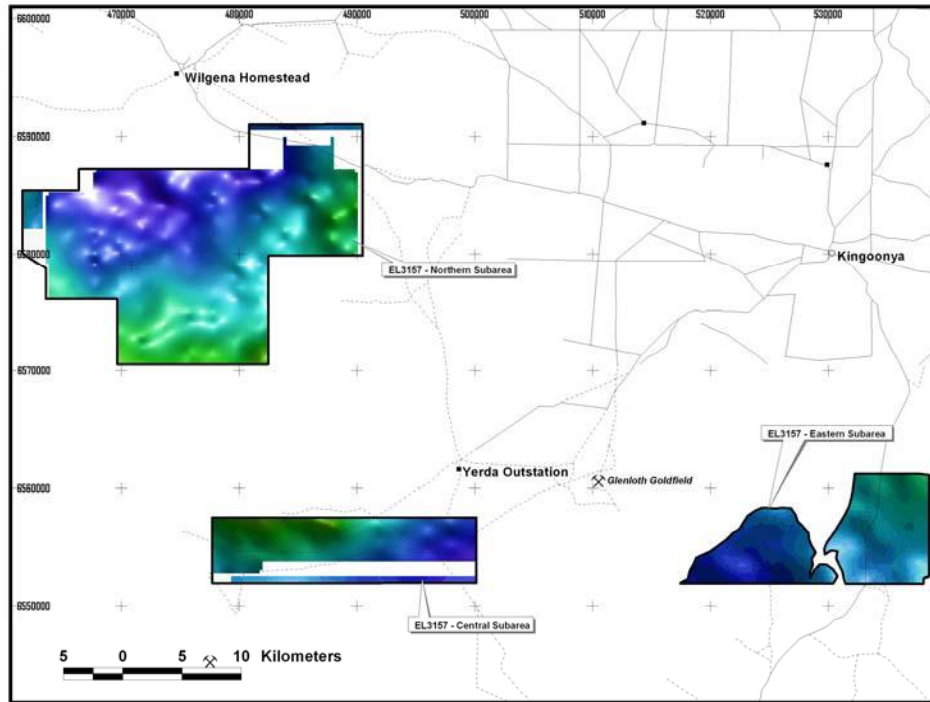


Figure 11: Residual gravity image for EL3157 (Yerda Well)

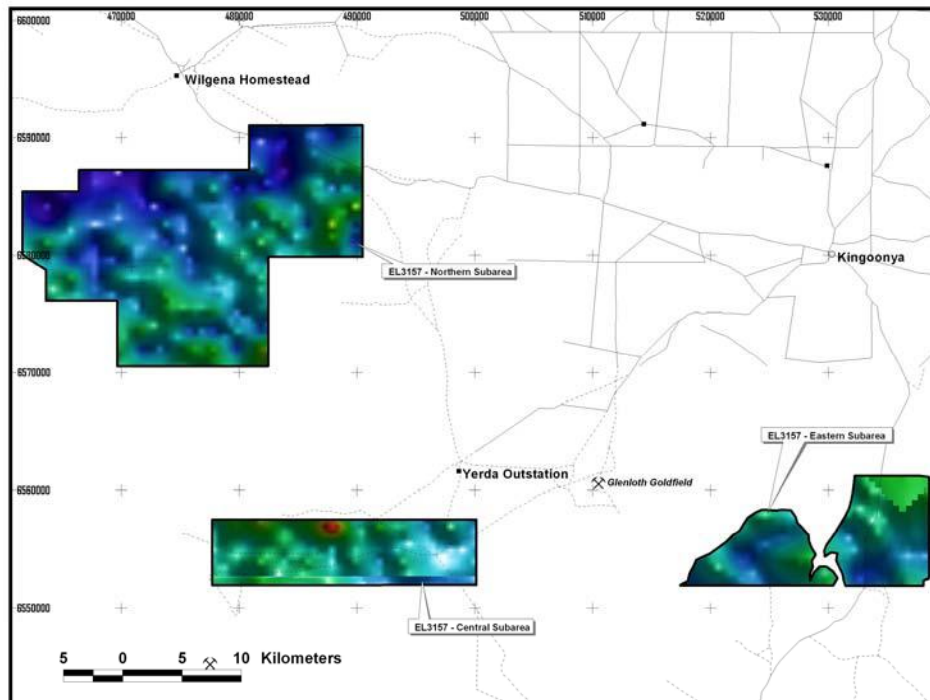


Figure 12: 1st Vertical Derivative gravity image for EL3157 (Yerda Well)

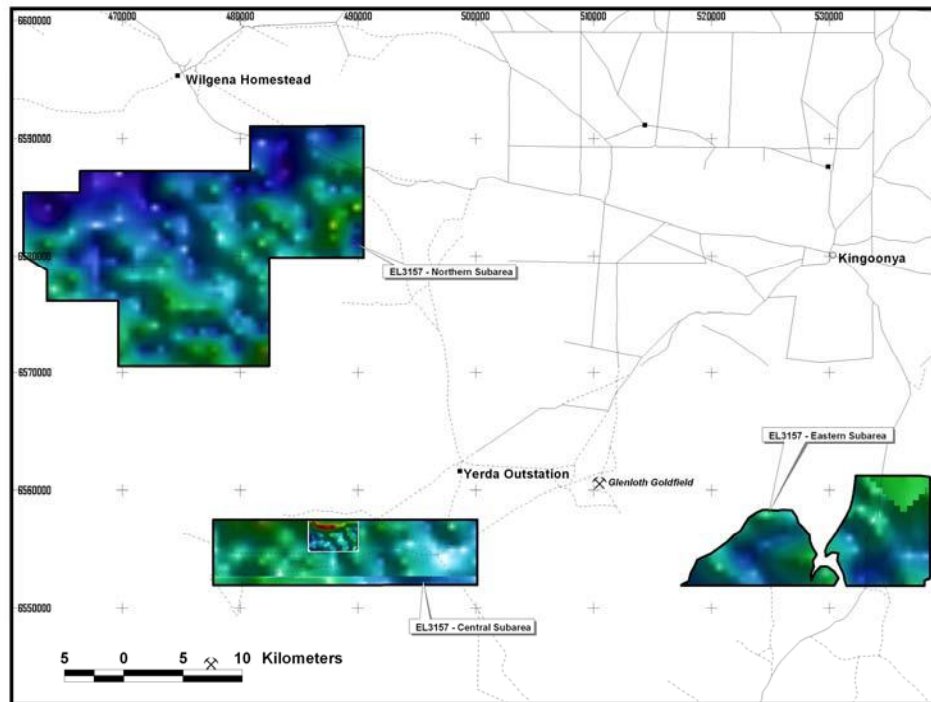


Figure 13: 1st Vertical Derivative gravity image for EL3157 (Yerda Well) and superimposed detailed survey results for the central subarea

During October 2005, Haines Surveys Pty Ltd acquired 130 gravity stations (99 on EL3157 – *central subarea*) with a station spacing of 400 x 400 m to increase the resolution of gravity data and to determine whether an anomaly identified in regional gravity data was directly associated with a magnetic response (Figures 8–13).

The First Vertical Derivative anomaly image of the detailed infill gravity data reveals an anomaly with an amplitude of ~3 mGals and an areal extent of 3.2 x 0.5 km. The residual gravity response coincides directly with a curvilinear magnetic feature, suggesting a magnetic, dense source for the magnetic and gravity anomalies (Figures 14–15).

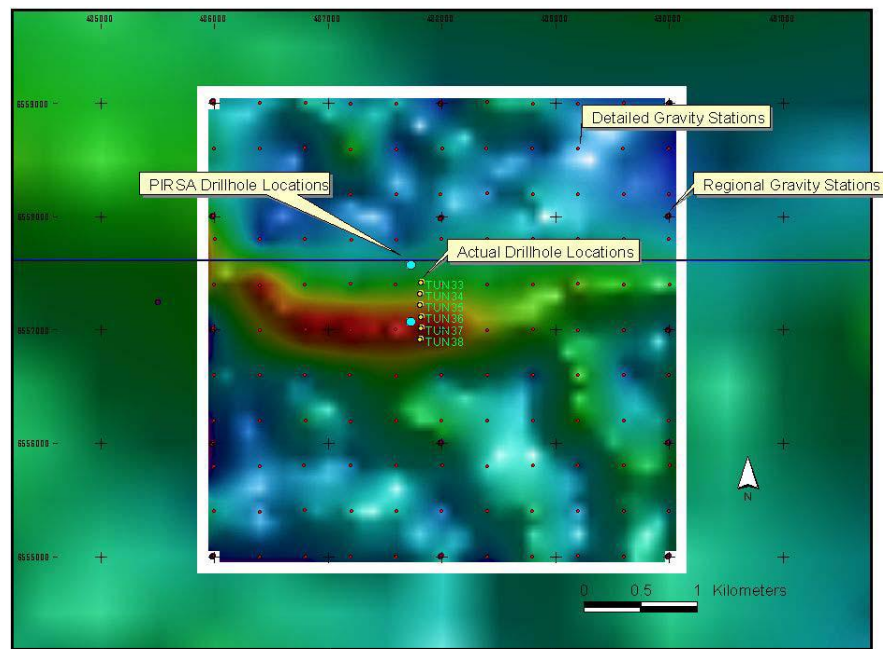


Figure 14: 1st Vertical Derivative gravity image of the detailed gravity survey for the central subarea of EL3157 (Yerda Well) including locations of historical drillholes

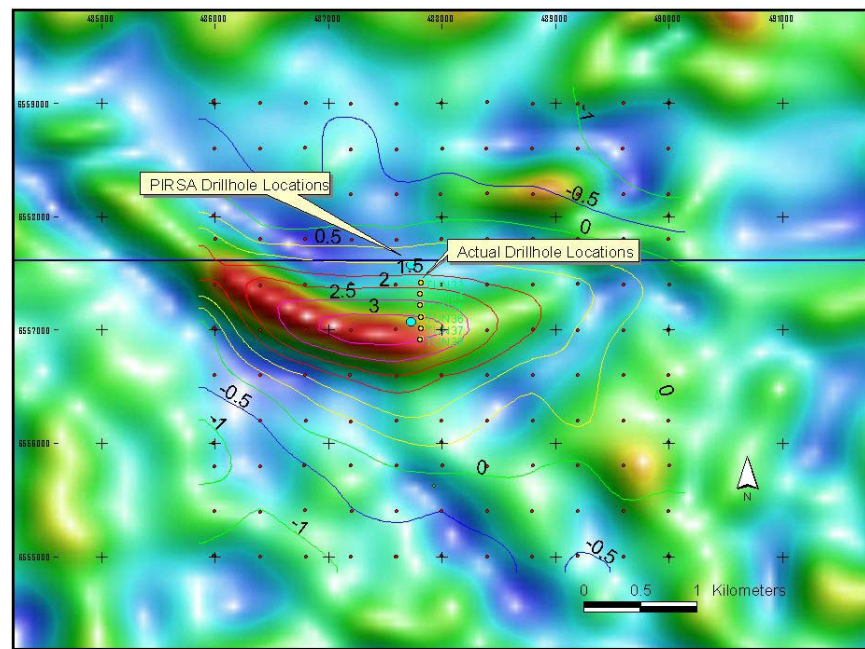


Figure 15: Residual gravity contours on TMI magnetic image for detailed gravity survey, central subarea EL3157 (Yerda Well)

3D modelling indicates a depth to source of 200 m and an SG of 3.1 g/cc, however, there is an existing RAB drillhole directly over the gravity anomaly which intersected basement at 14 m (Figure 16).

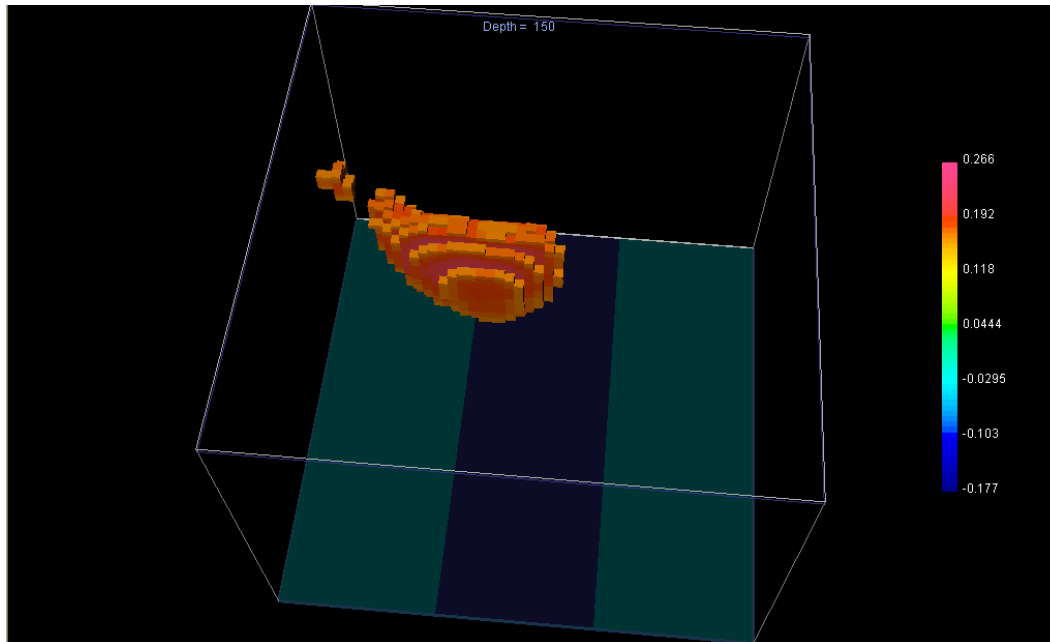


Figure 16: 3D gravity inversion model of the gravity anomaly from the central subarea, EL3157 (Yerda Well)

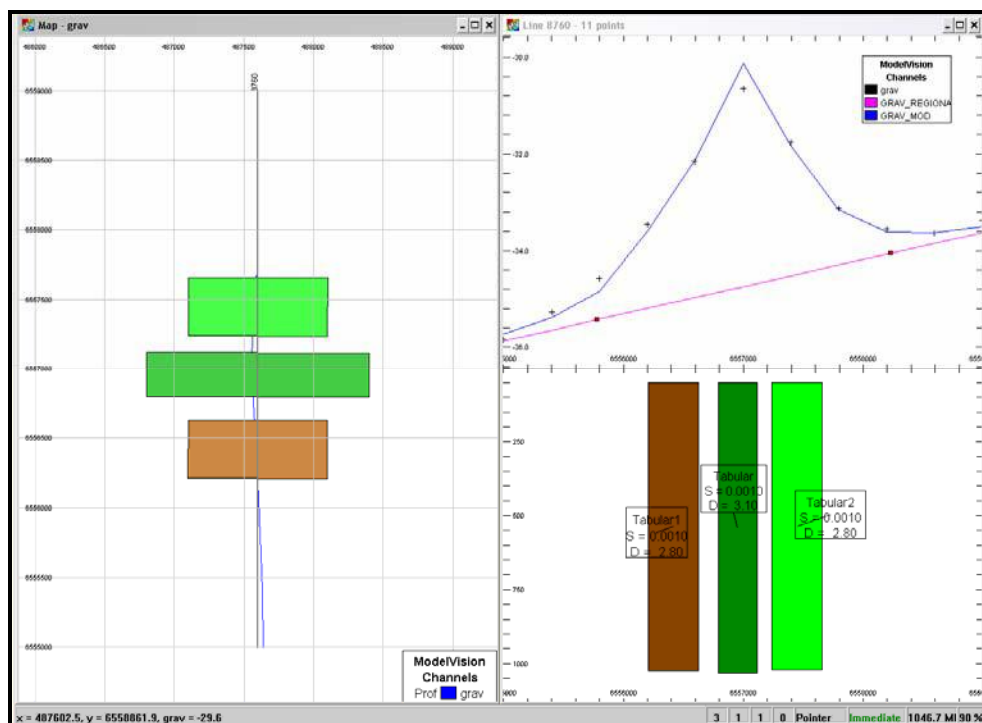


Figure 17: 2D gravity model of the gravity anomaly from the central subarea, EL3157 (Yerda Well).

2D modelling suggests the anomaly has an SG of 3.1 g/cc and a depth to source of only 50 m (Figure 17). The density used in the model could be higher should the target be deeper or thinner but is unlikely to be lower than 3.1 g/cc given the shallow depth of the target. In order to fit the observed data, two bodies of lower density (2.8 g/cc) located either side of the dense centre body were required. The data were fitted with a single body, however, given the thin shape of the magnetic anomaly, it was assumed that the gravity anomaly would also be thin. A single broad model was tested and it did not fit the data well.

A line of old drillholes (TUN34–TUN38) by CSR Minerals Exploration in 1987 traverse the eastern margin of the gravity and magnetic anomalies and intersected predominantly granitic gneiss. Only drillhole TUN34 intersected minor magnetite (but was north of the magnetic anomaly) and no hole intersected any dense lithologies (Figures 14–15). Drillhole TUN34 also intersected elevated REE which could be indicative of an IOCG target/alteration. No other mineralisation was detected in the other drillholes.

Modelling of the *central subarea* gravity anomaly suggests a shallow source with a density of 3.1 g/cc. This may be indicative of either magnetite-hosted, IOCG alteration or a magnetite-rich formation.

No magnetic or dense units of significance were intersected in previous drillholes by CSR Minerals Exploration at the eastern end of the coincident gravity and magnetic anomalies. It is suspected that the holes were not drilled deep enough or were located too far east to intersect the gravity target. Further drill testing is warranted.

CALCRETE DATA AND INTERPRETATION

A small calcrete sampling program was undertaken predominantly in the eastern subarea with 102 calcrete samples collected and analysed for Au, Ag, Ca, Cu, Ni, Pb, U and Zn. The majority of samples consisted of hard to very hard, massive calcrete with some nodular and soily calcrete with calcium contents ranging from 0.14–25.36% (average 11.8%) reflecting the degree of pedogenic carbonate development. Sample depths ranged from surface samples to 1 m with the majority from 0.25–0.5 m (Figure 18).

Gold values range from 0.5 to 9 ppb (average 3 ppb), Cu from 8–48 ppm (average 17 ppm), and U from 0.18–1.1 ppm (average 0.36 ppm). The slightly anomalous Au samples occur in the *eastern subarea* and as there is no significant gravity anomaly associated with this area, the potential for IOCG systems is considered to be low. These samples occur in an area of transported cover and their effectiveness to represent basement geochemistry is considered to be poor. No other significant geochemical anomalies are evident.

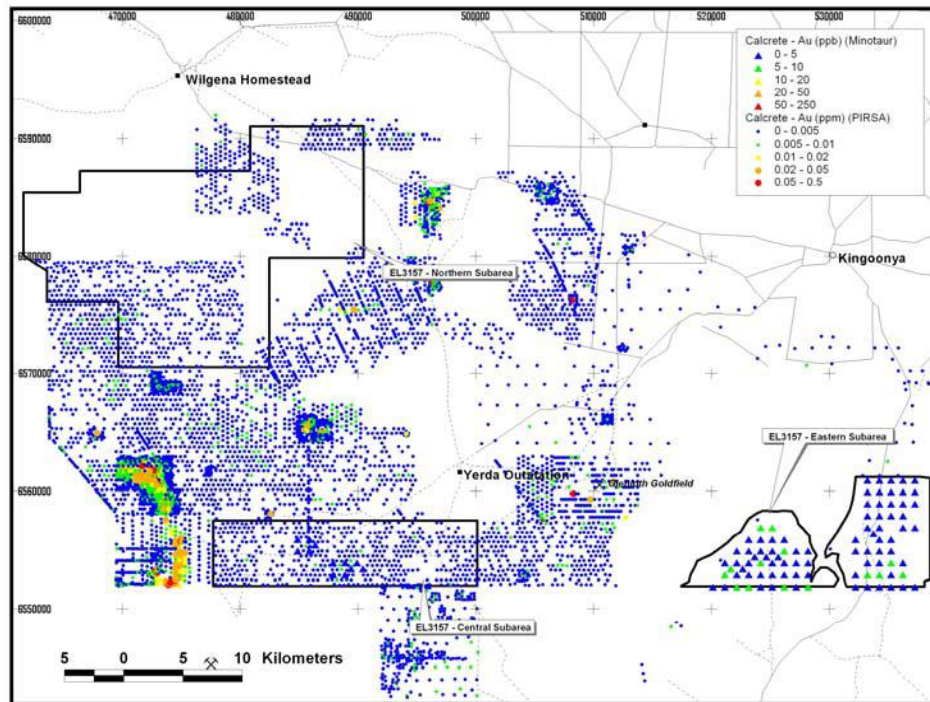


Figure 18: Minotaur calcrete Au samples (triangles) and existing PIRSA database calcrete samples for EL 3157 (Yerda Well).

PALAEOCHANNEL POTENTIAL

During the reporting period, EL3157 (Yerda Well) was reviewed for potential Tertiary palaeochannels as part of Minotaur's divestment of its uranium rights to Toro Energy Ltd, a recently listed uranium exploration company. NOAA thermal and radiometric data were analysed with a palaeochannel and associated tributaries interpreted to transgress the northern and central subareas (Figure 19).

Possible tributary palaeochannels transgress the eastern subarea (Figure 19) with only the western channel showing connectivity to a larger system to the south of the tenement.

The interpreted palaeochannels do not have any associated radiometric anomalism (Figures 19–21). High uranium values displayed by the uranium channel in radiometric imagery are associated with exposed Hiltaba Suite granite, an intrusive suite known to contain elevated levels of uranium.

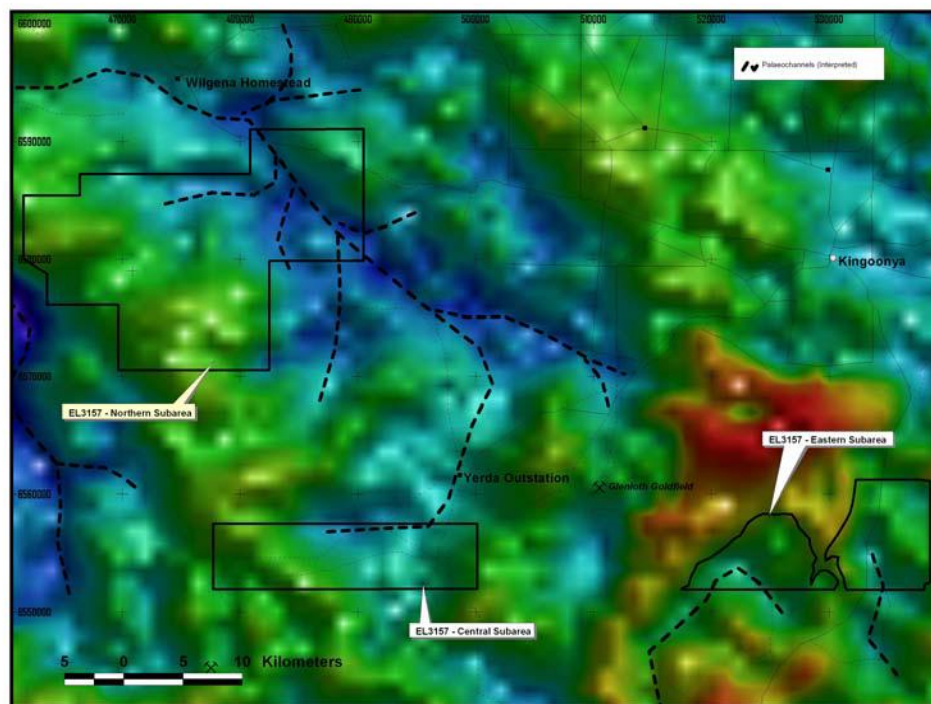


Figure 19: NOAA thermal imagery for EL3157 (Yerda Well) and interpreted palaeochannels

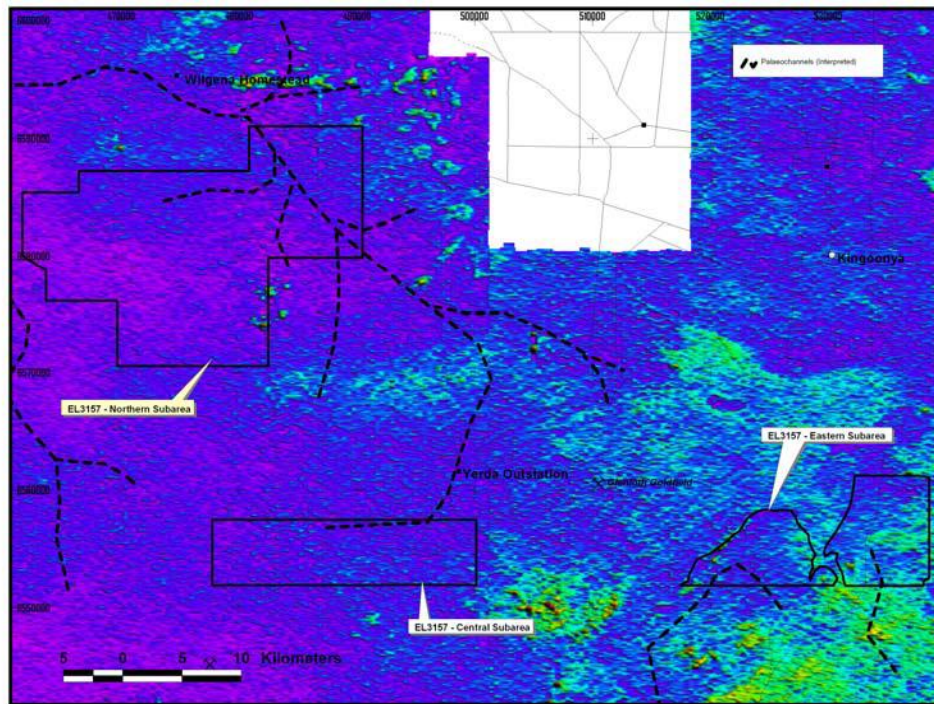


Figure 20: Pseudocolour uranium radiometric image for EL 3157 (Yerda Well) and interpreted palaeochannels (PIRSA data)

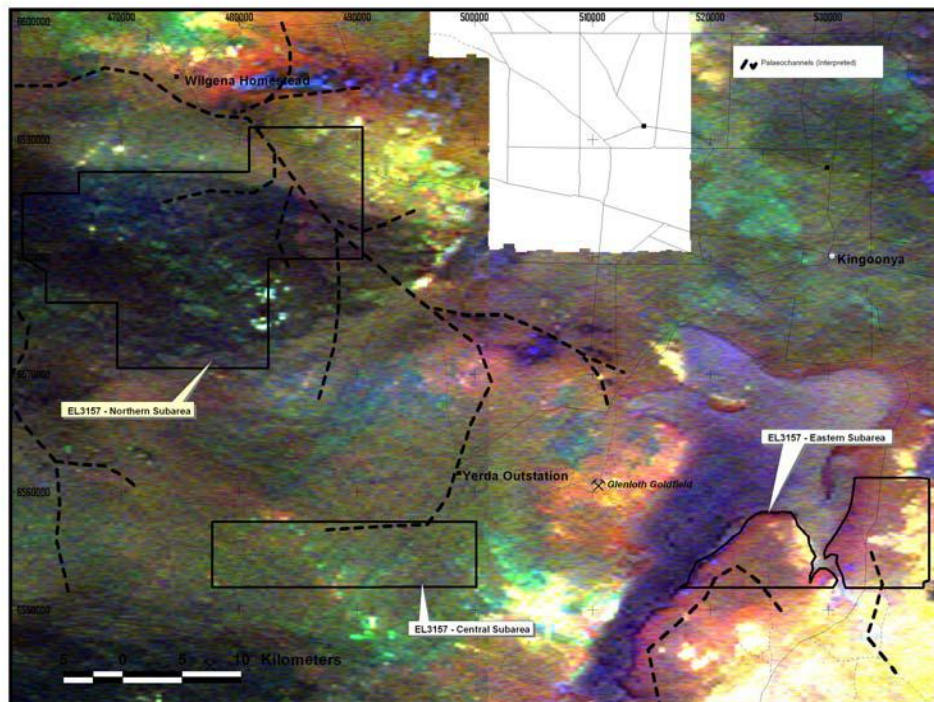


Figure 21: Ternary (K-Th-U) radiometric image for EL 3157 (Yerda Well) and interpreted palaeochannels (PIRSA data)

FUTURE WORK

EL 3157 (Yerda Well) is considered to have low prospectivity for large iron-oxide copper-gold systems, but may be prospective for gold mineralisation. The exact model and style are not fully known, but is expected to be predominantly gold in Au + pyrite quartz veins that are associated within significant sericite and chlorite alteration. Though regional gravity data suggest prospectivity for iron-oxide copper-gold is low, a recent detailed survey has revealed coincident curvilinear gravity and magnetic anomalies just south of the Yerda Shear within the *central subarea* of EL3157 (Yerda Well). Minotaur proposes a follow-up RAB or RC drilling program across these geophysical features to appraise their potential for IOCG style mineralisation.

Minotaur also proposes a calcrete sampling program for Cu and Au in the northern subarea to compliment previous surveys and to provide a comprehensive coverage of the entire tenement.

During the next 12 months, Toro Energy, in association with Minotaur Exploration, will undertake an airborne EM survey over a large portion of the northern subarea as part of a much larger regional survey of the central Gawler Craton. It is hoped that this survey will accurately define the lateral and vertical extents of Tertiary palaeochannels within the tenement and greatly assist exploration for sedimentary uranium mineralisation.

EXPENDITURE

Total expenditure for activities on EL 3157 (Yerda Well) for the year ending 19th January 2006 was \$94,555.28 with details outlined below (Table 1). Total expenditure for the tenement since the licence was granted is \$134,907.74.

Expenditure item	Period ending 19 th July 2005 A\$	Period ending 19 th Jan 2006 A\$	Year Total A\$
Administration Overheads	4,514.38	4,081.55	8,595.93
Application/fees/rental	2,506.14	3,334.98	5,841.12
Assays	1,935.45		1,935.45
Clearance/Native title	67.50		67.50
Communications	170.04		170.04
Computing, maps	251.00	49.50	300.50
Drilling			
Environmental/Rehabilitation			
Field work	4208.21	7,600.21	11,808.42
Geophysics consulting	7,832.00	8,942.00	16,774.00
Hire plant/Equipment			
Legal Expenses		10,356.90	10,356.90
Management overheads			
Petrology			
Postage/Freight			
Salaries, Contractors	24,590.00	9,951.91	34,541.91
Stamp duties			
Vehicle hire and expenses	3,583.48	580.03	4,163.51
TOTAL	\$49,658.20	\$44,897.08	\$94,555.28

Table 1: Summary of exploration expenditure on EL 3157 for the year ending 19th January 2006

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APPENDICES

APPENDIX A:

(Digital data only)

Gravity stations and data collected by Haines Surveys for Minotaur Exploration during August and October 2005 and extracted from their report titled “West Gawler gravity surveys for Minotaur Exploration, Job 0543”

APPENDIX B:

(Hard copy and digital data)

Analytical results for calcrete sampling program

H1000	Pt#	Line	Stn	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	Mga94(zone53)e	Mga94(zone53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	Etc	Drift	Corr_meter	Dg	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom	
D		4310	0	4310	10/02/2005	275	12:38:19	-31 07 59.87732	134 52 24.41188	177.522	487935.388	6555618.119	179.987	310217	5004.615	0.054	0.085	0	5004.615	0	979342.877	-70.706	55.544	-20.14	-35.303
D		4310	0	4310	10/02/2005	275	12:41:19	-31 07 59.87732	134 52 24.41188	177.522	487935.388	6555618.119	179.987	310217	5004.615	0.085	0.084	0	5004.615	0	979342.877	-70.706	55.544	-20.14	-35.303
D		4310	0	4310	10/02/2005	275	16:34:04	-31 07 59.87732	134 52 24.41188	177.522	487935.388	6555618.119	179.987	310217	5004.645	0.085	-0.067	-0.03	5004.615	0	979342.877	-70.706	55.544	-20.14	-35.303
D		4310	0	4310	10/02/2005	275	16:37:41	-31 07 59.87732	134 52 24.41188	177.522	487935.388	6555618.119	179.987	310217	5004.635	0.084	-0.068	0.01	5004.645	0	979342.877	-70.706	55.544	-20.14	-35.303
D		89205500	8920	5500	10/02/2005	275	15:44:33	-31 08 19.90572	134 53 12.15322	178.092	489200.277	6555002.904	180.526	310217	5003.5	0.091	-0.038	-0.024	5003.476	1.139	979341.738	-72.29	55.71	-20.201	-36.78
D		89205540	8920	5540	10/02/2005	275	15:50:56	-31 08 07.01629	134 53 12.17042	174.85	489200.327	6555399.712	177.277	310217	5004.28	0.072	-0.042	-0.024	5004.256	0.359	979342.518	-71.224	54.708	-19.837	-36.353
D		89205580	8920	5580	10/02/2005	275	15:56:14	-31 07 53.93743	134 53 12.14712	171.857	489199.298	6555802.349	174.276	310217	5005.095	0.099	-0.045	-0.025	5005.07	-0.455	979343.332	-70.119	53.782	-19.501	-35.839
D		89205620	8920	5620	10/02/2005	275	16:01:08	-31 07 40.99967	134 53 12.07122	170.23	489196.881	6556200.641	172.642	310217	5006.025	0.061	-0.048	-0.026	5005.999	-1.384	979344.261	-68.903	53.277	-19.319	-34.944
D		89205660	8920	5660	10/02/2005	275	16:06:24	-31 07 28.02129	134 53 12.24839	169.51	489201.165	6556600.19	171.915	310217	5006.35	0.071	-0.052	-0.026	5006.324	-1.709	979344.586	-68.29	53.053	-19.237	-34.474
D		89205700	8920	5700	10/02/2005	275	16:11:51	-31 07 15.08426	134 53 12.21174	167.796	489199.787	6556998.461	170.193	310217	5006.78	0.069	-0.055	-0.027	5006.753	-2.138	979345.015	-67.574	52.522	-19.045	-34.096
D		89205740	8920	5740	10/02/2005	275	16:17:04	-31 07 01.88571	134 53 12.09585	166.237	489196.302	6557404.779	168.626	310217	5007.2	0.079	-0.058	-0.028	5007.172	-2.557	979345.434	-66.862	52.038	-18.869	-33.693
D		89605500	8960	5500	10/02/2005	275	15:35:14	-31 08 20.07929	134 53 27.29846	178.992	489601.326	6554997.963	181.413	310217	5003.205	0.071	-0.032	-0.022	5003.183	1.432	979341.445	-72.587	55.984	-20.3	-36.903
D		89605540	8960	5540	10/02/2005	275	15:30:45	-31 08 07.05876	134 53 27.22870	172.884	489599.084	6555398.804	175.298	310217	5004.64	0.09	-0.029	-0.022	5004.618	-0.003	979342.88	-70.863	54.097	-19.616	-36.381
D		89605580	8960	5580	10/02/2005	275	15:23:57	-31 07 54.04884	134 53 27.20863	170.423	489598.159	6555799.319	172.829	310217	5005.405	0.082	-0.024	-0.021	5005.384	-0.769	979343.646	-69.808	53.335	-19.34	-35.812
D		89605620	8960	5620	10/02/2005	275	15:18:14	-31 07 40.98612	134 53 27.21496	168.623	489597.93	6556201.461	171.022	310217	5005.625	0.095	-0.019	-0.02	5005.605	-0.99	979343.867	-69.297	52.777	-19.137	-35.657
D		89605660	8960	5660	10/02/2005	275	15:13:33	-31 07 28.07554	134 53 27.29002	167.586	489599.527	6556598.92	169.927	310217	5005.73	0.064	-0.016	-0.02	5005.71	-1.095	979343.972	-68.905	52.455	-19.02	-35.471
D		89605700	8960	5700	10/02/2005	275	15:08:48	-31 07 15.12265	134 53 27.29298	166.597	489599.213	6556997.679	168.981	310217	5006.205	0.083	-0.012	-0.019	5006.186	-1.571	979344.448	-68.141	52.148	-18.909	-34.903
D		89605740	8960	5740	10/02/2005	275	15:02:58	-31 07 02.20576	134 53 27.32279	165.224	489599.611	6557395.331	167.6	310217	5006.7	0.112	-0.008	-0.018	5006.682	-2.067	979344.944	-67.359	51.721	-18.754	-34.392
D		90005500	9000	5500	10/02/2005	275	13:33:27	-31 08 20.03662	134 53 42.37979	175.592	490000.677	6554999.663	177.999	310217	5003.68	0.076	0.058	-0.007	5003.673	0.942	979341.935	-72.096	54.93	-19.918	-37.083
D		90005540	9000	5540	10/02/2005	275	13:43:21	-31 08 07.03388	134 53 42.37331	172.3	490000.126	6555399.957	174.701	310217	5004.36	0.083	0.052	-0.008	5004.352	0.263	979342.614	-71.128	53.913	-19.549	-36.764
D		90005580	9000	5580	10/02/2005	275	13:48:27	-31 07 53.90112	134 53 42.43718	169.317	490001.435	6555804.256	171.71	310217	5005.225	0.105	0.048	-0.009	5005.216	-0.601	979343.478	-69.972	52.99	-19.214	-36.197
D		90005620	9000	5620	10/02/2005	275	13:52:38	-31 07 41.04047	134 53 42.37077	167.221	489999.301	6556200.175	169.607	310217	5005.46	0.091	0.046	-0.009	5005.451	-0.836	979343.713	-69.452	52.341	-18.979	-36.09
D		90005660	9000	5660	10/02/2005	275	13:56:28	-31 07 28.07898	134 53 42.42329	165.967	490000.314	6556599.201	168.345	310217	5005.67	0.077	0.043	-0.01	5005.66	-1.045	979343.922	-68.955	51.951	-18.838	-35.842
D		90005700	9000	5700	10/02/2005	275	14:01:03	-31 07 15.08064	134 53 42.38003	164.93	489998.79	6556999.358	167.301	310217	5005.84	0.104	0.039	-0.01	5005.83	-1.215	979344.092	-68.496	51.629	-18.721	-35.588
D		90005740	9000	5740	10/02/2005	275	14:08:47	-31 07 02.13441	134 53 42.55120	163.922	490002.947	6557397.917	166.285	310217	5006.245	0.071	0.034	-0.011	5006.234	-1.619	979344.496	-67.805	51.316	-18.607	-35.097
D		4310	0	4310	10/02/2005	275	12:44:15	-31 07 59.87732	134 52 24.41187	177.521	487935.388	6555618.119	179.986	908475	4109.743	0.063	0.083	0	4109.743	0	979342.877	-70.706	55.544	-20.14	-35.303
D		4310	0	4310	10/02/2005	275	12:47:33	-31 07 59.87732	134 52 24.41187	177.521	487935.388	6555618.119	179.986	908475	4109.737	0.084	0.082	0.006	4109.743	0	979342.877	-70.706	55.544	-20.14	-35.303
D		4310	0	4310	10/02/2005	275	16:40:13	-31 07 59.87732	134 52 24.41187	177.521	487935.388	6555618.119	179.986	908475	4109.671	0.085	-0.069	0.066	4109.737	0	979342.877	-70.706	55.544	-20.14	-35.303
D		4310	0	4310	10/02/2005	275	16:45:58	-31 07 59.87732	134 52 24.41187	177.521	487935.388	6555618.119	179.986	908475	4109.679	0.067	-0.071	-0.008	4109.671	0	979342.877	-70.706	55.544	-20.14	-35.303
D		86005500	8600	5500	10/02/2005	275	13:26:40	-31 08 19.66392	134 51 11.16541	195.023	485996.525	6555006.587	197.567	908475	4106.757	0.056	0.062	0.011	4106.768	2.969	979339.908	-74.115	60.969	-22.108	-35.253
D		86005540	8600	5540	10/02/2005	275	13:31:39	-31 08 06.88898	134 51 11.37271	195.084	486001.493	6555399.876	197.621	908475	4107.229	0.066	0.059	0.013	4107.242	2.495	979340.382	-73.357	60.986	-22.114	-34.485
D		86005580	8600	5580	10/02/2005	275	13:37:42	-31 07 53.97427	134 51 11.26923	190.872	485998.226	6555797.457	193.401	908475	4107.68	0.095	0.055	0.014	4107.694	2.043	979340.834	-72.618	59.684	-21.642	-34.576
D		86005620	8600	5620	10/02/2005	275	13:43:31	-31 07 40.95576	134 51 11.36890	188.567	486000.334	6556198.241	191.088	908475	4108.332	0.069	0.052	0.016	4108.348	1.389	979341.488	-71.675	58.97	-21.383	-34.088
D		86005660	8600	5660	10/02/2005	275	13:48:06	-31 07 27.90337	134 51 11.34749	184.627	485999.235	6556600.064	187.14	908475	4109.689	0.061	0.049	0.017	4109.706	0.031	979342.846	-70.027	57.751	-20.941	-33.217
D		86005700	8600	5700	10/02/2005	275	13:52:41	-31 07 14.89365	134 51 11.52296	181.057	486003.352	6557000.579	183.562	908475	4110.8	0.056	0.045	0.018	4110.818	-1.081	979343.958	-68.626	56.647	-20.541	-32.52
D		86005740	8600	5740	10/02/2005	275	13:57:08	-31 07 02.06112	134 51 11.48894	177.613	486001.927	6557395.632	180.11	908475	4112.697	0.059	0.042	0.02	4112.717	-2.98	979345.857	-66.442	55.582	-20.154	-31.015
D		86405500	8640	5500	10/02/2005	275	14:57:33	-31 08 19.98076	134 51 26.38696	189.946	486399.603	6554997.359	192.477	908475	4107.492	0.084	-0.003	0.037	4107.529	2.208	979340.669	-73.361	59.398	-21.538	-35.5
D		86405540	8640	5540	10/02/2005	275	14:53:21	-31 08 07.07666	134 51 26.52232	190.12	486402.676	6555394.622	192.643	908475	4107.68	0.065	0	0.036	4107.716	2.021	979340.856	-72.887	59.45	-21.557	-34.994
D		86405580	8640	5580	10/02/2005	275	14:49:32	-31 07 53.97681	134 51 26.41966	186.979	486399.438	6555797.904	189.493	908475	4108.443	0.089	0.003	0.035	4108.478	1.259	979341.618	-71.834	58.478	-21.204	-34.561
D		86405620	8640	5620	10/02/2005	275	14:45:34	-31 07 41.06288	134 51 26.36191	188.889	486397.397	6556195.462	191.396	908475	4108.356	0.07	0.006	0.033	4108.389	1.348					

H1000	Pt#	Line	Stn	Date	Day	Time	Gda94_lat	Gda94_long	Gda94_ht	Mga94(zone53)e	Mga94(zone53)n	Ahd_ht	Meter_ser_no	Meter_rdg	Meter_error	Etc	Drift	Corr_meter	Dg	Obs_g	Anom	Freeair	Bouguer(2.67)	Bouguer_anom
D	87605740	8760	5740	10/03/2005	276	9:48:30	-31 07 02.09524	134 52 11.74506	170.802	487597.866	6557396.574	173.244	908475	4113.325	0.068	0.05	0.007	4113.332	-3.592	979346.469	-65.831	53.463	-19.386	-31.754
D	88405700	8840	5700	10/03/2005	276	11:40:09	-31 07 15.13469	134 52 42.03632	170.817	488400.597	6556996.061	173.241	908475	4113.032	0.048	0.112	0.024	4113.056	-3.316	979346.193	-66.397	53.462	-19.386	-32.32
D	88405740	8840	5740	10/03/2005	276	11:36:15	-31 07 02.16080	134 52 41.96712	168.409	488398.326	6557395.465	170.825	908475	4112.842	0.046	0.112	0.024	4112.866	-3.126	979346.003	-66.299	52.717	-19.115	-32.697
D	88005500	8800	5500	10/03/2005	276	11:03:02	-31 08 19.71988	134 52 26.62719	182.891	487994.747	6555007.324	185.366	908475	4108.443	0.082	0.099	0.019	4108.443	1.297	979341.58	-72.444	57.204	-20.742	-35.982
D	88005540	8800	5540	10/03/2005	276	10:58:31	-31 08 06.99739	134 52 26.72978	178.276	487997.019	6555398.994	180.743	908475	4109.392	0.086	0.097	0.018	4109.41	0.33	979342.547	-71.194	55.777	-20.225	-35.642
D	88005580	8800	5580	10/03/2005	276	10:53:48	-31 07 53.94654	134 52 26.93568	176.445	488002.015	6555800.777	178.905	908475	4110.32	0.111	0.095	0.017	4110.337	-0.597	979343.474	-69.977	55.21	-20.019	-34.787
D	88005600	8800	5600	10/03/2005	276	10:50:02	-31 07 47.30389	134 52 26.90025	175.57	488000.844	6556005.273	178.025	908475	4110.873	0.072	0.093	0.017	4110.89	-1.15	979344.027	-69.277	54.939	-19.921	-34.259
D	88005620	8800	5620	10/03/2005	276	10:46:18	-31 07 41.06599	134 52 26.85578	174.957	487999.449	6556197.307	177.409	908475	4111.436	0.055	0.091	0.016	4111.452	-1.712	979344.589	-68.576	54.748	-19.852	-33.68
D	88005660	8800	5660	10/03/2005	276	10:42:04	-31 07 28.00218	134 52 26.91961	173.198	488000.682	6556599.484	175.642	908475	4112.288	0.082	0.088	0.016	4112.304	-2.564	979345.441	-67.434	54.203	-19.654	-32.886
D	88005700	8800	5700	10/03/2005	276	10:38:12	-31 07 14.88701	134 52 26.86649	171.195	487998.817	6557003.238	173.632	908475	4114.176	0.095	0.086	0.015	4114.191	-4.451	979347.328	-65.256	53.583	-19.429	-31.103
D	88005740	8800	5740	10/03/2005	276	10:33:34	-31 07 01.97620	134 52 26.85552	169.508	487998.075	6557400.701	171.937	908475	4113.208	0.108	0.083	0.014	4113.222	-3.482	979346.359	-65.939	53.06	-19.24	-32.118
D	47005710	4700	5710	21/08/2005	233	15:31:45	-30 59 39.09779	134 41 08.88229	139.422	470002.736	6570999.18	142.272	610360	4934.35	0.083	0.034	0.057	4934.407	10.108	979340.285	-62.191	43.905	-15.92	-34.206
D	47005720	4700	5720	21/08/2005	233	15:20:18	-30 59 06.56547	134 41 08.80438	138.71	469997.842	6572000.68	141.543	610360	4932.855	0.059	0.042	0.056	4932.911	11.604	979338.789	-62.967	43.68	-15.839	-35.125
D	47005730	4700	5730	21/08/2005	233	15:10:24	-30 58 34.38290	134 41 08.96660	138.208	469999.348	6572991.428	141.023	610360	4931.025	0.085	0.048	0.054	4931.079	13.436	979336.957	-64.086	43.52	-15.78	-36.347
D	47005740	4700	5740	21/08/2005	233	15:00:20	-30 58 01.90971	134 41 09.16163	137.697	470001.701	6573991.125	140.495	610360	4929.73	0.082	0.053	0.053	4929.783	14.732	979335.661	-64.663	43.357	-15.721	-37.028
D	47005750	4700	5750	21/08/2005	233	14:49:59	-30 57 29.44184	134 41 09.22365	142.466	470000.527	6574990.626	145.248	610360	4926.425	0.06	0.058	0.051	4926.476	18.039	979332.354	-67.251	44.824	-16.253	-38.681
D	47805710	4780	5710	21/08/2005	233	16:17:06	-30 59 40.24772	134 46 10.16005	172.142	477992.726	6570983.338	174.684	310217	4985.17	0.07	0.001	0.045	4985.215	17.39	979333.003	-69.499	53.907	-19.547	-35.138
D	47805720	4780	5720	21/08/2005	233	16:09:58	-30 59 07.03868	134 46 10.48057	179.334	477999.109	6572005.69	181.86	310217	4982.3	0.068	0.006	0.045	4982.345	20.26	979330.133	-71.633	56.122	-20.35	-35.861
D	47805730	4780	5730	21/08/2005	233	15:58:44	-30 58 34.52268	134 46 10.35848	174.507	477993.798	6573006.681	177.018	310217	4979.97	0.066	0.015	0.043	4980.013	22.592	979327.801	-73.245	54.628	-19.808	-38.426
D	47805740	4780	5740	21/08/2005	233	15:49:43	-30 58 01.91075	134 46 10.49450	179.263	477995.328	6574010.639	181.759	310217	4977.575	0.077	0.021	0.042	4977.617	24.988	979325.405	-74.919	56.091	-20.339	-39.167
D	47805750	4780	5750	21/08/2005	233	15:37:52	-30 57 29.66243	134 46 10.72127	184.918	477999.291	6575003.406	187.4	310217	4975.915	0.068	0.03	0.041	4975.956	26.649	979323.744	-75.866	57.832	-20.97	-39.005
D	47805760	4780	5760	21/08/2005	233	15:29:17	-30 56 57.35996	134 46 10.64822	190.093	477995.296	6575997.822	192.562	310217	4972.96	0.081	0.036	0.04	4973	29.605	979320.788	-78.107	59.425	-21.548	-40.23
D	47805770	4780	5770	21/08/2005	233	15:15:33	-30 56 24.52305	134 46 10.50916	181.515	477989.516	6577008.686	183.971	310217	4973.32	0.098	0.045	0.039	4973.359	29.246	979321.147	-77.022	56.773	-20.586	-40.834
D	47805780	4780	5780	21/08/2005	233	15:04:34	-30 55 52.17274	134 46 10.60025	177.265	477989.874	6578004.581	179.707	310217	4972.66	0.078	0.051	0.038	4972.698	29.907	979320.486	-76.967	55.458	-20.109	-41.619
D	47805790	4780	5790	21/08/2005	233	14:53:20	-30 55 19.70562	134 46 10.83343	175.184	477993.998	6579004.079	177.61	310217	4971.755	0.087	0.057	0.037	4971.792	30.813	979319.58	-77.155	54.81	-19.875	-42.219
D	47805800	4780	5800	21/08/2005	233	14:43:41	-30 54 47.48349	134 46 11.03779	172.493	477997.373	6579996.031	174.903	310217	4970.99	0.059	0.061	0.036	4971.026	31.579	979318.814	-77.208	53.975	-19.572	-42.804
D	47805810	4780	5810	21/08/2005	233	14:32:37	-30 54 14.83768	134 46 11.30024	173.643	478002.265	6581001.029	176.038	310217	4969.75	0.077	0.067	0.035	4969.785	32.82	979317.573	-77.727	54.325	-19.699	-43.1
D	47805820	4780	5820	21/08/2005	233	14:23:26	-30 53 42.63746	134 46 10.72209	163.464	477984.871	6581992.261	165.842	310217	4970.54	0.084	0.07	0.034	4970.574	32.031	979318.362	-76.226	51.179	-18.558	-43.605
D	47805830	4780	5830	21/08/2005	233	14:13:08	-30 53 09.93792	134 46 11.51560	157.601	478003.861	6582998.939	159.959	310217	4970.6	0.078	0.073	0.033	4970.633	31.972	979318.421	-75.444	49.363	-17.899	-43.98
D	47805840	4780	5840	21/08/2005	233	14:02:23	-30 52 37.58869	134 46 11.44291	152.367	477999.878	6583994.784	154.706	310217	4970.08	0.055	0.075	0.031	4970.111	32.494	979317.899	-75.251	47.742	-17.312	-44.82
D	47805850	4780	5850	21/08/2005	233	13:51:41	-30 52 05.20158	134 46 11.22253	144.903	477991.971	6584991.785	147.224	310217	4971.045	0.057	0.077	0.03	4971.075	31.53	979318.863	-73.571	45.433	-16.474	-44.612
D	47805860	4780	5860	21/08/2005	233	13:40:48	-30 51 32.34047	134 46 11.85644	141.763	478006.721	6586003.423	144.062	310217	4970.11	0.086	0.078	0.029	4970.139	32.466	979317.927	-73.781	44.458	-16.12	-45.444
D	47805870	4780	5870	21/08/2005	233	13:30:23	-30 51 00.12044	134 46 11.54373	136.961	477996.373	6586995.273	139.239	310217	4969.59	0.092	0.079	0.028	4969.618	32.987	979317.406	-73.59	42.969	-15.581	-46.202
D	48205710	4820	5710	21/08/2005	233	10:10:40	-30 59 40.12336	134 48 41.53333	190.132	482007.131	6570994.725	192.526	310217	4983.09	0.064	-0.03	0.008	4983.098	19.507	979330.886	-71.613	59.414	-21.544	-33.743
D	48205720	4820	5720	21/08/2005	233	10:24:57	-30 59 07.77644	134 48 41.15689	185.801	481995.461	6571990.501	188.181	310217	4982.015	0.075	-0.019	0.009	4982.024	20.581	979329.812	-71.971	58.073	-21.057	-34.955
D	48205730	4820	5730	21/08/2005	233	10:33:17	-30 58 35.11580	134 48 41.19989	208.666	481994.898	6572995.952	211.031	310217	4973.71	0.076	-0.012	0.01	4973.71	28.895	979321.498	-79.561	65.124	-23.614	-38.052
D	48205740	4820	5740	21/08/2005	233	10:42:39	-30 58 03.01845	134 48 41.46458	225.95	482000.246	6573984.071	228.3	310217	4968.87	0.057	-0.004	0.011	4968.881	33.724	979316.669	-83.68	70.453	-25.547	-38.773
D	48205750	4820	5750	21/08/2005	233	10:57:19	-30 57 30.45461	134 48 41.09624	217.652	481988.777	6574986.522	219.99	310217	4969.11	0.05	0.007	0.012	4969.122	33.483	979316.91	-82.718	67.889	-24.617	-39.446
D	48205760	4820	5760	21/08/2005	233	11:09:04	-30 56 57.20743	134 48 41.40194	214.514	481995.156	6576010.037	216.838	310217	4968.83	0.09	0.016	0.014	4968.844	33.761	979316.632	-82.26	66.916	-24.264	-39.608
D	48205770	4820	5770	21/08/2005	233	11:19:17	-30 56 24.58771	134 48 42.17839	213.289	482014.06	6577014.256	215.6	310217	4967.82	0.066	0.024	0.015	4967.835	34.77	979315.623	-82.547	66.534	-24	

APPENDIX B:

Analytical results for calcrete sampling program

Sample_ID	GDA94_E	GDA94_N	Depth(m)	Type	Au ppb 1 B/MS	Ag ppm 0.01 B/MS	Ca % 0.01 B/OES	Cu ppm 1 B/OES	Ni ppm 1 B/OES	Pb ppm 2 B/OES	U ppm 0.01 B/MS	Zn ppm 1 B/OES
KK-001	525000	6552000	0.25		3	0.020	24.77	23	17	<2	0.41	22
KK-002	524000	6552000	0.25	massive	2	<0.01	25.36	14	14	<2	0.29	20
KK-003	523000	6552000	0.25	massive	8	0.010	22.26	28	15	2	0.36	21
KK-004	522000	6552000	0.25	massive	6	0.010	18.56	19	14	3	0.36	23
KK-005	521000	6552000	1	soily carbonate	3	0.020	16.89	12	11	4	0.41	22
KK-006	520000	6552000	0.25	massive	4	0.020	14.63	30	15	6	0.47	28
KK-011	521000	6553000	0.75	soily carbonate	6	0.010	1.74	19	15	6	0.27	33
KK-012	521000	6554000	0.25	massive	3	0.010	16.82	36	17	7	0.40	29
KK-013	521500	6553500	0.25	massive	6	0.010	18.38	27	14	3	0.40	21
KK-014	522000	6553000	0.25		3	<0.01	15.83	23	14	5	0.24	26
KK-015	522500	6553500	0.25		2	<0.01	20.23	37	16	5	0.25	25
KK-016	523000	6553000	0.5		4	0.020	20.02	16	13	2	0.39	20
KK-017	524000	6553000	0.25		2	0.030	10.90	12	12	4	0.22	25
KK-018	525000	6553000	0.15	massive	5	0.020	21.09	16	14	<2	0.48	20
KK-019	526000	6553000	0.15	nodular	3	0.040	23.96	17	14	3	0.45	22
KK-020	527000	6553000	0.5		3	0.020	13.44	12	13	5	0.27	24
KK-021	528000	6553000	0.25	nodular	<1	0.020	20.48	48	20	6	0.38	28
KK-022	528000	6554000	0.25	massive	5	0.040	7.11	19	17	9	0.62	31
KK-023	528000	6555000	0.15	massive	<1	0.020	10.24	9	7	4	0.58	17
KK-024	527000	6555000	0.5	massive	<1	0.010	8.52	10	10	3	0.61	19
KK-025	526000	6555000	0.25	nodular	8	0.010	22.77	16	14	<2	0.26	21
KK-026	525000	6555000	0.25	nodular	<1	0.030	19.46	18	15	3	0.42	24
KK-027	524500	6554500	0.15	massive	5	0.010	23.64	28	18	3	0.35	21
KK-028	524000	6555000	0.15	massive	2	0.020	20.13	17	14	2	0.37	20
KK-029	523500	6554500	0.15	massive	5	0.070	23.13	17	15	3	0.33	23
KK-030	523000	6555000	0.15	massive	2	0.040	15.61	20	18	6	0.41	24
KK-031	522000	6555000	0.25	massive	5	0.140	16.75	27	15	4	0.32	24

KK-032	522000	6554000	0.25		3.0	0.050	16.21	21	15	5	0.40	29
KK-033	523000	6554000	0.25	nodular	4.0	0.020	23.25	19	15	3	0.30	23
KK-034	524000	6554000	0.25	nodular	7.0	0.020	21.15	27	15	3	0.41	22
KK-035	525000	6554000	0.25	massive	<1	0.020	23.48	13	14	3	0.48	22
KK-036	525500	6554500	0.25	nodular	5.0	0.010	22.07	18	14	3	0.41	23
KK-037	526000	6554000	0.5	soily carbonate	1.0	0.020	7.15	13	12	6	0.23	29
KK-038	527000	6554000	1		1.0	0.020	18.04	10	10	4	0.43	19
KK-039	526000	6556000	0.5		1.0	0.020	5.31	7	8	4	0.41	24
KK-040	525000	6556000	0.25	massive	<1	0.020	13.02	19	15	6	0.37	27
KK-041	525000	6557000	1	massive	7.0	0.020	12.35	15	16	2	0.53	14
KK-042	524000	6557000	1	massive	8.0	0.040	12.06	16	13	3	0.82	14
KK-043	524000	6556000	0.25	massive	1.0	0.030	12.93	17	14	5	0.44	27
KK-044	523000	6556000	0.15	massive	5.0	0.020	15.52	24	16	2	0.42	19
KK-045	526000	6552000	0.25	massive	7.0	0.030	20.01	24	16	3	0.53	24
KK-046	527000	6552000	0.25	massive	3.0	0.040	15.95	34	15	3	0.22	25
KK-047	528000	6552000	0.5	massive	7.0	0.040	19.45	28	16	3	0.51	22
KK-048	534000	6561000	0.5		2.0	0.020	5.74	14	13	6	0.22	28
KK-049	533000	6561000	0.5	soily carbonate	4.0	0.010	2.60	14	13	6	0.21	27
KK-050	533000	6560000	0.5	soily carbonate	4.0	<0.01	2.41	19	16	8	0.33	42
KK-051	534000	6560000	0.5	soily carbonate	4.0	0.040	1.90	17	15	7	0.29	33
KK-052	534000	6559000	1	soily carbonate	<1	0.030	7.98	16	12	5	0.28	23
KK-053	533000	6559000	1	soily carbonate	2.0	0.040	0.95	12	12	6	0.26	30
KK-054	533000	6558000	0.25	massive	5.0	0.010	21.45	20	13	2	0.34	22
KK-055	534000	6558000	0.25	massive	1.0	0.010	0.47	15	16	8	0.32	37
KK-056	535000	6561000	0.25	massive	5.0	0.030	17.33	41	20	3	0.25	25
KK-057	536000	6561000	0.25	massive	3.0	0.080	8.63	24	17	4	0.32	24
KK-058	537000	6561000	0.15	soily carbonate	<1	0.050	0.62	7	10	7	0.25	29
KK-059	537000	6560000	1	soily carbonate	5.0	0.030	1.17	9	12	7	0.23	31
KK-060	536000	6560000	0.5	soily carbonate	3.0	0.030	1.11	8	11	6	0.21	28
KK-061	535000	6560000	0.5	massive	4.0	0.020	9.98	14	13	5	0.22	29
KK-062	535000	6559000	0.5	soily carbonate	2.0	0.020	0.21	10	13	7	0.24	36
KK-063	536000	6559000	0.5	soily carbonate	1.0	0.010	6.16	12	13	5	0.22	27
KK-064	537000	6559000	0.25	soily carbonate	<1	0.020	0.14	10	10	8	0.28	33
KK-065	536000	6558000	0.15	massive	4.0	0.020	19.58	15	13	2	0.58	20
KK-066	535000	6558000	0.15	massive	4.0	<0.01	21.05	29	16	<2	0.23	22

KK-067	532000	6552000	1	soily carbonate	2.0	<0.01	11.59	12	11	7	0.89	25
KK-068	533000	6552000	0.2	massive	4.0	0.010	14.66	30	14	5	0.31	26
KK-069	534000	6552000	0.3	nodular	<1	0.010	2.77	14	14	9	0.30	36
KK-070	535000	6552000	0.4	soily carbonate	<1	<0.01	24.14	14	14	6	0.53	32
KK-071	536000	6552000	0.5	soily carbonate	<1	<0.01	9.09	8	7	14	0.70	23
KK-072	537000	6552000	0.2	nodular	4.0	<0.01	13.87	9	9	6	0.32	21
KK-075	536000	6553000	0.3	nodular	7.0	0.010	15.77	8	9	13	0.44	23
KK-076	535000	6553000	0.6	soily carbonate	5.0	0.080	17.80	8	7	3	0.38	17
KK-077	534000	6553000	0.2	massive	9.0	0.030	18.93	29	12	<2	0.33	17
KK-078	533000	6553000	0.3	massive	7.0	0.020	19.88	23	11	<2	0.37	17
KK-079	532000	6553000	0.8	soily carbonate	1.0	0.010	0.70	8	9	8	0.53	30
KK-082	533000	6554000	0.6	nodular	2.0	0.010	0.92	7	9	6	0.32	28
KK-083	534000	6554000	0.4	nodular	2.0	0.010	2.74	11	13	8	0.27	38
KK-084	535000	6554000	0.3	massive	6.0	0.010	17.33	24	15	<2	0.28	15
KK-085	536000	6554000	0.5	soily carbonate	1.0	<0.01	0.43	9	10	8	0.25	33
KK-091	535000	6555000	0.5	massive	4.0	0.010	2.45	9	11	5	0.43	27
KK-092	534000	6555000	1	soily carbonate	2.0	0.010	1.76	10	7	5	0.28	22
KK-093	533000	6555000	0.3	nodular	4.0	<0.01	0.66	7	8	6	0.25	24
KK-094	532000	6555000	0.5	soily carbonate	<1	0.010	1.95	16	10	5	0.29	25
KK-098	532000	6556000	0.3	soily carbonate	<1	0.010	0.37	8	10	5	0.21	24
KK-100	534000	6556000	0.1	massive	2.0	0.010	24.10	8	8	<2	0.25	13
KK-101	535000	6556000	0.1	nodular	<1	0.020	2.94	4	1	7	1.10	15
KK-106	537000	6557000	0.4	soily carbonate	2.0	0.020	0.76	8	9	7	0.58	28
KK-107	536000	6557000	1	nodular	<1	0.020	18.59	13	8	<2	0.44	17
KK-109	534000	6557000	0.1	massive	<1	<0.01	11.25	11	10	5	0.32	25
KK-110	533000	6557000	1	nodular	4.0	<0.01	21.24	14	11	<2	0.21	14
KK-113	533500	6556500	0.5	massive	<1	0.020	4.40	16	15	7	0.25	38
NW-003	488000	6553000	0	massive	2.0	0.030	13.38	17	12	<2	0.52	15
NW-004	489000	6553000	0	massive	<1	0.040	0.40	10	14	10	0.36	45
NW-028	490500	6553500	1	soily carbonate	1.0	0.030	4.89	10	11	6	0.20	29
NW-029	490000	6554000	1	soily carbonate	2.0	0.020	3.82	13	11	5	0.20	25
NW-030	489500	6553500	0	massive	2.0	0.020	7.68	22	13	4	0.27	21
NW-031	489000	6554000	0	massive	2.0	0.100	0.36	13	20	12	0.34	32
NW-032	488000	6554000	0	massive	<1	0.050	8.45	28	17	6	0.30	21
NW-033	485000	6555000	1	soily carbonate	<1	0.020	5.21	10	12	6	0.18	28

NW-049	485000	6556000	1	soily carbonate	1.0	0.040	4.55	9	13	6	0.21	26
NW-050	486000	6556000	1	soily carbonate	<1	0.070	1.83	14	16	8	0.32	39
NW-051	486500	6555500	1	nodular-massive	1.0	0.040	12.46	11	11	5	0.27	20
NW-083	488000	6554000			1.0	0.040	6.67	29	19	7	0.29	35
NW-084	486000	6555000			4.0	0.030	11.78	21	14	5	0.34	20

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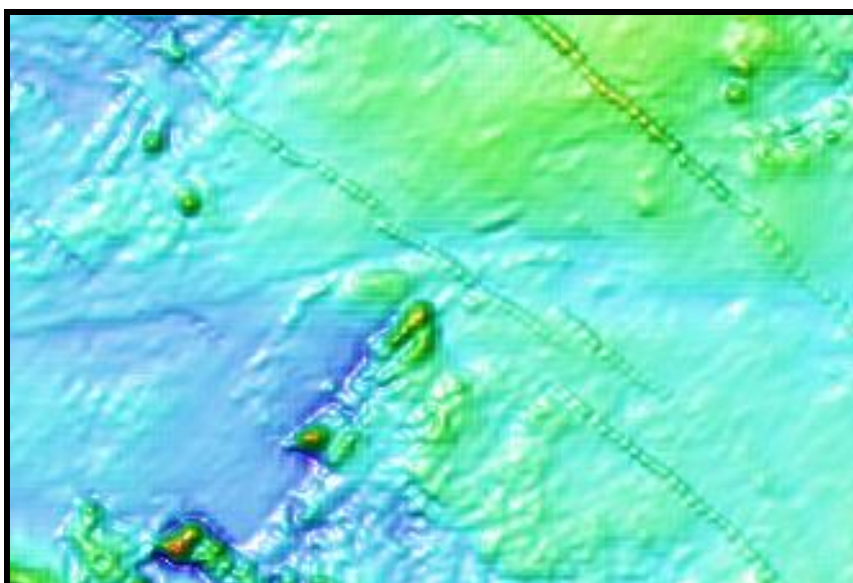


Minotaur Exploration Ltd
247 Greenhill Rd, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8366 6001
Email: admin@minotaurexploration.com.au

ANNUAL TECHNICAL REPORT

**EL 3157 YERDA WELL
SOUTH AUSTRALIA**

FOR YEAR ENDING 19th JANUARY 2007



R.B. Flint and J.M. Murray

Minotaur Exploration Ltd
247 Greenhill Rd, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8366 6001
Email: admin@minotaurexploration.com.au

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EL 3157 YERDA WELL SOUTH AUSTRALIA

FOR YEAR ENDING 19th JANUARY 2007

R.B. Flint
Senior Geologist

J.M. Murray
Geologist

August 2007

SUMMARY

- Processing of a detailed gravity survey delineated coincident gravity and magnetic anomalies possibly indicative of IOCG-style mineralisation in the central subarea of EL 3157. Historical drillholes in the vicinity did not adequately explain the geophysical features.
- Seven aircore holes were drilled over the coincident geophysical features in the central subarea, terminating in various felsic granitoids. No geochemically anomalous assays were reported.
- An airborne EM survey covered part of EL 3157 in order to delineate palaeochannels and potential sedimentary uranium mineralisation as well as late-time basement conductors. No palaeochannels were defined on EL 3157.
- Three rock samples were collected from epithermal quartz veins (within the Yerda Shear Zone) which cut Gawler Range Volcanics north of Kokatha Homestead. One sample contained elevated Au of 0.25 ppm and further soil and rock sampling is warranted.

MAP REFERENCE: 1:250 000: TARCOOLA (SH 53-10), CHILDARA (SH 53-14) and
GAIRDNER (SH 53-15)
MAP REFERENCE: 1:100 000: Meelera (5835), Tarcoola (5836) and Kokatha (5935)
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1.0 INTRODUCTION

EL 3157 (Yerda Well) is situated south and west of Kingoonya on the central portion of the Gawler Craton, central South Australia. The tenement covers 620 km² and was acquired by Minex (SA) Pty Ltd (now Minotaur Operations Pty Ltd) on 20th January 2004 to explore for Fe-oxide Cu-Au deposits with Minotaur Resources Pty Ltd (now Minotaur Exploration Pty Ltd) as operator (Figure 1).

This report represents the third annual technical report for EL 3157 and follows earlier reports by Flint and Hart (2005) and Flint, Burt and Thompson (2006). During the past 12 months, exploration activities included:

- Merging, processing and modelling of gravity data collected in 2005,
- Drilling of seven aircore holes over coincident gravity and magnetic anomalies,
- Data acquisition, processing and interpretation of regional airborne EM survey data,
- Geochemical analysis of 3 rock specimens from the Yerda Shear Zone.

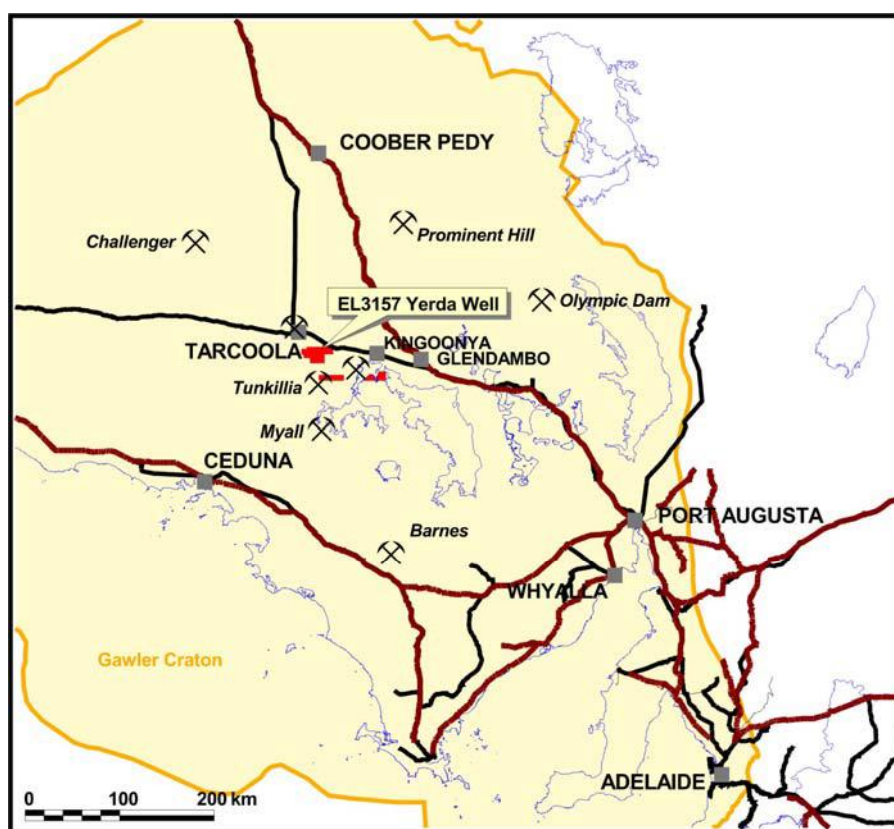


Figure 1: Location plan for EL 3157 (Yerda Well), South Australia

The licence area comprises three subareas (Figure 2):

- The *eastern subarea* is north of Kokatha Homestead, bordered by Lake Harris and encompasses part of the westernmost Gawler Ranges,
- The *central subarea* is south of Yerda Outstation with very limited basement exposure,
- The *northern subarea* south of Wilgena Homestead and the transcontinental railway is predominantly covered with sand dunes and spreads although numerous isolated basement exposures are present.

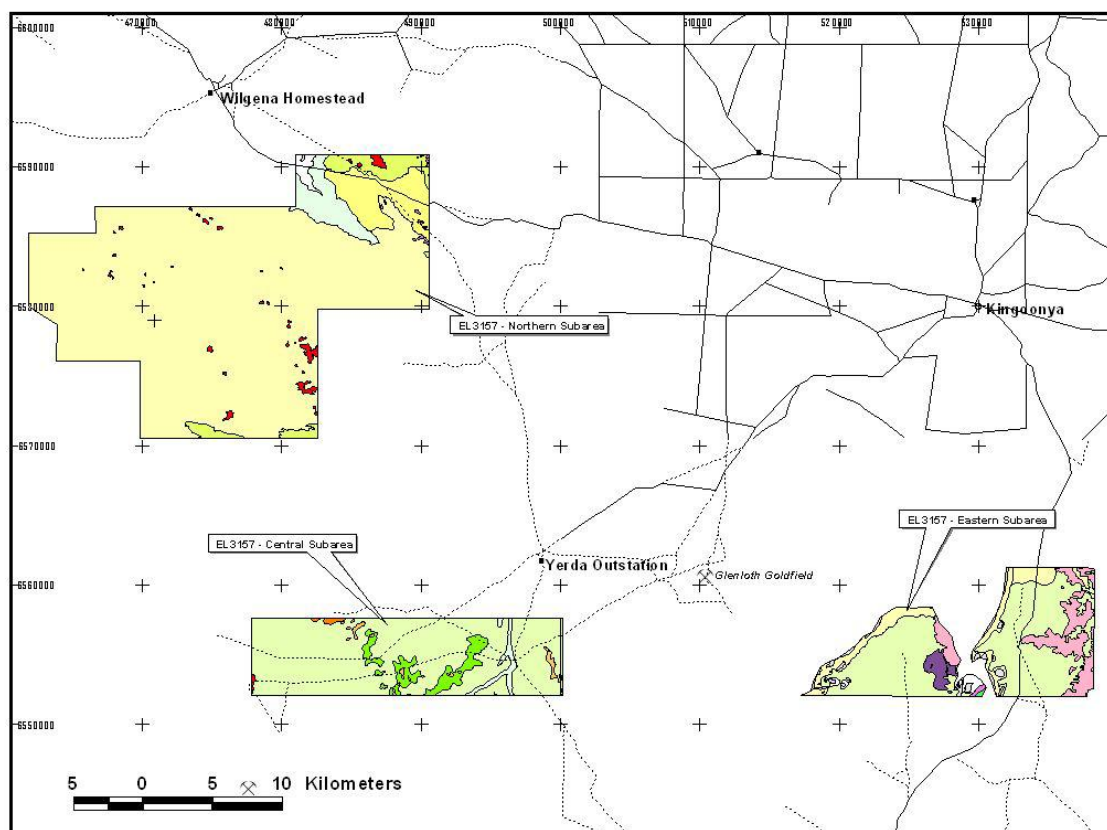


Figure 2: Outcrop geology of EL3157 (Yerda Well) (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991).

2.0 REGIONAL GEOLOGY

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, various volcanosedimentary sequences, including the Wilgena Hill Jaspilite, Eba Formation, Labyrinth Formation and Tarcoola Formation were deposited within localised basins that were variously deformed during late stages of the Kimban and Kararan Orogenies. Associated plutonism includes the Muckanippie Anorthosite and granitoids of the Tunkillia Suite and St Peter Suite. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and north-trending Yarlbirinda Shear Zone that are up to several kilometres wide with ductile shearing and deformation occurring before ~1600 Ma (Daly et al., 1998; McLean and Betts, 2003) (Figures 3–5).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu-Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralisation at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993) (Figure 3). Displacements along NE-trending faults (e.g. Bulgunnia Fault), NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.

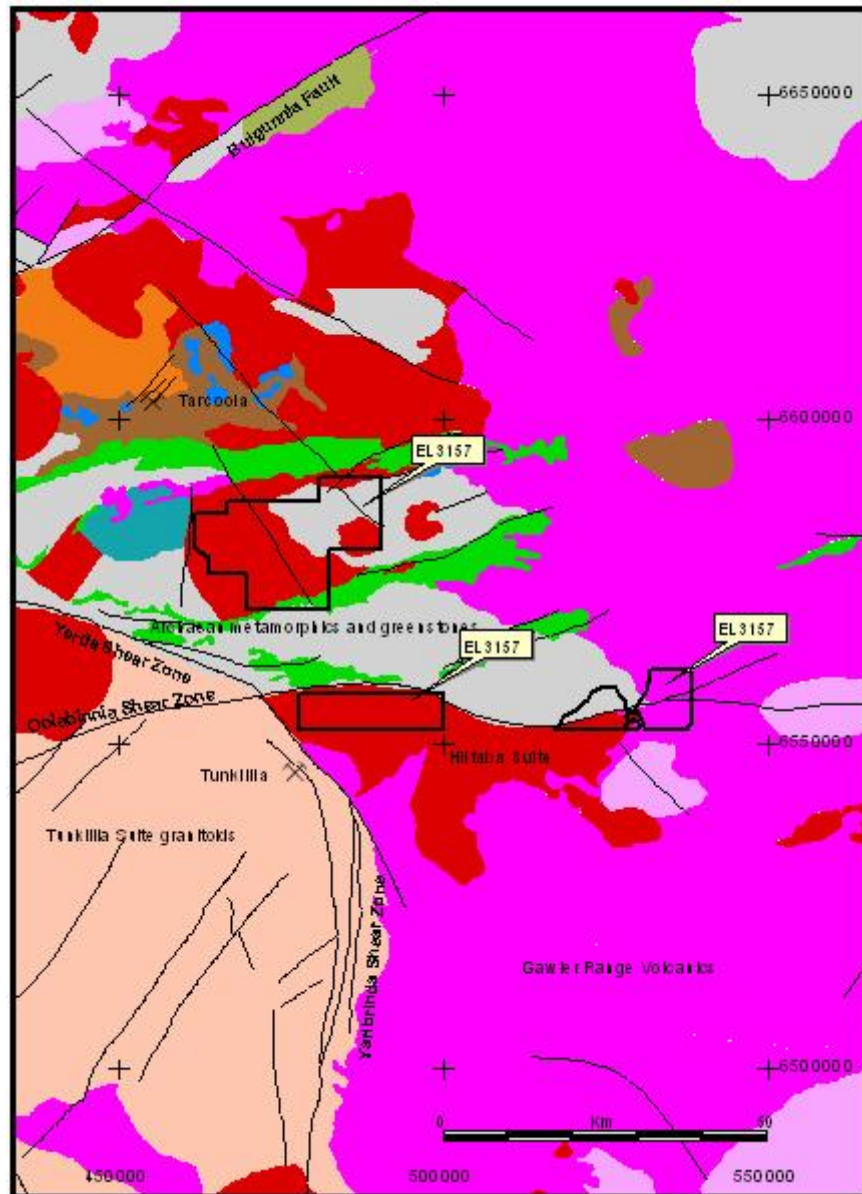


Figure 3: Regional tectonic sketch for the central Gawler Craton (Fairclough et al., 2003)

3.0 REGIONAL MINERALISATION

No significant mineral prospects or mines are known within EL 3157 (Yerda Well) but mineralisation, predominantly tin and gold, are present at various localities regionally.

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

The Tarcoola Goldfield yielded 2.387 t of Au at an average grade of 37.5 g/t during the period 1901–1986. Production was from quartz reefs within Palaeoproterozoic Tarcoola Formation siltstone and quartzite and to a much lesser extent within nearby Hiltaba Suite granite (Daly et al., 1990; Daly in Flint, 1993).

The Glenloth Goldfield was worked 1893–1901 and again during the 1930's for a total recorded production of 315.4 kg from 14,620 t of ore yielding an average grade of 21.6 g/t Au (Daly in Flint, 1993). Auriferous quartz veins and vein sets up to 1 m wide occur within sheared Archaean Glenloth Granite and Kenella Gneiss (Mulgathing Complex) and are believed to have been derived from a shallow concealed Hiltaba Suite granite batholith (Blissett, 1985).

A resource, prepared in accordance with the JORC code, for the Tunkillia Prospect in the northern Yarlbirinda Shear Zone has been delineated as 5.7 Mt at 1.3 g/t Au for 230 000 oz of contained gold in an oxide resource and another 8.6 Mt at 2.1 g/t Au for 570 000 oz of contained gold in a primary resource. The primary gold resource also contains 8.6 Mt at 5.7 g/t Ag for 1 600 000 oz of contained silver (Ferris and Wilson, 2004; Minotaur Exploration ASX Release, 2007). Host rocks are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite, with mineralisation most likely related to fluids emanating from a Hiltaba Suite granite and preferentially focused along the Yarlbirinda Shear Zone.

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

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

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

Total production for the Earea Dam Goldfield (east of the northern subarea of EL 3157) is estimated at ~59.2 kg of Au from hand-picked ore at an average grade of 35.3 g/t Au (Fradd, 1988). Anomalous tin and silver occur with the gold with selected samples ranging up to 9.5% Sn. Tin mineralisation within greissen veins also occurs at Warna Rockhole and South Lake prospects southeast of Wilgena Homestead. At South Lake, cassiterite and associated anomalous Mo, Cu and Zn occur in quartz vein sets, up to 1 m wide, which crosscut the foliation in the Archaean Kenella Gneiss. At Warna Rockhole, quartz-veined Hiltaba Suite granite contains erratic tin values up to 3,200 ppm implying Au- and Sn-bearing hydrothermal fluids were synchronous with Hiltaba Suite plutonism (Daly in Flint, 1993).

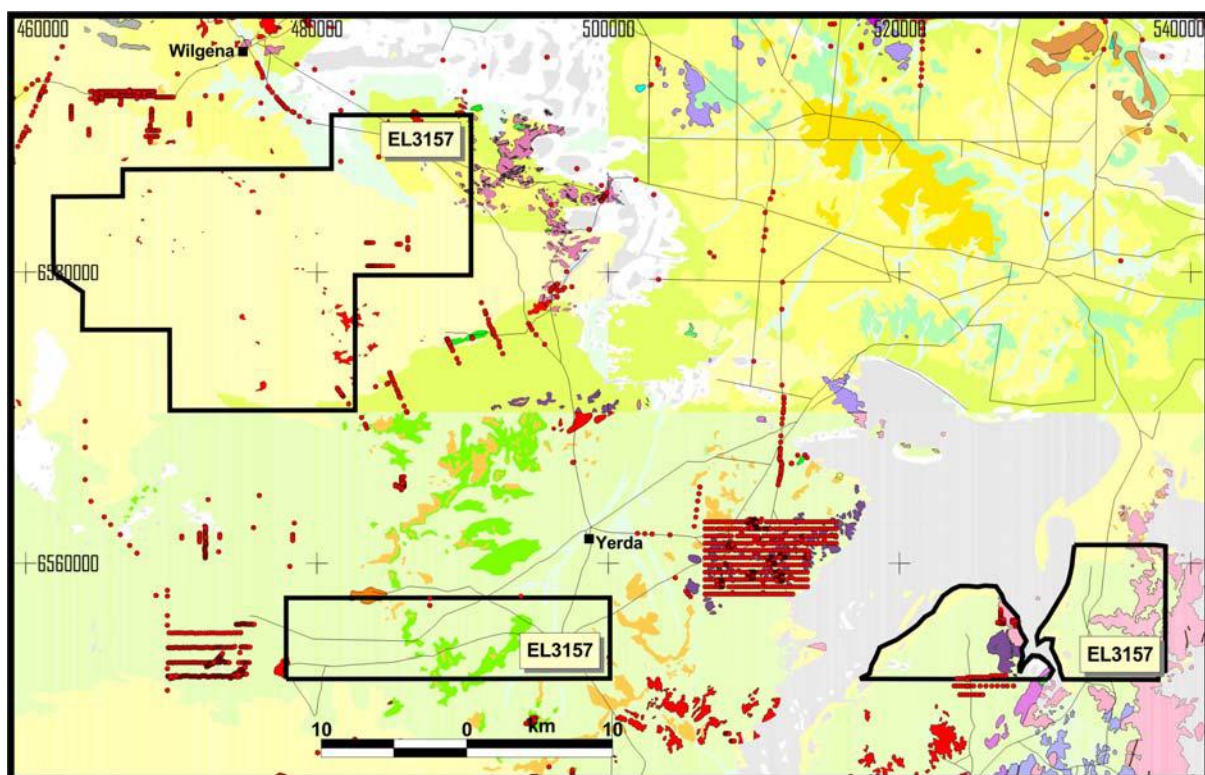


Figure 4: Outcrop geology and exploration drillholes for EL 3157 (Yerda Well) (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991)

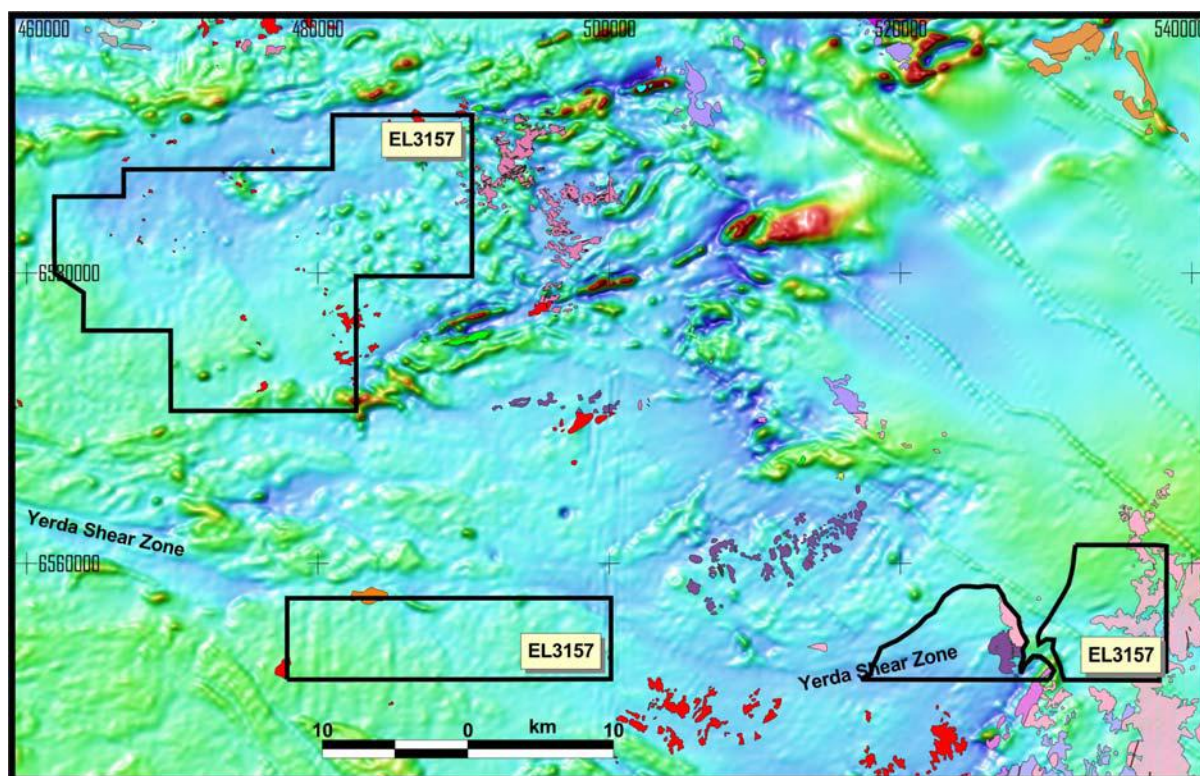


Figure 5: TMI drape and 1VD-TMIRTP for the central Gawler Craton (PIRSA data)

4.0 PREVIOUS MINERAL EXPLORATION

4.1 Eastern subarea

In the eastern subarea near Kokatha Homestead, rhyolitic and rhyodacitic units of the Gawler Range Volcanic rocks are exposed. Tarcoola Gold Ltd drilled 18 holes (GLE 1-18) in 1987 along the tenement boundary targeting gold mineralisation. Below 10–20 m thick cover, granite intersections contained no anomalous gold. Samples were only assayed for As, Au, Mo, Sb and W. Goldstream Mining NL drilled 24 holes (98KE series) in 1998 on exposed Gawler Range Volcanics to depths of 25–30 m. Anomalous Pb was obtained within rhyolite in several drillholes: 10 m interval >0.1% Pb in Hole 98KE8; 15 m wide zone >600 ppm Pb in Hole 98KE10. The maximum Pb assay obtained was 2,050 ppm (98KE8, 5-10 m). Mineralisation is at depths less than 20 m below ground level.

A small calcrete sampling program was undertaken in the previous reporting period, predominantly in the *eastern subarea*, with calcrete samples analysed for Au, Ag, Ca, Cu, Ni, Pb, U and Zn. Gold values range from 0.5 to 9 ppb (average 3 ppb), Cu from 8–48 ppm

(average 17 ppm), and U from 0.18–1.1 ppm (average 0.36 ppm). There is no significant gravity anomaly associated with the zone of anomalous Au samples in the *eastern subarea*, therefore the potential for IOCG systems is considered to be low. These samples occur in an area of transported cover and their effectiveness to represent basement geochemistry is considered to be poor. No other significant geochemical anomalies are evident.

As part of the Chitanilga Hill survey, Minotaur undertook a gravity survey which collected data from 1 x 2 km spaced stations over EL 3157 in 2004. No significant gravity anomalies have been delineated in the *eastern subarea*.

During the previous reporting period, EL 3157 was reviewed for potential Tertiary palaeochannels: thermal and radiometric data were analysed. Possible tributary palaeochannels are interpreted to transgress the *eastern subarea* with only the western channel showing connectivity to a larger system to the south of the tenement. The interpreted palaeochannels do not have any associated radiometric anomalism. High uranium values displayed in radiometric imagery are associated with exposed Hiltaba Suite granite, an intrusive suite known to contain elevated levels of uranium.

4.2 Central subarea

The *central subarea* is situated immediately below a regional flexure in the E–W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbirinda Shear Zone. Previous exploration within the *central subarea* is very limited.

Five drillholes by CSR Minerals Exploration in 1987 (TUN34–TUN38) intersected gneiss below ~15 m of cover sediments, but were only drilled to a maximum depth of 38 m (Figure 4). Drillhole TSI1 by MIM Exploration in 1996 also intersected gneiss and granite, but with no significant anomalous Au, Cu, Pb and Zn. Gneiss and granite intersections are interpreted to be either part of the Palaeoproterozoic Tunkillia Suite or of Archaean age.

A calcrete geochemical survey by Goldstream Mining in 1997 encroaches on the southeast portion of the *central subarea*. Gold values were predominantly 1–4 ppb with a maximum value of 6 ppb Au within the subarea. In 1995–1997 MIM undertook calcrete sampling over

the entire *central subarea* on a 400 x 400 m grid. Gold values were predominantly below detection (<1 ppb Au) with rare isolated samples up to 9 ppb Au. Copper values were similarly low with a maximum of 38 ppm Cu reported

A low amplitude regional gravity anomaly was identified in the *central subarea* and an infill gravity survey was undertaken by Haines in October 2005 to increase the resolution of gravity data and determine whether an anomaly identified in regional gravity data was directly associated with a magnetic response. The characteristics of this anomaly are discussed further in Section 6.1.

During the previous reporting period, NOAA thermal and radiometric data were analysed with a palaeochannel and associated tributaries interpreted to transgress the *northern* and *central subareas*.

4.3 Northern subarea

Much of the *northern subarea* has been sampled for calcrete geochemistry (Cu, Au). Programmes by Aurelius Resources and MIM Exploration 1995–1998 generally returned low values. Maximum gold values of 11 ppb (#550706, 550799) were reported. However, copper values are elevated in the northeast portion of this subarea with a peak value of 107 ppb (#561381) although existing coverage is incomplete.

Previous drilling within this subarea focused on the northeast portion closest to the transcontinental railway line, with a total of 49 drillholes drilled principally by Afmeco, Tarcoola Gold and Pima Mining (Figure 4). No anomalous gold or base metal values were obtained from a variety of basement lithologies, including ?Archaean gneiss and Mesoproterozoic granite. Elevated Ba (<1000 ppm), Ce (<300 ppm) and La (<150 ppm) occur within granite south of Wilgena. Anomalous Ni and Cr were obtained in several drillholes by PIRSA in the southeast portion of the subarea with maximum values of 2,100 ppm Cr (TAR36, 4–10 m) and 1,600 ppm Ni (TAR35, 18–24 m) presumably from Archaean komatiite.

In August 2005 Haines Surveys Pty Ltd acquired gravity stations at 1 km spacing along N–S lines to infill between existing 2 km spaced lines with 1 km spaced stations in the *northern subarea* of EL3157 (Yerda Well). No significant gravity anomalies were delineated, though in the northern region of the subarea there are several very low amplitude 1VD gravity anomalies.

During the previous reporting period, NOAA thermal and radiometric data were analysed with a palaeochannel and associated tributaries interpreted to transgress the northern and central subareas.

5.0 MINERAL PROSPECTIVITY

EL 3157 (Yerda Well) lies within a region recognised as offering potential to host gold mineralisation. Historical mines at Tarcoola and Glenloth have produced significant quantities of gold and the Tunkillia Prospect on the Yarlbrinda Shear Zone contains a significant, undeveloped gold resource. Gold mineralisation is interpreted to be linked to hydrothermal fluids emanating from Hiltaba Suite granitoids with gold and associated pyrite generally occurring within steeply-dipping quartz veins in an alteration zone comprising sericite and chlorite. Surrounding host rocks range from Archaean gneisses to Palaeoproterozoic granitic gneisses to Palaeoproterozoic sediments, indicating mineralisation is strongly influenced by proximity to Hiltaba Suite plutons and major structures as conduits for hydrothermal solutions.

The Yerda Well tenement is located close to the E-trending Yerda and Oolabinnia Shear Zones and their intersection with the N-trending Yarlbrinda Shear Zone (Figure 4). All three structures are regionally significant, Palaeoproterozoic shear zones of ductile deformation that were reactivated during the ~1590 Ma episode of felsic volcanism and plutonism.

The *central* and *eastern subareas* of the Yerda Well tenement lie along the eastern extension of the Yerda Shear Zone and their favourable structural setting has not been previously fully appreciated. In particular, within the *eastern subarea* near Lake Harris, the interpreted shear zone is only ~15-20 m below the surface and has not been previously specifically examined. The *central subarea* is situated immediately below a regional flexure in the E–W trending

Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbirinda Shear Zone.

The *northern subarea* contains several NW-trending brittle faults that were probably active during Hiltaba Suite plutonism and may have been conduits for hydrothermal solutions. A regionally significant area of elevated copper values in calcrete within the *northern subarea* may coincide with an interpreted NW-trending fault.

6.0 EXPLORATION UNDERTAKEN IN THE CURRENT REPORTING PERIOD

During the past 12 months, exploration activities included:

- Merging, processing and modelling of gravity data collected in 2005,
- Drilling of seven aircore holes over a coincident gravity-magnetics feature on the central subarea,
- Data acquisition, processing and interpretation of a regional airborne EM survey covering part of EL 3157,
- Whole rock analysis of 3 specimens collected on the eastern subarea of EL 3157.

7.0 GRAVITY SURVEY

In August 2005, Haines Surveys Pty Ltd (Haines) acquired 80 gravity stations at 1 km spacing along N–S lines to infill between existing stations in the *northern subarea* of EL 3157 (Figure 6). During October 2005, Haines acquired 99 gravity stations on the central subarea of EL 3157 with a station spacing of 400 x 400 m to increase the resolution of gravity data and to determine whether an anomaly identified in regional gravity data was directly associated with a magnetic response (Figure 6).

Although the acquisition of the gravity data occurred in the previous reporting period, the data were processed and merged with existing data in the current reporting period. Interpretation and target generation were also undertaken in the current year. A brief summary of the results of the gravity surveys follows, as discussed in Flint et al (2006).

No significant gravity anomalies were delineated in the northern subarea, although in the northern region of the subarea there are several very low-amplitude first vertical derivative (1VD) gravity anomalies (Figure 7).

The 1VD image of the detailed infill gravity data reveals an anomaly in the central subarea (Figures 7–8). The residual gravity response coincides directly with a curvilinear magnetic feature, suggesting a magnetic, dense source for the magnetic and gravity anomalies (Figure 9). 3D modelling and 2D modelling indicate a depth to source of 200 m and 50 m respectively with an SG of 3.1 g/cc; this may be indicative of either magnetite-hosted, IOCG alteration or a magnetite-rich formation.

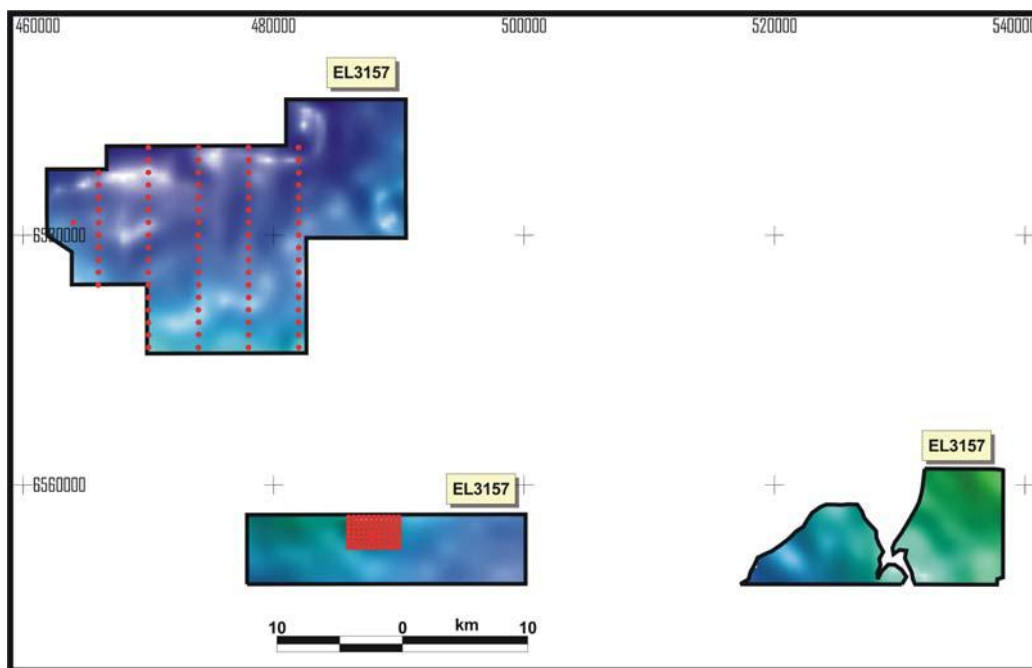


Figure 6: Bouguer gravity image for EL 3157 (Yerda Well) and superimposed 2005 gravity survey stations

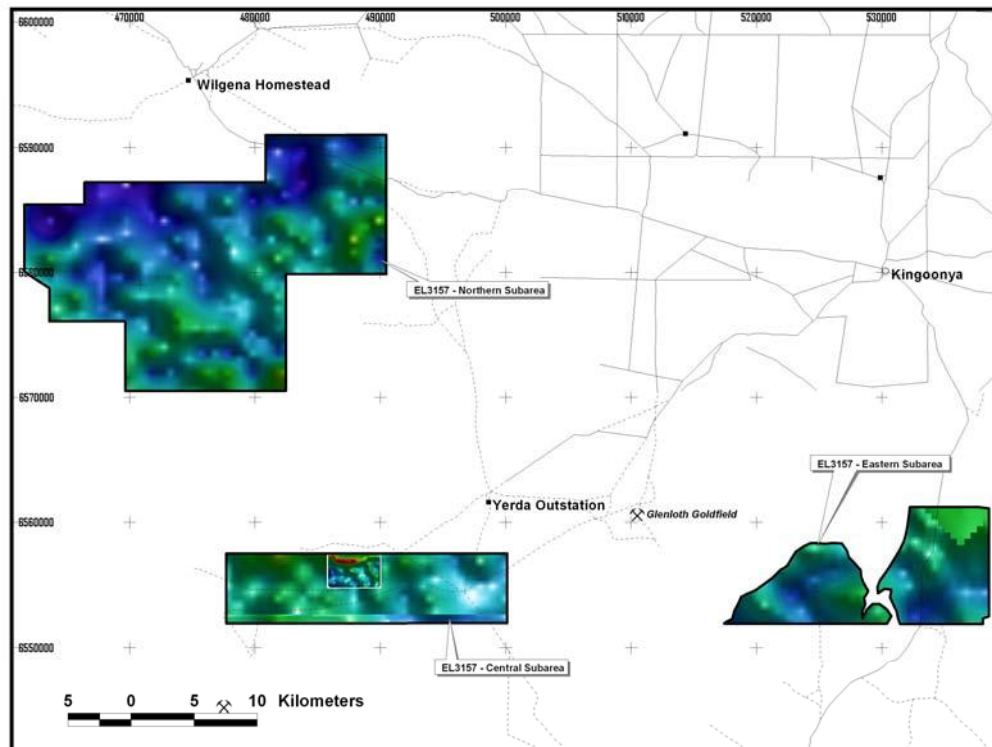


Figure 7: 1st Vertical Derivative gravity image for EL 3157 (Yerda Well) and superimposed detailed survey results for the central subarea

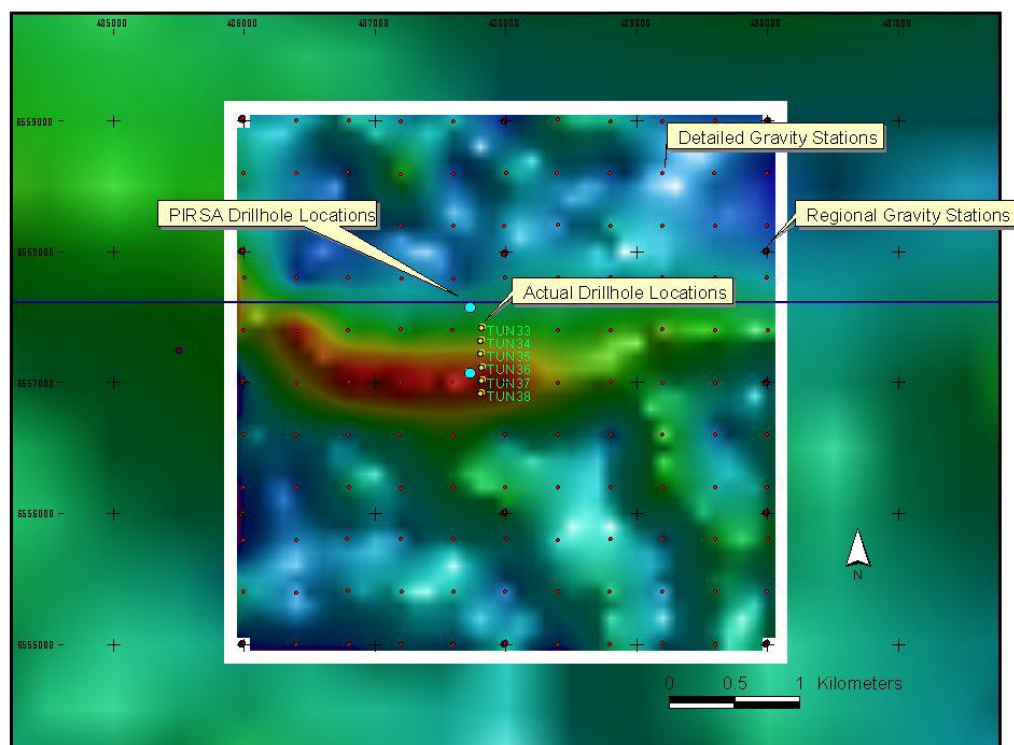


Figure 8: 1st Vertical Derivative gravity image of the detailed gravity survey for the central subarea of EL 3157 (Yerda Well) including locations of historical drillholes

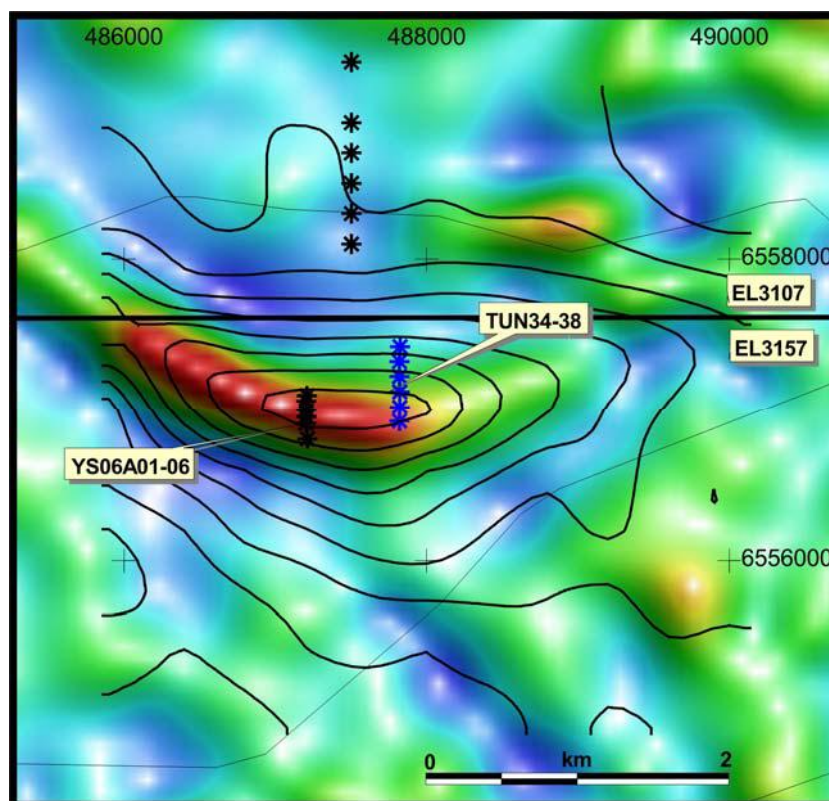


Figure 9: Residual gravity contours on TMI-cnorm magnetic image for detailed gravity survey, central subarea EL 3157 (Yerda Well)

EL 3157 is considered to be more prospective for gold mineralisation than for large iron-oxide copper-gold systems, however, the coincident curvilinear gravity and magnetic anomalies just south of the Yerda Shear within the *central subarea* warrant follow-up drilling. No magnetic or dense units of significance were intersected in previous drillholes by CSR Minerals Exploration at the eastern end of the coincident gravity and magnetic anomalies. It is suspected that the holes were not drilled deep enough or were located too far east to intersect the gravity target.

8.0 DRILLING

Seven AC holes were drilled on a N-S line across the coincident gravity and magnetic anomalies in the *central subarea* commencing at the south with YS06A01 and concluding with YS06A06 in the north.

Below ferruginous clays and other cover sediments, the seven AC holes intersected plutonic rocks typified by low (5–10%) quartz, and variable feldspar and biotite proportions. Based on the relative proportions of K-feldspar and plagioclase (where specified) in the chips, probable lithologies are granite, syenite and monzonite.

All holes were sampled from surface with 4 m composite samples collected in calico bags from the 1 m bulk sample bags. At the end of hole, 1 m samples or 2–3 m composites were taken if the depth of hole was not a multiple of 4 m. All composite samples were sent to Amdel Laboratories for multi-element analysis. No geochemically anomalous results were returned for metals of interest, i.e., Au, Ag, Cu, Ni, Pb and Zn (Appendix C).

The nature of lithologies causing coincident gravity and magnetic anomalies was not adequately explained, however, the lack of any anomalous geochemistry indicates that the geophysical features do not reflect an IOCG-mineralised system.

9.0 AIRBORNE EM SURVEY

Toro Energy contracted Fugro Airborne Surveys to undertake an airborne EM survey over portion EL 3157 as part of a much larger regional survey of the central Gawler Craton. The aim of the survey was to accurately define the lateral and vertical extents of Tertiary palaeochannels and assist exploration for sedimentary uranium mineralisation. The AEM survey was conducted by Fugro in July and August 2006 at a nominal 500 m line-spacing. The survey flight lines cover a small portion of the *northern* and *central subareas* (Figure 10).

The basement elevation image indicates shallow basement in red and deeper basement (i.e., palaeochannels) in blue (Figure 10). Palaeochannels were identified beyond but not within the boundaries of EL 3157.

Exploration activities conducted to date by Toro Energy have been dominated by remote geophysical and aerial data sets. A preliminary review of available datasets has commenced during the current reporting period with the aim to accelerate exploration for sedimentary uranium mineralisation.

Minotaur Exploration also processed and interpreted the AEM data to assist identification of late-time basement conductors. The new data were integrated with existing gravity and magnetics datasets. A number of basement conductors were identified, however, all occur outside the boundaries of EL 3157.

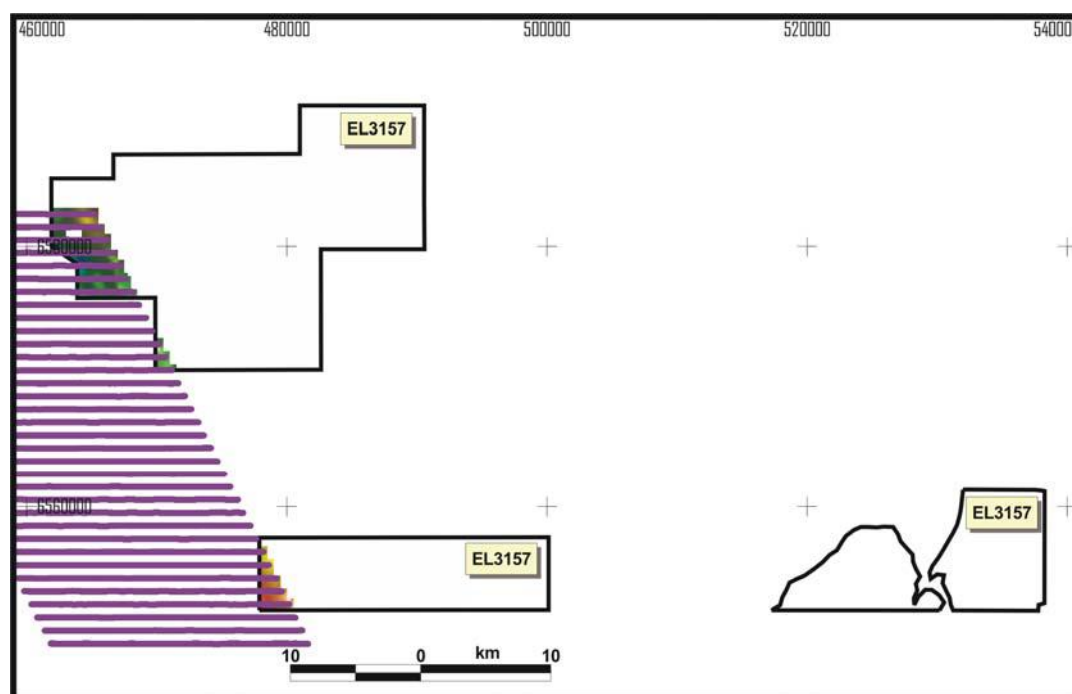


Figure 10: Airborne EM flight lines and basement elevation image covering part of the northern and central subareas of EL 3157 (Yerda Well)

10.0 ROCK SAMPLES

Three rock samples (YS1-3) were collected from the *eastern subarea* of EL 3157. Samples were of epithermal, coarse-grained, white quartz characterised by crystalline quartz terminations and large (<3 cm long) ?zeolite pseudomorphs. All three rock samples were collected at 527216mE and 6555404mN (GDA94) where there is abundant subcrop of epithermal quartz immediately above the interpreted eastern extension of the Yerda Shear

Zone. Just to the east felsic rhyolite and rhyodacite of the Gawler Range Volcanics have been brecciated and tectonically displaced, and is interpreted as re-activation along the pre-existing Yerda Shear Zone, but with brittle brecciation and epithermal quartz veining broadly synchronous with volcanism and plutonism (Gawler Range Volcanics and Hiltaba Suite).

One sample contained distinctly elevated gold at 0.25 ppm and further soil and rock chip sampling is warranted.

Sample_ID	Au ppm	Ag ppm	Cu %	Ni ppm	Pb ppm	Zn ppm	Fe %
YSZ1	0.25	<10	<0.001	<10	<10	<10	0.24
YSZ2	<0.01	<10	<0.001	<10	20	<10	0.41
YSZ3	<0.01	<10	0.002	<10	40	<10	0.35

Table 1: Summary geochemical results from rock samples (YS1-3) collected in the eastern subarea

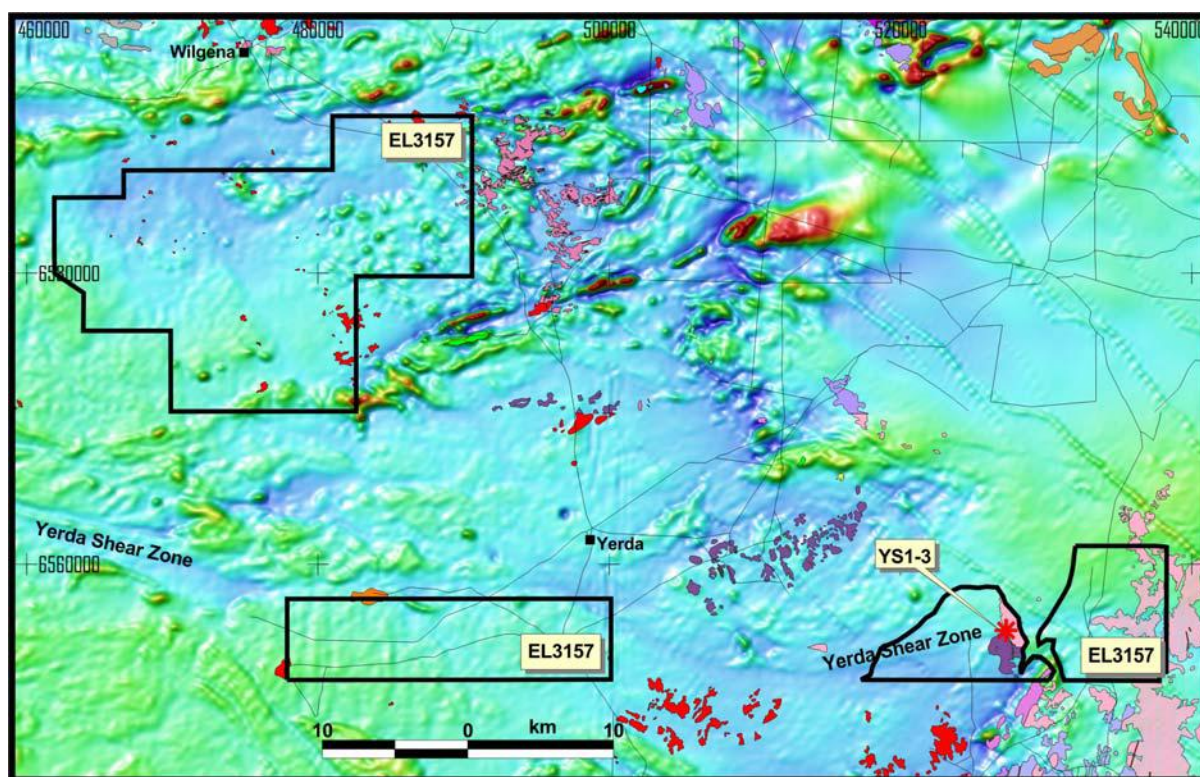


Figure 11: Rock samples (YS1-3) on EL 3157 eastern subarea on outcrop geology and TMI-RTP image

11.0 EXPENDITURE

Total expenditure for activities on EL 3157 (Yerda Well) for the year ending 19th January 2007 was \$67,807.67 with details outlined below (Table 1). Total expenditure for the tenement since the licence was granted is \$207,715.41. Please note this total figure includes \$5,000 not included in the total expenditure for period ending 19th July 2005.

Expenditure item	Period ending 19 th July 2006 A\$	Period ending 19 th Jan 2007 A\$	Year Total A\$
Administration	1337.10	4827.23	6164.33
Application/ fees/ rental	2491.30	76.50	2567.80
Camp hire/ maintenance	1745.85	1357.07	3102.92
Communications		90.57	90.57
Computing/ maps/ data	24.00	153.83	177.83
Drilling		7377.00	7377.00
Field expenses	296.88	2091.72	2388.60
Geophysics	1237.74	11557.09	12794.83
Geophysics contractors		13479.33	13479.33
Legal expenses	4000.00		4000.00
Salaries/ contractors	3521.14	9673.31	13194.45
Vehicle expenses	54.09	2415.92	2470.01
TOTAL	\$14,708.10	\$53,099.57	\$67,807.67

Table 2: Summary of exploration expenditure on EL 3157 for the year ending 19th January 2007

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APPENDICES

APPENDIX A

Geochemistry for rock samples YS1–YS3

(Digital file EL3157_2007_A_02_RockGeochemistry.txt) (digital file only)

APPENDIX B

Drillhole collars for holes YS06A01–YS06A06

(Digital file EL3157_2007_A_03_DrillCollars.txt) (digital file only)

APPENDIX C

Down hole geochemistry for drillholes YS06A01–YS06A06

(Digital file EL3157_2007_A_04_DownholeGeochemistry.txt) (digital file only)

APPENDIX D

Lithological logs for drillholes YS06A01–YS06A06

(Digital file EL3157_2007_A_05_Lithologs.txt) (digital file only)

APPENDIX E

Airborne EM survey data by Fugro Airborne Surveys

(Digital file EL3157_2007_A_06_AirborneEM.txt) (digital file only)

H1000	IDENT	GDA94_E	GDA94_N	Au		Al	Ba	Ca	Ce	Cr	Fe	K	La	Mg	Mn	Mo	Na	P	Si	Sr	Ti	U	Y	Ag	As	Bi	Co	Cu	Ni	Pb	S	Sb	Zn	
H1001	UNITS	metres	metres	ppm		ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	
H1002	SCHEME DETECTION			FA1PH		IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	
H1003	LIMIT					0.01	100	1	50	1	5	0.01	50	1	50	20	2	50	100	100	5	50	0.5	5	1	10	25	10	0.001	10	10	50	20	10
D	YSZ1	527216	6555404			0.25	4450	127	700	102	9	0.24	740	45	380	35 <2		280	100	477000		22 <50		<1	<10	<25	<10	<0.001	<10	<10	150	<20	<10	
D	YSZ2	527216	6555404	<0.01			6950	480	1000	15	9	0.41	1100	9	430	190 <2		410	110	473000		69	70 <0.5	<5	<1	<10	<25	<10	<0.001	<10	20	300	<20	<10
D	YSZ3	527216	6555404	<0.01			4450	104	430	4	9	0.35	650	2	190	85 <2		270	<100	481000		21 <50	<0.5	<5	<1	<10	<25	<10	0.002	<10	40	50	<20	<10
EOF																																		

H1000	IDENT			Au	AuRpt1	Al	Ba	Ca	Ce	Cr	Fe	K	La	Mg	Mn	Mo	Na	P	Si		
H1001	UNITS			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		
H1002	SCHEME			FA1PH	FA1PH	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR	IC4PHR		
H1003	DETECTION LIMIT				0.01	0.01	100	1	50	1	5	0.01	50	1	50	20	2	50	100	100	
H1004	Hole ID	Depth From	Depth To	Sample_ID																	
D	YS06A01	0	4	TK001	<0.01	na	46200	620	62800	41	42	2.23	8420	28	7250	150	2	3510	220	274000	
D	YS06A01	4	8	TK002	<0.01	<0.01	69800	760	3160	36	51	3.46	14300	27	4410	115	2	3780	110	319000	
D	YS06A01	8	12	TK003	<0.01	na	73900	1340	2150	61	13	2.64	30300	59	2830	45	2	11100	130	320000	
D	YS06A01	12	16	TK004	<0.01	na	74600	1470	2050	220	7	1.93	39600	138	1900	80	2	22700	450	324000	
D	YS06A01	16	20	TK005	<0.01	na	76000	1470	1730	125	<5	2.61	45000	73	1970	210	3	24800	250	320000	
D	YS06A01	20	24	TK006	<0.01	na	74700	1300	2410	155	6	3.52	40800	88	2630	350	3	24500	260	315000	
D	YS06A01	24	28	TK007		0.01	na	75300	1540	1870	92	<5	47900	54	2180	145	3	26900	180	327000	
D	YS06A01	28	32	TK008	<0.01	na	74000	1450	2240	108	<5	2.98	45500	66	2650	205	2	25800	200	321000	
D	YS06A01	32	36	TK009	<0.01	na	73600	1370	2420	117	<5	2.87	43500	67	2380	245	3	26900	130	320000	
D	YS06A01	36	40	TK010	<0.01	na	73800	1370	1530	125	8	3.25	44100	69	2910	205	3	27500	160	326000	
D	YS06A01	40	44	TK011	<0.01	na	73300	1390	1110	132	8	3.25	44900	79	2810	185	2	28300	150	326000	
D	YS06A01	44	46	TK012	<0.01	na	71900	1230	1360	136	6	3.56	42000	81	3850	245	2	27800	330	319000	
D	YS06A01	46	49	TK013		0.04	0.06	72400	1300	1650	111	<5	44100	64	5150	415	2	28300	510	322000	
D	YS06A02	0	4	TK014	<0.01	na	56100	390	25500	39	46	3.15	10800	26	6620	230	<2	4550	180	311000	
D	YS06A02	4	8	TK015	<0.01	na	70200	550	2650	44	47	4.63	9270	27	6500	175	2	7150	180	304000	
D	YS06A02	8	12	TK016	<0.01	na	73800	2990	3910	275	37	7.54	6520	127	5640	410	<2	13800	870	269000	
D	YS06A02	12	16	TK017	<0.01	na	69600	540	4970	68	32	6.61	5160	38	5270	310	2	20700	630	283000	
D	YS06A02	16	20	TK018	<0.01	na	81900	1480	11700	138	15	9.78	12300	73	8570	740	2	25400	2240	238000	
D	YS06A02	20	24	TK019	<0.01	na	75900	1410	32500	140	12	10.13	14400	78	16700	2410	3	27700	4800	230000	
D	YS06A02	24	28	TK020	<0.01	na	71000	1050	45000	125	13	10.69	13300	68	21700	1940	2	26100	4860	224000	
D	YS06A02	28	32	TK021	<0.01	na	73500	860	39700	136	15	10.43	10900	73	17200	1790	2	26600	4790	231000	
D	YS06A02	32	36	TK022	<0.01	na	73400	1210	40500	140	18	10.15	13200	73	18100	1960	<2	25900	4540	225000	
D	YS06A02	36	40	TK023	<0.01	na	76500	1270	32800	105	19	8.6	16000	58	15500	1160	<2	28100	3860	237000	
D	YS06A02	40	44	TK024	<0.01	na	74900	1290	42400	134	12	9.81	12900	72	20400	1710	<2	26700	4800	224000	
D	YS06A02	44	45	TK025		0.01	na	77900	1560	38600	103	31	8.69	22200	55	22500	1380	<2	26400	3540	236000
D	YS06A03	0	4	TK026	<0.01	na	52800	500	55700	37	39	2.91	9160	24	7860	205	<2	4390	260	281000	
D	YS06A03	4	8	TK027	<0.01	na	68900	890	3500	82	45	4.95	8600	68	7060	265		7460	390	300000	
D	YS06A03	8	12	TK028	<0.01	<0.01	59100	1080	5940	205	12	7.29	7340	115	6450	430	2	15100	970	281000	
D	YS06A03	12	16	TK029	<0.01	na	77400	1160	12600	105	9	9.65	11300	55	7100	610	2	22100	2110	245000	
D	YS06A03	16	20	TK030	<0.01	na	78300	1180	23600	141	5	11.03	13800	76	14100	1350	3	26000	1740	231000	
D	YS06A03	20	24	TK031	<0.01	na	75000	1340	35700	155	5	10.8	14800	85	17500	1820	2	26000	4130	222000	
D	YS06A03	24	28	TK032	<0.01	na	74900	1200	43600	142	5	10.81	15900	76	21600	2070	4	24700	5140	224000	
D	YS06A03	28	32	TK033	<0.01	na	75700	1210	44800	142	5	10.52	15000	79	19800	1810	3	25600	5320	230000	
D	YS06A03	32	36	TK034	<0.01	na	73000	1280	38900	140	<5	10.33	17300	79	18200	1910	2	25600	5420	227000	
D	YS06A03	36	39	TK035	<0.01	na	72600	2000	19800	160	<5	7.86	23000	88	11400	4940	2	27600	3700	262000	
D	YS06A03A	0	4	TK071	<0.01	na	60600	345	21600	44	44	3.09	10900	22	7010	260	<2	4590	220	312000	
D	YS06A03A	4	8	TK072	<0.01	na	66000	670	25100	143	43	4.05	10200	85	7250	255	<2	7460	470	288000	
D	YS06A03A	8	12	TK073	<0.01	na	75100	1820	6290	275	11	7.1	7470	117	5780	415	3	20300	1770	271000	
D	YS06A03A	12	16	TK074	<0.01	na	78200	1000	12300	65	9	9.88	10900	37	7270	630	3	22800	2390	244000	
D	YS06A03A	16	20	TK075	<0.01	na	86300	1310	22700	112	7	9.73	15600	59	12000	1190	2	27800	1440	239000	
D	YS06A03A	20	24	TK076	<0.01	na	79500	910	29200	125	5	10.76	15600	63	18700	1720	2	26600	1300	233000	
D	YS06A03A	24	28	TK077	<0.01	na	75700	830	38600	127	<5	10.62	16700	66	20400	1920	2	24600	4200	230000	
D	YS06A03A	28	32	TK078	<0.01	na	75600	690	25700	96	<5	6.98	27300	51	12800	1170	2	26000	2190	280000	
D	YS06A03A	32	36	TK079	<0.01	na	77100	1080	32700	117	6	8.6	20400	61	16300	1680	2	27200	3980	256000	
D	YS06A03A	36	40	TK080	<0.01	na	76400	1520	32800	103	12	9.9	18700	57	18200	3130	<2	25800	3830	236000	
D	YS06A03A	40	44	TK081	<0.01	na	80100	1220	40500	115	12	9.26	18500	61	22300	1440	<2	27200	4060	240000	
D	YS06A03A	44	48	TK082	<0.01	na	76700	850	31500	84	11	7.12	24000	45	17200	1100	<2	27900	2850	269000	
D	YS06A03A	48	49	TK083	<0.01	na	75200	1520	32500	86	16	6.38	23100	45	16200	1030	3	28400	2480	276000	
D	YS06A04	0	4	TK036	<0.01	na	47900	425	65100	34	36	2.67	9220	23	7140	215	<2	3880	300	278000	
D	YS06A04	4	8	TK037	<0.01	na	71500	720	3370	57	51	4.41	10400	29	6840	255	3	7220	210	311000	
D	YS06A04	8	12	TK038	<0.01	na	70700	1040	3140	120	16	7.58	7700	59	5170	335	2	21300	650	279000	
D	YS06A04	12	16	TK039	<0.01	na	84400	380	6940	36	16	9.74	8930	16	8370	430	<2	19300	670	247000	
D	YS06A04	16	20	TK040	<0.01	na	83500	870	4940	92	15	7.45	13000	38	8720	325	3	32000	780	256000	
D	YS06A04	20	24	TK041	<0.01	na	82600	1080	24300	89	12	9.41	16700	38	18500	1910	<2	28800	1890	233000	
D	YS06A04	24	28	TK042	<0.01	na	82300	1130	33400	98	14	8.23	18500	43	20900	1700	<2	28100	2620	237000	
D	YS06A04	28	32	TK043	<0.01	na	83000	900	32800	95	18	8.07	17100	41	21300	1430	<2	32300	2390	241000	
D	YS06A04	32	36	TK044	<0.01	na	81100	790	45900	75	18	8.44	14700	31	26200	1690	<2	28600	2250	236000	
D	YS06A04	36	40	TK045	<0.01	na	80900	640	45000	86	21	8.44	15300	38	25900	1430	<2	26300	2410	232000	
D	YS06A04	40	44	TK046	<0.01	na	81600	720	44500	86	25	8.08	16000	37	26400	1340	<2	28200	2450	237000	
D	YS06A04	44	47	TK047	<0.01	na	78800	800	44300	77	23	7.95	16400	34	27800	1370	<2	27300	2250	232000	
D	YS06A05	0	4	TK048	<0.01	na	68500	385	10700	47	52	3.48	11300	23	7810	295	<2	3330	210	307000	
D	YS06A05	4	8	TK049	<0.01	na	63400	450	15700	113	45	3.99	9210	49	8040	280	<2	6720	450	308000	
D	YS06A05	8	12	TK050		0.03	na	56400	880	4800	152	16	6.7	66	5330	355	3	18600	970	300000	
D	YS06A05	12	16	TK051		0.01	na	75400	1320	10600	185	14	9.02	76	7760	520	2	21500	2590	245000	
D</																					

Sr ppm IC4PHR	Ti ppm IC4PHR	U ppm IC4PHR	Y ppm IC4PHR	Ag ppm MET1PH	As ppm MET1PH	Bi ppm MET1PH	Co ppm MET1PH	Cu % MET1PH	Ni ppm MET1PH	Pb ppm MET1PH	S ppm MET1PH	Sb ppm MET1PH	Zn ppm MET1PH	
	5	50	0.5	5	1	10	25	10	0.001	10	10	50	20	10
	191	2810	2.5	18 <1	<10	<25	<10		0.002	15 <10		1850 <20		50
	88	3880	2.5	11 <1	<10	<25	<10	<0.001		10	15	700 <20		35
	138	3870	2.5	12 <1	<10	<25	<10	<0.001	<10		15	350 <20		35
	390	2870	3	19 <1	<10	<25	<10	<0.001	<10		15	450 <20		35
	290	3180	5	27 <1	<10	<25	<10	<0.001	<10		15	150 <20		45
	245	4380	7.5	43 <1	<10	<25	<10	<0.001	<10		25	100 <20		70
	184	2660	4.5	38 <1	<10	<25	<10	<0.001	<10		15	100 <20		45
	205	3400	5	38 <1	<10	<25	<10	<0.001	<10		15	100 <20		55
	190	3500	4.5	37 <1	<10	<25	<10	<0.001	<10		20	50 <20		60
	151	3690	4	42 <1	<10	<25	<10	<0.001	<10		15	50 <20		65
	119	3520	3.5	50 <1	<10	<25	<10		0.001 <10		15	100 <20		70
	105	4140	4	75 <1	<10	<25	<10	<0.001	<10		15	100 <20		85
	78	3120	3	32 <1	<10	<25	<10	<0.001	<10		25	150 <20		70
	115	3290	1.5	17 <1	<10	<25	<10		0.002	15	10	500 <20		40
	141	5270	2.5	14 <1	<10	<25	<10		0.001	15 <10		500 <20		35
	740	7520	2 <5	<1	<10	<25		10 <0.001		15	15	2650 <20		30
	465	8450	3 <5	<1	<10	<25		15 <0.001		10	10	500 <20		30
	1810	10500	3.5	50 <1	<10	<25		30	0.002	25	10	500 <20		105
	560	11800	1	86 <1	<10	<25		75	0.001	30 <10		200 <20		160
	560	12300	0.5	38 <1	<10	<25		40	0.002	25 <10		100 <20		160
	600	11700	0.5	40 <1	<10	<25		35	0.001	25 <10		100 <20		140
	580	12000	0.5	38 <1	<10	<25		35	0.002	20 <10		100 <20		140
	610	9540	0.5	31 <1	<10	<25		30	0.002	30 <10		100 <20		125
	640	11200	0.5	37 <1	<10	<25		35	0.002	20 <10		100 <20		135
	510	9500	1	32 <1	<10	<25		30	0.001	25 <10		150 <20		125
	167	3260	1.5	16 <1	<10	<25	<10		0.002	20 <10		2100 <20		45
	215	5870	2	15 <1	<10	<25	<10		0.002	15	10	1350 <20		50
	620	8860	2.5	6 <1	<10	<25		15 <0.001	<10		10	2950 <20		55
	840	10700	4	16 <1	<10	<25		25	0.001	15 <10		550 <20		70
	600	12700	4.5	59 <1	<10	<25		35	0.001	10 <10		450 <20		120
	650	13000	2	72 <1	<10	<25		40	0.001	15 <10		200 <20		150
	520	12800	2	40 <1	<10	<25		45	0.002	15 <10		100 <20		170
	550	12600	2	41 <1	<10	<25		40	0.001	10 <10		100 <20		160
	550	12800	1.5	40 <1	<10	<25		40 <0.001	<10	<10		150 <20		150
	305	9250	1.5	29 <1	<10	<25		40	0.002	10	15	100 <20		120
	111	3470	1.5	17 <1	<10	<25	<10		0.005	20	25	500 <20		70
	295	4900	1.5	22 <1	<10	<25	<10		0.002	10	15	3000 <20		60
	1130	9040	6	8 <1	<10	<25		15	0.004 <10		15	2400 <20		105
	630	11100	6.5	10 <1	<10	<25		20	0.003	10 <10		650 <20		85
	670	10600	3	30 <1	<10	<25		30	0.004	15	25	500 <20		100
	590	12600	3	71 <1	<10	<25		40	0.025	15 <10		600 <20		210
	540	12200	1.5	43 <1	<10	<25		45	0.006	15 <10		200 <20		165
	360	7610	3	33 <1	<10	<25		30	0.003 <10		15	150 <20		120
	465	10400	2.5	35 <1	<10	<25		35	0.018	10	10	300 <20		195
	520	11200	1	34 <1	<10	<25		45	0.003	25 <10		150 <20		155
	550	10300	1	34 <1	<10	<25		30	0.005	20 <10		300 <20		125
	415	7440	2.5	30 <1	<10	<25		25	0.004	15 <10		150 <20		95
	385	5700	3.5	32 <1	<10	<25		20	0.021	15	20	550 <20		145
	171	3080	1.5	16 <1	<10	<25	<10		0.002	15 <10		900 <20		40
	140	4810	2	16 <1		<25	<10		0.002	15	10	1300 <20		45
	560	7280	2 <5		3 <10	<25		15	0.004	20	60	1850 <20		75
	420	8220	2.5 <5	<1	<10	<25		25	0.001	15	10	350 <20		70
	485	6550	1.5	53 <1	<10	<25		25	0.003	20	10	300 <20		80
	540	8870	1.5	70 <1	<10	<25		55	0.002	25	15	200 <20		130
	470	7780	1.5	29 <1	<10	<25		45	0.002	20 <10		150 <20		120
	430	7520	1.5	27 <1	<10	<25		35	0.002	20	10	150 <20		120
	510	7030	1	28 <1	<10	<25		35	0.001	25 <10		100 <20		110
	520	7640	0.5	25 <1	<10	<25		35	0.002	25 <10		150 <20		105
	490	7220	1	26 <1	<10	<25		35	0.003	30	15	150 <20		100
	425	6540	0.5	24 <1	<10	<25		30	0.001	35 <10		100 <20		110
	97	3890	1	18 <1	<10	<25	<10		0.002	20	10	200 <20		55
	240	5010	1.5	20 <1	<10	<25	<10		0.001	15	10	550 <20		45
	530	9130	2.5	6 <1	<10	<25		20 <0.001		15	15	500 <20		60
	1130	9340	3.5	11 <1	<10	<25		25	0.001	20	15	600 <20		75
	910	8150	2.5	126 <1	<10	<25		25	0.002	15	15	350 <20		75
	475	10300	1.5	48 <1	<10	<25		50	0.006	30	30	1250 <20		160
	425	10700	1.5	32 <1	<10	<25		50	0.002	20 <10		150 <20		140
	390	10600	2	36 <1	<10	<25		40	0.002	15	15	100 <20		140
	465	11700	1	41 <1	<10	<25		25	0.001	10 <10		100 <20		125
	470	12000	1.5	47 <1	<10	<25		30	0.002 <10	<10		100 <20		150
	495	11600	1.5	39 <1	<10	<25		25	0.001 <10	<10		100 <20		115
	470	11900	1.5	40 <1	<10	<25		35	0.005 <10		20	300 <20		130
	123	3630	1	17 <1	<10	<25	<10		0.002	20 <10		300 <20		45
	84	4190	1.5	17 <1	<10	<25	<10		0.002	20	15	250 <20		50
	119	3850	1.5	12 <1	<10	<25	<10		0.002	20	40	200 <20		40
	540	1270	2	38 <1	<10	<25	<10	<0.001		25	95	500 <20		45
	270	540	1.5	31 <1	<10	<25	<10	<0.001		15	25	250 <20		45
	215	380	3	117 <1	<10	<25	<10	<0.001	<10		15	250 <20		45

Sr	Ti	U	Y	Ag	As	Bi	Co	Cu	Ni	Pb	S	Sb	Zn
ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
IC4PHR	IC4PHR	IC4PHR	IC4PHR	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH	MET1PH
115	700	3	76 <1	<10	<25	<10	<0.001	<10	10	150 <20	35		
435	8450	1.5	34 <1	<10	<25	25	0.002	20 <10	100 <20	110			
495	12400	0.5	35 <1	<10	<25	40	0.003	45 <10	100 <20	140			
455	11700	1.5	41	2 <10	<25	60	0.012	35	75	450 <20	190		
137	2750	3.5	25 <1	<10	<25	15	0.012	<10	40	250 <20	85		

H1000	Hole_ID	Depth_From	Depth_To	Lithology	Colour 1	Colour 2	Texture 1	Description	Logged by	Date logged
D	YS06A01	0	1		brown			qtz f-mg, clays, alluvium, ferruginisation	I. Roark	1/08/2006
D	YS06A01	1	2		brown	red		qtz f-mg, clays, ferruginisation, siliceous pebbles	I. Roark	1/08/2006
D	YS06A01	2	3		brown	red		qtz f-mg, clays, ferruginisation, siliceous pebbles	I. Roark	1/08/2006
D	YS06A01	3	4		red	brown		qtz f-mg, clays, ferruginisation, siliceous pebbles	I. Roark	1/08/2006
D	YS06A01	4	5		brown	pink		qtz f-mg, clays, ferruginisation, siliceous pebbles	I. Roark	1/08/2006
D	YS06A01	5	6		red	brown		qtz f-mg, clays, ferruginisation	I. Roark	1/08/2006
D	YS06A01	6	7		red	brown		qtz f-mg, clays, ferruginisation	I. Roark	1/08/2006
D	YS06A01	7	8		red	pink		qtz f-mg, clays, feldspar, weak ferruginisation	I. Roark	1/08/2006
D	YS06A01	8	9		brown	pink		qtz f-mg, clays, feldspar, weak ferruginisation	I. Roark	1/08/2006
D	YS06A01	9	10		brown	pink		qtz f-mg, clays, feldspar, weak ferruginisation	I. Roark	1/08/2006
D	YS06A01	10	11		pink	white		qtz f-mg, clays, feldspar, siltstone	I. Roark	1/08/2006
D	YS06A01	11	12		pink	white		qtz f-mg, clays, feldspar, siltstone	I. Roark	1/08/2006
D	YS06A01	12	13		pink	white		qtz f-mg, clays, feldspar, siltstone	I. Roark	1/08/2006
D	YS06A01	13	14		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	14	15		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	15	16		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	16	17		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	17	18		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	18	19		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	19	20		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	20	21		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	21	22		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	22	23		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	23	24		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	24	25		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	25	26		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	26	27		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	27	28		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	28	29		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	29	30		yellow	pink		qtz mg, siliceous, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	30	31		yellow	pink		qtz mg, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	31	32		yellow	pink		qtz mg, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	32	33		yellow	pink		qtz mg, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	33	34		yellow	pink		qtz mg, mica, clays, limonitic	I. Roark	1/08/2006
D	YS06A01	34	35		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	35	36		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	36	37		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	37	38		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	38	39		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	39	40		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	40	41		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	41	42		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	42	43		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	43	44		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	44	45		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	45	46		yellow	pink	massive	qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	46	47		grey	pink		qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	47	48		grey	pink		qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A01	48	49		grey	pink		qtz 10%, white + pink feldspar (feld 15%, k-feld 60%), biotite 15%	I. Roark	1/08/2006
D	YS06A02	0	1		red	brown		qtz, clay, ferruginisation	I. Roark	1/08/2006
D	YS06A02	1	2		pink	brown		sand, clay, ferruginisation	I. Roark	1/08/2006
D	YS06A02	2	3		pink	brown		qtz, fg, clay, ferruginisation, feldspar, mica	I. Roark	1/08/2006
D	YS06A02	3	4		pink	brown		qtz, fg, clay, ferruginisation, feldspar, mica	I. Roark	1/08/2006
D	YS06A02	4	5		pink	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques	I. Roark	1/08/2006

H1000	Hole_ID	Depth_From	Depth_To	Lithology	Colour 1	Colour 2	Texture 1	Description	Logged by	Date logged
D	YS06A02	5	6		pink	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques	I. Roark	1/08/2006
D	YS06A02	6	7		red	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	7	8		pink	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	8	9		red	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	9	10		pink	white		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	10	11		pink	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	11	12		pink	white		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	12	13		pink	white		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	13	14		yellow	pink		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	14	15		yellow	white		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	15	16		yellow			qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	16	17		yellow			qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	17	18		yellow			qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	18	19		yellow			qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	19	20		yellow			qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	20	21		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	21	22		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	22	23		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	23	24		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	24	25		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	25	26		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	26	27		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	27	28		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	28	29		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	29	30		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	30	31		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	31	32		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	32	33		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	33	34		yellow	brown		qtz, fg, clay, ferruginisation, feldspar, mica, silicif, opaques, limonite	I. Roark	1/08/2006
D	YS06A02	34	35		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	35	36		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	36	37		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	37	38		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	38	39		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	39	40		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	40	41		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	41	42		green			qtz, clay, feldspar, mica, sericite, fuchsite	I. Roark	1/08/2006
D	YS06A02	42	43		green			qtz, clay, feldspar, mica, sericite, fuchsite, biotite	I. Roark	1/08/2006
D	YS06A02	43	44		green	black		qtz, clay, feldspar, mica, sericite, fuchsite, biotite	I. Roark	1/08/2006
D	YS06A02	44	45		black			qtz, clay, feldspar, mica, sericite, fuchsite, biotite	I. Roark	1/08/2006
D	YS06A03	0	1		pink	red		Alluvium, qtz, clay, silicific, ferruginisation	I. Roark	1/08/2006
D	YS06A03	1	2		pink	red		qtz, clay, silicific, ferruginisation	I. Roark	1/08/2006
D	YS06A03	2	3		pink	red		qtz, clay, silicific, ferruginisation	I. Roark	1/08/2006
D	YS06A03	3	4		pink	red		qtz, clay, silicific, ferruginisation	I. Roark	1/08/2006
D	YS06A03	4	5		pink	red		qtz, clay, silicific, ferruginisation	I. Roark	1/08/2006
D	YS06A03	5	6		pink	red		qtz, clay, silicific, ferruginisation	I. Roark	1/08/2006
D	YS06A03	6	7		pink	red		qtz, clay, silicific, ferruginisation, feldspar, mica	I. Roark	1/08/2006
D	YS06A03	7	8		pink	red		qtz, clay, silicific, ferruginisation, feldspar, mica	I. Roark	1/08/2006
D	YS06A03	8	9		yellow	red		qtz, clay, silicific, ferruginisation, feldspar, mica	I. Roark	1/08/2006
D	YS06A03	9	10		yellow	red		qtz, clay, silicific, feldspar, mica, weakly limonitic	I. Roark	1/08/2006
D	YS06A03	10	11		yellow	red		qtz, clay, silicific, feldspar, mica, weakly limonitic	I. Roark	1/08/2006
D	YS06A03	11	12		yellow	brown		qtz, clay, silicific, feldspar, mica, weakly limonitic	I. Roark	1/08/2006
D	YS06A03	12	13		yellow	brown		qtz, clay, silicific, feldspar, mica, weakly limonitic	I. Roark	1/08/2006
D	YS06A03	13	14		yellow	brown		qtz, clay, silicific, feldspar, mica, weakly limonitic	I. Roark	1/08/2006

H1000	Hole_ID	Depth_From	Depth_To	Lithology	Colour 1	Colour 2	Texture 1	Description	Logged by	Date logged
D	YS06A03	14	15		yellow	brown		qtz, clay, silicific, feldspar, mica, limonitic	I. Roark	1/08/2006
D	YS06A03	15	16		yellow	brown		qtz, clay, silicific, feldspar, mica, limonitic	I. Roark	1/08/2006
D	YS06A03	16	17		yellow	brown		qtz, clay, silicific, feldspar, mica, limonitic	I. Roark	1/08/2006
D	YS06A03	17	18		yellow	brown		qtz, clay, silicific, feldspar, mica, limonitic	I. Roark	1/08/2006
D	YS06A03	18	19		yellow	brown		qtz, clay, silicific, feldspar, mica, limonitic	I. Roark	1/08/2006
D	YS06A03	19	20		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	20	21		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	21	22		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	22	23		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	23	24		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	24	25		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	25	26		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	26	27		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	27	28		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	28	29		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	29	30		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	30	31		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	31	32		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	32	33		brown	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	33	34		grey	green		qtz, clay, silicific, feldspar, mica, biotite 20%	I. Roark	1/08/2006
D	YS06A03	34	35		grey	green		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A03	35	36		grey	green		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A03	36	37		yellow	green		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A03	37	38		yellow	green		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A03	38	39		red	grey		feldspar (pink) qtz 10%, biotite 5%, silicified	I. Roark	1/08/2006
D	YS06A03A	0	1		red	brown		Alluvium, qtz, clay, ferruginisation	I. Roark	2/08/2006
D	YS06A03A	1	2		red	brown		qtz, clay, ferruginisation	I. Roark	2/08/2006
D	YS06A03A	2	3		brown	white		qtz, clay, ferruginisation, siltstone	I. Roark	2/08/2006
D	YS06A03A	3	4		brown	white		qtz, clay, ferruginisation, silcrete layers	I. Roark	2/08/2006
D	YS06A03A	4	5		brown	white		qtz, clay, ferruginisation, silcrete layers	I. Roark	2/08/2006
D	YS06A03A	5	6		brown	white		qtz, clay, ferruginisation, silcrete layers	I. Roark	2/08/2006
D	YS06A03A	6	7		brown	white		qtz, clay, ferruginisation, silcrete layers	I. Roark	2/08/2006
D	YS06A03A	7	8		brown	white		qtz, clay, ferruginisation, silcrete layers	I. Roark	2/08/2006
D	YS06A03A	8	9		brown	white		qtz, clay, silcrete layers, mica, feldspar	I. Roark	2/08/2006
D	YS06A03A	9	10		brown	white		qtz, clay, silcrete layers, mica, feldspar	I. Roark	2/08/2006
D	YS06A03A	10	11		brown	white		qtz, clay, silcrete layers, mica, feldspar	I. Roark	2/08/2006
D	YS06A03A	11	12		brown	white		qtz, clay, silcrete layers, mica, feldspar, limonite	I. Roark	2/08/2006
D	YS06A03A	12	13		yellow	brown		qtz, clay, silcrete layers, mica, feldspar, limonite	I. Roark	2/08/2006
D	YS06A03A	13	14		yellow	brown		qtz, clay, silcrete layers, mica, feldspar, limonite	I. Roark	2/08/2006
D	YS06A03A	14	15		yellow	brown		qtz, clay, silcrete layers, mica, feldspar, limonite	I. Roark	2/08/2006
D	YS06A03A	15	16		yellow	brown		qtz, clay, silcrete layers, mica, feldspar, limonite, (fg)	I. Roark	2/08/2006
D	YS06A03A	16	17		yellow	brown		qtz, clay, silcrete layers, mica, feldspar, limonite	I. Roark	2/08/2006
D	YS06A03A	17	18		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	18	19		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	19	20		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	20	21		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	21	22		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	22	23		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	23	24		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	24	25		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	25	26		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	26	27		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	27	28		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	28	29		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006

H1000	Hole_ID	Depth_From	Depth_To	Lithology	Colour 1	Colour 2	Texture 1	Description	Logged by	Date logged
D	YS06A03A	29	30		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	30	31		brown	yellow		qtz, clay, silcrete layers, mica, feldspar, biotite, +/- chlorite	I. Roark	2/08/2006
D	YS06A03A	31	32		pink	white		massive qtz, pink feldspar, siliceous layers, clay	I. Roark	2/08/2006
D	YS06A03A	32	33		pink	white		massive qtz, pink feldspar, siliceous layers, clay	I. Roark	2/08/2006
D	YS06A03A	33	34		brown	yellow		qtz, clay, feldspar, micas etc	I. Roark	2/08/2006
D	YS06A03A	34	35		brown	yellow		qtz, clay, feldspar, micas, chlorite, senicite, biotite	I. Roark	2/08/2006
D	YS06A03A	35	36		brown	yellow		qtz, clay, feldspar, micas, chlorite +/- fuchsite	I. Roark	2/08/2006
D	YS06A03A	36	37		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	37	38		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	38	39		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	39	40		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	40	41		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	41	42		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	42	43		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	43	44		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	44	45		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	45	46		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	46	47		brown	yellow		qtz, clay, feldspar, micas	I. Roark	2/08/2006
D	YS06A03A	47	48		black	pink		qtz, clay, feldspar, micas, qtz feldspar layers	I. Roark	2/08/2006
D	YS06A03A	48	49		black	pink		qtz 10%, Fs 50%, biotite 40% mixed with qtz feldspar (non crystalline) minor mica	I. Roark	2/08/2006
D	YS06A04	0	1		pink	brown		Alluvium, qtz, silicification, ferruginisation	I. Roark	1/08/2006
D	YS06A04	1	2		pink	brown		qtz, clay, ferruginisation, silicifation	I. Roark	1/08/2006
D	YS06A04	2	3		pink	brown		qtz, clay, ferruginisation, silicifation	I. Roark	1/08/2006
D	YS06A04	3	4		pink	brown		qtz, clay, ferruginisation, silicifation	I. Roark	1/08/2006
D	YS06A04	4	5		pink	brown		qtz, clay, ferruginisation, silicifation, ?Mn	I. Roark	1/08/2006
D	YS06A04	5	6		pink	brown		qtz, clay, ferruginisation, silicifation	I. Roark	1/08/2006
D	YS06A04	6	7		red	brown		qtz, clay, ferruginisation, silicifation, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	7	8		red	brown		qtz, clay, ferruginisation, silicifation, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	8	9		red	brown		qtz, clay, ferruginisation, silicifation, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	9	10		red	brown		qtz, clay, ferruginisation, silicifation, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	10	11		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	11	12		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	12	13		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	13	14		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	14	15		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	15	16		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	16	17		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	17	18		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	18	19		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	19	20		yellow	brown		qtz, clay, limonitic, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	20	21		brown	yellow		qtz, clay, silicifation, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	21	22		brown	yellow		clay, silicifation, mica, feldspar	I. Roark	1/08/2006
D	YS06A04	22	23		brown	yellow		clay, silicifation, mica, qtz minor, pink massive fs	I. Roark	1/08/2006
D	YS06A04	23	24		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	24	25		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	25	26		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	26	27		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	27	28		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	28	29		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	29	30		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	30	31		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	31	32		brown	yellow		clay, qtz 10%, biotite, weathered feldspar	I. Roark	1/08/2006
D	YS06A04	32	33		green	brown		clay, qtz 10%, biotite, fresh? green feldspar	I. Roark	1/08/2006
D	YS06A04	33	34		green	brown		clay, qtz 10%, biotite, fresh? green feldspar	I. Roark	1/08/2006

H1000	Hole_ID	Depth_From	Depth_To	Lithology	Colour 1	Colour 2	Texture 1	Description	Logged by	Date logged
D	YS06A04	34	35		green	brown		qtz, clay, feldspar, mica, biotite	I. Roark	1/08/2006
D	YS06A04	35	36		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	36	37		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	37	38		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	38	39		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	39	40		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	40	41		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	41	42		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	42	43		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	43	44		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	44	45		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	45	46		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A04	46	47		black	brown		qtz 5-10% biotite 50% feldspar white 40%	I. Roark	1/08/2006
D	YS06A05	0	1		red	brown		Alluvium, clay, ferruginisation	I. Roark	1/08/2006
D	YS06A05	1	2		red	brown		qtz, clay, ferruginisation	I. Roark	1/08/2006
D	YS06A05	2	3		brown	white		qtz, clay, ferruginisation, silcrete	I. Roark	1/08/2006
D	YS06A05	3	4		brown	white		qtz, clay, ferruginisation	I. Roark	1/08/2006
D	YS06A05	4	5		brown	white		qtz, clay, ferruginisation	I. Roark	1/08/2006
D	YS06A05	5	6		brown	white		qtz, clay, feldspar, mica, feruginisation	I. Roark	1/08/2006
D	YS06A05	6	7		brown	white		qtz, clay, feldspar, mica, feruginisation	I. Roark	1/08/2006
D	YS06A05	7	8		brown	white		qtz, clay, feldspar, mica, feruginisation	I. Roark	1/08/2006
D	YS06A05	8	9		brown	white		qtz, clay, feldspar, mica, feruginisation	I. Roark	1/08/2006
D	YS06A05	9	10		brown	white		qtz, clay, feldspar, mica, feruginisation	I. Roark	1/08/2006
D	YS06A05	10	11		pink	brown		qtz, clay, feldspar, mica, silisification	I. Roark	1/08/2006
D	YS06A05	11	12		pink	brown		qtz, clay, feldspar, mica, silisification	I. Roark	1/08/2006
D	YS06A05	12	13		yellow	brown		qtz, clay, feldspar, mica, limonite, red siliceous zones	I. Roark	1/08/2006
D	YS06A05	13	14		yellow	brown		qtz, clay, feldspar, mica, limonite, red siliceous zones	I. Roark	1/08/2006
D	YS06A05	14	15		yellow	brown		qtz, clay, feldspar, mica, limonite, red siliceous zones	I. Roark	1/08/2006
D	YS06A05	15	16		yellow	brown		qtz, clay, feldspar, mica, limonite, red siliceous zones	I. Roark	1/08/2006
D	YS06A05	16	17		yellow	brown		qtz, clay, feldspar, mica, limonite, red siliceous zones	I. Roark	1/08/2006
D	YS06A05	17	18		yellow	red		qtz, clay, feldspar, mica, limonite, red siliceous zones	I. Roark	1/08/2006
D	YS06A05	18	19		green	brown		massive feldspar (pink), qtz, (hammer)	I. Roark	1/08/2006
D	YS06A05	19	20		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	20	21		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	21	22		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	22	23		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	23	24		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	24	25		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	25	26		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	26	27		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	27	28		green	brown		qtz, clay, feldspar, mica	I. Roark	1/08/2006
D	YS06A05	28	29		green	brown		qtz, clay, feldspar, mica, biotite	I. Roark	1/08/2006
D	YS06A05	29	30		green	brown		qtz, clay, feldspar, mica, biotite	I. Roark	1/08/2006
D	YS06A05	30	31		green	brown		qtz, clay, feldspar, mica, biotite	I. Roark	1/08/2006
D	YS06A05	31	32		green	brown		qtz, clay, feldspar, mica, biotite	I. Roark	1/08/2006
D	YS06A05	32	33		green	brown		qtz, clay, feldspar, mica, biotite	I. Roark	1/08/2006
D	YS06A05	33	34		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	34	35		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	35	36		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	36	37		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	37	38		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	38	39		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	39	40		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006
D	YS06A05	40	41		green	brown		qtz, clay, feldspar, biotite	I. Roark	1/08/2006

EOF

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30010	9	7286	-30.89	134.63	465177.5	6582512	283.72	236.24	121.73	120	161.98	54399.49	-0.04	3.2	0.74	-118.93	-38.45	0	0	-120	-35	5.3	3.58	2.55	1.71	0.97	0.46	0.17
D	30010	9	7286.2	-30.89	134.63	465164.1	6582513	283.67	236.16	122.17	120	161.51	54397.79	-0.05	3.19	0.79	-118.92	-38.45	0	0	-120	-35	5.35	3.71	2.71	1.86	1.09	0.53	0.2
D	30010	9	7286.4	-30.89	134.63	465150.7	6582513	283.61	236.02	122.47	120	161.14	54396.11	-0.07	3.18	0.8	-118.89	-38.42	0	0	-120	-35	5.39	3.83	2.85	2	1.2	0.61	0.24
D	30010	9	7286.6	-30.89	134.63	465137.3	6582513	283.54	235.84	122.69	120	160.85	54394.48	-0.08	3.17	0.73	-118.9	-38.39	0	0	-120	-35	5.4	3.91	2.96	2.11	1.3	0.68	0.28
D	30010	9	7286.8	-30.89	134.63	465123.9	6582513	283.46	235.64	122.87	120	160.59	54392.96	-0.09	3.16	0.56	-118.89	-38.34	0	0	-120	-35	5.39	3.96	3.05	2.21	1.39	0.75	0.32
D	30010	9	7287	-30.89	134.63	465110.5	6582513	283.38	235.46	123.02	120	160.37	54391.59	-0.1	3.16	0.3	-118.93	-38.3	0	0	-120	-35	5.36	3.98	3.1	2.29	1.47	0.81	0.36
D	30010	9	7287.2	-30.89	134.63	465097.1	6582513	283.31	235.31	123.1	120	160.21	54390.38	-0.11	3.16	0.08	-118.94	-38.26	0	0	-120	-35	5.32	3.97	3.13	2.34	1.54	0.87	0.4
D	30010	9	7287.4	-30.89	134.63	465083.7	6582513	283.25	235.18	123.1	120	160.15	54389.31	-0.12	3.15	-0.02	-118.98	-38.21	0	0	-120	-35	5.27	3.95	3.14	2.37	1.59	0.92	0.44
D	30010	9	7287.6	-30.89	134.63	465070.3	6582513	283.19	235.1	123.04	120	160.15	54388.37	-0.12	3.1	-0.08	-119.02	-38.16	0	0	-120	-35	5.22	3.92	3.13	2.39	1.63	0.97	0.47
D	30010	9	7287.8	-30.89	134.63	465057	6582513	283.13	235.07	122.93	120	160.2	54387.54	-0.13	3.03	-0.03	-119.06	-38.14	0	0	-120	-35	5.18	3.88	3.11	2.4	1.67	1.02	0.51
D	30010	9	7288	-30.89	134.63	465043.6	6582513	283.08	235.05	122.84	120	160.24	54386.82	-0.13	2.97	0.12	-119.13	-38.11	0	0	-120	-35	5.15	3.84	3.09	2.41	1.7	1.06	0.55
D	30010	9	7288.2	-30.89	134.63	465030.2	6582513	283.02	235.02	122.74	120	160.28	54386.28	-0.13	2.93	0.23	-119.19	-38.12	0	0	-120	-35	5.11	3.8	3.06	2.41	1.72	1.09	0.58
D	30010	9	7288.4	-30.89	134.63	465016.8	6582513	282.97	234.95	122.6	120	160.37	54385.97	-0.13	2.88	0.29	-119.21	-38.1	0	0	-120	-35	5.08	3.76	3.03	2.4	1.74	1.13	0.61
D	30010	9	7288.6	-30.89	134.63	465003.4	6582513	282.93	234.78	122.36	120	160.57	54385.85	-0.13	2.85	0.57	-119.26	-38.12	0	0	-120	-35	5.04	3.72	3	2.39	1.76	1.16	0.65
D	30010	9	7288.8	-30.89	134.63	464990	6582513	282.91	234.56	122.02	120	160.89	54385.79	-0.12	2.81	1.13	-119.28	-38.1	0	0	-120	-35	5.01	3.68	2.97	2.38	1.77	1.19	0.68
D	30010	9	7289	-30.89	134.63	464976.6	6582513	282.93	234.42	121.68	120	161.25	54385.72	-0.12	2.75	1.53	-119.29	-38.1	0	0	-120	-35	4.97	3.65	2.95	2.38	1.79	1.22	0.71
D	30010	9	7289.2	-30.89	134.63	464963.2	6582513	282.99	234.37	121.42	120	161.57	54385.67	-0.11	2.66	1.44	-119.28	-38.11	0	0	-120	-35	4.95	3.62	2.94	2.38	1.8	1.24	0.74
D	30010	9	7289.4	-30.89	134.63	464949.8	6582513	283.09	234.49	121.31	120	161.77	54385.77	-0.11	2.56	1.03	-119.26	-38.11	0	0	-120	-35	4.93	3.61	2.93	2.38	1.82	1.27	0.77
D	30010	9	7289.6	-30.89	134.63	464936.3	6582512	283.19	234.74	121.4	120	161.79	54386.03	-0.11	2.43	0.71	-119.21	-38.11	0	0	-120	-35	4.93	3.6	2.93	2.38	1.83	1.3	0.8
D	30010	9	7289.8	-30.89	134.63	464922.9	6582512	283.3	235.03	121.62	120	161.68	54386.4	-0.1	2.28	0.5	-119.2	-38.07	0	0	-120	-35	4.92	3.6	2.93	2.39	1.85	1.32	0.83
D	30010	9	7290	-30.89	134.63	464909.5	6582512	283.38	235.32	121.94	120	161.44	54386.72	-0.1	2.18	0.42	-119.17	-38.05	0	0	-120	-35	4.92	3.61	2.94	2.39	1.86	1.34	0.85
D	30010	9	7290.2	-30.89	134.63	464896	6582512	283.44	235.59	122.33	120	161.12	54386.99	-0.09	2.11	0.25	-119.14	-37.99	0	0	-120	-35	4.9	3.6	2.94	2.39	1.86	1.35	0.87
D	30010	9	7290.4	-30.89	134.63	464882.6	6582512	283.48	235.81	122.73	120	160.75	54387.26	-0.09	2.07	-0.04	-119.13	-37.86	0	0	-120	-35	4.88	3.6	2.93	2.39	1.86	1.36	0.89
D	30010	9	7290.6	-30.89	134.63	464869.2	6582512	283.49	235.93	123.19	120	160.3	54387.61	-0.08	2.05	-0.33	-119.12	-37.75	0	0	-120	-35	4.86	3.6	2.93	2.38	1.86	1.37	0.9
D	30010	9	7290.8	-30.89	134.63	464855.7	6582512	283.47	235.92	123.69	120	159.78	54388.04	-0.08	2.03	-0.44	-119.11	-37.63	0	0	-120	-35	4.84	3.59	2.92	2.38	1.86	1.37	0.91
D	30010	9	7291	-30.89	134.63	464842.3	6582511	283.42	235.78	124.22	120	159.2	54388.45	-0.08	2	-0.31	-119.14	-37.49	0	0	-120	-35	4.82	3.6	2.93	2.38	1.86	1.38	0.92
D	30010	9	7291.2	-30.89	134.63	464828.8	6582511	283.33	235.54	124.74	120	158.59	54388.8	-0.07	1.99	-0.14	-119.18	-37.3	0	0	-120	-35	4.82	3.61	2.94	2.39	1.87	1.38	0.93
D	30010	9	7291.4	-30.89	134.63	464815.4	6582511	283.21	235.29	125.2	120	158.02	54389.08	-0.07	2.01	-0.09	-119.23	-37.14	0	0	-120	-35	4.83	3.63	2.96	2.41	1.88	1.39	0.94
D	30010	9	7291.6	-30.89	134.63	464801.9	6582511	283.08	235.12	125.54	120	157.54	54389.33	-0.07	2.04	-0.19	-119.3	-37.01	0	0	-120	-35	4.85	3.66	2.99	2.43	1.9	1.41	0.95
D	30010	9	7291.8	-30.89	134.63	464788.4	6582510	282.94	235.01	125.76	120	157.18	54389.59	-0.07	2.08	-0.34	-119.36	-36.88	0	0	-120	-35	4.87	3.69	3.02	2.46	1.92	1.43	0.97
D	30010	9	7292	-30.89	134.63	464774.9	6582510	282.83	234.96	125.86	120	156.96	54389.87	-0.07	2.11	-0.51	-119.45	-36.77	0	0	-120	-35	4.89	3.73	3.06	2.49	1.95	1.44	0.98
D	30010	9	7292.2	-30.89	134.63	464761.5	6582510	282.72	234.94	125.87	120	156.85	54390.16	-0.06	2.1	-0.57	-119.54	-36.71	0	0	-120	-35	4.9	3.76	3.09	2.52	1.97	1.46	1
D	30010	9	7292.4	-30.89	134.63	464748	6582510	282.64	234.93	125.85	120	156.78	54390.41	-0.06	2.08	-0.49	-119.64	-36.63	0	0	-120	-35	4.91	3.78	3.12	2.55	1.99	1.48	1.01
D	30010	9	7292.6	-30.89	134.63	464734.5	6582509	282.58	234.93	125.87	120	156.72	54390.66	-0.06	2.07	-0.38	-119.73	-36.64	0	0	-120	-35	4.91	3.8	3.15	2.57	2.01	1.49	1.02
D	30010	9	7292.8	-30.89	134.63	464721	6582509	282.58	234.97	125.94	120	156.63	54390.9	-0.06	2.07	-0.27	-119.8	-36.65	0	0	-120	-35	4.91	3.82	3.17	2.59	2.03	1.51	1.04
D	30010	9	7293	-30.89	134.63	464707.5	6582509	282.63	235.04	126.13	120	156.49	54391.09	-0.06	2.05	-0.22	-119.86	-36.73	0	0	-120	-35	4.91	3.83	3.19	2.61	2.04	1.52	1.05
D	30010	9	7293.2	-30.89	134.63	464694	6582508	282.75	235.11	126.43	120	156.32	54391.16	-0.06	1.97	-0.26	-119.87	-36.87	0	0	-120	-35	4.9	3.83	3.2	2.62	2.05	1.53	1.06
D	30010	9	7293.4	-30.89	134.63	464680.4	6582508	282.93	235.23	126.82	120	156.1	54391.08	-0.07	1.78	-0.4	-119.86	-36.97	0	0	-120	-35	4.89	3.82	3.2	2.62	2.06	1.54	1.06
D	30010	9	7293.6	-30.89	134.63	464666.9	6582507	283.14	235.39	127.27	120	155.86	54390.95	-0.07	1.48	-0.61	-119.8	-37.12	0	0	-120	-35	4.86	3.8	3.18	2.61	2.06	1.54	1.06
D	30010	9	7293.8	-30.89	134.63	464653.3	6582507	283.35	235.59	127.69	120	155.66	54390.83	-0.07	1.14	-0.92	-119.74	-37.21	0	0	-120	-35	4.82	3.76	3.16	2.59	2.04	1.53	1.06
D	30010	9	7294	-30.89	134.63	464639.8	6582507	283.53	235.84	128.02	120	155.51	54390.77	-0.08	0.82	-1.21	-119.62	-37.25	0	0	-120	-35	4.77	3.72	3.12	2.57	2.02	1.52	1.05
D	30010	9	7294.2	-30.89	134.62	464626.2	6582506	283.68	236.09	128.22	120	155.46	54390.71	-0.09	0.53	-1.27	-119.55	-37.26	0	0	-120	-35	4.71	3.67	3.08	2.54	2	1.5	1.03
D	30010	9	7294.4	-30.89	134.62	464612.7	6582506	283.8	236.3	128.29	120	155.52	54390.63	-0.09	0.29	-1.1	-119.46	-37.24	0	0	-120	-35	4.66	3.63	3.04	2.51	1.98	1.48	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30010	9	7302.4	-30.89	134.62	464061	6582492	276.43	229.44	121.78	120	154.65	54442.53	-0.01	1.83	-1.13	-120.89	-34.45	0	0	-120	-35	5.4	4.08	3.28	2.47	1.61	0.83	0.29
D	30010	9	7302.6	-30.89	134.62	464047	6582491	276.34	229.43	121.74	120	154.6	54444.47	-0.01	1.94	-0.71	-120.74	-34.83	0	0	-120	-35	5.41	4.05	3.23	2.4	1.53	0.76	0.25
D	30010	9	7302.8	-30.89	134.62	464033	6582491	276.29	229.47	121.69	120	154.6	54446.45	-0.01	2.04	-0.23	-120.58	-35.2	0	0	-120	-35	5.41	4	3.17	2.31	1.44	0.69	0.21
D	30010	9	7303	-30.89	134.62	464019.1	6582491	276.3	229.53	121.59	120	154.71	54448.48	0	2.11	0.16	-120.4	-35.58	0	0	-120	-35	5.39	3.93	3.08	2.21	1.34	0.62	0.18
D	30010	9	7303.2	-30.89	134.62	464005.1	6582491	276.36	229.6	121.42	120	154.95	54450.57	0	2.14	0.47	-120.24	-36	0	0	-120	-35	5.36	3.84	2.97	2.09	1.23	0.55	0.15
D	30010	9	7303.4	-30.89	134.62	463991.1	6582491	276.48	229.69	121.2	120	155.28	54452.73	0.01	2.11	0.76	-120.06	-36.38	0	0	-120	-35	5.3	3.74	2.84	1.96	1.12	0.48	0.12
D	30010	9	7303.6	-30.89	134.62	463977.1	6582491	276.63	229.82	121.03	120	155.6	54454.99	0.02	1.96	0.89	-119.9	-36.74	0	0	-120	-35	5.23	3.61	2.7	1.82	1	0.41	0.1
D	30010	9	7303.8	-30.89	134.62	463963.1	6582491	276.79	229.99	121.03	120	155.76	54457.38	0.03	1.74	0.87	-119.71	-37.06	0	0	-120	-35	5.14	3.47	2.54	1.68	0.89	0.35	0.08
D	30010	9	7304	-30.89	134.62	463949.1	6582491	276.95	230.17	121.27	120	155.67	54459.92	0.04	1.5	1.1	-119.58	-37.35	0	0	-120	-35	5.03	3.32	2.38	1.53	0.79	0.3	0.07
D	30010	9	7304.2	-30.89	134.62	463935.1	6582491	277.1	230.3	121.79	120	155.31	54462.57	0.06	1.28	1.66	-119.43	-37.56	0	0	-120	-35	4.9	3.16	2.22	1.4	0.71	0.26	0.06
D	30010	9	7304.4	-30.89	134.62	463921.1	6582491	277.24	230.32	122.54	120	154.7	54465.24	0.08	1.17	2.43	-119.3	-37.7	0	0	-120	-35	4.76	2.99	2.06	1.28	0.63	0.24	0.06
D	30010	9	7304.6	-30.89	134.62	463907.1	6582491	277.38	230.3	123.41	120	153.98	54467.81	0.09	1.05	3.17	-119.21	-37.73	0	0	-120	-35	4.6	2.81	1.9	1.16	0.57	0.22	0.07
D	30010	9	7304.8	-30.89	134.62	463893.1	6582491	277.52	230.29	124.27	120	153.26	54470.18	0.11	0.9	3.77	-119.13	-37.71	0	0	-120	-35	4.43	2.63	1.74	1.06	0.51	0.21	0.07
D	30010	9	7305	-30.89	134.62	463879	6582492	277.67	230.32	124.98	120	152.69	54472.33	0.12	0.77	4.17	-119.09	-37.58	0	0	-120	-35	4.24	2.45	1.6	0.96	0.47	0.2	0.08
D	30010	9	7305.2	-30.89	134.62	463865	6582492	277.82	230.39	125.47	120	152.36	54474.28	0.13	0.7	4.31	-119.09	-37.37	0	0	-120	-35	4.04	2.27	1.46	0.88	0.44	0.2	0.09
D	30010	9	7305.4	-30.89	134.62	463851	6582492	277.98	230.47	125.73	120	152.25	54476.08	0.14	0.71	4.23	-119.08	-37.07	0	0	-120	-35	3.84	2.1	1.33	0.8	0.41	0.2	0.1
D	30010	9	7305.6	-30.89	134.62	463837	6582492	278.14	230.52	125.8	120	152.33	54477.7	0.15	0.76	4.2	-119.13	-36.73	0	0	-120	-35	3.65	1.93	1.21	0.73	0.39	0.2	0.11
D	30010	9	7305.8	-30.89	134.62	463822.9	6582493	278.3	230.56	125.76	120	152.54	54479.08	0.15	0.86	4.2	-119.19	-36.28	0	0	-120	-35	3.46	1.78	1.11	0.67	0.37	0.2	0.11
D	30010	9	7306	-30.89	134.62	463808.9	6582493	278.48	230.58	125.65	120	152.82	54480.2	0.15	1	4.15	-119.31	-35.83	0	0	-120	-35	3.28	1.64	1.01	0.62	0.35	0.19	0.11
D	30010	9	7306.2	-30.89	134.62	463794.8	6582493	278.66	230.58	125.53	120	153.13	54481.1	0.15	1.16	4.03	-119.47	-35.39	0	0	-120	-35	3.12	1.52	0.93	0.57	0.32	0.18	0.11
D	30010	9	7306.4	-30.89	134.62	463780.8	6582493	278.85	230.58	125.44	120	153.41	54481.82	0.15	1.26	3.81	-119.64	-34.93	0	0	-120	-35	2.95	1.4	0.85	0.52	0.3	0.17	0.11
D	30010	9	7306.6	-30.89	134.62	463766.8	6582494	279.05	230.55	125.45	120	153.6	54482.32	0.15	1.33	3.54	-119.87	-34.5	0	0	-120	-35	2.79	1.3	0.78	0.48	0.28	0.16	0.1
D	30010	9	7306.8	-30.89	134.62	463752.7	6582494	279.26	230.57	125.59	120	153.67	54482.55	0.14	1.43	3.14	-120.09	-34.06	0	0	-120	-35	2.64	1.2	0.71	0.44	0.26	0.15	0.09
D	30010	9	7307	-30.89	134.62	463738.7	6582495	279.48	230.79	125.86	120	153.61	54482.55	0.13	1.53	2.5	-120.32	-33.67	0	0	-120	-35	2.49	1.1	0.64	0.4	0.24	0.14	0.09
D	30010	9	7307.2	-30.89	134.62	463724.7	6582495	279.71	231.19	126.27	120	153.44	54482.42	0.12	1.6	1.8	-120.54	-33.28	0	0	-120	-35	2.36	1.01	0.58	0.36	0.22	0.13	0.08
D	30010	9	7307.4	-30.89	134.62	463710.6	6582495	279.94	231.79	126.77	120	153.17	54482.24	0.11	1.62	1.01	-120.77	-32.95	0	0	-120	-35	2.24	0.92	0.53	0.33	0.2	0.12	0.08
D	30010	9	7307.6	-30.89	134.62	463696.6	6582496	280.17	232.47	127.33	120	152.84	54482.05	0.1	1.57	0.16	-120.95	-32.64	0	0	-120	-35	2.14	0.84	0.47	0.29	0.18	0.11	0.08
D	30010	9	7307.8	-30.89	134.62	463682.6	6582496	280.38	233.02	127.91	120	152.47	54481.86	0.1	1.5	-0.48	-121.14	-32.4	0	0	-120	-35	2.06	0.78	0.43	0.26	0.16	0.1	0.07
D	30010	9	7308	-30.89	134.61	463668.6	6582496	280.56	233.39	128.44	120	152.12	54481.68	0.09	1.45	-0.88	-121.27	-32.17	0	0	-120	-35	2	0.72	0.39	0.24	0.15	0.1	0.07
D	30010	9	7308.2	-30.89	134.61	463654.6	6582497	280.69	233.61	128.89	120	151.8	54481.5	0.08	1.4	-1.08	-121.41	-31.98	0	0	-120	-35	1.97	0.67	0.36	0.21	0.14	0.09	0.06
D	30010	9	7308.4	-30.89	134.61	463640.6	6582497	280.79	233.73	129.24	120	151.56	54481.3	0.08	1.31	-1.22	-121.5	-31.83	0	0	-120	-35	1.95	0.64	0.33	0.2	0.13	0.08	0.06
D	30010	9	7308.6	-30.89	134.61	463626.6	6582497	280.85	233.83	129.47	120	151.38	54481.08	0.07	1.2	-1.31	-121.57	-31.7	0	0	-120	-35	1.94	0.61	0.31	0.18	0.11	0.08	0.06
D	30010	9	7308.8	-30.89	134.61	463612.6	6582497	280.87	233.91	129.56	120	151.31	54480.87	0.07	1.11	-1.24	-121.64	-31.56	0	0	-120	-35	1.94	0.59	0.29	0.16	0.1	0.07	0.05
D	30010	9	7309	-30.89	134.61	463598.6	6582498	280.83	233.94	129.48	120	151.35	54480.75	0.07	1.03	-1.07	-121.67	-31.46	0	0	-120	-35	1.94	0.57	0.28	0.15	0.1	0.07	0.05
D	30010	9	7309.2	-30.89	134.61	463584.6	6582498	280.73	233.83	129.27	120	151.46	54480.77	0.07	1.01	-0.77	-121.75	-31.35	0	0	-120	-35	1.94	0.56	0.27	0.14	0.09	0.06	0.04
D	30010	9	7309.4	-30.89	134.61	463570.6	6582498	280.58	233.62	128.96	120	151.62	54480.86	0.07	1.02	-0.18	-121.77	-31.26	0	0	-120	-35	1.95	0.55	0.26	0.13	0.08	0.05	0.04
D	30010	9	7309.6	-30.89	134.61	463556.6	6582499	280.41	233.31	128.68	120	151.72	54480.97	0.07	1.02	0.42	-121.8	-31.19	0	0	-120	-35	1.96	0.56	0.25	0.12	0.07	0.05	0.04
D	30010	9	7309.8	-30.89	134.61	463542.6	6582499	280.23	232.89	128.57	120	151.66	54481.04	0.07	1.02	0.8	-121.81	-31.15	0	0	-120	-35	1.99	0.57	0.25	0.11	0.07	0.05	0.03
D	30010	9	7310	-30.89	134.61	463528.6	6582499	280.07	232.46	128.64	120	151.42	54481.05	0.07	0.99	0.85	-121.79	-31.17	0	0	-120	-35	2.03	0.59	0.25	0.11	0.06	0.04	0.03
D	30010	9	7310.2	-30.89	134.61	463514.5	6582499	279.93	232.06	128.92	120	151.01	54481.02	0.07	0.89	0.63	-121.81	-31.27	0	0	-120	-35	2.09	0.62	0.26	0.11	0.06	0.04	0.03
D	30010	9	7310.4	-30.89	134.61	463500.5	6582500	279.82	231.73	129.31	120	150.51	54480.95	0.07	0.77	0.26	-121.76	-31.43	0	0	-120	-35	2.17	0.66	0.28	0.12	0.07	0.04	0.03
D	30010	9	7310.6	-30.89	134.61	463486.5	6582500	279.72	231.59	129.69	120	150.02	54480.9	0.07	0.61	-0.15	-121.72	-31.63	0	0	-120	-35	2.26	0.71	0.3	0.13	0.07	0.05	0.03
D	30010	9	7310.8	-30.89	134.61	463472.5	6582500	279.62	231.54	130.02	120	149.6	54480.91	0.08	0.41	-0.45	-121.63	-31.87	0	0	-120	-35	2.35	0.76	0.33	0.15	0.08	0.05	0.03
D																													

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D		30010	9	7318.8	-30.89	134.61	462911.8	6582507	262.92	215.19	119.08	120	143.84	54436.83	-0.06	1.08	0.53	-120.25	-35.38	0	0	-120	-35	5.88	4.55	3.94	3.46	2.97	2.48	1.95
D		30010	9	7319	-30.89	134.61	462897.8	6582507	262.67	215.02	118.72	120	143.96	54437.6	-0.05	1.14	0.57	-120.14	-35.55	0	0	-120	-35	5.94	4.64	4.06	3.61	3.14	2.66	2.13
D		30010	9	7319.2	-30.89	134.61	462883.7	6582507	262.44	214.89	118.3	120	144.13	54438.35	-0.04	1.18	0.55	-120.06	-35.66	0	0	-120	-35	5.97	4.7	4.15	3.72	3.28	2.82	2.29
D		30010	9	7319.4	-30.89	134.61	462869.7	6582507	262.21	214.77	117.88	120	144.32	54439.18	-0.02	1.24	0.52	-119.97	-35.68	0	0	-120	-35	5.97	4.73	4.2	3.8	3.38	2.94	2.43
D		30010	9	7319.6	-30.89	134.61	462855.7	6582508	261.97	214.68	117.56	120	144.42	54440.05	-0.01	1.31	0.64	-119.93	-35.66	0	0	-120	-35	5.95	4.74	4.23	3.84	3.45	3.03	2.53
D		30010	9	7319.8	-30.89	134.61	462841.7	6582508	261.72	214.59	117.33	120	144.39	54440.88	-0.01	1.35	1.03	-119.91	-35.54	0	0	-120	-35	5.91	4.72	4.22	3.85	3.48	3.08	2.61
D		30010	9	7320	-30.89	134.61	462827.8	6582508	261.43	214.43	117.25	120	144.18	54441.51	0	1.38	1.63	-119.92	-35.4	0	0	-120	-35	5.86	4.7	4.21	3.85	3.49	3.11	2.65
D		30010	9	7320.2	-30.89	134.61	462813.8	6582508	261.12	214.12	117.3	120	143.82	54441.99	0.01	1.42	1.94	-119.94	-35.19	0	0	-120	-35	5.82	4.68	4.2	3.84	3.49	3.12	2.68
D		30010	9	7320.4	-30.89	134.61	462799.8	6582509	260.78	213.68	117.39	120	143.38	54442.36	0.01	1.51	2.19	-120.01	-35	0	0	-120	-35	5.8	4.68	4.19	3.84	3.49	3.13	2.7
D		30010	9	7320.6	-30.89	134.61	462785.8	6582509	260.42	213.15	117.44	120	142.97	54442.67	0.01	1.62	2.31	-120.07	-34.76	0	0	-120	-35	5.81	4.69	4.21	3.85	3.5	3.14	2.72
D		30010	9	7320.8	-30.89	134.61	462771.9	6582509	260.06	212.57	117.4	120	142.66	54442.85	0.01	1.73	2.37	-120.22	-34.54	0	0	-120	-35	5.85	4.73	4.24	3.88	3.51	3.15	2.73
D		30010	9	7321	-30.89	134.61	462757.9	6582509	259.71	211.98	117.24	120	142.47	54442.84	0.01	1.85	2.38	-120.36	-34.31	0	0	-120	-35	5.9	4.78	4.29	3.92	3.54	3.17	2.74
D		30010	9	7321.2	-30.89	134.61	462744	6582510	259.37	211.4	116.98	120	142.39	54442.69	0.01	1.92	2.26	-120.52	-34.11	0	0	-120	-35	5.96	4.84	4.34	3.96	3.57	3.18	2.75
D		30010	9	7321.4	-30.89	134.61	462730	6582510	259.05	210.84	116.71	120	142.34	54442.53	0.01	2.03	1.92	-120.71	-33.93	0	0	-120	-35	6.01	4.89	4.39	4	3.6	3.2	2.76
D		30010	9	7321.6	-30.89	134.6	462716.1	6582510	258.75	210.32	116.48	120	142.27	54442.36	0.01	2.14	1.6	-120.89	-33.78	0	0	-120	-35	6.07	4.95	4.44	4.04	3.63	3.22	2.78
D		30010	9	7321.8	-30.89	134.6	462702.2	6582511	258.46	209.9	116.3	120	142.16	54442.11	0.01	2.25	1.17	-121.05	-33.65	0	0	-120	-35	6.12	5	4.5	4.08	3.66	3.24	2.79
D		30010	9	7322	-30.89	134.6	462688.3	6582511	258.18	209.57	116.17	120	142.01	54441.75	0.01	2.32	0.49	-121.2	-33.52	0	0	-120	-35	6.17	5.06	4.55	4.13	3.69	3.26	2.81
D		30010	9	7322.2	-30.89	134.6	462674.4	6582511	257.91	209.29	116.06	120	141.85	54441.32	0	2.4	-0.4	-121.33	-33.46	0	0	-120	-35	6.22	5.11	4.6	4.17	3.72	3.28	2.82
D		30010	9	7322.4	-30.89	134.6	462660.5	6582511	257.66	209.03	115.94	120	141.72	54440.9	0	2.49	-1.38	-121.43	-33.4	0	0	-120	-35	6.27	5.16	4.65	4.21	3.75	3.3	2.84
D		30010	9	7322.6	-30.89	134.6	462646.6	6582512	257.45	208.76	115.84	120	141.61	54440.49	0	2.58	-2.41	-121.5	-33.36	0	0	-120	-35	6.31	5.21	4.69	4.24	3.78	3.32	2.85
D		30010	9	7322.8	-30.89	134.6	462632.7	6582512	257.28	208.51	115.77	120	141.51	54440.03	-0.01	2.67	-3.67	-121.55	-33.39	0	0	-120	-35	6.34	5.25	4.73	4.28	3.8	3.34	2.86
D		30010	9	7323	-30.89	134.6	462618.8	6582512	257.17	208.28	115.74	120	141.43	54439.47	-0.01	2.71	-5.26	-121.58	-33.52	0	0	-120	-35	6.37	5.28	4.76	4.3	3.82	3.35	2.87
D		30010	9	7323.2	-30.89	134.6	462605	6582512	257.12	208.13	115.77	120	141.35	54438.81	-0.01	2.71	-7.05	-121.56	-33.71	0	0	-120	-35	6.38	5.3	4.78	4.32	3.84	3.36	2.88
D		30010	9	7323.4	-30.89	134.6	462591.2	6582512	257.13	208.06	115.86	120	141.27	54438.15	-0.02	2.68	-8.85	-121.51	-34.06	0	0	-120	-35	6.39	5.32	4.79	4.34	3.85	3.37	2.89
D		30010	9	7323.6	-30.89	134.6	462577.3	6582512	257.2	208.07	115.99	120	141.21	54437.63	-0.02	10.27	-121.43	-34.59	0	0	-120	-35	6.4	5.34	4.81	4.35	3.87	3.38	2.89	
D		30010	9	7323.8	-30.89	134.6	462563.5	6582511	257.34	208.2	116.16	120	141.18	54437.27	-0.02	10.93	-121.25	-35.24	0	0	-120	-35	6.42	5.35	4.83	4.37	3.88	3.4	2.9	
D		30010	9	7324	-30.89	134.6	462549.7	6582511	257.54	208.41	116.31	120	141.23	54436.96	-0.03	10.75	-121.02	-36.07	0	0	-120	-35	6.44	5.38	4.85	4.39	3.9	3.41	2.91	
D		30010	9	7324.2	-30.89	134.6	462535.9	6582510	257.81	208.77	116.43	120	141.38	54436.53	-0.03	10.06	-120.73	-36.98	0	0	-120	-35	6.48	5.4	4.88	4.41	3.92	3.43	2.93	
D		30010	9	7324.4	-30.89	134.6	462522.1	6582510	258.14	209.29	116.56	120	141.59	54435.93	-0.04	1.76	-9.12	-120.41	-37.9	0	0	-120	-35	6.53	5.44	4.91	4.44	3.95	3.45	2.95
D		30010	9	7324.6	-30.89	134.6	462508.2	6582509	258.5	209.94	116.67	120	141.83	54435.25	-0.04	1.59	-8.23	-120.07	-38.75	0	0	-120	-35	6.57	5.46	4.93	4.47	3.97	3.47	2.97
D		30010	9	7324.8	-30.89	134.6	462494.4	6582508	258.85	210.7	116.82	120	142.04	54434.67	-0.05	1.48	-7.52	-119.76	-39.48	0	0	-120	-35	6.6	5.47	4.94	4.47	3.98	3.48	2.97
D		30010	9	7325	-30.89	134.6	462480.7	6582508	259.17	211.47	117.03	120	142.14	54434.17	-0.05	1.37	-6.55	-119.5	-40.03	0	0	-120	-35	6.58	5.44	4.91	4.44	3.95	3.46	2.95
D		30010	9	7325.2	-30.89	134.6	462466.9	6582507	259.44	212.16	117.27	120	142.18	54433.75	-0.06	1.27	-5.33	-119.29	-40.41	0	0	-120	-35	6.51	5.36	4.83	4.37	3.88	3.4	2.9
D		30010	9	7325.4	-30.89	134.6	462453.1	6582506	259.67	212.76	117.51	120	142.16	54433.4	-0.06	1.22	-4.02	-119.16	-40.59	0	0	-120	-35	6.39	5.24	4.71	4.25	3.78	3.3	2.81
D		30010	9	7325.6	-30.89	134.6	462439.3	6582505	259.87	213.19	117.75	120	142.12	54433.16	-0.06	1.22	-2.74	-119.12	-40.64	0	0	-120	-35	6.23	5.09	4.57	4.12	3.65	3.18	2.7
D		30010	9	7325.8	-30.89	134.6	462425.6	6582504	260.03	213.46	117.93	120	142.11	54433.04	-0.06	1.23	-1.42	-119.14	-40.57	0	0	-120	-35	6.07	4.93	4.41	3.97	3.51	3.05	2.58
D		30010	9	7326	-30.89	134.6	462411.8	6582503	260.18	213.6	118.05	120	142.14	54432.96	-0.07	1.21	-0.31	-119.17	-40.39	0	0	-120	-35	5.91	4.78	4.26	3.83	3.38	2.92	2.46
D		30010	9	7326.2	-30.89	134.6	462398	6582502	260.32	213.6	118.1	120	142.22	54432.95	-0.07	1.26	0.52	-119.29	-40.13	0	0	-120	-35	5.78	4.65	4.14	3.71	3.26	2.82	2.35
D		30010	9	7326.4	-30.89	134.6	462384.3	6582501	260.44	213.59	118.05	120	142.39	54432.98	-0.07	1.36	1.21	-119.42	-39.84	0	0	-120	-35	5.68	4.55	4.04	3.61	3.17	2.72	2.26
D		30010	9	7326.6	-30.89	134.6	462370.5	6582501	260.54	213.66	117.89	120	142.65	54433.08	-0.07	1.37	1.57	-119.55	-39.51	0	0	-120	-35	5.6	4.46	3.95	3.53	3.08	2.63	2.17
D		30010	9	7326.8	-30.89	134.6	462356.8	6582500	260.64	213.78	117.66	120	142.99	54433.22	-0.07	1.29	1.58	-119.74	-39.09	0	0	-120	-35	5.55	4.4	3.89	3.46	3.01	2.56	2.09
D		30010	9	7327	-30.89	134.6	462343	6582499	260.75	213.98	117.44	120	143.31	54433.5	-0.07	1.2	1.31	-119.92	-38.67	0	0	-120	-35	5.5	4.35	3.83	3.4	2.94	2.49	2.01
D		30010	9	7327.2	-30.89	134.6	462329.2	6582498	260.86	214.2	117.34	120	143.51	54433.96	-0.07															

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30020	9	7176	-30.89	134.6	462008.5	6581498	265.74	217.48	126.03	120	139.71	54545.59	0.15	2.04	0.56	-120.72	-34.52	0	0	-120	-35	4.39	2.69	1.85	1.21	0.7	0.36	0.15
D	30020	9	7176.2	-30.89	134.6	462021.4	6581498	265.86	217.82	125.92	120	139.94	54544.39	0.14	1.96	0.43	-120.73	-34.5	0	0	-120	-35	4.42	2.8	1.99	1.34	0.82	0.44	0.2
D	30020	9	7176.4	-30.89	134.6	462034.3	6581498	265.98	218.29	125.86	120	140.11	54543.08	0.13	1.86	0.05	-120.76	-34.51	0	0	-120	-35	4.45	2.92	2.14	1.5	0.96	0.55	0.26
D	30020	9	7176.6	-30.89	134.6	462047.3	6581498	266.08	218.78	125.88	120	140.2	54541.75	0.12	1.77	-0.44	-120.75	-34.51	0	0	-120	-35	4.5	3.07	2.32	1.69	1.13	0.68	0.34
D	30020	9	7176.8	-30.89	134.6	462060.2	6581498	266.15	219.12	125.95	120	140.21	54540.47	0.11	1.73	-1.02	-120.73	-34.55	0	0	-120	-35	4.58	3.25	2.54	1.91	1.33	0.83	0.44
D	30020	9	7177	-30.89	134.6	462073.1	6581499	266.18	219.24	126.05	120	140.13	54539.3	0.1	1.79	-1.38	-120.73	-34.59	0	0	-120	-35	4.7	3.46	2.79	2.16	1.56	1.01	0.56
D	30020	9	7177.2	-30.89	134.6	462086	6581499	266.15	219.21	126.16	120	139.98	54538.2	0.09	1.93	-1.39	-120.7	-34.59	0	0	-120	-35	4.85	3.7	3.06	2.44	1.81	1.21	0.7
D	30020	9	7177.4	-30.89	134.6	462098.9	6581499	266.07	219.09	126.24	120	139.83	54537.14	0.09	2.09	-1.18	-120.69	-34.67	0	0	-120	-35	5.02	3.95	3.34	2.73	2.08	1.43	0.85
D	30020	9	7177.6	-30.89	134.6	462111.8	6581499	265.97	219	126.29	120	139.68	54536.07	0.09	2.22	-0.85	-120.65	-34.73	0	0	-120	-35	5.2	4.19	3.61	3.01	2.35	1.66	1.01
D	30020	9	7177.8	-30.89	134.6	462124.7	6581500	265.87	218.99	126.27	120	139.6	54534.99	0.08	2.3	-0.37	-120.62	-34.82	0	0	-120	-35	5.35	4.41	3.86	3.27	2.6	1.87	1.17
D	30020	9	7178	-30.89	134.6	462137.6	6581500	265.81	218.98	126.19	120	139.62	54533.86	0.08	2.31	0.2	-120.57	-34.97	0	0	-120	-35	5.46	4.58	4.06	3.5	2.83	2.08	1.33
D	30020	9	7178.2	-30.89	134.6	462150.5	6581500	265.79	218.96	126.05	120	139.74	54532.66	0.07	2.21	0.72	-120.55	-35.15	0	0	-120	-35	5.54	4.72	4.23	3.68	3.02	2.26	1.48
D	30020	9	7178.4	-30.89	134.6	462163.4	6581500	265.8	218.93	125.87	120	139.93	54531.4	0.07	2.04	1.14	-120.52	-35.33	0	0	-120	-35	5.59	4.82	4.35	3.83	3.18	2.42	1.62
D	30020	9	7178.6	-30.89	134.6	462176.2	6581500	265.84	218.86	125.7	120	140.14	54530.13	0.07	1.83	1.45	-120.48	-35.52	0	0	-120	-35	5.61	4.88	4.44	3.94	3.31	2.56	1.75
D	30020	9	7178.8	-30.89	134.6	462189.1	6581501	265.88	218.78	125.53	120	140.34	54528.88	0.06	1.62	1.61	-120.41	-35.68	0	0	-120	-35	5.63	4.92	4.5	4.02	3.41	2.68	1.86
D	30020	9	7179	-30.89	134.6	462202	6581501	265.91	218.74	125.44	120	140.46	54527.66	0.06	1.41	1.67	-120.34	-35.85	0	0	-120	-35	5.64	4.95	4.54	4.08	3.49	2.77	1.95
D	30020	9	7179.2	-30.89	134.6	462214.9	6581501	265.93	218.71	125.45	120	140.49	54526.39	0.05	1.27	1.88	-120.29	-35.99	0	0	-120	-35	5.66	4.97	4.56	4.12	3.55	2.84	2.02
D	30020	9	7179.4	-30.89	134.6	462227.8	6581501	265.95	218.7	125.52	120	140.43	54525.05	0.05	1.19	2.11	-120.23	-36.06	0	0	-120	-35	5.68	4.99	4.58	4.14	3.58	2.88	2.08
D	30020	9	7179.6	-30.89	134.6	462240.7	6581501	265.95	218.7	125.63	120	140.32	54523.67	0.04	1.11	2.14	-120.16	-36.08	0	0	-120	-35	5.7	4.99	4.58	4.15	3.6	2.91	2.11
D	30020	9	7179.8	-30.89	134.6	462253.6	6581501	265.93	218.64	125.7	120	140.23	54522.28	0.03	1.06	1.98	-120.12	-36.04	0	0	-120	-35	5.7	4.98	4.57	4.14	3.59	2.91	2.12
D	30020	9	7180	-30.89	134.6	462266.5	6581501	265.87	218.53	125.66	120	140.22	54520.86	0.02	1.08	1.71	-120.1	-35.98	0	0	-120	-35	5.67	4.95	4.54	4.11	3.56	2.89	2.11
D	30020	9	7180.2	-30.89	134.6	462279.4	6581501	265.79	218.36	125.47	120	140.32	54519.36	0.01	1.15	1.45	-120.06	-35.86	0	0	-120	-35	5.64	4.91	4.49	4.06	3.52	2.86	2.08
D	30020	9	7180.4	-30.89	134.6	462292.3	6581501	265.67	218.16	125.12	120	140.54	54517.83	0.01	1.24	1.12	-120.04	-35.72	0	0	-120	-35	5.6	4.86	4.44	4.01	3.47	2.82	2.05
D	30020	9	7180.6	-30.89	134.6	462305.2	6581501	265.53	217.96	124.63	120	140.89	54516.38	0	1.3	0.63	-120.04	-35.61	0	0	-120	-35	5.55	4.82	4.4	3.97	3.43	2.78	2.02
D	30020	9	7180.8	-30.89	134.6	462318.1	6581502	265.38	217.75	124.02	120	141.36	54515.04	-0.01	1.35	0.23	-120.05	-35.44	0	0	-120	-35	5.52	4.78	4.36	3.93	3.39	2.74	1.99
D	30020	9	7181	-30.89	134.6	462331	6581502	265.23	217.56	123.34	120	141.89	54513.81	-0.01	1.37	0	-120.09	-35.31	0	0	-120	-35	5.51	4.76	4.32	3.9	3.36	2.72	1.97
D	30020	9	7181.2	-30.89	134.6	462343.9	6581502	265.08	217.38	122.65	120	142.43	54512.66	-0.02	1.37	-0.22	-120.12	-35.19	0	0	-120	-35	5.51	4.74	4.31	3.88	3.34	2.7	1.95
D	30020	9	7181.4	-30.89	134.6	462356.8	6581502	264.94	217.23	122.04	120	142.9	54511.61	-0.02	1.35	-0.48	-120.17	-35.1	0	0	-120	-35	5.53	4.75	4.3	3.87	3.33	2.69	1.94
D	30020	9	7181.6	-30.89	134.6	462369.7	6581502	264.79	217.13	121.54	120	143.26	54510.65	-0.03	1.3	-0.66	-120.23	-34.99	0	0	-120	-35	5.56	4.76	4.31	3.87	3.33	2.68	1.94
D	30020	9	7181.8	-30.89	134.6	462382.6	6581502	264.66	217.09	121.19	120	143.48	54509.79	-0.03	1.26	-0.79	-120.28	-34.91	0	0	-120	-35	5.6	4.77	4.31	3.88	3.34	2.68	1.93
D	30020	9	7182	-30.89	134.6	462395.5	6581502	264.53	217.09	121.01	120	143.52	54509.05	-0.03	1.25	-0.98	-120.34	-34.81	0	0	-120	-35	5.63	4.78	4.32	3.88	3.33	2.68	1.93
D	30020	9	7182.2	-30.89	134.6	462408.4	6581502	264.42	217.11	120.98	120	143.44	54508.5	-0.03	1.25	-1.19	-120.4	-34.76	0	0	-120	-35	5.66	4.79	4.32	3.88	3.33	2.67	1.92
D	30020	9	7182.4	-30.89	134.6	462421.4	6581502	264.31	217.11	121.03	120	143.29	54508.08	-0.03	1.26	-1.16	-120.48	-34.66	0	0	-120	-35	5.67	4.79	4.32	3.87	3.32	2.65	1.9
D	30020	9	7182.6	-30.89	134.6	462434.3	6581502	264.2	217.06	121.08	120	143.12	54507.69	-0.03	1.25	-1.12	-120.55	-34.55	0	0	-120	-35	5.68	4.78	4.3	3.85	3.29	2.63	1.88
D	30020	9	7182.8	-30.89	134.6	462447.2	6581503	264.08	216.97	121.04	120	143.04	54507.24	-0.02	1.2	-1.22	-120.65	-34.44	0	0	-120	-35	5.67	4.76	4.28	3.83	3.26	2.6	1.85
D	30020	9	7183	-30.89	134.6	462460.1	6581503	263.93	216.84	120.85	120	143.07	54506.79	-0.02	1.17	-1.39	-120.74	-34.33	0	0	-120	-35	5.67	4.75	4.26	3.8	3.24	2.57	1.82
D	30020	9	7183.2	-30.89	134.6	462473.1	6581503	263.75	216.71	120.5	120	143.24	54506.44	-0.02	1.16	-1.71	-120.83	-34.23	0	0	-120	-35	5.67	4.74	4.25	3.78	3.21	2.54	1.79
D	30020	9	7183.4	-30.89	134.6	462486	6581503	263.54	216.58	120.02	120	143.53	54506.23	-0.01	1.18	-1.93	-120.87	-34.12	0	0	-120	-35	5.67	4.74	4.25	3.77	3.19	2.51	1.76
D	30020	9	7183.6	-30.89	134.6	462498.9	6581503	263.32	216.43	119.43	120	143.9	54506.1	-0.01	1.23	-1.82	-120.93	-34.05	0	0	-120	-35	5.7	4.76	4.26	3.77	3.18	2.49	1.74
D	30020	9	7183.8	-30.89	134.6	462511.8	6581503	263.09	216.24	118.75	120	144.34	54505.97	-0.01	1.31	-1.42	-120.97	-34.01	0	0	-120	-35	5.75	4.8	4.28	3.78	3.18	2.48	1.73
D	30020	9	7184	-30.89	134.6	462524.8	6581504	262.85	216.04	118	120	144.85	54505.79	0	1.4	-0.89	-121	-33.97	0	0	-120	-35	5.82	4.86	4.33	3.82	3.19	2.48	1.72
D	30020	9	7184.2	-30.89	134.6	462537.7	6581504	262.6	215.83	117.14	120	145.46	54505.55	0	1.47	-0.28	-121.01	-34	0	0	-120	-35	5.91	4.92	4.38	3.85	3.22	2.49	1.72
D	30020	9	7184.4	-30.89	134.6	462550.6	6581504	262.35	215.59	116.22	120	146.13	54505.19	0.01	1.55	0.48	-121.02	-34.08	0	0	-120	-35	6.01	5	4.44	3.9	3.24	2.5	1.72
D	30020	9	718																										

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D	30020		9	7192.4	-30.89	134.61	463065.5	6581501	266.87	220.12	118.76	120	148.11	54544.23	0.11	2.59	-0.3	-121.67	-33.45	0	0	-120	-35	5.09	3.34	2.53	1.9	1.32	0.86	0.51
D	30020		9	7192.6	-30.89	134.61	463078.4	6581501	266.83	220	118.79	120	148.04	54548.02	0.13	2.63	-0.17	-121.74	-33.5	0	0	-120	-35	4.98	3.18	2.37	1.77	1.22	0.8	0.48
D	30020		9	7192.8	-30.89	134.61	463091.2	6581502	266.81	219.84	118.81	120	148.01	54551.63	0.15	2.64	0.05	-121.8	-33.61	0	0	-120	-35	4.87	3.03	2.23	1.66	1.15	0.75	0.46
D	30020		9	7193	-30.89	134.61	463104.1	6581502	266.8	219.66	118.77	120	148.03	54555	0.18	2.61	0.3	-121.83	-33.8	0	0	-120	-35	4.75	2.87	2.1	1.56	1.08	0.72	0.44
D	30020		9	7193.2	-30.89	134.61	463116.9	6581502	266.79	219.5	118.66	120	148.13	54558.14	0.19	2.56	0.5	-121.82	-34.03	0	0	-120	-35	4.62	2.72	1.97	1.46	1.02	0.68	0.43
D	30020		9	7193.4	-30.89	134.61	463129.7	6581502	266.79	219.39	118.48	120	148.32	54561.02	0.21	2.56	0.64	-121.79	-34.33	0	0	-120	-35	4.47	2.56	1.84	1.37	0.96	0.65	0.41
D	30020		9	7193.6	-30.89	134.61	463142.6	6581502	266.81	219.33	118.27	120	148.54	54563.6	0.22	2.61	0.65	-121.72	-34.62	0	0	-120	-35	4.3	2.39	1.71	1.28	0.9	0.61	0.39
D	30020		9	7193.8	-30.89	134.61	463155.4	6581502	266.86	219.3	118.1	120	148.76	54565.93	0.22	2.68	0.48	-121.62	-34.98	0	0	-120	-35	4.11	2.21	1.58	1.18	0.83	0.57	0.36
D	30020		9	7194	-30.89	134.61	463168.2	6581502	266.94	219.31	118.01	120	148.94	54568.08	0.23	2.75	0.26	-121.46	-35.34	0	0	-120	-35	3.9	2.02	1.44	1.07	0.76	0.52	0.33
D	30020		9	7194.2	-30.89	134.61	463181.1	6581502	267.06	219.3	118.03	120	149.03	54570.16	0.24	2.86	0.25	-121.29	-35.75	0	0	-120	-35	3.69	1.84	1.3	0.96	0.68	0.46	0.29
D	30020		9	7194.4	-30.89	134.61	463193.9	6581502	267.21	219.36	118.13	120	149.08	54572.15	0.25	2.99	0.49	-121.1	-36.18	0	0	-120	-35	3.48	1.65	1.15	0.85	0.6	0.41	0.26
D	30020		9	7194.6	-30.89	134.61	463206.7	6581502	267.4	219.49	118.28	120	149.12	54573.98	0.26	3.07	0.89	-120.88	-36.66	0	0	-120	-35	3.28	1.47	1.01	0.74	0.52	0.35	0.22
D	30020		9	7194.8	-30.89	134.61	463219.5	6581502	267.63	219.66	118.44	120	149.19	54575.55	0.27	3.14	1.33	-120.64	-37.16	0	0	-120	-35	3.1	1.3	0.88	0.63	0.45	0.3	0.18
D	30020		9	7195	-30.89	134.61	463232.3	6581502	267.91	219.93	118.59	120	149.32	54576.86	0.27	3.22	1.69	-120.39	-37.7	0	0	-120	-35	2.93	1.15	0.75	0.53	0.37	0.24	0.15
D	30020		9	7195.2	-30.89	134.61	463245.1	6581502	268.25	220.29	118.7	120	149.55	54577.9	0.28	3.29	1.79	-120.09	-38.21	0	0	-120	-35	2.77	1.01	0.64	0.44	0.3	0.19	0.12
D	30020		9	7195.4	-30.89	134.61	463257.9	6581502	268.63	220.72	118.8	120	149.83	54578.7	0.28	3.3	1.68	-119.77	-38.69	0	0	-120	-35	2.62	0.88	0.53	0.35	0.24	0.15	0.09
D	30020		9	7195.6	-30.89	134.61	463270.7	6581502	269.04	221.23	118.91	120	150.13	54579.22	0.28	3.27	1.37	-119.48	-39.13	0	0	-120	-35	2.49	0.77	0.44	0.28	0.18	0.11	0.07
D	30020		9	7195.8	-30.89	134.61	463283.5	6581502	269.47	221.76	119.05	120	150.42	54579.46	0.28	3.22	0.8	-119.17	-39.48	0	0	-120	-35	2.36	0.67	0.36	0.21	0.13	0.08	0.05
D	30020		9	7196	-30.89	134.61	463296.2	6581502	269.9	222.28	119.24	120	150.66	54579.47	0.28	3.21	0.17	-118.89	-39.76	0	0	-120	-35	2.23	0.59	0.29	0.16	0.09	0.05	0.03
D	30020		9	7196.2	-30.89	134.61	463309	6581503	270.32	222.8	119.47	120	150.86	54579.27	0.28	3.22	-0.46	-118.64	-40.01	0	0	-120	-35	2.11	0.52	0.23	0.12	0.06	0.03	0.02
D	30020		9	7196.4	-30.89	134.61	463321.8	6581503	270.74	223.32	119.71	120	151.03	54578.9	0.28	3.2	-1.25	-118.43	-40.15	0	0	-120	-35	2	0.47	0.19	0.09	0.04	0.01	0.01
D	30020		9	7196.6	-30.89	134.61	463334.5	6581503	271.14	223.83	119.96	120	151.19	54578.28	0.27	3.11	-2.09	-118.28	-40.23	0	0	-120	-35	1.9	0.44	0.17	0.07	0.02	0.004	0.004
D	30020		9	7196.8	-30.89	134.61	463347.3	6581503	271.53	224.31	120.18	120	151.35	54577.34	0.27	3.01	-2.84	-118.16	-40.29	0	0	-120	-35	1.83	0.43	0.17	0.06			0.001
D	30020		9	7197	-30.89	134.61	463360	6581503	271.89	224.75	120.38	120	151.5	54576.09	0.26	2.97	-3.6	-118.07	-40.28	0	0	-120	-35	1.79	0.44	0.19	0.08	0.02		0.002
D	30020		9	7197.2	-30.89	134.61	463372.7	6581503	272.21	225.14	120.55	120	151.67	54574.59	0.25	2.93	-4.21	-118.03	-40.24	0	0	-120	-35	1.79	0.49	0.24	0.11	0.05	0.01	0.002
D	30020		9	7197.4	-30.89	134.61	463385.5	6581504	272.51	225.53	120.64	120	151.87	54572.82	0.23	2.85	-4.48	-118.04	-40.16	0	0	-120	-35	1.85	0.58	0.32	0.17	0.09	0.03	0.01
D	30020		9	7197.6	-30.89	134.61	463398.2	6581504	272.78	225.92	120.63	120	152.15	54570.77	0.21	2.75	-4.45	-118.06	-40.04	0	0	-120	-35	1.97	0.73	0.44	0.27	0.15	0.07	0.03
D	30020		9	7197.8	-30.89	134.61	463410.9	6581504	273.01	226.27	120.48	120	152.53	54568.45	0.19	2.66	-4.32	-118.13	-39.91	0	0	-120	-35	2.16	0.93	0.61	0.4	0.24	0.14	0.07
D	30020		9	7198	-30.89	134.61	463423.7	6581504	273.2	226.6	120.19	120	153.02	54565.95	0.17	2.55	-4.19	-118.2	-39.7	0	0	-120	-35	2.42	1.19	0.83	0.57	0.37	0.22	0.12
D	30020		9	7198.2	-30.89	134.61	463436.4	6581505	273.37	226.89	119.81	120	153.56	54563.34	0.14	2.42	-3.79	-118.34	-39.44	0	0	-120	-35	2.75	1.51	1.1	0.79	0.53	0.33	0.18
D	30020		9	7198.4	-30.89	134.61	463449.1	6581505	273.5	227.16	119.4	120	154.1	54560.65	0.12	2.35	-3.05	-118.5	-39.11	0	0	-120	-35	3.14	1.88	1.42	1.05	0.73	0.46	0.26
D	30020		9	7198.6	-30.89	134.61	463461.9	6581505	273.6	227.47	119.08	120	154.53	54557.9	0.09	2.3	-2.12	-118.71	-38.71	0	0	-120	-35	3.58	2.31	1.8	1.36	0.96	0.62	0.36
D	30020		9	7198.8	-30.89	134.61	463474.6	6581506	273.69	227.75	118.88	120	154.81	54555.13	0.07	2.22	-1.06	-118.94	-38.23	0	0	-120	-35	4.04	2.76	2.2	1.69	1.22	0.8	0.47
D	30020		9	7199	-30.89	134.61	463487.3	6581506	273.78	227.94	118.85	120	154.93	54552.34	0.04	2.14	-0.12	-119.22	-37.67	0	0	-120	-35	4.49	3.22	2.61	2.04	1.49	0.99	0.58
D	30020		9	7199.2	-30.89	134.61	463500	6581506	273.86	228.01	118.96	120	154.9	54549.56	0.01	2.04	0.59	-119.49	-37.06	0	0	-120	-35	4.92	3.67	3.02	2.39	1.77	1.19	0.7
D	30020		9	7199.4	-30.89	134.61	463512.8	6581507	273.94	227.92	119.15	120	154.79	54546.88	-0.01	1.94	1.16	-119.76	-36.43	0	0	-120	-35	5.31	4.09	3.41	2.74	2.05	1.4	0.83
D	30020		9	7199.6	-30.89	134.61	463525.5	6581507	274.01	227.77	119.38	120	154.63	54544.42	-0.02	1.81	1.58	-120.01	-35.85	0	0	-120	-35	5.65	4.46	3.77	3.07	2.32	1.6	0.95
D	30020		9	7199.8	-30.89	134.61	463538.3	6581507	274.08	227.67	119.57	120	154.51	54542.25	-0.04	1.69	1.86	-120.22	-35.3	0	0	-120	-35	5.93	4.79	4.09	3.36	2.57	1.78	1.07
D	30020		9	7200	-30.89	134.61	463551	6581507	274.14	227.6	119.66	120	154.48	54540.39	-0.06	1.63	2.05	-120.41	-34.84	0	0	-120	-35	6.15	5.05	4.34	3.6	2.78	1.94	1.17
D	30020		9	7200.2	-30.89	134.61	463563.8	6581508	274.18	227.6	119.62	120	154.56	54538.8	-0.07	1.67	2.19	-120.58	-34.49	0	0	-120	-35	6.31	5.25	4.54	3.8	2.95	2.08	1.25
D	30020		9	7200.4	-30.89	134.61	463576.5	6581508	274.22	227.6	119.51	120	154.71	54537.46	-0.08	1.8	2.29	-120.71	-34.22	0	0	-120	-35	6.42	5.38	4.67	3.93	3.07	2.17	1.31
D	30020		9	7200.6	-30.89	134.61	463589.3	6581508	274.26	227.54	119.39	120	154.87	54536.38	-0.09	1.94	2.31	-120.78	-34.05	0	0	-120	-35	6.47	5.44	4.74	4	3.13	2.22	1.34
D	30020		9	7200.8	-30.89	134.61	463602	6581508	274.34	227.44																				

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30020	9	7208.8	-30.89	134.62	464117.8	6581508	276.66	229.18	114.86	120	161.8	54543.67	0.13	1.59	-0.75	-122.17	-30.75	0	0	-120	-35	0.54	0.1	0.04	0.02	0.01		
D	30020	9	7209	-30.89	134.62	464130.8	6581508	276.53	228.93	114.67	120	161.86	54542.77	0.13	1.69	-0.52	-122.24	-30.83	0	0	-120	-35	0.53	0.09	0.03	0.01			
D	30020	9	7209.2	-30.89	134.62	464143.9	6581508	276.41	228.69	114.46	120	161.96	54541.76	0.13	1.75	-0.19	-122.28	-30.94	0	0	-120	-35	0.53	0.08	0.02	0.009			
D	30020	9	7209.4	-30.89	134.62	464156.9	6581508	276.31	228.51	114.22	120	162.08	54540.64	0.14	1.83	-0.04	-122.33	-31.15	0	0	-120	-35	0.54	0.08	0.01				
D	30020	9	7209.6	-30.89	134.62	464169.9	6581508	276.21	228.39	113.99	120	162.23	54539.48	0.14	1.91	-0.1	-122.34	-31.45	0	0	-120	-35	0.57	0.08					
D	30020	9	7209.8	-30.89	134.62	464182.9	6581509	276.12	228.3	113.82	120	162.31	54538.26	0.14	1.98	-0.18	-122.33	-31.81	0	0	-120	-35	0.61	0.09					
D	30020	9	7210	-30.89	134.62	464195.9	6581509	276.04	228.26	113.73	120	162.31	54536.95	0.14	2.02	-0.3	-122.27	-32.22	0	0	-120	-35	0.67	0.1					
D	30020	9	7210.2	-30.89	134.62	464208.9	6581509	275.97	228.26	113.79	120	162.18	54535.51	0.15	2.04	-0.36	-122.16	-32.67	0	0	-120	-35	0.76	0.12					
D	30020	9	7210.4	-30.89	134.62	464221.9	6581509	275.91	228.3	114.01	120	161.89	54533.95	0.15	2.04	-0.33	-121.99	-33.17	0	0	-120	-35	0.88	0.14					
D	30020	9	7210.6	-30.89	134.62	464234.9	6581509	275.86	228.37	114.35	120	161.5	54532.29	0.15	2.02	-0.22	-121.81	-33.66	0	0	-120	-35	1.02	0.17	0.03				
D	30020	9	7210.8	-30.89	134.62	464247.9	6581509	275.82	228.43	114.77	120	161.06	54530.48	0.15	2.01	-0.01	-121.59	-34.12	0	0	-120	-35	1.18	0.21	0.05				
D	30020	9	7211	-30.89	134.62	464260.9	6581509	275.81	228.48	115.16	120	160.66	54528.47	0.14	1.98	0.31	-121.32	-34.57	0	0	-120	-35	1.38	0.27	0.08				
D	30020	9	7211.2	-30.89	134.62	464273.9	6581510	275.83	228.5	115.49	120	160.34	54526.22	0.14	1.95	0.67	-121.08	-35.04	0	0	-120	-35	1.6	0.35	0.12	0.04			
D	30020	9	7211.4	-30.89	134.62	464286.9	6581510	275.86	228.5	115.72	120	160.15	54523.71	0.13	1.91	0.9	-120.83	-35.44	0	0	-120	-35	1.86	0.46	0.18	0.07			
D	30020	9	7211.6	-30.89	134.62	464299.9	6581510	275.91	228.52	115.83	120	160.08	54520.96	0.12	1.83	1.01	-120.57	-35.84	0	0	-120	-35	2.15	0.59	0.26	0.12	0.04		
D	30020	9	7211.8	-30.89	134.62	464312.9	6581510	275.97	228.52	115.86	120	160.11	54518.02	0.1	1.76	1.05	-120.36	-36.2	0	0	-120	-35	2.47	0.76	0.37	0.18	0.07	0.02	
D	30020	9	7212	-30.89	134.62	464325.9	6581510	276.03	228.5	115.79	120	160.24	54514.93	0.09	1.71	1.18	-120.13	-36.52	0	0	-120	-35	2.83	0.98	0.51	0.27	0.12	0.03	0.008
D	30020	9	7212.2	-30.89	134.62	464338.9	6581510	276.09	228.48	115.69	120	160.39	54511.74	0.07	1.69	1.36	-119.95	-36.78	0	0	-120	-35	3.21	1.24	0.69	0.38	0.18	0.06	0.01
D	30020	9	7212.4	-30.89	134.62	464351.9	6581511	276.14	228.49	115.63	120	160.51	54508.47	0.05	1.69	1.52	-119.8	-36.98	0	0	-120	-35	3.61	1.54	0.91	0.52	0.25	0.09	0.03
D	30020	9	7212.6	-30.89	134.62	464364.9	6581511	276.2	228.54	115.66	120	160.54	54505.08	0.02	1.7	1.67	-119.68	-37.15	0	0	-120	-35	4.01	1.87	1.16	0.68	0.35	0.14	0.04
D	30020	9	7212.8	-30.89	134.62	464377.9	6581511	276.27	228.64	115.85	120	160.43	54501.61	0.01	1.71	1.76	-119.57	-37.22	0	0	-120	-35	4.41	2.24	1.44	0.87	0.45	0.19	0.06
D	30020	9	7213	-30.89	134.62	464390.9	6581511	276.37	228.82	116.15	120	160.22	54498.16	-0.01	1.73	1.82	-119.5	-37.21	0	0	-120	-35	4.79	2.63	1.75	1.08	0.57	0.24	0.08
D	30020	9	7213.2	-30.89	134.62	464403.9	6581511	276.5	229.08	116.53	120	159.97	54494.86	-0.03	1.76	1.86	-119.44	-37.19	0	0	-120	-35	5.14	3.03	2.07	1.31	0.7	0.3	0.1
D	30020	9	7213.4	-30.89	134.62	464416.9	6581511	276.64	229.46	116.95	120	159.69	54491.79	-0.04	1.74	1.98	-119.4	-37.11	0	0	-120	-35	5.45	3.41	2.39	1.54	0.84	0.37	0.13
D	30020	9	7213.6	-30.89	134.62	464429.9	6581511	276.79	229.9	117.38	120	159.41	54488.95	-0.05	1.67	2.34	-119.35	-36.99	0	0	-120	-35	5.71	3.76	2.7	1.76	0.98	0.44	0.16
D	30020	9	7213.8	-30.89	134.62	464442.9	6581511	276.95	230.27	117.82	120	159.13	54486.3	-0.06	1.58	2.89	-119.34	-36.85	0	0	-120	-35	5.93	4.07	2.97	1.98	1.11	0.51	0.19
D	30020	9	7214	-30.89	134.62	464455.9	6581511	277.08	230.47	118.24	120	158.84	54483.82	-0.07	1.57	3.53	-119.35	-36.68	0	0	-120	-35	6.1	4.32	3.21	2.17	1.24	0.58	0.22
D	30020	9	7214.2	-30.89	134.62	464468.9	6581511	277.2	230.47	118.66	120	158.54	54481.45	-0.08	1.63	4.27	-119.35	-36.52	0	0	-120	-35	6.21	4.51	3.39	2.33	1.35	0.65	0.25
D	30020	9	7214.4	-30.89	134.62	464481.9	6581511	277.3	230.35	119.07	120	158.22	54479.12	-0.08	1.74	4.96	-119.4	-36.33	0	0	-120	-35	6.27	4.63	3.52	2.44	1.44	0.71	0.28
D	30020	9	7214.6	-30.89	134.62	464494.9	6581511	277.39	230.22	119.47	120	157.92	54476.81	-0.09	1.87	5.35	-119.49	-36.15	0	0	-120	-35	6.28	4.69	3.59	2.52	1.51	0.75	0.3
D	30020	9	7214.8	-30.89	134.62	464507.9	6581511	277.49	230.18	119.82	120	157.67	54474.59	-0.1	2.01	5.38	-119.58	-35.97	0	0	-120	-35	6.23	4.67	3.6	2.55	1.54	0.78	0.32
D	30020	9	7215	-30.89	134.62	464520.9	6581511	277.61	230.22	120.08	120	157.53	54472.53	-0.11	2.13	5.2	-119.7	-35.8	0	0	-120	-35	6.13	4.61	3.56	2.53	1.55	0.8	0.33
D	30020	9	7215.2	-30.89	134.62	464533.9	6581511	277.75	230.34	120.2	120	157.55	54470.67	-0.11	2.2	4.92	-119.83	-35.63	0	0	-120	-35	6.01	4.5	3.48	2.49	1.54	0.8	0.34
D	30020	9	7215.4	-30.89	134.62	464546.9	6581511	277.91	230.48	120.18	120	157.72	54468.99	-0.12	2.23	4.64	-119.94	-35.43	0	0	-120	-35	5.87	4.38	3.38	2.43	1.51	0.8	0.34
D	30020	9	7215.6	-30.89	134.62	464559.9	6581510	278.07	230.63	120.07	120	158	54467.46	-0.12	2.2	4.35	-120.07	-35.32	0	0	-120	-35	5.74	4.25	3.28	2.35	1.48	0.79	0.35
D	30020	9	7215.8	-30.89	134.62	464572.9	6581510	278.23	230.8	119.94	120	158.29	54466.05	-0.13	2.17	4.02	-120.16	-35.19	0	0	-120	-35	5.62	4.14	3.19	2.29	1.44	0.78	0.35
D	30020	9	7216	-30.89	134.62	464585.8	6581510	278.38	230.96	119.89	120	158.49	54464.75	-0.13	2.17	3.74	-120.23	-35.08	0	0	-120	-35	5.52	4.04	3.1	2.23	1.41	0.77	0.35
D	30020	9	7216.2	-30.89	134.62	464598.8	6581510	278.51	231.13	120.01	120	158.5	54463.63	-0.13	2.19	3.44	-120.31	-35.02	0	0	-120	-35	5.45	3.97	3.04	2.18	1.38	0.76	0.35
D	30020	9	7216.4	-30.89	134.62	464611.8	6581509	278.64	231.28	120.3	120	158.34	54462.82	-0.12	2.2	3.22	-120.34	-34.95	0	0	-120	-35	5.41	3.92	3	2.15	1.36	0.76	0.35
D	30020	9	7216.6	-30.89	134.62	464624.8	6581509	278.75	231.42	120.73	120	158.02	54462.33	-0.12	2.2	3.16	-120.37	-34.95	0	0	-120	-35	5.37	3.88	2.97	2.13	1.35	0.76	0.36
D	30020	9	7216.8	-30.89	134.62	464637.8	6581509	278.85	231.56	121.19	120	157.66	54462.03	-0.12	2.19	3.34	-120.38	-34.92	0	0	-120	-35	5.34	3.85	2.95	2.11	1.34	0.75	0.36
D	30020	9	7217	-30.89	134.63	464650.8	6581508	278.94	231.71	121.59	120	157.36	54461.71	-0.11	2.19	3.78	-120.41	-34.93	0	0	-120	-35	5.3	3.81	2.92	2.1	1.33	0.75	0.36
D	30020	9	7217.2	-30.89	134.63	464663.7	6581508	279.02	231.83	121.85	120	157.17	54461.37	-0.1	2.14	3.85	-120.43	-34.95	0	0	-120	-35	5.25	3.77	2.89	2.08	1.32	0.74	0.36
D	30020	9	7217.4	-30.89	134.63	464676.7	6581507	279.09	231.79	121.98	120	157.11	54461.2	-0.1	2.1	3.43	-120.45	-35.03	0	0	-120	-35	5.19	3.73	2.				

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30020	9	7225.2	-30.89	134.63	465182.9	6581494	281.52	233.93	124.29	120	157.23	54450.3	0	1.56	-1.11	-122.16	-31.8	0	0	-120	-35	4.73	3.47	2.71	2.03	1.32	0.72	0.3
D	30020	9	7225.4	-30.89	134.63	465195.9	6581494	281.3	233.64	124.03	120	157.27	54449.25	0	1.73	-1.1	-122.18	-31.96	0	0	-120	-35	4.76	3.51	2.75	2.06	1.34	0.73	0.3
D	30020	9	7225.6	-30.89	134.63	465208.9	6581493	281.12	233.36	123.83	120	157.29	54448.18	-0.01	1.92	-1.16	-122.15	-32.22	0	0	-120	-35	4.81	3.56	2.79	2.1	1.36	0.74	0.31
D	30020	9	7225.8	-30.89	134.63	465221.9	6581493	281	233.13	123.73	120	157.27	54447.15	-0.01	2.08	-1.28	-122.1	-32.6	0	0	-120	-35	4.86	3.62	2.84	2.14	1.39	0.76	0.32
D	30020	9	7226	-30.89	134.63	465234.8	6581493	280.96	232.99	123.78	120	157.18	54446.12	-0.01	2.2	-1.41	-121.99	-33.1	0	0	-120	-35	4.93	3.68	2.9	2.18	1.43	0.78	0.33
D	30020	9	7226.2	-30.89	134.63	465247.8	6581493	281.01	232.98	123.99	120	157.02	54445.03	-0.01	2.24	-1.5	-121.84	-33.73	0	0	-120	-35	5	3.75	2.96	2.23	1.47	0.8	0.34
D	30020	9	7226.4	-30.89	134.63	465260.8	6581493	281.14	233.05	124.31	120	156.84	54443.93	-0.02	2.25	-1.63	-121.58	-34.5	0	0	-120	-35	5.08	3.82	3.02	2.29	1.51	0.83	0.35
D	30020	9	7226.6	-30.89	134.63	465273.8	6581493	281.34	233.24	124.66	120	156.68	54442.92	-0.02	2.23	-1.85	-121.25	-35.31	0	0	-120	-35	5.15	3.89	3.09	2.35	1.55	0.86	0.36
D	30020	9	7226.8	-30.89	134.63	465286.7	6581493	281.57	233.59	124.93	120	156.64	54441.97	-0.02	2.14	-1.86	-120.85	-36.12	0	0	-120	-35	5.22	3.95	3.15	2.4	1.59	0.88	0.37
D	30020	9	7227	-30.89	134.63	465299.7	6581492	281.82	234.02	125.1	120	156.72	54441.05	-0.03	1.98	-1.62	-120.42	-36.83	0	0	-120	-35	5.28	4	3.21	2.45	1.63	0.91	0.39
D	30020	9	7227.2	-30.89	134.63	465312.6	6581492	282.09	234.56	125.18	120	156.91	54440.11	-0.03	1.81	-1.33	-120	-37.51	0	0	-120	-35	5.33	4.04	3.26	2.49	1.67	0.93	0.4
D	30020	9	7227.4	-30.89	134.63	465325.6	6581492	282.37	235.12	125.21	120	157.16	54439.15	-0.03	1.65	-1	-119.59	-38.03	0	0	-120	-35	5.36	4.07	3.29	2.52	1.69	0.95	0.41
D	30020	9	7227.6	-30.89	134.63	465338.5	6581492	282.64	235.58	125.25	120	157.4	54438.15	-0.03	1.53	-0.65	-119.25	-38.4	0	0	-120	-35	5.37	4.08	3.31	2.54	1.71	0.96	0.41
D	30020	9	7227.8	-30.89	134.63	465351.4	6581492	282.89	235.88	125.32	120	157.57	54437.14	-0.04	1.53	-0.53	-118.98	-38.66	0	0	-120	-35	5.38	4.09	3.32	2.54	1.71	0.96	0.41
D	30020	9	7228	-30.89	134.63	465364.4	6581492	283.09	236.04	125.42	120	157.68	54436.16	-0.04	1.66	-0.68	-118.81	-38.81	0	0	-120	-35	5.36	4.08	3.31	2.54	1.71	0.96	0.4
D	30020	9	7228.2	-30.89	134.63	465377.3	6581492	283.25	236.13	125.47	120	157.78	54435.24	-0.05	1.83	-0.93	-118.65	-38.87	0	0	-120	-35	5.33	4.06	3.28	2.51	1.69	0.94	0.39
D	30020	9	7228.4	-30.89	134.63	465390.2	6581492	283.35	236.2	125.38	120	157.98	54434.37	-0.05	2.04	-1.14	-118.58	-38.86	0	0	-120	-35	5.29	4.02	3.24	2.48	1.66	0.92	0.38
D	30020	9	7228.6	-30.89	134.63	465403.1	6581492	283.44	236.32	125.09	120	158.35	54433.56	-0.06	2.25	-1.32	-118.55	-38.82	0	0	-120	-35	5.23	3.98	3.19	2.43	1.62	0.89	0.36
D	30020	9	7228.8	-30.89	134.63	465416	6581492	283.52	236.45	124.59	120	158.93	54432.81	-0.06	2.46	-1.51	-118.57	-38.75	0	0	-120	-35	5.18	3.93	3.14	2.38	1.57	0.86	0.34
D	30020	9	7229	-30.89	134.63	465428.9	6581492	283.63	236.57	123.96	120	159.67	54432.14	-0.06	2.63	-1.56	-118.61	-38.66	0	0	-120	-35	5.12	3.89	3.08	2.33	1.53	0.82	0.32
D	30020	9	7229.2	-30.89	134.63	465441.8	6581492	283.77	236.65	123.31	120	160.46	54431.59	-0.07	2.72	-1.61	-118.65	-38.56	0	0	-120	-35	5.09	3.85	3.04	2.28	1.48	0.79	0.3
D	30020	9	7229.4	-30.89	134.63	465454.6	6581492	283.94	236.67	122.73	120	161.2	54431.2	-0.06	2.72	-1.63	-118.72	-38.45	0	0	-120	-35	5.07	3.82	3	2.24	1.44	0.76	0.28
D	30020	9	7229.6	-30.89	134.63	465467.5	6581492	284.13	236.66	122.31	120	161.82	54431.01	-0.06	2.68	-1.49	-118.78	-38.33	0	0	-120	-35	5.08	3.81	2.97	2.2	1.4	0.73	0.26
D	30020	9	7229.8	-30.89	134.63	465480.4	6581492	284.36	236.65	122.01	120	162.35	54430.95	-0.06	2.64	-1.15	-118.85	-38.22	0	0	-120	-35	5.1	3.8	2.95	2.17	1.37	0.7	0.25
D	30020	9	7230	-30.89	134.63	465493.2	6581492	284.63	236.69	121.79	120	162.84	54430.95	-0.05	2.62	-0.7	-118.95	-38.11	0	0	-120	-35	5.12	3.78	2.92	2.13	1.33	0.67	0.23
D	30020	9	7230.2	-30.89	134.63	465506	6581492	284.95	236.86	121.61	120	163.35	54430.96	-0.04	2.58	-0.22	-119.04	-37.97	0	0	-120	-35	5.12	3.75	2.89	2.09	1.29	0.64	0.21
D	30020	9	7230.4	-30.89	134.63	465518.9	6581492	285.31	237.2	121.37	120	163.94	54431.02	-0.04	2.5	0.04	-119.18	-37.75	0	0	-120	-35	5.09	3.69	2.82	2.02	1.23	0.6	0.2
D	30020	9	7230.6	-30.89	134.63	465531.7	6581492	285.68	237.68	121.11	120	164.57	54431.12	-0.03	2.39	0.2	-119.33	-37.51	0	0	-120	-35	5.02	3.6	2.73	1.93	1.16	0.55	0.18
D	30020	9	7230.8	-30.89	134.63	465544.5	6581492	286.02	238.22	120.84	120	165.18	54431.24	-0.02	2.29	0.26	-119.54	-37.18	0	0	-120	-35	4.89	3.46	2.6	1.82	1.07	0.5	0.16
D	30020	9	7231	-30.89	134.63	465557.3	6581492	286.29	238.72	120.58	120	165.71	54431.35	-0.02	2.21	0.2	-119.76	-36.79	0	0	-120	-35	4.71	3.29	2.44	1.68	0.97	0.44	0.13
D	30020	9	7231.2	-30.89	134.63	465570.1	6581492	286.48	239.09	120.35	120	166.12	54431.43	-0.01	2.2	0.07	-119.95	-36.37	0	0	-120	-35	4.52	3.11	2.27	1.54	0.86	0.38	0.11
D	30020	9	7231.4	-30.89	134.63	465582.9	6581492	286.59	239.29	120.15	120	166.45	54431.5	-0.01	2.26	-0.14	-120.15	-35.98	0	0	-120	-35	4.31	2.92	2.09	1.39	0.76	0.32	0.09
D	30020	9	7231.6	-30.89	134.63	465595.7	6581492	286.68	239.37	120	120	166.67	54431.58	-0.01	2.37	-0.37	-120.32	-35.6	0	0	-120	-35	4.12	2.73	1.92	1.25	0.66	0.27	0.07
D	30020	9	7231.8	-30.89	134.64	465608.4	6581492	286.76	239.38	119.98	120	166.78	54431.64	0	2.52	-0.49	-120.45	-35.3	0	0	-120	-35	3.95	2.57	1.77	1.12	0.58	0.23	0.06
D	30020	9	7232	-30.89	134.64	465621.2	6581493	286.87	239.35	120.15	120	166.72	54431.68	0.01	2.63	-0.5	-120.54	-35.08	0	0	-120	-35	3.83	2.43	1.64	1.02	0.51	0.19	0.05
D	30020	9	7232.2	-30.89	134.64	465634	6581493	287.03	239.37	120.51	120	166.52	54431.65	0.01	2.7	-0.51	-120.61	-34.92	0	0	-120	-35	3.75	2.31	1.53	0.93	0.45	0.17	0.04
D	30020	9	7232.4	-30.89	134.64	465646.7	6581493	287.22	239.42	121.02	120	166.2	54431.58	0.01	2.7	-0.45	-120.65	-34.83	0	0	-120	-35	3.69	2.22	1.45	0.87	0.42	0.15	0.04
D	30020	9	7232.6	-30.89	134.64	465659.5	6581493	287.42	239.56	121.55	120	165.86	54431.41	0.01	2.62	-0.31	-120.68	-34.8	0	0	-120	-35	3.65	2.14	1.37	0.81	0.39	0.14	0.04
D	30020	9	7232.8	-30.89	134.64	465672.2	6581493	287.62	239.76	122.04	120	165.57	54431.14	0.01	2.51	-0.17	-120.72	-34.75	0	0	-120	-35	3.59	2.06	1.3	0.76	0.36	0.13	0.04
D	30020	9	7233	-30.89	134.64	465685	6581493	287.8	240.02	122.47	120	165.33	54430.77	0.01	2.37	-0.03	-120.75	-34.72	0	0	-120	-35	3.53	1.97	1.22	0.71	0.33	0.12	0.04
D	30030	9	6735	-30.9	134.64	466196.6	6580513	276.74	228.71	123.12	120	153.62	54430.29	-0.06	0.67	1.16	-122.26	-30.27	0	0	-120	-35	4.34	3.12	2.55	2.08	1.59	1.09	0.63
D	30030	9	6735.2	-30.9	134.64	466182.6	6580513	276.61	228.5	123.28	120	153.34	54431.58	-0.06	0.59	1.39	-122.28	-30.34	0	0	-120	-35	4.38	3.13	2.56	2.08	1.58	1.08	0.62
D	30030	9	6735.4	-30.9	134.64	466168.6	6580514	276.5	228.23	123.32	120	153.18	54432.82	-0.06	0.55	1.61	-122.24	-30.44	0	0	-120	-35	4.41	3.14	2.56	2.08	1.56	1.06	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D		30030	9	6743.4	-30.9	134.64	465612.4	6580514	274.06	225.74	121.24	120	152.82	54459.74	-0.12	1.4	-0.81	-119.46	-37.02	0	0	-120	-35	5.23	3.63	2.84	2.17	1.47	0.83	0.34
D		30030	9	6743.6	-30.9	134.63	465598.6	6580513	273.92	225.69	121.17	120	152.75	54461.35	-0.12	1.43	-0.99	-119.56	-36.68	0	0	-120	-35	5.23	3.66	2.88	2.22	1.52	0.86	0.35
D		30030	9	6743.8	-30.9	134.63	465584.8	6580513	273.76	225.6	121.18	120	152.58	54463.07	-0.11	1.46	-1.1	-119.67	-36.29	0	0	-120	-35	5.23	3.68	2.92	2.26	1.55	0.89	0.36
D		30030	9	6744	-30.9	134.63	465571	6580512	273.59	225.4	121.24	120	152.35	54464.88	-0.11	1.49	-1.21	-119.8	-35.88	0	0	-120	-35	5.24	3.7	2.94	2.28	1.58	0.91	0.37
D		30030	9	6744.2	-30.9	134.63	465557.2	6580512	273.41	225.11	121.29	120	152.12	54466.79	-0.1	1.54	-1.26	-119.96	-35.49	0	0	-120	-35	5.25	3.72	2.96	2.3	1.59	0.91	0.37
D		30030	9	6744.4	-30.9	134.63	465543.5	6580511	273.21	224.77	121.3	120	151.91	54468.8	-0.09	1.59	-1.26	-120.12	-35.1	0	0	-120	-35	5.27	3.74	2.97	2.31	1.59	0.91	0.37
D		30030	9	6744.6	-30.9	134.63	465529.7	6580510	273.02	224.43	121.25	120	151.77	54470.87	-0.09	1.6	-1.26	-120.3	-34.79	0	0	-120	-35	5.28	3.75	2.98	2.3	1.58	0.89	0.36
D		30030	9	6744.8	-30.9	134.63	465515.9	6580510	272.83	224.13	121.13	120	151.7	54473.03	-0.08	1.61	-1.33	-120.46	-34.49	0	0	-120	-35	5.29	3.77	2.98	2.29	1.56	0.87	0.35
D		30030	9	6745	-30.9	134.63	465502.1	6580509	272.67	223.91	120.97	120	151.7	54475.32	-0.07	1.6	-1.44	-120.59	-34.27	0	0	-120	-35	5.3	3.77	2.97	2.26	1.52	0.83	0.33
D		30030	9	6745.2	-30.9	134.63	465488.3	6580508	272.53	223.74	120.77	120	151.76	54477.74	-0.06	1.56	-1.51	-120.69	-34.12	0	0	-120	-35	5.3	3.77	2.95	2.22	1.47	0.79	0.3
D		30030	9	6745.4	-30.9	134.63	465474.5	6580508	272.41	223.61	120.55	120	151.87	54480.27	-0.05	1.5	-1.44	-120.79	-34.02	0	0	-120	-35	5.29	3.75	2.92	2.17	1.4	0.73	0.27
D		30030	9	6745.6	-30.9	134.63	465460.8	6580507	272.32	223.54	120.29	120	152.03	54482.84	-0.04	1.44	-1.15	-120.86	-33.98	0	0	-120	-35	5.28	3.72	2.87	2.1	1.33	0.68	0.24
D		30030	9	6745.8	-30.9	134.63	465447	6580506	272.24	223.52	120.03	120	152.21	54485.44	-0.02	1.39	-0.75	-120.94	-34	0	0	-120	-35	5.26	3.67	2.8	2.02	1.25	0.62	0.21
D		30030	9	6746	-30.9	134.63	465433.2	6580505	272.16	223.55	119.76	120	152.41	54488.09	-0.01	1.34	-0.47	-120.99	-34.03	0	0	-120	-35	5.23	3.61	2.72	1.93	1.16	0.55	0.18
D		30030	9	6746.2	-30.9	134.63	465419.4	6580505	272.1	223.61	119.51	120	152.59	54490.81	0	1.27	-0.14	-120.99	-34.09	0	0	-120	-35	5.19	3.52	2.62	1.83	1.07	0.49	0.16
D		30030	9	6746.4	-30.9	134.63	465405.6	6580504	272.04	223.66	119.34	120	152.7	54493.59	0.01	1.19	0.46	-121.02	-34.19	0	0	-120	-35	5.13	3.41	2.5	1.71	0.98	0.43	0.14
D		30030	9	6746.6	-30.9	134.63	465391.8	6580503	271.98	223.7	119.25	120	152.73	54496.31	0.03	1.12	1.1	-121.02	-34.24	0	0	-120	-35	5.04	3.27	2.36	1.58	0.88	0.38	0.12
D		30030	9	6746.8	-30.9	134.63	465378	6580502	271.94	223.71	119.26	120	152.69	54498.87	0.04	1.09	1.65	-120.99	-34.32	0	0	-120	-35	4.93	3.11	2.2	1.44	0.78	0.33	0.11
D		30030	9	6747	-30.9	134.63	465364.3	6580502	271.91	223.72	119.32	120	152.58	54501.22	0.06	1.06	2.12	-120.95	-34.41	0	0	-120	-35	4.78	2.92	2.02	1.3	0.69	0.29	0.1
D		30030	9	6747.2	-30.9	134.63	465350.5	6580501	271.88	223.7	119.42	120	152.45	54503.41	0.07	1.07	2.47	-120.88	-34.47	0	0	-120	-35	4.61	2.72	1.83	1.15	0.6	0.25	0.09
D		30030	9	6747.4	-30.9	134.63	465336.7	6580500	271.85	223.64	119.53	120	152.31	54505.42	0.07	1.1	2.78	-120.78	-34.55	0	0	-120	-35	4.42	2.5	1.65	1.01	0.52	0.22	0.09
D		30030	9	6747.6	-30.9	134.63	465322.8	6580499	271.83	223.58	119.65	120	152.18	54507.18	0.08	1.15	3.16	-120.69	-34.63	0	0	-120	-35	4.23	2.3	1.47	0.88	0.45	0.2	0.08
D		30030	9	6747.8	-30.9	134.63	465309	6580499	271.84	223.57	119.79	120	152.05	54508.6	0.08	1.17	3.58	-120.57	-34.68	0	0	-120	-35	4.05	2.1	1.31	0.77	0.39	0.18	0.08
D		30030	9	6748	-30.9	134.63	465295.2	6580498	271.89	223.78	119.98	120	151.91	54509.65	0.07	1.11	3.75	-120.49	-34.74	0	0	-120	-35	3.88	1.93	1.18	0.69	0.35	0.17	0.08
D		30030	9	6748.2	-30.9	134.63	465281.4	6580497	271.97	224.16	120.18	120	151.79	54510.45	0.07	0.94	3.58	-120.39	-34.78	0	0	-120	-35	3.73	1.79	1.07	0.62	0.32	0.16	0.08
D		30030	9	6748.4	-30.9	134.63	465267.6	6580497	272.08	224.66	120.39	120	151.69	54511.19	0.06	0.72	3.32	-120.3	-34.82	0	0	-120	-35	3.59	1.66	0.99	0.57	0.3	0.15	0.08
D		30030	9	6748.6	-30.9	134.63	465253.7	6580496	272.19	225.1	120.57	120	151.62	54511.96	0.05	0.51	3.22	-120.24	-34.82	0	0	-120	-35	3.45	1.56	0.92	0.54	0.29	0.15	0.08
D		30030	9	6748.8	-30.9	134.63	465239.9	6580496	272.26	225.22	120.67	120	151.59	54512.72	0.04	0.4	3.27	-120.17	-34.76	0	0	-120	-35	3.31	1.47	0.87	0.51	0.29	0.15	0.08
D		30030	9	6749	-30.9	134.63	465226	6580495	272.27	225.09	120.73	120	151.54	54513.38	0.04	0.39	3.38	-120.13	-34.66	0	0	-120	-35	3.15	1.38	0.82	0.49	0.28	0.15	0.08
D		30030	9	6749.2	-30.9	134.63	465212.2	6580494	272.18	224.7	120.74	120	151.44	54513.91	0.03	0.48	3.36	-120.12	-34.51	0	0	-120	-35	2.97	1.29	0.77	0.47	0.27	0.15	0.08
D		30030	9	6749.4	-30.9	134.63	465198.4	6580494	272.03	224.23	120.73	120	151.3	54514.42	0.03	0.69	3.12	-120.16	-34.32	0	0	-120	-35	2.75	1.18	0.71	0.44	0.26	0.14	0.08
D		30030	9	6749.6	-30.9	134.63	465184.6	6580493	271.84	223.91	120.72	120	151.13	54515.02	0.02	0.94	2.77	-120.21	-34.07	0	0	-120	-35	2.51	1.07	0.65	0.41	0.24	0.13	0.07
D		30030	9	6749.8	-30.9	134.63	465170.7	6580493	271.65	223.74	120.67	120	150.97	54515.77	0.02	1.15	2.61	-120.3	-33.83	0	0	-120	-35	2.26	0.95	0.58	0.37	0.22	0.12	0.06
D		30030	9	6750	-30.9	134.63	465156.9	6580492	271.47	223.75	120.59	120	150.88	54516.67	0.02	1.29	2.72	-120.41	-33.58	0	0	-120	-35	2.03	0.83	0.5	0.32	0.19	0.11	0.06
D		30030	9	6750.2	-30.9	134.63	465143.1	6580492	271.33	223.82	120.49	120	150.84	54517.68	0.03	1.4	3.18	-120.51	-33.39	0	0	-120	-35	1.82	0.72	0.44	0.28	0.17	0.09	0.05
D		30030	9	6750.4	-30.9	134.63	465129.2	6580492	271.21	223.85	120.37	120	150.85	54518.73	0.03	1.47	3.85	-120.62	-33.24	0	0	-120	-35	1.66	0.63	0.38	0.24	0.14	0.08	0.04
D		30030	9	6750.6	-30.9	134.63	465115.4	6580491	271.13	223.78	120.27	120	150.85	54519.73	0.04	1.47	4.62	-120.74	-33.24	0	0	-120	-35	1.55	0.55	0.33	0.21	0.12	0.06	0.03
D		30030	9	6750.8	-30.9	134.63	465101.5	6580491	271.07	223.62	120.2	120	150.87	54520.6	0.04	1.45	5.46	-120.84	-33.26	0	0	-120	-35	1.48	0.49	0.29	0.19	0.11	0.05	0.03
D		30030	9	6751	-30.9	134.63	465087.7	6580491	271.04	223.43	120.12	120	150.92	54521.32	0.05	1.38	6.05	-120.95	-33.38	0	0	-120	-35	1.44	0.45	0.27	0.17	0.09	0.05	0.02
D		30030	9	6751.2	-30.9	134.63	465073.8	6580490	271.03	223.27	120.03	120	151	54521.91	0.05	1.32	6.39	-121.06	-33.56	0	0	-120	-35	1.41	0.41	0.25	0.15	0.08	0.04	0.02
D		30030	9	6751.4	-30.9	134.63	465060	6580490	271.05	223.19	119.92	120	151.13	54522.34	0.04	1.26	6.63	-121.16	-33.76	0	0	-120	-35	1.37	0.38	0.23	0.14	0.08	0.04	0.02
D		30030	9	6751.6	-30.9	134.63	465046.1	6580490	271.12	223.26	119.81	120	151.3	54522.63	0.04	1.24	6.55	-121.23	-33.99	0	0	-120	-35	1.32	0.35	0.2	0.12	0.07	0.03	0.01
D		30030	9	6751.8	-30.9	134.63	465032.3	6580490	271.22	223.39	119.78	120																		

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D		30030	9	6759.8	-30.9	134.62	464480.2	6580492	267.33	218.98	116.2	120	151.13	54553.68	0.11	1.99	1.79	-122.92	-31.48	0	0	-120	-35	2.15	0.7	0.35	0.16	0.05		
D		30030	9	6760	-30.9	134.62	464466.4	6580492	267.11	218.61	115.95	120	151.16	54554.45	0.11	2.11	1.63	-122.76	-31.86	0	0	-120	-35	2.06	0.65	0.32	0.15	0.04		
D		30030	9	6760.2	-30.9	134.62	464452.6	6580493	266.93	218.26	115.71	120	151.22	54554.98	0.12	2.17	1.55	-122.56	-32.27	0	0	-120	-35	1.98	0.61	0.29	0.13			
D		30030	9	6760.4	-30.9	134.62	464438.8	6580493	266.79	217.96	115.48	120	151.31	54555.18	0.12	2.2	1.46	-122.31	-32.81	0	0	-120	-35	1.91	0.57	0.27	0.11			
D		30030	9	6760.6	-30.9	134.62	464425.1	6580493	266.69	217.77	115.28	120	151.41	54555.08	0.12	2.23	1.27	-122.03	-33.43	0	0	-120	-35	1.88	0.54	0.24	0.1			
D		30030	9	6760.8	-30.9	134.62	464411.3	6580493	266.6	217.68	115.08	120	151.53	54554.74	0.12	2.28	0.93	-121.74	-34.19	0	0	-120	-35	1.88	0.51	0.23	0.09			
D		30030	9	6761	-30.9	134.62	464397.5	6580493	266.54	217.66	114.82	120	151.72	54554.22	0.11	2.33	0.51	-121.38	-34.98	0	0	-120	-35	1.89	0.5	0.21	0.08			
D		30030	9	6761.2	-30.9	134.62	464383.8	6580494	266.5	217.7	114.48	120	152.01	54553.52	0.11	2.3	0.24	-121.03	-35.73	0	0	-120	-35	1.91	0.48	0.2	0.07			
D		30030	9	6761.4	-30.9	134.62	464370	6580494	266.47	217.71	114.05	120	152.42	54552.57	0.1	2.19	0.23	-120.68	-36.51	0	0	-120	-35	1.94	0.47	0.19	0.07			
D		30030	9	6761.6	-30.9	134.62	464356.2	6580494	266.46	217.68	113.6	120	152.86	54551.35	0.08	2.1	0.37	-120.34	-37.2	0	0	-120	-35	1.97	0.47	0.19	0.07			
D		30030	9	6761.8	-30.9	134.62	464342.5	6580494	266.47	217.65	113.19	120	153.28	54549.78	0.06	2.04	0.56	-120	-37.78	0	0	-120	-35	1.99	0.47	0.19	0.07			
D		30030	9	6762	-30.9	134.62	464328.8	6580495	266.52	217.65	112.87	120	153.65	54547.86	0.04	2.01	0.61	-119.67	-38.24	0	0	-120	-35	2.03	0.49	0.21	0.08			
D		30030	9	6762.2	-30.9	134.62	464315	6580495	266.59	217.77	112.67	120	153.92	54545.69	0.01	1.99	0.28	-119.42	-38.59	0	0	-120	-35	2.08	0.54	0.24	0.1			
D		30030	9	6762.4	-30.9	134.62	464301.3	6580495	266.68	218	112.54	120	154.14	54543.44	-0.01	1.99	-0.29	-119.19	-38.87	0	0	-120	-35	2.18	0.62	0.3	0.14	0.05		
D		30030	9	6762.6	-30.9	134.62	464287.5	6580495	266.79	218.26	112.53	120	154.27	54541.3	-0.03	1.97	-0.76	-118.99	-39.07	0	0	-120	-35	2.34	0.75	0.39	0.21	0.09	0.03	
D		30030	9	6762.8	-30.9	134.62	464273.8	6580495	266.92	218.56	112.66	120	154.26	54539.36	-0.06	1.84	-0.84	-118.87	-39.18	0	0	-120	-35	2.57	0.93	0.52	0.3	0.15	0.06	
D		30030	9	6763	-30.9	134.62	464260.1	6580495	267.06	218.84	112.94	120	154.11	54537.56	-0.09	1.63	-0.41	-118.75	-39.24	0	0	-120	-35	2.88	1.18	0.71	0.43	0.23	0.11	0.03
D		30030	9	6763.2	-30.9	134.62	464246.3	6580495	267.2	219.12	113.41	120	153.79	54535.88	-0.11	1.43	0.25	-118.68	-39.27	0	0	-120	-35	3.28	1.5	0.95	0.61	0.35	0.17	0.06
D		30030	9	6763.4	-30.9	134.62	464232.6	6580495	267.35	219.39	113.98	120	153.37	54534.37	-0.13	1.28	0.71	-118.64	-39.23	0	0	-120	-35	3.75	1.89	1.25	0.82	0.49	0.25	0.09
D		30030	9	6763.6	-30.9	134.62	464218.9	6580496	267.49	219.57	114.56	120	152.93	54533.12	-0.14	1.18	0.86	-118.62	-39.13	0	0	-120	-35	4.26	2.33	1.61	1.09	0.66	0.34	0.13
D		30030	9	6763.8	-30.9	134.62	464205.1	6580496	267.6	219.58	115.03	120	152.57	54532.24	-0.16	1.15	0.84	-118.68	-38.94	0	0	-120	-35	4.79	2.81	2	1.39	0.86	0.45	0.18
D		30030	9	6764	-30.9	134.62	464191.4	6580496	267.66	219.4	115.36	120	152.3	54531.8	-0.17	1.23	0.74	-118.79	-38.67	0	0	-120	-35	5.29	3.3	2.42	1.71	1.07	0.56	0.22
D		30030	9	6764.2	-30.9	134.62	464177.7	6580496	267.67	219.08	115.56	120	152.11	54531.83	-0.17	1.39	0.53	-118.92	-38.29	0	0	-120	-35	5.75	3.78	2.84	2.04	1.29	0.69	0.27
D		30030	9	6764.4	-30.9	134.62	464163.9	6580496	267.64	218.71	115.67	120	151.97	54532.29	-0.17	1.53	0.47	-119.15	-37.85	0	0	-120	-35	6.13	4.23	3.24	2.37	1.51	0.81	0.32
D		30030	9	6764.6	-30.9	134.62	464150.2	6580496	267.58	218.4	115.73	120	151.86	54533.04	-0.16	1.59	0.72	-119.42	-37.41	0	0	-120	-35	6.43	4.62	3.6	2.66	1.72	0.92	0.37
D		30030	9	6764.8	-30.9	134.62	464136.5	6580496	267.53	218.22	115.78	120	151.75	54534.03	-0.16	1.6	0.83	-119.7	-36.91	0	0	-120	-35	6.65	4.94	3.9	2.92	1.89	1.01	0.41
D		30030	9	6765	-30.9	134.62	464122.8	6580496	267.51	218.2	115.83	120	151.68	54535.33	-0.15	1.59	0.57	-120.01	-36.47	0	0	-120	-35	6.81	5.18	4.14	3.12	2.03	1.08	0.43
D		30030	9	6765.2	-30.9	134.62	464109	6580496	267.54	218.35	115.92	120	151.62	54536.98	-0.13	1.51	0.23	-120.27	-36.06	0	0	-120	-35	6.91	5.35	4.31	3.26	2.12	1.13	0.45
D		30030	9	6765.4	-30.9	134.62	464095.3	6580496	267.6	218.66	116.07	120	151.53	54538.9	-0.12	1.36	0.12	-120.5	-35.71	0	0	-120	-35	6.96	5.45	4.4	3.33	2.16	1.15	0.45
D		30030	9	6765.6	-30.9	134.62	464081.6	6580496	267.68	219.07	116.23	120	151.45	54540.99	-0.1	1.19	0.23	-120.69	-35.45	0	0	-120	-35	6.99	5.47	4.42	3.33	2.15	1.13	0.44
D		30030	9	6765.8	-30.9	134.62	464067.8	6580496	267.79	219.48	116.38	120	151.41	54543.24	-0.08	1.04	0.41	-120.83	-35.22	0	0	-120	-35	6.98	5.42	4.37	3.27	2.09	1.09	0.42
D		30030	9	6766	-30.9	134.62	464054.1	6580496	267.91	219.8	116.47	120	151.44	54545.68	-0.06	0.95	0.82	-120.95	-35	0	0	-120	-35	6.93	5.31	4.25	3.14	1.99	1.02	0.39
D		30030	9	6766.2	-30.9	134.62	464040.3	6580496	268.04	219.99	116.49	120	151.55	54548.28	-0.04	0.93	1.7	-121.04	-34.81	0	0	-120	-35	6.84	5.15	4.07	2.97	1.84	0.93	0.36
D		30030	9	6766.4	-30.9	134.62	464026.6	6580496	268.18	220.07	116.48	120	151.69	54550.86	-0.02	0.9	2.85	-121.14	-34.62	0	0	-120	-35	6.7	4.93	3.84	2.75	1.68	0.83	0.32
D		30030	9	6766.6	-30.9	134.62	464012.8	6580497	268.33	220.11	116.53	120	151.8	54553.28	-0.01	0.86	3.9	-121.23	-34.38	0	0	-120	-35	6.5	4.67	3.57	2.51	1.49	0.72	0.28
D		30030	9	6766.8	-30.9	134.62	463999.1	6580497	268.49	220.18	116.65	120	151.84	54555.57	0.01	0.85	4.55	-121.33	-34.14	0	0	-120	-35	6.26	4.38	3.28	2.24	1.3	0.62	0.24
D		30030	9	6767	-30.9	134.62	463985.3	6580497	268.65	220.26	116.85	120	151.8	54557.86	0.02	0.91	4.79	-121.4	-33.91	0	0	-120	-35	5.99	4.07	2.97	1.99	1.11	0.52	0.21
D		30030	9	6767.2	-30.9	134.62	463971.6	6580497	268.82	220.35	117.11	120	151.71	54560.18	0.03	1.02	4.97	-121.47	-33.69	0	0	-120	-35	5.72	3.77	2.68	1.74	0.95	0.44	0.18
D		30030	9	6767.4	-30.9	134.62	463957.8	6580497	268.99	220.41	117.37	120	151.62	54562.45	0.05	1.15	5.23	-121.49	-33.51	0	0	-120	-35	5.47	3.48	2.41	1.52	0.8	0.36	0.16
D		30030	9	6767.6	-30.9	134.62	463944.1	6580497	269.16	220.43	117.62	120	151.54	54564.5	0.05	1.26	5.37	-121.5	-33.35	0	0	-120	-35	5.25	3.23	2.18	1.34	0.69	0.31	0.14
D		30030	9	6767.8	-30.9	134.62	463930.3	6580498	269.32	220.49	117.82	120	151.5	54566.23	0.06	1.31	5.2	-121.49	-33.2	0	0	-120	-35	5.08	3.02	1.98	1.19	0.6	0.27	0.13
D		30030	9	6768	-30.9	134.62	463916.6	6580498	269.48	220.56	117.95	120	151.53	54567.63	0.07	1.34	4.76	-121.49	-33.14	0	0	-120	-35	4.95	2.84	1.82	1.07	0.53	0.24	0.12
D		30030	9	6768.2	-30.9	134.62	463902.8	6580498	269.62	220.67	118.01	120	151.61	54568.82	0.07	1.38	4.05	-121.45	-33.07	0	0	-120	-35	4.85	2.69	1.69	0.97	0.48	0.23	0.12
D		30030	9	6768.4																										

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30030	9	6776.2	-30.9	134.61	463354	6580512	265.42	217.36	117.78	120	147.64	54579.75	-0.03	0.84	1.46	-121.86	-31.12	0	0	-120	-35	4.37	2.33	1.4	0.82	0.43	0.19	0.06
D	30030	9	6776.4	-30.9	134.61	463340.3	6580513	265.08	216.94	117.38	120	147.7	54578.18	-0.05	0.86	1.93	-121.91	-31.08	0	0	-120	-35	4.41	2.37	1.44	0.85	0.44	0.19	0.06
D	30030	9	6776.6	-30.9	134.61	463326.5	6580513	264.74	216.53	117.02	120	147.71	54576.63	-0.06	0.77	2.26	-121.95	-31.07	0	0	-120	-35	4.47	2.43	1.49	0.88	0.45	0.19	0.06
D	30030	9	6776.8	-30.9	134.61	463312.8	6580514	264.38	216.06	116.74	120	147.64	54575.13	-0.07	0.66	2.23	-121.96	-31.13	0	0	-120	-35	4.55	2.51	1.55	0.92	0.46	0.2	0.06
D	30030	9	6777	-30.9	134.61	463299	6580514	263.99	215.53	116.47	120	147.51	54573.8	-0.09	0.6	2.03	-122	-31.22	0	0	-120	-35	4.66	2.59	1.62	0.96	0.49	0.21	0.06
D	30030	9	6777.2	-30.9	134.61	463285.3	6580515	263.56	214.97	116.23	120	147.32	54572.69	-0.1	0.6	1.76	-122.02	-31.33	0	0	-120	-35	4.78	2.69	1.7	1.01	0.51	0.22	0.07
D	30030	9	6777.4	-30.9	134.61	463271.5	6580515	263.09	214.36	115.99	120	147.11	54571.74	-0.11	0.64	1.48	-122.01	-31.47	0	0	-120	-35	4.9	2.78	1.77	1.06	0.53	0.23	0.07
D	30030	9	6777.6	-30.9	134.61	463257.8	6580516	262.61	213.74	115.73	120	146.89	54570.91	-0.13	0.72	0.96	-122.02	-31.59	0	0	-120	-35	5.01	2.87	1.85	1.1	0.56	0.24	0.08
D	30030	9	6777.8	-30.9	134.61	463244	6580516	262.13	213.13	115.44	120	146.69	54570.24	-0.14	0.83	0.11	-122.01	-31.74	0	0	-120	-35	5.11	2.95	1.92	1.15	0.58	0.25	0.09
D	30030	9	6778	-30.9	134.61	463230.3	6580516	261.65	212.54	115.09	120	146.56	54569.8	-0.14	0.91	-0.69	-122	-31.88	0	0	-120	-35	5.19	3.04	1.98	1.19	0.6	0.26	0.1
D	30030	9	6778.2	-30.9	134.61	463216.5	6580517	261.18	211.96	114.68	120	146.5	54569.65	-0.15	0.93	-1.38	-121.98	-32.03	0	0	-120	-35	5.27	3.12	2.06	1.24	0.62	0.27	0.11
D	30030	9	6778.4	-30.9	134.61	463202.7	6580517	260.72	211.39	114.23	120	146.5	54569.78	-0.16	0.94	-1.98	-121.94	-32.2	0	0	-120	-35	5.36	3.23	2.15	1.29	0.66	0.29	0.12
D	30030	9	6778.6	-30.9	134.61	463189	6580517	260.28	210.83	113.8	120	146.48	54570.09	-0.17	0.99	-2.5	-121.91	-32.4	0	0	-120	-35	5.47	3.35	2.25	1.37	0.7	0.31	0.14
D	30030	9	6778.8	-30.9	134.61	463175.2	6580518	259.86	210.3	113.46	120	146.39	54570.55	-0.18	1.04	-2.95	-121.84	-32.65	0	0	-120	-35	5.62	3.5	2.38	1.46	0.75	0.34	0.16
D	30030	9	6779	-30.9	134.61	463161.4	6580518	259.47	209.85	113.24	120	146.23	54571.3	-0.18	1.15	-3.66	-121.77	-32.9	0	0	-120	-35	5.79	3.67	2.53	1.56	0.81	0.38	0.18
D	30030	9	6779.2	-30.9	134.61	463147.7	6580518	259.11	209.55	113.13	120	145.99	54572.54	-0.18	1.22	-4.45	-121.67	-33.19	0	0	-120	-35	5.97	3.85	2.68	1.67	0.88	0.42	0.21
D	30030	9	6779.4	-30.9	134.61	463133.9	6580518	258.79	209.33	113.06	120	145.74	54574.38	-0.17	1.23	-4.76	-121.54	-33.44	0	0	-120	-35	6.15	4.02	2.83	1.79	0.96	0.47	0.24
D	30030	9	6779.6	-30.9	134.61	463120.1	6580518	258.49	209.18	112.93	120	145.56	54576.7	-0.16	1.23	-4.41	-121.44	-33.69	0	0	-120	-35	6.31	4.17	2.97	1.89	1.03	0.52	0.27
D	30030	9	6779.8	-30.9	134.61	463106.4	6580519	258.19	209.01	112.65	120	145.54	54579.36	-0.15	1.27	-3.67	-121.33	-33.94	0	0	-120	-35	6.42	4.28	3.07	1.98	1.1	0.56	0.3
D	30030	9	6780	-30.9	134.61	463092.6	6580519	257.86	208.78	112.14	120	145.72	54582.32	-0.13	1.4	-2.91	-121.21	-34.15	0	0	-120	-35	6.49	4.35	3.13	2.04	1.15	0.61	0.33
D	30030	9	6780.2	-30.9	134.61	463078.8	6580519	257.51	208.47	111.39	120	146.11	54585.62	-0.1	1.54	-2.3	-121.12	-34.34	0	0	-120	-35	6.51	4.37	3.16	2.07	1.19	0.64	0.36
D	30030	9	6780.4	-30.9	134.61	463065.1	6580519	257.14	208.09	110.54	120	146.59	54589.22	-0.07	1.66	-1.81	-121.03	-34.5	0	0	-120	-35	6.49	4.35	3.14	2.08	1.21	0.67	0.38
D	30030	9	6780.6	-30.9	134.61	463051.3	6580519	256.77	207.63	109.75	120	147.02	54593.04	-0.04	1.8	-1.46	-120.96	-34.69	0	0	-120	-35	6.45	4.29	3.09	2.06	1.22	0.69	0.4
D	30030	9	6780.8	-30.9	134.61	463037.6	6580518	256.43	207.18	109.17	120	147.26	54596.97	-0.01	1.99	-1.38	-120.89	-34.88	0	0	-120	-35	6.4	4.21	3.02	2.02	1.22	0.71	0.41
D	30030	9	6781	-30.9	134.61	463023.8	6580518	256.14	206.79	108.89	120	147.25	54600.97	0.01	2.24	-1.58	-120.79	-35.05	0	0	-120	-35	6.36	4.11	2.94	1.97	1.2	0.71	0.42
D	30030	9	6781.2	-30.9	134.61	463010.1	6580518	255.91	206.5	108.87	120	147.04	54604.97	0.04	2.49	-1.76	-120.7	-35.26	0	0	-120	-35	6.32	4.01	2.84	1.9	1.17	0.71	0.43
D	30030	9	6781.4	-30.9	134.61	462996.4	6580518	255.73	206.35	109.01	120	146.72	54608.86	0.07	2.72	-1.78	-120.63	-35.5	0	0	-120	-35	6.3	3.91	2.74	1.83	1.14	0.7	0.42
D	30030	9	6781.6	-30.9	134.61	462982.6	6580518	255.59	206.3	109.17	120	146.42	54612.51	0.09	2.9	-1.67	-120.56	-35.79	0	0	-120	-35	6.27	3.8	2.63	1.75	1.09	0.68	0.42
D	30030	9	6781.8	-30.9	134.61	462968.9	6580518	255.5	206.3	109.23	120	146.26	54615.85	0.11	2.99	-1.5	-120.49	-36.11	0	0	-120	-35	6.25	3.69	2.52	1.66	1.04	0.65	0.4
D	30030	9	6782	-30.9	134.61	462955.2	6580517	255.43	206.33	109.15	120	146.28	54618.94	0.13	3.02	-1.27	-120.4	-36.5	0	0	-120	-35	6.21	3.56	2.39	1.56	0.98	0.61	0.38
D	30030	9	6782.2	-30.9	134.61	462941.6	6580517	255.39	206.33	108.89	120	146.5	54621.82	0.14	3.03	-1.01	-120.3	-36.88	0	0	-120	-35	6.14	3.43	2.26	1.46	0.91	0.57	0.36
D	30030	9	6782.4	-30.9	134.61	462927.9	6580517	255.38	206.29	108.54	120	146.84	54624.47	0.15	3.05	-0.62	-120.18	-37.32	0	0	-120	-35	6.06	3.28	2.12	1.36	0.84	0.53	0.34
D	30030	9	6782.6	-30.9	134.61	462914.2	6580517	255.4	206.26	108.18	120	147.22	54626.81	0.15	3.06	-0.04	-120.05	-37.71	0	0	-120	-35	5.94	3.12	1.98	1.26	0.77	0.49	0.31
D	30030	9	6782.8	-30.9	134.61	462900.6	6580516	255.44	206.25	107.94	120	147.5	54628.82	0.16	3.05	0.34	-119.91	-38.09	0	0	-120	-35	5.81	2.96	1.85	1.16	0.7	0.44	0.29
D	30030	9	6783	-30.9	134.61	462887	6580516	255.52	206.35	107.93	120	147.59	54630.56	0.16	3	0.45	-119.76	-38.42	0	0	-120	-35	5.65	2.8	1.71	1.06	0.63	0.4	0.26
D	30030	9	6783.2	-30.9	134.61	462873.3	6580516	255.63	206.57	108.19	120	147.44	54632.13	0.16	2.9	0.37	-119.62	-38.7	0	0	-120	-35	5.49	2.64	1.59	0.97	0.57	0.36	0.23
D	30030	9	6783.4	-30.9	134.61	462859.7	6580515	255.76	206.85	108.7	120	147.06	54633.59	0.16	2.8	0.27	-119.48	-38.91	0	0	-120	-35	5.34	2.5	1.49	0.89	0.51	0.32	0.21
D	30030	9	6783.6	-30.9	134.61	462846.1	6580515	255.91	207.17	109.36	120	146.55	54634.94	0.16	2.67	0.14	-119.38	-39.05	0	0	-120	-35	5.21	2.38	1.4	0.82	0.46	0.28	0.18
D	30030	9	6783.8	-30.9	134.61	462832.5	6580515	256.04	207.46	110.1	120	145.94	54636.17	0.15	2.53	0.05	-119.3	-39.16	0	0	-120	-35	5.11	2.3	1.35	0.78	0.43	0.25	0.16
D	30030	9	6784	-30.9	134.61	462818.9	6580514	256.14	207.67	110.8	120	145.34	54637.25	0.15	2.48	0.2	-119.21	-39.19	0	0	-120	-35	5.05	2.26	1.32	0.75	0.4	0.23	0.14
D	30030	9	6784.2	-30.9	134.61	462805.3	6580514	256.2	207.8	111.42	120	144.78	54638.18	0.15	2.54	0.42	-119.15	-39.15	0	0	-120	-35	5.03	2.26	1.32	0.74	0.39	0.22	0.13
D	30030	9	6784.4	-30.9	134.61	462791.7	6580514	256.23	207.85	111.97	120	144.26	54638.92	0.14	2.67	0.7	-119.12	-39.08	0	0	-120	-35	5.04	2.29	1.35	0.76	0.4	0.21	0.12
D	30030	9	6784.6	-30.9	134.61	462778.2	6580513	256.25	207.84	112.46	120	143.8	54639.49	0.13	2.84	1.08	-119.11	-38.99	0	0	-120	-35	5.06	2.35	1.41	0.8	0.42	0.22	0.12
D	30030	9	67																										

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D		30030	9	6792.6	-30.9	134.6	462237.2	6580498	258.33	211.32	116.77	120	141.57	54682.33	0.38	1.05	3.4	-122.55	-31.66	0	0	-120	-35	5.7	4.39	3.66	3	2.33	1.72	1.18
D		30030	9	6792.8	-30.9	134.6	462223.6	6580498	258.13	211.14	116.97	120	141.16	54680.74	0.37	1.17	3.53	-122.6	-31.72	0	0	-120	-35	5.67	4.33	3.59	2.92	2.25	1.66	1.14
D		30030	9	6793	-30.9	134.6	462209.9	6580497	257.96	210.94	117.15	120	140.82	54678.58	0.36	1.28	3.45	-122.61	-31.87	0	0	-120	-35	5.67	4.29	3.54	2.86	2.19	1.6	1.1
D		30030	9	6793.2	-30.9	134.6	462196.2	6580497	257.85	210.7	117.33	120	140.52	54675.95	0.34	1.38	3.31	-122.59	-32.17	0	0	-120	-35	5.69	4.28	3.51	2.83	2.16	1.56	1.07
D		30030	9	6793.4	-30.9	134.6	462182.6	6580497	257.79	210.42	117.53	120	140.26	54672.91	0.31	1.46	3.27	-122.5	-32.52	0	0	-120	-35	5.74	4.3	3.51	2.82	2.14	1.54	1.04
D		30030	9	6793.6	-30.9	134.6	462168.9	6580497	257.78	210.12	117.76	120	140.02	54669.48	0.28	1.54	3.26	-122.4	-33	0	0	-120	-35	5.81	4.33	3.53	2.83	2.13	1.53	1.03
D		30030	9	6793.8	-30.9	134.6	462155.2	6580497	257.8	209.84	118.04	120	139.76	54665.7	0.24	1.6	3.2	-122.18	-33.58	0	0	-120	-35	5.87	4.38	3.56	2.85	2.14	1.53	1.02
D		30030	9	6794	-30.9	134.6	462141.5	6580496	257.85	209.7	118.34	120	139.51	54661.69	0.21	1.64	3.08	-121.94	-34.22	0	0	-120	-35	5.93	4.42	3.6	2.87	2.16	1.53	1.01
D		30030	9	6794.2	-30.9	134.6	462127.8	6580496	257.93	209.74	118.67	120	139.26	54657.59	0.18	1.6	2.81	-121.62	-34.91	0	0	-120	-35	5.98	4.46	3.63	2.9	2.18	1.53	1
D		30030	9	6794.4	-30.9	134.6	462114	6580496	258.04	209.93	118.99	120	139.05	54653.52	0.14	1.5	2.46	-121.28	-35.55	0	0	-120	-35	6.01	4.49	3.66	2.92	2.19	1.54	1
D		30030	9	6794.6	-30.9	134.6	462100.3	6580496	258.17	210.17	119.28	120	138.88	54649.5	0.11	1.41	2.06	-120.94	-36.18	0	0	-120	-35	6.02	4.51	3.68	2.94	2.21	1.54	0.99
D		30030	9	6794.8	-30.9	134.6	462086.6	6580496	258.31	210.36	119.52	120	138.79	54645.58	0.08	1.36	1.63	-120.55	-36.68	0	0	-120	-35	6.01	4.52	3.69	2.95	2.22	1.55	0.99
D		30030	9	6795	-30.9	134.6	462072.9	6580496	258.46	210.42	119.71	120	138.75	54641.85	0.06	1.39	1.02	-120.23	-37.11	0	0	-120	-35	5.99	4.51	3.7	2.96	2.23	1.55	0.99
D		30030	9	6795.2	-30.9	134.6	462059.2	6580496	258.61	210.4	119.85	120	138.76	54638.4	0.04	1.44	0.31	-119.9	-37.45	0	0	-120	-35	5.97	4.51	3.7	2.98	2.24	1.56	0.99
D		30030	9	6795.4	-30.9	134.6	462045.4	6580496	258.76	210.38	119.96	120	138.8	54635.2	0.02	1.44	-0.16	-119.66	-37.72	0	0	-120	-35	5.93	4.5	3.71	2.99	2.26	1.58	1.01
D		30030	9	6795.6	-30.9	134.6	462031.7	6580496	258.91	210.38	120.08	120	138.82	54632.2	0.01	1.42	-0.56	-119.44	-37.92	0	0	-120	-35	5.89	4.49	3.72	3.02	2.3	1.61	1.03
D		30030	9	6795.8	-30.9	134.6	462018	6580496	259.05	210.47	120.23	120	138.82	54629.39	0	1.39	-0.93	-119.25	-38.04	0	0	-120	-35	5.86	4.48	3.74	3.05	2.34	1.66	1.07
D		30030	9	6796	-30.9	134.6	462004.2	6580496	259.2	210.65	120.39	120	138.8	54626.8	-0.01	1.35	-1.17	-119.13	-38.12	0	0	-120	-35	5.81	4.48	3.76	3.09	2.4	1.72	1.13
D		30030	9	6796.2	-30.9	134.6	461990.5	6580495	259.33	210.88	120.56	120	138.77	54624.51	-0.01	1.29	-1.35	-119.05	-38.17	0	0	-120	-35	5.77	4.48	3.79	3.15	2.47	1.8	1.2
D		30030	9	6796.4	-30.9	134.6	461976.7	6580495	259.47	211.13	120.69	120	138.78	54622.51	-0.02	1.23	-1.28	-119	-38.15	0	0	-120	-35	5.73	4.49	3.83	3.22	2.56	1.9	1.29
D		30030	9	6796.6	-30.9	134.6	461963	6580495	259.59	211.38	120.78	120	138.81	54620.76	-0.02	1.15	-0.95	-118.98	-38.11	0	0	-120	-35	5.7	4.51	3.89	3.3	2.66	2.01	1.4
D		30030	9	6796.8	-30.9	134.6	461949.2	6580495	259.7	211.62	120.87	120	138.83	54619.19	-0.02	1.09	-0.55	-118.99	-38.04	0	0	-120	-35	5.68	4.53	3.95	3.39	2.78	2.14	1.51
D		30030	9	6797	-30.9	134.6	461935.5	6580495	259.81	211.82	121.01	120	138.8	54617.77	-0.02	1.02	-0.2	-119.03	-37.96	0	0	-120	-35	5.67	4.56	4.01	3.48	2.89	2.26	1.63
D		30030	9	6797.2	-30.9	134.6	461921.7	6580495	259.9	211.97	121.26	120	138.64	54616.53	-0.01	0.95	0.03	-119.11	-37.84	0	0	-120	-35	5.66	4.58	4.07	3.57	3	2.38	1.74
D		30030	9	6797.4	-30.9	134.6	461908	6580494	259.97	212.06	121.66	120	138.32	54615.47	-0.01	0.9	0.14	-119.18	-37.65	0	0	-120	-35	5.65	4.6	4.12	3.65	3.1	2.5	1.86
D		30040	9	6619.8	-30.91	134.6	462638.3	6579503	264.39	216.11	124.14	120	140.26	54685.97	0.18	1.88	0.73	-119.55	-36.9	0	0	-120	-35	0.31						
D		30040	9	6620	-30.91	134.6	462651.2	6579503	264.41	216.11	124.04	120	140.36	54685.98	0.18	1.91	0.97	-119.51	-36.9	0	0	-120	-35	0.35						
D		30040	9	6620.2	-30.91	134.6	462664.2	6579502	264.41	216.12	124.08	120	140.34	54685.94	0.19	1.93	1.29	-119.51	-36.91	0	0	-120	-35	0.41						
D		30040	9	6620.4	-30.91	134.6	462677.1	6579502	264.42	216.15	124.25	120	140.17	54685.85	0.19	1.92	1.58	-119.51	-36.91	0	0	-120	-35	0.48						
D		30040	9	6620.6	-30.91	134.6	462690.1	6579502	264.43	216.22	124.47	120	139.96	54685.7	0.2	1.93	1.79	-119.5	-36.87	0	0	-120	-35	0.57	0.12	0.02				
D		30040	9	6620.8	-30.91	134.6	462703	6579502	264.45	216.3	124.65	120	139.8	54685.54	0.21	1.91	1.81	-119.51	-36.86	0	0	-120	-35	0.69	0.16	0.05	0.03			
D		30040	9	6621	-30.91	134.6	462715.9	6579501	264.48	216.36	124.72	120	139.76	54685.34	0.22	1.83	1.73	-119.54	-36.88	0	0	-120	-35	0.82	0.23	0.09	0.06	0.02		
D		30040	9	6621.2	-30.91	134.6	462728.8	6579501	264.52	216.38	124.7	120	139.83	54685.02	0.23	1.69	1.64	-119.53	-36.87	0	0	-120	-35	0.98	0.31	0.16	0.1	0.05		
D		30040	9	6621.4	-30.91	134.61	462741.8	6579501	264.58	216.37	124.63	120	139.95	54684.51	0.24	1.52	1.66	-119.57	-36.87	0	0	-120	-35	1.16	0.42	0.24	0.16	0.09	0.04	
D		30040	9	6621.6	-30.91	134.61	462754.7	6579500	264.64	216.34	124.54	120	140.1	54683.77	0.25	1.32	1.75	-119.58	-36.84	0	0	-120	-35	1.36	0.55	0.35	0.24	0.15	0.07	0.03
D		30040	9	6621.8	-30.91	134.61	462767.7	6579500	264.7	216.31	124.44	120	140.26	54682.8	0.25	1.11	1.87	-119.62	-36.84	0	0	-120	-35	1.59	0.72	0.49	0.35	0.22	0.12	0.05
D		30040	9	6622	-30.91	134.61	462780.6	6579500	264.75	216.29	124.33	120	140.42	54681.6	0.25	0.92	2.05	-119.66	-36.79	0	0	-120	-35	1.84	0.92	0.65	0.47	0.31	0.18	0.08
D		30040	9	6622.2	-30.91	134.61	462793.5	6579499	264.78	216.21	124.18	120	140.61	54680.14	0.25	0.74	2.29	-119.68	-36.72	0	0	-120	-35	2.12	1.15	0.84	0.62	0.42	0.25	0.13
D		30040	9	6622.4	-30.91	134.61	462806.5	6579499	264.81	216.06	123.99	120	140.81	54678.35	0.24	0.59	2.51	-119.72	-36.63	0	0	-120	-35	2.42	1.41	1.06	0.79	0.55	0.34	0.18
D		30040	9	6622.6	-30.91	134.61	462819.5	6579498	264.82	215.85	123.8	120	141.02	54676.24	0.23	0.48	2.59	-119.74	-36.51	0	0	-120	-35	2.74	1.71	1.31	1	0.7	0.45	0.24
D		30040	9	6622.8	-30.91	134.61	462832.4	6579498	264.83	215.62	123.56	120	141.26	54673.85	0.22	0.45	2.43	-119.77	-36.35	0	0	-120	-35	3.08	2.02	1.58	1.22	0.87	0.57	0.32
D		30040	9	6623	-30.91	134.61	462845.4	6579497	264.82	215.46	123.31	120	141.51	54671.3	0.2	0.45	2.1	-119.81	-36.18	0	0	-120	-35	3.43	2.36	1.88	1.47	1.07	0.71	0.42
D		30040	9	6623.2	-30.91	134.61	462858.4	6579497	264.82	215.37	123.03	120	141.79	54668.64	0.19	0.45	1.64	-119.82	-35.99	0	0	-120	-35	3.78	2.7	2.18	1.73	1.28	0.87	0.53
D		30040	9	6623.4	-30.91	134.61																								

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30040	9	6631.2	-30.91	134.61	463379.9	6579492	265.07	216.4	124.61	120	140.46	54580.1	-0.09	1.53	-0.5	-120.8	-34.65	0	0	-120	-35	4.55	3.61	3.24	2.95	2.67	2.38	2.08
D	30040	9	6631.4	-30.91	134.61	463392.9	6579492	265.29	216.49	124.34	120	140.95	54579.22	-0.09	1.44	-0.34	-120.75	-34.76	0	0	-120	-35	4.53	3.59	3.23	2.94	2.66	2.37	2.07
D	30040	9	6631.6	-30.91	134.61	463406	6579492	265.51	216.66	124.08	120	141.43	54578.47	-0.09	1.39	-0.06	-120.68	-34.83	0	0	-120	-35	4.51	3.58	3.21	2.93	2.65	2.36	2.07
D	30040	9	6631.8	-30.91	134.61	463419	6579492	265.72	217	123.91	120	141.81	54577.83	-0.09	1.32	0.22	-120.58	-34.91	0	0	-120	-35	4.47	3.55	3.2	2.91	2.64	2.35	2.06
D	30040	9	6632	-30.91	134.61	463432.1	6579492	265.9	217.44	123.9	120	142.01	54577.27	-0.09	1.21	0.52	-120.49	-34.99	0	0	-120	-35	4.43	3.53	3.18	2.89	2.62	2.34	2.04
D	30040	9	6632.2	-30.91	134.61	463445.1	6579493	266.04	217.89	124.09	120	141.96	54576.81	-0.09	1.05	0.88	-120.37	-35.03	0	0	-120	-35	4.39	3.5	3.15	2.87	2.6	2.32	2.03
D	30040	9	6632.4	-30.91	134.61	463458.1	6579493	266.15	218.21	124.46	120	141.69	54576.46	-0.09	0.87	1.33	-120.29	-35.09	0	0	-120	-35	4.34	3.47	3.13	2.85	2.58	2.3	2.02
D	30040	9	6632.6	-30.91	134.61	463471.1	6579493	266.23	218.33	124.91	120	141.31	54576.21	-0.08	0.74	1.92	-120.22	-35.09	0	0	-120	-35	4.3	3.44	3.1	2.83	2.56	2.28	2
D	30040	9	6632.8	-30.91	134.61	463484.2	6579493	266.27	218.33	125.33	120	140.95	54576	-0.08	0.65	2.66	-120.16	-35.07	0	0	-120	-35	4.27	3.42	3.08	2.81	2.54	2.27	1.99
D	30040	9	6633	-30.91	134.61	463497.2	6579493	266.3	218.28	125.6	120	140.7	54575.86	-0.08	0.58	3.34	-120.13	-35.04	0	0	-120	-35	4.25	3.4	3.07	2.8	2.53	2.26	1.98
D	30040	9	6633.2	-30.91	134.61	463510.2	6579493	266.3	218.28	125.7	120	140.61	54575.79	-0.08	0.54	3.9	-120.09	-34.96	0	0	-120	-35	4.24	3.4	3.06	2.79	2.52	2.25	1.97
D	30040	9	6633.4	-30.91	134.61	463523.2	6579493	266.28	218.33	125.66	120	140.62	54575.84	-0.08	0.48	4.26	-120.07	-34.91	0	0	-120	-35	4.24	3.4	3.06	2.79	2.52	2.25	1.96
D	30040	9	6633.6	-30.91	134.61	463536.3	6579493	266.23	218.37	125.53	120	140.7	54575.97	-0.07	0.39	4.56	-120.07	-34.85	0	0	-120	-35	4.25	3.4	3.06	2.79	2.52	2.25	1.96
D	30040	9	6633.8	-30.91	134.61	463549.3	6579494	266.17	218.36	125.36	120	140.81	54576.19	-0.07	0.29	4.92	-120.08	-34.75	0	0	-120	-35	4.25	3.41	3.06	2.79	2.52	2.25	1.96
D	30040	9	6634	-30.91	134.61	463562.3	6579493	266.09	218.27	125.16	120	140.94	54576.52	-0.07	0.2	5.34	-120.09	-34.69	0	0	-120	-35	4.26	3.41	3.07	2.8	2.53	2.25	1.96
D	30040	9	6634.2	-30.91	134.61	463575.4	6579493	266	218.12	124.92	120	141.09	54576.99	-0.06	0.06	5.7	-120.13	-34.57	0	0	-120	-35	4.27	3.42	3.07	2.8	2.53	2.25	1.96
D	30040	9	6634.4	-30.91	134.61	463588.4	6579493	265.9	217.92	124.65	120	141.26	54577.59		0.1	5.99	-120.21	-34.44	0	0	-120	-35	4.28	3.43	3.08	2.81	2.54	2.25	1.96
D	30040	9	6634.6	-30.91	134.61	463601.5	6579493	265.78	217.7	124.37	120	141.42	54578.29		0.26	6.29	-120.31	-34.3	0	0	-120	-35	4.3	3.44	3.09	2.82	2.54	2.26	1.96
D	30040	9	6634.8	-30.91	134.61	463614.6	6579493	265.64	217.41	124.08	120	141.56	54579.06		0.34	6.53	-120.43	-34.06	0	0	-120	-35	4.31	3.45	3.11	2.83	2.55	2.26	1.96
D	30040	9	6635	-30.91	134.61	463627.6	6579493	265.46	217.08	123.78	120	141.68	54579.91		0.32	6.47	-120.57	-33.82	0	0	-120	-35	4.33	3.47	3.12	2.84	2.56	2.27	1.96
D	30040	9	6635.2	-30.91	134.61	463640.7	6579492	265.24	216.7	123.49	120	141.76	54580.8		0.25	6.16	-120.76	-33.46	0	0	-120	-35	4.34	3.48	3.13	2.85	2.57	2.27	1.96
D	30040	9	6635.4	-30.91	134.61	463653.7	6579492	265	216.26	123.23	120	141.77	54581.72		0.1	5.63	-120.96	-33.09	0	0	-120	-35	4.36	3.5	3.15	2.86	2.57	2.27	1.96
D	30040	9	6635.6	-30.91	134.61	463666.8	6579492	264.74	215.8	123.02	120	141.71	54582.66	-0.01	0.11	4.92	-121.15	-32.69	0	0	-120	-35	4.37	3.51	3.16	2.87	2.58	2.27	1.96
D	30040	9	6635.8	-30.91	134.61	463679.9	6579491	264.46	215.31	122.89	120	141.58	54583.65	0	0.38	4.11	-121.35	-32.24	0	0	-120	-35	4.38	3.53	3.17	2.88	2.58	2.28	1.95
D	30040	9	6636	-30.91	134.62	463692.9	6579491	264.2	214.81	122.78	120	141.41	54584.71	0.01	0.66	3.31	-121.55	-31.83	0	0	-120	-35	4.39	3.54	3.17	2.89	2.59	2.28	1.95
D	30040	9	6636.2	-30.91	134.62	463706	6579491	263.93	214.33	122.66	120	141.28	54585.83	0.02	0.92	2.61	-121.74	-31.48	0	0	-120	-35	4.4	3.55	3.18	2.89	2.59	2.28	1.94
D	30040	9	6636.4	-30.91	134.62	463719.1	6579490	263.68	213.9	122.48	120	141.2	54586.93	0.04	1.14	1.9	-121.91	-31.2	0	0	-120	-35	4.42	3.56	3.19	2.9	2.6	2.28	1.94
D	30040	9	6636.6	-30.91	134.62	463732.2	6579490	263.43	213.53	122.22	120	141.21	54587.96	0.05	1.32	1.22	-122.04	-31.01	0	0	-120	-35	4.44	3.57	3.2	2.91	2.6	2.28	1.94
D	30040	9	6636.8	-30.91	134.62	463745.2	6579490	263.19	213.24	121.88	120	141.32	54588.88	0.06	1.49	0.56	-122.14	-30.89	0	0	-120	-35	4.47	3.58	3.22	2.92	2.61	2.29	1.94
D	30040	9	6637	-30.91	134.62	463758.3	6579489	262.97	213.06	121.49	120	141.48	54589.7	0.07	1.6	-0.1	-122.19	-30.87	0	0	-120	-35	4.5	3.6	3.24	2.94	2.63	2.3	1.94
D	30040	9	6637.2	-30.91	134.62	463771.3	6579489	262.76	212.98	121.08	120	141.67	54590.41	0.08	1.64	-0.71	-122.22	-30.91	0	0	-120	-35	4.54	3.62	3.26	2.96	2.64	2.31	1.95
D	30040	9	6637.4	-30.91	134.62	463784.4	6579489	262.56	213	120.69	120	141.87	54591.01	0.09	1.62	-1.17	-122.22	-31.01	0	0	-120	-35	4.58	3.65	3.29	2.98	2.66	2.32	1.96
D	30040	9	6637.6	-30.91	134.62	463797.4	6579489	262.37	213.05	120.3	120	142.07	54591.46	0.09	1.57	-1.45	-122.21	-31.22	0	0	-120	-35	4.62	3.68	3.31	3	2.68	2.33	1.96
D	30040	9	6637.8	-30.91	134.62	463810.5	6579488	262.18	213.06	119.94	120	142.24	54591.76	0.1	1.51	-1.56	-122.16	-31.41	0	0	-120	-35	4.67	3.71	3.34	3.03	2.7	2.35	1.97
D	30040	9	6638	-30.91	134.62	463823.5	6579488	261.98	212.97	119.59	120	142.39	54591.9	0.1	1.48	-1.54	-122.13	-31.66	0	0	-120	-35	4.72	3.74	3.36	3.05	2.72	2.36	1.98
D	30040	9	6638.2	-30.91	134.62	463836.5	6579488	261.77	212.75	119.3	120	142.47	54591.89	0.1	1.47	-1.49	-122.04	-31.97	0	0	-120	-35	4.77	3.78	3.39	3.07	2.74	2.37	1.98
D	30040	9	6638.4	-30.91	134.62	463849.6	6579488	261.54	212.41	119.09	120	142.46	54591.7	0.1	1.5	-1.42	-121.95	-32.32	0	0	-120	-35	4.82	3.81	3.42	3.09	2.75	2.38	1.99
D	30040	9	6638.6	-30.91	134.62	463862.6	6579488	261.33	211.99	118.96	120	142.38	54591.32	0.1	1.56	-1.33	-121.84	-32.74	0	0	-120	-35	4.87	3.85	3.44	3.11	2.76	2.39	1.99
D	30040	9	6638.8	-30.91	134.62	463875.6	6579488	261.16	211.58	118.87	120	142.28	54590.76	0.09	1.64	-1.27	-121.68	-33.18	0	0	-120	-35	4.92	3.88	3.47	3.13	2.78	2.4	1.99
D	30040	9	6639	-30.91	134.62	463888.6	6579488	261.03	211.27	118.78	120	142.24	54590.1	0.08	1.7	-1.39	-121.51	-33.69	0	0	-120	-35	4.98	3.92	3.49	3.15	2.8	2.42	2
D	30040	9	6639.2	-30.91	134.62	463901.6	6579488	260.95	211.11	118.64	120	142.32	54589.37	0.08	1.68	-1.62	-121.34	-34.24	0	0	-120	-35	5.05	3.96	3.52	3.18	2.81	2.43	2.01
D	30040	9	6639.4	-30.91	134.62	463914.7	6579488	260.93	211.08	118.42	120	142.51	54588.51	0.07	1.59	-1.85	-121.14	-34.81	0	0	-120	-35	5.11	4	3.56	3.2	2.83	2.44	2.01
D	30040	9	6639.6	-30.91	134.62	463927.7	6579488	260.95	211.14	118.17	120	142.77	54587.54	0.06	1.5	-2.12	-120.89	-35.4	0	0	-120	-35	5.19	4.04	3.59	3.23	2.85	2.46	2.02
D	30040	9	663																										

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30040	9	6647.6	-30.91	134.62	464446.8	6579502	261.7	213.76	118.13	120	143.56	54560.19	0.05	1.59	1.41	-121.57	-32.07	0	0	-120	-35	5.46	4.3	3.74	3.26	2.72	2.17	1.61
D	30040	9	6647.8	-30.91	134.62	464459.8	6579503	261.67	213.51	118.28	120	143.38	54558.55	0.05	1.65	1.63	-121.63	-32.18	0	0	-120	-35	5.47	4.31	3.74	3.27	2.75	2.2	1.65
D	30040	9	6648	-30.91	134.62	464472.9	6579503	261.68	213.45	118.44	120	143.23	54556.75	0.04	1.63	1.68	-121.71	-32.39	0	0	-120	-35	5.48	4.31	3.74	3.28	2.77	2.24	1.7
D	30040	9	6648.2	-30.91	134.62	464485.9	6579503	261.73	213.49	118.59	120	143.14	54554.91	0.03	1.54	1.68	-121.76	-32.66	0	0	-120	-35	5.47	4.3	3.73	3.28	2.78	2.27	1.74
D	30040	9	6648.4	-30.91	134.62	464498.9	6579503	261.82	213.62	118.7	120	143.11	54553.1	0.02	1.42	1.64	-121.77	-32.98	0	0	-120	-35	5.47	4.29	3.72	3.27	2.79	2.29	1.78
D	30040	9	6648.6	-30.91	134.62	464511.9	6579503	261.94	213.76	118.85	120	143.09	54551.23	0.01	1.33	1.51	-121.78	-33.34	0	0	-120	-35	5.46	4.26	3.7	3.26	2.8	2.32	1.82
D	30040	9	6648.8	-30.91	134.62	464525	6579503	262.08	213.9	119.05	120	143.03	54549.21	0	1.26	1.22	-121.72	-33.72	0	0	-120	-35	5.44	4.23	3.67	3.24	2.79	2.33	1.85
D	30040	9	6649	-30.91	134.62	464538	6579504	262.24	214.05	119.3	120	142.93	54547.04	-0.01	1.25	0.69	-121.64	-34.11	0	0	-120	-35	5.41	4.19	3.64	3.22	2.78	2.34	1.88
D	30040	9	6649.2	-30.91	134.62	464551	6579504	262.4	214.24	119.57	120	142.83	54544.91	-0.01	1.31	-0.05	-121.5	-34.45	0	0	-120	-35	5.38	4.14	3.6	3.18	2.77	2.34	1.9
D	30040	9	6649.4	-30.91	134.62	464564	6579504	262.57	214.49	119.82	120	142.75	54542.98	-0.02	1.4	-0.83	-121.27	-34.77	0	0	-120	-35	5.34	4.09	3.57	3.15	2.74	2.33	1.91
D	30040	9	6649.6	-30.91	134.62	464577	6579504	262.74	214.78	120	120	142.74	54541.26	-0.03	1.47	-1.3	-121.05	-35.08	0	0	-120	-35	5.29	4.05	3.53	3.11	2.72	2.32	1.92
D	30040	9	6649.8	-30.91	134.62	464590	6579504	262.9	215.16	120.11	120	142.79	54539.57	-0.04	1.48	-1.36	-120.8	-35.31	0	0	-120	-35	5.25	4.01	3.49	3.08	2.69	2.31	1.92
D	30040	9	6650	-30.91	134.62	464603.1	6579504	263.05	215.57	120.15	120	142.9	54537.87	-0.05	1.41	-1.47	-120.56	-35.53	0	0	-120	-35	5.22	3.98	3.47	3.05	2.67	2.29	1.92
D	30040	9	6650.2	-30.91	134.62	464616.1	6579505	263.18	215.97	120.13	120	143.05	54536.21	-0.05	1.3	-1.65	-120.36	-35.71	0	0	-120	-35	5.2	3.96	3.45	3.03	2.65	2.28	1.92
D	30040	9	6650.4	-30.91	134.62	464629.1	6579505	263.3	216.35	120.04	120	143.26	54534.64	-0.06	1.16	-1.75	-120.16	-35.84	0	0	-120	-35	5.19	3.95	3.43	3.02	2.63	2.27	1.91
D	30040	9	6650.6	-30.91	134.62	464642.1	6579505	263.39	216.51	119.87	120	143.52	54533.16	-0.06	1.04	-1.72	-120.01	-35.88	0	0	-120	-35	5.2	3.95	3.43	3.02	2.63	2.27	1.91
D	30040	9	6650.8	-30.91	134.63	464655.2	6579505	263.44	216.46	119.64	120	143.79	54531.77	-0.07	1.03	-1.56	-119.88	-35.91	0	0	-120	-35	5.22	3.97	3.44	3.02	2.63	2.26	1.91
D	30040	9	6651	-30.91	134.63	464668.2	6579505	263.44	216.23	119.41	120	144.03	54530.51	-0.07	1.09	-1.29	-119.81	-35.85	0	0	-120	-35	5.24	3.98	3.44	3.02	2.63	2.26	1.9
D	30040	9	6651.2	-30.91	134.63	464681.2	6579505	263.38	215.87	119.22	120	144.16	54529.43	-0.07	1.19	-0.92	-119.79	-35.7	0	0	-120	-35	5.25	3.98	3.44	3.02	2.62	2.25	1.89
D	30040	9	6651.4	-30.91	134.63	464694.2	6579506	263.28	215.54	119.09	120	144.18	54528.51	-0.08	1.32	-0.51	-119.81	-35.52	0	0	-120	-35	5.25	3.98	3.43	3.01	2.62	2.24	1.88
D	30040	9	6651.6	-30.91	134.63	464707.2	6579506	263.15	215.29	118.99	120	144.15	54527.68	-0.08	1.41	-0.04	-119.86	-35.25	0	0	-120	-35	5.22	3.96	3.41	2.99	2.59	2.22	1.85
D	30040	9	6651.8	-30.91	134.63	464720.2	6579506	263.01	215.1	118.85	120	144.16	54526.89	-0.07	1.46	0.38	-120.02	-35	0	0	-120	-35	5.19	3.94	3.38	2.97	2.57	2.2	1.82
D	30040	9	6652	-30.91	134.63	464733.2	6579506	262.89	214.99	118.61	120	144.27	54526.15	-0.07	1.49	0.74	-120.19	-34.73	0	0	-120	-35	5.16	3.91	3.36	2.95	2.55	2.18	1.8
D	30040	9	6652.2	-30.91	134.63	464746.3	6579506	262.79	214.9	118.25	120	144.54	54525.54	-0.07	1.54	1.05	-120.38	-34.48	0	0	-120	-35	5.15	3.91	3.35	2.94	2.54	2.16	1.78
D	30040	9	6652.4	-30.91	134.63	464759.3	6579506	262.7	214.85	117.78	120	144.93	54525.07	-0.07	1.62	1.33	-120.57	-34.23	0	0	-120	-35	5.16	3.92	3.35	2.94	2.54	2.16	1.77
D	30040	9	6652.6	-30.91	134.63	464772.3	6579506	262.64	214.82	117.26	120	145.38	54524.69	-0.06	1.71	1.55	-120.75	-34.07	0	0	-120	-35	5.19	3.94	3.37	2.96	2.56	2.17	1.77
D	30040	9	6652.8	-30.91	134.63	464785.3	6579506	262.6	214.82	116.78	120	145.82	54524.4	-0.06	1.8	1.7	-120.9	-33.95	0	0	-120	-35	5.24	3.97	3.4	2.98	2.58	2.18	1.77
D	30040	9	6653	-30.91	134.63	464798.3	6579506	262.59	214.84	116.44	120	146.15	54524.18	-0.06	1.87	1.73	-121	-33.87	0	0	-120	-35	5.3	4.01	3.42	3.01	2.6	2.19	1.78
D	30040	9	6653.2	-30.91	134.63	464811.3	6579506	262.61	214.86	116.31	120	146.3	54524.02	-0.05	1.91	1.72	-121.09	-33.85	0	0	-120	-35	5.35	4.04	3.45	3.03	2.62	2.2	1.78
D	30040	9	6653.4	-30.91	134.63	464824.3	6579506	262.65	214.9	116.37	120	146.28	54523.87	-0.04	1.92	1.72	-121.13	-33.82	0	0	-120	-35	5.39	4.05	3.47	3.04	2.63	2.21	1.77
D	30040	9	6653.6	-30.91	134.63	464837.3	6579506	262.71	214.95	116.58	120	146.13	54523.76	-0.04	1.9	1.75	-121.16	-33.81	0	0	-120	-35	5.41	4.05	3.47	3.04	2.62	2.2	1.75
D	30040	9	6653.8	-30.91	134.63	464850.3	6579506	262.76	215.03	116.82	120	145.94	54523.74	-0.03	1.9	1.84	-121.18	-33.84	0	0	-120	-35	5.39	4.03	3.45	3.02	2.6	2.17	1.72
D	30040	9	6654	-30.91	134.63	464863.3	6579506	262.8	215.1	116.96	120	145.83	54523.79	-0.02	1.93	2.04	-121.19	-33.84	0	0	-120	-35	5.35	3.99	3.42	2.99	2.56	2.14	1.68
D	30040	9	6654.2	-30.91	134.63	464876.3	6579506	262.81	215.17	116.96	120	145.85	54523.82	-0.02	1.95	2.3	-121.2	-33.85	0	0	-120	-35	5.32	3.95	3.39	2.95	2.53	2.1	1.64
D	30040	9	6654.4	-30.91	134.63	464889.3	6579506	262.81	215.21	116.8	120	146.01	54523.76	-0.01	1.96	2.48	-121.23	-33.88	0	0	-120	-35	5.29	3.92	3.36	2.92	2.5	2.06	1.6
D	30040	9	6654.6	-30.91	134.63	464902.3	6579506	262.8	215.18	116.55	120	146.25	54523.58	-0.01	2	2.57	-121.2	-33.91	0	0	-120	-35	5.28	3.91	3.35	2.91	2.48	2.04	1.57
D	30040	9	6654.8	-30.91	134.63	464915.2	6579506	262.79	215.09	116.33	120	146.46	54523.32	-0.01	2.07	2.57	-121.2	-33.98	0	0	-120	-35	5.29	3.92	3.34	2.9	2.46	2.02	1.54
D	30040	9	6655	-30.91	134.63	464928.2	6579505	262.78	214.95	116.28	120	146.5	54523.03	0	2.14	2.49	-121.15	-34.03	0	0	-120	-35	5.32	3.93	3.35	2.9	2.45	1.99	1.51
D	30040	9	6655.2	-30.91	134.63	464941.2	6579505	262.79	214.75	116.47	120	146.32	54522.72	0	2.23	2.38	-121.09	-34.15	0	0	-120	-35	5.36	3.95	3.36	2.9	2.44	1.98	1.48
D	30040	9	6655.4	-30.91	134.63	464954.1	6579505	262.8	214.58	116.85	120	145.95	54522.36	0	2.32	2.29	-121.01	-34.33	0	0	-120	-35	5.39	3.96	3.36	2.89	2.43	1.95	1.45
D	30040	9	6655.6	-30.91	134.63	464967	6579505	262.84	214.52	117.32	120	145.52	54521.92	0	2.39	2.11	-120.91	-34.58	0	0	-120	-35	5.41	3.97	3.36	2.89	2.41	1.93	1.42
D	30040	9	6655.8	-30.91	134.63	464980	6579504	262.92	214.56	117.74	120	145.18	54521.45	0	2.41	1.81	-120.8	-34.93	0	0	-120	-35	5.43	3.98	3.36	2.87	2.39	1.9	1.39
D	30040	9	6656	-30.91	134.63	464992.9	6579504	263.06	214.78	118.02	120	145.04	54521	0	2.41	1.36	-120.66	-35.26	0	0	-120	-35	5.45	3.98	3.36	2.86	2.37	1.87	1.35
D																													

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30040	9	6664	-30.91	134.63	465506.7	6579498	269.67	221.05	122.91	120	146.77	54492.63	-0.05	1.63	-1	-122.29	-31.5	0	0	-120	-35	4.44	3.31	2.79	2.41	2.03	1.67	1.28
D	30040	9	6664.2	-30.91	134.63	465519.6	6579498	269.52	221	122.88	120	146.64	54491.69	-0.05	1.47	-1.22	-122.23	-31.59	0	0	-120	-35	4.47	3.33	2.81	2.42	2.03	1.66	1.26
D	30040	9	6664.4	-30.91	134.63	465532.4	6579498	269.35	220.87	122.86	120	146.49	54490.75	-0.06	1.26	-1.36	-122.13	-31.77	0	0	-120	-35	4.51	3.36	2.83	2.43	2.04	1.65	1.23
D	30040	9	6664.6	-30.91	134.63	465545.3	6579498	269.16	220.7	122.79	120	146.37	54489.84	-0.06	1.07	-1.49	-122.01	-31.97	0	0	-120	-35	4.56	3.4	2.86	2.45	2.04	1.64	1.21
D	30040	9	6664.8	-30.91	134.63	465558.1	6579499	268.95	220.48	122.65	120	146.3	54489	-0.07	0.92	-1.5	-121.89	-32.21	0	0	-120	-35	4.63	3.45	2.9	2.47	2.05	1.62	1.18
D	30040	9	6665	-30.91	134.63	465571	6579499	268.7	220.24	122.47	120	146.23	54488.21	-0.07	0.8	-1.26	-121.75	-32.53	0	0	-120	-35	4.7	3.5	2.94	2.49	2.05	1.61	1.16
D	30040	9	6665.2	-30.91	134.63	465583.8	6579499	268.42	220.03	122.27	120	146.14	54487.44	-0.07	0.72	-1.06	-121.61	-32.79	0	0	-120	-35	4.78	3.55	2.98	2.52	2.06	1.59	1.13
D	30040	9	6665.4	-30.91	134.63	465596.7	6579499	268.1	219.81	122.08	120	146.02	54486.74	-0.08	0.68	-0.9	-121.47	-33.1	0	0	-120	-35	4.85	3.6	3.01	2.53	2.05	1.57	1.1
D	30040	9	6665.6	-30.91	134.64	465609.6	6579499	267.77	219.59	121.87	120	145.9	54486.13	-0.08	0.66	-0.72	-121.32	-33.36	0	0	-120	-35	4.92	3.64	3.04	2.54	2.04	1.55	1.07
D	30040	9	6665.8	-30.91	134.64	465622.4	6579500	267.43	219.35	121.6	120	145.83	54485.64	-0.08	0.63	-0.62	-121.21	-33.59	0	0	-120	-35	4.98	3.68	3.06	2.54	2.02	1.51	1.03
D	30040	9	6666	-30.91	134.64	465635.3	6579500	267.09	219.07	121.23	120	145.86	54485.23	-0.08	0.61	-0.54	-121.1	-33.82	0	0	-120	-35	5.02	3.71	3.07	2.54	2	1.48	1
D	30040	9	6666.2	-30.91	134.64	465648.2	6579500	266.76	218.74	120.78	120	145.97	54484.93	-0.07	0.58	-0.49	-120.98	-34	0	0	-120	-35	5.07	3.75	3.09	2.54	1.98	1.45	0.96
D	30040	9	6666.4	-30.91	134.64	465661.1	6579501	266.43	218.41	120.3	120	146.14	54484.7	-0.07	0.54	-0.42	-120.86	-34.19	0	0	-120	-35	5.12	3.78	3.11	2.54	1.96	1.42	0.94
D	30040	9	6666.6	-30.91	134.64	465674.1	6579501	266.11	218.11	119.79	120	146.32	54484.53	-0.07	0.49	-0.29	-120.78	-34.34	0	0	-120	-35	5.19	3.83	3.14	2.54	1.95	1.4	0.91
D	30040	9	6666.8	-30.91	134.64	465687	6579501	265.79	217.87	119.3	120	146.49	54484.39	-0.06	0.45	-0.15	-120.72	-34.49	0	0	-120	-35	5.26	3.88	3.17	2.56	1.94	1.38	0.9
D	30040	9	6667	-30.91	134.64	465699.9	6579501	265.47	217.68	118.8	120	146.67	54484.29	-0.06	0.44	-0.05	-120.63	-34.61	0	0	-120	-35	5.34	3.94	3.21	2.58	1.94	1.37	0.89
D	30040	9	6667.2	-30.91	134.64	465712.9	6579502	265.15	217.46	118.29	120	146.86	54484.23	-0.06	0.48	0.07	-120.59	-34.7	0	0	-120	-35	5.43	4	3.25	2.59	1.94	1.36	0.88
D	30040	9	6667.4	-30.91	134.64	465725.8	6579502	264.82	217.21	117.78	120	147.04	54484.18	-0.05	0.58	0.25	-120.54	-34.75	0	0	-120	-35	5.5	4.06	3.28	2.61	1.94	1.35	0.87
D	30040	9	6667.6	-30.91	134.64	465738.8	6579502	264.5	216.92	117.28	120	147.23	54484.12	-0.05	0.69	0.4	-120.5	-34.8	0	0	-120	-35	5.56	4.1	3.3	2.61	1.93	1.34	0.85
D	30040	9	6667.8	-30.91	134.64	465751.7	6579503	264.19	216.6	116.8	120	147.39	54484.06	-0.05	0.77	0.44	-120.47	-34.8	0	0	-120	-35	5.6	4.12	3.31	2.6	1.91	1.32	0.83
D	30040	9	6668	-30.91	134.64	465764.7	6579503	263.87	216.31	116.34	120	147.53	54483.99	-0.04	0.79	0.5	-120.45	-34.79	0	0	-120	-35	5.63	4.13	3.3	2.58	1.88	1.28	0.81
D	30040	9	6668.2	-30.91	134.64	465777.7	6579503	263.56	216.01	115.89	120	147.67	54483.89	-0.04	0.81	0.62	-120.45	-34.77	0	0	-120	-35	5.65	4.12	3.27	2.54	1.83	1.25	0.78
D	30040	9	6668.4	-30.91	134.64	465790.7	6579503	263.26	215.68	115.43	120	147.82	54483.78	-0.04	0.87	0.81	-120.42	-34.73	0	0	-120	-35	5.68	4.12	3.24	2.5	1.79	1.2	0.75
D	30040	9	6668.6	-30.91	134.64	465803.7	6579504	262.96	215.34	114.99	120	147.97	54483.66	-0.04	0.94	1.02	-120.44	-34.71	0	0	-120	-35	5.72	4.12	3.22	2.45	1.74	1.16	0.72
D	30040	9	6668.8	-30.91	134.64	465816.7	6579504	262.69	214.98	114.59	120	148.1	54483.53	-0.04	1.02	1.23	-120.44	-34.7	0	0	-120	-35	5.77	4.12	3.2	2.41	1.69	1.12	0.69
D	30040	9	6669	-30.91	134.64	465829.7	6579504	262.44	214.6	114.24	120	148.2	54483.35	-0.04	1.13	1.43	-120.45	-34.69	0	0	-120	-35	5.83	4.13	3.18	2.38	1.65	1.08	0.66
D	30040	9	6669.2	-30.91	134.64	465842.7	6579504	262.21	214.29	113.98	120	148.23	54483.13	-0.04	1.28	1.64	-120.45	-34.68	0	0	-120	-35	5.89	4.15	3.16	2.35	1.61	1.04	0.63
D	30040	9	6669.4	-30.91	134.64	465855.7	6579505	262.01	213.99	113.82	120	148.19	54482.87	-0.04	1.44	1.87	-120.45	-34.73	0	0	-120	-35	5.94	4.17	3.16	2.32	1.58	1.01	0.61
D	30040	9	6669.6	-30.91	134.64	465868.7	6579505	261.84	213.79	113.74	120	148.1	54482.58	-0.04	1.57	1.96	-120.45	-34.78	0	0	-120	-35	5.98	4.18	3.15	2.31	1.55	0.98	0.59
D	30040	9	6669.8	-30.91	134.64	465881.7	6579505	261.7	213.68	113.76	120	147.95	54482.28	-0.04	1.66	1.85	-120.47	-34.86	0	0	-120	-35	6.02	4.2	3.16	2.3	1.54	0.97	0.57
D	30040	9	6670	-30.91	134.64	465894.7	6579505	261.61	213.63	113.83	120	147.78	54482.01	-0.04	1.76	1.56	-120.47	-34.95	0	0	-120	-35	6.04	4.23	3.18	2.32	1.54	0.96	0.56
D	30040	9	6670.2	-30.91	134.64	465907.7	6579505	261.55	213.63	113.9	120	147.65	54481.76	-0.05	1.85	1.3	-120.47	-35.1	0	0	-120	-35	6.07	4.26	3.22	2.35	1.57	0.97	0.56
D	30040	9	6670.4	-30.91	134.64	465920.7	6579505	261.54	213.62	113.97	120	147.57	54481.51	-0.05	1.92	1.17	-120.44	-35.25	0	0	-120	-35	6.11	4.31	3.28	2.41	1.62	1.01	0.58
D	30040	9	6670.6	-30.91	134.64	465933.7	6579505	261.57	213.61	113.97	120	147.59	54481.27	-0.05	1.98	1.05	-120.4	-35.42	0	0	-120	-35	6.15	4.37	3.36	2.5	1.7	1.07	0.62
D	30040	9	6670.8	-30.91	134.64	465946.7	6579506	261.63	213.63	113.91	120	147.71	54481.05	-0.05	2.05	1.01	-120.38	-35.62	0	0	-120	-35	6.2	4.43	3.45	2.6	1.8	1.15	0.67
D	30040	9	6671	-30.91	134.64	465959.7	6579506	261.72	213.7	113.78	120	147.94	54480.86	-0.05	2.11	1.11	-120.31	-35.81	0	0	-120	-35	6.24	4.5	3.56	2.72	1.92	1.25	0.75
D	30040	9	6671.2	-30.91	134.64	465972.7	6579506	261.84	213.86	113.56	120	148.28	54480.72	-0.05	2.15	1.34	-120.25	-36.03	0	0	-120	-35	6.26	4.56	3.66	2.85	2.05	1.37	0.83
D	30040	9	6671.4	-30.91	134.64	465985.7	6579506	261.99	214.08	113.31	120	148.68	54480.63	-0.05	2.15	1.65	-120.16	-36.18	0	0	-120	-35	6.27	4.62	3.76	2.97	2.18	1.49	0.93
D	30040	9	6671.6	-30.91	134.64	465998.6	6579506	262.17	214.32	113.06	120	149.11	54480.65	-0.05	2.11	2.04	-120.07	-36.37	0	0	-120	-35	6.27	4.66	3.85	3.09	2.33	1.63	1.05
D	30040	9	6671.8	-30.91	134.64	466011.6	6579506	262.36	214.51	112.91	120	149.45	54480.74	-0.05	2.09	2.61	-119.99	-36.51	0	0	-120	-35	6.25	4.69	3.92	3.2	2.46	1.77	1.17
D	30040	9	6672	-30.91	134.64	466024.6	6579506	262.58	214.64	112.92	120	149.66	54480.86	-0.05	2.07	3.26	-119.92	-36.58	0	0	-120	-35	6.23	4.72	3.98	3.3	2.59	1.91	1.29
D	30040	9	6672.2	-30.91	134.64	466037.5	6579506	262.81	214.77	113.09	120	149.72	54480.97	-0.04	2.07	3.76	-119.84	-36.66	0	0	-120	-35	6.19	4.73	4.02	3.38	2.7	2.03	1.41
D	30040	9	6672.4	-30.91	134.64	466050.5	6579506	263.05	214.93	113.4	120	149.65	54481.08	-0.04	2.11	3.93	-119.79	-36.71	0	0	-120	-35	6.16	4.74	4.05	3.45	2.8	2	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D		30040	9	6680.4	-30.91	134.65	466566.2	6579495	266.66	218.38	117.16	120	149.5	54471.42	-0.03	2.04	-1.52	-120.4	-36.08	0	0	-120	-35	5.83	4.58	4.03	3.55	3.03	2.5	1.93
D		30040	9	6680.6	-30.91	134.65	466579.1	6579495	266.72	218.61	117.06	120	149.66	54470.65	-0.03	1.96	-1.48	-120.28	-36.48	0	0	-120	-35	5.85	4.6	4.05	3.56	3.04	2.5	1.92
D		30040	9	6680.8	-30.91	134.65	466591.9	6579495	266.79	218.79	116.97	120	149.82	54469.89	-0.03	1.94	-1.1	-120.19	-36.86	0	0	-120	-35	5.87	4.61	4.06	3.57	3.04	2.49	1.91
D		30040	9	6681	-30.91	134.65	466604.7	6579495	266.88	218.92	116.91	120	149.97	54469.08	-0.04	1.93	-0.58	-120.07	-37.16	0	0	-120	-35	5.85	4.6	4.05	3.56	3.03	2.47	1.88
D		30040	9	6681.2	-30.91	134.65	466617.6	6579495	266.98	219.02	116.9	120	150.07	54468.18	-0.04	1.91	-0.1	-119.94	-37.43	0	0	-120	-35	5.83	4.58	4.03	3.54	3.01	2.45	1.86
D		30040	9	6681.4	-30.91	134.65	466630.4	6579495	267.09	219.06	116.95	120	150.14	54467.22	-0.04	1.9	0.23	-119.83	-37.67	0	0	-120	-35	5.8	4.56	4.01	3.51	2.98	2.42	1.83
D		30040	9	6681.6	-30.91	134.65	466643.3	6579495	267.22	219.08	117.08	120	150.14	54466.24	-0.05	1.84	0.36	-119.7	-37.88	0	0	-120	-35	5.77	4.54	3.99	3.49	2.96	2.39	1.8
D		30040	9	6681.8	-30.91	134.65	466656.1	6579494	267.38	219.15	117.26	120	150.12	54465.32	-0.06	1.74	0.35	-119.57	-38.04	0	0	-120	-35	5.76	4.53	3.98	3.48	2.95	2.37	1.78
D		30040	9	6682	-30.91	134.65	466668.9	6579494	267.56	219.28	117.45	120	150.11	54464.48	-0.07	1.63	0.31	-119.43	-38.21	0	0	-120	-35	5.75	4.52	3.97	3.47	2.93	2.36	1.76
D		30050	9	6149	-30.92	134.65	467208.8	6578515	266.06	217.83	117.17	120	148.89	54426.91	-0.03	3.14	-0.3	-119.94	-36.32	0	0	-120	-35	6.08	5.09	4.58	4.1	3.52	2.88	2.17
D		30050	9	6149.2	-30.92	134.65	467195.2	6578515	265.92	217.68	117.1	120	148.82	54427.35	-0.03	3.26	-0.37	-120.16	-36.03	0	0	-120	-35	6.04	5.07	4.56	4.08	3.51	2.86	2.16
D		30050	9	6149.4	-30.92	134.65	467181.6	6578514	265.77	217.47	117.3	120	148.47	54427.89	-0.03	3.32	-0.08	-120.36	-35.8	0	0	-120	-35	6	5.04	4.54	4.06	3.49	2.85	2.14
D		30050	9	6149.6	-30.92	134.65	467168	6578514	265.64	217.19	117.68	120	147.96	54428.49	-0.02	3.34	0.47	-120.51	-35.65	0	0	-120	-35	5.97	5.03	4.52	4.05	3.48	2.84	2.13
D		30050	9	6149.8	-30.92	134.65	467154.3	6578514	265.54	216.89	118.08	120	147.46	54429.15	-0.02	3.33	1.13	-120.62	-35.63	0	0	-120	-35	5.95	5.02	4.52	4.05	3.48	2.84	2.12
D		30050	9	6150	-30.92	134.65	467140.7	6578513	265.5	216.65	118.42	120	147.08	54429.83	-0.02	3.28	1.95	-120.69	-35.7	0	0	-120	-35	5.97	5.04	4.54	4.07	3.49	2.84	2.13
D		30050	9	6150.2	-30.92	134.65	467127.1	6578513	265.51	216.5	118.61	120	146.9	54430.45	-0.02	3.18	2.83	-120.74	-35.93	0	0	-120	-35	6.03	5.09	4.59	4.11	3.52	2.87	2.13
D		30050	9	6150.4	-30.92	134.65	467113.5	6578513	265.57	216.48	118.7	120	146.87	54430.9	-0.02	3.06	3.39	-120.7	-36.23	0	0	-120	-35	6.11	5.15	4.65	4.16	3.57	2.89	2.15
D		30050	9	6150.6	-30.92	134.65	467099.9	6578512	265.68	216.63	118.72	120	146.96	54431.21	-0.03	2.93	3.36	-120.61	-36.62	0	0	-120	-35	6.21	5.23	4.72	4.22	3.61	2.93	2.16
D		30050	9	6150.8	-30.92	134.65	467086.3	6578512	265.8	216.88	118.71	120	147.09	54431.51	-0.03	2.82	2.79	-120.47	-37.04	0	0	-120	-35	6.31	5.31	4.79	4.28	3.66	2.96	2.18
D		30050	9	6151	-30.92	134.65	467072.7	6578512	265.93	217.18	118.77	120	147.16	54431.9	-0.03	2.71	1.96	-120.27	-37.46	0	0	-120	-35	6.39	5.37	4.84	4.32	3.7	2.98	2.18
D		30050	9	6151.2	-30.92	134.65	467059.1	6578512	266.06	217.48	118.88	120	147.18	54432.42	-0.04	2.59	1.24	-120.05	-37.84	0	0	-120	-35	6.43	5.41	4.87	4.34	3.7	2.97	2.17
D		30050	9	6151.4	-30.92	134.65	467045.5	6578512	266.19	217.73	119.09	120	147.1	54433	-0.04	2.53	0.83	-119.79	-38.16	0	0	-120	-35	6.42	5.41	4.85	4.32	3.67	2.94	2.13
D		30050	9	6151.6	-30.92	134.65	467031.9	6578511	266.33	217.92	119.38	120	146.95	54433.58	-0.04	2.51	0.66	-119.6	-38.42	0	0	-120	-35	6.36	5.36	4.8	4.25	3.6	2.87	2.06
D		30050	9	6151.8	-30.92	134.65	467018.3	6578511	266.46	218.03	119.71	120	146.75	54434.17	-0.04	2.5	0.58	-119.41	-38.62	0	0	-120	-35	6.28	5.28	4.71	4.17	3.51	2.77	1.98
D		30050	9	6152	-30.92	134.65	467004.7	6578511	266.59	218.08	120.05	120	146.54	54434.75	-0.04	2.52	0.6	-119.28	-38.77	0	0	-120	-35	6.18	5.2	4.63	4.07	3.41	2.67	1.89
D		30050	9	6152.2	-30.92	134.65	466991	6578511	266.71	218.1	120.36	120	146.35	54435.34	-0.04	2.54	0.6	-119.17	-38.87	0	0	-120	-35	6.11	5.12	4.55	3.98	3.32	2.58	1.81
D		30050	9	6152.4	-30.92	134.65	466977.4	6578511	266.83	218.13	120.61	120	146.22	54435.91	-0.04	2.56	0.53	-119.07	-38.95	0	0	-120	-35	6.05	5.06	4.49	3.91	3.24	2.49	1.73
D		30050	9	6152.6	-30.92	134.65	466963.8	6578511	266.94	218.21	120.72	120	146.22	54436.49	-0.05	2.58	0.41	-119	-39.05	0	0	-120	-35	6.02	5.01	4.44	3.85	3.16	2.42	1.66
D		30050	9	6152.8	-30.92	134.65	466950.2	6578510	267.06	218.38	120.69	120	146.37	54437.1	-0.05	2.59	0.29	-118.89	-39.13	0	0	-120	-35	6.02	4.99	4.41	3.8	3.11	2.35	1.6
D		30050	9	6153	-30.92	134.65	466936.6	6578510	267.18	218.58	120.49	120	146.69	54437.78	-0.05	2.62	-0.02	-118.82	-39.22	0	0	-120	-35	6.03	4.97	4.39	3.77	3.06	2.3	1.55
D		30050	9	6153.2	-30.92	134.65	466922.9	6578510	267.31	218.77	120.21	120	147.09	54438.49	-0.05	2.59	-0.26	-118.74	-39.32	0	0	-120	-35	6.04	4.97	4.37	3.73	3.01	2.24	1.5
D		30050	9	6153.4	-30.92	134.65	466909.3	6578510	267.44	218.93	119.93	120	147.51	54439.21	-0.05	2.48	-0.35	-118.68	-39.34	0	0	-120	-35	6.04	4.95	4.35	3.69	2.96	2.18	1.45
D		30050	9	6153.6	-30.92	134.65	466895.7	6578510	267.58	219	119.67	120	147.91	54439.96	-0.06	2.37	-0.26	-118.65	-39.39	0	0	-120	-35	6.04	4.93	4.32	3.65	2.91	2.13	1.4
D		30050	9	6153.8	-30.92	134.65	466882	6578510	267.74	219.06	119.49	120	148.25	54440.72	-0.06	2.28	-0.17	-118.66	-39.41	0	0	-120	-35	6.01	4.91	4.28	3.6	2.85	2.06	1.35
D		30050	9	6154	-30.92	134.65	466868.4	6578509	267.93	219.12	119.39	120	148.54	54441.54	-0.06	2.19	-0.19	-118.68	-39.37	0	0	-120	-35	5.98	4.88	4.23	3.55	2.79	2	1.29
D		30050	9	6154.2	-30.92	134.65	466854.8	6578509	268.15	219.18	119.37	120	148.78	54442.45	-0.06	2.05	-0.2	-118.68	-39.29	0	0	-120	-35	5.94	4.84	4.19	3.5	2.73	1.94	1.24
D		30050	9	6154.4	-30.92	134.65	466841.1	6578509	268.39	219.32	119.45	120	148.94	54443.45	-0.06	1.85	-0.19	-118.74	-39.18	0	0	-120	-35	5.9	4.8	4.14	3.44	2.66	1.88	1.19
D		30050	9	6154.6	-30.92	134.65	466827.5	6578509	268.64	219.52	119.63	120	149.01	54444.51	-0.06	1.63	-0.05	-118.8	-39.01	0	0	-120	-35	5.85	4.75	4.08	3.38	2.6	1.82	1.15
D		30050	9	6154.8	-30.92	134.65	466813.8	6578508	268.89	219.77	119.87	120	149.01	54445.56	-0.06	1.43	0.33	-118.84	-38.82	0	0	-120	-35	5.79	4.7	4.02	3.32	2.54	1.77	1.1
D		30050	9	6155	-30.92	134.65	466800.1	6578508	269.11	220.07	120.13	120	148.98	54446.64	-0.06	1.25	0.7	-118.91	-38.56	0	0	-120	-35	5.73	4.64	3.96	3.25	2.47	1.71	1.06
D		30050	9	6155.2	-30.92	134.65	466786.5	6578508	269.31	220.32	120.38	120	148.93	54447.82	-0.06	1.13	0.99	-118.97	-38.23	0	0	-120	-35	5.66	4.57	3.89	3.18	2.41	1.66	1.02
D		30050	9	6155.4	-30.92	134.65	466772.8	6578508	269.48	220.47	120.57	120	148.9	54449.18	-0.06	1.08	1.41	-119.05	-37.83	0	0	-120	-35	5.59	4.49	3.8	3.1	2.33	1.6	0.98
D		30050	9	6155.6	-30.92	134.65	466759.1	6578508	26																					

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30050	9	6163.6	-30.92	134.64	466204.9	6578504	265.77	216.34	118.04	120	147.73	54517.53	0.11	1.6	1.73	-121.09	-33.47	0	0	-120	-35	5.15	3.84	3.06	2.33	1.63	1.06	0.66
D	30050	9	6163.8	-30.92	134.64	466190.9	6578505	265.66	216.36	118.24	120	147.42	54518.09	0.11	1.66	1.05	-121.15	-33.47	0	0	-120	-35	5.15	3.8	3.01	2.27	1.57	1.01	0.62
D	30050	9	6164	-30.92	134.64	466176.9	6578505	265.58	216.42	118.51	120	147.07	54518.53	0.11	1.71	0.3	-121.14	-33.52	0	0	-120	-35	5.14	3.76	2.95	2.21	1.51	0.97	0.58
D	30050	9	6164.2	-30.92	134.64	466162.9	6578505	265.52	216.48	118.84	120	146.68	54518.76	0.1	1.76	-0.42	-121.16	-33.59	0	0	-120	-35	5.13	3.71	2.89	2.14	1.45	0.92	0.55
D	30050	9	6164.4	-30.92	134.64	466148.9	6578505	265.49	216.55	119.18	120	146.31	54518.72	0.09	1.84	-1.25	-121.14	-33.7	0	0	-120	-35	5.11	3.66	2.83	2.08	1.39	0.87	0.51
D	30050	9	6164.6	-30.92	134.64	466134.9	6578505	265.48	216.6	119.49	120	145.99	54518.46	0.09	1.93	-2.24	-121.1	-33.78	0	0	-120	-35	5.08	3.6	2.76	2.01	1.34	0.82	0.48
D	30050	9	6164.8	-30.92	134.64	466120.9	6578505	265.48	216.6	119.74	120	145.74	54518.14	0.07	1.99	-3.25	-121.04	-33.87	0	0	-120	-35	5.04	3.55	2.69	1.95	1.29	0.78	0.45
D	30050	9	6165	-30.92	134.64	466107.9	6578505	265.48	216.62	119.87	120	145.61	54517.85	0.06	2	-4.07	-120.97	-34	0	0	-120	-35	5.01	3.51	2.64	1.91	1.25	0.75	0.43
D	30050	9	6165.2	-30.92	134.64	466093	6578505	265.48	216.67	119.86	120	145.62	54517.59	0.05	1.98	-4.45	-120.91	-34.09	0	0	-120	-35	4.98	3.47	2.61	1.88	1.22	0.73	0.41
D	30050	9	6165.4	-30.92	134.64	466079	6578505	265.48	216.74	119.77	120	145.72	54517.28	0.04	1.92	-4.19	-120.84	-34.18	0	0	-120	-35	4.96	3.45	2.59	1.87	1.22	0.73	0.41
D	30050	9	6165.6	-30.92	134.64	466065	6578504	265.47	216.85	119.66	120	145.81	54516.91	0.03	1.83	-3.53	-120.74	-34.25	0	0	-120	-35	4.95	3.45	2.59	1.88	1.23	0.74	0.41
D	30050	9	6165.8	-30.92	134.64	466051	6578504	265.43	216.84	119.62	120	145.81	54516.57	0.02	1.72	-2.82	-120.66	-34.3	0	0	-120	-35	4.95	3.46	2.61	1.91	1.26	0.76	0.43
D	30050	9	6166	-30.92	134.64	466037.1	6578504	265.36	216.62	119.74	120	145.62	54516.37	0.01	1.65	-2.01	-120.6	-34.37	0	0	-120	-35	4.96	3.48	2.65	1.95	1.3	0.8	0.45
D	30050	9	6166.2	-30.92	134.64	466023.1	6578504	265.25	216.26	119.99	120	145.26	54516.33	0.01	1.61	-1.05	-120.54	-34.4	0	0	-120	-35	4.98	3.52	2.71	2.02	1.37	0.86	0.49
D	30050	9	6166.4	-30.92	134.64	466009.1	6578504	265.1	215.83	120.29	120	144.81	54516.39	0.01	1.58	-0.11	-120.5	-34.41	0	0	-120	-35	5	3.57	2.78	2.09	1.45	0.92	0.54
D	30050	9	6166.6	-30.92	134.64	465995.2	6578504	264.92	215.46	120.58	120	144.34	54516.48	0.01	1.55	0.72	-120.48	-34.41	0	0	-120	-35	5.03	3.63	2.85	2.18	1.54	1	0.6
D	30050	9	6166.8	-30.92	134.64	465981.2	6578504	264.72	215.24	120.77	120	143.95	54516.62	0	1.51	1.28	-120.5	-34.37	0	0	-120	-35	5.06	3.69	2.93	2.28	1.63	1.09	0.66
D	30050	9	6167	-30.92	134.64	465967.3	6578503	264.51	215.17	120.87	120	143.64	54516.89	0	1.49	1.49	-120.56	-34.35	0	0	-120	-35	5.09	3.76	3.01	2.37	1.74	1.18	0.73
D	30050	9	6167.2	-30.92	134.64	465953.3	6578503	264.28	215.16	120.89	120	143.39	54517.33	0	1.52	1.46	-120.64	-34.26	0	0	-120	-35	5.12	3.82	3.09	2.47	1.83	1.27	0.8
D	30050	9	6167.4	-30.92	134.64	465939.4	6578503	264.03	215.14	120.84	120	143.19	54517.87	0.01	1.61	1.32	-120.76	-34.14	0	0	-120	-35	5.15	3.88	3.17	2.56	1.93	1.36	0.87
D	30050	9	6167.6	-30.92	134.64	465925.4	6578503	263.78	215.07	120.73	120	143.05	54518.46	0.01	1.77	1.13	-120.92	-34.03	0	0	-120	-35	5.18	3.94	3.24	2.64	2.02	1.45	0.95
D	30050	9	6167.8	-30.92	134.64	465911.5	6578503	263.54	214.89	120.52	120	143.02	54519.12	0.01	1.95	0.95	-121.06	-33.88	0	0	-120	-35	5.21	3.99	3.31	2.72	2.11	1.53	1.02
D	30050	9	6168	-30.92	134.64	465897.5	6578502	263.31	214.64	120.17	120	143.14	54519.91	0.02	2.14	0.91	-121.19	-33.74	0	0	-120	-35	5.24	4.04	3.37	2.79	2.19	1.61	1.08
D	30050	9	6168.2	-30.92	134.64	465883.6	6578502	263.1	214.31	119.67	120	143.43	54520.82	0.03	2.33	1.16	-121.31	-33.61	0	0	-120	-35	5.26	4.08	3.43	2.86	2.26	1.68	1.15
D	30050	9	6168.4	-30.92	134.64	465869.7	6578502	262.9	213.96	119.08	120	143.82	54521.76	0.03	2.51	1.79	-121.41	-33.5	0	0	-120	-35	5.27	4.11	3.47	2.91	2.32	1.75	1.21
D	30050	9	6168.6	-30.92	134.64	465855.7	6578502	262.72	213.68	118.5	120	144.22	54522.6	0.04	2.61	2.42	-121.46	-33.43	0	0	-120	-35	5.27	4.13	3.51	2.96	2.38	1.81	1.27
D	30050	9	6168.8	-30.92	134.64	465841.8	6578502	262.56	213.46	118.03	120	144.53	54523.32	0.05	2.63	2.91	-121.48	-33.39	0	0	-120	-35	5.28	4.16	3.54	3	2.43	1.87	1.33
D	30050	9	6169	-30.92	134.64	465827.9	6578502	262.41	213.3	117.65	120	144.75	54523.9	0.05	2.58	3.2	-121.5	-33.4	0	0	-120	-35	5.28	4.19	3.58	3.05	2.49	1.93	1.39
D	30050	9	6169.2	-30.92	134.64	465813.9	6578502	262.28	213.2	117.33	120	144.94	54524.37	0.06	2.52	3.33	-121.48	-33.45	0	0	-120	-35	5.3	4.23	3.63	3.1	2.55	2	1.47
D	30050	9	6169.4	-30.92	134.64	465800	6578502	262.16	213.07	117	120	145.16	54524.73	0.06	2.53	3.42	-121.42	-33.53	0	0	-120	-35	5.34	4.28	3.69	3.17	2.62	2.07	1.54
D	30050	9	6169.6	-30.92	134.64	465786.1	6578502	262.05	212.95	116.68	120	145.37	54524.98	0.05	2.58	3.29	-121.35	-33.62	0	0	-120	-35	5.39	4.35	3.76	3.25	2.7	2.16	1.63
D	30050	9	6169.8	-30.92	134.64	465772.2	6578502	261.92	212.86	116.46	120	145.46	54525.09	0.05	2.61	2.85	-121.25	-33.73	0	0	-120	-35	5.46	4.42	3.84	3.33	2.78	2.25	1.73
D	30050	9	6170	-30.92	134.64	465758.3	6578501	261.77	212.7	116.42	120	145.36	54525.08	0.04	2.68	2.38	-121.16	-33.84	0	0	-120	-35	5.52	4.5	3.92	3.41	2.87	2.34	1.82
D	30050	9	6170.2	-30.92	134.64	465744.5	6578501	261.6	212.51	116.57	120	145.03	54525.03	0.04	2.79	1.93	-121.05	-34.01	0	0	-120	-35	5.58	4.57	3.99	3.49	2.96	2.43	1.91
D	30050	9	6170.4	-30.92	134.64	465730.6	6578501	261.4	212.24	116.85	120	144.55	54525.02	0.04	2.92	1.45	-120.92	-34.14	0	0	-120	-35	5.63	4.63	4.06	3.56	3.03	2.51	2
D	30050	9	6170.6	-30.92	134.64	465716.7	6578501	261.18	211.95	117.16	120	144.02	54525.03	0.03	3.01	1.1	-120.82	-34.29	0	0	-120	-35	5.66	4.67	4.11	3.62	3.1	2.59	2.09
D	30050	9	6170.8	-30.92	134.64	465702.8	6578501	260.97	211.71	117.42	120	143.54	54524.98	0.03	3.08	0.94	-120.72	-34.49	0	0	-120	-35	5.68	4.71	4.16	3.68	3.17	2.66	2.17
D	30050	9	6171	-30.92	134.64	465689	6578501	260.76	211.57	117.6	120	143.16	54524.86	0.02	3.11	0.55	-120.59	-34.7	0	0	-120	-35	5.7	4.74	4.2	3.73	3.22	2.73	2.24
D	30050	9	6171.2	-30.92	134.64	465675.1	6578501	260.58	211.49	117.69	120	142.89	54524.76	0.02	3.09	0.07	-120.47	-35	0	0	-120	-35	5.73	4.78	4.25	3.78	3.28	2.8	2.32
D	30050	9	6171.4	-30.92	134.64	465661.3	6578501	260.41	211.39	117.72	120	142.69	54524.73	0.02	3.04	-0.16	-120.35	-35.34	0	0	-120	-35	5.78	4.83	4.31	3.84	3.35	2.87	2.39
D	30050	9	6171.6	-30.92	134.64	465647.4	6578501	260.25	211.22	117.76	120	142.49	54524.77	0.01	2.97	-0.21	-120.24	-35.75	0	0	-120	-35	5.85	4.9	4.38	3.91	3.42	2.94	2.47
D	30050	9	6171.8	-30.92	134.64	465633.6	6578501	260.1	210.98	117.82	120	142.29	54524.85	0.01	2.86	-0.03	-120.09	-36.19	0	0	-120	-35	5.94	4.97	4.46	3.99	3.5	3.01	2.54
D	30050	9	6172	-30.92	134.64	465619.7	6578501	259.96	210.68	117.87	120	142.1	54524.9	0.01	2.72	0.4	-119.91	-36.69	0	0	-120	-35	6.03	5.05	4.53	4.06	3.57	3.08	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30050	9	6180	-30.92	134.63	465067.9	6578507	263.12	213.96	119.8	120	143.32	54528.96	-0.06	1.73	1.94	-120.44	-35.07	0	0	-120	-35	6	5.22	4.79	4.36	3.87	3.31	2.68
D	30050	9	6180.2	-30.92	134.63	465054.2	6578507	263.27	214.35	120.29	120	142.98	54529.61	-0.06	1.61	1.58	-120.24	-35.41	0	0	-120	-35	6.02	5.24	4.8	4.37	3.88	3.32	2.69
D	30050	9	6180.4	-30.92	134.63	465040.5	6578508	263.39	214.74	120.7	120	142.7	54530.32	-0.06	1.58	1.15	-120.1	-35.65	0	0	-120	-35	6.02	5.24	4.8	4.37	3.88	3.32	2.69
D	30050	9	6180.6	-30.92	134.63	465026.8	6578508	263.47	215.04	120.96	120	142.51	54531.15	-0.06	1.62	0.63	-119.99	-35.8	0	0	-120	-35	6.01	5.22	4.79	4.36	3.87	3.31	2.69
D	30050	9	6180.8	-30.92	134.63	465013.1	6578509	263.51	215.11	121.06	120	142.46	54532.11	-0.06	1.71	0.3	-119.91	-35.88	0	0	-120	-35	5.98	5.19	4.76	4.33	3.84	3.29	2.68
D	30050	9	6181	-30.92	134.63	464999.3	6578509	263.52	214.96	121.02	120	142.49	54533.22	-0.05	1.85	0.19	-119.84	-35.89	0	0	-120	-35	5.93	5.15	4.72	4.29	3.8	3.26	2.66
D	30050	9	6181.2	-30.92	134.63	464985.7	6578510	263.47	214.68	121	120	142.47	54534.45	-0.05	2.01	0.24	-119.82	-35.91	0	0	-120	-35	5.87	5.09	4.67	4.24	3.76	3.23	2.64
D	30050	9	6181.4	-30.92	134.63	464972	6578510	263.38	214.39	121.03	120	142.35	54535.79	-0.04	2.15	0.35	-119.8	-35.87	0	0	-120	-35	5.82	5.04	4.62	4.2	3.72	3.19	2.62
D	30050	9	6181.6	-30.92	134.63	464958.3	6578511	263.27	214.18	121.17	120	142.1	54537.22	-0.04	2.24	0.44	-119.82	-35.85	0	0	-120	-35	5.77	5	4.58	4.16	3.69	3.17	2.61
D	30050	9	6181.8	-30.92	134.63	464944.6	6578511	263.16	214.08	121.44	120	141.71	54538.74	-0.03	2.25	0.5	-119.82	-35.79	0	0	-120	-35	5.74	4.98	4.55	4.13	3.66	3.15	2.6
D	30050	9	6182	-30.92	134.63	464930.9	6578511	263.06	214.1	121.79	120	141.27	54540.35	-0.02	2.15	0.57	-119.84	-35.72	0	0	-120	-35	5.73	4.97	4.54	4.12	3.65	3.14	2.61
D	30050	9	6182.2	-30.92	134.63	464917.2	6578512	262.99	214.16	122.19	120	140.8	54541.99	-0.02	1.94	0.61	-119.86	-35.64	0	0	-120	-35	5.74	4.97	4.54	4.12	3.65	3.15	2.62
D	30050	9	6182.4	-30.92	134.63	464903.6	6578512	262.94	214.2	122.62	120	140.32	54543.64	-0.01	1.72	0.61	-119.91	-35.58	0	0	-120	-35	5.76	4.99	4.55	4.13	3.66	3.15	2.63
D	30050	9	6182.6	-30.92	134.63	464889.9	6578513	262.88	214.13	123.06	120	139.82	54545.3	-0.01	1.5	0.57	-119.97	-35.47	0	0	-120	-35	5.79	5.01	4.57	4.14	3.67	3.16	2.65
D	30050	9	6182.8	-30.92	134.63	464876.2	6578513	262.79	213.87	123.47	120	139.31	54547.01	0	1.33	0.39	-120.07	-35.33	0	0	-120	-35	5.8	5	4.56	4.13	3.66	3.16	2.65
D	30050	9	6183	-30.92	134.63	464862.5	6578514	262.64	213.43	123.81	120	138.82	54548.78	0.01	1.27	0.26	-120.17	-35.14	0	0	-120	-35	5.79	4.99	4.54	4.11	3.64	3.14	2.64
D	30050	9	6183.2	-30.92	134.63	464848.8	6578514	262.42	212.9	124	120	138.41	54550.55	0.01	1.28	0.31	-120.3	-34.91	0	0	-120	-35	5.75	4.96	4.51	4.08	3.61	3.11	2.62
D	30050	9	6183.4	-30.92	134.63	464835.2	6578515	262.14	212.33	123.98	120	138.16	54552.3	0.02	1.33	0.34	-120.5	-34.63	0	0	-120	-35	5.69	4.9	4.46	4.03	3.56	3.07	2.59
D	30050	9	6183.6	-30.92	134.63	464821.5	6578515	261.83	211.79	123.75	120	138.09	54554.01	0.02	1.4	0.2	-120.68	-34.32	0	0	-120	-35	5.61	4.84	4.4	3.98	3.51	3.03	2.56
D	30050	9	6183.8	-30.92	134.63	464807.8	6578516	261.53	211.33	123.36	120	138.16	54555.74	0.03	1.49	-0.06	-120.87	-33.99	0	0	-120	-35	5.52	4.78	4.34	3.93	3.47	3	2.53
D	30050	9	6184	-30.92	134.63	464794.2	6578516	261.25	210.91	122.94	120	138.31	54557.5	0.04	1.52	-0.19	-121.02	-33.7	0	0	-120	-35	5.43	4.72	4.28	3.88	3.42	2.96	2.51
D	30050	9	6184.2	-30.92	134.63	464780.5	6578516	261	210.5	122.54	120	138.46	54559.35	0.05	1.57	-0.22	-121.21	-33.46	0	0	-120	-35	5.36	4.68	4.23	3.84	3.39	2.93	2.48
D	30050	9	6184.4	-30.92	134.63	464766.8	6578517	260.79	210.27	122.21	120	138.57	54561.28	0.06	1.61	0.01	-121.32	-33.3	0	0	-120	-35	5.33	4.66	4.21	3.82	3.37	2.92	2.47
D	30050	9	6184.6	-30.92	134.63	464753.1	6578517	260.59	210.18	121.97	120	138.62	54563.1	0.06	1.54	0.7	-121.43	-33.19	0	0	-120	-35	5.35	4.67	4.22	3.82	3.38	2.92	2.48
D	30050	9	6184.8	-30.92	134.63	464739.4	6578517	260.4	210.24	121.8	120	138.6	54564.55	0.07	1.43	1.48	-121.49	-33.22	0	0	-120	-35	5.4	4.71	4.25	3.86	3.41	2.95	2.5
D	30050	9	6185	-30.92	134.63	464725.7	6578517	260.21	210.39	121.7	120	138.51	54565.68	0.08	1.3	1.92	-121.54	-33.27	0	0	-120	-35	5.48	4.76	4.3	3.9	3.45	2.98	2.52
D	30050	9	6185.2	-30.92	134.63	464712.1	6578518	260	210.4	121.6	120	138.39	54566.8	0.09	1.2	2.02	-121.59	-33.37	0	0	-120	-35	5.57	4.82	4.36	3.95	3.49	3.02	2.55
D	30050	9	6185.4	-30.92	134.63	464698.4	6578518	259.78	210.17	121.41	120	138.38	54568.22	0.09	1.22	2.18	-121.61	-33.49	0	0	-120	-35	5.65	4.87	4.41	3.99	3.52	3.05	2.57
D	30050	9	6185.6	-30.92	134.63	464684.7	6578518	259.58	209.74	121	120	138.58	54569.82	0.1	1.33	3.29	-121.64	-33.66	0	0	-120	-35	5.72	4.91	4.45	4.03	3.56	3.08	2.6
D	30050	9	6185.8	-30.92	134.63	464671	6578519	259.4	209.25	120.4	120	139	54571.21	0.1	1.42	5.03	-121.65	-33.8	0	0	-120	-35	5.75	4.94	4.48	4.06	3.59	3.1	2.62
D	30050	9	6186	-30.92	134.63	464657.2	6578519	259.26	208.84	119.69	120	139.56	54572.14	0.1	1.45	6.22	-121.67	-33.97	0	0	-120	-35	5.75	4.95	4.49	4.07	3.6	3.12	2.64
D	30050	9	6186.2	-30.92	134.62	464643.5	6578519	259.15	208.56	119.07	120	140.08	54572.68	0.1	1.47	6.55	-121.68	-34.1	0	0	-120	-35	5.72	4.95	4.49	4.08	3.61	3.13	2.65
D	30050	9	6186.4	-30.92	134.62	464629.8	6578520	259.08	208.39	118.68	120	140.4	54573.09	0.1	1.5	6.12	-121.66	-34.26	0	0	-120	-35	5.69	4.94	4.49	4.08	3.61	3.14	2.67
D	30050	9	6186.6	-30.92	134.62	464616.1	6578520	259.03	208.24	118.54	120	140.5	54573.51	0.1	1.54	5.15	-121.58	-34.42	0	0	-120	-35	5.67	4.94	4.49	4.08	3.62	3.15	2.68
D	30050	9	6186.8	-30.92	134.62	464602.3	6578520	258.99	208.07	118.58	120	140.41	54573.92	0.09	1.58	4.01	-121.5	-34.62	0	0	-120	-35	5.66	4.95	4.5	4.09	3.63	3.16	2.69
D	30050	9	6187	-30.92	134.62	464588.6	6578521	258.94	207.93	118.65	120	140.29	54574.22	0.09	1.61	2.92	-121.38	-34.81	0	0	-120	-35	5.68	4.98	4.52	4.12	3.66	3.18	2.71
D	30050	9	6187.2	-30.92	134.62	464574.9	6578521	258.88	207.86	118.65	120	140.22	54574.4	0.08	1.63	1.82	-121.18	-35.02	0	0	-120	-35	5.73	5.01	4.55	4.15	3.69	3.2	2.73
D	30050	9	6187.4	-30.92	134.62	464561.1	6578521	258.8	207.86	118.57	120	140.24	54574.59	0.08	1.59	0.76	-120.98	-35.28	0	0	-120	-35	5.79	5.06	4.6	4.19	3.72	3.23	2.74
D	30050	9	6187.6	-30.92	134.62	464547.4	6578521	258.73	207.86	118.43	120	140.3	54574.87	0.08	1.51	-0.16	-120.75	-35.49	0	0	-120	-35	5.85	5.1	4.64	4.22	3.75	3.25	2.76
D	30050	9	6187.8	-30.92	134.62	464533.7	6578522	258.66	207.8	118.33	120	140.33	54575.18	0.07	1.44	-0.97	-120.55	-35.74	0	0	-120	-35	5.9	5.13	4.67	4.25	3.78	3.27	2.78
D	30050	9	6188	-30.92	134.62	464520	6578522	258.6	207.66	118.33	120	140.27	54575.37	0.07	1.37	-1.71	-120.34	-35.93	0	0	-120	-35	5.93	5.15	4.7	4.27	3.79	3.29	2.79
D	30050	9	6188.2	-30.92	134.62	464506.3	6578522	258.56	207.48	118.43	120	140.12	54575.41	0.07	1.33	-2.53	-120.2	-36.12	0	0	-120	-35	5.94	5.16	4.7	4.28	3.8	3.29	2.79
D	30050	9	6188.4	-30.92	134.62	464492.5	6578522	258.52	207.36	118.57	120	139.95	54575.42	0.06	1.29	-3.44	-120.08	-36.23	0	0	-120	-35	5.93	5.14	4.69	4.27	3.79	3.29	2.79
D																													

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30050	9	6196.4	-30.92	134.62	463940.3	6578507	253.99	204.67	121.18	120	132.8	54566.37	-0.02	0.98	1.18	-119.22	-36.13	0	0	-120	-35	6.3	5.62	5.24	4.86	4.42	3.91	3.36
D	30050	9	6196.6	-30.92	134.62	463926.5	6578506	253.73	204.22	121.02	120	132.72	54565.87	-0.02	1.15	0.99	-119.34	-35.91	0	0	-120	-35	6.31	5.64	5.26	4.89	4.45	3.94	3.39
D	30050	9	6196.8	-30.92	134.62	463912.6	6578506	253.48	203.76	120.86	120	132.62	54565.5	-0.03	1.39	0.76	-119.46	-35.68	0	0	-120	-35	6.35	5.68	5.3	4.93	4.49	3.98	3.43
D	30050	9	6197	-30.92	134.62	463898.8	6578505	253.23	203.36	120.7	120	132.53	54565.27	-0.03	1.64	0.51	-119.63	-35.45	0	0	-120	-35	6.42	5.74	5.35	4.99	4.54	4.03	3.47
D	30060	9	6060.2	-30.93	134.62	463901.7	6577491	250.23	200.87	121.65	120	128.58	54548.07	-0.05	1.67	0.82	-119.83	-37.52	0	0	-120	-35	7.71	7.06	6.61	6.14	5.55	4.88	4.13
D	30060	9	6060.4	-30.93	134.62	463914.1	6577491	249.97	200.7	121.42	120	128.55	54547.4	-0.06	1.62	1.26	-119.72	-37.71	0	0	-120	-35	7.78	7.11	6.66	6.18	5.58	4.9	4.15
D	30060	9	6060.6	-30.93	134.62	463926.5	6577491	249.71	200.48	121.15	120	128.56	54546.77	-0.06	1.61	1.5	-119.59	-37.82	0	0	-120	-35	7.85	7.16	6.71	6.22	5.61	4.92	4.17
D	30060	9	6060.8	-30.93	134.62	463939	6577492	249.45	200.2	120.81	120	128.64	54546.31	-0.06	1.64	1.63	-119.5	-37.91	0	0	-120	-35	7.91	7.21	6.74	6.24	5.63	4.93	4.17
D	30060	9	6061	-30.93	134.62	463951.4	6577492	249.2	199.9	120.41	120	128.8	54546.05	-0.06	1.7	1.71	-119.42	-37.94	0	0	-120	-35	7.97	7.25	6.79	6.28	5.65	4.95	4.18
D	30060	9	6061.2	-30.93	134.62	463963.8	6577492	248.96	199.58	119.94	120	129.02	54545.92	-0.06	1.77	1.77	-119.38	-37.95	0	0	-120	-35	8.02	7.29	6.82	6.3	5.67	4.95	4.18
D	30060	9	6061.4	-30.93	134.62	463976.2	6577492	248.72	199.27	119.47	120	129.25	54545.88	-0.06	1.85	1.85	-119.36	-37.95	0	0	-120	-35	8.07	7.33	6.85	6.33	5.68	4.96	4.18
D	30060	9	6061.6	-30.93	134.62	463988.7	6577492	248.5	198.99	119.04	120	129.45	54545.83	-0.06	1.95	2	-119.34	-37.94	0	0	-120	-35	8.1	7.35	6.88	6.35	5.69	4.96	4.17
D	30060	9	6061.8	-30.93	134.62	464001.1	6577492	248.28	198.76	118.66	120	129.62	54545.77	-0.06	2.05	2.09	-119.34	-37.93	0	0	-120	-35	8.14	7.38	6.9	6.37	5.71	4.96	4.17
D	30060	9	6062	-30.93	134.62	464013.5	6577492	248.09	198.58	118.35	120	129.73	54545.75	-0.06	2.13	1.97	-119.36	-37.89	0	0	-120	-35	8.18	7.42	6.94	6.39	5.73	4.97	4.17
D	30060	9	6062.2	-30.93	134.62	464026	6577493	247.91	198.42	118.09	120	129.82	54545.85	-0.06	2.21	1.72	-119.39	-37.86	0	0	-120	-35	8.23	7.47	6.99	6.43	5.76	4.99	4.17
D	30060	9	6062.4	-30.93	134.62	464038.4	6577493	247.75	198.23	117.85	120	129.9	54546.09	-0.06	2.29	1.5	-119.43	-37.86	0	0	-120	-35	8.3	7.53	7.04	6.48	5.8	5.02	4.18
D	30060	9	6062.6	-30.93	134.62	464050.9	6577493	247.63	198	117.64	120	129.99	54546.42	-0.06	2.36	1.4	-119.46	-37.9	0	0	-120	-35	8.38	7.61	7.11	6.54	5.85	5.06	4.2
D	30060	9	6062.8	-30.93	134.62	464063.3	6577493	247.55	197.73	117.41	120	130.14	54546.79	-0.05	2.46	1.37	-119.5	-37.95	0	0	-120	-35	8.47	7.69	7.19	6.6	5.9	5.1	4.22
D	30060	9	6063	-30.93	134.62	464075.7	6577493	247.53	197.48	117.18	120	130.34	54547.21	-0.05	2.58	1.4	-119.54	-37.99	0	0	-120	-35	8.55	7.76	7.25	6.66	5.95	5.13	4.23
D	30060	9	6063.2	-30.93	134.62	464088.2	6577493	247.56	197.33	116.96	120	130.6	54547.69	-0.05	2.76	1.35	-119.56	-38.05	0	0	-120	-35	8.61	7.81	7.3	6.7	5.98	5.14	4.22
D	30060	9	6063.4	-30.93	134.62	464100.6	6577493	247.64	197.29	116.76	120	130.89	54548.25	-0.05	2.96	1.26	-119.56	-38.12	0	0	-120	-35	8.63	7.82	7.3	6.7	5.97	5.13	4.19
D	30060	9	6063.6	-30.93	134.62	464113	6577493	247.78	197.38	116.63	120	131.15	54548.87	-0.04	3.12	1.11	-119.56	-38.19	0	0	-120	-35	8.61	7.8	7.28	6.67	5.93	5.07	4.12
D	30060	9	6063.8	-30.93	134.62	464125.5	6577493	247.97	197.61	116.61	120	131.36	54549.59	-0.04	3.21	0.92	-119.56	-38.3	0	0	-120	-35	8.56	7.75	7.22	6.61	5.86	4.99	4.03
D	30060	9	6064	-30.93	134.62	464137.9	6577493	248.2	197.94	116.72	120	131.48	54550.42	-0.03	3.22	0.84	-119.49	-38.41	0	0	-120	-35	8.49	7.68	7.14	6.53	5.77	4.89	3.92
D	30060	9	6064.2	-30.93	134.62	464150.3	6577493	248.47	198.4	116.97	120	131.5	54551.36	-0.02	3.14	0.8	-119.42	-38.57	0	0	-120	-35	8.43	7.62	7.07	6.46	5.69	4.8	3.81
D	30060	9	6064.4	-30.93	134.62	464162.7	6577494	248.78	198.91	117.33	120	131.45	54552.33	-0.01	3	0.95	-119.3	-38.72	0	0	-120	-35	8.39	7.58	7.03	6.4	5.63	4.72	3.72
D	30060	9	6064.6	-30.93	134.62	464175.2	6577494	249.12	199.42	117.75	120	131.37	54553.29	-0.01	2.85	1.2	-119.13	-38.9	0	0	-120	-35	8.38	7.56	6.99	6.37	5.58	4.65	3.64
D	30060	9	6064.8	-30.93	134.62	464187.6	6577494	249.46	199.9	118.15	120	131.31	54554.25	0	2.72	1.47	-118.95	-39.13	0	0	-120	-35	8.38	7.54	6.97	6.33	5.53	4.59	3.56
D	30060	9	6065	-30.93	134.62	464200	6577494	249.8	200.31	118.47	120	131.33	54555.19	0.01	2.63	1.73	-118.72	-39.3	0	0	-120	-35	8.39	7.53	6.95	6.3	5.48	4.52	3.47
D	30060	9	6065.2	-30.93	134.62	464212.4	6577494	250.14	200.69	118.64	120	131.49	54556.08	0.01	2.58	1.83	-118.53	-39.48	0	0	-120	-35	8.39	7.5	6.92	6.25	5.42	4.45	3.39
D	30060	9	6065.4	-30.93	134.62	464224.8	6577494	250.46	201.05	118.64	120	131.81	54556.9	0.01	2.57	1.67	-118.37	-39.6	0	0	-120	-35	8.36	7.46	6.87	6.19	5.34	4.36	3.29
D	30060	9	6065.6	-30.93	134.62	464237.2	6577494	250.76	201.41	118.46	120	132.3	54557.66	0.02	2.58	1.3	-118.21	-39.67	0	0	-120	-35	8.29	7.38	6.79	6.1	5.24	4.25	3.18
D	30060	9	6065.8	-30.93	134.62	464249.6	6577494	251.05	201.77	118.14	120	132.91	54558.39	0.02	2.55	0.88	-118.08	-39.67	0	0	-120	-35	8.2	7.28	6.69	5.99	5.13	4.13	3.06
D	30060	9	6066	-30.93	134.62	464262	6577494	251.31	202.12	117.73	120	133.58	54559.12	0.02	2.5	0.58	-118	-39.6	0	0	-120	-35	8.09	7.17	6.57	5.87	5	3.99	2.92
D	30060	9	6066.2	-30.93	134.62	464274.4	6577494	251.55	202.46	117.28	120	134.27	54559.83	0.03	2.44	0.43	-117.95	-39.5	0	0	-120	-35	7.97	7.05	6.45	5.74	4.86	3.85	2.79
D	30060	9	6066.4	-30.93	134.62	464286.8	6577494	251.76	202.75	116.85	120	134.92	54560.56	0.03	2.4	0.49	-117.92	-39.3	0	0	-120	-35	7.86	6.94	6.33	5.61	4.73	3.72	2.66
D	30060	9	6066.6	-30.93	134.62	464299.2	6577494	251.94	202.98	116.44	120	135.51	54561.3	0.03	2.37	0.76	-117.94	-39.12	0	0	-120	-35	7.77	6.84	6.22	5.5	4.61	3.59	2.54
D	30060	9	6066.8	-30.93	134.62	464311.6	6577494	252.09	203.09	116.09	120	136	54562.01	0.04	2.35	1.25	-117.97	-38.86	0	0	-120	-35	7.7	6.77	6.14	5.41	4.51	3.49	2.43
D	30060	9	6067	-30.93	134.62	464324	6577494	252.2	203.08	115.83	120	136.37	54562.62	0.04	2.35	1.9	-118.08	-38.56	0	0	-120	-35	7.67	6.72	6.08	5.35	4.44	3.4	2.34
D	30060	9	6067.2	-30.93	134.62	464336.3	6577494	252.26	202.97	115.62	120	136.65	54563.17	0.05	2.4	2.45	-118.22	-38.23	0	0	-120	-35	7.65	6.69	6.04	5.3	4.38	3.33	2.26
D	30060	9	6067.4	-30.93	134.62	464348.7	6577494	252.3	202.82	115.47	120	136.83	54563.74	0.05	2.47	2.81	-118.42	-37.84	0	0	-120	-35	7.63	6.66	6	5.26	4.33	3.27	2.2
D	30060	9	6067.6	-30.93	134.62	464361.1	6577494	252.29	202.71	115.34	120	136.95	54564.34	0.05	2.56	3.04	-118.66	-37.41	0	0	-120	-35	7.61	6.63	5.97	5.22	4.28	3.22	2.14
D	30060	9	6067.8	-30.93	134.62	464373.5	6577494	252.27	202.64	115.23	120	137.04	54564.86	0.05	2.65	3.22	-118.97	-36.92	0	0	-120	-35	7.58	6.6	5.92	5.18	4.23	3.17	2.09

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30060	9	6075.8	-30.93	134.63	464869.6	6577484	254.26	205.08	117.02	120	137.24	54557.56		0.6	-3.15	-120.22	-34.2	0	0	-120	-35	6.93	5.89	5.24	4.59	3.83	2.98	2.08
D	30060	9	6076	-30.93	134.63	464882.1	6577484	253.87	204.65	116.53	120	137.34	54556.76		0.69	-2.53	-120.61	-33.45	0	0	-120	-35	6.94	5.91	5.27	4.63	3.87	3.02	2.12
D	30060	9	6076.2	-30.93	134.63	464894.7	6577484	253.46	204.19	115.92	120	137.54	54555.77		0.79	-2.02	-121.01	-32.73	0	0	-120	-35	6.97	5.95	5.31	4.68	3.93	3.08	2.16
D	30060	9	6076.4	-30.93	134.63	464907.2	6577484	253.01	203.67	115.24	120	137.77	54554.64		0.89	-1.61	-121.41	-32.05	0	0	-120	-35	7.01	6	5.37	4.74	3.99	3.15	2.22
D	30060	9	6076.6	-30.93	134.63	464919.8	6577484	252.55	203.08	114.55	120	138.01	54553.42		0.96	-1.31	-121.79	-31.43	0	0	-120	-35	7.07	6.06	5.44	4.82	4.07	3.22	2.27
D	30060	9	6076.8	-30.93	134.63	464932.4	6577484	252.07	202.46	113.9	120	138.17	54552.18		0.97	-1.06	-122.18	-30.81	0	0	-120	-35	7.13	6.14	5.52	4.9	4.15	3.29	2.33
D	30060	9	6077	-30.93	134.63	464945	6577484	251.58	201.85	113.32	120	138.27	54550.96		0.9	-0.69	-122.57	-30.27	0	0	-120	-35	7.21	6.22	5.6	4.99	4.24	3.36	2.39
D	30060	9	6077.2	-30.93	134.63	464957.6	6577484	251.09	201.26	112.76	120	138.33	54549.76		0.77	-0.12	-122.92	-29.76	0	0	-120	-35	7.29	6.31	5.69	5.07	4.32	3.43	2.44
D	30060	9	6077.4	-30.93	134.63	464970.2	6577484	250.59	200.72	112.2	120	138.39	54548.48		0.51	0.6	-123.27	-29.32	0	0	-120	-35	7.39	6.4	5.77	5.16	4.39	3.5	2.48
D	30060	9	6077.6	-30.93	134.63	464982.9	6577484	250.1	200.25	111.69	120	138.4	54547.04		0.12	1.4	-123.59	-28.96	0	0	-120	-35	7.49	6.5	5.86	5.24	4.47	3.56	2.52
D	30060	9	6077.8	-30.93	134.63	464995.5	6577484	249.61	199.84	111.32	120	138.3	54545.5	0.04	0.28	2	-123.86	-28.7	0	0	-120	-35	7.6	6.6	5.96	5.33	4.54	3.61	2.56
D	30060	9	6078	-30.93	134.63	465008.2	6577485	249.15	199.49	111.12	120	138.02	54543.96	0.03	0.67	2.18	-124.05	-28.5	0	0	-120	-35	7.73	6.71	6.06	5.42	4.61	3.66	2.59
D	30060	9	6078.2	-30.93	134.63	465020.9	6577485	248.7	199.14	111.07	120	137.63	54542.41	0.02	1.02	2.11	-124.22	-28.44	0	0	-120	-35	7.86	6.82	6.17	5.51	4.69	3.71	2.61
D	30060	9	6078.4	-30.93	134.63	465033.5	6577485	248.27	198.76	111.03	120	137.23	54540.79	0.01	1.3	2.03	-124.3	-28.42	0	0	-120	-35	8	6.94	6.28	5.61	4.76	3.75	2.63
D	30060	9	6078.6	-30.93	134.63	465046.2	6577485	247.88	198.34	110.93	120	136.95	54539.11	0	1.63	1.71	-124.33	-28.54	0	0	-120	-35	8.14	7.06	6.39	5.7	4.82	3.79	2.64
D	30060	9	6078.8	-30.93	134.63	465058.9	6577485	247.54	197.92	110.73	120	136.82	54537.48	0	2.08	1.17	-124.3	-28.73	0	0	-120	-35	8.27	7.17	6.5	5.78	4.88	3.82	2.65
D	30060	9	6079	-30.93	134.63	465071.6	6577485	247.28	197.58	110.47	120	136.81	54536.01	-0.01	2.6	0.57	-124.24	-29.02	0	0	-120	-35	8.38	7.27	6.59	5.85	4.93	3.84	2.64
D	30060	9	6079.2	-30.93	134.63	465084.3	6577485	247.08	197.4	110.25	120	136.84	54534.76	-0.01	3.04	0.06	-124.13	-29.42	0	0	-120	-35	8.49	7.37	6.67	5.91	4.96	3.84	2.63
D	30060	9	6079.4	-30.93	134.63	465096.9	6577485	246.95	197.36	110.1	120	136.86	54533.65	-0.01	3.34	-0.26	-124.01	-30	0	0	-120	-35	8.6	7.46	6.75	5.97	4.99	3.85	2.62
D	30060	9	6079.6	-30.93	134.63	465109.6	6577485	246.89	197.39	110.03	120	136.86	54532.64	-0.01	3.53	-0.5	-123.83	-30.7	0	0	-120	-35	8.7	7.56	6.82	6.03	5.02	3.85	2.6
D	30060	9	6079.8	-30.93	134.63	465122.3	6577485	246.86	197.44	110.02	120	136.84	54531.67	-0.01	3.62	-0.71	-123.61	-31.64	0	0	-120	-35	8.82	7.66	6.91	6.09	5.05	3.85	2.59
D	30060	9	6080	-30.93	134.63	465134.9	6577485	246.88	197.42	110.05	120	136.83	54530.76	-0.01	3.62	-0.93	-123.29	-32.72	0	0	-120	-35	8.97	7.78	7.01	6.16	5.1	3.87	2.59
D	30060	9	6080.2	-30.93	134.63	465147.6	6577486	246.92	197.36	110.09	120	136.83	54529.95	-0.01	3.57	-1.2	-122.89	-33.93	0	0	-120	-35	9.13	7.91	7.12	6.26	5.17	3.91	2.61
D	30060	9	6080.4	-30.93	134.63	465160.2	6577486	247	197.27	110.13	120	136.86	54529.22	0	3.46	-1.36	-122.4	-35.27	0	0	-120	-35	9.33	8.08	7.27	6.38	5.27	3.98	2.65
D	30060	9	6080.6	-30.93	134.63	465172.8	6577486	247.09	197.22	110.14	120	136.95	54528.51	0	3.34	-1.38	-121.83	-36.57	0	0	-120	-35	9.54	8.25	7.43	6.52	5.38	4.07	2.72
D	30060	9	6080.8	-30.93	134.63	465185.4	6577486	247.19	197.23	110.12	120	137.06	54527.74	0	3.24	-1.31	-121.21	-37.78	0	0	-120	-35	9.74	8.42	7.58	6.65	5.5	4.17	2.79
D	30060	9	6081	-30.93	134.63	465198	6577486	247.28	197.31	110.09	120	137.19	54526.87	0.01	3.16	-1.27	-120.59	-38.89	0	0	-120	-35	9.91	8.56	7.72	6.78	5.61	4.27	2.87
D	30060	9	6081.2	-30.93	134.63	465210.6	6577486	247.35	197.46	110.02	120	137.33	54525.96	0.01	3.11	-1.37	-120	-39.82	0	0	-120	-35	0.04	8.67	7.82	6.88	5.71	4.36	2.95
D	30060	9	6081.4	-30.93	134.63	465223.2	6577486	247.41	197.65	109.9	120	137.51	54525	0.01	3.08	-1.51	-119.43	-40.56	0	0	-120	-35	0.13	8.75	7.9	6.95	5.78	4.44	3.03
D	30060	9	6081.6	-30.93	134.63	465235.7	6577487	247.47	197.86	109.68	120	137.79	54524.01	0.01	3.07	-1.58	-118.94	-41.18	0	0	-120	-35	0.17	8.79	7.94	7.01	5.84	4.51	3.1
D	30060	9	6081.8	-30.93	134.63	465248.3	6577487	247.54	198.04	109.33	120	138.2	54522.96	0.01	3.1	-1.63	-118.5	-41.64	0	0	-120	-35	0.19	8.81	7.96	7.04	5.89	4.57	3.16
D	30060	9	6082	-30.93	134.63	465260.8	6577487	247.61	198.19	108.9	120	138.72	54521.91	0	3.13	-1.72	-118.16	-41.95	0	0	-120	-35	0.2	8.82	7.97	7.06	5.93	4.63	3.23
D	30060	9	6082.2	-30.93	134.63	465273.4	6577487	247.7	198.3	108.43	120	139.27	54520.87	0	3.18	-1.74	-117.86	-42.22	0	0	-120	-35	0.21	8.82	7.98	7.08	5.97	4.69	3.3
D	30060	9	6082.4	-30.93	134.63	465285.9	6577488	247.8	198.4	108.09	120	139.71	54519.83	0	3.3	-1.58	-117.65	-42.39	0	0	-120	-35	0.22	8.83	8	7.1	6.01	4.75	3.37
D	30060	9	6082.6	-30.93	134.63	465298.4	6577488	247.92	198.5	107.99	120	139.93	54518.74	-0.01	3.46	-1.35	-117.5	-42.51	0	0	-120	-35	0.24	8.83	8.01	7.12	6.04	4.8	3.43
D	30060	9	6082.8	-30.93	134.63	465310.9	6577488	248.06	198.63	108.18	120	139.88	54517.61	-0.01	3.62	-1.21	-117.4	-42.61	0	0	-120	-35	0.23	8.82	7.99	7.12	6.06	4.83	3.48
D	30060	9	6083	-30.93	134.63	465323.4	6577489	248.23	198.82	108.64	120	139.59	54516.46	-0.01	3.75	-1.12	-117.33	-42.68	0	0	-120	-35	0.21	8.78	7.96	7.09	6.05	4.84	3.51
D	30060	9	6083.2	-30.93	134.63	465335.9	6577489	248.42	199.05	109.22	120	139.2	54515.36	-0.01	3.85	-1.08	-117.29	-42.7	0	0	-120	-35	0.14	8.7	7.89	7.03	6.01	4.83	3.51
D	30060	9	6083.4	-30.93	134.63	465348.4	6577489	248.65	199.31	109.8	120	138.85	54514.36	-0.01	3.93	-1.1	-117.3	-42.68	0	0	-120	-35	0.03	8.59	7.79	6.94	5.94	4.78	3.49
D	30060	9	6083.6	-30.93	134.63	465360.9	6577490	248.89	199.61	110.27	120	138.62	54513.48	-0.01	3.96	-1.04	-117.3	-42.62	0	0	-120	-35	9.89	8.45	7.65	6.82	5.84	4.72	3.46
D	30060	9	6083.8	-30.93	134.63	465373.4	6577490	249.15	199.95	110.61	120	138.54	54512.63	-0.01	3.96	-0.91	-117.35	-42.53	0	0	-120	-35	9.72	8.29	7.49	6.68	5.73	4.63	3.41
D	30060	9	6084	-30.93	134.63	465385.9	6577490	249.43	200.33	110.88	120	138.55	54511.74	-0.01	3.94	-0.86	-117.4	-42.48	0	0	-120	-35	9.53	8.11	7.32	6.53	5.6	4.54	3.35
D	30060	9	6084.2	-30.93	134.63	465398.3	6577491	249.73	200.72	111.16	120	138.57	54510.78	-0.01	3.89	-1	-117.45	-42.38	0	0	-120	-35	9.34	7.92	7.15	6.38	5.48	4.45	3.29
D	30060	9	6084.4	-30.93	134.63	465410																							

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30060	9	6092.2	-30.93	134.64	465895.7	6577511	259.23	210.6	119.96	120	139.27	54475.59	-0.09	1.35	0.13	-120.05	-35.96	0	0	-120	-35	5.43	4.37	3.86	3.46	3.04	2.61	2.15
D	30060	9	6092.4	-30.93	134.64	465908.1	6577511	259.26	210.76	120	120	139.26	54475.16	-0.09	1.24	0.05	-120.01	-35.92	0	0	-120	-35	5.44	4.37	3.87	3.45	3.04	2.62	2.16
D	30060	9	6092.6	-30.93	134.64	465920.6	6577511	259.23	210.72	120.02	120	139.21	54474.88	-0.09	1.18	0.16	-119.98	-35.83	0	0	-120	-35	5.46	4.38	3.88	3.46	3.04	2.62	2.17
D	30060	9	6092.8	-30.93	134.64	465933.1	6577512	259.16	210.51	120.04	120	139.12	54474.68	-0.09	1.17	0.67	-119.96	-35.68	0	0	-120	-35	5.49	4.39	3.89	3.46	3.04	2.63	2.18
D	30060	9	6093	-30.93	134.64	465945.5	6577512	259.05	210.25	120.02	120	139.03	54474.53	-0.09	1.21	1.27	-120	-35.48	0	0	-120	-35	5.52	4.41	3.92	3.47	3.05	2.63	2.18
D	30060	9	6093.2	-30.93	134.64	465958	6577512	258.91	209.97	119.97	120	138.94	54474.45	-0.09	1.31	1.76	-120.06	-35.28	0	0	-120	-35	5.55	4.44	3.94	3.49	3.06	2.63	2.18
D	30060	9	6093.4	-30.93	134.64	465970.4	6577513	258.74	209.69	119.86	120	138.88	54474.44	-0.09	1.46	2.22	-120.16	-35.04	0	0	-120	-35	5.57	4.46	3.96	3.5	3.06	2.63	2.17
D	30060	9	6093.6	-30.93	134.64	465982.9	6577513	258.55	209.43	119.69	120	138.86	54474.48	-0.09	1.59	2.64	-120.31	-34.8	0	0	-120	-35	5.59	4.48	3.98	3.51	3.07	2.63	2.16
D	30060	9	6093.8	-30.93	134.64	465995.4	6577513	258.36	209.19	119.49	120	138.87	54474.47	-0.09	1.7	2.91	-120.47	-34.56	0	0	-120	-35	5.62	4.51	4	3.53	3.08	2.63	2.15
D	30060	9	6094	-30.93	134.64	466007.8	6577514	258.18	208.98	119.27	120	138.9	54474.4	-0.09	1.8	2.83	-120.63	-34.35	0	0	-120	-35	5.65	4.55	4.03	3.56	3.09	2.63	2.14
D	30060	9	6094.2	-30.93	134.64	466020.3	6577514	258	208.82	119.04	120	138.96	54474.36	-0.09	1.93	2.39	-120.8	-34.2	0	0	-120	-35	5.7	4.59	4.06	3.59	3.11	2.64	2.13
D	30060	9	6094.4	-30.93	134.64	466032.7	6577514	257.84	208.7	118.82	120	139.02	54474.46	-0.09	2.07	1.78	-120.94	-34.11	0	0	-120	-35	5.75	4.63	4.09	3.62	3.13	2.65	2.12
D	30060	9	6094.6	-30.93	134.64	466045.2	6577514	257.7	208.62	118.6	120	139.1	54474.73	-0.09	2.2	1.15	-121.06	-34.04	0	0	-120	-35	5.8	4.67	4.13	3.65	3.16	2.66	2.12
D	30060	9	6094.8	-30.93	134.64	466057.6	6577514	257.57	208.6	118.35	120	139.22	54475.16	-0.09	2.31	0.58	-121.14	-34.06	0	0	-120	-35	5.84	4.7	4.15	3.67	3.17	2.66	2.11
D	30060	9	6095	-30.93	134.64	466070	6577515	257.46	208.65	118.12	120	139.34	54475.67	-0.09	2.42	0.08	-121.17	-34.07	0	0	-120	-35	5.87	4.71	4.15	3.68	3.17	2.65	2.09
D	30060	9	6095.2	-30.93	134.64	466082.5	6577515	257.36	208.7	117.87	120	139.49	54476.24	-0.08	2.5	-0.34	-121.19	-34.15	0	0	-120	-35	5.87	4.71	4.14	3.67	3.16	2.63	2.05
D	30060	9	6095.4	-30.93	134.64	466094.9	6577515	257.28	208.71	117.65	120	139.63	54476.87	-0.08	2.56	-0.71	-121.18	-34.24	0	0	-120	-35	5.87	4.69	4.12	3.65	3.13	2.6	2.01
D	30060	9	6095.6	-30.93	134.64	466107.3	6577515	257.21	208.65	117.46	120	139.76	54477.59	-0.07	2.62	-0.95	-121.16	-34.36	0	0	-120	-35	5.85	4.67	4.09	3.62	3.1	2.56	1.97
D	30060	9	6095.8	-30.93	134.64	466119.8	6577515	257.15	208.51	117.28	120	139.87	54478.38	-0.06	2.66	-1.09	-121.09	-34.5	0	0	-120	-35	5.85	4.65	4.07	3.6	3.07	2.52	1.92
D	30060	9	6096	-30.93	134.64	466132.2	6577515	257.08	208.34	117.14	120	139.94	54479.18	-0.06	2.69	-1.16	-121.03	-34.74	0	0	-120	-35	5.86	4.65	4.07	3.59	3.05	2.49	1.88
D	30060	9	6096.2	-30.93	134.64	466144.6	6577516	257	208.18	117.03	120	139.98	54479.98	-0.05	2.71	-1.18	-120.92	-35.02	0	0	-120	-35	5.91	4.68	4.09	3.6	3.04	2.47	1.84
D	30060	9	6096.4	-30.93	134.64	466157	6577516	256.92	208.04	116.96	120	139.97	54480.8	-0.04	2.73	-1.2	-120.81	-35.38	0	0	-120	-35	5.98	4.73	4.14	3.63	3.06	2.46	1.82
D	30060	9	6096.6	-30.93	134.64	466169.4	6577516	256.84	207.92	116.92	120	139.93	54481.7	-0.03	2.76	-1.19	-120.66	-35.72	0	0	-120	-35	6.08	4.81	4.2	3.67	3.08	2.45	1.8
D	30060	9	6096.8	-30.93	134.64	466181.8	6577516	256.76	207.81	116.89	120	139.87	54482.65	-0.03	2.77	-1.04	-120.51	-36.11	0	0	-120	-35	6.19	4.89	4.27	3.72	3.1	2.45	1.78
D	30060	9	6097	-30.93	134.64	466194.2	6577516	256.68	207.7	116.86	120	139.83	54483.58	-0.02	2.79	-0.76	-120.34	-36.5	0	0	-120	-35	6.29	4.96	4.33	3.76	3.12	2.45	1.75
D	30060	9	6097.2	-30.93	134.64	466206.6	6577516	256.61	207.58	116.81	120	139.8	54484.48	-0.01	2.82	-0.47	-120.21	-36.85	0	0	-120	-35	6.37	5.02	4.38	3.78	3.13	2.43	1.72
D	30060	9	6097.4	-30.93	134.64	466218.9	6577517	256.53	207.44	116.75	120	139.78	54485.34	-0.01	2.86	-0.25	-120.07	-37.16	0	0	-120	-35	6.42	5.06	4.41	3.79	3.12	2.4	1.68
D	30060	9	6097.6	-30.93	134.64	466231.3	6577517	256.47	207.3	116.69	120	139.78	54486.19	0	2.91	-0.15	-119.92	-37.41	0	0	-120	-35	6.45	5.09	4.42	3.79	3.1	2.37	1.63
D	30060	9	6097.8	-30.93	134.64	466243.7	6577517	256.42	207.15	116.64	120	139.78	54487.03	0.01	2.98	-0.06	-119.82	-37.67	0	0	-120	-35	6.47	5.1	4.42	3.78	3.07	2.32	1.59
D	30060	9	6098	-30.93	134.64	466256	6577517	256.4	207.05	116.58	120	139.82	54487.84	0.01	3.02	0.02	-119.73	-37.92	0	0	-120	-35	6.49	5.11	4.42	3.77	3.04	2.28	1.53
D	30060	9	6098.2	-30.93	134.64	466268.4	6577517	256.4	207.03	116.48	120	139.92	54488.54	0.01	3.03	0.06	-119.63	-38.21	0	0	-120	-35	6.52	5.13	4.43	3.76	3.02	2.24	1.49
D	30060	9	6098.4	-30.93	134.64	466280.7	6577517	256.43	207.08	116.37	120	140.07	54489.14	0.02	3.03	0.02	-119.51	-38.51	0	0	-120	-35	6.56	5.16	4.44	3.76	2.99	2.2	1.44
D	30060	9	6098.6	-30.93	134.64	466293	6577518	256.48	207.18	116.2	120	140.28	54489.68	0.02	3.02	-0.2	-119.41	-38.82	0	0	-120	-35	6.62	5.2	4.46	3.76	2.98	2.16	1.4
D	30060	9	6098.8	-30.93	134.64	466305.4	6577518	256.55	207.32	116.01	120	140.54	54490.15	0.03	2.99	-0.55	-119.28	-39.2	0	0	-120	-35	6.67	5.24	4.48	3.77	2.96	2.13	1.35
D	30060	9	6099	-30.93	134.64	466317.7	6577518	256.64	207.45	115.86	120	140.78	54490.55	0.03	2.92	-0.8	-119.14	-39.53	0	0	-120	-35	6.73	5.27	4.49	3.76	2.93	2.09	1.31
D	30060	9	6099.2	-30.93	134.64	466330	6577518	256.74	207.58	115.74	120	141.01	54490.85	0.03	2.82	-0.87	-119	-39.8	0	0	-120	-35	6.76	5.29	4.5	3.75	2.89	2.04	1.26
D	30060	9	6099.4	-30.93	134.64	466342.3	6577519	256.86	207.76	115.68	120	141.18	54491.11	0.03	2.71	-0.95	-118.85	-40.02	0	0	-120	-35	6.79	5.3	4.5	3.72	2.85	1.98	1.2
D	30060	9	6099.6	-30.93	134.64	466354.6	6577519	256.99	207.96	115.7	120	141.3	54491.35	0.04	2.55	-0.86	-118.73	-40.18	0	0	-120	-35	6.8	5.3	4.49	3.69	2.8	1.92	1.14
D	30060	9	6099.8	-30.93	134.64	466367	6577519	257.12	208.2	115.76	120	141.36	54491.52	0.04	2.36	-0.42	-118.65	-40.26	0	0	-120	-35	6.8	5.3	4.47	3.65	2.74	1.85	1.08
D	30060	9	6100	-30.93	134.64	466379.3	6577519	257.25	208.42	115.87	120	141.37	54491.54	0.04	2.18	0.13	-118.55	-40.26	0	0	-120	-35	6.8	5.3	4.47	3.62	2.69	1.79	1.02
D	30060	9	6100.2	-30.93	134.64	466391.6	6577519	257.36	208.53	115.99	120	141.37	54491.4	0.03	2.05	0.62	-118.52	-40.26	0	0	-120	-35	6.82	5.32	4.48	3.61	2.66	1.75	0.98
D	30060	9	6100.4	-30.93	134.64	466403.9	6577520	257.48	208.53	116.05	120	141.43	54491.1	0.03	1.94	1.05	-118.5	-40.21	0	0	-120	-35	6.85	5.36	4.5	3.62	2.65	1.72	0.94
D	30060	9	6100.6	-30.93	134.64	466416.2	6577520	257.58	208.45	116.01	120	141.57	54490.72	0.03	1.82	1.37	-118.49	-40.11	0	0	-120	-35	6.89	5.41	4.54	3.64	2.65	1.7	0

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30060	9	6108.6	-30.93	134.65	466913.6	6577516	258.66	209.14	112.77	120	145.88	54490.09	0.02	2.84	-2.1	-119.34	-39.22	0	0	-120	-35	8.07	6.89	6.14	5.34	4.36	3.24	2.1
D	30060	9	6108.8	-30.93	134.65	466926.1	6577515	258.87	209.38	112.98	120	145.89	54490.4	0.02	2.86	-2.22	-119	-39.52	0	0	-120	-35	8.04	6.88	6.13	5.36	4.38	3.28	2.14
D	30060	9	6109	-30.93	134.65	466938.5	6577515	259.07	209.66	113.24	120	145.83	54490.75	0.03	2.87	-2.25	-118.7	-39.78	0	0	-120	-35	8	6.86	6.12	5.36	4.4	3.31	2.18
D	30060	9	6109.2	-30.93	134.65	466951	6577515	259.25	209.97	113.53	120	145.73	54491.11	0.03	2.82	-2.18	-118.47	-40	0	0	-120	-35	7.98	6.85	6.11	5.35	4.4	3.33	2.2
D	30060	9	6109.4	-30.93	134.65	466963.4	6577515	259.42	210.21	113.8	120	145.62	54491.37	0.04	2.78	-1.95	-118.29	-40.18	0	0	-120	-35	7.97	6.84	6.1	5.34	4.4	3.34	2.22
D	30060	9	6109.6	-30.93	134.65	466975.9	6577515	259.58	210.39	114.06	120	145.52	54491.47	0.04	2.81	-1.61	-118.14	-40.33	0	0	-120	-35	7.97	6.83	6.09	5.33	4.4	3.34	2.24
D	30060	9	6109.8	-30.93	134.65	466988.3	6577515	259.7	210.56	114.25	120	145.45	54491.43	0.05	2.92	-1.28	-118.08	-40.39	0	0	-120	-35	7.97	6.82	6.07	5.32	4.39	3.34	2.25
D	30060	9	6110	-30.93	134.65	467000.7	6577515	259.8	210.74	114.36	120	145.44	54491.33	0.05	3.04	-1.15	-118.05	-40.46	0	0	-120	-35	7.96	6.8	6.05	5.29	4.37	3.34	2.26
D	30060	9	6110.2	-30.93	134.65	467013.2	6577515	259.87	210.94	114.42	120	145.45	54491.19	0.05	3.15	-1.1	-118.08	-40.5	0	0	-120	-35	7.93	6.76	6.01	5.26	4.35	3.32	2.26
D	30060	9	6110.4	-30.93	134.65	467025.6	6577515	259.92	211.11	114.37	120	145.55	54491	0.05	3.25	-0.99	-118.16	-40.5	0	0	-120	-35	7.87	6.69	5.96	5.21	4.31	3.3	2.27
D	30060	9	6110.6	-30.93	134.65	467038	6577515	259.96	211.19	114.27	120	145.69	54490.73	0.05	3.39	-0.78	-118.25	-40.46	0	0	-120	-35	7.8	6.62	5.89	5.15	4.27	3.28	2.27
D	30060	9	6110.8	-30.93	134.65	467050.4	6577515	260.01	211.18	114.16	120	145.84	54490.33	0.05	3.55	-0.51	-118.38	-40.43	0	0	-120	-35	7.72	6.54	5.82	5.09	4.23	3.27	2.29
D	30060	9	6111	-30.93	134.65	467062.8	6577515	260.08	211.1	114.09	120	145.99	54489.8	0.04	3.7	-0.25	-118.52	-40.39	0	0	-120	-35	7.64	6.46	5.75	5.04	4.19	3.26	2.31
D	30060	9	6111.2	-30.93	134.65	467075.2	6577515	260.17	211.02	114.1	120	146.07	54489.12	0.03	3.84	-0.09	-118.65	-40.36	0	0	-120	-35	7.57	6.4	5.7	5	4.18	3.27	2.35
D	30060	9	6111.4	-30.93	134.65	467087.6	6577515	260.29	211.08	114.19	120	146.1	54488.35	0.03	3.97	-0.2	-118.77	-40.37	0	0	-120	-35	7.53	6.37	5.68	4.99	4.19	3.31	2.4
D	30060	9	6111.6	-30.93	134.65	467100	6577515	260.45	211.26	114.35	120	146.1	54487.61	0.02	4.06	-0.52	-118.89	-40.39	0	0	-120	-35	7.5	6.34	5.66	4.98	4.2	3.35	2.47
D	30060	9	6111.8	-30.93	134.65	467112.4	6577515	260.66	211.54	114.57	120	146.09	54486.95	0.01	4.05	-0.89	-118.95	-40.45	0	0	-120	-35	7.48	6.31	5.64	4.98	4.22	3.39	2.54
D	30060	9	6112	-30.93	134.65	467124.7	6577515	260.93	211.92	114.84	120	146.09	54486.35	0.01	3.96	-1.08	-118.98	-40.53	0	0	-120	-35	7.45	6.29	5.62	4.98	4.24	3.44	2.61
D	30060	9	6112.2	-30.93	134.65	467137.1	6577515	261.26	212.29	115.16	120	146.1	54485.8	0.01	3.87	-0.98	-118.99	-40.62	0	0	-120	-35	7.41	6.26	5.6	4.97	4.25	3.47	2.68
D	30060	9	6112.4	-30.93	134.65	467149.5	6577515	261.65	212.69	115.51	120	146.14	54485.32	0.01	3.77	-0.84	-118.95	-40.74	0	0	-120	-35	7.35	6.21	5.56	4.94	4.24	3.5	2.73
D	30060	9	6112.6	-30.93	134.65	467161.9	6577515	262.09	213.21	115.93	120	146.16	54484.96	0.01	3.6	-0.59	-118.89	-40.87	0	0	-120	-35	7.27	6.14	5.49	4.89	4.22	3.51	2.77
D	30060	9	6112.8	-30.93	134.65	467174.2	6577515	262.54	213.78	116.46	120	146.08	54484.7	0.01	3.42	-0.01	-118.79	-40.93	0	0	-120	-35	7.16	6.05	5.41	4.83	4.17	3.5	2.8
D	30060	9	6113	-30.93	134.65	467186.6	6577515	263	214.37	117.14	120	145.86	54484.46	0.01	3.22	0.84	-118.67	-41.05	0	0	-120	-35	7.02	5.93	5.31	4.74	4.11	3.46	2.8
D	30060	9	6113.2	-30.93	134.65	467199	6577515	263.45	214.93	118.01	120	145.44	54484.2	0.02	3.01	1.66	-118.55	-41.08	0	0	-120	-35	6.88	5.82	5.2	4.65	4.04	3.42	2.79
D	30060	9	6113.4	-30.93	134.65	467211.3	6577515	263.89	215.35	118.99	120	144.9	54483.93	0.02	2.82	2.42	-118.4	-41.12	0	0	-120	-35	6.75	5.7	5.09	4.56	3.96	3.37	2.77
D	30060	9	6113.6	-30.93	134.65	467223.7	6577515	264.33	215.61	120	120	144.34	54483.62	0.02	2.66	3.2	-118.27	-41.15	0	0	-120	-35	6.62	5.59	4.99	4.47	3.89	3.31	2.73
D	30060	9	6113.8	-30.93	134.65	467236	6577514	264.78	215.8	120.98	120	143.81	54483.24	0.03	2.54	3.82	-118.17	-41.15	0	0	-120	-35	6.51	5.5	4.91	4.39	3.83	3.26	2.7
D	30060	9	6114	-30.93	134.65	467248.4	6577514	265.24	215.95	121.87	120	143.37	54482.8	0.03	2.51	4.12	-118.06	-41.12	0	0	-120	-35	6.41	5.41	4.84	4.33	3.77	3.22	2.67
D	30060	9	6114.2	-30.93	134.65	467260.8	6577514	265.72	216.15	122.67	120	143.05	54482.4	0.03	2.54	4.13	-117.99	-41.05	0	0	-120	-35	6.33	5.34	4.77	4.27	3.72	3.18	2.64
D	30060	9	6114.4	-30.93	134.65	467273.1	6577514	266.2	216.52	123.34	120	142.86	54482.04	0.03	2.55	4.05	-117.93	-40.93	0	0	-120	-35	6.25	5.27	4.72	4.22	3.68	3.14	2.61
D	30060	9	6114.6	-30.93	134.65	467285.5	6577514	266.66	217.02	123.9	120	142.76	54481.63	0.03	2.53	3.93	-117.89	-40.77	0	0	-120	-35	6.18	5.2	4.66	4.17	3.63	3.1	2.58
D	30060	9	6114.8	-30.93	134.65	467297.8	6577514	267.06	217.61	124.36	120	142.7	54481.11	0.03	2.48	3.52	-117.91	-40.51	0	0	-120	-35	6.1	5.13	4.61	4.12	3.59	3.06	2.55
D	30060	9	6115	-30.93	134.65	467310.2	6577513	267.4	218.25	124.72	120	142.67	54480.5	0.04	2.44	2.86	-117.95	-40.15	0	0	-120	-35	6.02	5.06	4.54	4.06	3.54	3.02	2.51
D	30060	9	6115.2	-30.93	134.65	467322.5	6577513	267.65	218.82	125.03	120	142.62	54479.85	0.04	2.47	2.18	-118.02	-39.69	0	0	-120	-35	5.93	4.98	4.47	3.99	3.49	2.98	2.47
D	30060	9	6115.4	-30.93	134.65	467334.9	6577513	267.82	219.28	125.26	120	142.56	54479.2	0.04	2.55	1.58	-118.18	-39.16	0	0	-120	-35	5.83	4.9	4.4	3.93	3.43	2.93	2.44
D	30060	9	6115.6	-30.93	134.65	467347.2	6577513	267.94	219.64	125.38	120	142.56	54478.54	0.04	2.68	1.06	-118.4	-38.59	0	0	-120	-35	5.74	4.81	4.32	3.86	3.37	2.88	2.4
D	30060	9	6115.8	-30.93	134.65	467359.6	6577513	268.03	219.85	125.44	120	142.59	54477.83	0.04	2.82	0.68	-118.65	-37.97	0	0	-120	-35	5.64	4.73	4.24	3.79	3.32	2.84	2.36
D	30060	9	6116	-30.93	134.65	467371.9	6577512	268.1	219.95	125.43	120	142.67	54477.02	0.04	2.98	0.58	-118.95	-37.39	0	0	-120	-35	5.56	4.66	4.18	3.73	3.27	2.8	2.33
D	30060	9	6116.2	-30.93	134.65	467384.2	6577512	268.16	220.01	125.36	120	142.8	54476.1	0.04	3.15	0.64	-119.23	-36.86	0	0	-120	-35	5.49	4.61	4.12	3.69	3.23	2.77	2.31
D	30060	9	6116.4	-30.93	134.65	467396.6	6577512	268.22	220.03	125.27	120	142.95	54475.1	0.04	3.3	0.82	-119.52	-36.4	0	0	-120	-35	5.45	4.57	4.09	3.66	3.21	2.75	2.3
D	30060	9	6116.6	-30.93	134.65	467408.9	6577511	268.27	220.04	125.13	120	143.14	54474.08	0.03	3.41	1.01	-119.77	-36.05	0	0	-120	-35	5.42	4.54	4.07	3.64	3.2	2.75	2.3
D	30060	9	6116.8	-30.93	134.65	467421.2	6577511	268.33	220.08	124.88	120	143.44	54473.01	0.03	3.46	1.24	-119.99	-35.86	0	0	-120	-35	5.42	4.53	4.06	3.64	3.19	2.75	2.31
D	30060	9	6117	-30.93	134.65	467433.6	6577511	268.4	220.08	124.51	120	143.89	54471.84	0.02	3.48	1.56	-120.18	-35.75	0	0	-120	-35	5.42	4.53	4.06	3.64	3.2	2.76	2.32

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30070	9	5517.8	-30.94	134.66	467961.8	6576499	256.96	206.63	113.81	120	143.15	54490.65	0.1	4.12	0.26	-117.9	-40.68	0	0	-120	-35	8.56	7.59	7	6.42	5.7	4.87	3.93
D	30070	9	5518	-30.94	134.66	467948.2	6576499	257.16	206.78	113.94	120	143.22	54489.31	0.08	4.09	0.2	-117.83	-40.69	0	0	-120	-35	8.49	7.53	6.94	6.36	5.64	4.8	3.87
D	30070	9	5518.2	-30.94	134.66	467934.6	6576499	257.38	206.94	114.11	120	143.26	54487.84	0.06	4.09	0.17	-117.79	-40.68	0	0	-120	-35	8.42	7.47	6.88	6.3	5.58	4.75	3.82
D	30070	9	5518.4	-30.94	134.66	467921.1	6576500	257.59	207.09	114.31	120	143.28	54486.29	0.04	4.14	0.26	-117.75	-40.66	0	0	-120	-35	8.36	7.41	6.83	6.25	5.52	4.69	3.77
D	30070	9	5518.6	-30.94	134.66	467907.6	6576500	257.81	207.25	114.52	120	143.3	54484.75	0.03	4.2	0.4	-117.73	-40.62	0	0	-120	-35	8.3	7.35	6.77	6.19	5.46	4.64	3.72
D	30070	9	5518.8	-30.94	134.66	467894	6576501	258.04	207.43	114.72	120	143.32	54483.21	0.01	4.23	0.68	-117.74	-40.61	0	0	-120	-35	8.24	7.29	6.71	6.13	5.4	4.58	3.67
D	30070	9	5519	-30.94	134.66	467880.5	6576501	258.26	207.63	114.89	120	143.37	54481.68	-0.01	4.24	1.1	-117.73	-40.56	0	0	-120	-35	8.17	7.23	6.65	6.06	5.34	4.52	3.62
D	30070	9	5519.2	-30.94	134.66	467867	6576501	258.47	207.87	115.04	120	143.44	54480.19	-0.02	4.24	1.46	-117.76	-40.53	0	0	-120	-35	8.1	7.15	6.58	5.99	5.27	4.46	3.57
D	30070	9	5519.4	-30.94	134.66	467853.5	6576502	258.69	208.13	115.18	120	143.51	54478.78	-0.04	4.23	1.72	-117.78	-40.46	0	0	-120	-35	8.02	7.08	6.51	5.92	5.2	4.39	3.52
D	30070	9	5519.6	-30.94	134.66	467840	6576502	258.91	208.39	115.31	120	143.6	54477.5	-0.05	4.2	1.94	-117.8	-40.44	0	0	-120	-35	7.94	7	6.44	5.85	5.13	4.33	3.46
D	30070	9	5519.8	-30.94	134.66	467826.5	6576502	259.15	208.67	115.48	120	143.67	54476.36	-0.07	4.16	2.09	-117.83	-40.39	0	0	-120	-35	7.87	6.92	6.37	5.78	5.06	4.26	3.4
D	30070	9	5520	-30.94	134.66	467813.1	6576503	259.41	208.93	115.67	120	143.74	54475.45	-0.08	4.13	2.05	-117.89	-40.38	0	0	-120	-35	7.79	6.85	6.3	5.71	4.99	4.19	3.35
D	30070	9	5520.2	-30.94	134.66	467799.6	6576503	259.7	209.15	115.92	120	143.78	54474.87	-0.08	4.11	1.95	-117.93	-40.37	0	0	-120	-35	7.72	6.77	6.24	5.64	4.93	4.13	3.28
D	30070	9	5520.4	-30.94	134.66	467786.2	6576504	260	209.36	116.25	120	143.75	54474.65	-0.08	4.1	2.05	-117.97	-40.36	0	0	-120	-35	7.65	6.7	6.17	5.57	4.85	4.05	3.21
D	30070	9	5520.6	-30.94	134.66	467772.7	6576504	260.33	209.55	116.68	120	143.65	54474.75	-0.08	4.08	2.31	-118.01	-40.35	0	0	-120	-35	7.57	6.62	6.09	5.49	4.77	3.97	3.13
D	30070	9	5520.8	-30.94	134.66	467759.3	6576504	260.67	209.84	117.17	120	143.5	54475.08	-0.08	3.98	2.51	-118.03	-40.35	0	0	-120	-35	7.49	6.53	6.01	5.4	4.68	3.88	3.04
D	30070	9	5521	-30.94	134.66	467745.8	6576505	261.02	210.31	117.7	120	143.32	54475.61	-0.07	3.77	2.58	-118.05	-40.35	0	0	-120	-35	7.4	6.44	5.92	5.3	4.57	3.77	2.93
D	30070	9	5521.2	-30.94	134.66	467732.4	6576505	261.39	210.87	118.21	120	143.18	54476.31	-0.06	3.51	2.5	-118.08	-40.3	0	0	-120	-35	7.31	6.35	5.82	5.2	4.47	3.66	2.82
D	30070	9	5521.4	-30.94	134.66	467719	6576506	261.76	211.48	118.61	120	143.14	54477.17	-0.05	3.22	2.14	-118.09	-40.26	0	0	-120	-35	7.22	6.26	5.73	5.1	4.36	3.54	2.7
D	30070	9	5521.6	-30.94	134.66	467705.5	6576506	262.11	212	118.88	120	143.23	54478.16	-0.04	2.95	1.66	-118.11	-40.21	0	0	-120	-35	7.15	6.18	5.64	5.01	4.26	3.43	2.58
D	30070	9	5521.8	-30.94	134.66	467692.1	6576506	262.42	212.35	118.96	120	143.46	54479.28	-0.03	2.78	1.16	-118.09	-40.06	0	0	-120	-35	7.08	6.12	5.56	4.92	4.16	3.32	2.46
D	30070	9	5522	-30.94	134.66	467678.7	6576507	262.66	212.6	118.94	120	143.73	54480.55	-0.02	2.71	0.57	-118.1	-39.86	0	0	-120	-35	7.01	6.04	5.47	4.83	4.05	3.2	2.33
D	30070	9	5522.2	-30.94	134.66	467665.3	6576507	262.83	212.8	118.91	120	143.92	54481.93	-0.01	2.69	-0.01	-118.13	-39.59	0	0	-120	-35	6.92	5.96	5.37	4.72	3.93	3.07	2.2
D	30070	9	5522.4	-30.94	134.66	467651.9	6576508	262.92	212.94	118.95	120	143.98	54483.34	0.01	2.68	-0.43	-118.19	-39.21	0	0	-120	-35	6.82	5.86	5.26	4.6	3.8	2.93	2.06
D	30070	9	5522.6	-30.94	134.66	467638.4	6576508	262.96	213.03	119.14	120	143.82	54484.74	0.02	2.68	-0.77	-118.32	-38.79	0	0	-120	-35	6.71	5.76	5.14	4.46	3.66	2.78	1.92
D	30070	9	5522.8	-30.94	134.66	467625	6576508	262.96	213	119.49	120	143.47	54486.15	0.03	2.69	-1.1	-118.48	-38.33	0	0	-120	-35	6.58	5.63	5	4.31	3.5	2.62	1.78
D	30070	9	5523	-30.94	134.66	467611.6	6576509	262.93	212.86	119.93	120	143	54487.53	0.05	2.76	-1.4	-118.68	-37.85	0	0	-120	-35	6.46	5.5	4.85	4.16	3.33	2.47	1.64
D	30070	9	5523.2	-30.94	134.66	467598.2	6576509	262.88	212.68	120.42	120	142.46	54488.82	0.06	2.86	-1.73	-118.93	-37.35	0	0	-120	-35	6.35	5.39	4.72	4.02	3.18	2.32	1.51
D	30070	9	5523.4	-30.94	134.66	467584.8	6576509	262.81	212.53	120.92	120	141.89	54489.91	0.07	2.94	-2.1	-119.21	-36.96	0	0	-120	-35	6.28	5.3	4.61	3.89	3.05	2.19	1.41
D	30070	9	5523.6	-30.94	134.66	467571.4	6576509	262.74	212.46	121.37	120	141.37	54490.78	0.08	3.04	-2.45	-119.47	-36.59	0	0	-120	-35	6.24	5.23	4.52	3.79	2.93	2.08	1.32
D	30070	9	5523.8	-30.94	134.66	467558	6576510	262.67	212.46	121.74	120	140.92	54491.43	0.08	3.18	-2.61	-119.74	-36.33	0	0	-120	-35	6.25	5.2	4.46	3.71	2.85	2	1.26
D	30070	9	5524	-30.94	134.66	467544.6	6576510	262.62	212.54	122.05	120	140.57	54491.91	0.09	3.3	-2.63	-119.96	-36.16	0	0	-120	-35	6.28	5.19	4.42	3.65	2.77	1.93	1.21
D	30070	9	5524.2	-30.94	134.66	467531.1	6576510	262.6	212.67	122.33	120	140.27	54492.28	0.09	3.41	-2.51	-120.15	-36.03	0	0	-120	-35	6.33	5.18	4.39	3.6	2.71	1.87	1.17
D	30070	9	5524.4	-30.94	134.65	467517.7	6576510	262.61	212.79	122.58	120	140.02	54492.52	0.09	3.5	-2.1	-120.33	-35.99	0	0	-120	-35	6.36	5.16	4.34	3.53	2.63	1.81	1.13
D	30070	9	5524.6	-30.94	134.65	467504.3	6576510	262.64	212.94	122.82	120	139.82	54492.56	0.08	3.58	-1.36	-120.43	-35.97	0	0	-120	-35	6.37	5.12	4.27	3.44	2.54	1.73	1.07
D	30070	9	5524.8	-30.94	134.65	467490.9	6576510	262.7	213.06	123.05	120	139.65	54492.36	0.08	3.62	-0.59	-120.52	-36.01	0	0	-120	-35	6.34	5.05	4.18	3.33	2.43	1.64	1.02
D	30070	9	5525	-30.94	134.65	467477.5	6576511	262.78	213.15	123.21	120	139.57	54491.94	0.07	3.61	0.05	-120.58	-36.03	0	0	-120	-35	6.28	4.95	4.05	3.19	2.3	1.53	0.95
D	30070	9	5525.2	-30.94	134.65	467464.1	6576511	262.88	213.18	123.32	120	139.56	54491.36	0.06	3.58	0.57	-120.64	-36.1	0	0	-120	-35	6.19	4.81	3.89	3.02	2.14	1.41	0.87
D	30070	9	5525.4	-30.94	134.65	467450.7	6576511	263.01	213.12	123.39	120	139.61	54490.68	0.05	3.53	0.94	-120.61	-36.2	0	0	-120	-35	6.07	4.65	3.71	2.84	1.97	1.28	0.79
D	30070	9	5525.6	-30.94	134.65	467437.3	6576511	263.15	212.99	123.41	120	139.75	54489.95	0.04	3.5	1.1	-120.59	-36.37	0	0	-120	-35	5.96	4.48	3.52	2.64	1.8	1.14	0.7
D	30070	9	5525.8	-30.94	134.65	467423.9	6576511	263.33	212.84	123.44	120	139.89	54489.19	0.03	3.46	1.17	-120.5	-36.62	0	0	-120	-35	5.85	4.32	3.34	2.45	1.63	1.01	0.62
D	30070	9	5526	-30.94	134.65	467410.6	6576511	263.53	212.74	123.51	120	140.02	54488.43	0.02	3.39	1.2	-120.33	-36.92	0	0	-120	-35	5.76	4.16	3.16	2.27	1.46	0.89	0.54
D	30070	9	5526.2	-30.94	134.65	467397.2	6576511	263.76	212.79	123.66	120	140.1	54487.66	0.01	3.27	1.17	-120.14	-37.28	0	0	-120	-35	5.68	4.01	2.98	2.09	1.31	0.78	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30070	9	5534.2	-30.94	134.65	466862.6	6576512	262.16	212.31	123.26	120	138.9	54498.19	0.07	2.57	1.75	-120.24	-35.97	0	0	-120	-35	3.96	2.12	1.35	0.84	0.47	0.24	0.1
D	30070	9	5534.4	-30.94	134.65	466849.2	6576512	261.97	212.05	123.2	120	138.77	54497.75	0.07	2.67	1.88	-120.14	-36.2	0	0	-120	-35	4.19	2.37	1.56	1	0.59	0.31	0.14
D	30070	9	5534.6	-30.94	134.65	466835.9	6576513	261.8	211.78	123.12	120	138.68	54497.41	0.07	2.78	1.95	-120.01	-36.48	0	0	-120	-35	4.44	2.64	1.8	1.19	0.72	0.4	0.18
D	30070	9	5534.8	-30.94	134.65	466822.5	6576513	261.66	211.54	123.01	120	138.65	54497.16	0.08	2.86	2.04	-119.89	-36.76	0	0	-120	-35	4.71	2.93	2.07	1.42	0.88	0.5	0.24
D	30070	9	5535	-30.94	134.65	466809.1	6576513	261.57	211.37	122.93	120	138.65	54496.9	0.08	2.87	2.03	-119.74	-37.1	0	0	-120	-35	4.97	3.25	2.37	1.66	1.06	0.62	0.31
D	30070	9	5535.2	-30.94	134.65	466795.7	6576513	261.54	211.28	122.85	120	138.69	54496.57	0.08	2.79	1.75	-119.58	-37.44	0	0	-120	-35	5.24	3.57	2.67	1.92	1.26	0.75	0.38
D	30070	9	5535.4	-30.94	134.65	466782.4	6576513	261.55	211.26	122.78	120	138.77	54496.16	0.09	2.65	1.29	-119.43	-37.76	0	0	-120	-35	5.51	3.88	2.98	2.19	1.46	0.88	0.46
D	30070	9	5535.6	-30.94	134.65	466769.6	6576513	261.59	211.24	122.74	120	138.85	54495.73	0.1	2.51	0.62	-119.25	-38.1	0	0	-120	-35	5.75	4.19	3.28	2.45	1.67	1.02	0.54
D	30070	9	5535.8	-30.94	134.65	466755.6	6576513	261.61	211.2	122.7	120	138.91	54495.31	0.1	2.38	-0.12	-119.1	-38.37	0	0	-120	-35	5.97	4.47	3.56	2.71	1.87	1.16	0.62
D	30070	9	5536	-30.94	134.65	466742.2	6576513	261.61	211.12	122.67	120	138.94	54494.88	0.11	2.29	-0.75	-118.95	-38.63	0	0	-120	-35	6.17	4.72	3.81	2.94	2.06	1.3	0.7
D	30070	9	5536.2	-30.94	134.65	466728.8	6576513	261.56	211	122.62	120	138.94	54494.38	0.11	2.23	-1.15	-118.83	-38.77	0	0	-120	-35	6.32	4.93	4.02	3.14	2.22	1.42	0.78
D	30070	9	5536.4	-30.94	134.65	466715.5	6576514	261.47	210.93	122.56	120	138.91	54493.7	0.12	2.19	-1.42	-118.74	-38.85	0	0	-120	-35	6.42	5.08	4.18	3.29	2.36	1.52	0.84
D	30070	9	5536.6	-30.94	134.65	466702.1	6576514	261.37	210.94	122.49	120	138.88	54492.82	0.12	2.12	-1.52	-118.67	-38.86	0	0	-120	-35	6.48	5.17	4.28	3.4	2.45	1.59	0.9
D	30070	9	5536.8	-30.94	134.65	466688.7	6576514	261.27	211	122.43	120	138.84	54491.74	0.12	2.05	-1.44	-118.65	-38.85	0	0	-120	-35	6.49	5.22	4.34	3.46	2.52	1.65	0.94
D	30070	9	5537	-30.94	134.65	466675.3	6576514	261.19	211.12	122.4	120	138.79	54490.49	0.12	2.03	-1.33	-118.64	-38.78	0	0	-120	-35	6.47	5.22	4.35	3.49	2.55	1.68	0.97
D	30070	9	5537.2	-30.94	134.65	466662	6576514	261.13	211.21	122.39	120	138.75	54489.06	0.12	2.02	-1.11	-118.64	-38.7	0	0	-120	-35	6.43	5.2	4.35	3.49	2.57	1.7	0.99
D	30070	9	5537.4	-30.94	134.65	466648.6	6576514	261.1	211.23	122.42	120	138.68	54487.43	0.11	1.98	-0.84	-118.63	-38.59	0	0	-120	-35	6.4	5.18	4.34	3.49	2.58	1.73	1.02
D	30070	9	5537.6	-30.94	134.65	466635.2	6576513	261.07	211.21	122.45	120	138.62	54485.59	0.1	1.9	-0.62	-118.66	-38.5	0	0	-120	-35	6.38	5.16	4.34	3.5	2.59	1.75	1.04
D	30070	9	5537.8	-30.94	134.65	466621.8	6576513	261.03	211.15	122.47	120	138.56	54483.61	0.09	1.76	-0.49	-118.69	-38.36	0	0	-120	-35	6.39	5.17	4.36	3.53	2.63	1.78	1.08
D	30070	9	5538	-30.94	134.65	466608.4	6576513	260.96	211.11	122.46	120	138.5	54481.57	0.08	1.6	-0.37	-118.72	-38.22	0	0	-120	-35	6.42	5.21	4.41	3.58	2.68	1.83	1.12
D	30070	9	5538.2	-30.94	134.65	466595	6576513	260.86	211.07	122.4	120	138.47	54479.53	0.07	1.47	-0.3	-118.79	-38.1	0	0	-120	-35	6.48	5.28	4.5	3.67	2.76	1.9	1.17
D	30070	9	5538.4	-30.94	134.65	466581.6	6576513	260.74	211.03	122.31	120	138.43	54477.44	0.07	1.37	-0.18	-118.87	-37.89	0	0	-120	-35	6.55	5.37	4.6	3.77	2.86	1.99	1.24
D	30070	9	5538.6	-30.94	134.65	466568.2	6576513	260.6	210.95	122.19	120	138.41	54475.31	0.06	1.34	-0.19	-118.98	-37.66	0	0	-120	-35	6.61	5.46	4.7	3.89	2.98	2.09	1.31
D	30070	9	5538.8	-30.94	134.64	466554.7	6576513	260.45	210.79	122.06	120	138.39	54473.14	0.05	1.35	-0.23	-119.12	-37.36	0	0	-120	-35	6.65	5.54	4.8	4	3.09	2.19	1.39
D	30070	9	5539	-30.94	134.64	466541.3	6576513	260.3	210.52	121.92	120	138.38	54470.92	0.04	1.4	-0.26	-119.26	-36.98	0	0	-120	-35	6.66	5.6	4.89	4.1	3.2	2.29	1.47
D	30070	9	5539.2	-30.94	134.64	466527.9	6576513	260.16	210.19	121.76	120	138.4	54468.69	0.04	1.45	-0.49	-119.42	-36.54	0	0	-120	-35	6.64	5.65	4.95	4.19	3.3	2.38	1.55
D	30070	9	5539.4	-30.94	134.64	466514.4	6576513	260.01	209.89	121.57	120	138.44	54466.4	0.03	1.45	-0.72	-119.6	-36.04	0	0	-120	-35	6.61	5.67	5.01	4.28	3.4	2.48	1.63
D	30070	9	5539.6	-30.94	134.64	466501.6	6576513	259.86	209.67	121.37	120	138.49	54464.05	0.03	1.41	-0.92	-119.76	-35.54	0	0	-120	-35	6.57	5.69	5.05	4.35	3.49	2.58	1.71
D	30070	9	5539.8	-30.94	134.64	466487.5	6576513	259.67	209.53	121.16	120	138.52	54461.65	0.02	1.37	-1.03	-119.92	-35	0	0	-120	-35	6.54	5.71	5.1	4.43	3.59	2.68	1.8
D	30070	9	5540	-30.94	134.64	466474	6576513	259.45	209.43	120.92	120	138.53	54459.22	0.01	1.32	-0.91	-120.09	-34.5	0	0	-120	-35	6.54	5.74	5.16	4.51	3.7	2.8	1.9
D	30070	9	5540.2	-30.94	134.64	466460.6	6576512	259.18	209.23	120.66	120	138.53	54456.73	0.01	1.28	-0.6	-120.26	-34.03	0	0	-120	-35	6.56	5.79	5.22	4.6	3.81	2.91	2
D	30070	9	5540.4	-30.94	134.64	466447.1	6576512	258.88	208.91	120.38	120	138.5	54454.12	0	1.28	-0.12	-120.45	-33.6	0	0	-120	-35	6.6	5.84	5.3	4.69	3.92	3.03	2.12
D	30070	9	5540.6	-30.94	134.64	466433.6	6576512	258.55	208.51	120.06	120	138.48	54451.36	-0.01	1.36	0.37	-120.64	-33.25	0	0	-120	-35	6.65	5.89	5.36	4.78	4.02	3.15	2.23
D	30070	9	5540.8	-30.94	134.64	466420.2	6576512	258.19	208.07	119.73	120	138.46	54448.49	-0.02	1.5	0.74	-120.84	-32.95	0	0	-120	-35	6.69	5.94	5.42	4.85	4.12	3.26	2.33
D	30070	9	5541	-30.94	134.64	466406.7	6576512	257.82	207.68	119.38	120	138.44	54445.59	-0.04	1.65	0.99	-121.04	-32.68	0	0	-120	-35	6.73	5.98	5.47	4.91	4.2	3.36	2.44
D	30070	9	5541.2	-30.94	134.64	466393.2	6576512	257.44	207.35	119	120	138.43	54442.73	-0.05	1.82	1.13	-121.19	-32.47	0	0	-120	-35	6.75	6	5.5	4.95	4.27	3.45	2.53
D	30070	9	5541.4	-30.94	134.64	466379.7	6576511	257.04	207.05	118.6	120	138.44	54439.96	-0.07	1.99	1.27	-121.35	-32.34	0	0	-120	-35	6.78	6.03	5.53	4.99	4.33	3.53	2.63
D	30070	9	5541.6	-30.94	134.64	466366.2	6576511	256.65	206.77	118.2	120	138.45	54437.23	-0.08	2.17	1.4	-121.48	-32.3	0	0	-120	-35	6.82	6.06	5.56	5.03	4.39	3.62	2.72
D	30070	9	5541.8	-30.94	134.64	466352.7	6576511	256.27	206.47	117.8	120	138.47	54434.57	-0.09	2.35	1.47	-121.56	-32.35	0	0	-120	-35	6.88	6.11	5.61	5.09	4.46	3.71	2.82
D	30070	9	5542	-30.94	134.64	466339.2	6576511	255.93	206.15	117.43	120	138.5	54431.95	-0.11	2.5	1.55	-121.61	-32.49	0	0	-120	-35	6.98	6.18	5.68	5.17	4.55	3.81	2.93
D	30070	9	5542.2	-30.94	134.64	466325.7	6576511	255.62	205.83	117.09	120	138.53	54429.42	-0.12	2.6	1.63	-121.64	-32.75	0	0	-120	-35	7.11	6.28	5.78	5.26	4.65	3.91	3.04
D	30070	9	5542.4	-30.94	134.64	466312.2	6576511	255.35	205.5	116.79	120	138.56	54426.99	-0.13	2.68	1.62	-121.66	-33.07	0	0	-120	-35	7.26	6.4	5.9	5.37	4.75	4.03	3.15
D	30070	9	5542.6	-30.94	134.64	466298.7	6576511	255.11	205.22	116.51	120	138.6	54424.67	-0.14	2.71	1.49	-121.61	-33.46	0	0	-120	-35	7.41	6.53	6.01	5.48	4.86	4.13	3.25

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30070	9	5550.6	-30.94	134.64	465760.9	6576510	254.78	204.71	117.64	120	137.14	54428.06	-0.06	3.25	-0.01	-120.69	-35.77	0	0	-120	-35	6.97	6.1	5.58	5.1	4.52	3.82	2.99
D	30070	9	5550.8	-30.94	134.64	465747.5	6576510	254.83	204.75	117.62	120	137.21	54428.82	-0.06	3.34	-0.39	-120.68	-35.88	0	0	-120	-35	7.05	6.18	5.65	5.17	4.57	3.86	3.01
D	30070	9	5551	-30.94	134.64	465734.1	6576510	254.88	204.82	117.55	120	137.32	54429.59	-0.06	3.45	-0.9	-120.65	-36.05	0	0	-120	-35	7.13	6.25	5.73	5.23	4.62	3.9	3.04
D	30070	9	5551.2	-30.94	134.64	465720.7	6576510	254.92	204.93	117.42	120	137.5	54430.44	-0.06	3.56	-1.41	-120.61	-36.24	0	0	-120	-35	7.2	6.32	5.79	5.29	4.67	3.93	3.05
D	30070	9	5551.4	-30.94	134.64	465707.3	6576510	254.96	205.03	117.17	120	137.79	54431.44	-0.06	3.69	-1.75	-120.5	-36.47	0	0	-120	-35	7.25	6.38	5.85	5.33	4.71	3.96	3.07
D	30070	9	5551.6	-30.94	134.64	465693.9	6576510	255.04	205.09	116.81	120	138.23	54432.63	-0.05	3.8	-1.83	-120.39	-36.75	0	0	-120	-35	7.29	6.42	5.89	5.37	4.74	3.98	3.07
D	30070	9	5551.8	-30.94	134.64	465680.5	6576509	255.17	205.15	116.4	120	138.77	54433.94	-0.05	3.88	-1.51	-120.22	-37.07	0	0	-120	-35	7.31	6.46	5.92	5.4	4.76	3.99	3.08
D	30070	9	5552	-30.94	134.64	465667.2	6576509	255.39	205.27	116.08	120	139.31	54435.25	-0.04	3.94	-0.93	-120.02	-37.45	0	0	-120	-35	7.32	6.48	5.95	5.42	4.78	4	3.09
D	30070	9	5552.2	-30.94	134.64	465653.8	6576509	255.71	205.51	115.98	120	139.72	54436.45	-0.03	3.88	-0.39	-119.76	-37.86	0	0	-120	-35	7.33	6.5	5.97	5.44	4.8	4.02	3.09
D	30070	9	5552.4	-30.94	134.64	465640.4	6576509	256.1	205.89	116.21	120	139.89	54437.58	-0.02	3.74	-0.2	-119.47	-38.33	0	0	-120	-35	7.34	6.52	5.99	5.47	4.82	4.03	3.11
D	30070	9	5552.6	-30.94	134.64	465627	6576509	256.55	206.35	116.79	120	139.76	54438.76	-0.02	3.54	-0.37	-119.16	-38.79	0	0	-120	-35	7.36	6.54	6.02	5.49	4.84	4.05	3.12
D	30070	9	5552.8	-30.94	134.64	465613.7	6576509	257.01	206.81	117.63	120	139.38	54440.03	-0.01	3.3	-0.62	-118.83	-39.21	0	0	-120	-35	7.38	6.56	6.05	5.52	4.86	4.08	3.14
D	30070	9	5553	-30.94	134.63	465600.3	6576508	257.44	207.24	118.54	120	138.9	54441.32	-0.01	3.08	-0.79	-118.55	-39.59	0	0	-120	-35	7.4	6.59	6.07	5.54	4.89	4.1	3.16
D	30070	9	5553.2	-30.94	134.63	465586.9	6576508	257.84	207.63	119.4	120	138.44	54442.54	0	2.86	-0.91	-118.28	-39.85	0	0	-120	-35	7.4	6.59	6.08	5.56	4.91	4.12	3.17
D	30070	9	5553.4	-30.94	134.63	465573.6	6576508	258.21	208.02	120.09	120	138.12	54443.67	0.01	2.67	-1.05	-118.06	-40.03	0	0	-120	-35	7.38	6.57	6.07	5.55	4.9	4.11	3.17
D	30070	9	5553.6	-30.94	134.63	465560.2	6576508	258.55	208.39	120.6	120	137.94	54444.71	0.01	2.52	-1.1	-117.92	-40.12	0	0	-120	-35	7.32	6.52	6.03	5.51	4.87	4.09	3.15
D	30070	9	5553.8	-30.94	134.63	465546.9	6576508	258.86	208.75	120.99	120	137.86	54445.64	0.02	2.41	-1.05	-117.85	-40.11	0	0	-120	-35	7.22	6.44	5.95	5.44	4.8	4.03	3.1
D	30070	9	5554	-30.94	134.63	465533.6	6576507	259.15	209.09	121.34	120	137.8	54446.49	0.02	2.36	-1.02	-117.83	-40.06	0	0	-120	-35	7.09	6.33	5.85	5.34	4.72	3.96	3.05
D	30070	9	5554.2	-30.94	134.63	465520.2	6576507	259.4	209.4	121.69	120	137.71	54447.23	0.02	2.34	-0.81	-117.84	-39.96	0	0	-120	-35	6.96	6.21	5.75	5.24	4.63	3.88	2.98
D	30070	9	5554.4	-30.94	134.63	465506.9	6576507	259.63	209.71	122.08	120	137.55	54447.82	0.02	2.34	-0.49	-117.91	-39.85	0	0	-120	-35	6.84	6.1	5.65	5.15	4.54	3.8	2.92
D	30070	9	5554.6	-30.94	134.63	465493.6	6576507	259.83	209.99	122.49	120	137.34	54448.24	0.02	2.33	-0.21	-117.92	-39.69	0	0	-120	-35	6.73	6.01	5.56	5.07	4.47	3.74	2.87
D	30070	9	5554.8	-30.94	134.63	465480.2	6576506	260.03	210.25	122.93	120	137.1	54448.5	0.02	2.3	0.02	-117.98	-39.56	0	0	-120	-35	6.66	5.94	5.49	5.01	4.42	3.69	2.83
D	30070	9	5555	-30.94	134.63	465466.9	6576506	260.22	210.52	123.36	120	136.86	54448.65	0.02	2.21	0.33	-118.03	-39.37	0	0	-120	-35	6.61	5.9	5.45	4.98	4.39	3.66	2.81
D	30070	9	5555.2	-30.94	134.63	465453.6	6576506	260.41	210.8	123.77	120	136.64	54448.71	0.01	2.06	0.69	-118.09	-39.19	0	0	-120	-35	6.58	5.88	5.42	4.95	4.37	3.65	2.8
D	30070	9	5555.4	-30.94	134.63	465440.2	6576505	260.6	211.08	124.14	120	136.46	54448.69	0.01	1.87	0.96	-118.17	-38.95	0	0	-120	-35	6.56	5.86	5.4	4.94	4.36	3.64	2.79
D	30070	9	5555.6	-30.94	134.63	465426.9	6576505	260.78	211.33	124.41	120	136.37	54448.53	0	1.69	1.17	-118.27	-38.7	0	0	-120	-35	6.55	5.85	5.39	4.93	4.35	3.64	2.79
D	30070	9	5555.8	-30.94	134.63	465413.6	6576505	260.93	211.45	124.58	120	136.35	54448.24	-0.01	1.59	1.27	-118.45	-38.4	0	0	-120	-35	6.51	5.82	5.36	4.9	4.33	3.62	2.78
D	30070	9	5556	-30.94	134.63	465400.3	6576505	261.05	211.49	124.66	120	136.39	54447.92	-0.01	1.59	1.25	-118.64	-38	0	0	-120	-35	6.45	5.77	5.31	4.86	4.29	3.6	2.77
D	30070	9	5556.2	-30.94	134.63	465386.9	6576504	261.14	211.48	124.69	120	136.45	54447.65	-0.02	1.62	1.04	-118.87	-37.53	0	0	-120	-35	6.36	5.69	5.24	4.79	4.23	3.55	2.73
D	30070	9	5556.4	-30.94	134.63	465373.6	6576504	261.19	211.46	124.71	120	136.48	54447.49	-0.03	1.62	0.72	-119.14	-36.98	0	0	-120	-35	6.25	5.59	5.14	4.7	4.16	3.49	2.69
D	30070	9	5556.6	-30.94	134.63	465360.3	6576504	261.21	211.47	124.76	120	136.45	54447.43	-0.03	1.59	0.39	-119.41	-36.39	0	0	-120	-35	6.12	5.47	5.04	4.61	4.07	3.42	2.63
D	30070	9	5556.8	-30.94	134.63	465346.9	6576504	261.2	211.46	124.84	120	136.36	54447.44	-0.04	1.54	0.19	-119.65	-35.71	0	0	-120	-35	6	5.36	4.94	4.51	3.99	3.35	2.58
D	30070	9	5557	-30.94	134.63	465333.6	6576503	261.16	211.39	124.92	120	136.25	54447.5	-0.04	1.49	0.1	-119.85	-35.1	0	0	-120	-35	5.89	5.27	4.86	4.43	3.92	3.29	2.54
D	30070	9	5557.2	-30.94	134.63	465320.2	6576503	261.09	211.3	124.97	120	136.12	54447.54	-0.04	1.43	-0.02	-120.07	-34.52	0	0	-120	-35	5.81	5.19	4.79	4.37	3.86	3.24	2.5
D	30070	9	5557.4	-30.94	134.63	465306.9	6576503	260.99	211.19	124.97	120	136.02	54447.58	-0.04	1.34	-0.23	-120.21	-34.05	0	0	-120	-35	5.77	5.15	4.75	4.33	3.82	3.21	2.47
D	30070	9	5557.6	-30.94	134.63	465293.5	6576503	260.87	211.06	124.89	120	135.98	54447.65	-0.05	1.24	-0.45	-120.37	-33.65	0	0	-120	-35	5.76	5.12	4.73	4.31	3.8	3.19	2.46
D	30070	9	5557.8	-30.94	134.63	465280.2	6576502	260.74	210.93	124.7	120	136.04	54447.82	-0.05	1.17	-0.7	-120.48	-33.34	0	0	-120	-35	5.77	5.13	4.73	4.31	3.8	3.19	2.46
D	30070	9	5558	-30.94	134.63	465266.8	6576502	260.59	210.77	124.36	120	136.23	54448.13	-0.05	1.12	-0.89	-120.61	-33.11	0	0	-120	-35	5.8	5.15	4.74	4.32	3.81	3.19	2.46
D	30070	9	5558.2	-30.94	134.63	465253.4	6576502	260.44	210.6	123.84	120	136.6	54448.53	-0.05	1.06	-0.95	-120.73	-32.89	0	0	-120	-35	5.83	5.17	4.76	4.33	3.81	3.19	2.46
D	30070	9	5558.4	-30.94	134.63	465240	6576501	260.29	210.45	123.18	120	137.11	54448.97	-0.05	1.01	-0.92	-120.85	-32.72	0	0	-120	-35	5.85	5.19	4.77	4.34	3.82	3.19	2.46
D	30070	9	5558.6	-30.94	134.63	465226.6	6576501	260.13	210.32	122.45	120	137.68	54449.4	-0.05	0.96	-0.83	-120.99	-32.53	0	0	-120	-35	5.86	5.19	4.77	4.34	3.81	3.19	2.46
D	30070	9	5558.8	-30.94	134.63	465213.2	6576501	259.95	210.2	121.76	120	138.19	54449.85	-0.04	0.92	-0.65	-121.15	-32.33	0	0	-120	-35	5.85	5.19	4.76	4.33	3.8	3.18	2.45
D	30070	9	5559	-30.94	134.63	465199.8	6576500	259.76	210.09	121.3	120	138.46	54450.34	-0.04	0.91	-0.4	-121.3	-32.13	0	0	-120	-35	5.85	5.19	4.75	4.32			

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30070	9	5567	-30.94	134.63	464660.5	6576494	253.63	204.61	119.74	120	133.9	54481.46	0	2.2	-0.27	-118.36	-39.44	0	0	-120	-35	7.42	6.38	5.68	5.04	4.35	3.66	2.94
D	30070	9	5567.2	-30.94	134.62	464647	6576494	253.82	204.76	120.04	120	133.78	54482.5	0	2.15	-1.12	-118.35	-39.42	0	0	-120	-35	7.36	6.35	5.65	5.01	4.32	3.63	2.93
D	30070	9	5567.4	-30.94	134.62	464633.5	6576494	254.04	204.88	120.33	120	133.71	54483.6	0	2.06	-1.78	-118.35	-39.36	0	0	-120	-35	7.31	6.32	5.63	4.99	4.3	3.61	2.91
D	30070	9	5567.6	-30.94	134.62	464620	6576494	254.26	204.97	120.6	120	133.67	54484.68	0.01	1.94	-2.18	-118.34	-39.27	0	0	-120	-35	7.26	6.29	5.61	4.97	4.28	3.59	2.9
D	30070	9	5567.8	-30.94	134.62	464606.4	6576494	254.47	205.09	120.82	120	133.65	54485.68	0.01	1.79	-2.25	-118.36	-39.2	0	0	-120	-35	7.22	6.27	5.6	4.96	4.26	3.57	2.89
D	30070	9	5568	-30.94	134.62	464592.9	6576494	254.64	205.2	121.02	120	133.62	54486.64	0.01	1.65	-2.14	-118.36	-39.05	0	0	-120	-35	7.19	6.25	5.59	4.96	4.26	3.57	2.88
D	30070	9	5568.2	-30.94	134.62	464579.4	6576494	254.78	205.31	121.23	120	133.55	54487.62	0.01	1.5	-1.92	-118.37	-38.85	0	0	-120	-35	7.15	6.24	5.59	4.96	4.26	3.56	2.87
D	30070	9	5568.4	-30.94	134.62	464565.8	6576494	254.87	205.4	121.4	120	133.47	54488.61	0.02	1.36	-1.38	-118.45	-38.57	0	0	-120	-35	7.11	6.22	5.58	4.95	4.26	3.56	2.87
D	30070	9	5568.6	-30.94	134.62	464552.3	6576494	254.92	205.42	121.56	120	133.36	54489.51	0.02	1.26	-0.63	-118.54	-38.2	0	0	-120	-35	7.07	6.2	5.57	4.95	4.26	3.56	2.87
D	30070	9	5568.8	-30.94	134.62	464538.8	6576494	254.94	205.4	121.69	120	133.25	54490.24	0.02	1.23	-0.11	-118.67	-37.71	0	0	-120	-35	7.01	6.17	5.55	4.94	4.25	3.56	2.87
D	30070	9	5569	-30.94	134.62	464525.2	6576494	254.94	205.37	121.76	120	133.18	54490.84	0.01	1.25	0.16	-118.88	-37.15	0	0	-120	-35	6.94	6.13	5.53	4.93	4.25	3.56	2.86
D	30070	9	5569.2	-30.94	134.62	464511.7	6576494	254.9	205.31	121.78	120	133.11	54491.4	0.01	1.33	0.3	-119.1	-36.53	0	0	-120	-35	6.87	6.09	5.49	4.91	4.24	3.55	2.86
D	30070	9	5569.4	-30.94	134.62	464498.2	6576494	254.83	205.29	121.75	120	133.08	54491.97	0.01	1.43	0.31	-119.36	-35.88	0	0	-120	-35	6.8	6.04	5.46	4.89	4.23	3.55	2.85
D	30070	9	5569.6	-30.94	134.62	464484.6	6576494	254.74	205.25	121.66	120	133.08	54492.57	0.01	1.5	0.23	-119.64	-35.28	0	0	-120	-35	6.74	6	5.44	4.87	4.22	3.55	2.86
D	30070	9	5569.8	-30.94	134.62	464471.1	6576494	254.64	205.21	121.57	120	133.06	54493.14	0.01	1.6	0.13	-119.91	-34.72	0	0	-120	-35	6.71	5.98	5.43	4.88	4.24	3.56	2.87
D	30070	9	5570	-30.94	134.62	464457.5	6576494	254.53	205.17	121.49	120	133.04	54493.69	0.01	1.73	-0.04	-120.17	-34.25	0	0	-120	-35	6.71	5.98	5.45	4.9	4.26	3.59	2.9
D	30070	9	5570.2	-30.94	134.62	464444	6576494	254.42	205.11	121.44	120	132.99	54494.19	0.01	1.83	-0.34	-120.41	-33.84	0	0	-120	-35	6.74	6	5.48	4.93	4.3	3.63	2.93
D	30070	9	5570.4	-30.94	134.62	464430.4	6576494	254.32	205	121.42	120	132.9	54494.71	0	1.92	-0.64	-120.62	-33.55	0	0	-120	-35	6.79	6.04	5.53	4.98	4.35	3.68	2.98
D	30070	9	5570.6	-30.94	134.62	464416.9	6576494	254.2	204.8	121.41	120	132.8	54495.3	0	2.01	-0.84	-120.83	-33.3	0	0	-120	-35	6.84	6.08	5.58	5.03	4.4	3.73	3.02
D	30070	9	5570.8	-30.94	134.62	464403.3	6576494	254.07	204.52	121.39	120	132.68	54495.91	0	2.07	-0.96	-121	-33.1	0	0	-120	-35	6.87	6.12	5.62	5.07	4.44	3.76	3.05
D	30070	9	5571	-30.94	134.62	464389.7	6576494	253.93	204.22	121.35	120	132.58	54496.51	0	2.11	-1.03	-121.13	-32.93	0	0	-120	-35	6.9	6.14	5.64	5.09	4.46	3.79	3.08
D	30070	9	5571.2	-30.94	134.62	464376.2	6576494	253.76	203.93	121.27	120	132.49	54497.05	-0.01	2.14	-1.1	-121.27	-32.81	0	0	-120	-35	6.9	6.15	5.65	5.1	4.48	3.81	3.09
D	30070	9	5571.4	-30.94	134.62	464362.6	6576494	253.58	203.73	121.15	120	132.43	54497.6	-0.01	2.19	-1.32	-121.38	-32.76	0	0	-120	-35	6.9	6.15	5.64	5.1	4.48	3.81	3.1
D	30070	9	5571.6	-30.94	134.62	464349.1	6576494	253.38	203.57	120.99	120	132.39	54498.2	-0.01	2.25	-1.57	-121.47	-32.73	0	0	-120	-35	6.89	6.15	5.64	5.1	4.48	3.81	3.1
D	30070	9	5571.8	-30.94	134.62	464335.5	6576494	253.18	203.43	120.81	120	132.37	54498.87	-0.01	2.3	-1.73	-121.53	-32.74	0	0	-120	-35	6.9	6.16	5.64	5.1	4.48	3.82	3.11
D	30070	9	5572	-30.94	134.62	464321.9	6576494	252.98	203.3	120.62	120	132.36	54499.56	-0.01	2.32	-1.86	-121.58	-32.81	0	0	-120	-35	6.92	6.18	5.66	5.12	4.5	3.83	3.12
D	30070	9	5572.2	-30.94	134.62	464308.4	6576494	252.78	203.16	120.44	120	132.34	54500.24	-0.02	2.32	-1.99	-121.6	-32.91	0	0	-120	-35	6.97	6.22	5.69	5.15	4.52	3.85	3.13
D	30070	9	5572.4	-30.94	134.62	464294.8	6576494	252.57	203.01	120.3	120	132.28	54500.96	-0.02	2.31	-2.11	-121.6	-33.08	0	0	-120	-35	7.04	6.28	5.74	5.19	4.56	3.88	3.15
D	30070	9	5572.6	-30.94	134.62	464281.2	6576494	252.37	202.84	120.18	120	132.19	54501.8	-0.02	2.3	-2.25	-121.53	-33.27	0	0	-120	-35	7.12	6.34	5.79	5.24	4.59	3.91	3.18
D	30070	9	5572.8	-30.94	134.62	464267.7	6576494	252.15	202.66	120.08	120	132.07	54502.8	-0.02	2.26	-2.26	-121.47	-33.5	0	0	-120	-35	7.2	6.4	5.85	5.28	4.63	3.94	3.2
D	30070	9	5573	-30.94	134.62	464254.1	6576494	251.92	202.43	119.97	120	131.95	54503.92	-0.02	2.23	-2.06	-121.38	-33.75	0	0	-120	-35	7.27	6.45	5.9	5.32	4.67	3.97	3.22
D	30070	9	5573.2	-30.94	134.62	464240.5	6576494	251.68	202.18	119.81	120	131.86	54505.11	-0.01	2.23	-1.69	-121.27	-33.98	0	0	-120	-35	7.33	6.5	5.94	5.36	4.7	3.99	3.24
D	30070	9	5573.4	-30.94	134.62	464227	6576494	251.42	201.9	119.6	120	131.82	54506.33	-0.01	2.25	-1.23	-121.14	-34.21	0	0	-120	-35	7.38	6.54	5.98	5.39	4.72	4.01	3.25
D	30070	9	5573.6	-30.94	134.62	464213.4	6576493	251.16	201.59	119.34	120	131.82	54507.62	-0.01	2.28	-0.81	-121.01	-34.45	0	0	-120	-35	7.43	6.58	6.01	5.41	4.74	4.03	3.26
D	30070	9	5573.8	-30.94	134.62	464199.8	6576493	250.9	201.29	119.03	120	131.87	54508.99	-0.01	2.32	-0.5	-120.84	-34.67	0	0	-120	-35	7.47	6.62	6.04	5.44	4.76	4.04	3.28
D	30070	9	5574	-30.94	134.62	464186.2	6576493	250.65	201.01	118.68	120	131.97	54510.45	0	2.36	-0.33	-120.71	-34.9	0	0	-120	-35	7.51	6.66	6.07	5.46	4.78	4.06	3.29
D	30070	9	5574.2	-30.94	134.62	464172.7	6576493	250.4	200.76	118.31	120	132.09	54511.95	0	2.39	-0.25	-120.57	-35.18	0	0	-120	-35	7.57	6.71	6.11	5.5	4.81	4.09	3.31
D	30070	9	5574.4	-30.94	134.62	464159.1	6576493	250.17	200.55	117.96	120	132.21	54513.51	0.01	2.42	-0.17	-120.44	-35.45	0	0	-120	-35	7.63	6.76	6.16	5.54	4.85	4.12	3.34
D	30070	9	5574.6	-30.94	134.62	464145.5	6576493	249.94	200.37	117.67	120	132.27	54515.12	0.01	2.45	0.01	-120.3	-35.77	0	0	-120	-35	7.71	6.82	6.21	5.59	4.89	4.16	3.37
D	30070	9	5574.8	-30.94	134.62	464131.9	6576493	249.73	200.22	117.48	120	132.25	54516.79	0.02	2.48	0.37	-120.16	-36.08	0	0	-120	-35	7.78	6.88	6.27	5.65	4.94	4.2	3.4
D	30070	9	5575	-30.94	134.62	464118.3	6576493	249.53	200.07	117.36	120	132.17	54518.51	0.03	2.5	0.86	-120.04	-36.42	0	0	-120	-35	7.86	6.94	6.32	5.69	4.98	4.23	3.43
D	30070	9	5575.2	-30.94	134.62	464104.8	6576493	249.35	199.92	117.33	120	132.02	54520.2	0.04	2.53	1.38	-119.92	-36.71	0	0	-120	-35	7.93	6.99	6.38	5.74	5.02	4.27	3.46
D	30070	9	5575.4	-30.94	134.62	464091.2	6576493	249.18	199.76	117.32	120	131.87	54521.81	0.04	2.56	1.91	-119.79	-37	0	0	-120	-35	7.98	7.04	6.42	5.78	5.05	4.29	3.49
D	30070																												

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlt_raw	Txrlt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30120	9	4113	-30.98	134.68	469908.5	6571502	261	208.9	117.91	120	143.09	54528.62	0.06	2.76	2.13	-119.35	-37.13	0	0	-120	-35	7.53	6.38	5.59	4.71	3.66	2.59	1.61
D	30120	9	4113.2	-30.98	134.68	469920.8	6571502	260.83	208.65	117.99	120	142.85	54526.22	0.04	2.82	1.93	-119.52	-36.88	0	0	-120	-35	7.47	6.33	5.56	4.7	3.68	2.62	1.65
D	30120	9	4113.4	-30.98	134.68	469933.1	6571502	260.67	208.37	118.11	120	142.55	54523.71	0.02	2.88	1.61	-119.66	-36.65	0	0	-120	-35	7.39	6.27	5.5	4.66	3.66	2.63	1.68
D	30120	9	4113.6	-30.98	134.68	469945.4	6571501	260.52	208.05	118.26	120	142.26	54521.2	0	2.96	1.19	-119.81	-36.47	0	0	-120	-35	7.31	6.19	5.42	4.6	3.62	2.62	1.69
D	30120	9	4113.8	-30.98	134.68	469957.8	6571501	260.38	207.78	118.43	120	141.95	54518.82	-0.01	3.02	0.75	-119.93	-36.34	0	0	-120	-35	7.22	6.11	5.34	4.53	3.58	2.6	1.69
D	30120	9	4114	-30.98	134.68	469970.1	6571501	260.27	207.62	118.62	120	141.66	54516.59	-0.03	3.04	0.33	-120.01	-36.25	0	0	-120	-35	7.15	6.04	5.27	4.47	3.54	2.59	1.7
D	30120	9	4114.2	-30.98	134.68	469982.4	6571501	260.19	207.55	118.8	120	141.39	54514.5	-0.05	3.03	-0.04	-120.11	-36.23	0	0	-120	-35	7.09	5.98	5.21	4.42	3.51	2.57	1.7
D	30120	9	4114.4	-30.98	134.68	469994.7	6571500	260.12	207.57	118.98	120	141.14	54512.52	-0.06	3	-0.35	-120.12	-36.24	0	0	-120	-35	7.03	5.94	5.17	4.39	3.49	2.57	1.7
D	30120	9	4114.6	-30.98	134.68	470007	6571500	260.07	207.64	119.15	120	140.93	54510.71	-0.07	2.96	-0.6	-120.15	-36.27	0	0	-120	-35	7	5.91	5.16	4.38	3.49	2.58	1.72
D	30120	9	4114.8	-30.98	134.68	470019.3	6571500	260.04	207.74	119.28	120	140.76	54509.12	-0.08	2.93	-0.8	-120.1	-36.33	0	0	-120	-35	6.98	5.9	5.16	4.39	3.51	2.61	1.75
D	30120	9	4115	-30.98	134.68	470031.6	6571500	260.01	207.88	119.37	120	140.64	54507.8	-0.09	2.89	-0.96	-120.07	-36.41	0	0	-120	-35	6.96	5.91	5.18	4.42	3.56	2.65	1.79
D	30120	9	4115.2	-30.98	134.68	470043.8	6571500	259.98	208.03	119.44	120	140.55	54506.71	-0.09	2.84	-1.06	-120.02	-36.51	0	0	-120	-35	6.96	5.92	5.21	4.47	3.62	2.72	1.85
D	30120	9	4115.4	-30.98	134.68	470056.1	6571499	259.96	208.14	119.46	120	140.5	54505.77	-0.09	2.79	-1.13	-119.94	-36.63	0	0	-120	-35	6.96	5.94	5.25	4.54	3.7	2.8	1.92
D	30120	9	4115.6	-30.98	134.68	470068.4	6571499	259.94	208.2	119.43	120	140.5	54505.01	-0.09	2.76	-1.21	-119.83	-36.73	0	0	-120	-35	6.96	5.97	5.3	4.61	3.79	2.9	2.01
D	30120	9	4115.8	-30.98	134.68	470080.7	6571499	259.91	208.19	119.36	120	140.55	54504.42	-0.09	2.74	-1.31	-119.76	-36.85	0	0	-120	-35	6.96	5.99	5.35	4.68	3.89	3.01	2.11
D	30120	9	4116	-30.98	134.68	470092.9	6571499	259.87	208.13	119.21	120	140.66	54504.05	-0.08	2.74	-1.43	-119.64	-36.95	0	0	-120	-35	6.97	6.02	5.4	4.76	3.99	3.12	2.22
D	30120	9	4116.2	-30.98	134.68	470105.2	6571499	259.82	208.06	118.99	120	140.83	54503.89	-0.08	2.73	-1.43	-119.55	-36.98	0	0	-120	-35	6.96	6.04	5.45	4.83	4.09	3.24	2.33
D	30120	9	4116.4	-30.98	134.68	470117.4	6571499	259.76	208.01	118.7	120	141.06	54503.89	-0.07	2.75	-1.33	-119.48	-37.04	0	0	-120	-35	6.97	6.07	5.5	4.91	4.19	3.36	2.45
D	30120	9	4116.6	-30.98	134.68	470129.7	6571499	259.69	207.98	118.38	120	141.32	54503.94	-0.06	2.79	-1.14	-119.43	-37.09	0	0	-120	-35	6.97	6.09	5.54	4.97	4.28	3.47	2.56
D	30120	9	4116.8	-30.98	134.68	470141.9	6571499	259.62	207.94	118.04	120	141.58	54504.05	-0.05	2.84	-1	-119.39	-37.08	0	0	-120	-35	6.98	6.11	5.58	5.03	4.36	3.57	2.67
D	30120	9	4117	-30.98	134.68	470154.2	6571499	259.54	207.9	117.71	120	141.83	54504.21	-0.04	2.89	-0.94	-119.36	-37.11	0	0	-120	-35	7	6.14	5.63	5.1	4.45	3.67	2.77
D	30120	9	4117.2	-30.98	134.68	470166.4	6571499	259.46	207.82	117.4	120	142.05	54504.43	-0.04	2.93	-0.84	-119.38	-37.1	0	0	-120	-35	7.04	6.19	5.68	5.16	4.53	3.76	2.87
D	30120	9	4117.4	-30.98	134.68	470178.6	6571499	259.37	207.71	117.13	120	142.24	54504.67	-0.03	2.98	-0.62	-119.38	-37.06	0	0	-120	-35	7.09	6.24	5.74	5.22	4.6	3.85	2.97
D	30120	9	4117.6	-30.98	134.68	470190.9	6571499	259.28	207.58	116.89	120	142.39	54504.91	-0.02	3.04	-0.51	-119.4	-37.05	0	0	-120	-35	7.15	6.29	5.79	5.28	4.67	3.93	3.05
D	30120	9	4117.8	-30.98	134.68	470203.1	6571499	259.19	207.47	116.69	120	142.5	54505.15	-0.02	3.1	-0.53	-119.44	-37.02	0	0	-120	-35	7.2	6.34	5.84	5.33	4.72	3.99	3.11
D	30120	9	4118	-30.98	134.68	470215.3	6571499	259.1	207.37	116.51	120	142.58	54505.42	-0.01	3.15	-0.58	-119.48	-36.99	0	0	-120	-35	7.25	6.39	5.88	5.37	4.76	4.03	3.16
D	30120	9	4118.2	-30.98	134.68	470227.5	6571499	259	207.33	116.36	120	142.64	54505.73	-0.01	3.19	-0.61	-119.52	-36.96	0	0	-120	-35	7.3	6.43	5.91	5.4	4.79	4.06	3.19
D	30120	9	4118.4	-30.98	134.68	470239.7	6571499	258.91	207.36	116.22	120	142.69	54506.06	-0.01	3.22	-0.57	-119.55	-36.98	0	0	-120	-35	7.34	6.45	5.94	5.41	4.8	4.07	3.2
D	30120	9	4118.6	-30.98	134.68	470251.9	6571499	258.82	207.39	116.08	120	142.74	54506.35	0	3.26	-0.35	-119.61	-36.98	0	0	-120	-35	7.39	6.48	5.96	5.43	4.81	4.07	3.21
D	30120	9	4118.8	-30.98	134.68	470264.1	6571499	258.74	207.39	115.94	120	142.8	54506.54	0	3.3	-0.01	-119.63	-37.01	0	0	-120	-35	7.44	6.51	5.98	5.45	4.82	4.08	3.2
D	30120	9	4119	-30.98	134.68	470276.3	6571499	258.67	207.32	115.81	120	142.86	54506.62	0	3.33	0.25	-119.67	-37.08	0	0	-120	-35	7.49	6.54	6.02	5.47	4.83	4.08	3.2
D	30120	9	4119.2	-30.98	134.68	470288.5	6571499	258.6	207.12	115.68	120	142.92	54506.66	0	3.35	0.28	-119.66	-37.18	0	0	-120	-35	7.56	6.58	6.05	5.49	4.85	4.09	3.2
D	30120	9	4119.4	-30.98	134.68	470300.7	6571499	258.54	206.9	115.55	120	142.98	54506.75	0	3.35	0.13	-119.67	-37.31	0	0	-120	-35	7.63	6.63	6.09	5.52	4.87	4.1	3.2
D	30120	9	4119.6	-30.98	134.68	470312.9	6571499	258.49	206.7	115.44	120	143.05	54506.93	0	3.3	-0.06	-119.66	-37.5	0	0	-120	-35	7.7	6.68	6.13	5.56	4.89	4.12	3.21
D	30120	9	4119.8	-30.98	134.68	470325.1	6571499	258.45	206.58	115.36	120	143.1	54507.17	0	3.22	-0.26	-119.62	-37.66	0	0	-120	-35	7.77	6.73	6.17	5.59	4.92	4.14	3.23
D	30120	9	4120	-30.98	134.68	470337.3	6571499	258.43	206.58	115.28	120	143.14	54507.41	0.01	3.12	-0.45	-119.57	-37.84	0	0	-120	-35	7.83	6.78	6.21	5.62	4.95	4.16	3.24
D	30120	9	4120.2	-30.98	134.68	470349.5	6571499	258.42	206.65	115.22	120	143.2	54507.63	0.01	2.99	-0.64	-119.48	-38	0	0	-120	-35	7.89	6.82	6.24	5.65	4.97	4.18	3.26
D	30120	9	4120.4	-30.98	134.68	470361.6	6571499	258.43	206.75	115.14	120	143.29	54507.91	0.01	2.9	-0.82	-119.38	-38.16	0	0	-120	-35	7.95	6.86	6.27	5.68	5	4.21	3.28
D	30120	9	4120.6	-30.98	134.68	470373.8	6571499	258.44	206.86	115.03	120	143.41	54508.3	0.02	2.88	-0.89	-119.27	-38.29	0	0	-120	-35	8	6.9	6.3	5.7	5.02	4.23	3.3
D	30120	9	4120.8	-30.98	134.68	470386	6571500	258.45	206.92	114.9	120	143.56	54508.74	0.02	2.9	-0.87	-119.16	-38.41	0	0	-120	-35	8.05	6.93	6.32	5.73	5.04	4.25	3.32
D	30120	9	4121	-30.98	134.68	470398.2	6571500	258.47	206.96	114.76	120	143.71	54509.17	0.03	2.93	-0.79	-119.05	-38.49	0	0	-120	-35	8.1	6.97	6.34	5.75	5.06	4.27	3.34
D	30120	9	4121.2	-30.98	134.69	470410.3	6571500	258.48	206.99	114.66	120	143.82	54509.53	0.04	2.97	-0.68	-118.99	-38.57	0	0	-120	-35	8.13	6.99	6.36	5.76	5.07	4.28	3.35
D	30120	9	4121.4	-30.98	134.69	470422.5	6571500	258.5	207.03	114.59	120	143.91	54509.84	0.05	3	-0.6	-118.93	-38.61	0	0	-120	-35	8.16	7.02	6.38	5.77	5.08	4.29	3.35
D	30120																												

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D	30270		8	5348.2	-31.12	134.76	477911.1	6556500	274	287.16	115.7	120	158.3	54634.39	0.01	1.02	1.18	-122.28	-30.19	0	0	-120	-35	7.06	6.15	5.61	5.02	4.28	3.4	2.42
D	30270		8	5348.4	-31.12	134.76	477897.3	6556500	273.64	286.63	115.37	120	158.26	54633.31	0.01	1.2	0.66	-122.41	-29.92	0	0	-120	-35	7.05	6.16	5.62	5.03	4.3	3.42	2.44
D	30270		8	5348.6	-31.12	134.76	477883.4	6556500	273.26	286.15	115.06	120	158.2	54632.2	0.01	1.35	0	-122.49	-29.77	0	0	-120	-35	7.06	6.18	5.64	5.06	4.33	3.46	2.48
D	30280		8	5276.6	-31.13	134.76	477888.3	6555504	281.61	294.82	121.41	120	160.21	54617.86	-0.11	1.81	-2.43	-120.21	-35.3	0	0	-120	-35	6.4	5.52	4.98	4.39	3.68	2.84	1.93
D	30280		8	5276.8	-31.13	134.76	477902.3	6555504	281.62	294.95	121.43	120	160.19	54617.82	-0.11	1.81	-2.05	-120.32	-35.02	0	0	-120	-35	6.35	5.48	4.94	4.36	3.65	2.82	1.92
D	30280		8	5277	-31.13	134.76	477916.3	6555505	281.62	295.05	121.45	120	160.17	54617.9	-0.12	1.81	-1.51	-120.45	-34.67	0	0	-120	-35	6.28	5.41	4.88	4.3	3.6	2.78	1.89
D	30280		8	5277.2	-31.13	134.76	477930.3	6555505	281.6	295.07	121.46	120	160.15	54618.05	-0.12	1.8	-0.87	-120.62	-34.33	0	0	-120	-35	6.19	5.34	4.81	4.24	3.55	2.74	1.86
D	30280		8	5277.4	-31.13	134.76	477944.3	6555505	281.58	294.96	121.45	120	160.13	54618.26	-0.12	1.81	-0.25	-120.82	-34	0	0	-120	-35	6.11	5.27	4.74	4.18	3.49	2.69	1.83
D	30280		8	5277.6	-31.13	134.76	477958.3	6555505	281.55	294.78	121.44	120	160.11	54618.56	-0.12	1.82	0.29	-120.99	-33.7	0	0	-120	-35	6.05	5.22	4.69	4.13	3.45	2.65	1.8
D	30280		8	5277.8	-31.13	134.76	477972.3	6555506	281.51	294.57	121.43	120	160.09	54619.01	-0.12	1.79	0.63	-121.13	-33.42	0	0	-120	-35	6.02	5.19	4.66	4.1	3.42	2.62	1.78
D	30280		8	5278	-31.13	134.76	477986.3	6555506	281.48	294.37	121.41	120	160.06	54619.66	-0.12	1.74	0.75	-121.25	-33.21	0	0	-120	-35	6.03	5.19	4.66	4.1	3.4	2.6	1.76
D	30280		8	5278.2	-31.13	134.76	478000.3	6555506	281.44	294.21	121.41	120	160.04	54620.51	-0.12	1.7	0.8	-121.35	-33.06	0	0	-120	-35	6.07	5.21	4.68	4.11	3.41	2.6	1.76
D	30280		8	5278.4	-31.13	134.76	478014.3	6555506	281.42	294.11	121.4	120	160.02	54621.5	-0.12	1.68	0.78	-121.39	-32.92	0	0	-120	-35	6.13	5.25	4.71	4.13	3.42	2.6	1.75
D	30280		8	5278.6	-31.13	134.76	478028.3	6555506	281.38	294.08	121.4	120	159.98	54622.63	-0.12	1.69	0.61	-121.41	-32.84	0	0	-120	-35	6.2	5.3	4.74	4.15	3.42	2.59	1.74
D	30280		8	5278.8	-31.13	134.76	478042.3	6555507	281.32	294.11	121.39	120	159.93	54623.92	-0.11	1.73	0.37	-121.45	-32.75	0	0	-120	-35	6.24	5.32	4.76	4.16	3.42	2.58	1.73
D	30280		8	5279	-31.13	134.76	478056.3	6555507	281.22	294.14	121.34	120	159.88	54625.43	-0.1	1.77	0.03	-121.48	-32.72	0	0	-120	-35	6.24	5.32	4.75	4.14	3.4	2.55	1.7
D	30280		8	5279.2	-31.13	134.76	478070.3	6555507	281.08	294.12	121.25	120	159.83	54627.12	-0.09	1.8	-0.31	-121.52	-32.67	0	0	-120	-35	6.19	5.29	4.71	4.1	3.34	2.5	1.66
D	30280		8	5279.4	-31.13	134.77	478084.2	6555507	280.9	294.08	121.13	120	159.78	54628.92	-0.08	1.85	-0.45	-121.55	-32.63	0	0	-120	-35	6.11	5.22	4.64	4.03	3.27	2.43	1.61
D	30280		8	5279.6	-31.13	134.77	478098.2	6555508	280.72	293.99	120.99	120	159.73	54630.79	-0.07	1.91	-0.49	-121.59	-32.62	0	0	-120	-35	6.02	5.15	4.56	3.95	3.2	2.37	1.55
D	30280		8	5279.8	-31.13	134.77	478112.2	6555508	280.55	293.91	120.89	120	159.66	54632.77	-0.06	1.99	-0.63	-121.62	-32.63	0	0	-120	-35	5.95	5.09	4.5	3.89	3.13	2.3	1.5
D	30280		8	5280	-31.13	134.77	478126.1	6555508	280.42	293.87	120.83	120	159.6	54634.85	-0.04	2.04	-0.61	-121.6	-32.67	0	0	-120	-35	5.9	5.05	4.46	3.84	3.09	2.26	1.46
D	30280		8	5280.2	-31.13	134.77	478140.1	6555508	280.34	293.83	120.8	120	159.55	54637.04	-0.03	2.05	-0.43	-121.59	-32.81	0	0	-120	-35	5.9	5.04	4.46	3.83	3.07	2.23	1.44
D	30280		8	5280.4	-31.13	134.77	478154	6555509	280.3	293.82	120.78	120	159.52	54639.27	-0.01	2	-0.09	-121.56	-33.02	0	0	-120	-35	5.95	5.07	4.48	3.85	3.07	2.23	1.43
D	30280		8	5280.6	-31.13	134.77	478168	6555509	280.29	293.92	120.76	120	159.53	54641.49	0	1.85	0.47	-121.45	-33.3	0	0	-120	-35	6.03	5.12	4.53	3.88	3.09	2.24	1.42
D	30280		8	5280.8	-31.13	134.77	478181.9	6555509	280.31	294.09	120.74	120	159.56	54643.6	0.01	1.7	1.35	-121.32	-33.64	0	0	-120	-35	6.12	5.18	4.59	3.92	3.12	2.25	1.42
D	30280		8	5281	-31.13	134.77	478195.9	6555509	280.32	294.29	120.72	120	159.6	54645.61	0.02	1.59	2.31	-121.14	-34.03	0	0	-120	-35	6.2	5.23	4.63	3.95	3.13	2.25	1.42
D	30280		8	5281.2	-31.13	134.77	478209.8	6555509	280.35	294.45	120.7	120	159.64	54647.58	0.04	1.52	3.13	-120.96	-34.45	0	0	-120	-35	6.26	5.25	4.65	3.96	3.13	2.24	1.41
D	30280		8	5281.4	-31.13	134.77	478223.8	6555509	280.38	294.47	120.67	120	159.71	54649.52	0.05	1.46	4.04	-120.75	-34.8	0	0	-120	-35	6.28	5.26	4.65	3.95	3.11	2.22	1.39
D	30280		8	5281.6	-31.13	134.77	478237.7	6555510	280.4	294.35	120.6	120	159.8	54651.33	0.06	1.35	5.16	-120.57	-35.07	0	0	-120	-35	6.27	5.25	4.63	3.92	3.08	2.19	1.37
D	30280		8	5281.8	-31.13	134.77	478251.6	6555510	280.4	294.2	120.5	120	159.9	54652.91	0.06	1.21	6.01	-120.43	-35.26	0	0	-120	-35	6.24	5.22	4.6	3.88	3.04	2.15	1.34
D	30280		8	5282	-31.13	134.77	478265.6	6555509	280.36	294.03	120.37	120	159.99	54654.21	0.07	1.09	6.51	-120.31	-35.38	0	0	-120	-35	6.2	5.19	4.56	3.85	3.01	2.12	1.32
D	30280		8	5282.2	-31.13	134.77	478279.5	6555509	280.28	293.87	120.24	120	160.05	54655.27	0.07	0.98	6.5	-120.22	-35.39	0	0	-120	-35	6.17	5.17	4.54	3.83	2.99	2.1	1.3
D	30280		8	5282.4	-31.13	134.77	478293.4	6555509	280.17	293.69	120.09	120	160.08	54656.18	0.07	0.92	6.05	-120.19	-35.36	0	0	-120	-35	6.15	5.17	4.54	3.83	2.98	2.1	1.3
D	30280		8	5282.6	-31.13	134.77	478307.4	6555509	280.02	293.46	119.94	120	160.09	54656.99	0.07	0.92	5.41	-120.16	-35.27	0	0	-120	-35	6.15	5.19	4.55	3.86	3	2.11	1.3
D	30280		8	5282.8	-31.13	134.77	478321.3	6555509	279.85	293.22	119.74	120	160.11	54657.77	0.07	0.94	4.69	-120.15	-35.18	0	0	-120	-35	6.16	5.22	4.59	3.9	3.04	2.14	1.31
D	30280		8	5283	-31.13	134.77	478335.2	6555509	279.65	292.95	119.52	120	160.13	54658.5	0.07	0.99	3.92	-120.19	-35.05	0	0	-120	-35	6.19	5.27	4.64	3.95	3.09	2.18	1.33
D	30280		8	5283.2	-31.13	134.77	478349.2	6555508	279.44	292.67	119.27	120	160.17	54659.11	0.07	1.08	3.21	-120.26	-34.89	0	0	-120	-35	6.23	5.32	4.7	4.02	3.16	2.23	1.36
D	30280		8	5283.4	-31.13	134.77	478363.1	6555508	279.21	292.36	119	120	160.2	54659.6	0.07	1.18	2.58	-120.35	-34.77	0	0	-120	-35	6.28	5.38	4.77	4.09	3.22	2.28	1.4
D	30280		8	5283.6	-31.13	134.77	478377	6555507	278.97	291.99	118.75	120	160.21	54660	0.07	1.26	2.12	-120.49	-34.62	0	0	-120	-35	6.34	5.45	4.84	4.16	3.29	2.34	1.44
D	30280		8	5283.8	-31.13	134.77	478391	6555507	278.72	291.6	118.49	120	160.23	54660.32	0.07	1.3	1.81	-120.66	-34.53	0	0	-120	-35	6.4	5.51	4.91	4.23	3.36	2.4	1.48
D	30280		8	5284	-31.13	134.77	478404.9	6555507	278.49	291.21	118.24	120	160.25	54660.59	0.07	1.34	1.58	-120.81	-34.41	0	0	-120	-35	6.47	5.58	4.99	4.3	3.43	2.46	1.53
D	30280		8	5284.2	-31.13	134.77	478418.8	6555506	278.26	290.83	118.01	120	160.25	54660.79	0.07	1.38	1.36	-121	-34.35	0	0	-120	-35	6.54	5.66	5.07	4.38	3.5	2.53	1.58
D	30280		8	5284.4	-31.13	134.77	478432.8	6555506	278.04	290.5	117.77	120</																		

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7	
D		30290	8	4660.2	-31.14	134.77	478862.3	6554491	281.63	293.86	117.68	120	163.95	54696.61	0.12	2.11	0.27	-121.11	-33.64	0	0	-120	-35	6.64	5.8	5.38	4.88	4.25	3.45	2.52
D		30290	8	4660.4	-31.14	134.77	478848.7	6554491	281.58	293.78	117.64	120	163.94	54697.75	0.13	2.26	0.06	-121.23	-33.35	0	0	-120	-35	6.61	5.78	5.36	4.86	4.24	3.45	2.52
D		30290	8	4660.6	-31.14	134.77	478835.2	6554492	281.53	293.67	117.61	120	163.92	54698.73	0.14	2.44	0.07	-121.31	-33.15	0	0	-120	-35	6.56	5.75	5.34	4.85	4.22	3.44	2.51
D		30290	8	4660.8	-31.14	134.77	478821.7	6554492	281.48	293.56	117.59	120	163.89	54699.48	0.14	2.59	0.14	-121.37	-33.02	0	0	-120	-35	6.52	5.73	5.31	4.83	4.21	3.42	2.5
D		30290	8	4661	-31.14	134.77	478808.2	6554493	281.46	293.46	117.57	120	163.89	54699.95	0.14	2.7	0.24	-121.39	-32.93	0	0	-120	-35	6.49	5.71	5.29	4.82	4.2	3.41	2.49
D		30290	8	4661.2	-31.14	134.77	478794.7	6554493	281.46	293.4	117.54	120	163.93	54700.14	0.14	2.78	0.35	-121.37	-32.92	0	0	-120	-35	6.46	5.7	5.28	4.81	4.19	3.4	2.48
D		30290	8	4661.4	-31.14	134.77	478781.2	6554493	281.48	293.37	117.5	120	163.98	54700.08	0.14	2.8	0.35	-121.35	-32.97	0	0	-120	-35	6.45	5.7	5.28	4.81	4.19	3.4	2.47
D		30290	8	4661.6	-31.14	134.77	478767.7	6554493	281.52	293.37	117.45	120	164.07	54699.88	0.13	2.81	0.23	-121.32	-33.07	0	0	-120	-35	6.47	5.72	5.28	4.82	4.19	3.4	2.47
D		30290	8	4661.8	-31.14	134.77	478754.2	6554494	281.58	293.4	117.41	120	164.17	54699.54	0.13	2.81	0.12	-121.27	-33.25	0	0	-120	-35	6.5	5.74	5.3	4.84	4.2	3.4	2.47
D		30290	8	4662	-31.14	134.77	478740.7	6554494	281.65	293.44	117.39	120	164.26	54699.03	0.12	2.81	0.19	-121.2	-33.48	0	0	-120	-35	6.54	5.78	5.33	4.86	4.22	3.41	2.47
D		30290	8	4662.2	-31.14	134.77	478727.2	6554494	281.72	293.46	117.37	120	164.35	54698.31	0.11	2.82	0.33	-121.13	-33.77	0	0	-120	-35	6.6	5.82	5.37	4.89	4.23	3.42	2.47
D		30290	8	4662.4	-31.14	134.77	478713.7	6554495	281.81	293.46	117.36	120	164.45	54697.38	0.09	2.84	0.34	-121.02	-34.08	0	0	-120	-35	6.65	5.85	5.4	4.91	4.25	3.42	2.47
D		30290	8	4662.6	-31.14	134.77	478700.2	6554495	281.9	293.45	117.38	120	164.53	54696.32	0.08	2.87	0.11	-120.9	-34.41	0	0	-120	-35	6.69	5.88	5.43	4.93	4.26	3.43	2.46
D		30290	8	4662.8	-31.14	134.77	478686.8	6554495	282	293.43	117.4	120	164.6	54695.26	0.07	2.9	-0.25	-120.77	-34.73	0	0	-120	-35	6.72	5.9	5.45	4.93	4.26	3.42	2.45
D		30290	8	4663	-31.14	134.77	478673.3	6554496	282.1	293.45	117.45	120	164.65	54694.29	0.06	2.89	-0.6	-120.64	-35.05	0	0	-120	-35	6.74	5.91	5.46	4.93	4.26	3.41	2.44
D		30290	8	4663.2	-31.14	134.77	478659.8	6554496	282.21	293.51	117.52	120	164.69	54693.42	0.05	2.84	-0.88	-120.49	-35.33	0	0	-120	-35	6.75	5.91	5.46	4.92	4.24	3.4	2.42
D		30290	8	4663.4	-31.14	134.77	478646.4	6554496	282.31	293.61	117.58	120	164.74	54692.58	0.05	2.77	-1.07	-120.34	-35.56	0	0	-120	-35	6.75	5.91	5.45	4.91	4.23	3.37	2.4
D		30290	8	4663.6	-31.14	134.77	478633	6554496	282.42	293.71	117.63	120	164.78	54691.74	0.05	2.68	-1.24	-120.19	-35.73	0	0	-120	-35	6.76	5.9	5.44	4.9	4.2	3.35	2.38
D		30290	8	4663.8	-31.14	134.77	478619.5	6554496	282.52	293.79	117.68	120	164.84	54690.92	0.04	2.62	-1.52	-120.08	-35.92	0	0	-120	-35	6.76	5.9	5.43	4.88	4.18	3.33	2.35
D		30290	8	4664	-31.14	134.77	478606.1	6554496	282.62	293.83	117.73	120	164.89	54690.12	0.04	2.63	-1.86	-119.96	-36.07	0	0	-120	-35	6.77	5.9	5.42	4.87	4.16	3.3	2.33
D		30290	8	4664.2	-31.14	134.77	478592.7	6554497	282.72	293.82	117.79	120	164.93	54689.33	0.04	2.66	-2.08	-119.87	-36.23	0	0	-120	-35	6.77	5.9	5.41	4.85	4.14	3.27	2.3
D		30290	8	4664.4	-31.14	134.77	478579.2	6554497	282.82	293.76	117.85	120	164.97	54688.52	0.04	2.68	-2.15	-119.79	-36.35	0	0	-120	-35	6.77	5.89	5.4	4.84	4.12	3.24	2.27
D		30290	8	4664.6	-31.14	134.77	478565.8	6554497	282.92	293.71	117.95	120	164.97	54687.66	0.04	2.67	-2.06	-119.7	-36.46	0	0	-120	-35	6.77	5.89	5.38	4.81	4.09	3.21	2.23
D		30290	8	4664.8	-31.14	134.77	478552.4	6554497	283.03	293.73	118.05	120	164.99	54686.7	0.03	2.66	-1.87	-119.66	-36.54	0	0	-120	-35	6.75	5.87	5.36	4.79	4.06	3.17	2.2
D		30290	8	4665	-31.14	134.77	478539	6554497	283.16	293.9	118.13	120	165.03	54685.68	0.03	2.65	-1.66	-119.62	-36.57	0	0	-120	-35	6.73	5.85	5.33	4.76	4.02	3.14	2.16
D		30290	8	4665.2	-31.14	134.77	478525.6	6554497	283.3	294.24	118.22	120	165.08	54684.67	0.03	2.61	-1.44	-119.6	-36.63	0	0	-120	-35	6.7	5.83	5.3	4.73	3.99	3.1	2.13
D		30290	8	4665.4	-31.14	134.77	478512.2	6554496	283.46	294.67	118.31	120	165.15	54683.77	0.03	2.58	-1.1	-119.58	-36.64	0	0	-120	-35	6.68	5.81	5.28	4.71	3.96	3.07	2.1
D		30290	8	4665.6	-31.14	134.77	478498.9	6554496	283.62	295.16	118.41	120	165.21	54682.85	0.02	2.61	-0.46	-119.6	-36.66	0	0	-120	-35	6.67	5.8	5.26	4.69	3.94	3.04	2.07
D		30290	8	4665.8	-31.14	134.77	478485.5	6554496	283.79	295.64	118.56	120	165.24	54681.75	0.01	2.64	0.39	-119.6	-36.66	0	0	-120	-35	6.66	5.79	5.24	4.67	3.92	3.02	2.05
D		30290	8	4666	-31.14	134.77	478472.1	6554496	283.97	296.06	118.73	120	165.24	54680.45	0.01	2.62	1.01	-119.62	-36.64	0	0	-120	-35	6.65	5.78	5.23	4.66	3.9	3	2.03
D		30290	8	4666.2	-31.14	134.77	478458.7	6554496	284.15	296.45	118.91	120	165.24	54679.1	0.01	2.56	1.12	-119.64	-36.62	0	0	-120	-35	6.64	5.77	5.21	4.64	3.88	2.99	2.01
D		30290	8	4666.4	-31.14	134.77	478445.3	6554496	284.32	296.78	119.08	120	165.24	54677.87	0	2.52	1.18	-119.69	-36.53	0	0	-120	-35	6.61	5.76	5.19	4.62	3.86	2.96	1.99
D		30290	8	4666.6	-31.14	134.77	478432	6554496	284.5	296.99	119.24	120	165.26	54676.7	-0.01	2.53	1.54	-119.72	-36.42	0	0	-120	-35	6.58	5.74	5.16	4.59	3.83	2.94	1.97
D		30290	8	4666.8	-31.14	134.77	478418.6	6554495	284.66	297.16	119.36	120	165.3	54675.51	-0.01	2.49	1.94	-119.78	-36.26	0	0	-120	-35	6.54	5.71	5.13	4.56	3.81	2.91	1.95
D		30290	8	4667	-31.14	134.77	478405.2	6554495	284.81	297.27	119.44	120	165.37	54674.27	-0.01	2.44	2.15	-119.83	-36.13	0	0	-120	-35	6.51	5.69	5.1	4.54	3.78	2.89	1.93
D		30290	8	4667.2	-31.14	134.77	478391.8	6554495	284.93	297.3	119.49	120	165.45	54673.05	-0.02	2.43	2.19	-119.88	-35.9	0	0	-120	-35	6.47	5.66	5.08	4.51	3.76	2.87	1.92
D		30290	8	4667.4	-31.14	134.77	478378.4	6554495	285.04	297.33	119.53	120	165.51	54671.89	-0.03	2.44	2.25	-119.93	-35.72	0	0	-120	-35	6.46	5.64	5.07	4.5	3.74	2.86	1.91
D		30290	8	4667.6	-31.14	134.77	478365	6554495	285.13	297.35	119.59	120	165.55	54670.73	-0.03	2.46	2.28	-119.95	-35.56	0	0	-120	-35	6.46	5.64	5.07	4.5	3.74	2.85	1.9
D		30290	8	4667.8	-31.14	134.77	478351.6	6554495	285.22	297.39	119.67	120	165.55	54669.55	-0.04	2.48	2.15	-120	-35.37	0	0	-120	-35	6.47	5.64	5.09	4.5	3.75	2.85	1.9
D		30290	8	4668	-31.14	134.77	478338.3	6554495	285.3	297.47	119.77	120	165.52	54668.41	-0.05	2.51	1.73	-120.04	-35.24	0	0	-120	-35	6.5	5.66	5.11	4.52	3.76	2.86	1.9
D		30290	8	4668.2	-31.14	134.77	478324.9	6554495	285.37	297.58	119.87	120	165.5	54667.32	-0.06	2.52	1.31	-120.1	-35.09	0	0	-120	-35	6.54	5.68	5.13	4.54	3.77	2.87	1.91
D		30290	8	4668.4	-31.14	134.77	478311.5	6554495	285.44	297.73	119.95	120	165.5	54666.28	-0.06	2.52	0.94	-120.17	-34.93	0	0	-120	-35	6.58	5.7	5.16	4.56	3.79	2.89	1.92
D		30290	8	4668.6	-31.14	134.77	478298.1	6554495	285.5	297.																				

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30300	8	4582	-31.15	134.76	478012.3	6553513	291.07	304.09	116.65	120	174.42	54721.37	-0.01	2.85	1.76	-118.76	-38.69	0	0	-120	-35	8.36	7.04	6.09	4.96	3.61	2.26	1.16
D	30300	8	4582.2	-31.15	134.76	478025.5	6553514	291.33	304.48	117.1	120	174.23	54722.75	0	2.89	2.1	-118.76	-38.54	0	0	-120	-35	8.11	6.8	5.85	4.75	3.43	2.14	1.09
D	30300	8	4582.4	-31.15	134.76	478038.8	6553514	291.54	304.74	117.47	120	174.06	54724.15	0.01	2.9	2.59	-118.76	-38.38	0	0	-120	-35	7.89	6.57	5.63	4.54	3.26	2.02	1.01
D	30300	8	4582.6	-31.15	134.76	478052	6553515	291.7	304.89	117.8	120	173.9	54725.39	0.02	2.87	3.3	-118.81	-38.23	0	0	-120	-35	7.71	6.38	5.44	4.36	3.1	1.89	0.94
D	30300	8	4582.8	-31.15	134.76	478065.2	6553515	291.84	304.95	118.09	120	173.75	54726.38	0.02	2.81	3.82	-118.85	-38.08	0	0	-120	-35	7.59	6.25	5.3	4.22	2.97	1.79	0.88
D	30300	8	4583	-31.15	134.77	478078.5	6553515	291.97	304.91	118.37	120	173.59	54727.12	0.03	2.77	3.94	-118.92	-37.9	0	0	-120	-35	7.53	6.17	5.21	4.13	2.88	1.71	0.82
D	30300	8	4583.2	-31.15	134.77	478091.7	6553516	292.09	304.79	118.65	120	173.43	54727.7	0.03	2.75	3.78	-119.01	-37.7	0	0	-120	-35	7.51	6.13	5.17	4.08	2.83	1.66	0.78
D	30300	8	4583.4	-31.15	134.77	478104.9	6553516	292.2	304.64	118.92	120	173.27	54728.24	0.02	2.7	3.37	-119.13	-37.48	0	0	-120	-35	7.52	6.12	5.15	4.05	2.79	1.62	0.75
D	30300	8	4583.6	-31.15	134.77	478118.2	6553516	292.3	304.49	119.19	120	173.11	54728.85	0.02	2.64	2.67	-119.24	-37.26	0	0	-120	-35	7.5	6.09	5.12	4.03	2.77	1.6	0.73
D	30300	8	4583.8	-31.15	134.77	478131.4	6553516	292.38	304.46	119.46	120	172.93	54729.59	0.02	2.53	1.91	-119.43	-37.02	0	0	-120	-35	7.45	6.05	5.08	3.99	2.73	1.56	0.71
D	30300	8	4584	-31.15	134.77	478144.6	6553517	292.46	304.54	119.69	120	172.77	54730.38	0.02	2.35	1.48	-119.61	-36.73	0	0	-120	-35	7.35	5.96	5	3.92	2.68	1.53	0.68
D	30300	8	4584.2	-31.15	134.77	478157.9	6553517	292.51	304.65	119.88	120	172.63	54731.13	0.02	2.22	1.28	-119.82	-36.46	0	0	-120	-35	7.2	5.83	4.89	3.82	2.6	1.48	0.65
D	30300	8	4584.4	-31.15	134.77	478171.1	6553517	292.56	304.75	120.04	120	172.52	54731.83	0.02	2.19	1.2	-120.01	-36.2	0	0	-120	-35	7.02	5.66	4.74	3.69	2.51	1.41	0.62
D	30300	8	4584.6	-31.15	134.77	478184.3	6553517	292.61	304.76	120.18	120	172.43	54732.58	0.03	2.23	1.28	-120.2	-35.94	0	0	-120	-35	6.81	5.48	4.57	3.55	2.4	1.34	0.59
D	30300	8	4584.8	-31.15	134.77	478197.5	6553518	292.67	304.76	120.35	120	172.32	54733.46	0.03	2.23	1.41	-120.35	-35.75	0	0	-120	-35	6.61	5.29	4.39	3.39	2.28	1.27	0.56
D	30300	8	4585	-31.15	134.77	478210.8	6553518	292.76	304.78	120.58	120	172.18	54734.46	0.04	2.11	1.65	-120.46	-35.54	0	0	-120	-35	6.43	5.1	4.22	3.24	2.17	1.2	0.53
D	30300	8	4585.2	-31.15	134.77	478224	6553518	292.88	304.86	120.84	120	172.05	54735.45	0.04	1.9	1.9	-120.51	-35.39	0	0	-120	-35	6.27	4.94	4.05	3.1	2.06	1.14	0.5
D	30300	8	4585.4	-31.15	134.77	478237.3	6553518	293.03	304.98	121.11	120	171.93	54736.3	0.05	1.7	2.06	-120.53	-35.31	0	0	-120	-35	6.16	4.8	3.91	2.97	1.97	1.09	0.49
D	30300	8	4585.6	-31.15	134.77	478250.5	6553518	293.2	305.1	121.38	120	171.82	54737.04	0.05	1.51	2.05	-120.54	-35.24	0	0	-120	-35	6.08	4.69	3.79	2.86	1.88	1.05	0.47
D	30300	8	4585.8	-31.15	134.77	478263.8	6553519	293.35	305.18	121.63	120	171.72	54737.83	0.06	1.37	1.88	-120.5	-35.21	0	0	-120	-35	6.02	4.58	3.68	2.76	1.81	1.01	0.46
D	30300	8	4586	-31.15	134.77	478277.1	6553519	293.49	305.21	121.89	120	171.59	54738.78	0.06	1.32	1.65	-120.46	-35.13	0	0	-120	-35	5.97	4.48	3.57	2.66	1.74	0.97	0.45
D	30300	8	4586.2	-31.15	134.77	478290.3	6553519	293.59	305.22	122.16	120	171.43	54739.81	0.07	1.34	1.47	-120.42	-35.1	0	0	-120	-35	5.9	4.37	3.45	2.56	1.66	0.94	0.44
D	30300	8	4586.4	-31.15	134.77	478303.6	6553519	293.67	305.23	122.44	120	171.23	54740.77	0.07	1.38	1.24	-120.38	-35.08	0	0	-120	-35	5.8	4.24	3.32	2.45	1.59	0.9	0.43
D	30300	8	4586.6	-31.15	134.77	478316.9	6553520	293.72	305.29	122.71	120	171	54741.57	0.08	1.33	0.77	-120.35	-35.05	0	0	-120	-35	5.68	4.1	3.19	2.34	1.51	0.85	0.41
D	30300	8	4586.8	-31.15	134.77	478330.2	6553520	293.75	305.44	122.99	120	170.75	54742.22	0.09	1.18	0.03	-120.32	-35.02	0	0	-120	-35	5.54	3.95	3.04	2.22	1.43	0.81	0.39
D	30300	8	4587	-31.15	134.77	478343.5	6553520	293.76	305.63	123.27	120	170.5	54742.85	0.09	0.99	-0.78	-120.33	-34.96	0	0	-120	-35	5.39	3.8	2.9	2.1	1.35	0.76	0.37
D	30300	8	4587.2	-31.15	134.77	478356.8	6553520	293.76	305.8	123.49	120	170.28	54743.51	0.1	0.84	-1.58	-120.32	-34.88	0	0	-120	-35	5.24	3.66	2.78	2	1.27	0.72	0.35
D	30300	8	4587.4	-31.15	134.77	478370.1	6553521	293.74	305.96	123.62	120	170.13	54744.2	0.1	0.74	-2.18	-120.34	-34.82	0	0	-120	-35	5.13	3.55	2.68	1.91	1.21	0.68	0.34
D	30300	8	4587.6	-31.15	134.77	478383.4	6553521	293.69	306.12	123.64	120	170.05	54744.86	0.11	0.66	-2.33	-120.33	-34.73	0	0	-120	-35	5.07	3.48	2.61	1.85	1.17	0.66	0.33
D	30300	8	4587.8	-31.15	134.77	478396.7	6553521	293.6	306.28	123.57	120	170.03	54745.43	0.12	0.59	-2.07	-120.33	-34.6	0	0	-120	-35	5.05	3.45	2.58	1.82	1.15	0.65	0.32
D	30300	8	4588	-31.15	134.77	478410	6553522	293.45	306.47	123.46	120	169.99	54745.89	0.12	0.55	-1.7	-120.34	-34.46	0	0	-120	-35	5.07	3.45	2.59	1.82	1.15	0.65	0.32
D	30300	8	4588.2	-31.15	134.77	478423.3	6553522	293.25	306.59	123.33	120	169.92	54746.22	0.13	0.5	-1.09	-120.38	-34.34	0	0	-120	-35	5.12	3.48	2.61	1.83	1.15	0.65	0.33
D	30300	8	4588.4	-31.15	134.77	478436.7	6553522	292.99	306.58	123.16	120	169.83	54746.35	0.13	0.46	-0.11	-120.44	-34.16	0	0	-120	-35	5.18	3.52	2.64	1.85	1.17	0.66	0.33
D	30300	8	4588.6	-31.15	134.77	478450	6553523	292.7	306.4	122.95	120	169.75	54746.26	0.13	0.48	0.96	-120.56	-33.93	0	0	-120	-35	5.22	3.55	2.67	1.88	1.18	0.67	0.34
D	30300	8	4588.8	-31.15	134.77	478463.4	6553523	292.39	306.05	122.71	120	169.68	54745.99	0.12	0.56	2.03	-120.72	-33.66	0	0	-120	-35	5.23	3.58	2.69	1.9	1.2	0.68	0.34
D	30300	8	4589	-31.15	134.77	478476.7	6553523	292.09	305.6	122.45	120	169.64	54745.59	0.12	0.64	3.09	-120.88	-33.39	0	0	-120	-35	5.22	3.59	2.71	1.91	1.21	0.69	0.35
D	30300	8	4589.2	-31.15	134.77	478490.1	6553523	291.79	305.08	122.18	120	169.61	54745.08	0.11	0.68	4.02	-121.11	-33.1	0	0	-120	-35	5.21	3.61	2.74	1.94	1.23	0.71	0.36
D	30300	8	4589.4	-31.15	134.77	478503.5	6553524	291.49	304.62	121.9	120	169.59	54744.45	0.1	0.7	4.69	-121.31	-32.84	0	0	-120	-35	5.2	3.65	2.78	1.99	1.28	0.74	0.38
D	30300	8	4589.6	-31.15	134.77	478516.9	6553524	291.21	304.25	121.62	120	169.58	54743.77	0.1	0.76	4.94	-121.47	-32.62	0	0	-120	-35	5.24	3.72	2.86	2.07	1.35	0.79	0.42
D	30300	8	4589.8	-31.15	134.77	478530.3	6553524	290.92	304.02	121.34	120	169.58	54743.16	0.09	0.86	4.79	-121.6	-32.42	0	0	-120	-35	5.32	3.84	2.99	2.19	1.45	0.88	0.47
D	30300	8	4590	-31.15	134.77	478543.7	6553524	290.63	303.89	121.04	120	169.59	54742.78	0.1	0.98	4.48	-121.7	-32.27	0	0	-120	-35	5.46	4.01	3.16	2.37	1.6	0.99	0.54
D	30300	8	4590.2	-31.15	134.77	478557.1	6553524	290.35	303.77	120.77	120	169.58	54742.7	0.1	1.09	4.29	-121.73	-32.18	0	0	-120	-35	5.64	4.22	3.39	2.58	1.79	1.13	0.64
D	30300	8	4590.4	-31.15	134.77	478570.4	6553524	290.07	303.6	120.53	120	169.54	54742.83	0.12	1.19	4.38	-121.75	-32.17	0	0	-120	-35	5.84	4.46	3.64	2.82	2.01	1	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlt_raw	Txrlt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30300	8	4598.4	-31.15	134.78	479108	6553500	291.16	302.8	123.37	120	167.79	54664.44	-0.2	1.41	-2.53	-119.88	-35.62	0	0	-120	-35	5.99	5.22	4.78	4.29	3.67	2.91	2.06
D	30300	8	4598.6	-31.15	134.78	479121.5	6553499	291.36	303.08	123.55	120	167.81	54664.91	-0.19	1.27	-1.99	-119.94	-35.48	0	0	-120	-35	5.94	5.18	4.73	4.25	3.63	2.88	2.03
D	30300	8	4598.8	-31.15	134.78	479135.1	6553499	291.54	303.3	123.75	120	167.79	54665.42	-0.19	1.21	-1.47	-120.03	-35.36	0	0	-120	-35	5.9	5.14	4.69	4.22	3.6	2.84	2
D	30300	8	4599	-31.15	134.78	479148.6	6553498	291.68	303.47	123.96	120	167.72	54666.06	-0.18	1.18	-1.14	-120.15	-35.26	0	0	-120	-35	5.85	5.1	4.66	4.18	3.56	2.81	1.97
D	30300	8	4599.2	-31.15	134.78	479162.2	6553498	291.79	303.62	124.17	120	167.62	54666.95	-0.17	1.13	-0.97	-120.29	-35.14	0	0	-120	-35	5.81	5.06	4.62	4.14	3.52	2.77	1.94
D	30300	8	4599.4	-31.15	134.78	479175.8	6553498	291.86	303.75	124.35	120	167.51	54668.1	-0.15	1.08	-0.78	-120.44	-34.98	0	0	-120	-35	5.77	5.02	4.59	4.11	3.49	2.74	1.92
D	30300	8	4599.6	-31.15	134.78	479189.3	6553497	291.9	303.88	124.46	120	167.43	54669.47	-0.14	1.06	-0.62	-120.62	-34.82	0	0	-120	-35	5.74	5	4.56	4.08	3.47	2.72	1.9
D	30300	8	4599.8	-31.15	134.78	479202.9	6553497	291.9	303.99	124.53	120	167.38	54671	-0.12	1.09	-0.57	-120.82	-34.65	0	0	-120	-35	5.72	4.98	4.55	4.07	3.45	2.7	1.89
D	30300	8	4600	-31.15	134.78	479216.5	6553496	291.88	304.03	124.52	120	167.36	54672.62	-0.1	1.16	-0.44	-121.04	-34.41	0	0	-120	-35	5.7	4.97	4.54	4.06	3.44	2.69	1.88
D	30300	8	4600.2	-31.15	134.78	479230.1	6553496	291.83	304.03	124.46	120	167.38	54674.26	-0.09	1.25	-0.15	-121.24	-34.19	0	0	-120	-35	5.69	4.96	4.54	4.05	3.43	2.69	1.88
D	30300	8	4600.4	-31.15	134.78	479243.7	6553495	291.76	304	124.35	120	167.41	54675.88	-0.07	1.34	0.13	-121.48	-33.93	0	0	-120	-35	5.68	4.95	4.53	4.04	3.42	2.68	1.88
D	30300	8	4600.6	-31.15	134.78	479257.3	6553495	291.66	303.95	124.21	120	167.45	54677.41	-0.05	1.43	0.27	-121.69	-33.64	0	0	-120	-35	5.66	4.95	4.52	4.04	3.42	2.68	1.88
D	30300	8	4600.8	-31.15	134.78	479270.9	6553495	291.54	303.89	124.07	120	167.47	54678.83	-0.04	1.54	0.28	-121.89	-33.31	0	0	-120	-35	5.64	4.94	4.51	4.03	3.41	2.67	1.88
D	30300	8	4601	-31.15	134.78	479284.5	6553494	291.4	303.76	123.93	120	167.47	54680.13	-0.03	1.65	0.29	-122.06	-33.05	0	0	-120	-35	5.62	4.93	4.5	4.02	3.4	2.66	1.87
D	30300	8	4601.2	-31.15	134.78	479298.1	6553494	291.24	303.56	123.78	120	167.46	54681.33	-0.02	1.81	0.37	-122.21	-32.76	0	0	-120	-35	5.61	4.93	4.49	4.01	3.39	2.65	1.86
D	30300	8	4601.4	-31.15	134.78	479311.6	6553493	291.07	303.3	123.6	120	167.47	54682.34	-0.01	2	0.54	-122.29	-32.53	0	0	-120	-35	5.62	4.93	4.49	4.01	3.38	2.64	1.85
D	30300	8	4601.6	-31.15	134.78	479325.2	6553493	290.91	302.98	123.4	120	167.51	54683.05	-0.01	2.21	0.65	-122.36	-32.37	0	0	-120	-35	5.65	4.95	4.5	4.01	3.38	2.63	1.84
D	30300	8	4601.8	-31.15	134.78	479338.8	6553493	290.76	302.64	123.2	120	167.56	54683.41	-0.01	2.43	0.54	-122.4	-32.28	0	0	-120	-35	5.69	4.97	4.52	4.02	3.38	2.62	1.83
D	30300	8	4602	-31.15	134.78	479352.4	6553492	290.66	302.29	123.02	120	167.64	54683.51	-0.02	2.65	0.13	-122.41	-32.23	0	0	-120	-35	5.75	5.01	4.55	4.03	3.37	2.61	1.81
D	30300	8	4602.2	-31.15	134.78	479366	6553492	290.6	301.96	122.91	120	167.69	54683.51	-0.03	2.79	-0.48	-122.36	-32.29	0	0	-120	-35	5.82	5.05	4.58	4.04	3.37	2.59	1.79
D	30300	8	4602.4	-31.15	134.78	479379.6	6553492	290.58	301.74	122.88	120	167.71	54683.45	-0.04	2.84	-1.09	-122.29	-32.43	0	0	-120	-35	5.89	5.08	4.61	4.05	3.36	2.57	1.76
D	30300	8	4602.6	-31.15	134.78	479393.2	6553491	290.61	301.62	122.91	120	167.7	54683.3	-0.06	2.83	-1.66	-122.18	-32.65	0	0	-120	-35	5.95	5.12	4.63	4.06	3.35	2.55	1.72
D	30300	8	4602.8	-31.15	134.78	479406.8	6553491	290.67	301.61	123	120	167.67	54683.06	-0.07	2.79	-2.28	-122.06	-32.99	0	0	-120	-35	6.01	5.15	4.65	4.06	3.34	2.52	1.69
D	30300	8	4603	-31.15	134.78	479420.4	6553491	290.77	301.72	123.16	120	167.62	54682.85	-0.09	2.75	-2.84	-121.89	-33.41	0	0	-120	-35	6.06	5.18	4.67	4.07	3.33	2.5	1.66
D	30300	8	4603.2	-31.15	134.78	479434	6553491	290.91	301.9	123.33	120	167.57	54682.84	-0.1	2.66	-3.12	-121.66	-33.94	0	0	-120	-35	6.12	5.21	4.69	4.08	3.33	2.48	1.63
D	30300	8	4603.4	-31.15	134.78	479447.6	6553490	291.07	302.11	123.54	120	167.54	54683.14	-0.11	2.53	-3.16	-121.4	-34.53	0	0	-120	-35	6.17	5.25	4.72	4.1	3.34	2.48	1.61
D	30300	8	4603.6	-31.15	134.78	479461.2	6553490	291.26	302.37	123.77	120	167.49	54683.72	-0.11	2.35	-3.01	-121.08	-35.17	0	0	-120	-35	6.23	5.28	4.74	4.12	3.35	2.48	1.6
D	30300	8	4603.8	-31.15	134.78	479474.8	6553490	291.46	302.68	123.99	120	167.47	54684.43	-0.11	2.14	-2.62	-120.73	-35.76	0	0	-120	-35	6.27	5.31	4.77	4.14	3.36	2.48	1.6
D	30300	8	4604	-31.15	134.78	479488.4	6553490	291.66	303.01	124.22	120	167.44	54685.19	-0.11	1.95	-2.24	-120.37	-36.33	0	0	-120	-35	6.31	5.34	4.79	4.16	3.38	2.49	1.6
D	30300	8	4604.2	-31.15	134.78	479502	6553490	291.86	303.38	124.47	120	167.39	54686.1	-0.11	1.82	-2.09	-120.04	-36.83	0	0	-120	-35	6.33	5.35	4.8	4.17	3.39	2.5	1.6
D	30300	8	4604.4	-31.15	134.78	479515.7	6553490	292.05	303.78	124.71	120	167.34	54687.34	-0.1	1.76	-2.05	-119.73	-37.2	0	0	-120	-35	6.34	5.35	4.8	4.17	3.39	2.51	1.61
D	30300	8	4604.6	-31.15	134.78	479529.3	6553490	292.23	304.14	124.97	120	167.26	54688.92	-0.1	1.72	-2	-119.46	-37.45	0	0	-120	-35	6.32	5.34	4.79	4.17	3.39	2.51	1.61
D	30300	8	4604.8	-31.15	134.78	479542.9	6553490	292.37	304.45	125.19	120	167.19	54690.75	-0.08	1.68	-1.82	-119.29	-37.61	0	0	-120	-35	6.29	5.31	4.76	4.15	3.38	2.5	1.61
D	30300	8	4605	-31.15	134.78	479556.5	6553491	292.47	304.69	125.37	120	167.1	54692.72	-0.07	1.7	-1.68	-119.14	-37.71	0	0	-120	-35	6.24	5.27	4.72	4.11	3.35	2.48	1.6
D	30300	8	4605.2	-31.15	134.78	479570.2	6553491	292.52	304.88	125.51	120	167.01	54694.76	-0.06	1.77	-1.61	-119.05	-37.72	0	0	-120	-35	6.18	5.21	4.67	4.06	3.31	2.46	1.59
D	30300	8	4605.4	-31.15	134.78	479583.8	6553491	292.52	305.08	125.61	120	166.92	54696.82	-0.04	1.84	-1.37	-119.02	-37.69	0	0	-120	-35	6.11	5.15	4.6	4.01	3.27	2.42	1.57
D	30300	8	4605.6	-31.15	134.78	479597.4	6553491	292.5	305.3	125.68	120	166.82	54698.89	-0.03	1.9	-1.12	-119	-37.61	0	0	-120	-35	6.04	5.08	4.54	3.94	3.21	2.38	1.54
D	30300	8	4605.8	-31.15	134.78	479611.1	6553491	292.47	305.48	125.74	120	166.73	54701.01	-0.01	1.95	-1.02	-119.01	-37.54	0	0	-120	-35	5.97	5.02	4.47	3.88	3.15	2.33	1.51
D	30300	8	4606	-31.15	134.78	479624.7	6553491	292.46	305.55	125.82	120	166.64	54703.13	0	1.98	-0.9	-119.04	-37.43	0	0	-120	-35	5.92	4.98	4.42	3.82	3.09	2.28	1.48
D	30310	8	3969	-31.16	134.79	480189.9	6552501	287.8	300.07	119.18	120	168.62	54611.07	0	2.24	-0.65	-119.59	-35.94	0	0	-120	-35	6.96	6	5.44	4.84	4.09	3.22	2.28
D	30310	8	3969.2	-31.16	134.79	480176.5	6552501	287.68	300.13	119.07	120	168.61	54611.61	0	2.31	-0.06	-119.83	-35.67	0	0	-120	-35	6.98	6.03	5.46	4.86	4.11	3.23	2.28
D	30310	8	3969.4	-31.16	134.79	480163.2	6552501	287.55	300.2	118.97	120	168.58	54612.07	-0.01	2.39	0.65	-120.1	-35.36	0	0	-120	-35	6.99	6.04	5.48	4.88	4.12	3.24	2.28
D	30310	8	3969.6	-31.16	134.79	480149.9	6552500	287.42	300.29	118.87	120	168.55	54612.45	-0.01	2.51	1.36	-120.37	-35.04	0	0	-120	-35	6.99	6.05	5.49	4.89	4.13	3.24	

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txrlat_raw	Txrlat_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30310	8	3977.6	-31.16	134.78	479621.6	6552500	289.51	301.93	119.32	120	170.19	54626.85	-0.02	1.38	1.24	-121.49	-32.26	0	0	-120	-35	6.44	5.51	4.95	4.32	3.52	2.59	1.63
D	30310	8	3977.8	-31.16	134.78	479608.5	6552500	289.36	301.8	119.08	120	170.27	54625.63	-0.04	1.41	1.26	-121.71	-31.9	0	0	-120	-35	6.44	5.52	4.96	4.33	3.53	2.58	1.62
D	30310	8	3978	-31.16	134.78	479595.3	6552500	289.18	301.64	118.83	120	170.35	54624.47	-0.05	1.43	1.22	-121.9	-31.61	0	0	-120	-35	6.44	5.52	4.96	4.32	3.52	2.57	1.61
D	30310	8	3978.2	-31.16	134.78	479582.2	6552500	288.98	301.47	118.55	120	170.44	54623.4	-0.05	1.46	1.09	-122.02	-31.35	0	0	-120	-35	6.43	5.52	4.95	4.32	3.51	2.56	1.6
D	30310	8	3978.4	-31.16	134.78	479569	6552500	288.77	301.29	118.24	120	170.52	54622.43	-0.06	1.49	0.96	-122.11	-31.11	0	0	-120	-35	6.43	5.52	4.94	4.31	3.5	2.54	1.58
D	30310	8	3978.6	-31.16	134.78	479555.9	6552500	288.54	301.08	117.94	120	170.6	54621.62	-0.06	1.54	0.92	-122.16	-30.96	0	0	-120	-35	6.44	5.52	4.95	4.31	3.49	2.53	1.57
D	30310	8	3978.8	-31.16	134.78	479542.7	6552500	288.31	300.84	117.64	120	170.68	54620.99	-0.07	1.62	0.89	-122.17	-30.9	0	0	-120	-35	6.47	5.55	4.96	4.32	3.49	2.53	1.56
D	30310	8	3979	-31.16	134.78	479529.6	6552500	288.09	300.58	117.35	120	170.74	54620.55	-0.07	1.73	0.87	-122.19	-30.9	0	0	-120	-35	6.52	5.58	4.99	4.34	3.5	2.52	1.55
D	30310	8	3979.2	-31.16	134.78	479516.4	6552500	287.88	300.34	117.09	120	170.78	54620.26	-0.07	1.82	0.99	-122.15	-30.95	0	0	-120	-35	6.58	5.63	5.02	4.36	3.51	2.53	1.55
D	30310	8	3979.4	-31.16	134.78	479503.3	6552500	287.67	300.1	116.86	120	170.82	54620.08	-0.07	1.89	1.28	-122.1	-31.08	0	0	-120	-35	6.65	5.68	5.06	4.39	3.52	2.53	1.55
D	30310	8	3979.6	-31.16	134.78	479490.2	6552500	287.48	299.9	116.64	120	170.85	54619.97	-0.07	1.94	1.63	-122.05	-31.31	0	0	-120	-35	6.73	5.73	5.11	4.42	3.53	2.53	1.55
D	30310	8	3979.8	-31.16	134.78	479477	6552500	287.31	299.74	116.43	120	170.87	54619.93	-0.06	2.02	1.9	-121.98	-31.55	0	0	-120	-35	6.8	5.78	5.14	4.44	3.54	2.53	1.55
D	30310	8	3980	-31.16	134.78	479463.9	6552500	287.15	299.59	116.24	120	170.9	54620.01	-0.06	2.11	2.1	-121.87	-31.84	0	0	-120	-35	6.86	5.82	5.17	4.45	3.54	2.52	1.54
D	30310	8	3980.2	-31.16	134.78	479450.8	6552500	287	299.46	116.07	120	170.94	54620.25	-0.05	2.19	2.32	-121.76	-32.22	0	0	-120	-35	6.92	5.85	5.2	4.46	3.53	2.5	1.53
D	30310	8	3980.4	-31.16	134.78	479437.6	6552500	286.88	299.35	115.92	120	170.95	54620.66	-0.04	2.26	2.64	-121.61	-32.64	0	0	-120	-35	6.98	5.88	5.21	4.45	3.51	2.48	1.51
D	30310	8	3980.6	-31.16	134.78	479424.5	6552500	286.77	299.23	115.82	120	170.95	54621.2	-0.03	2.32	3.08	-121.46	-33.11	0	0	-120	-35	7.03	5.91	5.22	4.44	3.48	2.45	1.5
D	30310	8	3980.8	-31.16	134.78	479411.4	6552500	286.7	299.13	115.75	120	170.95	54621.78	-0.02	2.39	3.59	-121.27	-33.61	0	0	-120	-35	7.09	5.93	5.23	4.43	3.45	2.42	1.48
D	30310	8	3981	-31.16	134.78	479398.3	6552500	286.67	299.05	115.71	120	170.96	54622.29	-0.01	2.45	4.07	-121.07	-34.11	0	0	-120	-35	7.14	5.95	5.23	4.4	3.41	2.38	1.45
D	30310	8	3981.2	-31.16	134.78	479385.2	6552500	286.68	299.01	115.68	120	171	54622.62	0	2.49	4.44	-120.83	-34.65	0	0	-120	-35	7.18	5.96	5.22	4.37	3.37	2.33	1.42
D	30310	8	3981.4	-31.16	134.78	479372	6552500	286.72	299.03	115.63	120	171.08	54622.75	0	2.52	4.56	-120.58	-35.22	0	0	-120	-35	7.22	5.96	5.2	4.34	3.32	2.28	1.38
D	30310	8	3981.6	-31.16	134.78	479358.9	6552500	286.78	299.09	115.59	120	171.19	54622.74	0.01	2.52	4.43	-120.31	-35.72	0	0	-120	-35	7.24	5.95	5.17	4.29	3.26	2.23	1.34
D	30310	8	3981.8	-31.16	134.78	479345.8	6552501	286.85	299.17	115.55	120	171.3	54622.62	0.01	2.47	4.16	-120.05	-36.19	0	0	-120	-35	7.25	5.93	5.14	4.24	3.19	2.17	1.29
D	30310	8	3982	-31.16	134.78	479332.7	6552501	286.92	299.29	115.53	120	171.39	54622.37	0	2.32	3.79	-119.8	-36.61	0	0	-120	-35	7.25	5.91	5.1	4.18	3.13	2.1	1.25
D	30310	8	3982.2	-31.16	134.78	479319.7	6552501	286.98	299.41	115.52	120	171.46	54621.94	0	2.13	3.35	-119.57	-36.97	0	0	-120	-35	7.24	5.88	5.05	4.12	3.06	2.04	1.2
D	30310	8	3982.4	-31.16	134.78	479306.6	6552501	287.04	299.55	115.48	120	171.56	54621.33	-0.01	1.91	2.93	-119.38	-37.19	0	0	-120	-35	7.23	5.85	5	4.05	2.99	1.97	1.15
D	30310	8	3982.6	-31.16	134.78	479293.5	6552502	287.08	299.64	115.4	120	171.68	54620.59	-0.01	1.7	2.52	-119.24	-37.39	0	0	-120	-35	7.21	5.81	4.95	3.99	2.91	1.91	1.1
D	30310	8	3982.8	-31.16	134.78	479280.4	6552502	287.09	299.61	115.3	120	171.79	54619.72	-0.02	1.53	2.14	-119.12	-37.47	0	0	-120	-35	7.19	5.77	4.89	3.92	2.85	1.85	1.05
D	30310	8	3983	-31.16	134.78	479267.3	6552502	287.07	299.45	115.16	120	171.91	54618.72	-0.04	1.44	1.81	-119.03	-37.44	0	0	-120	-35	7.16	5.73	4.84	3.86	2.78	1.79	1.01
D	30310	8	3983.2	-31.16	134.78	479254.2	6552503	287	299.16	115.01	120	171.99	54617.61	-0.06	1.44	1.5	-119.01	-37.37	0	0	-120	-35	7.14	5.69	4.79	3.81	2.73	1.75	0.98
D	30310	8	3983.4	-31.16	134.78	479241.1	6552503	286.9	298.79	114.84	120	172.05	54616.47	-0.07	1.5	1.17	-119.03	-37.22	0	0	-120	-35	7.12	5.66	4.75	3.77	2.7	1.73	0.96
D	30310	8	3983.6	-31.16	134.78	479228.1	6552503	286.77	298.4	114.64	120	172.13	54615.39	-0.09	1.59	0.76	-119.09	-37.04	0	0	-120	-35	7.13	5.65	4.74	3.75	2.69	1.72	0.96
D	30310	8	3983.8	-31.16	134.78	479215	6552504	286.63	298.03	114.44	120	172.19	54614.44	-0.11	1.7	0.31	-119.21	-36.77	0	0	-120	-35	7.15	5.66	4.76	3.77	2.71	1.75	0.98
D	30310	8	3984	-31.16	134.78	479201.9	6552504	286.49	297.67	114.23	120	172.26	54613.65	-0.12	1.85	-0.05	-119.37	-36.51	0	0	-120	-35	7.21	5.71	4.81	3.83	2.78	1.81	1.02
D	30310	8	3984.2	-31.16	134.78	479188.8	6552504	286.35	297.35	114.04	120	172.31	54613.06	-0.13	2.01	-0.33	-119.6	-36.22	0	0	-120	-35	7.29	5.79	4.91	3.93	2.88	1.9	1.09
D	30310	8	3984.4	-31.16	134.78	479175.8	6552505	286.21	297.08	113.9	120	172.32	54612.72	-0.14	2.15	-0.56	-119.85	-35.92	0	0	-120	-35	7.39	5.91	5.04	4.07	3.02	2.02	1.18
D	30310	8	3984.6	-31.16	134.78	479162.7	6552505	286.09	296.86	113.78	120	172.31	54612.64	-0.14	2.28	-0.7	-120.14	-35.63	0	0	-120	-35	7.5	6.04	5.19	4.24	3.19	2.17	1.28
D	30310	8	3984.8	-31.16	134.78	479149.6	6552505	285.97	296.73	113.68	120	172.29	54612.79	-0.15	2.43	-0.79	-120.43	-35.34	0	0	-120	-35	7.59	6.18	5.34	4.41	3.37	2.33	1.41
D	30310	8	3985	-31.16	134.78	479136.6	6552505	285.88	296.71	113.59	120	172.29	54613.15	-0.14	2.57	-0.92	-120.67	-35.08	0	0	-120	-35	7.67	6.32	5.5	4.59	3.56	2.5	1.54
D	30310	8	3985.2	-31.16	134.78	479123.5	6552505	285.81	296.76	113.5	120	172.31	54613.69	-0.14	2.69	-1.04	-120.87	-34.85	0	0	-120	-35	7.73	6.44	5.64	4.76	3.74	2.68	1.68
D	30310	8	3985.4	-31.16	134.78	479110.5	6552506	285.76	296.86	113.45	120	172.31	54614.41	-0.14	2.79	-1.07	-121.04	-34.65	0	0	-120	-35	7.77	6.55	5.77	4.92	3.92	2.85	1.82
D	30310	8	3985.6	-31.16	134.78	479097.5	6552506	285.74	296.99	113.44	120	172.3	54615.31	-0.13	2.89	-0.99	-121.15	-34.5	0	0	-120	-35	7.81	6.64	5.88	5.07	4.09	3.03	1.97
D	30310	8	3985.8	-31.16	134.78	479084.4	6552506	285.75	297.13	113.49	120	172.25	54616.37	-0.13	2.99	-0.83	-121.22	-34.43	0	0	-120	-35	7.83	6.71	5.99	5.2	4.25	3.19	2.11
D	30310	8	3986	-31.16	134.78	479071.4	6552506	285.78	297.26	113.6	120	172.18	54617.54	-0.12	3.11	-0.63	-121.25	-34.41	0	0	-120	-35	7.87	6.78	6.08	5.33	4.		

H1000	Line	Flight	Fid	Latitude	Longitude	Easting	Northing	Txheight	Baro	Txralt_raw	Txralt_fina	Dtm	Mag	Mag_1vd	Pitch_raw	Roll_raw	Hsep_raw	Vsep_raw	Pitch_final	Roll_final	Hsep_final	Vsep_final	Emx_raw1	Emx_raw2	Emx_raw3	Emx_raw4	Emx_raw5	Emx_raw6	Emx_raw7
D	30310	8	3994	-31.16	134.77	478556.9	6552508	291.18	302.51	118.3	120	172.89	54684.4	0.16	2.98	2.46	-119.85	-36.9	0	0	-120	-35	6.81	5.73	5.07	4.32	3.4	2.4	1.46
D	30310	8	3994.2	-31.16	134.77	478544.1	6552508	291.29	302.07	118.29	120	173	54685.05	0.17	3.02	2.7	-119.9	-36.89	0	0	-120	-35	6.79	5.7	5.03	4.26	3.33	2.33	1.41
D	30310	8	3994.4	-31.16	134.77	478531.2	6552508	291.38	301.67	118.3	120	173.09	54685.43	0.17	3.07	2.71	-119.97	-36.91	0	0	-120	-35	6.77	5.67	4.98	4.2	3.26	2.26	1.35
D	30310	8	3994.6	-31.16	134.77	478518.4	6552509	291.5	301.45	118.33	120	173.17	54685.59	0.18	3.09	2.45	-120	-36.97	0	0	-120	-35	6.75	5.65	4.95	4.16	3.21	2.21	1.31
D	30310	8	3994.8	-31.16	134.77	478505.6	6552509	291.66	301.4	118.41	120	173.25	54685.65	0.18	3.08	1.91	-119.99	-37.06	0	0	-120	-35	6.75	5.64	4.93	4.13	3.17	2.17	1.28
D	30310	8	3995	-31.16	134.77	478492.8	6552509	291.88	301.58	118.55	120	173.33	54685.7	0.18	3.02	1.38	-119.95	-37.22	0	0	-120	-35	6.77	5.64	4.94	4.12	3.16	2.15	1.26
D	30310	8	3995.2	-31.16	134.77	478480	6552509	292.17	302.01	118.75	120	173.42	54685.69	0.18	2.92	1.13	-119.89	-37.39	0	0	-120	-35	6.81	5.66	4.96	4.14	3.17	2.16	1.26
D	30310	8	3995.4	-31.16	134.77	478467.2	6552509	292.51	302.66	118.98	120	173.53	54685.43	0.18	2.82	0.99	-119.78	-37.6	0	0	-120	-35	6.84	5.69	4.99	4.17	3.2	2.18	1.26
D	30310	8	3995.6	-31.16	134.77	478454.4	6552509	292.88	303.56	119.22	120	173.66	54684.83	0.18	2.64	0.75	-119.64	-37.79	0	0	-120	-35	6.88	5.72	5.03	4.21	3.23	2.2	1.27
D	30310	8	3995.8	-31.16	134.77	478441.6	6552509	293.23	304.56	119.43	120	173.8	54683.84	0.18	2.32	0.52	-119.49	-37.98	0	0	-120	-35	6.9	5.74	5.06	4.24	3.26	2.22	1.27
D	30310	8	3996	-31.16	134.77	478428.9	6552509	293.52	305.43	119.61	120	173.91	54682.56	0.17	2.04	0.19	-119.35	-38.12	0	0	-120	-35	6.91	5.75	5.08	4.27	3.28	2.24	1.28
D	30310	8	3996.2	-31.16	134.77	478416.1	6552509	293.74	306.05	119.74	120	174	54681	0.16	1.9	0	-119.24	-38.19	0	0	-120	-35	6.89	5.75	5.08	4.27	3.29	2.24	1.27
D	30310	8	3996.4	-31.16	134.77	478403.3	6552509	293.9	306.43	119.81	120	174.09	54679.19	0.14	1.89	0.05	-119.13	-38.22	0	0	-120	-35	6.86	5.74	5.07	4.26	3.28	2.23	1.25
D	30310	8	3996.6	-31.16	134.77	478390.6	6552508	294.02	306.63	119.84	120	174.18	54677.09	0.12	1.97	0.36	-119.04	-38.19	0	0	-120	-35	6.8	5.7	5.02	4.22	3.25	2.19	1.22
D	30310	8	3996.8	-31.16	134.77	478377.8	6552508	294.11	306.76	119.79	120	174.32	54674.7	0.09	2.09	0.77	-119	-38.12	0	0	-120	-35	6.72	5.63	4.94	4.15	3.18	2.14	1.17
D	30310	8	3997	-31.16	134.77	478365	6552508	294.18	306.9	119.71	120	174.48	54672.04	0.06	2.17	1.11	-118.98	-38	0	0	-120	-35	6.61	5.54	4.85	4.06	3.1	2.07	1.11
D	30310	8	3997.2	-31.16	134.77	478352.2	6552508	294.25	306.98	119.62	120	174.63	54669.23	0.03	2.19	1.47	-118.98	-37.86	0	0	-120	-35	6.5	5.44	4.74	3.96	3.01	1.99	1.05
D	30310	8	3997.4	-31.16	134.77	478339.5	6552508	294.3	307.01	119.53	120	174.76	54666.45	0	2.14	1.72	-119	-37.71	0	0	-120	-35	6.39	5.33	4.62	3.85	2.91	1.91	0.99
D	30310	8	3997.6	-31.16	134.77	478326.7	6552508	294.34	307	119.47	120	174.86	54663.85	-0.03	2.1	1.85	-119.06	-37.58	0	0	-120	-35	6.3	5.23	4.52	3.75	2.82	1.83	0.94
D	30310	8	3997.8	-31.16	134.77	478313.9	6552508	294.36	306.93	119.41	120	174.95	54661.49	-0.05	2.13	2.12	-119.12	-37.45	0	0	-120	-35	6.24	5.14	4.43	3.65	2.74	1.77	0.89
D	30310	8	3998	-31.16	134.77	478301.2	6552508	294.37	306.87	119.34	120	175.04	54659.35	-0.08	2.17	2.45	-119.21	-37.33	0	0	-120	-35	6.21	5.07	4.35	3.58	2.67	1.71	0.86
D	30310	8	3998.2	-31.16	134.77	478288.4	6552508	294.38	306.83	119.24	120	175.13	54657.46	-0.1	2.22	2.72	-119.3	-37.27	0	0	-120	-35	6.19	5	4.29	3.5	2.6	1.66	0.83
D	30310	8	3998.4	-31.16	134.77	478275.7	6552508	294.37	306.8	119.14	120	175.23	54655.9	-0.11	2.28	2.85	-119.39	-37.17	0	0	-120	-35	6.17	4.93	4.21	3.42	2.53	1.61	0.81
D	30310	8	3998.6	-31.16	134.77	478262.9	6552508	294.37	306.78	119.05	120	175.32	54654.73	-0.12	2.35	2.88	-119.51	-37.08	0	0	-120	-35	6.14	4.84	4.11	3.32	2.44	1.55	0.78
D	30310	8	3998.8	-31.16	134.77	478250.1	6552508	294.37	306.74	118.98	120	175.39	54653.96	-0.13	2.4	2.83	-119.61	-37.02	0	0	-120	-35	6.06	4.72	3.98	3.19	2.34	1.48	0.76
D	30310	8	3999	-31.16	134.77	478237.4	6552509	294.39	306.69	118.94	120	175.45	54653.57	-0.13	2.41	2.65	-119.73	-36.9	0	0	-120	-35	5.93	4.54	3.8	3.03	2.2	1.4	0.72
D	30310	8	3999.2	-31.16	134.77	478224.6	6552509	294.42	306.62	118.92	120	175.51	54653.55	-0.12	2.39	2.36	-119.83	-36.8	0	0	-120	-35	5.74	4.32	3.58	2.83	2.05	1.3	0.69
D	30310	8	3999.4	-31.16	134.77	478211.9	6552509	294.48	306.54	118.91	120	175.57	54653.89	-0.11	2.36	1.97	-119.93	-36.71	0	0	-120	-35	5.5	4.06	3.33	2.6	1.87	1.19	0.65
D	30310	8	3999.6	-31.16	134.77	478199.1	6552509	294.54	306.46	118.9	120	175.64	54654.54	-0.1	2.35	1.57	-120	-36.59	0	0	-120	-35	5.22	3.77	3.06	2.36	1.69	1.08	0.6
D	30310	8	3999.8	-31.16	134.77	478186.3	6552509	294.61	306.35	118.9	120	175.71	54655.46	-0.08	2.35	1.25	-120.07	-36.52	0	0	-120	-35	4.94	3.48	2.79	2.13	1.51	0.98	0.56
D	30310	8	4000	-31.16	134.77	478173.6	6552509	294.67	306.24	118.89	120	175.77	54656.59	-0.06	2.38	1.07	-120.09	-36.49	0	0	-120	-35	4.68	3.2	2.54	1.92	1.36	0.89	0.53
D	30310	8	4000.2	-31.16	134.77	478160.8	6552509	294.72	306.1	118.86	120	175.85	54657.85	-0.04	2.46	0.97	-120.09	-36.43	0	0	-120	-35	4.44	2.96	2.31	1.74	1.23	0.81	0.5
D	30310	8	4000.4	-31.16	134.77	478148.1	6552509	294.76	305.92	118.8	120	175.96	54659.16	-0.02	2.6	0.97	-120.07	-36.45	0	0	-120	-35	4.24	2.75	2.13	1.59	1.13	0.75	0.48
D	30310	8	4000.6	-31.16	134.77	478135.4	6552509	294.82	305.77	118.7	120	176.12	54660.47	0	2.78	0.95	-120.05	-36.51	0	0	-120	-35	4.07	2.58	1.97	1.47	1.04	0.71	0.46
D	30310	8	4000.8	-31.16	134.77	478122.6	6552510	294.9	305.64	118.57	120	176.33	54661.8	0.01	2.96	0.9	-120.01	-36.55	0	0	-120	-35	3.92	2.42	1.84	1.37	0.97	0.66	0.44
D	30310	8	4001	-31.16	134.77	478109.9	6552510	295.03	305.62	118.47	120	176.56	54663.15	0.03	3.14	0.83	-119.98	-36.61	0	0	-120	-35	3.78	2.28	1.71	1.27	0.9	0.62	0.41
D	30310	8	4001.2	-31.16	134.77	478097.2	6552510	295.22	305.74	118.44	120	176.78	54664.38	0.05	3.23	0.82	-119.96	-36.67	0	0	-120	-35	3.64	2.15	1.59	1.18	0.84	0.58	0.38
D	30310	8	4001.4	-31.16	134.77	478084.5	6552510	295.45	305.97	118.49	120	176.96	54665.41	0.06	3.26	0.84	-119.92	-36.75	0	0	-120	-35	3.49	2.02	1.47	1.08	0.77	0.53	0.35
D	30310	8	4001.6	-31.16	134.76	478071.8	6552510	295.7	306.29	118.6	120	177.1	54666.21	0.07	3.28	0.65	-119.89	-36.85	0	0	-120	-35	3.36	1.89	1.36	0.99	0.7	0.48	0.32
D	30310	8	4001.8	-31.16	134.76	478059.1	6552510	295.96	306.66	118.74	120	177.22	54666.89	0.08	3.29	0.23	-119.83	-36.94	0	0	-120	-35	3.22	1.76	1.24	0.9	0.63	0.43	0.28
D	30310	8	4002	-31.16	134.76	478046.4	6552510	296.2	307.01	118.89	120	177.31	54667.47	0.09	3.26	-0.17	-119.77	-37.06	0	0	-120	-35	3.11	1.64	1.13	0.81	0.56	0.38	0.25
D	30310	8	4002.2	-31.16	134.76	478033.7	6552510	296.42	307.33	119.03	120	177.38	54667.92	0.09	3.23	-0.46	-119.71	-37.17	0	0	-120	-35	3	1.52	1.03	0.72	0.49	0.33	0.22
D	30310	8	4002.4	-31.16	134.76	478021.1	6552510	296.61	307.62	119.14	120	177.48	54668.21	0.1	3.2	-0.68	-119.62	-37.26	0	0	-120	-35	2.9	1.41	0.93	0.64	0.43	0.29	0.19
D</																													

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.04	0.009	0.001	-0.001	-0.001	0.001	0.001	0	4.91	3.31	2.36	1.57	0.89	0.42	0.15	0.04	0.009	0.001	-0.001	-0.001	0.001	0.001	0	0	1.66
0.06	0.01	0.001	-0.001	-0.001	0.001	0.001	0	5.01	3.46	2.52	1.73	1	0.49	0.18	0.05	0.01	0.001	-0.001	-0.001	0.001	0.001	0	0	2.04
0.07	0.01	0.002	0	-0.001	0.001	0	0	5.09	3.6	2.68	1.87	1.12	0.56	0.22	0.06	0.01	0.002	0	-0.001	0.001	0	0	0	2.39
0.09	0.02	0.003	0	-0.001	0.001	-0.001	0.001	5.14	3.71	2.81	1.99	1.22	0.63	0.25	0.08	0.01	0.003	0	-0.001	0.001	-0.001	0.001	0	2.47
0.11	0.02	0.004	0.001	-0.002	0.001	-0.001	0.001	5.18	3.79	2.91	2.1	1.31	0.7	0.29	0.09	0.02	0.004	0.001	-0.002	0.001	-0.001	0.001	0	2.19
0.12	0.03	0.006	0.001	-0.002	0.001	-0.002	0.001	5.18	3.83	2.98	2.19	1.4	0.76	0.33	0.11	0.02	0.006	0.001	-0.002	0.001	-0.002	0.001	0	1.89
0.14	0.04	0.007	0.001	-0.002	0.001	-0.002	0.002	5.18	3.85	3.03	2.25	1.47	0.82	0.37	0.13	0.03	0.007	0.001	-0.002	0.001	-0.002	0.002	0	2.27
0.16	0.04	0.008	0	-0.003	0.002	-0.002	0.002	5.16	3.86	3.05	2.3	1.53	0.88	0.41	0.15	0.04	0.008	0	-0.003	0.002	-0.002	0.002	0	2.36
0.18	0.05	0.009	-0.002	-0.003	0.002	-0.002	0.002	5.14	3.84	3.06	2.33	1.58	0.93	0.45	0.17	0.05	0.009	-0.002	-0.003	0.002	-0.002	0.002	150.9	2.18
0.2	0.06	0.01	-0.003	-0.004	0.003	-0.002	0.003	5.13	3.82	3.06	2.35	1.62	0.98	0.48	0.19	0.05	0.009	-0.003	-0.004	0.003	-0.002	0.003	0	1.55
0.22	0.07	0.01	-0.004	-0.004	0.004	-0.002	0.003	5.12	3.8	3.05	2.36	1.66	1.02	0.52	0.21	0.06	0.01	-0.004	-0.004	0.004	-0.002	0.003	89.8	1.85
0.24	0.08	0.01	-0.005	-0.005	0.005	-0.001	0.004	5.1	3.77	3.03	2.37	1.69	1.06	0.56	0.23	0.07	0.01	-0.005	-0.005	0.005	-0.001	0.004	0	2.17
0.27	0.09	0.01	-0.005	-0.005	0.005	0	0.005	5.08	3.74	3	2.37	1.71	1.1	0.59	0.25	0.08	0.01	-0.005	-0.005	0.005	0	0.005	0	2.23
0.29	0.1	0.02	-0.004	-0.005	0.005	0.001	0.006	5.06	3.71	2.98	2.36	1.73	1.13	0.62	0.27	0.09	0.01	-0.004	-0.005	0.005	0.001	0.006	0	2.03
0.31	0.11	0.02	-0.003	-0.005	0.005	0.001	0.006	5.03	3.68	2.96	2.36	1.75	1.16	0.66	0.3	0.1	0.02	-0.003	-0.005	0.005	0.001	0.006	0	1.61
0.34	0.13	0.03	-0.001	-0.005	0.005	0.001	0.006	5.01	3.65	2.95	2.36	1.77	1.19	0.69	0.32	0.12	0.02	-0.001	-0.005	0.005	0.001	0.006	0	1.87
0.36	0.14	0.03	0.001	-0.005	0.004	0.002	0.006	5	3.64	2.94	2.37	1.79	1.23	0.72	0.35	0.13	0.03	0.001	-0.005	0.004	0.002	0.006	0	2.25
0.39	0.15	0.04	0.003	-0.006	0.003	0.001	0.006	5	3.63	2.94	2.38	1.81	1.26	0.76	0.38	0.14	0.03	0.003	-0.006	0.003	0.001	0.006	0	2.17
0.41	0.17	0.05	0.005	-0.006	0.002	0.001	0.006	5.01	3.64	2.95	2.39	1.83	1.29	0.79	0.4	0.16	0.04	0.005	-0.006	0.002	0.001	0.006	0	1.77
0.44	0.18	0.05	0.008	-0.006	0.001	0	0.006	5.02	3.65	2.96	2.4	1.85	1.32	0.82	0.43	0.17	0.05	0.008	-0.006	0.001	0	0.006	0	1.37
0.46	0.2	0.06	0.01	-0.005	-0.001	0	0.006	5.04	3.67	2.98	2.42	1.87	1.34	0.85	0.45	0.19	0.06	0.01	-0.005	-0.001	0	0.006	0	2.27
0.48	0.21	0.07	0.01	-0.004	-0.002	-0.001	0.006	5.05	3.69	2.99	2.43	1.88	1.36	0.87	0.47	0.2	0.06	0.01	-0.004	-0.002	-0.001	0.006	0	2.36
0.49	0.23	0.08	0.01	-0.001	-0.003	-0.002	0.006	5.05	3.7	3	2.44	1.89	1.37	0.89	0.49	0.22	0.07	0.01	-0.001	-0.003	-0.002	0.006	0	2.29
0.51	0.24	0.09	0.02	0.002	-0.003	-0.002	0.006	5.05	3.72	3.01	2.44	1.9	1.38	0.9	0.5	0.23	0.08	0.02	0.002	-0.003	-0.002	0.006	0	1.26
0.52	0.25	0.1	0.02	0.004	-0.003	-0.002	0.006	5.06	3.74	3.03	2.45	1.91	1.4	0.92	0.52	0.25	0.09	0.02	0.004	-0.003	-0.002	0.006	105.4	2.11
0.53	0.27	0.1	0.03	0.007	-0.003	-0.002	0.006	5.08	3.76	3.05	2.47	1.92	1.41	0.93	0.54	0.26	0.1	0.03	0.007	-0.003	-0.002	0.006	112	2.29
0.55	0.28	0.11	0.03	0.008	-0.002	-0.002	0.005	5.11	3.8	3.08	2.49	1.94	1.42	0.95	0.55	0.28	0.11	0.03	0.008	-0.002	-0.002	0.005	87.7	2.4
0.56	0.29	0.12	0.03	0.009	-0.001	-0.002	0.005	5.16	3.85	3.12	2.53	1.96	1.44	0.96	0.57	0.29	0.12	0.03	0.009	-0.001	-0.002	0.005	0	2.22
0.57	0.3	0.13	0.04	0.01	0.001	-0.002	0.004	5.21	3.91	3.18	2.57	1.99	1.47	0.98	0.58	0.3	0.12	0.03	0.009	0.001	-0.002	0.004	0	1.96
0.59	0.31	0.13	0.04	0.01	0.001	-0.002	0.004	5.27	3.97	3.23	2.62	2.03	1.49	1	0.6	0.31	0.13	0.04	0.009	0.001	-0.002	0.004	0	1.8
0.6	0.32	0.14	0.04	0.01	0.002	-0.002	0.003	5.33	4.03	3.29	2.67	2.07	1.52	1.02	0.62	0.33	0.14	0.04	0.009	0.002	-0.002	0.003	0	2.36
0.61	0.33	0.14	0.04	0.01	0.002	-0.002	0.003	5.37	4.09	3.35	2.71	2.1	1.55	1.04	0.63	0.33	0.14	0.04	0.009	0.002	-0.002	0.003	0	2.43
0.62	0.34	0.14	0.04	0.01	0.002	-0.001	0.003	5.42	4.14	3.4	2.76	2.14	1.57	1.06	0.64	0.34	0.14	0.04	0.01	0.002	-0.001	0.003	0	2.23
0.63	0.34	0.15	0.04	0.009	0.002	0	0.003	5.45	4.19	3.45	2.8	2.17	1.6	1.08	0.66	0.35	0.15	0.04	0.009	0.002	0	0.003	0	1.85
0.64	0.35	0.15	0.04	0.009	0.001	0	0.004	5.48	4.23	3.49	2.83	2.2	1.62	1.1	0.67	0.36	0.15	0.03	0.009	0.001	0	0.004	0	2.49
0.65	0.35	0.15	0.03	0.008	0.001	0.001	0.004	5.5	4.26	3.52	2.86	2.23	1.64	1.12	0.68	0.36	0.15	0.03	0.008	0.001	0.001	0.004	0	2.5
0.65	0.35	0.15	0.03	0.006	0.001	0.001	0.004	5.51	4.27	3.55	2.88	2.25	1.66	1.13	0.69	0.37	0.15	0.03	0.006	0.001	0.001	0.004	0	2.25
0.66	0.36	0.15	0.03	0.005	0.001	0.002	0.004	5.51	4.28	3.56	2.9	2.26	1.68	1.14	0.7	0.37	0.15	0.03	0.005	0.001	0.002	0.004	0	1.99
0.66	0.36	0.15	0.03	0.005	0.001	0.002	0.003	5.5	4.26	3.56	2.9	2.26	1.68	1.15	0.7	0.37	0.15	0.03	0.005	0.001	0.002	0.003	0	2.54
0.65	0.35	0.15	0.03	0.004	0.001	0.002	0.003	5.47	4.24	3.54	2.89	2.26	1.68	1.14	0.7	0.37	0.15	0.03	0.004	0.001	0.002	0.003	0	2.55
0.65	0.35	0.14	0.03	0.003	0	0.002	0.003	5.42	4.2	3.51	2.87	2.25	1.67	1.14	0.69	0.37	0.15	0.03	0.003	0	0.002	0.003	64.5	2.1
0.64	0.34	0.14	0.03	0.002	0	0.002	0.003	5.38	4.17	3.48	2.84	2.23	1.66	1.13	0.69	0.36	0.15	0.03	0.002	0	0.002	0.003	0	2.21
0.63	0.34	0.14	0.03	0.002	-0.001	0.001	0.003	5.34	4.13	3.44	2.82	2.21	1.64	1.12	0.68	0.36	0.15	0.03	0.002	-0.001	0.001	0.003	0	2.48
0.61	0.33	0.14	0.03	0.002	-0.001	0.001	0.003	5.31	4.1	3.41	2.8	2.2	1.63	1.11	0.67	0.35	0.14	0.03	0.002	-0.001	0.001	0.003	0	2.46
0.6	0.32	0.13	0.03	0.004	0	0	0.003	5.28	4.07	3.39	2.78	2.18	1.62	1.1	0.66	0.34	0.14	0.03	0.004	0	0	0.003	315.4	2.24
0.58	0.31	0.12	0.03	0.006	0.003	0	0.003	5.25	4.04	3.36	2.76	2.17	1.61	1.08	0.64	0.33	0.13	0.03	0.006	0.003	0	0.003	0	1.68
0.57	0.29	0.12	0.03	0.009	0.006	-0.001	0.002	5.22	4	3.33	2.73	2.14	1.59	1.06	0.63	0.32	0.13	0.03	0.009	0.006	-0.001	0.002	0	2.4
0.55	0.28	0.11	0.03	0.01	0.008	0	0	5.17	3.96	3.29	2.7	2.12	1.56	1.04	0.61	0.3	0.12	0.03	0.01	0.008	0	0	0	2.63
0.53	0.27	0.11	0.03	0.01	0.01	0.001	0.001	5.11	3.9	3.24	2.65	2.09	1.54	1.02	0.59	0.29	0.12	0.03	0.01	0.01	0.001	0	0	2.57
0.51	0.26	0.1	0.03	0.02	0.01	0.004	0.004	5.03	3.83	3.19	2.61	2.05	1.51	1	0.57	0.28	0.11	0.04	0.02	0.01	0.004	0	0	2.27
0.5	0.25	0.1	0.03	0.02	0.01	0.005	0.005	4.97	3.78	3.14	2.57	2.02	1.49	0.97	0.55	0.27	0.11	0.04	0.02	0.02	0.005	212.8	2.16	
0.49	0.24	0.1	0.04	0.02	0.02	0.006	0.006	4.94	3.75	3.12	2.56	2.01	1.48	0.97	0.55	0.26	0.11	0.04	0.02	0.02	0.006	0	0	2.74
0.49	0.24	0.1	0.04	0.02	0.01	0.003	0.003	4.95	3.76	3.13	2.58	2.03	1.49	0.98	0.55									

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
			0.01	0.004	0.005	0.002	-0.001	0.004	5.7	4.28	3.43	2.57	1.65	0.84	0.29		0.01	0.004	0.005	0.002	-0.001	0.004	0	1.63
			0.01	0.004	0.005	0.002	0	0.005	5.67	4.22	3.36	2.48	1.56	0.77	0.25		0.01	0.004	0.005	0.002	0	0.005	0	1.53
			0.009	0.003	0.004	0.001	0	0.006	5.64	4.15	3.27	2.38	1.47	0.7	0.21		0.009	0.003	0.004	0.001	0	0.006	0	1.92
			0.006	0.002	0.003	0	0	0.006	5.6	4.06	3.17	2.26	1.36	0.62	0.18		0.006	0.002	0.003	0	0	0.006	0	1.83
			0.003	0.002	0.002	-0.001	0	0.006	5.54	3.96	3.04	2.13	1.25	0.55	0.15		0.003	0.002	0.002	-0.001	0	0.006	0	1.55
			0	0.002	0.001	-0.003	0	0.005	5.47	3.83	2.9	1.99	1.13	0.48	0.12		0	0.002	0.001	-0.003	0	0.005	0	1.58
	0.004	0.002	0.003	0.001	-0.005	-0.001	0.004	5.38	3.69	2.75	1.84	1.01	0.41	0.1		0.004	0.002	0.003	0.001	-0.005	-0.001	0.004	0	1.71
0.009	0.001	0.004	0.004	0.001	-0.006	-0.002	0.002	5.28	3.54	2.59	1.7	0.9	0.35	0.08	0.009	0.001	0.004	0.004	0.001	-0.006	-0.002	0.002	169.9	1.88
0.01	0.006	0.007	0.005	0.001	-0.005	-0.001	0.002	5.17	3.39	2.42	1.55	0.8	0.3	0.07	0.01	0.006	0.007	0.005	0.001	-0.005	-0.001	0.002	0	1.54
0.01	0.01	0.01	0.006	0.002	-0.004	0	0.002	5.05	3.23	2.26	1.42	0.71	0.26	0.06	0.01	0.01	0.01	0.006	0.002	-0.004	0	0.002	437.3	1.83
0.02	0.01	0.01	0.007	0.003	-0.002	0	0.002	4.91	3.06	2.1	1.29	0.63	0.23	0.06	0.02	0.01	0.01	0.007	0.003	-0.002	0	0.002	138.3	2.08
0.03	0.02	0.01	0.007	0.003	-0.001	0	0.002	4.77	2.9	1.94	1.18	0.57	0.21	0.07	0.03	0.01	0.01	0.007	0.003	-0.001	0	0.002	38.1	1.84
0.04	0.02	0.01	0.006	0.003	0	-0.001	0.001	4.61	2.72	1.79	1.08	0.52	0.2	0.07	0.04	0.02	0.01	0.006	0.003	0	-0.001	0.001	0	1.87
0.04	0.02	0.01	0.005	0.004	0.001	-0.001	0.001	4.44	2.55	1.65	0.98	0.48	0.2	0.08	0.04	0.02	0.01	0.005	0.004	0.001	-0.001	0.001	0	2.51
0.05	0.03	0.01	0.005	0.004	0.003	-0.001	0	4.27	2.37	1.51	0.9	0.45	0.2	0.09	0.05	0.03	0.01	0.005	0.004	0.003	-0.001	0	0	2.59
0.06	0.03	0.01	0.005	0.006	0.004	0	0	4.09	2.21	1.39	0.83	0.42	0.2	0.1	0.06	0.03	0.01	0.005	0.006	0.004	0	0	0	2.17
0.06	0.03	0.01	0.006	0.007	0.005	0.001	0	3.92	2.05	1.28	0.76	0.4	0.2	0.11	0.06	0.03	0.01	0.006	0.007	0.005	0.001	0	0	2.34
0.07	0.03	0.01	0.008	0.009	0.006	0.001	0	3.76	1.9	1.17	0.7	0.38	0.2	0.11	0.07	0.03	0.01	0.008	0.009	0.006	0.001	0	0	2.7
0.07	0.04	0.01	0.01	0.01	0.006	0.002	0	3.6	1.77	1.08	0.65	0.36	0.2	0.11	0.07	0.03	0.01	0.01	0.01	0.006	0.002	0	165.6	2.56
0.07	0.03	0.01	0.01	0.01	0.006	0	0	3.44	1.64	0.99	0.6	0.34	0.19	0.11	0.07	0.03	0.01	0.01	0.01	0.006	0	0	0	2.18
0.06	0.03	0.01	0.01	0.01	0.004	0.002	0.002	3.29	1.53	0.91	0.56	0.32	0.18	0.11	0.06	0.03	0.01	0.01	0.01	0.004	0.002	0	0	1.98
0.06	0.03	0.01	0.01	0.009	0.003	0.004	0.004	3.14	1.42	0.84	0.51	0.29	0.17	0.1	0.06	0.03	0.01	0.01	0.009	0.003	0.004	0	0	2.55
0.06	0.03	0.01	0.01	0.008	0.002	0.005	0.005	2.99	1.32	0.77	0.47	0.27	0.16	0.09	0.06	0.03	0.01	0.01	0.008	0.002	0.005	0	0	2.5
0.05	0.02	0.01	0.01	0.008	0.003	0.004	0.004	2.85	1.22	0.7	0.43	0.25	0.15	0.09	0.05	0.02	0.01	0.01	0.008	0.003	0.004	0	0	2.16
0.05	0.02	0.01	0.01	0.009	0.004	0.003	0.003	2.71	1.12	0.64	0.39	0.23	0.14	0.09	0.05	0.02	0.01	0.01	0.009	0.004	0.003	0	0	2.11
0.05	0.03	0.01	0.01	0.01	0.006	0.001	0.001	2.59	1.03	0.57	0.35	0.21	0.13	0.08	0.05	0.03	0.01	0.01	0.01	0.006	0.001	0	0	2.38
0.05	0.03	0.01	0.01	0.01	0.007	0	0	2.48	0.94	0.52	0.31	0.19	0.12	0.08	0.05	0.03	0.01	0.01	0.01	0.007	0	0	0	2.05
0.05	0.03	0.01	0.01	0.01	0.007	0	0	2.4	0.87	0.47	0.28	0.17	0.11	0.07	0.05	0.03	0.01	0.01	0.01	0.007	0	0	0	1.78
0.05	0.03	0.01	0.01	0.01	0.007	0	0.001	2.35	0.81	0.43	0.25	0.16	0.1	0.07	0.05	0.03	0.01	0.01	0.01	0.007	0	0.001	0	1.83
0.04	0.03	0.01	0.01	0.01	0.008	0.001	0.002	2.33	0.76	0.39	0.23	0.14	0.09	0.07	0.05	0.03	0.01	0.01	0.01	0.008	0.001	0.002	0	1.43
0.04	0.03	0.01	0.009	0.01	0.008	0.001	0.002	2.32	0.72	0.37	0.21	0.13	0.09	0.06	0.04	0.03	0.01	0.009	0.01	0.008	0.001	0.002	0	1.79
0.04	0.03	0.01	0.007	0.009	0.008	0.001	0.002	2.32	0.69	0.34	0.19	0.12	0.08	0.06	0.04	0.03	0.01	0.007	0.009	0.008	0.001	0.002	0	2.23
0.04	0.02	0.01	0.006	0.007	0.007	0	0.001	2.32	0.66	0.32	0.18	0.11	0.07	0.05	0.04	0.02	0.01	0.006	0.007	0.007	0	0.001	66.1	2.34
0.03	0.02	0.01	0.004	0.006	0.007	-0.001	0.001	2.33	0.65	0.31	0.16	0.1	0.07	0.05	0.04	0.02	0.01	0.004	0.006	0.007	-0.001	0.001	0	1.89
0.03	0.02	0.01	0.003	0.005	0.006	-0.001	0.001	2.35	0.64	0.29	0.15	0.09	0.06	0.05	0.03	0.02	0.01	0.003	0.005	0.006	-0.001	0.001	72.3	2.22
0.03	0.02	0.01	0.001	0.003	0.006	-0.002	0.001	2.37	0.63	0.28	0.14	0.08	0.06	0.04	0.03	0.02	0.01	0.001	0.003	0.006	-0.002	0.001	0	2.43
0.02	0.01	0.008	0	0.002	0.005	-0.003	0	2.4	0.64	0.28	0.13	0.08	0.05	0.04	0.03	0.02	0.008	0	0.002	0.005	-0.003	0	0	2.14
0.02	0.01	0.006	-0.001	0.002	0.005	-0.004	0.001	2.44	0.66	0.27	0.12	0.07	0.05	0.03	0.02	0.01	0.006	-0.001	0.002	0.005	-0.004	0.001	0	1.73
0.02	0.01	0.005	-0.002	0.002	0.005	-0.004	0.002	2.51	0.69	0.28	0.12	0.07	0.05	0.03	0.02	0.01	0.005	-0.002	0.002	0.005	-0.004	0.002	266.8	2.1
0.02	0.01	0.003	-0.002	0.002	0.005	-0.003	0.003	2.59	0.72	0.29	0.12	0.07	0.05	0.03	0.02	0.01	0.003	-0.002	0.002	0.005	-0.003	0.003	0	2.01
0.01	0.01	0.001	-0.003	0.002	0.005	-0.003	0.003	2.68	0.77	0.31	0.13	0.07	0.05	0.03	0.01	0.01	0.001	-0.003	0.002	0.005	-0.003	0.003	0	1.87
0.01		0.001	-0.003	0.002	0.005	-0.003	0.004	2.8	0.83	0.34	0.14	0.08	0.05	0.03	0.01		0.001	-0.003	0.002	0.005	-0.003	0.004	0	1.73
0.01		0.002	-0.003	0.002	0.005	-0.002	0.005	2.92	0.9	0.38	0.16	0.08	0.05	0.03	0.01		0.002	-0.003	0.002	0.005	-0.002	0.005	0	2
0.01		0.003	-0.003	0.002	0.004	-0.002	0.006	3.05	0.97	0.42	0.19	0.09	0.06	0.03	0.01		0.003	-0.003	0.002	0.004	-0.002	0.006	0	2.21
0.01		0.004	-0.003	0.001	0.004	-0.001	0.007	3.18	1.06	0.47	0.21	0.11	0.07	0.04	0.01		0.004	-0.003	0.001	0.004	-0.001	0.007	0	1.78
0.01		0.004	-0.002	0.001	0.003	0	0.008	3.31	1.15	0.53	0.25	0.12	0.07	0.04	0.01		0.004	-0.002	0.001	0.003	0	0.008	0	1.49
0.01		0.003	-0.002	0.001	0.001	0	0.008	3.42	1.24	0.59	0.28	0.14	0.08	0.04	0.02		0.003	-0.002	0.001	0.001	0	0.008	0	2.41
0.02		0.003	-0.001	0.001	0	0	0.007	3.53	1.34	0.65	0.32	0.16	0.09	0.05	0.02		0.003	-0.001	0.001	0	0	0.007	0	2.49
0.02		0.002	0	0.001	-0.002	0	0.005	3.63	1.45	0.72	0.36	0.18	0.1	0.05	0.02		0.002	0	0.001	-0.002	0	0.005	0	2.5
0.02		0	0	0.002	-0.003	-0.001	0.004	3.72	1.56	0.79	0.4	0.2	0.11	0.06	0.02		0	0	0.002	-0.003	-0.001	0.004	0	2.28
0.02	0.009	0.001	0.001	0.003	-0.003	-0.001	0.003	3.81	1.67	0.86	0.45	0.22	0.12	0.06	0.03	0.009	0.001	0.001	0.003	-0.003	-0.001	0.003	0	2.01
0.03	0.01	0.002	0.001	0.003	-0.003	-0.001	0.002	3.9	1.77	0.93	0.5	0.24	0.13	0.07	0.03	0.01	0.002	0.001	0.003	-0.003	-0.001	0.002	0	2.56
0.03	0.01	0.003	0.001	0.004	-0.003	-0.001	0.001	3.99	1.88	1.01	0.55	0.27	0.14	0.07	0.03	0.01	0.003	0.001	0.004	-0.003	-0.001	0.001	0	2.62
0.03	0.01	0.003	0.002	0.004	-0.002	0	0.001	4.08	1.97	1.08	0.6	0.3	0.15	0.08										

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.42	0.95	0.57	0.3	0.13	0.05	0.008	0.005	5.68	4.39	3.81	3.33	2.86	2.39	1.88	1.37	0.91	0.55	0.28	0.12	0.05	0.008	0.005	0	2.06
1.58	1.08	0.66	0.35	0.15	0.06	0.01	0.006	5.7	4.45	3.9	3.46	3.01	2.55	2.04	1.52	1.03	0.63	0.33	0.14	0.06	0.01	0.006	0	1.59
1.73	1.2	0.75	0.4	0.18	0.07	0.01	0.007	5.7	4.49	3.96	3.55	3.13	2.69	2.19	1.65	1.14	0.71	0.38	0.17	0.06	0.01	0.007	0	2.41
1.86	1.31	0.83	0.45	0.21	0.08	0.01	0.008	5.68	4.5	4	3.61	3.22	2.8	2.31	1.77	1.25	0.79	0.43	0.19	0.07	0.01	0.008	0	2.52
1.97	1.41	0.91	0.51	0.23	0.09	0.02	0.009	5.63	4.49	4	3.64	3.26	2.87	2.4	1.87	1.34	0.86	0.48	0.22	0.08	0.02	0.009	0	2.4
2.06	1.5	0.98	0.56	0.26	0.1	0.02	0.009	5.58	4.46	3.99	3.64	3.29	2.91	2.46	1.94	1.41	0.93	0.53	0.25	0.09	0.02	0.009	0	1.52
2.12	1.56	1.04	0.6	0.29	0.11	0.03	0.01	5.52	4.43	3.97	3.63	3.29	2.93	2.5	2	1.47	0.98	0.57	0.27	0.1	0.02	0.01	0	2.2
2.17	1.62	1.09	0.65	0.31	0.12	0.03	0.01	5.47	4.4	3.95	3.61	3.28	2.94	2.52	2.04	1.52	1.03	0.61	0.3	0.11	0.03	0.01	0	2.38
2.2	1.66	1.14	0.69	0.34	0.14	0.04	0.01	5.45	4.39	3.94	3.61	3.28	2.94	2.54	2.06	1.56	1.07	0.64	0.32	0.13	0.03	0.01	0	2.41
2.22	1.69	1.18	0.72	0.37	0.15	0.04	0.01	5.45	4.4	3.95	3.61	3.28	2.94	2.55	2.08	1.59	1.1	0.67	0.34	0.14	0.04	0.01	0	2.4
2.24	1.72	1.21	0.75	0.39	0.16	0.05	0.01	5.48	4.43	3.98	3.63	3.29	2.95	2.56	2.1	1.61	1.13	0.7	0.36	0.15	0.05	0.01	0	2.16
2.26	1.74	1.23	0.77	0.41	0.17	0.06	0.01	5.53	4.48	4.01	3.67	3.31	2.96	2.57	2.11	1.63	1.15	0.72	0.38	0.16	0.05	0.01	0	1.69
2.27	1.76	1.25	0.79	0.42	0.19	0.06	0.01	5.58	4.52	4.06	3.7	3.34	2.97	2.57	2.12	1.64	1.17	0.74	0.39	0.17	0.06	0.01	0	2.46
2.28	1.77	1.27	0.81	0.44	0.2	0.07	0.02	5.63	4.57	4.1	3.74	3.36	2.99	2.58	2.13	1.65	1.18	0.75	0.41	0.18	0.06	0.01	0	2.54
2.29	1.78	1.28	0.82	0.45	0.2	0.07	0.02	5.68	4.62	4.15	3.77	3.38	3	2.59	2.14	1.66	1.19	0.77	0.42	0.19	0.07	0.01	0	2.06
2.3	1.8	1.3	0.84	0.46	0.21	0.08	0.02	5.72	4.68	4.2	3.81	3.41	3.02	2.6	2.14	1.67	1.21	0.78	0.43	0.19	0.07	0.02	0	2.28
2.32	1.81	1.31	0.85	0.47	0.22	0.08	0.02	5.77	4.73	4.24	3.85	3.44	3.04	2.61	2.15	1.68	1.22	0.79	0.44	0.2	0.07	0.02	0	2.4
2.33	1.82	1.32	0.86	0.48	0.22	0.08	0.02	5.81	4.77	4.29	3.88	3.47	3.05	2.62	2.16	1.69	1.22	0.8	0.44	0.2	0.07	0.02	0	2.33
2.34	1.84	1.33	0.87	0.49	0.23	0.08	0.02	5.86	4.82	4.33	3.92	3.49	3.07	2.64	2.18	1.7	1.23	0.8	0.45	0.21	0.07	0.02	0	2.03
2.36	1.85	1.34	0.88	0.49	0.23	0.08	0.02	5.89	4.86	4.37	3.95	3.52	3.09	2.65	2.19	1.71	1.24	0.81	0.45	0.21	0.07	0.02	0	1.21
2.37	1.86	1.35	0.88	0.49	0.23	0.08	0.02	5.92	4.89	4.4	3.98	3.54	3.1	2.66	2.19	1.72	1.24	0.81	0.45	0.21	0.07	0.02	0	2.26
2.38	1.87	1.35	0.88	0.5	0.23	0.08	0.02	5.93	4.91	4.42	3.99	3.55	3.11	2.66	2.2	1.73	1.25	0.81	0.45	0.21	0.07	0.02	0	2.48
2.38	1.87	1.36	0.88	0.5	0.23	0.08	0.02	5.93	4.92	4.43	4	3.55	3.11	2.66	2.2	1.73	1.25	0.81	0.45	0.21	0.07	0.02	0	2.36
2.39	1.88	1.36	0.88	0.49	0.23	0.08	0.02	5.91	4.92	4.43	4	3.55	3.11	2.66	2.2	1.73	1.25	0.81	0.45	0.21	0.07	0.02	0	1.8
2.4	1.89	1.37	0.88	0.49	0.23	0.08	0.02	5.88	4.9	4.42	3.99	3.54	3.1	2.65	2.2	1.73	1.25	0.81	0.45	0.21	0.07	0.01	0	2.02
2.41	1.9	1.37	0.88	0.49	0.22	0.08	0.01	5.85	4.88	4.4	3.98	3.53	3.09	2.64	2.19	1.73	1.25	0.8	0.44	0.2	0.07	0.01	0	2.46
2.42	1.9	1.38	0.88	0.48	0.22	0.07	0.01	5.82	4.86	4.38	3.97	3.52	3.08	2.63	2.18	1.72	1.25	0.8	0.43	0.2	0.06	0.01	0	2.6
2.42	1.91	1.38	0.87	0.47	0.21	0.07	0.01	5.78	4.83	4.36	3.95	3.51	3.07	2.62	2.17	1.71	1.24	0.78	0.42	0.19	0.06	0.01	93.8	2.55
2.44	1.92	1.38	0.87	0.46	0.21	0.06	0.006	5.77	4.81	4.34	3.94	3.5	3.07	2.62	2.17	1.71	1.23	0.78	0.41	0.18	0.05	0.006	0	1.46
2.45	1.92	1.38	0.86	0.45	0.2	0.06	0.003	5.75	4.79	4.33	3.92	3.49	3.06	2.62	2.17	1.71	1.23	0.77	0.4	0.18	0.05	0.003	0	2.59
2.46	1.92	1.38	0.85	0.44	0.19	0.06	0.002	5.73	4.76	4.3	3.9	3.47	3.05	2.61	2.16	1.7	1.22	0.76	0.39	0.17	0.05	0.002	38.4	2.73
2.44	1.91	1.36	0.84	0.42	0.19	0.05	0.001	5.68	4.71	4.25	3.85	3.44	3.01	2.58	2.14	1.68	1.2	0.74	0.38	0.17	0.05	0.001	0	2.61
2.39	1.86	1.32	0.8	0.4	0.17	0.05	0.002	5.6	4.63	4.17	3.78	3.37	2.95	2.52	2.09	1.63	1.16	0.71	0.36	0.16	0.05	0.002	0	2.16
2.31	1.79	1.25	0.75	0.37	0.16	0.05	0.003	5.49	4.52	4.07	3.68	3.28	2.87	2.45	2.02	1.57	1.11	0.67	0.33	0.14	0.04	0.003	0	1.88
2.21	1.7	1.18	0.69	0.33	0.14	0.04	0.003	5.36	4.4	3.95	3.57	3.17	2.77	2.36	1.93	1.49	1.04	0.62	0.3	0.13	0.04	0.003	0	1.35
2.09	1.6	1.09	0.63	0.29	0.12	0.04	0.003	5.23	4.27	3.82	3.45	3.06	2.66	2.26	1.84	1.41	0.97	0.56	0.26	0.11	0.03	0.003	0	2.09
1.98	1.49	1	0.57	0.25	0.1	0.03	0.002	5.11	4.15	3.71	3.34	2.95	2.56	2.16	1.75	1.32	0.89	0.51	0.23	0.09	0.03	0.002	97.1	2.43
1.88	1.4	0.92	0.51	0.22	0.09	0.03	0.001	5.03	4.06	3.62	3.25	2.86	2.48	2.08	1.67	1.24	0.83	0.46	0.2	0.08	0.03	0.001	0	2.68
1.79	1.31	0.85	0.46	0.2	0.08	0.02	0	4.96	3.99	3.54	3.18	2.79	2.4	2	1.59	1.17	0.76	0.42	0.18	0.07	0.02	0	0	2.47
1.7	1.23	0.78	0.41	0.17	0.07	0	0	4.92	3.93	3.49	3.12	2.73	2.34	1.93	1.52	1.1	0.7	0.37	0.16	0.06	0	0	517.9	1.75
1.62	1.15	0.72	0.37	0.15	0.06	0.001	0.001	4.9	3.9	3.45	3.07	2.68	2.28	1.87	1.45	1.04	0.65	0.34	0.14	0.06	0.001	0	69.6	2.47
1.54	1.07	0.66	0.33	0.14	0.05	0.001	0.001	4.89	3.87	3.41	3.04	2.63	2.23	1.81	1.39	0.97	0.6	0.3	0.12	0.05	0.001	0	0	2.51
1.45	0.99	0.59	0.3	0.12	0.04	0.001	0.001	4.88	3.85	3.38	3	2.58	2.17	1.74	1.31	0.91	0.54	0.27	0.11	0.04	0.001	0	0	2.16
1.36	0.91	0.54	0.26	0.1	0.04	0.001	0.001	4.86	3.82	3.35	2.95	2.53	2.1	1.67	1.24	0.84	0.49	0.24	0.1	0.03	0.001	0	0	2.44
1.26	0.83	0.48	0.23	0.09	0.03	0.001	0.001	4.85	3.79	3.31	2.9	2.46	2.03	1.59	1.16	0.77	0.45	0.22	0.09	0.03	0.001	0	0	2.47
1.16	0.76	0.43	0.21	0.08	0.03	0.01	0	4.83	3.76	3.26	2.84	2.39	1.94	1.5	1.07	0.7	0.4	0.19	0.08	0.03	0.01	0	0	2.28
1.06	0.68	0.39	0.19	0.08	0.03	0.01	0.002	4.81	3.72	3.21	2.77	2.31	1.85	1.4	0.98	0.63	0.36	0.18	0.07	0.03	0.01	0.002	0	1.91
0.96	0.6	0.34	0.17	0.07	0.03	0.01	0.003	4.77	3.67	3.14	2.69	2.22	1.75	1.3	0.89	0.56	0.32	0.16	0.07	0.03	0.01	0.003	0	2.11
0.86	0.54	0.31	0.16	0.07	0.03	0.01	0.004	4.74	3.61	3.07	2.6	2.11	1.64	1.2	0.81	0.5	0.29	0.15	0.07	0.03	0.01	0.004	0	2.28
0.76	0.47	0.27	0.14	0.06	0.03	0.01	0.005	4.69	3.54	2.98	2.5	1.99	1.52	1.08	0.72	0.44	0.25	0.13	0.06	0.03	0.01	0.005	0	2.26
0.67	0.41	0.24	0.13	0.06	0.03	0.01	0.006	4.63	3.47	2.89	2.38	1.87	1.4	0.98	0.64	0.39	0.22	0.12	0.06	0.03	0.01	0.006	0	1.74
0.59	0.36	0.21	0.12	0.06	0.03	0.01	0.006	4.58	3.39	2.79	2.27	1.75	1.28	0.88	0.56	0.34	0.2	0.11	0.06	0.03	0.01	0.006	0	2
0.53	0.33	0.19	0.11	0.06	0.03	0.02	0.007	4.55	3.32	2.7	2.16	1.63	1.17	0.79	0.5	0.31	0.18	0.1	0.05	0.03	0.01	0.007	0	2.31
0.49	0.3	0.19	0.11	0.06	0.04	0.02	0.008	4.53	3.26	2.62	2.06	1.53	1.08	0.72	0.46	0.29	0.18	0.1	0.06	0.04	0.02	0.008	0	2.27
0.46																								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
		0.008	-0.004	0.004	0.008	0.002	0.005	5.03	3.02	2.05	1.32	0.75	0.37	0.15			0.008	-0.004	0.004	0.008	0.002	0.005	0	2.52
0.06		0.006	-0.006	0.003	0.008	0.002	0.005	5.07	3.15	2.2	1.47	0.88	0.46	0.2			0.006	-0.006	0.003	0.008	0.002	0.005	0	2.39
0.09		0.004	-0.008	0.002	0.007	0.002	0.006	5.11	3.29	2.38	1.65	1.03	0.58	0.27	0.09		0.004	-0.008	0.002	0.007	0.002	0.006	0	2.16
0.13	0.03	0	-0.01	0.001	0.007	0.002	0.006	5.17	3.47	2.59	1.86	1.22	0.72	0.36	0.13	0.03	0	-0.01	0.001	0.007	0.002	0.006	0	1.76
0.19	0.05	0.005	-0.01	-0.001	0.007	0.002	0.006	5.26	3.68	2.84	2.11	1.45	0.89	0.46	0.19	0.05	0.005	-0.01	-0.001	0.007	0.002	0.006	0	2.53
0.25	0.08	0.01	-0.01	-0.003	0.006	0.002	0.007	5.39	3.92	3.13	2.41	1.71	1.09	0.59	0.26	0.08	0.01	-0.01	-0.003	0.006	0.002	0.007	101.3	2.72
0.33	0.11	0.02	-0.01	-0.004	0.006	0.002	0.007	5.57	4.2	3.44	2.73	2	1.32	0.74	0.34	0.11	0.01	-0.01	-0.004	0.006	0.002	0.007	0	2.66
0.42	0.16	0.03	-0.008	-0.004	0.005	0.002	0.007	5.77	4.49	3.77	3.06	2.31	1.56	0.91	0.44	0.16	0.03	-0.008	-0.004	0.005	0.002	0.007	0	2.02
0.52	0.2	0.05	-0.005	-0.004	0.005	0.001	0.007	5.97	4.78	4.09	3.39	2.61	1.82	1.09	0.54	0.21	0.05	-0.005	-0.004	0.005	0.001	0.007	0	1.93
0.62	0.25	0.06	-0.001	-0.003	0.004	0.001	0.008	6.14	5.02	4.37	3.68	2.9	2.06	1.27	0.65	0.26	0.06	-0.001	-0.003	0.004	0.001	0.008	256.9	2.67
0.72	0.31	0.08	0.003	-0.003	0.003	0.001	0.008	6.26	5.22	4.6	3.94	3.16	2.29	1.45	0.76	0.32	0.08	0.003	-0.003	0.003	0.001	0.008	61.6	2.64
0.82	0.36	0.11	0.01	-0.002	0.003	0	0.007	6.33	5.36	4.79	4.14	3.37	2.5	1.61	0.88	0.38	0.11	0.01	-0.002	0.003	0	0.007	90.8	2.38
0.92	0.42	0.13	0.01	0	0.002	-0.001	0.007	6.37	5.46	4.92	4.3	3.55	2.68	1.77	0.99	0.44	0.14	0.01	0	0.002	-0.001	0.007	0	1.58
1.02	0.48	0.16	0.02	0.001	0.002	-0.001	0.007	6.38	5.52	5	4.42	3.69	2.83	1.9	1.09	0.5	0.16	0.02	0.001	0.002	-0.001	0.007	171	2.37
1.11	0.54	0.19	0.03	0.003	0.002	-0.001	0.008	6.37	5.55	5.05	4.5	3.8	2.95	2.02	1.18	0.56	0.19	0.03	0.003	0.002	-0.001	0.008	0	2.61
1.18	0.59	0.22	0.04	0.004	0.002	0	0.008	6.37	5.56	5.08	4.55	3.88	3.05	2.12	1.27	0.62	0.22	0.04	0.004	0.002	0	0.008	0	2.48
1.25	0.64	0.24	0.05	0.005	0.002	0	0.007	6.36	5.57	5.1	4.58	3.93	3.12	2.2	1.34	0.67	0.25	0.05	0.005	0.002	0	0.007	0	1.87
1.3	0.68	0.27	0.06	0.007	0.003	0.001	0.007	6.37	5.56	5.1	4.6	3.96	3.16	2.25	1.39	0.71	0.27	0.06	0.007	0.003	0.001	0.007	0	2.24
1.33	0.71	0.28	0.07	0.009	0.003	0.002	0.005	6.36	5.55	5.09	4.59	3.96	3.18	2.29	1.43	0.74	0.29	0.06	0.009	0.003	0.002	0.005	0	2.5
1.35	0.72	0.3	0.07	0.009	0.002	0.003	0.006	6.34	5.52	5.06	4.56	3.94	3.18	2.29	1.44	0.76	0.3	0.07	0.009	0.002	0.003	0.006	0	2.51
1.35	0.73	0.3	0.07	0.008	0	0.004	0.007	6.29	5.47	5.01	4.51	3.9	3.14	2.27	1.43	0.76	0.31	0.07	0.008	0	0.004	0.007	0	2.27
1.33	0.72	0.3	0.07	0.008	-0.003	0.005	0.008	6.23	5.41	4.94	4.45	3.84	3.1	2.24	1.42	0.76	0.31	0.07	0.008	-0.003	0.005	0.008	0	1.87
1.32	0.72	0.3	0.08	0.01	-0.004	0.005	0.007	6.16	5.34	4.87	4.38	3.78	3.05	2.2	1.4	0.75	0.31	0.08	0.01	-0.004	0.005	0.007	0	1.93
1.3	0.71	0.31	0.08	0.01	-0.004	0.004	0.006	6.09	5.27	4.8	4.31	3.71	2.99	2.16	1.37	0.74	0.31	0.08	0.01	-0.004	0.004	0.006	0	2.36
1.28	0.7	0.31	0.09	0.01	-0.004	0.004	0.004	6.03	5.21	4.73	4.25	3.66	2.94	2.12	1.34	0.73	0.31	0.09	0.01	-0.004	0.004	0.004	0	2.43
1.26	0.69	0.31	0.1	0.02	-0.004	0.003	0.003	5.98	5.15	4.68	4.2	3.61	2.9	2.08	1.32	0.72	0.31	0.09	0.02	-0.004	0.003	0.003	172.1	2.35
1.24	0.68	0.3	0.1	0.02	-0.004	0.003	0.003	5.95	5.11	4.63	4.16	3.57	2.87	2.06	1.3	0.7	0.31	0.1	0.02	-0.004	0.003	0.003	0	1.86
1.23	0.68	0.3	0.1	0.02	-0.004	0.002	0.003	5.94	5.08	4.6	4.13	3.54	2.84	2.03	1.28	0.69	0.31	0.1	0.02	-0.004	0.002	0.003	0	1.63
1.23	0.67	0.3	0.1	0.02	-0.006	0.002	0.004	5.94	5.06	4.57	4.11	3.52	2.82	2.02	1.27	0.69	0.31	0.1	0.02	-0.006	0.002	0.004	0	1.8
1.22	0.67	0.3	0.1	0.02	-0.006	0.002	0.004	5.94	5.05	4.55	4.08	3.5	2.8	2	1.26	0.68	0.3	0.1	0.02	-0.006	0.002	0.004	0	1.83
1.22	0.67	0.3	0.1	0.02	-0.007	0.002	0.005	5.93	5.02	4.53	4.06	3.48	2.78	1.99	1.25	0.67	0.3	0.1	0.02	-0.007	0.002	0.005	0	1.53
1.21	0.66	0.3	0.11	0.02	-0.009	0.002	0.005	5.92	5	4.5	4.03	3.45	2.75	1.96	1.23	0.67	0.3	0.1	0.02	-0.009	0.002	0.005	0	1.48
1.2	0.66	0.3	0.11	0.02	-0.009	0.002	0.005	5.9	4.96	4.46	3.99	3.41	2.72	1.94	1.21	0.66	0.3	0.11	0.02	-0.009	0.002	0.005	0	1.54
1.18	0.65	0.3	0.11	0.02	-0.008	0.003	0.004	5.86	4.92	4.42	3.95	3.37	2.68	1.9	1.19	0.64	0.3	0.11	0.02	-0.008	0.003	0.004	201.1	1.95
1.16	0.63	0.3	0.11	0.02	-0.007	0.003	0.003	5.81	4.87	4.37	3.9	3.32	2.63	1.86	1.16	0.63	0.29	0.11	0.02	-0.007	0.003	0.003	0	2.23
1.14	0.62	0.3	0.12	0.03	-0.006	0.003	0.001	5.77	4.82	4.32	3.85	3.26	2.58	1.82	1.13	0.61	0.29	0.11	0.02	-0.006	0.003	0.001	118	2.32
1.11	0.61	0.3	0.12	0.03	-0.003	0	0	5.73	4.78	4.28	3.8	3.22	2.53	1.78	1.1	0.6	0.29	0.11	0.03	-0.003	0	0	0	1.89
1.09	0.6	0.29	0.12	0.03	0.001	0.001	0.001	5.7	4.76	4.25	3.76	3.17	2.49	1.74	1.07	0.58	0.28	0.12	0.03	0.001	0.001	0	0	2.03
1.07	0.59	0.29	0.12	0.04	0.007	0.001	0.001	5.69	4.74	4.23	3.74	3.14	2.46	1.71	1.05	0.57	0.28	0.12	0.04	0.007	0.001	144.5	0	2.36
1.06	0.58	0.29	0.12	0.04	0.01	0	0	5.7	4.75	4.23	3.73	3.12	2.43	1.69	1.03	0.56	0.27	0.12	0.04	0.009	0	0	0	2.51
1.05	0.57	0.28	0.12	0.04	0.01	0.005	0	5.73	4.78	4.25	3.74	3.12	2.42	1.67	1.01	0.55	0.27	0.12	0.04	0.01	0.005	0	0	2.16
1.05	0.57	0.28	0.12	0.04	0.01	0.004	0.001	5.78	4.81	4.27	3.75	3.12	2.41	1.66	1	0.54	0.26	0.11	0.03	0.01	0.004	0.001	0	2.02
1.04	0.56	0.27	0.11	0.03	0.01	0.002	0.001	5.83	4.84	4.3	3.77	3.13	2.41	1.65	1	0.54	0.26	0.11	0.03	0.009	0.002	0.001	0	1.6
1.04	0.56	0.27	0.11	0.03	0.01	0.001	0.001	5.88	4.88	4.32	3.78	3.13	2.4	1.64	0.99	0.53	0.25	0.1	0.03	0.009	0.001	0.001	0	1.99
1.04	0.56	0.26	0.1	0.03	0.01	0.001	0.001	5.92	4.9	4.34	3.78	3.13	2.39	1.63	0.98	0.52	0.24	0.1	0.03	0.009	0.001	0.001	0	1.76
1.03	0.55	0.26	0.1	0.03	0.01	0.001	0.001	5.95	4.91	4.34	3.78	3.12	2.38	1.62	0.97	0.51	0.24	0.09	0.02	0.009	0.001	0.001	0	2.05
1.03	0.55	0.25	0.09	0.02	0.01	0.001	0.001	5.96	4.92	4.34	3.77	3.1	2.36	1.6	0.96	0.51	0.23	0.09	0.02	0.009	0.001	0.001	0	1.95
1.02	0.54	0.25	0.09	0.02	0.01	0.001	0.001	5.97	4.91	4.33	3.75	3.08	2.34	1.59	0.95	0.5	0.23	0.08	0.02	0.009	0.001	0.001	0	2.35
1.02	0.54	0.24	0.09	0.02	0.01	0.002	0.001	5.97	4.91	4.31	3.74	3.06	2.32	1.57	0.94	0.49	0.22	0.08	0.02	0.009	0.002	0.001	0	2.2
1.01	0.53	0.23	0.08	0.02	0.01	0.001	0.001	5.96	4.89	4.29	3.72	3.04	2.31	1.56	0.93	0.48	0.21	0.07	0.02	0.009	0.001	0.001	0	1.64
1.01	0.52	0.22	0.07	0.02	0.008	0.001	0	5.95	4.87	4.27	3.69	3.02	2.29	1.55	0.92	0.47	0.2	0.06	0.01	0.008	0.001	0	0	2.01
1.01	0.51	0.21	0.06	0.01	0.006	0.001	0.001	5.93	4.85	4.25	3.67	3	2.28	1.54	0.91	0.46	0.19	0.06	0.01	0.006	0.001	0	0	2.13
1	0.5	0.2	0.06	0.01	0.004	0.001	0.001	5.9	4.82	4.22	3.65	2.99	2.26	1.53	0.9	0.45	0.18	0.05	0.01	0.004	0.001	0	0	2.18
1	0.49																							

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.28	0.16	0.1	0.06	0.03	0.01	0.006	0.002	4.95	3.22	2.43	1.81	1.25	0.81	0.48	0.26	0.14	0.09	0.05	0.02	0.01	0.006	0.002	0	2.28
0.27	0.16	0.1	0.05	0.03	0.02	0.007	0.003	4.84	3.06	2.27	1.68	1.16	0.75	0.45	0.25	0.14	0.09	0.05	0.02	0.01	0.007	0.003	0	1.18
0.27	0.16	0.1	0.05	0.03	0.02	0.007	0.003	4.72	2.91	2.13	1.57	1.08	0.7	0.43	0.25	0.14	0.09	0.05	0.02	0.01	0.007	0.003	0	2.22
0.26	0.16	0.09	0.05	0.02	0.01	0.006	0.003	4.6	2.75	2	1.48	1.02	0.67	0.41	0.24	0.14	0.08	0.04	0.02	0.01	0.006	0.003	0	2.33
0.26	0.15	0.08	0.04	0.02	0.01	0.005	0.002	4.46	2.59	1.87	1.38	0.96	0.64	0.4	0.23	0.14	0.08	0.04	0.02	0.01	0.005	0.002	0	1.91
0.24	0.14	0.08	0.03	0.02	0.01	0.003	0.002	4.29	2.43	1.74	1.29	0.9	0.6	0.38	0.22	0.13	0.07	0.03	0.01	0.01	0.003	0.002	0	1.31
0.23	0.13	0.07	0.03	0.01	0.01	0.002	0.001	4.11	2.26	1.61	1.19	0.84	0.57	0.36	0.21	0.12	0.06	0.02	0.01	0.009	0.002	0.001	76.6	1.92
0.21	0.12	0.06	0.02	0.01	0.009	0.001	0.001	3.91	2.08	1.48	1.1	0.77	0.52	0.33	0.19	0.11	0.05	0.02	0.01	0.009	0.001	0.001	0	2.08
0.19	0.11	0.05	0.02	0.009	0.008	0.001	0.001	3.69	1.9	1.34	0.99	0.7	0.48	0.3	0.17	0.09	0.04	0.01	0.009	0.008	0.001	0.001	0	2.03
0.17	0.09	0.04	0.01	0.007	0.008	0.001	0.001	3.47	1.71	1.2	0.89	0.63	0.43	0.27	0.15	0.08	0.04	0.01	0.007	0.008	0.001	0.001	91.8	2.03
0.15	0.08	0.04	0.01	0.006	0.008	0.001	0.001	3.26	1.53	1.07	0.78	0.55	0.37	0.23	0.13	0.07	0.03	0.01	0.006	0.008	0.001	0.001	0	2.38
0.12	0.07	0.03	0.01	0.005	0.008	0.001	0.001	3.05	1.36	0.93	0.68	0.48	0.32	0.2	0.11	0.06	0.02	0.01	0.005	0.008	0.001	0.001	0	2.29
0.1	0.05	0.02	0.01	0.003	0.009	0.001	0.001	2.87	1.2	0.81	0.58	0.4	0.27	0.16	0.09	0.05	0.02	0.01	0.003	0.009	0.001	0.001	0	1.65
0.08	0.04	0.02	0.01	0.002	0.008	0.001	0.001	2.69	1.05	0.69	0.48	0.33	0.22	0.13	0.07	0.04	0.01	0.01	0.002	0.008	0.001	0.001	0	1.96
0.06	0.03	0.01	0.008	0.001	0.008	0.001	0	2.54	0.92	0.58	0.39	0.27	0.17	0.1	0.05	0.03	0.01	0.008	0.001	0.008	0.001	0	0	2.11
0.05	0.03	0.01	0.007	0.002	0.007	0	0	2.39	0.8	0.48	0.32	0.21	0.13	0.08	0.04	0.02	0.01	0.007	0.002	0.007	0	0	0	2.3
0.03	0.02	0.01	0.006	0.002	0.006	-0.001	0	2.26	0.7	0.39	0.25	0.16	0.1	0.06	0.03	0.02	0.009	0.006	0.002	0.006	-0.001	0	0	2.27
0.02	0.01	0.009	0.005	0.003	0.005	-0.001	0.001	2.14	0.61	0.32	0.19	0.12	0.07	0.04	0.02	0.01	0.009	0.005	0.003	0.005	-0.001	0.001	62.5	1.67
0.02	0.01	0.008	0.005	0.003	0.004	-0.002	0.001	2.02	0.53	0.26	0.14	0.08	0.04	0.03	0.01	0.01	0.008	0.005	0.003	0.004	-0.002	0.001	0	1.44
0.01	0.01	0.007	0.005	0.004	0.003	-0.002	0.002	1.91	0.47	0.21	0.1	0.05	0.02	0.01	0.01	0.01	0.007	0.005	0.004	0.003	-0.002	0.002	0	1.9
0.01	0.01	0.007	0.006	0.005	0.003	-0.003	0.003	1.81	0.42	0.17	0.08	0.03	0.01	0.009	0.008	0.01	0.007	0.006	0.005	0.003	-0.003	0.003	0	2.07
0.006	0.008	0.007	0.006	0.006	0.004	-0.003	0.003	1.72	0.39	0.15	0.06	0.02	0.004	0.004	0.006	0.008	0.007	0.006	0.006	0.004	-0.003	0.003	0	1.74
0.003	0.006	0.006	0.005	0.005	0.004	-0.004	0.003	1.66	0.38	0.15	0.06			0.001	0.003	0.006	0.006	0.005	0.005	0.004	-0.004	0.003	0	1.97
0.002	0.004	0.005	0.004	0.003	0.003	-0.005	0.004	1.62	0.4	0.17	0.07	0.02		0.002	0.002	0.004	0.005	0.004	0.003	0.003	-0.005	0.004	0	2.03
0.002	0.003	0.004	0.002	0	0.002	-0.005	0.004	1.63	0.45	0.21	0.1	0.04	0.01	0.002	0.002	0.003	0.004	0.002	0	0.002	-0.005	0.004	0	1.53
0.007	0.004	0.003	0	-0.002	0.001	-0.005	0.005	1.68	0.53	0.29	0.16	0.08	0.03	0.01	0.007	0.004	0.003	0	-0.002	0.001	-0.005	0.005	0	2.12
0.01	0.009	0.004	0	-0.002	0.001	-0.004	0.006	1.8	0.66	0.4	0.24	0.14	0.06	0.03	0.01	0.009	0.004	0	-0.002	0.001	-0.004	0.006	249.8	2.46
0.03	0.01	0.007	0.001	-0.002	0.001	-0.004	0.006	1.97	0.85	0.56	0.36	0.22	0.12	0.06	0.03	0.01	0.007	0.001	-0.002	0.001	-0.004	0.006	0	2.29
0.06	0.02	0.01	0.003	-0.002	0	-0.003	0.006	2.22	1.09	0.76	0.52	0.34	0.2	0.11	0.05	0.02	0.009	0.003	-0.002	0	-0.003	0.006	0	1.81
0.09	0.04	0.01	0.004	-0.001	0	-0.003	0.005	2.53	1.39	1.01	0.73	0.49	0.3	0.16	0.08	0.03	0.01	0.004	-0.001	0	-0.003	0.005	0	2.21
0.13	0.05	0.02	0.007	0	0	-0.002	0.004	2.91	1.74	1.32	0.97	0.67	0.42	0.24	0.12	0.05	0.01	0.007	0	0	-0.002	0.004	262.7	2.02
0.18	0.07	0.02	0.01	0.003	0	-0.002	0.002	3.33	2.15	1.67	1.26	0.89	0.57	0.33	0.16	0.06	0.02	0.009	0.003	0	-0.002	0.002	0	1.71
0.23	0.1	0.03	0.01	0.006	0.002	0	0.001	3.78	2.58	2.05	1.58	1.14	0.75	0.43	0.21	0.09	0.03	0.01	0.006	0.002	0	0.001	0	1.42
0.29	0.11	0.03	0.01	0.005	0	0	0.001	4.24	3.03	2.46	1.92	1.4	0.93	0.54	0.26	0.1	0.03	0.01	0.005	0	0.001	0	0	1.94
0.34	0.13	0.04	0.01	0.004	0.001		0	4.69	3.48	2.87	2.27	1.67	1.12	0.66	0.32	0.12	0.03	0.01	0.004	0.001		0	0	2.35
0.4	0.15	0.04	0.01	0.004	0		0.001	5.1	3.92	3.27	2.62	1.95	1.33	0.78	0.38	0.14	0.04	0.01	0.004	0		0.001	0	2.38
0.46	0.17	0.04	0.01	0.004	0.001		0.001	5.47	4.31	3.64	2.95	2.23	1.53	0.91	0.44	0.16	0.04	0.01	0.004	0.001		0.001	0	1.92
0.52	0.19	0.05	0.01	0.004	0.002		0.001	5.79	4.67	3.97	3.26	2.48	1.72	1.02	0.49	0.18	0.04	0.01	0.004	0.002		0.001	0	2.49
0.57	0.21	0.05	0.01	0.003	0.002		0.001	6.04	4.95	4.25	3.52	2.7	1.88	1.13	0.54	0.19	0.04	0.01	0.003	0.002		0.001	0	2.62
0.61	0.22	0.05	0.01	0.003	0.002	-0.001	0	6.24	5.17	4.47	3.73	2.88	2.02	1.21	0.58	0.2	0.04	0.01	0.003	0.002	-0.001	0	421.1	2.3
0.63	0.22	0.05	0.009	0.002	0.003	-0.002	0.001	6.37	5.33	4.62	3.87	3.01	2.12	1.27	0.61	0.21	0.04	0.009	0.002	0.003	-0.002	0.001	0	1.69
0.64	0.22	0.04	0.005	0.001	0.003	-0.002	0.003	6.45	5.41	4.7	3.95	3.08	2.18	1.3	0.61	0.21	0.04	0.005	0.001	0.003	-0.002	0.003	0	1.85
0.63	0.21	0.04	0.003	0	0.003	-0.002	0.004	6.48	5.43	4.72	3.97	3.1	2.19	1.3	0.61	0.2	0.03	0.003	0	0.003	-0.002	0.004	0	1.81
0.61	0.2	0.03	0	-0.001	0.004	-0.002	0.005	6.47	5.4	4.68	3.93	3.06	2.15	1.27	0.59	0.19	0.03	0	-0.001	0.004	-0.002	0.005	0	2.11
0.57	0.18	0.02	-0.003	-0.002	0.005	-0.001	0.006	6.42	5.32	4.59	3.83	2.97	2.07	1.21	0.55	0.17	0.02	-0.003	-0.002	0.005	-0.001	0.006	0	2.05
0.52	0.15	0.02	-0.006	-0.002	0.006	-0.001	0.007	6.34	5.2	4.45	3.69	2.83	1.95	1.12	0.5	0.15	0.01	-0.006	-0.002	0.006	-0.001	0.007	0	1.16
0.45	0.13	0.01	-0.007	-0.002	0.006	0	0.008	6.24	5.05	4.28	3.51	2.65	1.8	1.01	0.44	0.12	0.01	-0.007	-0.002	0.006	0	0.008	0	2.01
0.39	0.1	0.009	-0.008	-0.002	0.007	0	0.009	6.13	4.88	4.08	3.3	2.45	1.62	0.89	0.37	0.1	0.009	-0.008	-0.002	0.007	0	0.009	185.4	1.97
0.32	0.08	0.006	-0.007	-0.002	0.006	0	0.009	6	4.69	3.86	3.07	2.23	1.44	0.76	0.31	0.07	0.006	-0.007	-0.002	0.006	0	0.009	0	1.41
0.26	0.06	0.005	-0.005	-0.002	0.005	0	0.008	5.87	4.49	3.64	2.83	2	1.25	0.64	0.25	0.06	0.005	-0.005	-0.002	0.005	0	0.008	0	1.94
0.2	0.04	0.006	-0.002	-0.002	0.004	0	0.006	5.73	4.27	3.39	2.59	1.77	1.07	0.52	0.19	0.04	0.006	-0.002	-0.002	0.004	0	0.006	0	2.12
0.15	0.03	0.006	0	-0.002	0.003	-0.001	0.003	5.58	4.04	3.14	2.33	1.54	0.89	0.41	0.14	0.03	0.006	0	-0.002	0.003	-0.001	0.003	0	1.91
0.1	0.02	0.006	0.001	-0.002	0.001	-0.001	0.002	5.41	3.78	2.87	2.07	1.32	0.73	0.32	0.1	0.02	0.006	0.001						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
			0.001	0.003	0.001	0.002	0.001	0.5	0.09	0.03	0.02	0.01					0.001	0.003	0.001	0.002	0.001	0	1.52	
			0.002	0.003	0.002	0.003	0.001	0.49	0.08	0.02	0.01						0.002	0.003	0.002	0.003	0.001	0	2.24	
			0.003	0.002	0.002	0.003	0.001	0.49	0.07	0.02	0.009						0.003	0.002	0.002	0.003	0.001	0	2.37	
			0.003	0.001	0.003	0.004	0	0.5	0.07	0.01							0.003	0.001	0.003	0.004	0	0	2	
			0.002	0	0.004	0.005	0	0.001	0.52	0.07							0.002	0	0.004	0.005	0	0.001	61.3	2.04
			0.002	0	0.005	0.006	0.001	0.002	0.56	0.08							0.002	0	0.005	0.006	0.001	0.002	0	2.36
			0.001	0	0.007	0.008	0.002	0.004	0.62	0.09							0.001	0	0.007	0.008	0.002	0.004	0	2.31
		0	0.001	0	0.007	0.009	0.002	0.005	0.69	0.1						0	0.001	0	0.007	0.009	0.002	0.005	0	1.32
0.001	0	0.001	0.001	0.008	0.009	0.003	0.006	0.79	0.12						0.001	0	0.001	0.001	0.008	0.009	0.003	0.006	0	2.33
0.001	0	0.002	0.001	0.008	0.008	0.003	0.007	0.92	0.15	0.03					0.001	0	0.002	0.001	0.008	0.008	0.003	0.007	0	2.4
0.002	0	0.002	0.002	0.007	0.008	0.003	0.007	1.06	0.19	0.04					0.002	0	0.002	0.002	0.007	0.008	0.003	0.007	0	2.19
	0.001	0.001	0.003	0.006	0.007	0.002	0.007	1.24	0.24	0.07						0.001	0.001	0.003	0.006	0.007	0.002	0.007	0	1.55
	0.002	0	0.002	0.004	0.005	0.001	0.005	1.43	0.31	0.11	0.03					0.002	0	0.002	0.004	0.005	0.001	0.005	0	1.63
		0	0.002	0.002	0.003	0	0.004	1.66	0.41	0.16	0.06						0	0.002	0.002	0.003	0	0.004	0	1.7
		0.001	0.001	0.001	0.002	0	0.003	1.91	0.53	0.23	0.1	0.03					0.001	0.001	0.001	0.002	0	0.003	0	2.21
		0.001	0	0.001	0.002	0	0.002	2.19	0.68	0.33	0.16	0.07	0.01				0.001	0	0.001	0.002	0	0.002	0	2.43
		0.001	-0.001	0	0.001	0	0.001	2.5	0.87	0.46	0.24	0.11	0.03	0.008			0.001	-0.001	0	0.001	0	0.001	0	2.33
0.003	0.001	0	-0.002	0.001	0.001	0	0.001	2.83	1.1	0.62	0.34	0.16	0.05	0.01	0.003	0.001	0	-0.002	0.001	0.001	0	0.001	0	1.92
0.007	0.002	0.001	-0.003	0.001	0	0	0	3.18	1.36	0.81	0.46	0.23	0.08	0.02	0.007	0.002	0.001	-0.003	0.001	0	0	0	0	1.89
0.01	0.004	0.002	-0.003	0.002	0	0.001	0	3.53	1.67	1.03	0.61	0.31	0.12	0.04	0.01	0.004	0.002	-0.003	0.002	0	0.001	0	0	2.46
0.01	0.006	0.002	-0.003	0.002	-0.001	0.001	0	3.89	1.99	1.29	0.78	0.41	0.17	0.05	0.01	0.006	0.002	-0.003	0.002	-0.001	0.001	0	0	2.5
0.02	0.008	0.003	-0.003	0.001	-0.002	0.002	0.001	4.24	2.35	1.57	0.97	0.51	0.22	0.07	0.02	0.008	0.003	-0.003	0.001	-0.002	0.002	0.001	0	2.36
0.03	0.009	0.002	-0.004	0	-0.002	0.002	0.001	4.57	2.7	1.86	1.18	0.63	0.28	0.09	0.02	0.009	0.002	-0.004	0	-0.002	0.002	0.001	0	1.43
0.03	0.01	0.001	-0.005	-0.001	-0.002	0.002	0.002	4.88	3.06	2.15	1.39	0.76	0.34	0.12	0.03	0.009	0.001	-0.005	-0.001	-0.002	0.002	0.002	0	2.22
0.04	0.01	0.001	-0.005	-0.003	-0.002	0.003	0.003	5.15	3.39	2.44	1.6	0.89	0.4	0.14	0.04	0.01	0.001	-0.005	-0.003	-0.002	0.003	0.003	96.4	2.29
0.05	0.01	0.001	-0.005	-0.004	-0.002	0.004	0.004	5.38	3.69	2.7	1.8	1.02	0.47	0.17	0.05	0.01	0.001	-0.005	-0.004	-0.002	0.004	0.004	0	2.13
0.07	0.01	0.001	-0.004	-0.005	-0.001	0.004	0.006	5.57	3.95	2.94	1.99	1.14	0.54	0.2	0.06	0.01	0.001	-0.004	-0.005	-0.001	0.004	0.006	0	1.72
0.08	0.02	0.001	-0.003	-0.005	0.001	0.006	0.007	5.72	4.16	3.13	2.15	1.25	0.6	0.23	0.07	0.01	0.001	-0.003	-0.005	0.001	0.006	0.007	0	1.89
0.09	0.02	0.002	-0.003	-0.005	0.002	0.007	0.009	5.83	4.31	3.27	2.27	1.34	0.66	0.26	0.08	0.02	0.002	-0.003	-0.005	0.002	0.007	0.009	0	1.85
0.1	0.02	0.002	-0.002	-0.004	0.003	0.008	0.01	5.88	4.39	3.36	2.36	1.41	0.7	0.28	0.09	0.02	0.002	-0.002	-0.004	0.003	0.008	0.01	0	1.5
0.1	0.02	0.002	-0.002	-0.004	0.003	0.009	0.002	5.89	4.41	3.4	2.4	1.45	0.73	0.3	0.1	0.02	0.002	-0.002	-0.004	0.003	0.009	0.01	0	2.17
0.11	0.02	0.002	-0.002	-0.004	0.002	0.008	0.01	5.85	4.38	3.38	2.4	1.47	0.75	0.31	0.1	0.02	0.002	-0.002	-0.004	0.002	0.008	0.009	0	2.29
0.11	0.02	0.002	-0.002	-0.003	0.001	0.008	0.01	5.77	4.32	3.33	2.38	1.47	0.76	0.32	0.1	0.02	0.002	-0.002	-0.003	0.001	0.008	0.01	0	2.25
0.12	0.03	0.001	-0.002	-0.003	0	0.006	0.007	5.69	4.23	3.26	2.33	1.45	0.76	0.32	0.11	0.02	0.001	-0.002	-0.003	0	0.006	0.007	0	1.75
0.12	0.03	0.001	-0.003	-0.002	0	0.006	0.006	5.59	4.13	3.18	2.28	1.42	0.75	0.33	0.11	0.02	0.001	-0.003	-0.002	0	0.006	0.006	0	1.92
0.12	0.03	0.002	-0.002	-0.002	-0.001	0.005	0.005	5.52	4.05	3.11	2.22	1.39	0.75	0.33	0.11	0.02	0.002	-0.002	-0.002	-0.001	0.005	0.005	0	2.54
0.12	0.03	0.002	-0.002	-0.001	-0.002	0.005	0.004	5.46	3.97	3.04	2.17	1.36	0.74	0.33	0.12	0.03	0.002	-0.002	-0.001	-0.002	0.005	0.004	0	2.58
0.13	0.03	0.002	-0.002	-0.001	-0.001	0.005	0.004	5.42	3.92	3	2.14	1.35	0.74	0.33	0.12	0.03	0.002	-0.002	-0.001	-0.001	0.005	0.004	0	1.65
0.13	0.03	0.003	-0.003	-0.001	-0.001	0.006	0.005	5.4	3.89	2.97	2.12	1.33	0.73	0.34	0.12	0.03	0.003	-0.003	-0.001	-0.001	0.006	0.005	0	2.46
0.14	0.03	0.003	-0.003	-0.002	0	0.006	0.006	5.39	3.87	2.95	2.1	1.33	0.73	0.34	0.13	0.03	0.003	-0.003	-0.002	0	0.006	0.006	0	2.61
0.14	0.04	0.003	-0.004	-0.002	0.002	0.007	0.006	5.38	3.85	2.94	2.09	1.32	0.73	0.35	0.13	0.03	0.003	-0.004	-0.002	0.002	0.007	0.006	0	2.09
0.14	0.04	0.004	-0.005	-0.002	0.003	0.006	0.006	5.36	3.83	2.92	2.08	1.31	0.73	0.35	0.13	0.03	0.004	-0.005	-0.002	0.003	0.006	0.006	0	2.22
0.14	0.04	0.004	-0.005	-0.002	0.004	0.006	0.006	5.33	3.8	2.9	2.07	1.3	0.72	0.34	0.14	0.04	0.004	-0.005	-0.002	0.004	0.006	0.006	0	2.39
0.14	0.04	0.004	-0.006	-0.002	0.005	0.005	0.005	5.28	3.77	2.87	2.05	1.29	0.72	0.34	0.13	0.04	0.004	-0.006	-0.002	0.005	0.005	0.005	198.8	1.94
0.14	0.04	0.004	-0.006	-0.001	0.005	0.005	0.004	5.24	3.74	2.85	2.04	1.28	0.71	0.34	0.13	0.04	0.004	-0.006	-0.001	0.005	0.005	0.004	0	1.66
0.14	0.04	0.005	-0.007	-0.001	0.004	0.005	0.003	5.21	3.71	2.83	2.03	1.28	0.71	0.34	0.13	0.04	0.005	-0.007	-0.001	0.004	0.005	0.003	0	1.2
0.14	0.04	0.005	-0.007	-0.001	0.003	0.005	0.003	5.19	3.7	2.82	2.02	1.27	0.7	0.34	0.13	0.04	0.005	-0.007	-0.001	0.003	0.005	0.003	0	1.7
0.14	0.04	0.004	-0.007	-0.001	0.003	0.005	0.003	5.18	3.7	2.81	2.02	1.27	0.7	0.33	0.13	0.03	0.004	-0.007	-0.001	0.003	0.005	0.003	0	1.75
0.14	0.04	0.003	-0.006	-0.001	0.002	0.005	0.003	5.19	3.7	2.81	2.02	1.27	0.7	0.33	0.13	0.03	0.003	-0.006	-0.001	0.002	0.005	0.003	0	1.65
0.14	0.03	0.002	-0.006	-0.001	0.002	0.005	0.004	5.19	3.7	2.81	2.02	1.27	0.7	0.34	0.13	0.03	0.002	-0.006	-0.001	0.002	0.005	0.004	0	1.99
0.14	0.03	0.002	-0.006	-0.001	0.002	0.005	0.004	5.2	3.69	2.8	2.01	1.27	0.7	0.34	0.13	0.03	0.002	-0.006	-0.001	0.002	0.005	0.004	0	1.88
0.14	0.04	0.002	-0.005	-0.002	0.002	0.005	0.004	5.2	3.68	2.79	2	1.27	0.7	0.34	0.13	0.03	0.002	-0.005	-0.002	0.002	0.005	0.004	0	1.79
0.14	0.04	0.004	-0.004	-0.003	0.002	0.005	0.004	5.19	3.66	2.78	1.99	1.26	0.7	0.34	0.13	0.03	0.004	-0.004	-0.003	0.002	0.005	0.004	0	1.4
0.14	0.04	0.005	-0.003	-0.004	0.002	0.004	0.004	5.19	3.64	2.77	1.98	1.25	0.7	0.33	0.13	0.04	0.005	-0.003	-0.004	0.002	0.004	0.004	0	1.97
0.14	0.04	0.007	-0.003	-0.005	0.002	0.004	0.004	5.18	3.62	2.76	1.96	1.24	0.7											

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.09	0.01	0.001	0.002	0	0	0.001	0	5.48	3.97	3.07	2.27	1.44	0.77	0.31	0.09	0.01	0.001	0.002	0	0.001	0	0	2.19	
0.09	0.01	0	0.002	0.001	0.001	0	0	5.51	4.01	3.11	2.3	1.47	0.78	0.32	0.09	0.01	0	0.002	0.001	0.001	0	175.6	1.84	
0.09		0	0.002	0.001	0.002	0	0	5.55	4.06	3.15	2.33	1.49	0.79	0.32	0.09		0	0.002	0.001	0.002	0	0	2.4	
0.09		0.001	0.002	0.001	0.003	0	0	5.59	4.1	3.19	2.37	1.52	0.81	0.33	0.09		0.001	0.002	0.001	0.003	0	0	2.45	
0.09		0.002	0.001	0.001	0.004	0.001	0.001	5.63	4.15	3.23	2.41	1.55	0.83	0.34	0.09		0.002	0.001	0.001	0.004	0.001	0	2.03	
0.09		0.002	0	0.002	0.004	0.001	0.001	5.66	4.2	3.28	2.45	1.58	0.85	0.34	0.09		0.002	0	0.002	0.004	0.001	0	1.88	
0.1		0.003	-0.001	0.003	0.004	0.001	0.001	5.69	4.24	3.32	2.49	1.61	0.87	0.35	0.1		0.003	-0.001	0.003	0.004	0.001	0	2.42	
0.1		0.002	-0.001	0.004	0.004	0.001	0.001	5.72	4.27	3.37	2.53	1.65	0.89	0.37	0.1		0.002	-0.001	0.004	0.004	0.001	0	2.52	
0.11		0.001	-0.001	0.006	0.004	0.001	0.001	5.73	4.29	3.4	2.57	1.68	0.92	0.38	0.11		0.001	-0.001	0.006	0.004	0.001	0	2.23	
0.11	0.02	0.001	-0.001	0.006	0.004	0	0	5.74	4.31	3.44	2.6	1.71	0.94	0.39	0.11	0.02	0.001	-0.001	0.006	0.004	0	0	2.01	
0.12	0.02	0.003	0	0.006	0.003	0	0	5.73	4.31	3.46	2.62	1.74	0.96	0.4	0.11	0.02	0.003	0	0.006	0.003	0	0	2.38	
0.12	0.02	0.004	0.001	0.005	0.003	0	0	5.71	4.3	3.47	2.64	1.76	0.97	0.41	0.12	0.02	0.004	0.001	0.005	0.003	0	64.5	2.21	
0.12	0.02	0.005	0.001	0.004	0.002	0	0	5.69	4.3	3.47	2.64	1.76	0.98	0.41	0.12	0.02	0.005	0.001	0.004	0.002	0	0	1.93	
0.12	0.02	0.004	0.002	0.003	0.002	0.005	0	5.65	4.28	3.46	2.64	1.76	0.98	0.41	0.11	0.02	0.004	0.002	0.003	0.002	0.005	0	158.7	2.4
0.11	0.02	0.004	0.002	0.001	0.001	0.006	0	5.61	4.25	3.43	2.62	1.75	0.97	0.4	0.11	0.01	0.004	0.002	0.001	0.001	0.006	0	101	2.23
0.11	0.01	0.002	0.003	0.001	0.001	0.006	0	5.56	4.21	3.39	2.58	1.73	0.95	0.39	0.1	0.01	0.002	0.003	0.001	0.001	0.006	0	0	1.7
0.1	0.01	0.001	0.003	0	0	0.006	0.001	5.49	4.16	3.34	2.54	1.69	0.93	0.37	0.09	0.01	0.001	0.003	0	0	0.006	0.001	0	1.6
0.09	0.01	0	0.003	-0.001	0	0.007	0.001	5.42	4.1	3.28	2.48	1.64	0.89	0.36	0.09	0.01	0	0.003	-0.001	0	0.007	0.001	0	2.07
0.08		0	0.004	-0.001	-0.001	0.007	0.001	5.34	4.04	3.21	2.42	1.59	0.86	0.34	0.08		0	0.004	-0.001	-0.001	0.007	0.001	0	1.55
0.07	0.008	0	0.005	-0.001	-0.001	0.007	0.001	5.28	3.99	3.15	2.36	1.54	0.82	0.31	0.07	0.008	0	0.005	-0.001	-0.001	0.007	0.001	0	0.57
0.07	0.008	0.001	0.006	-0.002	-0.002	0.007	0.001	5.22	3.94	3.09	2.31	1.49	0.79	0.29	0.06	0.008	0.001	0.006	-0.002	-0.002	0.007	0.001	0	1.41
0.06	0.007	0	0.006	-0.002	-0.002	0.006	0.002	5.19	3.9	3.05	2.26	1.44	0.75	0.27	0.06	0.007	0	0.006	-0.002	-0.002	0.006	0.002	0	2.15
0.05		0	0.005	-0.003	-0.002	0.006	0.002	5.19	3.87	3.01	2.22	1.4	0.72	0.25	0.05		0	0.005	-0.003	-0.002	0.006	0.002	0	2.33
0.05		0.001	0.004	-0.003	-0.002	0.006	0.002	5.2	3.85	2.98	2.18	1.36	0.69	0.24	0.04		0.001	0.004	-0.003	-0.002	0.006	0.002	190.9	2.45
0.04		0.001	0.002	-0.004	-0.002	0.005	0.003	5.21	3.83	2.95	2.14	1.32	0.66	0.22	0.04		0.001	0.002	-0.004	-0.002	0.005	0.003	0	2.29
0.04		0.002	0.001	-0.004	-0.002	0.005	0.003	5.2	3.79	2.9	2.09	1.28	0.62	0.2	0.03		0.002	0.001	-0.004	-0.002	0.005	0.003	0	1.47
0.03		0.001	0.001	-0.003	-0.001	0.004	0.002	5.17	3.73	2.84	2.02	1.22	0.58	0.19	0.03		0.001	0.001	-0.003	-0.001	0.004	0.002	0	2.37
0.03		0	0.001	-0.001	0	0.003	0.001	5.09	3.63	2.74	1.93	1.14	0.54	0.17	0.03		0	0.001	-0.001	0	0.003	0.001	0	2.78
0.03	0.005	0.002	0.002	0	0	0.001	0.001	4.97	3.5	2.61	1.81	1.05	0.48	0.15	0.02	0.005	0.002	0.002	0	0	0.001	114	2.82	
0.02	0.006	0.004	0.003	0.002	0.001	0.003	0.003	4.8	3.33	2.46	1.68	0.95	0.43	0.13	0.02	0.006	0.004	0.003	0.002	0.001	0.003	0	2.54	
0.02	0.01	0.008	0.007	0.005	0.003	0.003	0.007	4.61	3.15	2.29	1.53	0.85	0.37	0.11	0.02	0.01	0.008	0.007	0.005	0.003	0.003	0	2.01	
0.02	0.01	0.01	0.01	0.006	0.004	0.004	0.004	4.41	2.96	2.11	1.38	0.75	0.31	0.09	0.02	0.01	0.01	0.009	0.006	0.004	0.004	0	2.65	
0.02	0.01	0.01	0.01	0.007	0.005	0.004	0.004	4.22	2.78	1.94	1.24	0.65	0.26	0.07	0.01	0.01	0.01	0.01	0.007	0.005	0.004	0	2.75	
0.01	0.01	0.01	0.01	0.007	0.006	0.004	0.004	4.07	2.61	1.78	1.12	0.56	0.22	0.06	0.01	0.01	0.01	0.01	0.007	0.006	0.004	0	2.68	
0.01	0.01	0.01	0.01	0.007	0.007	0.004	0.004	3.95	2.47	1.65	1.01	0.5	0.18	0.04	0.01	0.01	0.01	0.01	0.007	0.007	0.004	0	2.49	
0.01	0.01	0.01	0.01	0.006	0.009	0.002	0.002	3.87	2.36	1.55	0.93	0.45	0.16	0.04	0.01	0.01	0.01	0.01	0.006	0.009	0.002	0	1.87	
0.01	0.01	0.01	0.01	0.005	0.009	0.001	0.001	3.82	2.27	1.46	0.86	0.41	0.15	0.04	0.01	0.009	0.01	0.01	0.005	0.009	0.001	0	2.35	
0.01	0.009	0.01	0.01	0.005	0.01	0	0	3.78	2.18	1.39	0.81	0.38	0.13	0.04	0.01	0.009	0.009	0.01	0.005	0.01	0	0	2.53	
0.01	0.008	0.009	0.01	0.005	0.01	0	0	3.73	2.1	1.31	0.76	0.35	0.12	0.03	0.01	0.008	0.009	0.009	0.005	0.01	0	0	2.31	
0.01	0.008	0.008	0.009	0.006	0.009	0	0	3.67	2.01	1.23	0.7	0.32	0.11	0.03	0.01	0.008	0.008	0.009	0.006	0.009	0	0	1.5	
0.29	0.1	0.02	0.006	0.003	0.003	-0.003	0.001	4.91	3.48	2.83	2.29	1.73	1.18	0.67	0.3	0.1	0.02	0.006	0.003	0.003	-0.003	0.001	0	1.75
0.28	0.09	0.02	0.007	0.004	0.003	-0.002	0.001	4.94	3.49	2.83	2.29	1.72	1.16	0.65	0.29	0.09	0.02	0.007	0.004	0.003	-0.002	0.001	0	2.29
0.27	0.09	0.02	0.009	0.005	0.004	-0.001	0.001	4.96	3.5	2.83	2.28	1.7	1.13	0.63	0.27	0.09	0.02	0.009	0.005	0.004	-0.001	0.001	0	2.44
0.25	0.08	0.02	0.01	0.007	0.005	0	0.001	4.97	3.49	2.82	2.25	1.67	1.1	0.6	0.26	0.08	0.02	0.01	0.007	0.005	0	0.001	0	2.24
0.24	0.08	0.02	0.01	0.01	0.006	0.001	0.001	4.98	3.47	2.79	2.21	1.62	1.06	0.57	0.24	0.08	0.02	0.01	0.01	0.006	0.001	0.001	0	1.67
0.22	0.07	0.02	0.01	0.01	0.006	0.001	0.002	4.98	3.45	2.76	2.17	1.58	1.01	0.54	0.23	0.07	0.02	0.01	0.01	0.006	0.001	0.002	0	2.43
0.21	0.07	0.01	0.01	0.01	0.006	0.001	0.002	4.97	3.42	2.72	2.12	1.52	0.96	0.51	0.21	0.07	0.01	0.01	0.006	0.001	0.002	0	2.53	
0.19	0.06	0.01	0.009	0.01	0.005	0.001	0.001	4.97	3.39	2.67	2.06	1.46	0.91	0.48	0.2	0.06	0.01	0.009	0.01	0.005	0.001	0.001	0	1.88
0.18	0.06	0.01	0.006	0.01	0.004	0	0.001	4.96	3.36	2.62	2	1.4	0.86	0.44	0.18	0.05	0.01	0.006	0.01	0.004	0	0.001	73	2.26
0.17	0.05	0.01	0.003	0.009	0.003	-0.001	0.001	4.95	3.32	2.56	1.94	1.34	0.82	0.42	0.17	0.05	0.009	0.003	0.009	0.003	-0.001	0.001	0	2.31
0.16	0.05	0.008	0.001	0.006	0.002	-0.002	0	4.93	3.28	2.5	1.88	1.28	0.77	0.39	0.15	0.04	0.008	0.001	0.006	0.002	-0.002	0	0	2.26
0.15	0.04	0.007	0	0.005	0.001	-0.002	0.001	4.91	3.23	2.44	1.82	1.22	0.73	0.37	0.14	0.04	0.007	0	0.005	0.001	-0.002	0.001	0	2.04
0.14	0.04	0.006	-0.001	0.003	0.001	-0.001	0.002	4.89	3.19	2.38	1.76	1.17	0.69	0.34	0.14	0.04	0.006	-0.001	0.003	0.001	-0.001	0.002	0	1.85
0.13	0.04	0.006	-0.001	0.002	0.001	-0.001	0.003	4.87	3.14	2.33	1.7	1.12	0.66	0.32	0.13	0.03	0.006	-0.001	0.002	0.001	-0.001	0.003	127.8	1.82
0.12	0.03	0.005	-0.002	0.001	0.001	-0.																		

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.08		0.004	0.004	0.003	0.007	-0.002	0.002	5.21	3.61	2.82	2.14	1.44	0.81	0.32	0.07		0.004	0.004	0.003	0.007	-0.002	0.002	0	2.02
0.08		0.005	0.005	0.003	0.006	-0.002	0.001	5.23	3.64	2.86	2.2	1.5	0.84	0.34	0.08		0.005	0.005	0.003	0.006	-0.002	0.001	0	1.87
0.08		0.004	0.006	0.004	0.004	-0.001	0.001	5.25	3.68	2.91	2.24	1.54	0.87	0.35	0.08		0.004	0.006	0.004	0.004	-0.001	0.001	0	1.53
0.09		0.002	0.007	0.004	0.002	0	0.001	5.29	3.71	2.94	2.28	1.57	0.89	0.36	0.08		0.002	0.007	0.004	0.002	0	0.001	0	1.58
0.09	0.006	0	0.008	0.004	0	0.001	0.001	5.32	3.75	2.98	2.3	1.59	0.9	0.36	0.08	0.006	0	0.008	0.004	0	0.001	0.001	0	1.96
0.09	0.009	0.003	0.01	0.003	-0.002	0.002	0	5.36	3.78	3	2.32	1.59	0.9	0.36	0.09	0.009	0.003	0.01	0.003	-0.002	0.002	0	0	1.69
0.09	0.01	0.005	0.01	0.002	-0.003		0.001	5.38	3.81	3.01	2.32	1.58	0.89	0.35	0.08	0.01	0.005	0.009	0.002	-0.003		0.001	0	1.3
0.09	0.01	0.007	0.01	0.001	-0.003		0.001	5.41	3.83	3.02	2.31	1.56	0.86	0.34	0.08	0.01	0.007	0.009	0.001	-0.003		0.001	0	1.87
0.08	0.01	0.007	0.009	-0.001	-0.003		0.002	5.43	3.84	3.02	2.28	1.52	0.83	0.32	0.08	0.01	0.007	0.009	-0.001	-0.003		0.002	158.1	1.8
0.07	0.01	0.006	0.007	-0.002	-0.003		0.002	5.43	3.84	2.99	2.24	1.47	0.78	0.3	0.07	0.01	0.006	0.007	-0.002	-0.003		0.002	0	1.7
0.07	0.01	0.005	0.005	-0.003	-0.002		0.002	5.43	3.82	2.96	2.19	1.41	0.73	0.27	0.06	0.01	0.005	0.005	-0.003	-0.002		0.002	113.9	1.51
0.06	0.01	0.003	0.002	-0.004	-0.001		0	5.41	3.79	2.91	2.12	1.33	0.67	0.24	0.06	0.01	0.003	0.002	-0.004	-0.001		0	0	1.3
0.05	0.01	0.001	-0.001	-0.005	0	0.004	0	5.38	3.73	2.84	2.04	1.25	0.61	0.21	0.05	0.01	0.001	-0.001	-0.005	0	0.004	0	62.9	1.4
0.04	0.01	0	-0.004	-0.006	0.002	0.003	0.001	5.34	3.66	2.75	1.94	1.16	0.55	0.18	0.04	0.01	0	-0.004	-0.006	0.002	0.003	0.001	0	1.42
0.04	0.01	0.001	-0.005	-0.007	0.003	0.002	0.001	5.29	3.57	2.64	1.83	1.07	0.48	0.15	0.04	0.01	0.001	-0.005	-0.007	0.003	0.002	0.001	192.3	1.69
0.04	0.01	0.003	-0.005	-0.007	0.003	0.001	0.001	5.22	3.45	2.51	1.71	0.97	0.43	0.13	0.03	0.01	0.003	-0.005	-0.007	0.003	0.001	0.001	0	1.73
0.04	0.02	0.008	-0.003	-0.007	0.002	0.001	0.001	5.12	3.3	2.37	1.58	0.87	0.37	0.12	0.03	0.01	0.008	-0.003	-0.007	0.002	0.001	0.001	0	1.89
0.04	0.02	0.01	0	-0.006	0.002	0.002	0.001	5	3.13	2.2	1.43	0.77	0.33	0.1	0.04	0.02	0.01	0	-0.006	0.002	0.002	0.001	0	1.76
0.04	0.02	0.01	0.004	-0.004	0.002		0	4.84	2.93	2.01	1.29	0.68	0.28	0.09	0.04	0.02	0.01	0.004	-0.004	0.002		0	737.6	1.8
0.04	0.03	0.02	0.008	-0.002	0.002		0.001	4.65	2.72	1.83	1.14	0.59	0.25	0.09	0.04	0.03	0.01	0.008	-0.002	0.002		0.001	261.7	2.28
0.05	0.03	0.02	0.01	0.001	0.002		0.002	4.45	2.5	1.64	1	0.51	0.22	0.08	0.04	0.03	0.02	0.01	0.001	0.002		0.002	0	2.72
0.05	0.03	0.02	0.01	0.003	0.003		0.003	4.25	2.29	1.46	0.87	0.44	0.19	0.08	0.04	0.03	0.02	0.01	0.003	0.003		0.003	67.7	2.03
0.05	0.03	0.02	0.01	0.006	0.004		0.004	4.06	2.09	1.3	0.76	0.39	0.17	0.08	0.04	0.03	0.02	0.01	0.006	0.004		0.004	0	2.28
0.04	0.03	0.02	0.01	0.008	0.005	0.004	0.004	3.88	1.92	1.17	0.67	0.34	0.16	0.08	0.04	0.02	0.01	0.01	0.008	0.005		0.004	0	2.55
0.04	0.02	0.01	0.01	0.008	0.004		0.006	3.73	1.77	1.06	0.61	0.32	0.15	0.07	0.04	0.02	0.01	0.01	0.008	0.004		0.006	0	2.5
0.04	0.02	0.01	0.01	0.006	0.002		0.008	3.58	1.65	0.97	0.56	0.3	0.15	0.07	0.04	0.02	0.01	0.01	0.006	0.002		0.008	0	2.05
0.04	0.02	0.01	0.01	0.004	0.002		0.008	3.45	1.55	0.91	0.53	0.29	0.15	0.08	0.04	0.02	0.01	0.01	0.004	0.002		0.008	0	2.15
0.04	0.02	0.01	0.009	0.004	0.002		0.009	3.31	1.46	0.86	0.5	0.28	0.15	0.08	0.04	0.02	0.01	0.009	0.004	0.002		0.009	0	2.5
0.04	0.02	0.01	0.009	0.004	0.003		0.008	3.15	1.37	0.81	0.49	0.28	0.15	0.08	0.04	0.02	0.01	0.009	0.004	0.003		0.008	0	2.52
0.04	0.02	0.01	0.01	0.004	0.003		0.007	2.97	1.28	0.76	0.46	0.27	0.15	0.08	0.04	0.02	0.01	0.01	0.004	0.003		0.007	0	1.79
0.04	0.02	0.01	0.01	0.005	0.004		0.005	2.75	1.17	0.71	0.44	0.25	0.14	0.07	0.04	0.02	0.01	0.01	0.005	0.004		0.005	0	1.68
0.04	0.02	0.01	0.01	0.006	0.005	0.004	0.004	2.52	1.06	0.64	0.4	0.24	0.13	0.07	0.03	0.02	0.01	0.01	0.006	0.005		0.004	0	1.62
0.03	0.02	0.01	0.01	0.007	0.004		0.002	2.27	0.94	0.57	0.36	0.21	0.12	0.06	0.03	0.01	0.01	0.01	0.007	0.004		0.002	0	2.16
0.03	0.01	0.01	0.01	0.007	0.005		0.001	2.04	0.83	0.5	0.32	0.19	0.1	0.05	0.03	0.01	0.01	0.01	0.007	0.005		0.001	126	1.91
0.02	0.01	0.01	0.01	0.008	0.005		0	1.83	0.72	0.43	0.28	0.16	0.09	0.05	0.02	0.01	0.01	0.01	0.008	0.005		0	0	2.27
0.02	0.01	0.01	0.01	0.008	0.006	0.003	0.001	1.67	0.62	0.37	0.24	0.14	0.07	0.04	0.02	0.01	0.01	0.01	0.008	0.006	0.003	0.001	0	2.64
0.01	0.008	0.007	0.01	0.007	0.006	0.002	0.001	1.56	0.54	0.32	0.21	0.12	0.06	0.03	0.01	0.008	0.007	0.01	0.007	0.006	0.002	0.001	0	2.76
0.01	0.006	0.004	0.008	0.005	0.005	0.001	0.001	1.48	0.49	0.29	0.18	0.1	0.05	0.03	0.01	0.006	0.004	0.008	0.005	0.005	0.001	0.001	0	2.64
0.01	0.003	0.002	0.006	0.003	0.003	0	0	1.44	0.44	0.26	0.17	0.09	0.05	0.02	0.01	0.003	0.002	0.006	0.003	0.003	0	0	0	2.12
0.01		0.001	0.003	0.001	0.002		0	1.41	0.41	0.24	0.15	0.08	0.04	0.02	0.01		0.001	0.003	0.001	0.002		0	0	2.49
		0.002	0.001	0	0.002		0	1.37	0.38	0.22	0.13	0.07	0.03	0.02	0.02		0.002	0.001	0	0.002		0	118.7	2.84
		0.002	0	0	0.002	-0.001	0.001	1.31	0.34	0.2	0.12	0.06	0.03	0.01			0.002	0	0	0.002	-0.001	0.001	0	2.85
		0.002	-0.001	-0.001	0.002	-0.001	0.001	1.23	0.31	0.17	0.1	0.05	0.02	0.01			0.002	-0.001	-0.001	0.002	-0.001	0.001	0	2.63
		0.001	-0.002	-0.001	0.002	-0.001	0.001	1.12	0.27	0.14	0.08	0.04	0.02	0.01			0.001	-0.002	-0.001	0.002	-0.001	0.001	0	1.64
		0	-0.003	-0.001	0.002	-0.002	0.001	1.02	0.23	0.11	0.06	0.03	0.01	0.008			0	-0.003	-0.001	0.002	-0.002	0.001	0	2.37
		0	-0.003	-0.001	0.003	-0.002	0.001	0.91	0.19	0.08	0.04	0.02	0.008				0	-0.003	-0.001	0.003	-0.002	0.001	0	2.69
		0	-0.004	0	0.003	-0.002	0	0.83	0.16	0.06	0.02	0.01	0.002				0	-0.004	0	0.003	-0.002	0	175.3	2.73
		0	-0.004	0.001	0.004	-0.002	0	0.77	0.14	0.04	0.01						0	-0.004	0.001	0.004	-0.002	0	0	2.61
		0	-0.003	0.002	0.004	-0.002	0.001	0.73	0.13	0.02	0.01						0	-0.003	0.002	0.004	-0.002	0.001	126.7	1.53
	0.002	0	-0.001	0.003	0.005	-0.002	0.001	0.71	0.11	0.01						0.002	0	-0.001	0.003	0.005	-0.002	0.001	0	2.56
	0.002	0.001	0.001	0.005	0.005	-0.002	0.001	0.69	0.1							0.002	0.001	0.001	0.005	0.005	-0.002	0.001	0	2.53
	0.001	0.002	0.003	0.007	0.006	-0.002	0.001	0.68								0.001	0.002	0.003	0.007	0.006	-0.002	0.001	0	2.52
0.001	0.001	0.005	0.007	0.01	0.008	-0.002	0.002	0.66							0.001	0.001	0.005	0.007	0.01	0.008	-0.002	0.002	0	2.47
0.001	0.005	0.008	0.01	0.01	0.01	-0.001	0.002	0.65						0.003	0.001	0.005	0.008	0.01	0.01	0.009	-0.001	0.002	260.5	2.18
0.004	0.008	0.01	0.01	0.01	0.01	-0.001	0.002	0.64						0.001	0.004	0.008	0.01	0.01	0.01	0.01	-0.001	0.002	0	1.73
0.007	0.01	0.01																						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.003	0.002	0.007	0.004	0.004	0.004	-0.006	0.003	2.03	0.65	0.33	0.15	0.04				0.003	0.002	0.007	0.004	0.004	0.004	-0.006	0.003	0	1.86
0.004	0.001	0.006	0.004	0.004	0.003	-0.006	0.003	1.92	0.6	0.3	0.13	0.04				0.004	0.001	0.006	0.004	0.004	0.003	-0.006	0.003	0	2.44
0.005	0.001	0.006	0.004	0.005	0.003	-0.005	0.004	1.83	0.56	0.27	0.12					0.005	0.001	0.006	0.004	0.005	0.003	-0.005	0.004	0	2.65
0.005	0.002	0.006	0.004	0.007	0.005	-0.004	0.006	1.76	0.52	0.24	0.1					0.005	0.002	0.006	0.004	0.007	0.005	-0.004	0.006	0	2.64
0.006	0.002	0.006	0.005	0.008	0.007	-0.002	0.007	1.71	0.08	0.22	0.09					0.006	0.002	0.006	0.005	0.008	0.007	-0.002	0.007	0	2.47
0.006	0.003	0.006	0.006	0.009	0.008	-0.001	0.009	1.69	0.46	0.2	0.08					0.006	0.003	0.006	0.006	0.009	0.008	-0.001	0.009	216.2	1.7
0.006	0.003	0.006	0.006	0.009	0.009	-0.001	0.01	1.69	0.45	0.19	0.07					0.006	0.003	0.006	0.006	0.009	0.009	-0.001	0.01	687.8	2.63
0.006	0.003	0.006	0.006	0.008	0.009	-0.001	0.01	1.7	0.43	0.18	0.06					0.006	0.003	0.006	0.006	0.008	0.009	-0.001	0.009	0	2.68
0.007	0.002	0.005	0.006	0.008	0.009	-0.001	0.01	1.71	0.42	0.17	0.06					0.007	0.002	0.005	0.006	0.008	0.009	-0.001	0.009	0	2.54
0.008	0.001	0.005	0.006	0.007	0.009	-0.001	0.01	1.72	0.42	0.17	0.06					0.008	0.001	0.005	0.006	0.007	0.009	-0.001	0.01	0	1.64
	0	0.004	0.005	0.006	0.009	-0.002	0.01	1.73	0.42	0.17	0.06						0	0.004	0.005	0.006	0.009	-0.002	0.01	0	2.19
	0.001	0.003	0.004	0.005	0.008	-0.002	0.008	1.75	0.43	0.18	0.07						0.001	0.003	0.004	0.005	0.008	-0.002	0.008	0	2.42
	0.002	0.002	0.003	0.004	0.008	-0.002	0.008	1.79	0.47	0.21	0.09						0.002	0.002	0.003	0.004	0.008	-0.002	0.008	67.8	1.94
	0.003	0	0.002	0.004	0.009	-0.001	0.008	1.87	0.54	0.26	0.13	0.05					0.003	0	0.002	0.004	0.009	-0.001	0.008	0	1.72
		0.001	0.001	0.005	0.01	0.001	0.009	2	0.65	0.34	0.18	0.08	0.03					0.001	0.001	0.005	0.01	0.001	0.009	0	2.01
		0.002	0	0.004	0.01	0.002	0.009	2.19	0.81	0.46	0.26	0.13	0.06					0.002	0	0.004	0.01	0.002	0.009	0	2.28
		0.003	-0.001	0.003	0.009	0.002	0.008	2.45	1.02	0.62	0.38	0.21	0.1	0.03				0.003	-0.001	0.003	0.009	0.002	0.008	0	1.46
		0.003	-0.001	0.001	0.008	0.001	0.003	2.78	1.3	0.83	0.53	0.3	0.15	0.05				0.003	-0.001	0.001	0.008	0.001	0.006	0	2.38
0.02		0.002	-0.001	0	0.005	0	0.004	3.17	1.62	1.09	0.72	0.43	0.22	0.08	0.02			0.002	-0.001	0	0.005	0	0.004	87.4	2.49
0.03	0.006	0.001	0	-0.002	0.003	0	0.002	3.6	2	1.39	0.95	0.58	0.3	0.12	0.03	0.006		0.001	0	-0.002	0.003	0	0.002	0	2.34
0.05	0.009	0.002	0.001	-0.003	0.001	0.001	0.002	4.05	2.41	1.73	1.21	0.75	0.4	0.16	0.04	0.009	0.002	0.001	-0.003	0.001	0.001	0.003	0	0	1.38
0.06	0.01	0.003	0.001	-0.004	0	0.003	0.004	4.49	2.83	2.08	1.49	0.94	0.5	0.2	0.05	0.01	0.003	0.001	-0.004	0	0.003	0.004	406.8	2.47	
0.07	0.01	0.004	0.001	-0.005	-0.001	0.005	0.005	4.9	3.25	2.45	1.78	1.13	0.61	0.24	0.07	0.01	0.004	0.001	-0.005	-0.001	0.005	0.005	69	2.7	
0.09	0.01	0.006	0.001	-0.005	-0.001	0.006	0.006	5.26	3.65	2.81	2.06	1.33	0.71	0.29	0.08	0.01	0.006	0.001	-0.005	-0.001	0.006	0.006	0	2.72	
0.1	0.02	0.007	0	-0.004	-0.001	0.006	0.006	5.55	4	3.13	2.33	1.51	0.81	0.33	0.09	0.02	0.007	0	-0.004	-0.001	0.006	0.006	97.4	2.2	
0.12	0.02	0.008	-0.001	-0.003	0	0.006	0.007	5.78	4.31	3.42	2.56	1.67	0.9	0.36	0.1	0.02	0.008	-0.001	-0.003	0	0.006	0.007	0	2.58	
0.12	0.02	0.007	-0.002	-0.002	0.002	0.005	0.008	5.96	4.55	3.65	2.75	1.8	0.97	0.39	0.11	0.02	0.007	-0.002	-0.002	0.002	0.005	0.008	0	2.73	
0.13	0.03	0.006	-0.004	-0.001	0.004	0.005	0.01	6.09	4.74	3.82	2.89	1.89	1.02	0.41	0.12	0.02	0.006	-0.004	-0.001	0.004	0.005	0.01	0	2.78	
0.13	0.03	0.005	-0.005	0	0.005	0.006	0.01	6.18	4.85	3.92	2.97	1.94	1.03	0.41	0.12	0.02	0.005	-0.005	0	0.005	0.006	0.01	0	2.67	
0.13	0.03	0.005	-0.006	0	0.006	0.005	0.01	6.24	4.89	3.96	2.99	1.94	1.02	0.4	0.12	0.02	0.005	-0.006	0	0.006	0.005	0.01	0	2.36	
0.12	0.03	0.004	-0.006	0	0.006	0.005	0.01	6.27	4.88	3.93	2.95	1.89	0.99	0.38	0.11	0.02	0.004	-0.006	0	0.006	0.005	0.01	0	2.16	
0.12	0.03	0.005	-0.006	-0.001	0.004	0.004	0.01	6.27	4.81	3.85	2.85	1.81	0.93	0.36	0.11	0.02	0.005	-0.006	-0.001	0.004	0.004	0.01	0	2.66	
0.11	0.03	0.005	-0.005	-0.002	0.002	0.003	0.01	6.22	4.69	3.7	2.7	1.68	0.85	0.33	0.1	0.02	0.005	-0.005	-0.002	0.002	0.003	0.01	0	2.74	
0.1	0.03	0.008	-0.004	-0.002	0.001	0.002	0.009	6.12	4.51	3.51	2.52	1.54	0.76	0.29	0.09	0.02	0.008	-0.004	-0.002	0.001	0.002	0.009	0	2.51	
0.1	0.03	0.01	-0.002	-0.002	0	0.001	0.007	5.97	4.29	3.28	2.31	1.37	0.67	0.26	0.09	0.03	0.009	-0.002	-0.002	0	0.001	0.007	0	1.74	
0.09	0.03	0.01	-0.001	-0.002	0.001	0	0.005	5.78	4.04	3.03	2.07	1.2	0.57	0.22	0.08	0.03	0.01	-0.001	-0.002	0.001	0	0.005	0	2.3	
0.09	0.03	0.01	0.001	-0.001	0.001	0	0.003	5.57	3.78	2.76	1.84	1.04	0.48	0.19	0.08	0.03	0.01	0.001	-0.001	-0.001	0.001	0	0.003	0	2.2
0.08	0.04	0.01	0.003	0.001	0.003	-0.001	0	5.35	3.52	2.5	1.63	0.88	0.41	0.17	0.08	0.03	0.01	0.003	0.001	0.003	-0.001	0	0	1.79	
0.08	0.03	0.01	0.003	0.002	0.004		0.001	5.14	3.27	2.26	1.43	0.75	0.34	0.15	0.07	0.03	0.01	0.003	0.002	0.004		0.001	0	1.64	
0.07	0.03	0.01	0.003	0.002	0.006		0.002	4.96	3.04	2.05	1.26	0.65	0.29	0.13	0.07	0.03	0.01	0.003	0.002	0.006		0.002	0	2.2	
0.07	0.03	0.01	0.004	0.005	0.008		0.002	4.82	2.85	1.87	1.12	0.56	0.25	0.12	0.06	0.03	0.01	0.004	0.005	0.008		0.002	0	2.54	
0.07	0.03	0.01	0.004	0.005	0.008		0.003	4.71	2.69	1.72	1.01	0.5	0.23	0.11	0.06	0.03	0.01	0.004	0.005	0.008		0.003	64.1	2.03	
0.07	0.03	0.01	0.006	0.006	0.007		0.004	4.63	2.56	1.6	0.92	0.46	0.21	0.11	0.06	0.03	0.01	0.006	0.006	0.007		0.004	0	1.5	
0.06	0.03	0.01	0.008	0.006	0.006		0.004	4.56	2.44	1.5	0.85	0.42	0.2	0.11	0.06	0.03	0.01	0.008	0.006	0.006		0.004	0	1.48	
0.06	0.03	0.01	0.01	0.007	0.006		0.005	4.49	2.33	1.4	0.79	0.39	0.2	0.11	0.06	0.03	0.01	0.01	0.007	0.006		0.005	67.2	1.39	
0.06	0.03	0.01	0.01	0.007	0.004		0.006	4.41	2.21	1.31	0.73	0.37	0.19	0.1	0.06	0.03	0.01	0.01	0.007	0.004		0.006	0	1.73	
0.06	0.03	0.01	0.01	0.006	0.002		0.007	4.3	2.09	1.22	0.67	0.34	0.18	0.1	0.06	0.03	0.01	0.01	0.006	0.002		0.007	0	2.49	
0.06	0.03	0.02	0.01	0.007	0.001		0.007	4.18	1.97	1.12	0.62	0.31	0.17	0.1	0.05	0.03	0.01	0.01	0.007	0.001		0.007	0	2.6	
0.06	0.03	0.02	0.01	0.007	0		0.008	4.05	1.86	1.03	0.56	0.29	0.16	0.1	0.05	0.03	0.01	0.01	0.007	0		0.008	0	2.54	
0.05	0.03	0.01	0.01	0.007	-0.001		0.009	3.92	1.75	0.95	0.51	0.26	0.15	0.09	0.05	0.02	0.01	0.01	0.007	-0.001		0.009	0	2.08	
0.05	0.02	0.01	0.01	0.006	-0.003		0.01	3.81	1.66	0.89	0.47	0.24	0.14	0.09	0.05	0.02	0.01	0.01	0.006	-0.003		0.01	0	1.96	
0.04	0.02	0.01	0.01	0.005	-0.003		0.01	3.74	1.61	0.84	0.43	0.22	0.13	0.08	0.04	0.02	0.01	0.01	0.005	-0.003		0.01	0	2.42	
0.04	0.02	0.01	0.01	0.006	-0.002		0.01	3.73	1.6	0.83	0.42	0.21	0.12	0.08	0.04	0.02	0.01	0.01	0.006	-0.002		0.01	88.4	2.54	
0.04	0.02	0.01	0.01	0.007	0		0.008	3.76	1.63	0.84	0.42	0.21	0.12	0.											

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.01	0.01	0.01	0.003	0.007	0.003		0.002	4.36	2.3	1.38	0.81	0.42	0.18	0.06	0.01	0.01	0.01	0.003	0.007	0.003		0.002	0	1.94
0.01	0.01	0.008	0.002	0.008	0.004		0.001	4.37	2.34	1.41	0.83	0.42	0.18	0.06	0.01	0.01	0.008	0.002	0.008	0.004		0.001	0	2.65
0.01	0.008	0.006	0.001	0.008	0.005		0.001	4.4	2.38	1.45	0.86	0.43	0.18	0.06	0.01	0.008	0.006	0.001	0.008	0.005		0.001	0	2.52
0.01	0.005	0.003	0	0.007	0.006		0.001	4.45	2.44	1.5	0.89	0.45	0.19	0.06	0.01	0.005	0.003	0	0.007	0.006		0.001	65.1	2.04
0.01	0.005	0.002	0	0.006	0.006		0	4.52	2.51	1.56	0.93	0.47	0.2	0.06	0.01	0.005	0.002	0	0.006	0.006		0	189.6	1.57
0.01	0.005	0.001	0	0.006	0.007	-0.002	0	4.6	2.57	1.62	0.97	0.49	0.2	0.06	0.01	0.005	0.001	0	0.006	0.007	-0.002	0	136.7	1.55
0.02	0.007	0	0	0.005	0.007	-0.001	0.001	4.68	2.64	1.69	1	0.51	0.21	0.07	0.01	0.007	0	0	0.005	0.007	-0.001	0.001	0	1.41
0.02		0	-0.001	0.004	0.007	-0.002	0	4.74	2.71	1.74	1.04	0.52	0.22	0.07	0.02		0	-0.001	0.004	0.007	-0.002	0	245.8	2.53
0.03	0.01	0.001	-0.002	0.002	0.006	-0.002	0	4.79	2.76	1.79	1.07	0.54	0.23	0.08	0.03	0.01	0.001	-0.002	0.002	0.006	-0.002	0	0	2.55
0.04	0.02	0.003	-0.002	0.001	0.005		0	4.82	2.82	1.84	1.1	0.56	0.24	0.09	0.03	0.01	0.003	-0.002	0.001	0.005		0	0	2.49
0.05	0.02	0.007	-0.002	0.001	0.005		0	4.84	2.87	1.89	1.14	0.58	0.25	0.1	0.04	0.02	0.007	-0.002	0.001	0.005		0	0	1.62
0.06	0.03	0.01	-0.002	0	0.004	0	0	4.88	2.94	1.96	1.18	0.6	0.27	0.11	0.05	0.03	0.01	-0.002	0	0.004	0	0	0	1.98
0.07	0.04	0.01	-0.001	0	0.004	0.001	0	4.93	3.02	2.03	1.24	0.63	0.28	0.13	0.07	0.04	0.01	-0.001	0	0.004	0.001	0	0	2.54
0.09	0.05	0.01	0	0	0.004		0	5.01	3.12	2.13	1.31	0.68	0.31	0.14	0.08	0.04	0.01	0	0	0.004		0	78.5	2.76
0.1	0.06	0.02	0.002	0	0.003	0.001	0	5.1	3.24	2.24	1.39	0.73	0.34	0.17	0.09	0.05	0.01	0.002	0	0.003	0.001	0	81	2.74
0.12	0.06	0.02	0.003	-0.001	0.002	0.001	0.001	5.2	3.36	2.35	1.48	0.78	0.38	0.19	0.11	0.06	0.02	0.003	-0.001	0.002	0.001	0.001	156.6	2.18
0.13	0.07	0.02	0.003	-0.002	0.002	0.001	0.001	5.29	3.47	2.46	1.56	0.84	0.41	0.21	0.12	0.06	0.02	0.003	-0.002	0.002	0.001	0.001	0	2.58
0.15	0.08	0.03	0.005	-0.002	0.001	0.001	0.002	5.36	3.56	2.55	1.64	0.9	0.45	0.24	0.13	0.07	0.02	0.005	-0.002	0.001	0.001	0.002	0	2.86
0.17	0.09	0.03	0.006	-0.003	0	0.001	0.003	5.4	3.62	2.61	1.69	0.95	0.49	0.26	0.15	0.08	0.03	0.006	-0.003	0	0.001	0.003	0	2.75
0.19	0.1	0.03	0.007	-0.004	-0.001	0.001	0.003	5.4	3.64	2.63	1.73	0.98	0.52	0.29	0.16	0.78	0.03	0.007	-0.004	-0.001	0.001	0.003	0	2.4
0.2	0.1	0.04	0.008	-0.003	0.002	0.004	0.004	5.36	3.62	2.63	1.74	1.01	0.55	0.31	0.17	0.09	0.03	0.008	-0.006	-0.003	0.002	0.004	0	1.64
0.22	0.11	0.04	0.009	-0.007	-0.004	0.002	0.004	5.29	3.57	2.59	1.73	1.02	0.57	0.33	0.19	0.1	0.04	0.009	-0.007	-0.004	0.002	0.004	0	2.48
0.23	0.12	0.05	0.009	-0.009	-0.004	0.003	0.004	5.21	3.49	2.53	1.7	1.02	0.59	0.34	0.19	0.1	0.04	0.009	-0.009	-0.004	0.003	0.004	0	2.66
0.24	0.12	0.05	0.01	-0.009	-0.004	0.004	0.004	5.12	3.4	2.46	1.66	1.01	0.59	0.35	0.2	0.1	0.04	0.01	-0.009	-0.004	0.004	0.004	0	2.55
0.24	0.13	0.05	0.01	-0.01	-0.004	0.005	0.004	5.05	3.3	2.37	1.6	0.99	0.59	0.35	0.21	0.11	0.04	0.008	-0.01	-0.004	0.005	0.004	0	1.59
0.25	0.13	0.05	0.01	-0.01	-0.004	0.005	0.003	4.98	3.19	2.28	1.54	0.96	0.59	0.35	0.21	0.11	0.04	0.008	-0.01	-0.004	0.005	0.003	0	2.34
0.25	0.13	0.05	0.01	-0.01	-0.004	0.005	0.003	4.92	3.09	2.18	1.47	0.93	0.57	0.35	0.2	0.1	0.04	0.01	-0.01	-0.004	0.005	0.003	0	2.39
0.24	0.12	0.05	0.009	-0.01	-0.004	0.005	0.003	4.86	2.98	2.08	1.4	0.89	0.55	0.34	0.2	0.1	0.04	0.009	-0.01	-0.004	0.005	0.003	0	2.1
0.23	0.12	0.04	0.007	-0.01	-0.003	0.004	0.003	4.8	2.87	1.98	1.32	0.84	0.53	0.33	0.19	0.1	0.04	0.007	-0.01	-0.003	0.004	0.003	0	1.6
0.22	0.11	0.04	0.006	-0.01	-0.002	0.003	0.003	4.74	2.76	1.87	1.24	0.78	0.5	0.31	0.18	0.09	0.03	0.006	-0.01	-0.002	0.003	0.003	0	2.15
0.21	0.11	0.04	0.006	-0.008	-0.002	0.003	0.002	4.65	2.64	1.76	1.16	0.73	0.46	0.29	0.17	0.09	0.03	0.006	-0.008	-0.002	0.003	0.002	0	2.2
0.2	0.1	0.03	0.006	-0.007	-0.001	0.002	0.002	4.56	2.51	1.65	1.07	0.67	0.43	0.27	0.16	0.08	0.03	0.006	-0.007	-0.001	0.002	0.002	0	1.75
0.19	0.1	0.03	0.007	-0.005	-0.001	0.002	0.001	4.45	2.39	1.54	0.99	0.61	0.39	0.25	0.15	0.08	0.03	0.007	-0.005	-0.001	0.002	0.001	0	1.9
0.18	0.09	0.03	0.009	-0.004	-0.002	0.002	0.001	4.33	2.26	1.43	0.91	0.56	0.35	0.23	0.14	0.07	0.03	0.009	-0.004	-0.002	0.002	0.001	0	2.24
0.16	0.09	0.03	0.01	-0.002	-0.002		0	4.21	2.13	1.33	0.83	0.5	0.32	0.21	0.13	0.07	0.03	0.009	-0.002	-0.002		0	0	2.37
0.15	0.08	0.03	0.01	0	-0.002		0	4.09	2.01	1.23	0.76	0.45	0.29	0.19	0.12	0.07	0.03	0.01	0	-0.002		0	0	2.13
0.13	0.08	0.03	0.01	0.002	-0.002		0.001	3.98	1.91	1.16	0.7	0.41	0.25	0.17	0.11	0.06	0.02	0.01	0.002	-0.002		0.001	0	1.19
0.12	0.07	0.03	0.01	0.004	-0.001		0.001	3.89	1.83	1.1	0.65	0.37	0.23	0.15	0.1	0.06	0.02	0.01	0.004	-0.001		0.001	0	2.03
0.11	0.06	0.03	0.01	0.006	0		0.001	3.84	1.78	1.05	0.62	0.34	0.2	0.13	0.09	0.05	0.02	0.01	0.006	0		0.001	0	2.4
0.09	0.06	0.03	0.01	0.009	0.002		0.001	3.81	1.75	1.04	0.6	0.32	0.19	0.12	0.08	0.04	0.02	0.01	0.009	0.002		0.001	0	2.15
0.08	0.05	0.03	0.01	0.01	0.004		0	3.82	1.76	1.05	0.6	0.32	0.18	0.11	0.07	0.04	0.02	0.01	0.01	0.004		0	0	1.69
0.07	0.04	0.03	0.01	0.01	0.005	0.002	0	3.85	1.8	1.08	0.61	0.32	0.17	0.1	0.06	0.03	0.02	0.01	0.01	0.005	0.002	0	0	1.31
0.07	0.04	0.02	0.01	0.01	0.005	0.002	0.001	3.9	1.86	1.12	0.65	0.34	0.18	0.1	0.05	0.03	0.02	0.01	0.01	0.005	0.002	0.001	0	1.72
0.06	0.03	0.02	0.01	0.01	0.005	0.001	0.001	3.96	1.94	1.19	0.7	0.37	0.19	0.1	0.05	0.03	0.01	0.01	0.01	0.005	0.001	0.001	0	2.25
0.06	0.03	0.01	0.01	0.01	0.003	0	0.001	4.02	2.03	1.28	0.77	0.42	0.22	0.11	0.05	0.02	0.01	0.008	0.009	0.003	0	0.001	0	2.56
0.06	0.02	0.01	0.006	0.006	0.001	-0.001	0.002	4.1	2.15	1.39	0.86	0.48	0.25	0.13	0.05	0.02	0.01	0.006	0.006	0.001	-0.001	0.002	0	2.59
0.07	0.02	0.008	0.002	0.002	-0.001	-0.002	0.003	4.19	2.3	1.53	0.98	0.57	0.31	0.15	0.06	0.02	0.008	0.002	0.002	-0.001	-0.002	0.003	0	1.38
0.09	0.03	0.007	0.001	-0.001	-0.001	0	0.005	4.31	2.47	1.7	1.13	0.69	0.39	0.2	0.08	0.02	0.007	0.001	-0.001	-0.001	0	0.005	0	2.59
0.12	0.04	0.008	0	-0.003	0	0.001	0.007	4.46	2.68	1.9	1.31	0.84	0.49	0.25	0.1	0.03	0.008	0	-0.003	0	0.001	0.007	0	2.8
0.17	0.05	0.01	0	-0.004	0	0.002	0.007	4.63	2.91	2.14	1.53	1.02	0.62	0.33	0.14	0.04	0.01	0	-0.004	0	0.002	0.007	0	2.66
0.22	0.07	0.01	0.002	-0.005	0.001	0.001	0.005	4.82	3.17	2.41	1.78	1.22	0.77	0.42	0.19	0.06	0.01	0.002	-0.005	0.001	0.001	0.005	0	2.19
0.28	0.1	0.02	0.003	-0.006	0.001	0.001	0.006	5.01	3.44	2.68	2.04	1.45	0.94	0.52	0.24	0.08	0.02	0.003	-0.006	0.001	0.001	0.006	0	2.48
0.34	0.12	0.03	0.003	-0.006	0	0.001	0.006	5.2	3.7	2.96	2.31	1.68	1.11	0.63	0.29	0.1	0.02	0.003	-0.006	0	0.001	0.006	113.3	2.73
0.4	0.15	0.04	0.003	-0.007	0	0.001	0.007	5.36	3.95	3.23	2.57	1.91	1.29	0.74	0.35</									

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.76	0.44	0.22	0.09	0.02	0.005		0.001	5.67	4.35	3.62	2.95	2.29	1.68	1.15	0.73	0.42	0.21	0.09	0.02	0.005		0.001	0	2.41
0.73	0.43	0.21	0.09	0.03	0.008		0	5.64	4.29	3.54	2.88	2.21	1.62	1.11	0.71	0.41	0.2	0.09	0.02	0.008		0	66.3	1.88
0.7	0.41	0.21	0.09	0.03	0.01	0.005	0.001	5.63	4.25	3.49	2.81	2.15	1.56	1.07	0.68	0.39	0.2	0.08	0.03	0.01	0.005	0.001	0	1.61
0.68	0.4	0.2	0.09	0.03	0.01	0.006	0.002	5.65	4.23	3.46	2.77	2.1	1.52	1.03	0.66	0.38	0.19	0.08	0.03	0.01	0.006	0.002	0	2.28
0.66	0.39	0.2	0.08	0.03	0.01	0.005	0.003	5.67	4.23	3.45	2.76	2.08	1.49	1.01	0.64	0.37	0.19	0.08	0.03	0.01	0.005	0.003	0	2.58
0.65	0.38	0.19	0.08	0.03	0.01	0.004	0.003	5.71	4.24	3.45	2.75	2.07	1.48	0.99	0.62	0.36	0.18	0.07	0.03	0.01	0.004	0.003	0	2.52
0.63	0.37	0.19	0.08	0.03	0.01	0.003	0.003	5.75	4.27	3.47	2.76	2.07	1.47	0.97	0.61	0.35	0.18	0.07	0.02	0.01	0.003	0.003	0	2.2
0.62	0.36	0.18	0.07	0.03	0.01	0.002	0.002	5.77	4.29	3.48	2.77	2.08	1.47	0.96	0.59	0.34	0.17	0.07	0.02	0.01	0.002	0.002	0	2.29
0.61	0.35	0.18	0.07	0.02	0.01	0.002	0.002	5.78	4.3	3.49	2.78	2.09	1.47	0.96	0.58	0.33	0.17	0.06	0.02	0.01	0.002	0.002	0	2.59
0.6	0.34	0.17	0.07	0.02	0.01	0.002	0.002	5.78	4.31	3.5	2.79	2.09	1.47	0.95	0.57	0.32	0.16	0.06	0.02	0.01	0.002	0.002	0	2.67
0.6	0.34	0.17	0.07	0.02	0.01	0.002	0.001	5.76	4.31	3.51	2.8	2.1	1.47	0.94	0.56	0.32	0.16	0.06	0.02	0.01	0.002	0.001	0	2.51
0.59	0.33	0.16	0.07	0.02	0.01	0.001	0.001	5.73	4.3	3.51	2.81	2.11	1.47	0.94	0.56	0.31	0.15	0.06	0.02	0.01	0.001	0.001	0	1.98
0.58	0.32	0.16	0.06	0.02	0.01	0.001	0.001	5.7	4.29	3.51	2.82	2.11	1.47	0.94	0.55	0.3	0.15	0.06	0.02	0.01	0.001	0.001	0	2.17
0.58	0.32	0.16	0.06	0.02	0.009	0.001	0.001	5.67	4.28	3.52	2.83	2.13	1.49	0.94	0.55	0.3	0.15	0.06	0.02	0.009	0.001	0.001	0	2.52
0.59	0.32	0.16	0.06	0.02	0.006	0.001	0.001	5.64	4.28	3.53	2.85	2.15	1.51	0.96	0.56	0.3	0.15	0.06	0.02	0.006	0.001	0.001	0	2.51
0.6	0.32	0.16	0.06	0.02	0.004	0	0.001	5.61	4.27	3.55	2.88	2.19	1.54	0.98	0.57	0.31	0.15	0.06	0.01	0.004	0	0.001	0	1.85
0.63	0.34	0.17	0.07	0.02	0.003	0.001	0.001	5.59	4.28	3.57	2.92	2.24	1.59	1.03	0.6	0.32	0.16	0.06	0.01	0.003	0.001	0.001	0	2.09
0.67	0.36	0.18	0.07	0.02	0.004	0.002	0	5.57	4.29	3.61	2.97	2.3	1.65	1.08	0.64	0.35	0.17	0.07	0.02	0.004	0.002	0	0	2.49
0.72	0.4	0.2	0.09	0.03	0.007		0.001	5.55	4.31	3.65	3.03	2.38	1.74	1.16	0.7	0.38	0.19	0.08	0.03	0.007		0.001	0	2.21
0.79	0.45	0.23	0.1	0.04	0.01		0	5.54	4.34	3.71	3.11	2.47	1.84	1.25	0.76	0.43	0.22	0.1	0.04	0.01		0	0	1.89
0.88	0.51	0.27	0.13	0.06	0.02	0.01	0.002	5.55	4.38	3.78	3.21	2.59	1.96	1.36	0.85	0.49	0.26	0.12	0.05	0.02	0.01	0.002	0	1.97
0.97	0.57	0.31	0.15	0.07	0.02	0.01	0.004	5.56	4.43	3.87	3.32	2.72	2.09	1.48	0.95	0.56	0.3	0.15	0.07	0.02	0.01	0.004	0	2.41
1.06	0.64	0.34	0.17	0.08	0.02	0.01	0.003	5.59	4.49	3.95	3.43	2.85	2.22	1.6	1.04	0.62	0.33	0.17	0.07	0.02	0.01	0.003	0	2.57
1.16	0.7	0.38	0.19	0.08	0.02	0.01	0.002	5.62	4.55	4.04	3.54	2.97	2.36	1.72	1.14	0.69	0.37	0.18	0.08	0.02	0.01	0.002	740.7	2.33
1.25	0.77	0.42	0.2	0.08	0.02	0.01	0.002	5.66	4.61	4.13	3.65	3.1	2.49	1.85	1.24	0.76	0.41	0.2	0.08	0.02	0.01	0.002	0	1.81
0.003	0.007	0.01	0.01	-0.02	0.004	0.002	0.001	0.32							0.003	0.007	0.01	0.01	-0.02	0.004	0.002	0.001	0	2.34
0.005	0.006	0.01	0.01	-0.02	0.004	0.002	0.001	0.36							0.005	0.006	0.01	0.01	-0.02	0.004	0.002	0.001	0	1.7
0.007	0.005	0.01	0.01	-0.02	0.003	0.002	0.001	0.41							0.007	0.005	0.01	0.01	-0.02	0.003	0.002	0.001	0	1.77
0.009	0.003	0.01	0.01	-0.02	0.003	0.002	0.001	0.49							0.009	0.003	0.01	0.01	-0.02	0.003	0.002	0.001	0	1.41
0.01	0.001	0.01	0.01	-0.02	0.003	0.002	0.001	0.59	0.12	0.01					0.01	0.001	0.01	0.01	-0.02	0.003	0.002	0.001	0	1.75
	0.002	0.007	0.007	-0.02	0.002	0.002	0.002	0.71	0.16	0.05	0.02					0.002	0.007	0.007	-0.02	0.002	0.002	0.002	0	1.42
	0.003	0.004	0.004	-0.02	0.002	0.003	0.002	0.85	0.23	0.09	0.06	0.02				0.003	0.004	0.004	-0.02	0.002	0.003	0.002	0	0.81
	0.004	0.001	0.002	-0.02	0.001	0.003	0.002	1.02	0.31	0.16	0.1	0.05				0.004	0.001	0.002	-0.02	0.001	0.003	0.002	0	1.25
		0.001	0	-0.02	0.001	0.003	0.002	1.2	0.43	0.24	0.16	0.09	0.04				0.001	0	-0.02	0.001	0.003	0.002	0	1.64
		0.002	-0.001	-0.02	0	0.003	0.002	1.42	0.57	0.36	0.25	0.15	0.07	0.02			0.002	-0.001	-0.02	0	0.003	0.002	0	1.69
0.01		0.003	-0.003	-0.02	0	0.003	0.002	1.67	0.74	0.5	0.35	0.22	0.12	0.05	0.01		0.003	-0.003	-0.02	0	0.003	0.002	453.7	1.7
0.03		0.003	-0.004	-0.01	0	0.003	0.003	1.94	0.95	0.67	0.48	0.31	0.18	0.08	0.03		0.003	-0.004	-0.01	0	0.003	0.003	0	1.37
0.05		0.001	-0.005	-0.01	-0.001	0.002	0.003	2.24	1.2	0.87	0.64	0.43	0.25	0.13	0.05		0.001	-0.005	-0.01	-0.001	0.002	0.003	0	1.31
0.08	0.02	0.002	-0.006	-0.01	-0.001	0.002	0.003	2.57	1.48	1.11	0.82	0.56	0.35	0.18	0.07	0.02	0.002	-0.006	-0.01	-0.001	0.002	0.003	0	1.87
0.11	0.04	0.008	-0.006	-0.01	-0.001	0.002	0.003	2.92	1.8	1.38	1.04	0.72	0.46	0.25	0.11	0.04	0.008	-0.006	-0.01	-0.001	0.002	0.003	0	1.94
0.16	0.06	0.01	-0.003	-0.01	-0.001	0.002	0.003	3.3	2.14	1.67	1.28	0.91	0.59	0.33	0.16	0.06	0.01	-0.003	-0.01	-0.001	0.002	0.003	64.3	1.69
0.21	0.09	0.02	0.001	-0.009	-0.002	0.001	0.004	3.68	2.51	1.99	1.55	1.12	0.74	0.43	0.22	0.09	0.02	0.001	-0.009	-0.002	0.001	0.004	0	1.62
0.28	0.12	0.04	0.008	-0.006	-0.002	0.001	0.004	4.07	2.88	2.32	1.84	1.35	0.92	0.55	0.29	0.13	0.04	0.008	-0.006	-0.002	0.001	0.004	0	2.08
0.36	0.17	0.06	0.01	-0.003	-0.002	0.001	0.004	4.44	3.25	2.66	2.13	1.6	1.1	0.68	0.37	0.17	0.06	0.01	-0.003	-0.002	0.001	0.004	0	1.96
0.44	0.22	0.09	0.02	0.001	-0.002	0	0.004	4.79	3.61	2.99	2.43	1.85	1.3	0.82	0.46	0.22	0.09	0.02	0.001	-0.002	0	0.004	123.5	1.83
0.54	0.28	0.12	0.03	0.005	-0.002	-0.001	0.004	5.09	3.93	3.3	2.72	2.11	1.51	0.98	0.57	0.29	0.12	0.03	0.005	-0.002	-0.001	0.004	0	1.73
0.64	0.34	0.15	0.05	0.009	-0.001	0.005	0.005	5.33	4.2	3.56	2.98	2.34	1.71	1.13	0.67	0.35	0.15	0.05	0.009	-0.002	-0.001	0.005	0	1.57
0.75	0.41	0.19	0.06	0.01	-0.003	-0.001	0.005	5.52	4.42	3.79	3.21	2.57	1.91	1.29	0.79	0.43	0.19	0.06	0.01	-0.003	-0.001	0.005	0	1.85
0.86	0.48	0.23	0.08	0.01	-0.003	0	0.005	5.66	4.59	3.97	3.4	2.76	2.09	1.45	0.91	0.5	0.23	0.08	0.01	-0.003	0	0.005	0	2.29
0.97	0.56	0.27	0.1	0.02	-0.002	0	0.005	5.75	4.71	4.11	3.56	2.93	2.26	1.6	1.03	0.59	0.28	0.1	0.02	-0.002	0	0.005	512	1.94
1.08	0.64	0.32	0.12	0.03	-0.001	0.001	0.004	5.81	4.79	4.21	3.68	3.07	2.41	1.75	1.15	0.67	0.33	0.12	0.03	-0.001	0.001	0.004	0	1.64
1.18	0.72	0.37	0.15	0.04	0.002	0.002	0.003	5.84	4.83	4.27	3.77	3.18	2.54	1.88	1.27	0.76	0.39	0.15	0.04	0.002	0.002	0.003	0	2.11
1.28	0.8	0.42	0.17	0.05	0.006	0.003	0.002	5.86	4.84	4.3	3.82	3.27	2.65	2	1.38	0.85	0.44	0.18	0.05	0.006	0.003	0.002	0	2.27
1.37	0.88	0.48	0.2	0.06	0.01	0.004	0.002	5.86	4.83	4.31	3.85	3.33	2.74	2.1	1.48	0.94	0.5	0.21	0.07	0.01	0.004	0.002	0	1.87
1.46																								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.75	1.41	1.04	0.69	0.4	0.19	0.07	0.02	5.06	3.99	3.56	3.24	2.92	2.6	2.25	1.89	1.51	1.11	0.73	0.42	0.2	0.07	0.02	0	1.35
1.75	1.41	1.05	0.7	0.4	0.2	0.07	0.02	5.04	3.97	3.55	3.22	2.91	2.59	2.25	1.89	1.51	1.12	0.73	0.42	0.2	0.07	0.02	0	1.66
1.75	1.41	1.05	0.7	0.41	0.2	0.07	0.02	5.01	3.94	3.53	3.21	2.9	2.58	2.24	1.89	1.52	1.12	0.74	0.42	0.2	0.07	0.02	147.4	1.78
1.74	1.41	1.05	0.7	0.41	0.2	0.07	0.02	4.97	3.92	3.52	3.19	2.88	2.56	2.23	1.88	1.52	1.12	0.74	0.43	0.2	0.07	0.02	0	2.62
1.74	1.41	1.06	0.71	0.41	0.2	0.07	0.02	4.92	3.89	3.49	3.17	2.86	2.55	2.22	1.88	1.52	1.13	0.75	0.43	0.21	0.07	0.02	0	2.51
1.73	1.41	1.06	0.71	0.42	0.2	0.07	0.02	4.87	3.85	3.46	3.15	2.84	2.53	2.2	1.87	1.51	1.13	0.75	0.44	0.21	0.07	0.02	0	1.93
1.72	1.4	1.06	0.72	0.42	0.21	0.08	0.02	4.82	3.82	3.43	3.12	2.82	2.51	2.19	1.86	1.51	1.14	0.76	0.44	0.21	0.08	0.02	0	2.16
1.71	1.4	1.06	0.72	0.43	0.21	0.08	0.02	4.77	3.79	3.41	3.1	2.8	2.49	2.17	1.85	1.5	1.14	0.77	0.44	0.22	0.08	0.02	0	2.45
1.7	1.39	1.06	0.73	0.43	0.21	0.08	0.02	4.73	3.76	3.38	3.08	2.78	2.47	2.16	1.84	1.5	1.14	0.77	0.45	0.22	0.08	0.02	0	2.5
1.69	1.39	1.06	0.73	0.43	0.21	0.08	0.02	4.71	3.75	3.37	3.06	2.76	2.46	2.14	1.83	1.49	1.14	0.77	0.45	0.22	0.08	0.02	0	2.45
1.68	1.38	1.06	0.73	0.43	0.21	0.08	0.02	4.7	3.74	3.36	3.06	2.76	2.45	2.14	1.82	1.49	1.13	0.77	0.45	0.21	0.08	0.02	0	1.64
1.68	1.38	1.06	0.72	0.42	0.2	0.08	0.02	4.7	3.74	3.36	3.05	2.76	2.45	2.13	1.82	1.49	1.13	0.77	0.44	0.21	0.08	0.02	0	2.24
1.67	1.38	1.05	0.72	0.42	0.2	0.07	0.02	4.7	3.74	3.36	3.06	2.75	2.45	2.13	1.81	1.48	1.13	0.76	0.44	0.2	0.07	0.02	0	2.39
1.67	1.37	1.05	0.71	0.41	0.19	0.07	0.02	4.71	3.75	3.36	3.06	2.76	2.45	2.13	1.81	1.48	1.12	0.76	0.43	0.2	0.07	0.02	0	2.37
1.67	1.37	1.05	0.71	0.41	0.19	0.07	0.02	4.72	3.75	3.36	3.06	2.76	2.45	2.13	1.8	1.47	1.12	0.75	0.43	0.19	0.07	0.01	0	1.99
1.66	1.36	1.04	0.7	0.4	0.18	0.07	0.01	4.72	3.76	3.37	3.07	2.76	2.45	2.12	1.8	1.47	1.11	0.74	0.42	0.19	0.07	0.01	0	2.15
1.66	1.36	1.03	0.69	0.4	0.18	0.07	0.01	4.73	3.77	3.38	3.07	2.77	2.45	2.12	1.79	1.46	1.11	0.73	0.42	0.18	0.07	0.01	0	2.38
1.66	1.36	1.03	0.69	0.39	0.17	0.07	0.01	4.74	3.77	3.39	3.08	2.77	2.45	2.12	1.79	1.45	1.1	0.73	0.41	0.18	0.07	0.01	0	2.31
1.66	1.35	1.02	0.68	0.38	0.17	0.06	0.01	4.76	3.79	3.4	3.09	2.78	2.46	2.12	1.79	1.45	1.09	0.72	0.4	0.18	0.07	0.01	0	1.55
1.65	1.34	1.01	0.67	0.38	0.17	0.06	0.01	4.78	3.8	3.41	3.1	2.79	2.46	2.12	1.78	1.44	1.07	0.7	0.39	0.17	0.06	0.01	0	2.22
1.65	1.33	1	0.66	0.37	0.17	0.06	0.01	4.8	3.82	3.43	3.12	2.8	2.46	2.12	1.77	1.43	1.06	0.69	0.39	0.17	0.06	0.01	0	2.35
1.64	1.32	0.98	0.65	0.36	0.16	0.06	0.01	4.81	3.84	3.44	3.13	2.8	2.47	2.12	1.76	1.41	1.04	0.68	0.38	0.17	0.06	0.01	0	1.76
1.63	1.31	0.97	0.63	0.36	0.16	0.06	0.01	4.83	3.85	3.45	3.14	2.81	2.47	2.11	1.75	1.4	1.03	0.67	0.37	0.16	0.06	0.01	0	1.53
1.62	1.29	0.95	0.62	0.35	0.16	0.06	0.01	4.84	3.87	3.46	3.14	2.81	2.47	2.11	1.74	1.38	1.01	0.65	0.36	0.16	0.06	0.01	0	1.66
1.61	1.28	0.94	0.61	0.34	0.15	0.06	0.01	4.85	3.88	3.47	3.15	2.81	2.46	2.1	1.73	1.36	0.99	0.64	0.35	0.15	0.06	0.01	0	1.84
1.6	1.26	0.92	0.6	0.33	0.15	0.06	0.01	4.86	3.89	3.47	3.15	2.81	2.46	2.09	1.71	1.34	0.97	0.62	0.34	0.15	0.06	0.01	0	1.7
1.59	1.25	0.91	0.58	0.32	0.14	0.05	0.01	4.86	3.89	3.47	3.15	2.81	2.45	2.08	1.7	1.32	0.95	0.61	0.33	0.14	0.05	0.01	0	1.67
1.59	1.24	0.89	0.57	0.31	0.14	0.05	0.01	4.87	3.88	3.47	3.15	2.81	2.45	2.07	1.68	1.3	0.93	0.59	0.32	0.14	0.05	0.01	0	1.54
1.58	1.23	0.88	0.56	0.3	0.13	0.05	0.01	4.88	3.88	3.48	3.15	2.8	2.44	2.06	1.67	1.29	0.91	0.57	0.31	0.13	0.05	0.01	0	1.93
1.58	1.22	0.87	0.54	0.29	0.13	0.04	0.01	4.88	3.88	3.48	3.15	2.8	2.44	2.05	1.66	1.27	0.9	0.56	0.29	0.13	0.04	0.01	0	2
1.58	1.21	0.85	0.53	0.28	0.12	0.04	0.01	4.89	3.88	3.48	3.15	2.8	2.44	2.05	1.65	1.26	0.88	0.54	0.28	0.12	0.04	0.01	0	1.82
1.58	1.2	0.84	0.51	0.27	0.11	0.04	0.01	4.9	3.88	3.48	3.15	2.8	2.43	2.04	1.64	1.24	0.86	0.52	0.27	0.11	0.03	0.01	0	1.96
1.58	1.2	0.83	0.5	0.25	0.1	0.03	0.008	4.9	3.88	3.48	3.15	2.8	2.43	2.03	1.63	1.22	0.84	0.5	0.25	0.1	0.03	0.008	0	1.97
1.58	1.19	0.81	0.48	0.24	0.09	0.03	0.006	4.91	3.88	3.48	3.14	2.8	2.42	2.02	1.61	1.21	0.82	0.48	0.23	0.09	0.03	0.006	0	1.77
1.58	1.18	0.79	0.46	0.22	0.09	0.02	0.005	4.92	3.88	3.47	3.14	2.79	2.42	2.01	1.6	1.19	0.79	0.46	0.22	0.08	0.02	0.005	0	1.99
1.57	1.16	0.78	0.45	0.21	0.08	0.02	0.004	4.92	3.88	3.47	3.14	2.78	2.41	2	1.58	1.17	0.77	0.44	0.21	0.08	0.02	0.004	0	2.04
1.57	1.15	0.76	0.43	0.2	0.07	0.02	0.004	4.92	3.87	3.46	3.13	2.78	2.4	1.99	1.57	1.14	0.75	0.42	0.19	0.07	0.02	0.004	0	1.74
1.56	1.14	0.74	0.41	0.19	0.07	0.02	0.003	4.92	3.87	3.45	3.12	2.76	2.39	1.98	1.55	1.12	0.72	0.4	0.18	0.07	0.02	0.003	0	1.78
1.56	1.12	0.72	0.39	0.17	0.06	0.01	0.002	4.92	3.86	3.44	3.11	2.75	2.37	1.96	1.53	1.1	0.7	0.38	0.16	0.06	0.01	0.002	478.3	1.89
1.56	1.11	0.71	0.38	0.16	0.06	0.01	0.002	4.93	3.86	3.43	3.09	2.74	2.36	1.95	1.51	1.08	0.68	0.36	0.15	0.06	0.01	0.002	134.4	1.56
1.55	1.1	0.69	0.36	0.15	0.06	0.01	0.001	4.93	3.85	3.43	3.09	2.73	2.35	1.94	1.5	1.06	0.66	0.34	0.14	0.05	0.01	0.001	0	1.47
1.55	1.09	0.67	0.34	0.14	0.05	0.01	0.001	4.94	3.85	3.42	3.08	2.72	2.35	1.93	1.49	1.04	0.64	0.32	0.13	0.05	0.01	0.001	0	1.43
1.55	1.08	0.66	0.33	0.12	0.05	0.01	0	4.96	3.85	3.42	3.07	2.72	2.34	1.92	1.47	1.03	0.62	0.31	0.11	0.04	0.01	0	0	1.81
1.55	1.08	0.65	0.31	0.11	0.04	0.009	0.001	4.98	3.85	3.42	3.07	2.71	2.33	1.91	1.46	1.01	0.61	0.29	0.1	0.04	0.009	0.001	0	1.81
1.55	1.07	0.63	0.3	0.1	0.04	0.007	0.002	4.99	3.85	3.42	3.06	2.7	2.32	1.9	1.45	1	0.59	0.28	0.1	0.03	0.007	0.002	0	2.01
1.54	1.05	0.62	0.28	0.1	0.03	0.006	0.002	5.01	3.85	3.41	3.05	2.69	2.31	1.89	1.43	0.98	0.57	0.26	0.09	0.03	0.006	0.002	0	1.85
1.53	1.03	0.6	0.27	0.09	0.02	0.005	0.003	5.01	3.84	3.39	3.04	2.67	2.29	1.87	1.41	0.96	0.56	0.25	0.08	0.02	0.005	0.003	0	1.24
1.5	1.01	0.58	0.25	0.08	0.02	0.004	0.004	4.99	3.82	3.37	3.01	2.64	2.26	1.84	1.38	0.93	0.54	0.24	0.07	0.02	0.004	0.004	0	1.9
1.47	0.98	0.56	0.24	0.07	0.01	0.003	0.004	4.97	3.78	3.33	2.97	2.6	2.22	1.8	1.35	0.9	0.51	0.22	0.07	0.01	0.003	0.004	0	2.24
1.42	0.94	0.53	0.23	0.07	0.01	0.003	0.004	4.93	3.75	3.28	2.92	2.56	2.18	1.76	1.31	0.87	0.49	0.21	0.06	0.01	0.003	0.004	0	2.46
1.38	0.91	0.51	0.22	0.07	0.01	0.002	0.004	4.9	3.71	3.24	2.88	2.51	2.13	1.71	1.26	0.84	0.47	0.2	0.06	0.01	0.002	0.004	0	1.63
1.34	0.88	0.49	0.21	0.06	0.01	0.002	0.004	4.88	3.68	3.21	2.84	2.47	2.09	1.67	1.23	0.81	0.45	0.2	0.06	0.01	0.002	0.004	64.3	2.47
1.3	0.85	0.48	0.21	0.06	0.01	0.001	0.004	4.87	3.66	3.19	2.82	2.44	2.06	1.63	1.19	0.78	0.44	0.19	0.06	0.01	0.001	0.004	0	2.49
1.27	0.82	0.46	0.2	0.06	0.01	0.001	0.004	4.87	3.65	3.17	2.79	2.41	2.02	1.6	1.16	0.75	0.43	0.19	0.06					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.12	0.72	0.42	0.21	0.09	0.02	0.004	0.003	5.39	4.23	3.67	3.19	2.67	2.12	1.57	1.08	0.7	0.41	0.21	0.09	0.02	0.004	0.003	66.3	1.89
1.16	0.76	0.45	0.23	0.1	0.03	0.004	0.004	5.4	4.24	3.67	3.21	2.69	2.15	1.61	1.13	0.74	0.44	0.22	0.09	0.02	0.004	0.004	0	1.33
1.21	0.8	0.48	0.25	0.11	0.03	0.005	0.004	5.4	4.23	3.67	3.21	2.71	2.18	1.65	1.17	0.78	0.47	0.24	0.1	0.03	0.005	0.004	0	2.19
1.25	0.84	0.52	0.27	0.11	0.03	0.005	0.005	5.38	4.21	3.65	3.2	2.71	2.2	1.69	1.21	0.81	0.49	0.26	0.11	0.03	0.005	0.005	65	2.46
1.3	0.89	0.55	0.29	0.12	0.03	0.005	0.005	5.36	4.19	3.63	3.19	2.72	2.23	1.72	1.25	0.86	0.53	0.27	0.12	0.03	0.005	0.005	0	2.06
1.35	0.93	0.59	0.31	0.13	0.04	0.006	0.005	5.33	4.15	3.59	3.17	2.71	2.24	1.75	1.3	0.9	0.56	0.3	0.12	0.03	0.006	0.005	0	1.99
1.39	0.98	0.62	0.33	0.14	0.04	0.007	0.006	5.3	4.1	3.56	3.14	2.7	2.25	1.78	1.33	0.94	0.59	0.32	0.13	0.04	0.007	0.006	0	2.17
1.43	1.02	0.66	0.36	0.15	0.04	0.008	0.006	5.25	4.05	3.51	3.1	2.68	2.25	1.8	1.37	0.98	0.63	0.34	0.14	0.04	0.008	0.006	0	1.58
1.46	1.06	0.69	0.38	0.17	0.05	0.009	0.007	5.19	3.99	3.47	3.06	2.66	2.24	1.82	1.4	1.01	0.66	0.36	0.16	0.05	0.009	0.007	0	2
1.49	1.1	0.73	0.41	0.18	0.05	0.009	0.007	5.14	3.93	3.42	3.02	2.63	2.23	1.83	1.42	1.05	0.69	0.39	0.17	0.05	0.009	0.007	0	2.06
1.52	1.13	0.76	0.43	0.19	0.06	0.01	0.008	5.08	3.88	3.38	2.98	2.6	2.22	1.83	1.44	1.08	0.72	0.41	0.18	0.05	0.009	0.008	0	1.96
1.53	1.15	0.78	0.45	0.2	0.06	0.01	0.008	5.03	3.83	3.34	2.94	2.57	2.2	1.83	1.46	1.1	0.74	0.42	0.19	0.06	0.01	0.008	0	1.21
1.54	1.17	0.8	0.46	0.2	0.06	0.01	0.009	4.99	3.8	3.31	2.91	2.54	2.18	1.83	1.47	1.12	0.76	0.44	0.19	0.06	0.01	0.009	0	1.51
1.55	1.19	0.82	0.47	0.21	0.07	0.01	0.009	4.96	3.77	3.28	2.89	2.52	2.17	1.82	1.48	1.13	0.78	0.45	0.2	0.06	0.01	0.009	615.8	1.87
1.56	1.2	0.83	0.48	0.21	0.07	0.01	0.009	4.95	3.76	3.27	2.87	2.5	2.16	1.82	1.48	1.14	0.79	0.46	0.2	0.06	0.01	0.009	0	2.22
1.56	1.2	0.84	0.49	0.21	0.07	0.01	0.009	4.95	3.76	3.26	2.87	2.5	2.15	1.81	1.48	1.14	0.79	0.46	0.2	0.06	0.01	0.009	0	2.23
1.56	1.2	0.84	0.49	0.22	0.07	0.01	0.009	4.96	3.77	3.26	2.87	2.5	2.15	1.81	1.48	1.14	0.8	0.46	0.2	0.06	0.01	0.009	0	1.7
1.55	1.2	0.84	0.49	0.22	0.07	0.01	0.009	4.98	3.78	3.27	2.87	2.5	2.15	1.81	1.47	1.14	0.79	0.46	0.2	0.06	0.01	0.009	0	1.85
1.54	1.18	0.82	0.48	0.21	0.07	0.01	0.008	5	3.78	3.27	2.87	2.49	2.14	1.8	1.46	1.12	0.78	0.46	0.2	0.06	0.01	0.008	0	2.21
1.52	1.16	0.81	0.47	0.21	0.07	0.01	0.008	5	3.78	3.27	2.86	2.49	2.13	1.78	1.44	1.11	0.77	0.45	0.2	0.06	0.01	0.008	0	2.32
1.49	1.13	0.78	0.45	0.2	0.06	0.01	0.006	4.98	3.77	3.25	2.85	2.47	2.11	1.76	1.42	1.08	0.74	0.43	0.19	0.06	0.01	0.006	0	2.35
1.46	1.1	0.75	0.43	0.19	0.06	0.01	0.006	4.96	3.75	3.22	2.83	2.45	2.09	1.74	1.39	1.04	0.71	0.41	0.18	0.05	0.01	0.006	0	2.23
1.43	1.07	0.72	0.41	0.18	0.05	0.01	0.006	4.93	3.73	3.2	2.81	2.43	2.07	1.71	1.36	1.01	0.68	0.39	0.17	0.05	0.01	0.006	82.2	1.59
1.4	1.04	0.69	0.39	0.17	0.05	0.01	0.005	4.92	3.73	3.19	2.8	2.42	2.06	1.69	1.33	0.98	0.66	0.37	0.16	0.05	0.01	0.005	0	2.51
1.39	1.01	0.67	0.37	0.16	0.05	0.01	0.005	4.93	3.74	3.2	2.8	2.42	2.06	1.69	1.32	0.96	0.63	0.35	0.15	0.04	0.01	0.005	0	2.72
1.37	0.99	0.64	0.35	0.15	0.04	0.01	0.004	4.96	3.76	3.21	2.82	2.43	2.06	1.68	1.3	0.94	0.61	0.33	0.14	0.04	0.01	0.004	0	2.73
1.36	0.97	0.62	0.33	0.14	0.04	0.009	0.004	5	3.78	3.23	2.83	2.45	2.07	1.68	1.29	0.92	0.58	0.31	0.13	0.03	0.009	0.004	0	2.45
1.35	0.95	0.59	0.31	0.13	0.03	0.008	0.004	5.05	3.81	3.25	2.85	2.46	2.08	1.68	1.28	0.9	0.56	0.29	0.12	0.03	0.008	0.004	0	2.07
1.34	0.93	0.57	0.29	0.12	0.03	0.007	0.004	5.09	3.83	3.27	2.87	2.47	2.08	1.68	1.27	0.88	0.53	0.27	0.11	0.03	0.007	0.004	0	2.67
1.33	0.91	0.55	0.27	0.1	0.02	0.006	0.004	5.12	3.84	3.28	2.88	2.48	2.08	1.67	1.25	0.85	0.51	0.25	0.09	0.02	0.006	0.004	0	2.78
1.3	0.89	0.52	0.25	0.09	0.02	0.005	0.004	5.12	3.83	3.28	2.87	2.47	2.07	1.65	1.22	0.83	0.49	0.23	0.06	0.02	0.005	0.004	0	2.64
1.27	0.85	0.49	0.23	0.08	0.01	0.004	0.003	5.1	3.8	3.25	2.84	2.44	2.04	1.62	1.19	0.8	0.46	0.21	0.08	0.01	0.004	0.003	0	2.01
1.23	0.81	0.46	0.21	0.07	0.01	0.003	0.003	5.06	3.76	3.22	2.81	2.41	2	1.58	1.15	0.76	0.43	0.19	0.07	0.01	0.003	0.003	0	2.12
1.18	0.77	0.43	0.19	0.07	0.01	0.003	0.002	5.02	3.72	3.18	2.77	2.37	1.96	1.54	1.11	0.72	0.4	0.18	0.06	0.01	0.003	0.002	0	2.44
1.14	0.73	0.4	0.18	0.06	0.01	0.003	0.001	4.99	3.69	3.16	2.74	2.34	1.93	1.5	1.07	0.68	0.37	0.16	0.06	0.01	0.003	0.001	0	2.58
1.11	0.7	0.38	0.16	0.06	0.01	0.003	0	4.98	3.68	3.14	2.73	2.32	1.91	1.47	1.03	0.65	0.35	0.15	0.05	0.01	0.003	0	79.6	2.45
1.07	0.67	0.35	0.15	0.05	0.01		0	4.98	3.68	3.14	2.72	2.31	1.88	1.44	1	0.62	0.32	0.14	0.05	0.01		0	0	2.04
1.04	0.63	0.33	0.14	0.05	0.01		0	5.01	3.69	3.14	2.71	2.29	1.86	1.41	0.97	0.59	0.3	0.13	0.04	0.01		0	0	1.76
1.01	0.61	0.31	0.13	0.05	0.01	0.006	0.001	5.04	3.71	3.15	2.71	2.29	1.85	1.38	0.94	0.56	0.28	0.12	0.04	0.01	0.006	0.001	0	2.3
0.97	0.58	0.29	0.12	0.04	0.01	0.008	0.001	5.06	3.72	3.15	2.71	2.27	1.82	1.35	0.91	0.53	0.26	0.11	0.04	0.01	0.008	0.001	266.9	2.44
0.94	0.55	0.27	0.11	0.04	0.01	0.009	0.002	5.08	3.72	3.15	2.7	2.26	1.8	1.32	0.87	0.51	0.25	0.1	0.04	0.01	0.009	0.002	118.9	2.33
0.91	0.52	0.25	0.1	0.04	0.01	0.009	0.002	5.09	3.72	3.14	2.68	2.23	1.77	1.29	0.84	0.48	0.23	0.09	0.03	0.01	0.009	0.002	0	1.7
0.87	0.49	0.23	0.09	0.04	0.01	0.009	0.003	5.09	3.72	3.13	2.67	2.21	1.74	1.26	0.81	0.46	0.22	0.08	0.03	0.01	0.009	0.003	0	2.2
0.84	0.47	0.22	0.09	0.03	0.01	0.008	0.002	5.09	3.71	3.12	2.65	2.18	1.71	1.23	0.78	0.44	0.2	0.08	0.03	0.01	0.008	0.002	0	2.44
0.82	0.45	0.21	0.08	0.03	0.01	0.007	0.002	5.1	3.71	3.11	2.63	2.16	1.69	1.2	0.76	0.42	0.19	0.07	0.03	0.01	0.007	0.002	0	2.3
0.79	0.43	0.19	0.07	0.03	0.01	0.005	0.002	5.11	3.71	3.11	2.62	2.14	1.66	1.17	0.74	0.4	0.18	0.06	0.02	0.01	0.005	0.002	0	1.54
0.77	0.42	0.18	0.06	0.02	0.01	0.004	0.002	5.12	3.71	3.1	2.61	2.12	1.64	1.15	0.72	0.38	0.17	0.05	0.02	0.01	0.004	0.002	588.4	1.73
0.75	0.4	0.17	0.05	0.02	0.009	0.002	0.001	5.12	3.71	3.09	2.59	2.1	1.62	1.13	0.7	0.37	0.16	0.05	0.01	0.009	0.002	0.001	0	2.17
0.73	0.39	0.16	0.04	0.01	0.006		0	5.1	3.69	3.07	2.57	2.07	1.59	1.1	0.68	0.36	0.15	0.04	0.01	0.006		0	0	2.35
0.7	0.37	0.15	0.04	0.01	0.004		0.001	5.05	3.65	3.03	2.53	2.03	1.55	1.07	0.65	0.34	0.14	0.04	0.01	0.004		0.001	0	2.46
0.67	0.36	0.15	0.04	0.01	0.004		0.001	4.98	3.6	2.97	2.48	1.98	1.5	1.03	0.63	0.33	0.14	0.03	0.01	0.004		0.001	0	2.51
0.65	0.34	0.15	0.04	0.01	0.005		0	4.9	3.54	2.91	2.43	1.93	1.45	1	0.61	0.32	0.14	0.04	0.01	0.005		0	0	2.32
0.62	0.34	0.15	0.05	0.02	0.008	0.003	0.001	4.82	3.48	2.86	2.37	1.88	1.4	0.96	0.59	0.32	0.14	0.04	0.01	0.008	0.003	0.001	0	1.41
0.61	0.33	0.15	0.05	0.02	0.01	0.006	0.002	4.76	3.44	2.81	2.33	1.83	1.37	0.93	0									

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.88	0.53	0.27	0.11	0.03	0.01	-0.001	0.002	4.94	3.63	3.05	2.61	2.2	1.79	1.36	0.93	0.55	0.27	0.11	0.03	0.01	-0.001	0.002	0	2.32
0.86	0.51	0.25	0.1	0.03	0.01	-0.002	0.002	4.96	3.65	3.06	2.62	2.19	1.78	1.34	0.9	0.53	0.26	0.1	0.03	0.01	-0.002	0.002	169.8	1.73
0.83	0.48	0.24	0.09	0.03	0.01	-0.002	0.001	4.98	3.67	3.08	2.63	2.19	1.76	1.31	0.86	0.5	0.24	0.09	0.02	0.01	-0.002	0.001	0	2.2
0.8	0.46	0.22	0.08	0.02	0.01	-0.002	0.001	5.01	3.69	3.09	2.63	2.18	1.74	1.27	0.83	0.47	0.22	0.08	0.02	0.01	-0.002	0.001	0	2.2
0.77	0.43	0.21	0.08	0.02	0.01	-0.001	0.001	5.05	3.72	3.12	2.64	2.18	1.72	1.24	0.8	0.44	0.21	0.08	0.02	0.01	-0.001	0.001	0	2.01
0.74	0.41	0.19	0.07	0.02	0.009	-0.001	0.001	5.09	3.75	3.14	2.65	2.17	1.69	1.21	0.76	0.42	0.19	0.07	0.02	0.009	-0.001	0.001	0	1.99
0.71	0.39	0.18	0.07	0.02	0.008	-0.001	0.001	5.14	3.79	3.16	2.66	2.16	1.67	1.17	0.73	0.39	0.18	0.07	0.02	0.008	-0.001	0.001	0	1.33
0.68	0.36	0.17	0.06	0.02	0.007	-0.001	0.001	5.18	3.81	3.17	2.66	2.14	1.63	1.13	0.69	0.37	0.17	0.06	0.02	0.007	-0.001	0.001	0	2.21
0.65	0.35	0.16	0.06	0.02	0.006	0	0.001	5.2	3.83	3.18	2.65	2.12	1.6	1.09	0.66	0.35	0.16	0.06	0.02	0.006	0	0.001	0	2.52
0.62	0.33	0.15	0.06	0.02	0.005	0	0.001	5.22	3.83	3.18	2.63	2.08	1.55	1.05	0.63	0.33	0.15	0.06	0.01	0.005	0	0.001	66.2	2.45
0.59	0.32	0.15	0.06	0.01	0.005	0	0	5.22	3.84	3.17	2.61	2.04	1.51	1.01	0.6	0.31	0.15	0.05	0.01	0.005	0	0	0	1.42
0.57	0.3	0.14	0.05	0.01	0.005	0.001	0	5.22	3.84	3.16	2.58	2.01	1.46	0.97	0.57	0.3	0.14	0.05	0.01	0.005	0.001	0	0	2.31
0.55	0.29	0.14	0.05	0.01	0.005	0	0	5.22	3.84	3.15	2.56	1.97	1.42	0.93	0.55	0.29	0.14	0.05	0.01	0.005	0	0	0	2.48
0.54	0.29	0.14	0.05	0.01	0.005	0	0	5.23	3.85	3.15	2.54	1.94	1.39	0.91	0.53	0.28	0.13	0.05	0.01	0.005	0	0	0	2.35
0.53	0.28	0.13	0.05	0.01	0.004	0	0	5.25	3.86	3.15	2.53	1.92	1.36	0.88	0.52	0.28	0.13	0.05	0.01	0.004	0	0	0	2.14
0.52	0.28	0.13	0.04	0.01	0.004	0	0	5.28	3.89	3.16	2.53	1.9	1.34	0.87	0.51	0.27	0.12	0.04	0.01	0.004	0	0	0	1.55
0.52	0.27	0.12	0.04	0.009	0.003	0	0	5.3	3.9	3.17	2.53	1.89	1.32	0.85	0.5	0.26	0.12	0.04	0.009	0.003	0	0	0	2.29
0.51	0.27	0.12	0.04	0.003	0.003	0	0	5.32	3.92	3.17	2.52	1.87	1.3	0.83	0.49	0.26	0.11	0.03	0.007	0.003	0	95.3	2.44	
0.5	0.26	0.11	0.03	0.005	0.002	0	0	5.32	3.91	3.16	2.5	1.85	1.28	0.81	0.48	0.25	0.11	0.03	0.005	0.002	0	0	0	2.24
0.49	0.25	0.11	0.03	0.003	0.001	0.001	0	5.3	3.9	3.13	2.46	1.81	1.25	0.79	0.46	0.24	0.1	0.03	0.003	0.001	0.001	0	61.6	1.92
0.47	0.25	0.1	0.03	0.003	0	0.001	0.001	5.27	3.87	3.09	2.42	1.76	1.21	0.87	0.45	0.23	0.1	0.03	0.003	0	0.001	0.001	0	1.69
0.45	0.24	0.1	0.03	0.003	0	0.001	0.001	5.24	3.83	3.04	2.36	1.71	1.16	0.73	0.42	0.22	0.09	0.02	0.003	0	0.001	0.001	0	1.53
0.43	0.23	0.09	0.03	0.003	0.001	0.001	0.001	5.22	3.79	2.99	2.3	1.66	1.12	0.7	0.4	0.21	0.09	0.02	0.003	0.001	0.001	0.001	0	2.12
0.41	0.21	0.09	0.02	0.004	0.001	0.001	0.001	5.21	3.76	2.94	2.25	1.6	1.07	0.66	0.38	0.2	0.08	0.02	0.004	0.001	0.001	0.001	0	2.5
0.39	0.2	0.09	0.02	0.005	0.001	0	0.001	5.21	3.73	2.9	2.19	1.55	1.02	0.63	0.36	0.19	0.08	0.02	0.005	0.001	0	0.001	0	2.47
0.37	0.19	0.08	0.02	0.006	0.002	0	0	5.23	3.71	2.86	2.15	1.5	0.98	0.6	0.34	0.18	0.08	0.02	0.006	0.002	0	0	0	1.97
0.36	0.18	0.08	0.02	0.008	0.002	0	0	5.24	3.7	2.83	2.1	1.45	0.94	0.57	0.32	0.17	0.07	0.02	0.008	0.002	0	0	0	2.05
0.34	0.18	0.08	0.02	0.01	0.004	0	0.001	5.25	3.69	2.8	2.07	1.41	0.91	0.55	0.31	0.16	0.07	0.02	0.01	0.004	0	0.001	0	2.46
0.33	0.17	0.07	0.02	0.01	0.005	0	0.001	5.25	3.68	2.78	2.04	1.38	0.88	0.53	0.29	0.15	0.06	0.02	0.01	0.005	0	0.001	62.2	2.51
0.31	0.16	0.07	0.02	0.01	0.006	0	0.001	5.25	3.68	2.77	2.03	1.36	0.86	0.51	0.28	0.15	0.06	0.02	0.01	0.006	0	0.001	0	2.12
0.31	0.16	0.07	0.02	0.01	0.005	0	0.001	5.24	3.68	2.78	2.03	1.36	0.85	0.5	0.27	0.14	0.06	0.01	0.01	0.005	0	0.001	0	1.92
0.3	0.15	0.06	0.01	0.01	0.005	-0.001	0.002	5.24	3.69	2.79	2.05	1.37	0.86	0.5	0.27	0.14	0.05	0.01	0.01	0.005	-0.001	0.002	179.7	2.38
0.31	0.16	0.06	0.01	0.01	0.004	-0.002	0.002	5.24	3.71	2.83	2.09	1.41	0.89	0.51	0.28	0.14	0.05	0.01	0.01	0.004	-0.002	0.002	0	2.41
0.33	0.17	0.07	0.01	0.009	0.004	-0.002	0.002	5.25	3.74	2.89	2.15	1.47	0.93	0.54	0.29	0.15	0.06	0.01	0.009	0.004	-0.002	0.002	0	2.33
0.37	0.18	0.08	0.02	0.009	0.005	-0.002	0.001	5.26	3.78	2.96	2.24	1.55	1	0.59	0.32	0.16	0.07	0.01	0.009	0.005	-0.002	0.001	0	1.9
0.41	0.21	0.09	0.02	0.009	0.004	-0.002	0.001	5.27	3.82	3.03	2.33	1.65	1.08	0.65	0.36	0.18	0.08	0.02	0.009	0.004	-0.002	0.001	0	2.06
0.47	0.24	0.11	0.03	0.009	0.004	-0.001	0.001	5.27	3.86	3.11	2.42	1.75	1.18	0.72	0.41	0.21	0.09	0.02	0.009	0.004	-0.001	0.001	0	2.48
0.53	0.28	0.13	0.04	0.01	0.003	-0.001	0.001	5.27	3.89	3.18	2.52	1.86	1.28	0.8	0.46	0.25	0.11	0.03	0.009	0.003	-0.001	0.001	0	2.5
0.62	0.33	0.16	0.05	0.01	0.004	-0.001	0.001	5.25	3.92	3.24	2.62	1.98	1.39	0.9	0.53	0.29	0.14	0.05	0.01	0.004	-0.001	0.001	0	2.19
0.7	0.39	0.19	0.07	0.02	0.005	-0.001	0.002	5.22	3.93	3.29	2.7	2.08	1.51	1	0.61	0.34	0.16	0.06	0.01	0.005	-0.001	0.002	0	1.73
0.8	0.46	0.23	0.09	0.03	0.007	-0.001	0.002	5.19	3.95	3.34	2.78	2.19	1.62	1.1	0.69	0.4	0.2	0.08	0.02	0.007	-0.001	0.002	196.3	2.37
0.9	0.52	0.26	0.11	0.03	0.009	-0.001	0.002	5.15	3.95	3.37	2.84	2.28	1.73	1.21	0.77	0.45	0.23	0.1	0.03	0.009	-0.001	0.002	0	2.44
1	0.59	0.3	0.13	0.04	0.01	0	0.002	5.13	3.96	3.4	2.9	2.36	1.82	1.3	0.85	0.51	0.26	0.11	0.03	0.009	0	0.002	0	2.4
1.1	0.66	0.34	0.15	0.05	0.01	0	0.003	5.11	3.96	3.42	2.94	2.43	1.92	1.4	0.94	0.57	0.3	0.13	0.04	0.01	0	0.003	0	1.55
1.19	0.73	0.39	0.17	0.06	0.01	0.001	0.003	5.09	3.97	3.43	2.98	2.49	1.99	1.49	1.02	0.63	0.34	0.15	0.05	0.01	0.001	0.003	0	2.37
1.28	0.8	0.43	0.2	0.07	0.02	0.002	0.003	5.08	3.97	3.44	3.01	2.54	2.06	1.57	1.09	0.69	0.37	0.17	0.06	0.01	0.002	0.003	0	2.43
1.36	0.87	0.48	0.22	0.08	0.02	0.003	0.003	5.06	3.96	3.45	3.02	2.57	2.12	1.63	1.16	0.74	0.41	0.19	0.07	0.02	0.003	0.003	0	2.06
1.43	0.92	0.52	0.24	0.09	0.03	0.004	0.002	5.04	3.94	3.44	3.02	2.59	2.15	1.68	1.22	0.79	0.45	0.21	0.08	0.02	0.004	0.002	0	1.68
1.48	0.97	0.55	0.26	0.1	0.03	0.005	0.002	5.01	3.92	3.42	3.01	2.59	2.17	1.72	1.26	0.83	0.48	0.23	0.09	0.03	0.005	0.002	0	1.96
1.51	1.01	0.58	0.28	0.11	0.03	0.005	0.002	4.97	3.88	3.4	2.99	2.58	2.17	1.74	1.29	0.86	0.5	0.24	0.09	0.03	0.005	0.002	0	2
1.54	1.04	0.6	0.29	0.11	0.03	0.006	0.002	4.94	3.85	3.37	2.97	2.57	2.17	1.75	1.31	0.89	0.52	0.25	0.1	0.03	0.006	0.002	0	1.96
1.56	1.06	0.62	0.3	0.12	0.04	0.007	0.002	4.91	3.83	3.36	2.96	2.56	2.17	1.76	1.33	0.91	0.54	0.26	0.1	0.03	0.007	0.002	0	1.39
1.57	1.08	0.64	0.31	0.12	0.04	0.007	0.002	4.9	3.82	3.35	2.95	2.56	2.17	1.77	1.34	0.92	0.55	0.27	0.1	0.03	0.007	0.002	0	1.31
1.58	1.09	0.65	0.32	0.12	0.04	0.008	0.002	4.9	3.81	3.35	2.95	2.56	2.17	1.77	1.35	0.93								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.37	0.88	0.48	0.22	0.09	0.04	0.01	0.008	5.23	4.12	3.62	3.19	2.73	2.25	1.74	1.24	0.79	0.44	0.2	0.08	0.03	0.01	0.008	0	2.58
1.36	0.86	0.47	0.21	0.08	0.04	0.01	0.007	5.25	4.13	3.63	3.2	2.74	2.25	1.73	1.22	0.78	0.43	0.19	0.07	0.03	0.01	0.007	0	2.54
1.34	0.85	0.46	0.21	0.08	0.03	0.01	0.006	5.25	4.13	3.64	3.2	2.73	2.24	1.72	1.21	0.77	0.42	0.19	0.07	0.03	0.01	0.006	0	2.4
1.32	0.83	0.45	0.2	0.07	0.03	0.01	0.006	5.24	4.12	3.63	3.19	2.72	2.22	1.7	1.19	0.75	0.41	0.18	0.06	0.03	0.01	0.006	62.2	1.96
1.29	0.81	0.44	0.19	0.07	0.03	0.01	0.006	5.21	4.1	3.61	3.17	2.7	2.2	1.67	1.16	0.73	0.39	0.17	0.06	0.03	0.01	0.006	178.9	2.16
1.26	0.78	0.42	0.19	0.07	0.03	0.01	0.007	5.19	4.08	3.59	3.15	2.68	2.18	1.65	1.14	0.71	0.38	0.17	0.06	0.03	0.01	0.007	0	2.44
1.24	0.77	0.41	0.18	0.07	0.03	0.01	0.008	5.17	4.07	3.58	3.14	2.66	2.15	1.62	1.12	0.69	0.37	0.16	0.06	0.03	0.01	0.008	0	2.23
1.21	0.75	0.4	0.18	0.07	0.03	0.01	0.009	5.16	4.06	3.57	3.13	2.65	2.14	1.6	1.1	0.68	0.36	0.16	0.06	0.03	0.01	0.009	0	1.94
1.2	0.73	0.39	0.17	0.07	0.03	0.01	0.01	5.16	4.06	3.57	3.12	2.64	2.13	1.59	1.09	0.67	0.36	0.16	0.06	0.03	0.01	0.01	0	1.57
1.49	0.91	0.46	0.18	0.05	0.01	0.001	0.002	5.55	4.64	4.17	3.73	3.2	2.62	1.97	1.35	0.82	0.42	0.16	0.04	0.01	0.001	0.002	0	1.97
1.48	0.89	0.45	0.18	0.05	0.01	0.001	0.001	5.55	4.66	4.18	3.74	3.21	2.62	1.97	1.34	0.81	0.41	0.16	0.04	0.01	0.001	0.001	0	1.96
1.46	0.87	0.44	0.17	0.05	0.01	0.001	0	5.55	4.66	4.18	3.74	3.21	2.62	1.96	1.33	0.8	0.4	0.15	0.04	0.01	0.001	0	0	2.32
1.44	0.86	0.43	0.17	0.06	0.01	0.004	0.002	5.54	4.67	4.19	3.75	3.21	2.62	1.96	1.32	0.79	0.39	0.16	0.05	0.01	0.004	0.002	0	2.35
1.43	0.85	0.42	0.17	0.06	0.01	0.004	0.002	5.55	4.68	4.2	3.76	3.22	2.62	1.96	1.32	0.78	0.38	0.15	0.05	0.01	0.004	0.002	0	1.99
1.43	0.84	0.41	0.17	0.05	0.01	0.003	0.001	5.58	4.7	4.23	3.78	3.24	2.63	1.96	1.31	0.77	0.37	0.15	0.04	0.01	0.003	0.001	0	1.7
1.42	0.83	0.4	0.16	0.05	0.01	0.001	0.001	5.63	4.74	4.27	3.82	3.27	2.65	1.97	1.31	0.76	0.37	0.14	0.04	0.01	0.001	0.001	0	1.9
1.42	0.82	0.39	0.15	0.04	0.01	-0.001	0.001	5.7	4.8	4.32	3.86	3.31	2.68	1.98	1.31	0.75	0.35	0.13	0.03	0.01	-0.001	0.001	0	2.41
1.42	0.81	0.38	0.14	0.04	0.01	-0.002	0.001	5.78	4.86	4.38	3.91	3.35	2.71	1.99	1.31	0.74	0.34	0.12	0.03	0.01	-0.002	0.001	0	2.51
1.42	0.8	0.37	0.13	0.03	0.01	-0.003	0.001	5.85	4.92	4.44	3.96	3.38	2.73	2	1.3	0.73	0.34	0.12	0.03	0.01	-0.003	0.001	0	1.96
1.42	0.79	0.37	0.13	0.03	0.01	-0.003	0.001	5.91	4.97	4.48	3.99	3.41	2.74	2	1.3	0.72	0.33	0.12	0.02	0.009	-0.003	0.001	0	2.53
1.4	0.78	0.36	0.13	0.03	0.01	-0.002	0	5.94	5	4.49	4	3.41	2.74	1.99	1.29	0.71	0.33	0.12	0.03	0.01	-0.002	0	0	2.77
1.37	0.76	0.36	0.13	0.03	0.01	-0.001	0.001	5.92	4.99	4.47	3.98	3.38	2.7	1.96	1.26	0.7	0.32	0.12	0.03	0.01	-0.001	0.001	0	2.78
1.32	0.73	0.34	0.12	0.03	0.009		0.001	5.86	4.94	4.41	3.91	3.32	2.63	1.9	1.21	0.67	0.31	0.11	0.03	0.009		0.001	0	2.67
1.25	0.69	0.32	0.12	0.03	0.008		0.001	5.78	4.87	4.34	3.83	3.23	2.55	1.82	1.15	0.63	0.29	0.11	0.03	0.008		0.001	0	2.31
1.19	0.65	0.3	0.11	0.03	0.009		0.001	5.7	4.79	4.26	3.75	3.14	2.46	1.74	1.09	0.6	0.27	0.1	0.03	0.009		0.001	0	2.44
1.13	0.62	0.29	0.11	0.03	0.01		0.001	5.63	4.73	4.2	3.67	3.06	2.38	1.67	1.04	0.57	0.26	0.1	0.03	0.01		0.001	396	2.86
1.07	0.59	0.28	0.11	0.04	0.01		0.001	5.59	4.67	4.14	3.61	2.99	2.3	1.6	0.99	0.54	0.25	0.1	0.03	0.01		0.001	73.9	2.8
1.02	0.56	0.27	0.11	0.03	0.01		0.001	5.57	4.64	4.11	3.56	2.93	2.23	1.54	0.94	0.52	0.24	0.1	0.03	0.01		0.001	0	2.47
0.98	0.54	0.26	0.1	0.03	0.01		0.001	5.57	4.62	4.08	3.52	2.88	2.18	1.49	0.91	0.5	0.23	0.09	0.03	0.01		0.001	0	1.7
0.94	0.52	0.25	0.1	0.03	0.01		0.002	5.59	4.61	4.07	3.49	2.84	2.13	1.44	0.87	0.48	0.23	0.09	0.02	0.009		0.002	0	2.45
0.91	0.5	0.24	0.09	0.02	0.008		0.002	5.61	4.61	4.06	3.47	2.8	2.08	1.39	0.84	0.46	0.22	0.08	0.02	0.008		0.002	0	2.65
0.87	0.47	0.22	0.08	0.02	0.006		0.002	5.62	4.61	4.05	3.44	2.76	2.03	1.35	0.81	0.44	0.21	0.07	0.02	0.006		0.002	0	2.64
0.83	0.45	0.21	0.08	0.02	0.005		0.001	5.63	4.6	4.03	3.41	2.71	1.98	1.31	0.78	0.42	0.2	0.07	0.02	0.005		0.001	0	2.17
0.79	0.43	0.2	0.07	0.02	0.004		0	5.62	4.59	4	3.37	2.66	1.93	1.26	0.74	0.37	0.4	0.18	0.06	0.01	0.004	0	0	2.28
0.76	0.4	0.19	0.06	0.01	0.003	0.001	0.001	5.61	4.57	3.97	3.33	2.61	1.88	1.21	0.71	0.38	0.17	0.06	0.01	0.003	0.001	0.001	0	2.63
0.72	0.38	0.17	0.06	0.01	0.001	0.001	0.002	5.59	4.55	3.94	3.29	2.56	1.83	1.17	0.68	0.36	0.16	0.05	0.01	0.001	0.001	0.002	0	2.37
0.68	0.36	0.16	0.05	0.01	0.001	0	0.002	5.56	4.53	3.9	3.25	2.51	1.78	1.13	0.65	0.34	0.15	0.05	0.01	0.001	0	0.002	73.1	1.63
0.65	0.33	0.14	0.05	0.01	0	0	0.002	5.54	4.5	3.87	3.21	2.46	1.73	1.09	0.62	0.32	0.14	0.04	0.01	0	0	0.002	0	2.4
0.62	0.31	0.13	0.04	0.01	-0.001	0	0.002	5.51	4.47	3.83	3.16	2.42	1.68	1.05	0.59	0.3	0.12	0.04	0.009	-0.001	0	0.002	274.1	2.38
0.59	0.29	0.12	0.03	0.008	-0.001	-0.001	0.002	5.48	4.44	3.79	3.11	2.37	1.64	1.01	0.56	0.28	0.11	0.03	0.008	-0.001	-0.001	0.002	0	2.19
0.56	0.27	0.1	0.03	0.006	0	-0.001	0.003	5.45	4.4	3.74	3.06	2.31	1.59	0.98	0.54	0.26	0.1	0.02	0.006	0	-0.001	0.003	0	1.82
0.53	0.25	0.09	0.02	0.004	0	-0.001	0.002	5.41	4.35	3.68	3	2.26	1.55	0.94	0.51	0.24	0.09	0.02	0.004	0	-0.001	0.002	0	2.28
0.5	0.23	0.08	0.02	0.003	0.001	-0.001	0.002	5.36	4.29	3.61	2.93	2.19	1.5	0.9	0.49	0.22	0.08	0.01	0.003	0.001	-0.001	0.002	0	2.02
0.47	0.21	0.07	0.01	0.003	0.002	-0.001	0.001	5.3	4.22	3.55	2.87	2.13	1.45	0.87	0.46	0.21	0.07	0.01	0.003	0.002	-0.001	0.001	0	1.77
0.44	0.2	0.06	0.01	0.002	0.002	-0.001	0.001	5.25	4.16	3.48	2.8	2.07	1.4	0.83	0.43	0.19	0.06	0.01	0.002	0.002	-0.001	0.001	0	2.34
0.42	0.18	0.06	0.01	0.003	0.004	-0.001	0	5.2	4.11	3.42	2.75	2.02	1.36	0.8	0.41	0.17	0.05	0.01	0.003	0.004	-0.001	0	0	2.26
0.4	0.17	0.05	0.01	0.005	0.005	0	0	5.18	4.08	3.39	2.72	1.99	1.33	0.77	0.39	0.16	0.05	0.01	0.005	0.005	0	0	0	1.46
0.38	0.15	0.05	0.01	0.006	0.007	0	0	5.17	4.08	3.38	2.71	1.98	1.31	0.76	0.37	0.15	0.05	0.01	0.006	0.007	0	0	0	2.41
0.37	0.14	0.04	0.01	0.007	0.007	0	0	5.19	4.11	3.4	2.72	1.98	1.31	0.75	0.36	0.14	0.04	0.01	0.007	0.007	0	0	0	2.65
0.35	0.13	0.04	0.01	0.006	0.006	0	0	5.23	4.15	3.44	2.75	2.01	1.32	0.74	0.35	0.13	0.04	0.01	0.006	0.006	0	0	0	2.56
0.35	0.13	0.03	0.009	0.005	0.005		0	5.28	4.21	3.49	2.8	2.04	1.34	0.75	0.35	0.12	0.03	0.009	0.005	0.005		0	0	1.93
0.34	0.12	0.03	0.007	0.004	0.004		0.001	5.33	4.27	3.54	2.84	2.07	1.35	0.75	0.34	0.12	0.03	0.007	0.004	0.004		0.001	0	2.35
0.33	0.11	0.02	0.006	0.005	0.003		0.001	5.37	4.33	3.59	2.89	2.11	1.37	0.75	0.33	0.11	0.02	0.006	0.005	0.003		0.001	0	2.79
0.33	0.1	0.02	0.006	0.006	0.003		0.002	5.39	4.36	3.62	2.92	2.13	1.38	0.75	0.33	0.1	0.02	0.006	0.006	0.003		0.002	161.5	2.71
0.32	0.1	0.02	0.																					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.41	0.25	0.14	0.06	0.02	0.01	-0.003	0.004	5.18	3.85	3.06	2.32	1.61	1.05	0.64	0.4	0.24	0.14	0.06	0.02	0.01	-0.003	0.004	0	2.54
0.38	0.23	0.13	0.06	0.01	0.01	-0.004	0.004	5.17	3.8	3	2.25	1.55	1	0.61	0.37	0.22	0.12	0.05	0.01	0.01	-0.004	0.004	857.1	1.96
0.35	0.22	0.12	0.05	0.01	0.009	-0.004	0.004	5.16	3.75	2.94	2.19	1.49	0.95	0.57	0.34	0.21	0.11	0.05	0.01	0.009	-0.004	0.004	0	2.33
0.33	0.2	0.11	0.04	0.01	0.008	-0.004	0.004	5.14	3.7	2.87	2.12	1.43	0.9	0.53	0.32	0.19	0.1	0.04	0.01	0.008	-0.004	0.004	0	2.5
0.31	0.18	0.1	0.04	0.01	0.007	-0.004	0.004	5.11	3.64	2.8	2.05	1.37	0.85	0.5	0.29	0.18	0.09	0.04	0.01	0.007	-0.004	0.004	163.1	2.34
0.28	0.17	0.09	0.04	0.01	0.006	-0.004	0.004	5.07	3.58	2.73	1.98	1.31	0.8	0.46	0.27	0.16	0.09	0.03	0.01	0.006	-0.004	0.004	0	1.74
0.26	0.16	0.09	0.04	0.01	0.006	-0.003	0.003	5.03	3.52	2.66	1.92	1.26	0.76	0.44	0.25	0.15	0.08	0.03	0.01	0.006	-0.003	0.003	0	2.36
0.25	0.15	0.08	0.03	0.01	0.005	-0.003	0.003	4.98	3.47	2.6	1.87	1.22	0.73	0.41	0.24	0.14	0.08	0.03	0.01	0.005	-0.003	0.003	0	2.55
0.24	0.14	0.08	0.03	0.01	0.005	-0.002	0.003	4.95	3.43	2.56	1.84	1.19	0.71	0.4	0.22	0.13	0.07	0.03	0.01	0.005	-0.002	0.003	0	2.35
0.23	0.13	0.07	0.03	0.01	0.005	-0.002	0.003	4.92	3.4	2.54	1.83	1.18	0.7	0.39	0.22	0.12	0.07	0.03	0.01	0.005	-0.002	0.003	0	1.77
0.23	0.12	0.07	0.03	0.01	0.005	-0.002	0.003	4.91	3.4	2.55	1.84	1.19	0.71	0.4	0.22	0.12	0.06	0.03	0.01	0.005	-0.002	0.003	0	2.31
0.23	0.12	0.06	0.03	0.009	0.005	-0.003	0.003	4.9	3.4	2.57	1.86	1.22	0.74	0.41	0.22	0.12	0.06	0.02	0.009	0.005	-0.003	0.003	0	2.33
0.24	0.12	0.06	0.02	0.006	0.003	-0.003	0.003	4.9	3.42	2.6	1.91	1.27	0.77	0.43	0.23	0.12	0.06	0.02	0.006	0.003	-0.003	0.003	0	1.96
0.26	0.13	0.06	0.02	0.004	0.002	-0.002	0.003	4.92	3.46	2.65	1.97	1.33	0.83	0.47	0.25	0.12	0.06	0.02	0.004	0.002	-0.002	0.003	0	2.09
0.29	0.14	0.06	0.02	0.003	0.001	-0.002	0.003	4.94	3.51	2.72	2.04	1.41	0.89	0.52	0.28	0.13	0.06	0.02	0.003	0.001	-0.002	0.003	0	2.02
0.33	0.16	0.07	0.02	0.004	0.001	-0.001	0.002	4.97	3.57	2.79	2.13	1.5	0.97	0.57	0.31	0.15	0.06	0.02	0.004	0.001	-0.001	0.002	0	2.22
0.36	0.18	0.08	0.03	0.004	0	-0.001	0.002	4.99	3.62	2.87	2.22	1.59	1.05	0.63	0.35	0.17	0.07	0.02	0.004	0	-0.001	0.002	0	1.98
0.41	0.21	0.09	0.03	0.006	-0.001	-0.001	0.002	5.02	3.68	2.95	2.31	1.69	1.14	0.7	0.39	0.2	0.08	0.03	0.006	-0.001	-0.001	0.002	0	1.83
0.46	0.23	0.1	0.03	0.007	-0.001	-0.001	0.002	5.05	3.74	3.03	2.4	1.78	1.23	0.77	0.44	0.22	0.09	0.03	0.007	-0.001	-0.001	0.002	0	1.44
0.51	0.26	0.11	0.04	0.009	-0.001	-0.001	0.003	5.08	3.8	3.1	2.49	1.88	1.32	0.84	0.48	0.25	0.11	0.04	0.009	-0.001	-0.001	0.003	0	1.65
0.56	0.29	0.13	0.05	0.01	-0.001	-0.001	0.003	5.1	3.86	3.17	2.57	1.96	1.4	0.91	0.53	0.28	0.12	0.04	0.01	-0.001	-0.001	0.003	0	1.69
0.61	0.33	0.15	0.05	0.01	0	-0.001	0.003	5.13	3.91	3.23	2.65	2.05	1.48	0.97	0.58	0.31	0.14	0.05	0.01	0	-0.001	0.003	0	2.05
0.66	0.36	0.17	0.06	0.01	0.001	-0.001	0.003	5.15	3.95	3.29	2.72	2.12	1.56	1.04	0.63	0.34	0.16	0.06	0.01	0.001	-0.001	0.003	0	2.03
0.71	0.4	0.19	0.07	0.02	0.003	-0.001	0.003	5.16	3.98	3.34	2.78	2.19	1.62	1.1	0.68	0.37	0.18	0.07	0.01	0.003	-0.001	0.003	0	1.35
0.76	0.43	0.22	0.09	0.02	0.006	-0.001	0.003	5.17	4.01	3.38	2.83	2.24	1.68	1.16	0.72	0.41	0.2	0.08	0.02	0.006	-0.001	0.003	0	2.01
0.81	0.47	0.24	0.1	0.03	0.007	-0.001	0.002	5.16	4.03	3.41	2.86	2.29	1.74	1.21	0.77	0.44	0.23	0.09	0.03	0.007	-0.001	0.002	0	2.44
0.87	0.52	0.27	0.12	0.04	0.01	0	0.002	5.15	4.04	3.43	2.9	2.34	1.79	1.27	0.82	0.49	0.25	0.11	0.03	0.009	0	0.002	0	2.38
0.93	0.57	0.31	0.14	0.05	0.01	0.001	0.002	5.14	4.05	3.46	2.94	2.39	1.85	1.33	0.88	0.53	0.29	0.13	0.04	0.01	0.001	0.002	131.9	1.72
0.99	0.62	0.35	0.16	0.06	0.01	0.002	0.003	5.14	4.08	3.49	2.98	2.44	1.9	1.39	0.94	0.58	0.32	0.15	0.05	0.01	0.002	0.003	0	2.57
1.07	0.69	0.39	0.19	0.07	0.02	0.003	0.003	5.15	4.12	3.54	3.03	2.5	1.97	1.46	1.01	0.64	0.36	0.17	0.06	0.01	0.003	0.003	0	2.78
1.16	0.76	0.44	0.22	0.09	0.02	0.004	0.003	5.19	4.17	3.59	3.1	2.57	2.05	1.54	1.09	0.71	0.41	0.2	0.08	0.02	0.004	0.003	0	2.38
1.24	0.83	0.5	0.25	0.1	0.03	0.005	0.004	5.22	4.22	3.65	3.16	2.64	2.13	1.63	1.17	0.78	0.46	0.23	0.09	0.02	0.005	0.004	0	1.79
1.33	0.91	0.55	0.28	0.12	0.03	0.006	0.004	5.27	4.28	3.72	3.23	2.72	2.21	1.71	1.25	0.85	0.51	0.26	0.11	0.03	0.006	0.004	0	2.42
1.43	0.99	0.61	0.32	0.14	0.04	0.007	0.005	5.3	4.33	3.77	3.3	2.79	2.29	1.79	1.33	0.92	0.57	0.29	0.12	0.03	0.007	0.005	0	2.62
1.51	1.07	0.67	0.36	0.15	0.04	0.009	0.006	5.32	4.37	3.82	3.35	2.85	2.36	1.87	1.41	0.99	0.62	0.33	0.14	0.04	0.009	0.006	0	2.68
1.6	1.15	0.73	0.39	0.17	0.05	0.01	0.008	5.34	4.39	3.86	3.4	2.91	2.42	1.95	1.49	1.06	0.67	0.36	0.15	0.04	0.009	0.008	0	2.47
1.68	1.22	0.79	0.44	0.19	0.06	0.01	0.009	5.34	4.41	3.89	3.44	2.96	2.48	2.02	1.56	1.13	0.73	0.4	0.17	0.05	0.01	0.009	0	1.93
1.77	1.3	0.85	0.48	0.21	0.06	0.01	0.01	5.34	4.43	3.92	3.48	3	2.54	2.08	1.64	1.2	0.79	0.44	0.19	0.06	0.01	0.009	65.3	2.54
1.84	1.37	0.92	0.52	0.24	0.07	0.01	0.01	5.34	4.45	3.95	3.51	3.05	2.59	2.14	1.7	1.27	0.84	0.48	0.21	0.06	0.01	0.01	0	2.51
1.92	1.45	0.98	0.56	0.26	0.08	0.02	0.01	5.36	4.47	3.99	3.55	3.09	2.64	2.21	1.77	1.33	0.9	0.51	0.23	0.07	0.01	0.01	0	2.34
2	1.52	1.04	0.6	0.28	0.09	0.02	0.01	5.39	4.51	4.03	3.6	3.14	2.7	2.27	1.84	1.39	0.95	0.55	0.25	0.08	0.02	0.01	0	1.93
2.07	1.59	1.1	0.64	0.3	0.1	0.02	0.01	5.44	4.55	4.08	3.65	3.2	2.76	2.32	1.9	1.45	1	0.59	0.27	0.09	0.02	0.01	0	1.79
2.14	1.65	1.15	0.68	0.32	0.11	0.02	0.01	5.5	4.6	4.13	3.7	3.25	2.81	2.38	1.95	1.5	1.04	0.62	0.29	0.1	0.02	0.01	0	1.64
2.19	1.7	1.19	0.71	0.33	0.12	0.03	0.01	5.54	4.63	4.16	3.73	3.28	2.84	2.41	1.98	1.54	1.08	0.64	0.3	0.11	0.02	0.01	415.9	1.89
2.22	1.73	1.22	0.73	0.35	0.13	0.03	0.01	5.56	4.64	4.17	3.75	3.3	2.86	2.43	2	1.56	1.1	0.66	0.31	0.11	0.03	0.01	0	2.34
2.22	1.73	1.22	0.73	0.35	0.13	0.03	0.01	5.54	4.63	4.16	3.73	3.29	2.85	2.42	2	1.56	1.1	0.66	0.31	0.11	0.03	0.01	0	2.55
2.21	1.72	1.21	0.73	0.35	0.13	0.03	0.01	5.51	4.6	4.13	3.71	3.27	2.83	2.41	1.98	1.55	1.09	0.65	0.31	0.12	0.03	0.01	0	2.28
2.2	1.71	1.21	0.72	0.35	0.13	0.03	0.01	5.47	4.57	4.1	3.68	3.25	2.81	2.39	1.97	1.53	1.08	0.65	0.31	0.12	0.03	0.01	0	1.76
2.19	1.7	1.2	0.72	0.35	0.13	0.04	0.01	5.44	4.55	4.09	3.67	3.23	2.8	2.37	1.95	1.52	1.07	0.64	0.31	0.12	0.03	0.01	0	2.22
2.17	1.68	1.18	0.7	0.34	0.13	0.04	0.01	5.42	4.53	4.07	3.65	3.22	2.79	2.36	1.93	1.5	1.06	0.63	0.3	0.12	0.03	0.009	0	2.33
2.16	1.66	1.16	0.69	0.33	0.13	0.04	0.01	5.42	4.53	4.07	3.65	3.22	2.78	2.35	1.92	1.49	1.04	0.62	0.3	0.11	0.03	0.009	0	2.59
2.15	1.65	1.14	0.67	0.32	0.12	0.03	0.01	5.43	4.53	4.08	3.66	3.22	2.78	2.34	1.91	1.47	1.02	0.6	0.29	0.11	0.03	0.01	0	2.46
2.13	1.62	1.12	0.65	0.31	0.12	0.03	0.009	5.45	4.54	4.09	3.67	3.23	2.79	2.34	1.89	1.45	1	0.58	0.28	0.11	0.03	0.009	0	1.93
2.11	1.6	1.09	0.6																					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.03	1.43	0.93	0.55	0.3	0.15	0.05	0.02	5.87	5.11	4.69	4.26	3.77	3.22	2.6	1.96	1.38	0.9	0.53	0.28	0.14	0.05	0.01	0	2.01
2.04	1.44	0.94	0.56	0.3	0.15	0.05	0.01	5.89	5.12	4.7	4.27	3.78	3.23	2.61	1.97	1.39	0.91	0.53	0.28	0.14	0.05	0.01	0	1.33
2.04	1.45	0.95	0.56	0.3	0.15	0.05	0.01	5.9	5.13	4.7	4.27	3.78	3.24	2.62	1.98	1.4	0.92	0.54	0.29	0.14	0.05	0.01	0	2.26
2.05	1.46	0.96	0.57	0.31	0.15	0.05	0.01	5.9	5.12	4.7	4.27	3.78	3.23	2.62	1.99	1.41	0.93	0.55	0.29	0.14	0.05	0.01	0	2.45
2.05	1.47	0.97	0.58	0.31	0.15	0.05	0.01	5.89	5.11	4.68	4.25	3.77	3.22	2.62	1.99	1.42	0.94	0.56	0.3	0.14	0.05	0.01	104.6	2.33
2.04	1.47	0.98	0.6	0.32	0.16	0.06	0.01	5.87	5.08	4.65	4.23	3.75	3.21	2.61	2	1.44	0.95	0.58	0.31	0.15	0.05	0.01	0	1.54
2.04	1.48	1	0.62	0.34	0.17	0.06	0.01	5.83	5.05	4.62	4.2	3.72	3.18	2.6	2	1.45	0.97	0.6	0.33	0.16	0.06	0.01	186.7	1.7
2.04	1.49	1.02	0.64	0.36	0.18	0.07	0.01	5.8	5.02	4.59	4.17	3.69	3.16	2.59	2	1.46	1	0.62	0.34	0.17	0.06	0.01	66.7	1.51
2.04	1.51	1.04	0.67	0.38	0.19	0.07	0.02	5.77	5	4.57	4.15	3.67	3.14	2.58	2.01	1.49	1.02	0.65	0.37	0.18	0.07	0.02	0	1.8
2.05	1.53	1.08	0.7	0.4	0.21	0.08	0.02	5.76	4.99	4.56	4.14	3.66	3.14	2.59	2.03	1.52	1.06	0.68	0.39	0.2	0.08	0.02	0	2.47
2.07	1.57	1.11	0.73	0.43	0.22	0.09	0.02	5.78	5	4.57	4.14	3.66	3.15	2.6	2.06	1.55	1.1	0.72	0.42	0.22	0.09	0.02	0	2.59
2.09	1.6	1.15	0.77	0.45	0.24	0.1	0.02	5.81	5.03	4.58	4.16	3.68	3.16	2.62	2.09	1.59	1.14	0.76	0.44	0.23	0.09	0.02	0	2.32
2.12	1.64	1.2	0.8	0.48	0.25	0.11	0.03	5.85	5.06	4.61	4.18	3.69	3.17	2.65	2.12	1.64	1.19	0.79	0.47	0.25	0.1	0.03	0	1.72
2.15	1.68	1.24	0.84	0.51	0.27	0.12	0.03	5.9	5.09	4.64	4.2	3.71	3.19	2.67	2.16	1.68	1.23	0.83	0.5	0.26	0.11	0.03	0	2.35
2.16	1.7	1.26	0.87	0.53	0.28	0.12	0.03	5.93	5.11	4.65	4.21	3.71	3.2	2.68	2.17	1.7	1.26	0.86	0.52	0.27	0.12	0.03	0	2.61
2.16	1.71	1.29	0.89	0.54	0.29	0.13	0.03	5.94	5.11	4.65	4.2	3.7	3.19	2.67	2.18	1.72	1.29	0.89	0.54	0.28	0.13	0.03	0	2.34
2.16	1.72	1.31	0.91	0.56	0.3	0.14	0.04	5.93	5.1	4.63	4.18	3.69	3.17	2.66	2.18	1.74	1.32	0.91	0.56	0.29	0.13	0.03	0	1.49
2.14	1.73	1.33	0.94	0.59	0.32	0.15	0.04	5.88	5.06	4.59	4.15	3.65	3.14	2.64	2.17	1.75	1.34	0.94	0.59	0.32	0.14	0.04	0	1.44
2.13	1.73	1.35	0.96	0.61	0.34	0.16	0.04	5.82	5.02	4.55	4.11	3.62	3.11	2.62	2.17	1.76	1.36	0.97	0.61	0.33	0.15	0.04	0	1.72
2.11	1.73	1.36	0.99	0.64	0.36	0.17	0.05	5.75	4.98	4.5	4.07	3.58	3.08	2.6	2.16	1.76	1.38	1	0.64	0.35	0.16	0.05	0	2.26
2.1	1.73	1.38	1.02	0.67	0.38	0.18	0.06	5.68	4.93	4.45	4.02	3.54	3.05	2.58	2.15	1.77	1.4	1.03	0.67	0.38	0.18	0.05	0	1.84
2.09	1.73	1.39	1.04	0.7	0.4	0.19	0.06	5.62	4.89	4.41	3.99	3.51	3.03	2.56	2.14	1.77	1.41	1.05	0.7	0.4	0.19	0.06	0	2.24
2.08	1.73	1.4	1.06	0.72	0.42	0.2	0.07	5.59	4.88	4.39	3.97	3.5	3.02	2.55	2.13	1.77	1.43	1.07	0.72	0.42	0.19	0.07	0	2.56
2.08	1.74	1.41	1.07	0.73	0.43	0.21	0.07	5.61	4.89	4.4	3.98	3.51	3.02	2.55	2.14	1.78	1.43	1.08	0.73	0.43	0.2	0.07	0	2.81
2.1	1.75	1.42	1.08	0.74	0.44	0.21	0.07	5.65	4.92	4.42	4	3.53	3.04	2.57	2.15	1.78	1.44	1.09	0.74	0.44	0.21	0.07	0	2.5
2.12	1.76	1.43	1.09	0.75	0.45	0.22	0.08	5.72	4.96	4.47	4.04	3.56	3.07	2.59	2.16	1.79	1.45	1.1	0.75	0.44	0.21	0.07	0	2.25
2.13	1.77	1.44	1.09	0.75	0.45	0.22	0.08	5.8	5	4.51	4.08	3.59	3.09	2.61	2.17	1.8	1.45	1.1	0.75	0.44	0.22	0.07	0	1.44
2.15	1.78	1.44	1.09	0.75	0.45	0.22	0.08	5.86	5.03	4.54	4.1	3.61	3.11	2.62	2.18	1.8	1.45	1.09	0.74	0.44	0.21	0.07	0	2.54
2.17	1.79	1.44	1.1	0.75	0.45	0.22	0.08	5.89	5.05	4.57	4.13	3.63	3.13	2.64	2.19	1.8	1.45	1.1	0.75	0.44	0.22	0.08	0	2.75
2.19	1.81	1.46	1.11	0.76	0.46	0.23	0.08	5.9	5.06	4.58	4.14	3.65	3.14	2.65	2.2	1.81	1.45	1.1	0.75	0.45	0.22	0.08	247.8	2.73
2.2	1.82	1.47	1.12	0.77	0.47	0.23	0.08	5.87	5.04	4.56	4.13	3.64	3.15	2.66	2.21	1.82	1.46	1.11	0.76	0.46	0.23	0.08	0	2.54
2.22	1.83	1.48	1.13	0.78	0.47	0.24	0.09	5.81	5.01	4.54	4.11	3.63	3.14	2.66	2.21	1.83	1.47	1.11	0.77	0.46	0.23	0.08	0	2.45
2.23	1.85	1.49	1.14	0.79	0.48	0.24	0.09	5.75	4.98	4.52	4.1	3.62	3.14	2.66	2.22	1.83	1.47	1.12	0.77	0.47	0.23	0.08	0	1.7
2.25	1.86	1.5	1.15	0.8	0.49	0.25	0.09	5.7	4.96	4.49	4.08	3.61	3.13	2.66	2.22	1.84	1.48	1.13	0.78	0.47	0.24	0.08	0	2.39
2.26	1.87	1.51	1.15	0.8	0.49	0.25	0.09	5.66	4.94	4.48	4.07	3.61	3.13	2.66	2.23	1.84	1.48	1.13	0.78	0.47	0.24	0.09	0	2.9
2.27	1.88	1.51	1.16	0.8	0.49	0.25	0.09	5.65	4.94	4.48	4.08	3.61	3.14	2.67	2.23	1.84	1.48	1.13	0.78	0.48	0.24	0.09	0	2.95
2.28	1.89	1.52	1.16	0.8	0.49	0.25	0.09	5.67	4.96	4.49	4.09	3.63	3.15	2.67	2.24	1.85	1.48	1.12	0.77	0.48	0.24	0.09	0	2.75
2.3	1.9	1.52	1.15	0.8	0.49	0.25	0.09	5.7	4.97	4.51	4.11	3.64	3.16	2.68	2.24	1.85	1.48	1.12	0.77	0.48	0.24	0.09	0	1.92
2.31	1.9	1.52	1.15	0.8	0.49	0.25	0.09	5.73	4.99	4.54	4.13	3.66	3.17	2.69	2.24	1.85	1.47	1.11	0.77	0.47	0.24	0.09	0	2.75
2.32	1.91	1.52	1.15	0.8	0.49	0.25	0.09	5.76	5.01	4.56	4.14	3.68	3.18	2.7	2.25	1.85	1.47	1.11	0.77	0.47	0.24	0.09	0	2.9
2.33	1.91	1.53	1.15	0.8	0.49	0.26	0.09	5.77	5.01	4.56	4.15	3.68	3.19	2.7	2.25	1.85	1.48	1.11	0.77	0.47	0.24	0.09	0	2.82
2.33	1.92	1.53	1.16	0.8	0.5	0.26	0.09	5.77	5	4.56	4.15	3.68	3.19	2.7	2.25	1.85	1.48	1.11	0.77	0.48	0.25	0.09	0	2.54
2.33	1.92	1.54	1.16	0.81	0.51	0.27	0.1	5.75	4.98	4.54	4.13	3.67	3.18	2.7	2.25	1.85	1.48	1.12	0.78	0.49	0.25	0.09	0	1.97
2.33	1.92	1.54	1.17	0.83	0.52	0.27	0.1	5.71	4.96	4.52	4.11	3.65	3.17	2.69	2.25	1.85	1.49	1.13	0.8	0.5	0.26	0.09	0	2.61
2.32	1.92	1.55	1.18	0.84	0.53	0.28	0.1	5.69	4.93	4.5	4.1	3.64	3.16	2.68	2.24	1.85	1.49	1.14	0.81	0.51	0.27	0.1	0	2.68
2.32	1.92	1.55	1.19	0.85	0.54	0.28	0.11	5.66	4.91	4.49	4.08	3.63	3.15	2.68	2.24	1.85	1.49	1.14	0.82	0.52	0.27	0.1	0	2.55
2.31	1.91	1.54	1.19	0.85	0.54	0.29	0.11	5.65	4.9	4.48	4.07	3.62	3.14	2.67	2.24	1.85	1.49	1.15	0.82	0.52	0.28	0.1	0	2.09
2.3	1.91	1.54	1.19	0.86	0.55	0.29	0.11	5.65	4.9	4.47	4.07	3.61	3.14	2.67	2.23	1.85	1.49	1.15	0.83	0.53	0.28	0.1	0	1.81
2.3	1.9	1.54	1.19	0.86	0.55	0.29	0.11	5.66	4.9	4.48	4.07	3.62	3.14	2.67	2.23	1.84	1.49	1.15	0.83	0.53	0.28	0.11	0	2.31
2.29	1.9	1.53	1.19	0.86	0.55	0.3	0.11	5.67	4.91	4.48	4.07	3.62	3.14	2.67	2.23	1.84	1.49	1.16	0.84	0.54	0.29	0.11	0	2.4
2.29	1.89	1.53	1.19	0.87	0.56	0.3	0.11	5.68	4.92	4.49	4.08	3.62	3.14	2.67	2.23	1.84	1.49	1.16	0.84	0.54	0.29	0.11	0	2.34
2.28	1.89	1.53	1.2	0.87	0.57	0.31	0.12	5.68	4.92	4.49	4.08	3.62	3.15	2.67	2.23	1.85	1.5	1.17	0.85	0.55	0.3	0.11	65.2	2.07
2.27	1.88	1.53	1.2	0.88	0.58	0.31	0.12	5.68	4.92	4.5	4.08	3.63	3.15	2.68	2.24	1.85	1.51	1.18	0.86	0.56	0.3	0.12	0	1.33
2.27	1.88	1.54	1.21	0.89	0.58	0.32	0.12	5.68	4.93	4.5	4.09	3.63	3.15	2.68	2.25	1.86	1.52	1.19	0.88	0.57	0.31	0.12	0	1.98
2.27	1.89	1.54	1.22	0.9	0.																			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.83	2.35	1.91	1.5	1.11	0.73	0.4	0.15	6.21	5.54	5.17	4.8	4.35	3.85	3.31	2.78	2.3	1.87	1.46	1.08	0.71	0.39	0.15	0	2.85
2.86	2.37	1.92	1.51	1.12	0.74	0.41	0.16	6.24	5.58	5.2	4.83	4.39	3.88	3.34	2.81	2.33	1.88	1.48	1.09	0.72	0.39	0.15	0	2.75
2.89	2.39	1.94	1.52	1.12	0.74	0.41	0.16	6.3	5.63	5.25	4.89	4.44	3.93	3.38	2.84	2.35	1.9	1.49	1.1	0.72	0.4	0.15	71.2	2.48
2.92	2.42	1.96	1.53	1.13	0.75	0.42	0.16	6.39	5.7	5.32	4.95	4.51	3.99	3.43	2.88	2.38	1.92	1.5	1.1	0.72	0.4	0.15	0	2.03
3.35	2.57	1.8	1.1	0.55	0.21	0.05	0.01	7.86	7.18	6.73	6.24	5.63	4.95	4.18	3.38	2.58	1.8	1.09	0.54	0.2	0.05	0.01	0	1.89
3.38	2.6	1.83	1.11	0.55	0.21	0.05	0.01	7.84	7.16	6.7	6.21	5.6	4.92	4.15	3.37	2.58	1.81	1.1	0.54	0.2	0.05	0.01	0	1.88
3.39	2.62	1.84	1.12	0.55	0.21	0.05	0.01	7.83	7.14	6.68	6.19	5.58	4.89	4.13	3.36	2.58	1.81	1.1	0.54	0.2	0.05	0.01	0	1.66
3.4	2.62	1.85	1.12	0.55	0.2	0.05	0.01	7.81	7.11	6.65	6.16	5.55	4.86	4.1	3.33	2.57	1.8	1.09	0.53	0.19	0.05	0.01	0	1.5
3.4	2.63	1.85	1.12	0.54	0.2	0.05	0.01	7.81	7.1	6.64	6.14	5.52	4.83	4.08	3.31	2.55	1.79	1.08	0.52	0.19	0.05	0.01	0	1.3
3.4	2.62	1.84	1.11	0.54	0.19	0.05	0.01	7.79	7.08	6.62	6.12	5.5	4.8	4.05	3.29	2.53	1.77	1.06	0.51	0.18	0.05	0.01	0	1.93
3.39	2.61	1.83	1.09	0.53	0.19	0.05	0.01	7.78	7.06	6.6	6.1	5.47	4.78	4.02	3.26	2.5	1.75	1.04	0.5	0.18	0.05	0.01	0	2.15
3.38	2.59	1.81	1.08	0.51	0.18	0.05	0.01	7.76	7.03	6.58	6.07	5.44	4.74	3.98	3.22	2.47	1.72	1.02	0.48	0.17	0.04	0.01	0	2.22
3.37	2.57	1.78	1.05	0.5	0.17	0.05	0.01	7.74	7.02	6.56	6.05	5.42	4.72	3.95	3.19	2.44	1.69	1	0.47	0.16	0.04	0.01	0	1.73
3.35	2.55	1.76	1.03	0.49	0.17	0.05	0.01	7.73	7.01	6.56	6.04	5.41	4.7	3.93	3.16	2.41	1.66	0.97	0.45	0.16	0.04	0.01	0	1.69
3.35	2.53	1.73	1.01	0.47	0.16	0.04	0.01	7.74	7.02	6.56	6.04	5.41	4.7	3.92	3.14	2.37	1.62	0.94	0.44	0.15	0.04	0.01	0	2.71
3.34	2.51	1.7	0.98	0.46	0.16	0.04	0.01	7.76	7.04	6.58	6.05	5.42	4.7	3.91	3.12	2.34	1.59	0.91	0.42	0.14	0.04	0.01	0	2.62
3.34	2.49	1.67	0.96	0.44	0.15	0.04	0.01	7.79	7.06	6.61	6.07	5.43	4.71	3.9	3.1	2.31	1.55	0.89	0.4	0.14	0.03	0.01	0	2.43
3.33	2.47	1.64	0.93	0.42	0.14	0.04	0.01	7.83	7.1	6.64	6.1	5.46	4.72	3.9	3.08	2.28	1.52	0.86	0.39	0.13	0.03	0.009	0	1.51
3.32	2.44	1.61	0.91	0.41	0.14	0.04	0.009	7.86	7.13	6.67	6.12	5.47	4.72	3.89	3.05	2.24	1.48	0.83	0.37	0.13	0.03	0.009	0	2.45
3.29	2.4	1.57	0.87	0.39	0.13	0.04	0.008	7.88	7.14	6.67	6.12	5.47	4.71	3.87	3.02	2.19	1.44	0.8	0.36	0.12	0.03	0.008	0	2.61
3.24	2.34	1.51	0.84	0.37	0.13	0.04	0.007	7.86	7.12	6.65	6.1	5.44	4.67	3.82	2.95	2.13	1.38	0.67	0.34	0.11	0.03	0.007	49.9	2.58
3.16	2.26	1.44	0.79	0.35	0.12	0.03	0.006	7.8	7.07	6.59	6.04	5.38	4.6	3.74	2.87	2.05	1.31	0.72	0.32	0.11	0.03	0.006	0	2.35
3.06	2.16	1.36	0.74	0.32	0.11	0.03	0.005	7.72	6.98	6.51	5.96	5.29	4.51	3.64	2.77	1.95	1.23	0.67	0.29	0.1	0.03	0.005	0	1.74
2.94	2.05	1.28	0.68	0.3	0.11	0.03	0.004	7.62	6.89	6.41	5.86	5.19	4.4	3.53	2.65	1.84	1.15	0.61	0.27	0.09	0.02	0.004	0	2.28
2.83	1.94	1.2	0.63	0.28	0.1	0.03	0.004	7.52	6.8	6.32	5.77	5.09	4.29	3.41	2.54	1.75	1.07	0.57	0.25	0.09	0.02	0.004	0	2.32
2.73	1.85	1.13	0.59	0.27	0.11	0.03	0.006	7.46	6.74	6.25	5.7	5.01	4.21	3.32	2.44	1.66	1.01	0.53	0.24	0.09	0.03	0.006	0	2.33
2.64	1.77	1.06	0.56	0.25	0.11	0.03	0.008	7.41	6.68	6.19	5.63	4.94	4.13	3.23	2.35	1.58	0.95	0.5	0.23	0.09	0.03	0.008	0	2.42
2.55	1.68	1	0.52	0.24	0.1	0.03	0.009	7.37	6.63	6.13	5.57	4.87	4.05	3.14	2.26	1.5	0.89	0.46	0.21	0.09	0.03	0.009	0	2.12
2.46	1.6	0.94	0.48	0.22	0.1	0.03	0.01	7.33	6.58	6.08	5.52	4.81	3.97	3.06	2.17	1.42	0.83	0.43	0.2	0.09	0.03	0.009	0	2.03
2.37	1.52	0.88	0.44	0.2	0.09	0.03	0.01	7.29	6.53	6.03	5.46	4.74	3.89	2.97	2.09	1.35	0.78	0.39	0.18	0.08	0.03	0.01	0	2.51
2.27	1.44	0.82	0.4	0.18	0.09	0.03	0.01	7.23	6.46	5.96	5.38	4.65	3.8	2.88	2	1.27	0.72	0.36	0.16	0.07	0.03	0.01	0	2.45
2.17	1.35	0.76	0.37	0.17	0.08	0.03	0.01	7.15	6.38	5.88	5.29	4.55	3.7	2.78	1.91	1.19	0.67	0.33	0.15	0.07	0.03	0.01	0	1.98
2.06	1.27	0.7	0.34	0.15	0.07	0.03	0.01	7.06	6.28	5.77	5.18	4.44	3.59	2.67	1.81	1.12	0.62	0.3	0.13	0.06	0.03	0.01	0	1.4
1.95	1.18	0.64	0.3	0.14	0.07	0.03	0.01	6.95	6.17	5.67	5.07	4.33	3.47	2.55	1.71	1.04	0.57	0.27	0.12	0.06	0.03	0.01	0	1.53
1.83	1.09	0.58	0.27	0.12	0.06	0.03	0.01	6.84	6.07	5.56	4.96	4.21	3.35	2.43	1.6	0.96	0.52	0.24	0.11	0.05	0.03	0.01	60.7	1.16
1.72	1.01	0.53	0.24	0.11	0.05	0.03	0.01	6.76	5.97	5.46	4.85	4.1	3.23	2.32	1.51	0.89	0.47	0.21	0.1	0.05	0.03	0.01	0	1.96
1.61	0.93	0.47	0.21	0.09	0.04	0.03	0.01	6.68	5.9	5.37	4.76	4	3.13	2.22	1.41	0.82	0.42	0.19	0.08	0.04	0.02	0.01	0	2.31
1.51	0.85	0.43	0.18	0.08	0.04	0.02	0.01	6.64	5.84	5.31	4.69	3.92	3.04	2.12	1.33	0.75	0.38	0.16	0.07	0.03	0.02	0.009	0	2.47
1.43	0.79	0.39	0.16	0.07	0.03	0.02	0.009	6.62	5.82	5.27	4.64	3.86	2.97	2.05	1.26	0.7	0.34	0.14	0.06	0.03	0.02	0.009	0	2.25
1.36	0.74	0.35	0.15	0.06	0.03	0.02	0.007	6.62	5.8	5.25	4.62	3.82	2.92	1.99	1.2	0.65	0.31	0.13	0.05	0.02	0.02	0.007	0	1.68
1.3	0.69	0.32	0.13	0.05	0.02	0.02	0.005	6.64	5.8	5.24	4.6	3.79	2.87	1.94	1.15	0.61	0.28	0.11	0.04	0.02	0.01	0.005	0	2.32
1.25	0.64	0.29	0.11	0.04	0.02	0.01	0.003	6.65	5.8	5.23	4.58	3.76	2.84	1.89	1.11	0.57	0.26	0.1	0.03	0.01	0.01	0.003	0	2.43
1.2	0.6	0.26	0.1	0.03	0.01		0	6.66	5.8	5.22	4.56	3.74	2.8	1.85	1.06	0.53	0.23	0.08	0.03	0.01		0	0	2.32
1.15	0.56	0.23	0.08	0.02	0.01		0.002	6.66	5.8	5.2	4.54	3.71	2.77	1.81	1.02	0.5	0.2	0.07	0.02	0.01		0.002	0	1.99
1.11	0.52	0.2	0.07	0.01	0.008		0.004	6.67	5.79	5.19	4.53	3.69	2.74	1.78	0.99	0.47	0.18	0.06	0.01	0.008		0.004	91.7	1.97
1.08	0.49	0.18	0.05	0.01	0.005		0.005	6.67	5.8	5.18	4.52	3.67	2.72	1.75	0.96	0.44	0.16	0.04	0.01	0.005		0.005	504.7	2.45
1.05	0.47	0.16	0.04	0.009	0.005		0.003	6.69	5.81	5.19	4.52	3.67	2.71	1.74	0.94	0.42	0.14	0.03	0.009	0.005		0.003	0	2.49
1.04	0.45	0.15	0.03	0.006	0.005		0.002	6.72	5.83	5.2	4.53	3.68	2.71	1.74	0.93	0.4	0.13	0.03	0.006	0.005		0.002	0	2.18
1.03	0.44	0.14	0.03	0.004	0.005	0.001	0	6.77	5.86	5.23	4.55	3.69	2.72	1.74	0.93	0.4	0.12	0.02	0.004	0.005	0.001	0	0	1.28
1.03	0.44	0.13	0.02	0.002	0.005	0.002	0.002	6.8	5.9	5.26	4.57	3.71	2.73	1.74	0.93	0.39	0.11	0.02	0.002	0.005	0.002	0.002	0	2.05
1.03	0.43	0.12	0.02	0.002	0.005	0.002	0.003	6.84	5.93	5.28	4.59	3.73	2.75	1.75	0.93	0.39	0.11	0.01	0.002	0.005	0.002	0.003	0	2.24
1.03	0.43	0.12	0.01	0.001	0.005	0.002	0.005	6.87	5.95	5.3	4.61	3.74	2.75	1.75	0.92	0.38	0.1	0.01	0.001	0.005	0.002	0.005	0	2.29
1.03	0.42	0.11	0.01	0.001	0.004	0.003	0.006	6.89	5.97	5.32	4.62	3.75	2.76	1.75	0.92	0.38	0.1	0.01	0.001	0.004	0.003	0.006	0	1.93
1.02	0.42	0.11	0.01	0	0.004	0.002	0.006	6.89	5.97	5.32	4.62	3.75	2.75	1.74	0.91	0.37	0.1	0.01	0	0.004	0.002	0.006	0	1.39

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.26	0.65	0.28	0.09	0.03	0.01	0.003	0.001	6.42	5.46	4.87	4.27	3.57	2.78	1.95	1.19	0.62	0.27	0.09	0.03	0.01	0.003	0.001	0	1.43
1.29	0.67	0.28	0.1	0.03	0.01	0.004	0.001	6.45	5.5	4.91	4.31	3.61	2.83	1.99	1.22	0.63	0.27	0.09	0.03	0.01	0.004	0.001	0	1.89
1.32	0.68	0.29	0.1	0.03	0.01	0.005	0.001	6.48	5.54	4.95	4.36	3.67	2.88	2.03	1.25	0.65	0.28	0.1	0.03	0.01	0.005	0.001	0	1.91
1.36	0.7	0.3	0.1	0.03	0.01	0.005	0.001	6.52	5.58	5	4.42	3.73	2.94	2.08	1.28	0.66	0.28	0.1	0.03	0.01	0.005	0.001	0	1.74
1.39	0.72	0.3	0.11	0.03	0.01	0.006	0.001	6.57	5.64	5.06	4.49	3.79	3	2.12	1.31	0.68	0.29	0.1	0.03	0.01	0.006	0.001	0	1.38
1.43	0.74	0.31	0.11	0.03	0.01	0.006	0.001	6.62	5.7	5.12	4.55	3.86	3.06	2.17	1.34	0.69	0.29	0.1	0.03	0.01	0.006	0.001	0	1.41
1.46	0.76	0.32	0.11	0.03	0.01	0.005	0.001	6.67	5.75	5.18	4.61	3.92	3.12	2.21	1.36	0.71	0.3	0.1	0.03	0.01	0.005	0.001	477.2	1.37
1.5	0.77	0.33	0.11	0.03	0.009	0.004	0	6.72	5.81	5.24	4.68	3.98	3.16	2.25	1.38	0.72	0.3	0.1	0.03	0.009	0.004	0	0	1.53
1.52	0.79	0.33	0.11	0.03	0.008		0	6.77	5.87	5.29	4.73	4.03	3.2	2.28	1.4	0.72	0.31	0.1	0.03	0.008		0	0	1.86
1.55	0.8	0.34	0.11	0.03	0.008		0.001	6.83	5.93	5.35	4.78	4.07	3.24	2.3	1.41	0.73	0.31	0.1	0.03	0.008		0.001	0	1.91
1.57	0.81	0.34	0.11	0.03	0.007		0.001	6.89	5.98	5.4	4.83	4.11	3.26	2.31	1.42	0.74	0.31	0.1	0.03	0.007		0.001	0	1.72
1.58	0.82	0.34	0.11	0.03	0.006		0.001	6.96	6.04	5.45	4.88	4.14	3.29	2.32	1.42	0.74	0.31	0.1	0.02	0.006		0.001	0	1.6
1.59	0.82	0.34	0.11	0.03	0.005		0.001	7.02	6.09	5.5	4.92	4.17	3.3	2.32	1.42	0.73	0.31	0.1	0.02	0.005		0.001	0	1.77
1.6	0.82	0.34	0.11	0.02	0.004		0.001	7.09	6.15	5.55	4.96	4.2	3.31	2.32	1.41	0.73	0.3	0.1	0.02	0.004		0.001	77.6	1.99
1.6	0.82	0.34	0.11	0.02	0.004	0	0.001	7.15	6.19	5.6	4.99	4.22	3.31	2.31	1.4	0.72	0.3	0.1	0.02	0.004	0	0.001	0	1.68
1.59	0.82	0.34	0.11	0.02	0.004	0	0.001	7.2	6.23	5.64	5.02	4.23	3.31	2.29	1.38	0.71	0.29	0.09	0.02	0.004	0	0.001	0	2.05
1.58	0.8	0.33	0.11	0.02	0.006	-0.001	0	7.22	6.26	5.66	5.03	4.23	3.29	2.27	1.36	0.69	0.29	0.09	0.02	0.006	-0.001	0	0	2.11
1.56	0.79	0.33	0.11	0.02	0.009	0	0.001	7.24	6.27	5.67	5.03	4.22	3.26	2.23	1.33	0.68	0.28	0.09	0.02	0.009	0	0.001	0	2.32
1.55	0.79	0.33	0.11	0.02	0.01	0.001	0.001	7.24	6.27	5.67	5.02	4.19	3.23	2.2	1.3	0.66	0.28	0.09	0.02	0.008	0.001	0.001	0	1.77
1.53	0.78	0.33	0.11	0.03	0.01	0.002	0.002	7.23	6.27	5.66	5	4.16	3.19	2.16	1.27	0.65	0.28	0.09	0.02	0.01	0.002	0.002	0	2.32
1.51	0.77	0.33	0.11	0.03	0.01	0.002	0.003	7.21	6.25	5.64	4.97	4.13	3.15	2.12	1.25	0.64	0.27	0.09	0.02	0.01	0.002	0.003	0	2.4
1.51	0.76	0.32	0.11	0.03	0.01	0.001	0.003	7.2	6.24	5.63	4.95	4.1	3.12	2.09	1.23	0.63	0.27	0.09	0.02	0.01	0.001	0.003	0	2.34
1.51	0.76	0.32	0.1	0.02	0.01	0	0.002	7.2	6.24	5.62	4.94	4.09	3.1	2.08	1.22	0.62	0.26	0.08	0.02	0.01	0	0.002	0	1.93
1.54	0.78	0.33	0.11	0.02	0.01	0	0.002	7.21	6.25	5.63	4.95	4.09	3.11	2.08	1.22	0.63	0.27	0.08	0.02	0.01	0	0.002	0	1.85
1.58	0.81	0.34	0.11	0.02	0.01	-0.001	0.001	7.22	6.26	5.64	4.96	4.1	3.12	2.1	1.24	0.64	0.27	0.08	0.02	0.009	-0.001	0.001	0	2.23
1.64	0.84	0.36	0.11	0.02	0.01	-0.002	0.001	7.24	6.27	5.66	4.98	4.13	3.15	2.13	1.27	0.66	0.28	0.09	0.01	0.01	-0.002	0.001	0	2.23
1.69	0.87	0.37	0.11	0.02	0.009	-0.002	0.001	7.24	6.27	5.67	4.99	4.15	3.18	2.17	1.3	0.68	0.29	0.09	0.01	0.009	-0.002	0.001	0	1.93
1.75	0.91	0.39	0.12	0.02	0.007	-0.001	0.002	7.23	6.27	5.67	5.01	4.17	3.22	2.2	1.33	0.7	0.31	0.09	0.01	0.007	-0.001	0.002	0	1.91
1.81	0.95	0.41	0.12	0.02	0.006	-0.001	0.003	7.2	6.25	5.66	5.01	4.19	3.25	2.24	1.37	0.73	0.32	0.1	0.01	0.006	-0.001	0.003	0	2.04
1.87	0.98	0.42	0.13	0.02	0.006	-0.001	0.003	7.17	6.22	5.64	5	4.2	3.27	2.28	1.4	0.75	0.33	0.1	0.02	0.006	-0.001	0.003	0	2.23
1.93	1.02	0.44	0.14	0.02	0.007	-0.001	0.002	7.13	6.19	5.62	4.99	4.21	3.3	2.31	1.44	0.78	0.34	0.11	0.02	0.007	-0.001	0.002	0	2.1
1.98	1.06	0.46	0.15	0.03	0.008	-0.001	0.001	7.1	6.17	5.6	4.99	4.22	3.33	2.36	1.48	0.81	0.36	0.12	0.02	0.008	-0.001	0.001	0	1.26
2.05	1.1	0.48	0.16	0.03	0.01	-0.001	0.001	7.08	6.16	5.59	4.99	4.24	3.36	2.4	1.52	0.84	0.38	0.12	0.02	0.01	-0.001	0.001	0	2.54
2.11	1.14	0.51	0.17	0.04	0.01	0	0	7.07	6.15	5.59	5	4.26	3.4	2.45	1.56	0.87	0.39	0.13	0.03	0.009	0	0	0	2.56
2.17	1.19	0.53	0.18	0.04	0.01	0	0	7.08	6.15	5.59	5	4.28	3.43	2.49	1.61	0.9	0.41	0.14	0.03	0.009	0	0	0	2.53
2.21	1.22	0.55	0.19	0.04	0.01	0	0.001	7.07	6.14	5.59	5	4.29	3.46	2.52	1.64	0.92	0.43	0.15	0.03	0.01	0	0.001	0	1.86
2.25	1.24	0.56	0.19	0.04	0.007	0	0.003	7.06	6.11	5.57	4.99	4.28	3.47	2.55	1.66	0.94	0.44	0.15	0.03	0.007	0	0.003	0	2.21
2.26	1.26	0.57	0.2	0.04	0.006	0.001	0.003	7.03	6.08	5.53	4.96	4.26	3.46	2.55	1.68	0.96	0.45	0.16	0.03	0.006	0.001	0.003	293.9	2.52
2.26	1.27	0.58	0.2	0.05	0.006	0.001	0.003	6.98	6.02	5.48	4.91	4.23	3.44	2.55	1.68	0.96	0.45	0.16	0.04	0.006	0.001	0.003	271.2	2.65
2.25	1.27	0.59	0.21	0.05	0.007	0.002	0.002	6.91	5.95	5.41	4.85	4.18	3.41	2.53	1.68	0.97	0.46	0.17	0.04	0.007	0.002	0.002	0	2.39
2.23	1.26	0.59	0.21	0.05	0.008	0.002	0.002	6.84	5.87	5.33	4.78	4.12	3.37	2.51	1.67	0.97	0.46	0.17	0.04	0.008	0.002	0.002	0	1.93
2.2	1.25	0.59	0.22	0.06	0.01	0.002	0.002	6.75	5.78	5.25	4.7	4.06	3.32	2.48	1.65	0.96	0.46	0.17	0.05	0.008	0.002	0.002	0	2.4
2.17	1.24	0.59	0.22	0.06	0.01	0.002	0.001	6.66	5.69	5.16	4.62	3.99	3.27	2.45	1.64	0.96	0.46	0.18	0.05	0.01	0.002	0.001	0	2.72
2.14	1.23	0.59	0.22	0.07	0.01		0	6.58	5.61	5.08	4.55	3.94	3.23	2.43	1.63	0.95	0.47	0.18	0.05	0.01		0	0	2.67
2.11	1.22	0.59	0.23	0.07	0.01		0.001	6.52	5.54	5.01	4.49	3.88	3.19	2.41	1.62	0.95	0.47	0.18	0.06	0.01		0.001	0	1.83
2.09	1.21	0.59	0.23	0.08	0.02	0.005	0.001	6.45	5.47	4.95	4.43	3.83	3.16	2.39	1.61	0.95	0.47	0.19	0.06	0.01	0.005	0.001	0	2.37
2.06	1.2	0.59	0.24	0.08	0.02	0.007	0.003	6.39	5.39	4.88	4.37	3.78	3.12	2.37	1.6	0.95	0.47	0.19	0.07	0.02	0.007	0.003	0	2.53
2.02	1.18	0.58	0.24	0.08	0.02	0.008	0.003	6.32	5.32	4.81	4.3	3.73	3.08	2.34	1.59	0.94	0.47	0.2	0.07	0.02	0.008	0.003	0	2.57
1.96	1.15	0.57	0.24	0.08	0.02	0.007	0.003	6.24	5.23	4.72	4.22	3.66	3.02	2.29	1.56	0.92	0.47	0.19	0.07	0.02	0.007	0.003	64.2	2.37
1.9	1.11	0.56	0.24	0.09	0.02	0.007	0.003	6.15	5.14	4.63	4.14	3.58	2.96	2.25	1.52	0.9	0.46	0.2	0.07	0.02	0.007	0.003	0	1.47
1.84	1.08	0.55	0.24	0.09	0.02	0.007	0.003	6.07	5.05	4.54	4.05	3.5	2.89	2.19	1.49	0.88	0.45	0.2	0.07	0.02	0.007	0.003	0	2.44
1.78	1.05	0.53	0.23	0.09	0.02	0.008	0.003	5.99	4.96	4.45	3.97	3.43	2.82	2.14	1.45	0.86	0.45	0.2	0.07	0.02	0.008	0.003	0	2.61
1.71	1.01	0.52	0.23	0.09	0.02	0.006	0.002	5.92	4.89	4.38	3.9	3.36	2.76	2.08	1.41	0.84	0.44	0.2	0.07	0.02	0.006	0.002	0	2.39
1.65	0.97	0.5	0.23	0.09	0.02	0.006	0.002	5.87	4.83	4.31	3.84	3.3	2.7	2.03	1.37	0.82	0.43	0.19	0.07	0				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.65	1.14	0.67	0.3	0.09	0.02	0.005	0.005	5.23	4.21	3.71	3.32	2.91	2.5	2.06	1.58	1.09	0.64	0.29	0.08	0.02	0.005	0.005	0	2.24
1.67	1.16	0.68	0.31	0.09	0.02	0.005	0.005	5.25	4.21	3.72	3.32	2.92	2.51	2.07	1.6	1.11	0.65	0.29	0.09	0.02	0.005	0.005	0	1.51
1.68	1.17	0.69	0.31	0.09	0.02	0.006	0.005	5.27	4.22	3.74	3.33	2.92	2.52	2.08	1.61	1.12	0.65	0.29	0.08	0.02	0.006	0.005	0	2.13
1.68	1.17	0.69	0.31	0.09	0.02	0.006	0.005	5.31	4.24	3.76	3.34	2.93	2.53	2.09	1.62	1.12	0.65	0.29	0.09	0.02	0.006	0.005	0	1.91
1.69	1.17	0.69	0.31	0.09	0.02	0.006	0.005	5.35	4.27	3.78	3.35	2.94	2.53	2.1	1.62	1.12	0.65	0.29	0.09	0.02	0.006	0.005	0	1.7
1.68	1.17	0.68	0.31	0.09	0.02	0.007	0.004	5.38	4.3	3.81	3.37	2.95	2.54	2.1	1.62	1.12	0.65	0.29	0.09	0.02	0.007	0.004	70	2.06
1.67	1.15	0.67	0.3	0.09	0.02	0.007	0.003	5.42	4.33	3.83	3.39	2.96	2.54	2.09	1.61	1.1	0.64	0.28	0.09	0.02	0.007	0.003	0	1.71
1.65	1.13	0.65	0.29	0.09	0.02	0.007	0.001	5.44	4.35	3.85	3.4	2.97	2.54	2.08	1.59	1.08	0.62	0.28	0.08	0.02	0.007	0.001	0	1.7
1.63	1.11	0.64	0.28	0.09	0.02	0.006	0	5.47	4.38	3.88	3.42	2.98	2.54	2.07	1.57	1.06	0.6	0.27	0.08	0.02	0.006	0	0	1.6
1.61	1.08	0.61	0.27	0.09	0.02		0.001	5.5	4.42	3.9	3.44	2.99	2.54	2.06	1.55	1.04	0.58	0.26	0.08	0.02		0.001	0	2.24
1.59	1.06	0.59	0.26	0.08	0.02		0.002	5.54	4.45	3.93	3.47	3	2.54	2.05	1.52	1.01	0.56	0.24	0.08	0.02		0.002	0	2.42
1.57	1.03	0.57	0.25	0.08	0.02		0.002	5.58	4.48	3.96	3.49	3.02	2.54	2.04	1.5	0.98	0.54	0.23	0.07	0.02		0.002	0	2.25
1.56	1.01	0.55	0.24	0.08	0.02	0.009	0.001	5.62	4.51	3.98	3.51	3.03	2.55	2.03	1.48	0.96	0.52	0.22	0.07	0.02	0.009	0.001	0	1.65
1.53	0.98	0.53	0.23	0.08	0.03	0.01	0.003	5.64	4.53	3.98	3.52	3.04	2.54	2.01	1.45	0.93	0.5	0.21	0.07	0.02	0.009	0.003	0	2.11
1.5	0.95	0.5	0.22	0.07	0.02	0.01	0.004	5.64	4.52	3.97	3.51	3.03	2.52	1.98	1.42	0.89	0.47	0.2	0.06	0.02	0.009	0.004	0	2.56
1.46	0.91	0.48	0.2	0.07	0.02	0.01	0.005	5.62	4.49	3.94	3.49	3	2.49	1.94	1.37	0.85	0.44	0.19	0.06	0.02	0.01	0.005	0	2.59
1.42	0.87	0.45	0.19	0.07	0.03	0.01	0.008	5.58	4.45	3.9	3.45	2.96	2.45	1.89	1.33	0.81	0.42	0.18	0.06	0.02	0.01	0.008	0	2.43
1.37	0.84	0.43	0.19	0.07	0.03	0.01	0.01	5.54	4.41	3.86	3.41	2.92	2.4	1.84	1.28	0.77	0.39	0.17	0.07	0.03	0.01	0.009	0	1.51
1.32	0.8	0.4	0.18	0.07	0.04	0.02	0.01	5.51	4.37	3.82	3.37	2.87	2.35	1.79	1.23	0.74	0.37	0.16	0.07	0.03	0.01	0.01	0	2.43
1.28	0.76	0.38	0.17	0.08	0.04	0.02	0.01	5.48	4.34	3.79	3.34	2.83	2.31	1.74	1.18	0.7	0.35	0.15	0.07	0.04	0.02	0.01	0	2.63
1.24	0.73	0.37	0.17	0.08	0.04	0.02	0.01	5.49	4.34	3.79	3.33	2.81	2.27	1.7	1.14	0.67	0.33	0.15	0.07	0.04	0.02	0.01	0	2.56
1.21	0.7	0.35	0.16	0.08	0.05	0.02	0.01	5.51	4.35	3.8	3.33	2.8	2.25	1.66	1.1	0.64	0.32	0.14	0.07	0.04	0.02	0.01	87.4	2.17
1.18	0.68	0.34	0.15	0.08	0.04	0.02	0.01	5.57	4.39	3.83	3.35	2.8	2.23	1.64	1.07	0.62	0.3	0.14	0.07	0.04	0.02	0.01	0	1.69
1.15	0.66	0.33	0.15	0.07	0.04	0.02	0.01	5.62	4.43	3.87	3.37	2.81	2.22	1.61	1.04	0.59	0.29	0.13	0.06	0.04	0.02	0.01	0	2.42
1.12	0.64	0.31	0.14	0.07	0.04	0.02	0.01	5.66	4.47	3.9	3.38	2.81	2.2	1.58	1.01	0.57	0.28	0.12	0.06	0.04	0.02	0.01	0	2.52
1.09	0.61	0.3	0.13	0.07	0.04	0.02	0.01	5.69	4.49	3.91	3.38	2.79	2.17	1.54	0.97	0.54	0.26	0.12	0.06	0.03	0.01	0.01	0	2.35
1.05	0.58	0.28	0.13	0.07	0.04	0.02	0.01	5.7	4.5	3.92	3.37	2.77	2.14	1.5	0.94	0.52	0.25	0.11	0.06	0.03	0.01	0.01	0	2.31
1.01	0.55	0.27	0.12	0.07	0.04	0.02	0.01	5.7	4.5	3.91	3.36	2.74	2.1	1.45	0.89	0.49	0.24	0.11	0.06	0.03	0.01	0.009	258.1	2.06
0.96	0.52	0.25	0.12	0.06	0.04	0.02	0.01	5.69	4.49	3.89	3.33	2.71	2.05	1.4	0.85	0.46	0.22	0.11	0.06	0.03	0.01	0.009	0	1.96
0.92	0.49	0.23	0.11	0.06	0.03	0.02	0.01	5.67	4.47	3.87	3.31	2.67	2	1.35	0.81	0.43	0.21	0.1	0.05	0.03	0.01	0.008	147.3	2.56
0.87	0.46	0.22	0.11	0.06	0.03	0.01	0.009	5.67	4.47	3.86	3.28	2.64	1.96	1.31	0.77	0.4	0.19	0.09	0.05	0.03	0.01	0.009	78.5	2.59
0.83	0.43	0.2	0.1	0.05	0.03	0.01	0.008	5.68	4.47	3.85	3.27	2.61	1.92	1.26	0.73	0.37	0.17	0.08	0.04	0.02	0.01	0.008	0	2.05
0.79	0.4	0.18	0.08	0.04	0.02	0.01	0.007	5.69	4.48	3.85	3.25	2.58	1.88	1.22	0.69	0.35	0.16	0.07	0.04	0.02	0.01	0.007	0	1.65
0.75	0.37	0.16	0.07	0.04	0.02	0.01	0.006	5.7	4.49	3.84	3.24	2.55	1.84	1.18	0.66	0.32	0.14	0.06	0.03	0.02	0.01	0.006	133.6	2.02
0.71	0.34	0.14	0.06	0.03	0.02	0.01	0.004	5.72	4.49	3.84	3.22	2.52	1.8	1.13	0.62	0.29	0.12	0.05	0.02	0.01	0.01	0.004	0	2.33
0.67	0.31	0.13	0.05	0.02	0.01	0.006	0.001	5.72	4.49	3.83	3.2	2.48	1.75	1.09	0.58	0.27	0.11	0.04	0.02	0.01	0.006	0.001	0	2.49
0.62	0.28	0.11	0.04	0.02	0.01		0.002	5.71	4.48	3.81	3.16	2.43	1.7	1.04	0.54	0.24	0.09	0.03	0.01	0.01		0.002	0	2.45
0.58	0.25	0.09	0.03	0.01	0.01		0.006	5.7	4.47	3.79	3.13	2.38	1.64	0.98	0.5	0.22	0.08	0.02	0.01	0.01		0.006	0	1.35
0.53	0.22	0.08	0.02	0.01	0.005		0.01	5.69	4.45	3.77	3.09	2.33	1.59	0.93	0.46	0.19	0.07	0.02	0.009	0.005		0.01	0	2.17
0.49	0.2	0.07	0.01	0.007	0.002		0.01	5.68	4.45	3.76	3.06	2.29	1.54	0.88	0.43	0.17	0.06	0.01	0.007	0.002		0.01	0	2.28
0.46	0.18	0.06	0.01	0.005	0		0.01	5.68	4.46	3.77	3.05	2.26	1.5	0.85	0.4	0.15	0.05	0.01	0.005	0		0.01	0	2.2
0.43	0.16	0.05	0.01	0.004	-0.001		0.01	5.7	4.48	3.78	3.05	2.25	1.47	0.82	0.37	0.14	0.04	0.01	0.004	-0.001		0.01	0	2.13
0.41	0.15	0.04	0.01	0.004	-0.001		0.01	5.72	4.51	3.81	3.06	2.24	1.46	0.8	0.36	0.13	0.04	0.01	0.004	-0.001		0.01	116.9	1.84
0.4	0.14	0.04	0.01	0.004	0		0.01	5.75	4.55	3.84	3.09	2.25	1.45	0.79	0.35	0.12	0.03	0.01	0.004	0		0.01	0	1.86
0.39	0.13	0.04	0.01	0.005	0		0.01	5.77	4.59	3.88	3.12	2.27	1.46	0.78	0.34	0.12	0.03	0.01	0.005	0		0.01	0	2.14
0.38	0.13	0.04	0.01	0.005	0		0.01	5.79	4.62	3.91	3.15	2.29	1.47	0.78	0.34	0.11	0.03	0.01	0.005	0		0.01	0	2.29
0.38	0.13	0.03	0.01	0.005	0		0.009	5.79	4.65	3.94	3.18	2.32	1.49	0.79	0.34	0.11	0.03	0.01	0.005	0	0.009	0	2.12	0
0.39	0.13	0.03	0.01	0.005	-0.001		0.008	5.79	4.67	3.97	3.22	2.35	1.51	0.8	0.34	0.11	0.03	0.01	0.005	-0.001		0.008	0	1.58
0.4	0.13	0.03	0.01	0.006	-0.001		0.008	5.79	4.7	4	3.25	2.39	1.55	0.82	0.35	0.12	0.03	0.01	0.006	-0.001		0.008	0	2.21
0.42	0.14	0.04	0.01	0.007	0		0.007	5.79	4.72	4.04	3.3	2.44	1.59	0.85	0.37	0.12	0.03	0.01	0.007	0		0.007	0	1.96
0.44	0.15	0.04	0.01	0.009	0.001		0.006	5.8	4.75	4.08	3.35	2.5	1.64	0.89	0.39	0.13	0.04	0.01	0.009	0.001		0.006	0	1.13
0.47	0.16	0.05	0.01	0.01	0.002		0.003	5.81	4.79	4.13	3.42	2.57	1.7	0.93	0.41	0.14	0.04	0.01	0.009	0.002		0.003	0	1.64
0.5	0.18	0.05	0.01	0.01	0.002		0.002	5.84	4.83	4.18	3.48	2.64	1.77	0.98	0.44	0.16	0.05	0.01	0.009	0.002		0.002	144.7	1.94
0.53	0.19	0.05	0.01	0.009	0.002		0.001	5.86	4.87	4.24	3.55	2.71	1.83	1.03	0.46	0.17	0.05	0.01	0.009	0.002		0.001	0	1.64
0.56	0.2	0.06	0.01	0.007	0.001		0	5.88	4															

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.17	0.56	0.22	0.06	0.01	0.005	-0.003	0.002	6.23	5.34	4.77	4.17	3.41	2.56	1.68	0.95	0.46	0.18	0.05	0.009	0.005	-0.003	0.002	0	2.47
1.2	0.58	0.23	0.06	0.01	0.005	-0.002	0.002	6.21	5.33	4.77	4.18	3.44	2.59	1.71	0.97	0.47	0.19	0.05	0.01	0.005	-0.002	0.002	0	1.61
1.23	0.6	0.24	0.07	0.01	0.005	-0.002	0.001	6.19	5.33	4.77	4.18	3.45	2.62	1.74	1	0.49	0.2	0.06	0.01	0.005	-0.002	0.001	0	2.46
1.26	0.62	0.25	0.08	0.02	0.005	-0.002		6.18	5.32	4.77	4.19	3.46	2.64	1.76	1.02	0.51	0.21	0.06	0.01	0.005	-0.002	0	0	2.6
1.28	0.64	0.27	0.09	0.02	0.005	-0.001	0	6.18	5.33	4.76	4.19	3.47	2.65	1.78	1.04	0.53	0.22	0.07	0.02	0.005	-0.001	0	0	2.61
1.31	0.67	0.29	0.1	0.02	0.006		0	6.19	5.33	4.77	4.19	3.47	2.66	1.8	1.06	0.55	0.24	0.08	0.02	0.006		0	0	2.21
1.33	0.69	0.31	0.11	0.03	0.006		0	6.2	5.34	4.77	4.19	3.48	2.67	1.81	1.08	0.57	0.26	0.09	0.02	0.006		0	0	1.8
1.35	0.71	0.33	0.12	0.04	0.008		0	6.21	5.33	4.76	4.18	3.47	2.67	1.83	1.1	0.59	0.27	0.1	0.03	0.008		0	145.4	2.51
1.37	0.74	0.35	0.14	0.04	0.01		0	6.21	5.32	4.75	4.16	3.46	2.66	1.83	1.12	0.61	0.29	0.12	0.04	0.009		0	63.3	2.68
1.39	0.77	0.38	0.16	0.05	0.01		0	6.19	5.28	4.71	4.14	3.44	2.66	1.84	1.14	0.64	0.31	0.13	0.04	0.01		0	0	2.58
1.42	0.8	0.41	0.18	0.06	0.01	0.004	0	6.16	5.25	4.68	4.11	3.42	2.65	1.85	1.16	0.66	0.34	0.15	0.05	0.01	0.004	0	0	1.75
1.45	0.84	0.44	0.2	0.08	0.02	0.006	0.001	6.12	5.2	4.64	4.07	3.4	2.64	1.86	1.19	0.7	0.37	0.17	0.06	0.02	0.006	0.001	0	2.44
1.49	0.88	0.48	0.23	0.09	0.03	0.009	0.002	6.08	5.17	4.61	4.05	3.38	2.65	1.89	1.23	0.74	0.4	0.19	0.08	0.02	0.009	0.002	0	2.61
1.54	0.94	0.52	0.25	0.11	0.04	0.01	0.002	6.06	5.14	4.59	4.04	3.39	2.66	1.92	1.28	0.78	0.44	0.21	0.09	0.03	0.009	0.002	0	2.66
1.61	1.01	0.57	0.29	0.12	0.05	0.01	0.003	6.05	5.13	4.58	4.04	3.4	2.7	1.98	1.34	0.84	0.48	0.24	0.1	0.04	0.01	0.003	0	2.55
1.69	1.08	0.63	0.32	0.14	0.05	0.01	0.003	6.06	5.13	4.59	4.05	3.43	2.74	2.03	1.4	0.9	0.53	0.27	0.12	0.04	0.01	0.003	0	1.64
1.77	1.15	0.68	0.35	0.15	0.06	0.01	0.003	6.07	5.14	4.6	4.07	3.46	2.79	2.1	1.47	0.96	0.57	0.3	0.13	0.05	0.01	0.003	0	2.46
1.85	1.22	0.73	0.38	0.17	0.07	0.01	0.004	6.08	5.15	4.61	4.09	3.49	2.84	2.17	1.55	1.03	0.62	0.32	0.17	0.06	0.01	0.004	0	2.59
1.93	1.3	0.79	0.42	0.18	0.07	0.01	0.004	6.09	5.15	4.62	4.1	3.52	2.89	2.23	1.62	1.09	0.67	0.35	0.16	0.06	0.01	0.004	0	2.46
2.01	1.37	0.85	0.45	0.2	0.08	0.02	0.004	6.08	5.15	4.61	4.11	3.54	2.93	2.29	1.69	1.16	0.72	0.39	0.17	0.07	0.01	0.004	0	1.67
2.07	1.44	0.9	0.49	0.22	0.09	0.02	0.005	6.05	5.13	4.59	4.1	3.54	2.95	2.34	1.75	1.22	0.77	0.42	0.19	0.07	0.02	0.005	0	2.1
2.12	1.5	0.95	0.53	0.25	0.1	0.02	0.006	6.02	5.1	4.57	4.08	3.53	2.97	2.38	1.81	1.28	0.82	0.46	0.21	0.08	0.02	0.006	0	2.09
2.15	1.54	1	0.56	0.27	0.11	0.03	0.007	5.96	5.05	4.52	4.04	3.51	2.96	2.4	1.85	1.33	0.86	0.49	0.23	0.09	0.02	0.007	0	1.8
2.17	1.58	1.04	0.6	0.29	0.12	0.03	0.008	5.91	5.01	4.48	4.01	3.48	2.95	2.41	1.88	1.37	0.9	0.52	0.26	0.1	0.03	0.008	0	1.96
2.17	1.6	1.07	0.63	0.32	0.13	0.04	0.01	5.87	4.97	4.44	3.97	3.46	2.94	2.42	1.91	1.41	0.94	0.55	0.28	0.11	0.03	0.008	0	1.82
2.17	1.61	1.09	0.65	0.34	0.14	0.04	0.01	5.82	4.93	4.4	3.94	3.43	2.93	2.42	1.92	1.43	0.97	0.58	0.3	0.13	0.04	0.01	0	1.33
2.16	1.62	1.11	0.68	0.36	0.15	0.05	0.01	5.8	4.91	4.38	3.92	3.42	2.92	2.42	1.93	1.45	1	0.61	0.32	0.14	0.04	0.01	0	1.81
2.14	1.62	1.13	0.7	0.37	0.16	0.06	0.01	5.79	4.89	4.37	3.91	3.41	2.91	2.42	1.94	1.47	1.02	0.63	0.34	0.15	0.05	0.01	0	2.23
2.13	1.62	1.14	0.71	0.39	0.17	0.06	0.01	5.79	4.89	4.37	3.91	3.41	2.91	2.42	1.95	1.49	1.04	0.65	0.35	0.15	0.05	0.01	0	2.28
2.11	1.61	1.14	0.72	0.39	0.18	0.06	0.01	5.79	4.89	4.37	3.91	3.41	2.91	2.42	1.95	1.49	1.05	0.66	0.36	0.16	0.05	0.01	65.3	2.11
2.08	1.61	1.14	0.73	0.4	0.18	0.07	0.01	5.8	4.89	4.37	3.91	3.41	2.91	2.42	1.95	1.5	1.07	0.68	0.37	0.17	0.06	0.01	0	1.51
2.06	1.59	1.14	0.74	0.41	0.19	0.07	0.02	5.81	4.89	4.38	3.91	3.41	2.91	2.42	1.95	1.51	1.08	0.69	0.38	0.17	0.06	0.01	0	2.38
2.03	1.57	1.13	0.73	0.41	0.19	0.07	0.02	5.8	4.88	4.37	3.9	3.4	2.9	2.41	1.94	1.5	1.08	0.69	0.39	0.18	0.06	0.01	0	2.55
2	1.55	1.13	0.73	0.42	0.19	0.07	0.02	5.8	4.87	4.36	3.89	3.39	2.89	2.4	1.94	1.5	1.08	0.7	0.39	0.18	0.07	0.01	0	2.44
1.97	1.53	1.12	0.73	0.42	0.19	0.07	0.02	5.78	4.85	4.34	3.88	3.38	2.88	2.39	1.93	1.5	1.08	0.7	0.4	0.18	0.07	0.01	0	1.93
1.94	1.51	1.1	0.73	0.42	0.2	0.07	0.02	5.76	4.82	4.32	3.85	3.36	2.87	2.38	1.92	1.49	1.08	0.7	0.4	0.19	0.07	0.01	0	2.56
1.92	1.49	1.09	0.72	0.42	0.2	0.08	0.02	5.73	4.8	4.29	3.83	3.34	2.85	2.36	1.91	1.48	1.07	0.7	0.4	0.19	0.07	0.02	0	2.45
1.89	1.47	1.08	0.71	0.42	0.2	0.08	0.02	5.71	4.78	4.26	3.8	3.32	2.83	2.35	1.9	1.47	1.07	0.7	0.41	0.19	0.07	0.02	0	2.11
1.88	1.46	1.07	0.71	0.42	0.2	0.08	0.02	5.69	4.76	4.24	3.79	3.31	2.83	2.35	1.9	1.47	1.06	0.7	0.41	0.19	0.07	0.02	0	1.53
1.87	1.45	1.06	0.71	0.42	0.21	0.08	0.02	5.68	4.75	4.23	3.78	3.3	2.83	2.35	1.9	1.47	1.06	0.7	0.41	0.2	0.08	0.02	0	1.61
1.87	1.45	1.06	0.71	0.42	0.21	0.08	0.02	5.68	4.74	4.23	3.78	3.3	2.83	2.36	1.9	1.47	1.07	0.7	0.41	0.2	0.08	0.02	446.6	2
1.87	1.46	1.06	0.71	0.42	0.21	0.08	0.02	5.68	4.74	4.23	3.78	3.31	2.84	2.37	1.91	1.48	1.07	0.7	0.41	0.2	0.08	0.02	111.7	1.53
1.88	1.46	1.06	0.71	0.42	0.21	0.08	0.02	5.69	4.74	4.23	3.78	3.31	2.85	2.38	1.92	1.49	1.07	0.71	0.41	0.2	0.08	0.02	0	2.35
1.89	1.47	1.07	0.71	0.42	0.21	0.08	0.02	5.7	4.73	4.23	3.78	3.31	2.85	2.39	1.93	1.49	1.07	0.71	0.41	0.2	0.08	0.02	0	2.49
1.9	1.48	1.07	0.71	0.42	0.21	0.08	0.02	5.7	4.73	4.22	3.78	3.31	2.85	2.39	1.94	1.5	1.08	0.71	0.41	0.2	0.08	0.02	0	2.12
1.91	1.48	1.08	0.71	0.42	0.21	0.08	0.02	5.68	4.71	4.21	3.76	3.3	2.85	2.39	1.94	1.5	1.08	0.71	0.41	0.2	0.08	0.02	0	2.12
1.91	1.49	1.08	0.71	0.42	0.21	0.08	0.02	5.66	4.69	4.19	3.75	3.29	2.84	2.38	1.94	1.51	1.09	0.71	0.41	0.2	0.08	0.02	0	2.59
1.91	1.5	1.09	0.72	0.42	0.21	0.08	0.02	5.61	4.65	4.15	3.72	3.27	2.82	2.37	1.94	1.51	1.09	0.71	0.41	0.21	0.08	0.02	0	2.67
1.91	1.5	1.1	0.72	0.42	0.22	0.09	0.02	5.56	4.6	4.11	3.68	3.24	2.8	2.36	1.93	1.51	1.1	0.72	0.41	0.21	0.08	0.02	0	2.53
1.91	1.51	1.11	0.73	0.43	0.22	0.09	0.02	5.49	4.55	4.07	3.64	3.2	2.77	2.34	1.92	1.51	1.11	0.73	0.42	0.21	0.08	0.02	0	1.44
1.9	1.51	1.12	0.74	0.43	0.22	0.09	0.02	5.43	4.51	4.03	3.6	3.17	2.74	2.32	1.92	1.52	1.12	0.74	0.43	0.21	0.09	0.02	0	2.31
1.9	1.52	1.13	0.76	0.44	0.22	0.09	0.02	5.38	4.47	3.99	3.57	3.14	2.72	2.31	1.91	1.52	1.13	0.75	0.44	0.22	0.09	0.02	0	2.38
1.91	1.53	1.15	0.77	0.45	0.23	0.1	0.02	5.35	4.45	3.97	3.55	3.13	2.71	2.3	1.91	1.53	1.15	0.76	0.45	0.22	0.09	0.02	0	2.21
1.92	1.55	1.17	0.79	0.46	0.24	0.1	0.02	5.34	4.44	3.97	3.55	3.12	2.71	2.31	1.92	1.55	1.16	0.78	0.46	0.23	0.09	0.02	0	2.15
1.93	1.57	1.19	0.8	0.48	0.24																			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.97	2.06	1.27	0.65	0.27	0.08	0.01	0.01	6.7	5.95	5.5	5.06	4.5	3.85	3.12	2.37	1.66	1.03	0.53	0.22	0.06	0.01	0.01	0	2.45
2.92	2.02	1.24	0.63	0.25	0.07	0.01	0.01	6.65	5.91	5.46	5.02	4.46	3.81	3.08	2.33	1.63	1.01	0.51	0.2	0.06	0.01	0.008	0	2.61
2.87	1.99	1.21	0.61	0.23	0.06	0.01	0.01	6.62	5.88	5.43	4.98	4.42	3.77	3.05	2.3	1.6	0.99	0.5	0.19	0.05	0.01	0.009	0	2.48
2.83	1.95	1.18	0.58	0.22	0.06	0.01	0.01	6.59	5.85	5.4	4.95	4.39	3.74	3.02	2.28	1.58	0.97	0.48	0.18	0.04	0.01	0.009	0	1.64
2.79	1.92	1.16	0.57	0.21	0.05	0.01	0.01	6.56	5.83	5.37	4.92	4.36	3.71	2.99	2.25	1.56	0.95	0.46	0.17	0.04	0.009	0.009	0	2.26
2.76	1.9	1.14	0.55	0.19	0.04	0.01	0.01	6.54	5.8	5.35	4.89	4.32	3.68	2.96	2.23	1.55	0.93	0.45	0.16	0.03	0.008	0.009	0	2.45
2.72	1.87	1.12	0.53	0.18	0.04	0.009	0.01	6.52	5.77	5.32	4.86	4.29	3.64	2.93	2.21	1.53	0.92	0.44	0.15	0.03	0.009	0.009	0	2.42
2.68	1.84	1.09	0.51	0.17	0.03	0.008	0.01	6.49	5.74	5.29	4.83	4.26	3.61	2.9	2.19	1.51	0.9	0.42	0.14	0.02	0.008	0.008	0	2.04
2.64	1.81	1.07	0.49	0.16	0.03	0.007	0.01	6.47	5.71	5.26	4.8	4.22	3.58	2.87	2.17	1.5	0.89	0.41	0.13	0.02	0.007	0.01	0	2.16
2.6	1.78	1.05	0.48	0.15	0.02	0.007	0.009	6.44	5.68	5.24	4.77	4.19	3.54	2.84	2.14	1.48	0.87	0.4	0.12	0.02	0.007	0.009	0	2.55
2.55	1.75	1.02	0.46	0.14	0.02	0.006	0.008	6.41	5.65	5.21	4.74	4.15	3.51	2.81	2.11	1.46	0.85	0.38	0.11	0.01	0.006	0.008	0	2.47
2.51	1.71	0.99	0.43	0.13	0.02	0.006	0.007	6.39	5.63	5.19	4.71	4.12	3.47	2.78	2.09	1.43	0.83	0.36	0.1	0.01	0.006	0.007	0	1.69
2.45	1.67	0.96	0.41	0.11	0.01	0.005	0.007	6.37	5.6	5.17	4.68	4.09	3.44	2.74	2.05	1.4	0.81	0.35	0.09	0.01	0.005	0.007	0	2.17
2.39	1.61	0.92	0.38	0.1	0.01	0.005	0.008	6.36	5.58	5.14	4.64	4.05	3.4	2.7	2.01	1.36	0.78	0.32	0.08	0.01	0.005	0.008	0	2.18
2.32	1.55	0.87	0.35	0.09	0.01	0.005	0.009	6.34	5.55	5.11	4.61	4.01	3.35	2.65	1.96	1.32	0.74	0.3	0.07	0.01	0.005	0.009	0	1.75
2.22	1.47	0.81	0.32	0.07	0.01	0.006	0.01	6.31	5.51	5.08	4.56	3.96	3.29	2.58	1.9	1.25	0.69	0.27	0.06	0.008	0.006	0.008	0	1.4
2.12	1.38	0.74	0.28	0.06	0.01	0.006	0.01	6.27	5.47	5.03	4.51	3.9	3.22	2.51	1.82	1.18	0.64	0.24	0.05	0.01	0.006	0.008	0	2.03
2.01	1.28	0.67	0.25	0.05	0.01	0.006	0.01	6.24	5.44	4.99	4.46	3.84	3.14	2.42	1.74	1.11	0.58	0.21	0.04	0.01	0.006	0.009	0	1.99
1.9	1.19	0.61	0.22	0.05	0.01	0.006	0.01	6.22	5.4	4.95	4.41	3.77	3.07	2.34	1.65	1.03	0.53	0.19	0.04	0.009	0.006	0.009	0	1.8
1.78	1.09	0.55	0.19	0.04	0.01	0.006	0.01	6.2	5.38	4.91	4.36	3.71	2.99	2.25	1.56	0.95	0.47	0.17	0.03	0.01	0.006	0.009	0	2.13
1.67	1	0.49	0.17	0.04	0.01	0.005	0.01	6.2	5.36	4.88	4.32	3.66	2.92	2.16	1.47	0.88	0.43	0.15	0.03	0.01	0.005	0.009	0	2.39
1.55	0.9	0.43	0.15	0.04	0.01	0.004	0.01	6.2	5.35	4.85	4.28	3.59	2.84	2.07	1.37	0.8	0.38	0.13	0.03	0.01	0.004	0.009	0	2.35
1.42	0.81	0.38	0.13	0.04	0.01	0.004	0.01	6.19	5.33	4.81	4.22	3.52	2.75	1.96	1.27	0.72	0.33	0.12	0.03	0.01	0.004	0.009	82.7	1.88
1.3	0.72	0.34	0.13	0.04	0.02	0.006	0.01	6.18	5.31	4.77	4.16	3.44	2.65	1.86	1.18	0.65	0.3	0.11	0.04	0.01	0.006	0.009	0	2.56
1.19	0.65	0.3	0.12	0.05	0.02	0.01	0.01	6.15	5.28	4.71	4.09	3.35	2.54	1.75	1.08	0.59	0.27	0.11	0.04	0.02	0.008	0.009	0	2.66
1.08	0.58	0.27	0.12	0.05	0.03	0.01	0.01	6.11	5.23	4.63	4	3.24	2.42	1.64	0.99	0.52	0.24	0.1	0.05	0.02	0.01	0.009	0	2.45
0.97	0.51	0.25	0.12	0.06	0.03	0.01	0.01	6.08	5.18	4.56	3.9	3.12	2.3	1.52	0.9	0.47	0.22	0.11	0.05	0.02	0.01	0.008	0	1.65
0.88	0.47	0.23	0.12	0.07	0.03	0.01	0.01	6.06	5.14	4.49	3.81	3.01	2.19	1.42	0.82	0.43	0.21	0.11	0.06	0.03	0.01	0.01	0	2.55
0.82	0.44	0.23	0.13	0.08	0.04	0.01	0.009	6.06	5.11	4.43	3.73	2.91	2.08	1.33	0.76	0.4	0.21	0.12	0.07	0.03	0.01	0.009	0	2.79
0.76	0.42	0.23	0.14	0.08	0.04	0.01	0.009	6.1	5.1	4.39	3.67	2.83	2	1.26	0.72	0.39	0.21	0.13	0.07	0.03	0.01	0.009	0	2.72
0.73	0.41	0.24	0.16	0.09	0.05	0.01	0.008	6.17	5.12	4.38	3.63	2.77	1.93	1.21	0.69	0.39	0.22	0.14	0.08	0.04	0.01	0.008	0	2.47
0.71	0.41	0.25	0.17	0.1	0.05	0.02	0.008	6.26	5.15	4.38	3.6	2.72	1.88	1.17	0.68	0.39	0.24	0.15	0.09	0.05	0.01	0.008	0	1.79
0.69	0.42	0.26	0.17	0.11	0.05	0.02	0.007	6.36	5.19	4.38	3.57	2.67	1.83	1.13	0.66	0.39	0.24	0.16	0.1	0.05	0.02	0.007	0	2.5
0.67	0.41	0.26	0.17	0.1	0.05	0.02	0.007	6.44	5.2	4.36	3.52	2.61	1.77	1.09	0.65	0.39	0.25	0.16	0.09	0.05	0.02	0.007	0	2.6
0.65	0.4	0.26	0.16	0.1	0.05	0.02	0.006	6.49	5.19	4.31	3.45	2.53	1.7	1.05	0.62	0.38	0.24	0.15	0.09	0.04	0.02	0.006	0	2.45
0.62	0.39	0.26	0.16	0.09	0.05	0.02	0.005	6.5	5.15	4.24	3.36	2.43	1.62	0.99	0.6	0.37	0.24	0.15	0.08	0.04	0.02	0.005	0	2.13
0.59	0.38	0.25	0.16	0.09	0.04	0.02	0.005	6.48	5.07	4.12	3.23	2.31	1.52	0.93	0.57	0.36	0.23	0.15	0.08	0.04	0.01	0.005	0	2.12
0.54	0.35	0.24	0.15	0.08	0.04	0.01	0.004	6.4	4.94	3.97	3.07	2.15	1.4	0.85	0.52	0.34	0.22	0.14	0.08	0.03	0.01	0.004	153.3	1.79
0.49	0.33	0.22	0.14	0.08	0.04	0.01	0.004	6.31	4.8	3.8	2.88	1.98	1.27	0.77	0.48	0.31	0.21	0.13	0.07	0.03	0.01	0.004	0	2.03
0.45	0.3	0.21	0.13	0.07	0.04	0.02	0.005	6.2	4.63	3.61	2.69	1.81	1.14	0.68	0.43	0.29	0.2	0.12	0.07	0.03	0.01	0.005	0	2.39
0.4	0.28	0.19	0.12	0.07	0.03	0.02	0.005	6.1	4.46	3.42	2.49	1.64	1.01	0.6	0.39	0.26	0.18	0.12	0.06	0.03	0.01	0.005	0	2.4
0.36	0.25	0.18	0.12	0.07	0.04	0.02	0.006	6	4.29	3.24	2.3	1.47	0.88	0.53	0.34	0.24	0.17	0.11	0.06	0.03	0.02	0.02	14.3	1.6
0.32	0.23	0.16	0.11	0.06	0.03	0.02	0.007	5.91	4.13	3.05	2.11	1.31	0.77	0.46	0.3	0.22	0.15	0.1	0.06	0.03	0.02	0.007	107.5	2.16
0.28	0.2	0.15	0.1	0.06	0.03	0.02	0.007	5.81	3.96	2.87	1.93	1.16	0.66	0.39	0.27	0.19	0.14	0.09	0.05	0.03	0.02	0.007	0	2.22
0.24	0.18	0.13	0.08	0.05	0.03	0.02	0.005	5.72	3.8	2.69	1.76	1.02	0.56	0.34	0.23	0.17	0.12	0.08	0.05	0.02	0.01	0.005	0	1.99
0.2	0.15	0.11	0.07	0.04	0.02	0.01	0.003	5.61	3.64	2.51	1.6	0.89	0.48	0.28	0.19	0.14	0.1	0.06	0.04	0.02	0.01	0.003	0	1.7
0.17	0.12	0.09	0.05	0.04	0.02	0.01	0.002	5.5	3.47	2.33	1.44	0.77	0.4	0.23	0.16	0.12	0.08	0.05	0.03	0.02	0.01	0.002	0	1.52
0.14	0.1	0.07	0.04	0.03	0.01		0	5.37	3.3	2.16	1.29	0.67	0.33	0.19	0.13	0.09	0.06	0.04	0.02	0.01		0	0	1.93
0.11	0.08	0.05	0.03	0.02	0.01		0.001	5.23	3.13	2	1.16	0.58	0.28	0.15	0.1	0.07	0.05	0.03	0.01	0.009		0.001	118.8	2
0.09	0.06	0.04	0.02	0.01	0.007		0.001	5.1	2.97	1.86	1.05	0.51	0.24	0.13	0.08	0.06	0.04	0.02	0.01	0.007		0.001	0	1.94
0.07	0.05	0.03	0.01	0.01	0.005		0	4.97	2.82	1.73	0.97	0.47	0.22	0.11	0.07	0.05	0.03	0.01	0.01	0.005		0	0	2.34
0.07	0.04	0.03	0.01	0.01	0.005	0	0	4.84	2.68	1.63	0.9	0.44	0.21	0.11	0.06	0.04	0.02	0.01	0.01	0.005	0	0	0	2.13
0.06	0.04	0.02	0.01	0.01	0.004	0	0.001	4.73	2.56	1.55	0.87	0.43	0.21	0.11	0.06	0.03	0.02	0.01	0.01	0.004	0	0.001	0	2.14
0.06	0.04	0.02	0.01	0.01	0.004	0	0.001	4.62	2.46	1.49	0.85	0.44	0.22	0.11	0.06	0.03	0.02	0.01						

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.03		0.005	-0.001	0.006	0		0	4.16	2.19	1.38	0.84	0.46	0.23	0.1	0.02		0.005	-0.001	0.006	0		0	0	1.72
0.04		0.005	-0.002	0.005	0		0	4.39	2.44	1.59	1.01	0.58	0.3	0.13	0.04		0.005	-0.002	0.005	0		0	0	1.94
0.06		0.004	-0.003	0.004	0		0	4.63	2.72	1.84	1.21	0.72	0.39	0.18	0.06		0.004	-0.003	0.004	0		0	0	2.03
0.09		0.002	-0.003	0.003	0.001		0	4.89	3.01	2.11	1.43	0.88	0.49	0.23	0.08		0.002	-0.003	0.003	0.001		0	0	2.04
0.12	0.03	0.002	-0.002	0.001	0.001		0	5.15	3.33	2.41	1.67	1.06	0.61	0.3	0.11	0.03	0.002	-0.002	0.001	0.001		0	0	1.35
0.16	0.04	0.007	-0.001	0	0.001		0	5.4	3.64	2.71	1.93	1.26	0.74	0.37	0.15	0.04	0.007	-0.001	0	0.001		0	0	1.83
0.19	0.06	0.01	-0.001	0	0.001		0	5.65	3.96	3.02	2.2	1.46	0.87	0.45	0.19	0.06	0.01	-0.001	0	0.001		0	0	2.2
0.24	0.08	0.01	-0.002	-0.001	0.001		0	5.87	4.25	3.32	2.47	1.67	1.01	0.53	0.23	0.07	0.01	-0.002	-0.001	0.001		0	0	2.09
0.28	0.1	0.02	-0.002	-0.002	0.001		0	6.07	4.53	3.59	2.72	1.87	1.15	0.61	0.27	0.09	0.02	-0.002	-0.002	0.001		0	0	2.03
0.32	0.12	0.02	-0.001	-0.002	0.002	0	0	6.24	4.77	3.83	2.94	2.05	1.28	0.69	0.31	0.11	0.02	-0.001	-0.002	0.002	0	0	0	1.46
0.37	0.14	0.03	0	-0.003	0.002	0	0	6.38	4.97	4.04	3.14	2.21	1.4	0.76	0.35	0.13	0.03	0	-0.003	0.002	0	0	70.3	2.16
0.4	0.16	0.04	0.001	-0.003	0.002	0	0	6.47	5.11	4.19	3.29	2.35	1.5	0.83	0.39	0.15	0.04	0.001	-0.003	0.002	0	0	94.3	2.39
0.44	0.18	0.05	0.002	-0.004	0.002	0	0	6.52	5.2	4.29	3.4	2.44	1.58	0.88	0.42	0.17	0.04	0.002	-0.004	0.002	0	0	0	2.33
0.46	0.19	0.05	0.004	-0.005	0.002	0	0.001	6.53	5.24	4.35	3.46	2.51	1.63	0.92	0.45	0.18	0.05	0.004	-0.005	0.002	0	0.001	141.9	2.05
0.49	0.21	0.06	0.006	-0.006	0.001	0	0.001	6.51	5.24	4.36	3.49	2.54	1.67	0.95	0.47	0.2	0.06	0.006	-0.006	0.001	0	0.001	0	1.87
0.51	0.22	0.07	0.009	-0.005	0.001	0	0.001	6.47	5.22	4.36	3.49	2.56	1.69	0.98	0.49	0.21	0.07	0.009	-0.005	0.001	0	0.001	0	1.77
0.53	0.24	0.08	0.01	-0.003	0.001	0	0.001	6.44	5.2	4.35	3.49	2.57	1.71	1	0.52	0.23	0.08	0.01	-0.003	0.001	0	0.001	0	2.29
0.55	0.26	0.09	0.001	-0.002	0.001	0	0.002	6.42	5.19	4.35	3.5	2.59	1.74	1.03	0.54	0.25	0.09	0.01	-0.002	0.001	0	0.002	0	2.57
0.58	0.28	0.11	0.02	0.001	0.001	0	0.002	6.43	5.2	4.38	3.53	2.62	1.77	1.06	0.57	0.27	0.1	0.02	0.001	0.001	0	0.002	0	2.65
0.61	0.3	0.12	0.03	0.003	0	0	0.003	6.47	5.24	4.43	3.59	2.68	1.82	1.11	0.6	0.29	0.11	0.02	0.003	0	0	0.003	0	2.25
0.65	0.33	0.13	0.03	0.005	0	0	0.003	6.53	5.31	4.51	3.68	2.76	1.89	1.16	0.64	0.32	0.13	0.03	0.005	0	0	0.003	0	1.77
0.7	0.35	0.15	0.04	0.007	-0.001	0	0.004	6.61	5.41	4.62	3.78	2.87	1.98	1.23	0.69	0.35	0.14	0.04	0.007	-0.001	0	0.004	0	2.41
0.75	0.38	0.16	0.05	0.009	-0.002	-0.001	0.004	6.68	5.5	4.74	3.9	2.98	2.08	1.3	0.74	0.38	0.16	0.05	0.009	-0.002	-0.001	0.004	0	2.6
0.8	0.42	0.18	0.06	0.01	-0.002	-0.001	0.005	6.73	5.59	4.84	4.02	3.1	2.18	1.38	0.79	0.41	0.17	0.05	0.01	-0.002	-0.001	0.005	0	2.54
0.85	0.45	0.2	0.06	0.01	-0.001	-0.001	0.005	6.75	5.67	4.94	4.13	3.21	2.29	1.46	0.84	0.44	0.19	0.06	0.01	-0.001	-0.001	0.005	0	2.17
0.91	0.48	0.21	0.07	0.01	0	-0.001	0.005	6.74	5.72	5.02	4.24	3.32	2.39	1.54	0.9	0.47	0.21	0.07	0.01	0	-0.001	0.005	83.8	1.7
0.96	0.51	0.23	0.08	0.02	0.001	-0.001	0.005	6.72	5.76	5.08	4.33	3.43	2.49	1.62	0.95	0.5	0.22	0.08	0.01	0.001	-0.001	0.005	0	1.89
1.02	0.55	0.25	0.09	0.02	0.003	-0.001	0.004	6.7	5.79	5.14	4.41	3.53	2.6	1.71	1.01	0.54	0.24	0.09	0.02	0.003	-0.001	0.004	0	2.1
1.08	0.59	0.27	0.1	0.03	0.004	-0.001	0.003	6.69	5.83	5.2	4.5	3.64	2.71	1.8	1.08	0.58	0.26	0.1	0.02	0.004	-0.001	0.003	0	2.09
1.16	0.63	0.3	0.11	0.03	0.006	0	0.002	6.69	5.86	5.26	4.59	3.75	2.82	1.91	1.15	0.62	0.29	0.11	0.03	0.006	0	0.002	0	2.31
1.24	0.68	0.32	0.13	0.04	0.007	0.001	0.001	6.72	5.91	5.33	4.69	3.86	2.94	2.01	1.23	0.67	0.31	0.12	0.03	0.007	0.001	0	0	2.43
1.32	0.73	0.35	0.14	0.04	0.008	0	0	6.75	5.96	5.4	4.78	3.97	3.06	2.12	1.31	0.72	0.34	0.13	0.04	0.008	0	0	0	2.2
1.41	0.79	0.38	0.15	0.05	0.009	0.001	0.001	6.78	6.01	5.46	4.85	4.07	3.18	2.23	1.4	0.78	0.37	0.14	0.05	0.009	0.001	0	0	2.07
1.49	0.85	0.41	0.01	0.06	0.01	0.001	0.001	6.81	6.04	5.5	4.91	4.16	3.28	2.33	1.48	0.83	0.4	0.16	0.05	0.009	0.001	0	0	2.48
1.58	0.91	0.45	0.18	0.06	0.01	0.002	0.002	6.82	6.05	5.53	4.95	4.22	3.37	2.42	1.56	0.89	0.43	0.17	0.06	0.01	0.002	0	0	2.47
1.67	0.97	0.49	0.21	0.07	0.01	0.003	0.003	6.82	6.05	5.54	4.98	4.27	3.44	2.51	1.64	0.95	0.47	0.19	0.07	0.01	0.003	182	2.36	
1.75	1.04	0.53	0.23	0.08	0.02	0.002	0.002	6.8	6.04	5.53	4.99	4.31	3.51	2.59	1.72	1.01	0.51	0.21	0.08	0.01	0.002	0	0	1.99
1.84	1.1	0.57	0.25	0.1	0.02	0.001	0.001	6.8	6.03	5.53	4.99	4.34	3.56	2.67	1.79	1.07	0.55	0.24	0.09	0.02	0.001	0	0	1.99
1.93	1.17	0.62	0.28	0.11	0.03	0.01	0.001	6.8	6.03	5.53	5.01	4.38	3.63	2.75	1.87	1.13	0.59	0.26	0.1	0.03	0.01	0.001	0	2.55
2.03	1.25	0.66	0.3	0.12	0.04	0.01	0.003	6.84	6.05	5.56	5.04	4.43	3.69	2.83	1.95	1.19	0.63	0.28	0.11	0.03	0.01	0.003	0	2.75
2.13	1.32	0.71	0.33	0.13	0.05	0.01	0.006	6.9	6.09	5.6	5.08	4.48	3.76	2.91	2.03	1.25	0.67	0.3	0.12	0.04	0.01	0.006	0	2.76
2.23	1.4	0.76	0.35	0.14	0.05	0.02	0.007	6.97	6.14	5.65	5.14	4.54	3.83	2.99	2.1	1.31	0.71	0.32	0.13	0.05	0.01	0.007	0	1.99
2.31	1.47	0.8	0.38	0.16	0.06	0.02	0.009	7.04	6.19	5.7	5.19	4.59	3.89	3.05	2.16	1.36	0.74	0.34	0.14	0.05	0.02	0.009	0	2.43
2.39	1.52	0.85	0.4	0.17	0.07	0.02	0.01	7.1	6.23	5.74	5.22	4.63	3.93	3.1	2.21	1.41	0.78	0.37	0.15	0.06	0.02	0.009	0	2.78
2.42	1.56	0.87	0.41	0.17	0.06	0.02	0.01	7.11	6.24	5.74	5.22	4.64	3.94	3.11	2.23	1.43	0.79	0.37	0.15	0.06	0.02	0.009	0	2.81
2.44	1.57	0.88	0.42	0.17	0.06	0.02	0.009	7.09	6.22	5.72	5.2	4.61	3.92	3.1	2.22	1.43	0.8	0.38	0.15	0.05	0.02	0.009	0	2.59
2.43	1.57	0.88	0.42	0.17	0.06	0.02	0.008	7.04	6.18	5.67	5.16	4.57	3.88	3.06	2.2	1.42	0.8	0.38	0.15	0.05	0.02	0.008	0	1.64
2.41	1.56	0.89	0.43	0.17	0.06	0.02	0.009	6.99	6.13	5.62	5.11	4.52	3.83	3.02	2.17	1.4	0.79	0.38	0.15	0.05	0.02	0.009	0	2.44
2.38	1.54	0.88	0.43	0.18	0.06	0.02	0.009	6.93	6.08	5.57	5.06	4.47	3.78	2.98	2.13	1.38	0.79	0.38	0.16	0.05	0.02	0.009	0	2.6
2.35	1.52	0.87	0.43	0.18	0.06	0.02	0.007	6.89	6.04	5.53	5.02	4.43	3.74	2.93	2.1	1.35	0.78	0.38	0.16	0.05	0.01	0.007	560.8	2.52
2.33	1.5	0.86	0.42	0.18	0.06	0.02	0.006	6.87	6.01	5.5	4.99	4.4	3.7	2.89	2.06	1.33	0.76	0.37	0.15	0.05	0.01	0.006	0	2.03
2.3	1.48	0.85	0.42	0.17	0.06	0.01	0.005	6.86	5.99	5.48	4.97	4.37	3.67	2.86	2.03	1.31	0.75	0.37	0.15	0.05	0.01	0.005	0	1.99
2.28	1.46	0.84	0.41	0.17	0.06	0.01	0.006	6.85	5.97	5.46	4.95	4.35	3.64	2.83	2	1.28	0.74	0.36	0.15	0.05	0.01	0.006	0	2.31
2.26	1.44	0.82	0.4	0.17	0.07	0.01	0.006	6.83	5.94	5.44	4.93	4.32	3.62	2.8	1.97	1.26	0.72	0.35	0.15	0.06	0.01	0.006	0	2.36
2.24	1.42	0.81	0.39	0.17	0.07	0.01	0.007	6.8	5.91	5.4	4.9	4.29	3.58											

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
2.11	1.33	0.72	0.33	0.13	0.05	0.02	0.01	6.46	5.64	5.16	4.71	4.16	3.52	2.74	1.93	1.21	0.65	0.29	0.12	0.05	0.02	0.01	0	2.05
2.13	1.33	0.72	0.32	0.13	0.05	0.02	0.01	6.52	5.71	5.22	4.77	4.21	3.55	2.76	1.94	1.21	0.65	0.28	0.11	0.04	0.01	0.009	0	1.74
2.14	1.33	0.72	0.31	0.12	0.04	0.01	0.008	6.59	5.77	5.28	4.82	4.25	3.58	2.78	1.95	1.21	0.65	0.28	0.11	0.04	0.01	0.008	0	2.18
2.14	1.33	0.71	0.31	0.12	0.04	0.01	0.007	6.64	5.82	5.33	4.87	4.29	3.61	2.8	1.95	1.21	0.64	0.28	0.1	0.03	0.01	0.007	0	1.68
2.14	1.33	0.71	0.31	0.12	0.04	0.01	0.008	6.68	5.86	5.37	4.9	4.32	3.63	2.8	1.95	1.2	0.64	0.28	0.11	0.04	0.01	0.008	0	2.11
2.14	1.32	0.71	0.31	0.13	0.05	0.01	0.009	6.69	5.89	5.4	4.92	4.34	3.64	2.81	1.95	1.2	0.64	0.28	0.11	0.04	0.01	0.009	0	2.49
2.14	1.32	0.71	0.32	0.13	0.05	0.01	0.01	6.7	5.91	5.42	4.94	4.35	3.64	2.81	1.94	1.2	0.64	0.28	0.11	0.04	0.01	0.01	0	2.4
2.14	1.32	0.71	0.32	0.13	0.05	0.02	0.01	6.69	5.92	5.43	4.95	4.36	3.65	2.81	1.94	1.19	0.64	0.28	0.11	0.04	0.01	0.009	0	1.51
2.14	1.32	0.7	0.32	0.13	0.05	0.02	0.01	6.69	5.92	5.44	4.96	4.37	3.65	2.81	1.94	1.19	0.63	0.28	0.11	0.04	0.01	0.008	0	2.39
2.15	1.32	0.7	0.31	0.12	0.05	0.02	0.01	6.68	5.93	5.45	4.97	4.38	3.66	2.82	1.95	1.19	0.63	0.28	0.11	0.04	0.01	0.01	0	2.49
2.15	1.32	0.69	0.3	0.12	0.04	0.01	0.009	6.68	5.94	5.46	4.99	4.39	3.68	2.83	1.95	1.19	0.62	0.27	0.1	0.04	0.01	0.009	0	2.24
2.17	1.32	0.68	0.3	0.11	0.04	0.01	0.008	6.69	5.96	5.49	5.01	4.42	3.7	2.85	1.96	1.2	0.62	0.27	0.1	0.03	0.01	0.008	0	1.68
2.18	1.32	0.68	0.29	0.1	0.03	0.01	0.006	6.72	5.98	5.52	5.04	4.44	3.73	2.87	1.98	1.2	0.62	0.26	0.09	0.03	0.01	0.006	0	1.39
2.19	1.32	0.67	0.28	0.09	0.02	0.008	0.002	6.74	6	5.54	5.07	4.47	3.75	2.9	2	1.21	0.61	0.25	0.08	0.02	0.008	0.002	0	1.57
2.19	1.32	0.67	0.27	0.08	0.02		0.001	6.75	6.01	5.56	5.08	4.49	3.77	2.91	2	1.21	0.61	0.25	0.07	0.02	0.02	0.001	0	2.34
2.17	1.31	0.66	0.27	0.08	0.02		0.002	6.73	6.01	5.55	5.08	4.48	3.77	2.91	2	1.21	0.61	0.24	0.07	0.01	0.002	73.3	2.52	
2.14	1.29	0.65	0.26	0.08	0.02		0.001	6.7	5.97	5.53	5.05	4.46	3.75	2.89	1.99	1.2	0.61	0.24	0.07	0.01	0.001	0	2.56	
2.1	1.27	0.65	0.26	0.08	0.02		0.001	6.64	5.92	5.48	5.01	4.42	3.71	2.85	1.97	1.19	0.6	0.24	0.07	0.01		0.001	0	2.36
2.05	1.24	0.64	0.26	0.08	0.02	0.005	0.001	6.58	5.87	5.43	4.96	4.38	3.67	2.82	1.94	1.17	0.6	0.25	0.08	0.02	0.005	0.001	0	1.75
2.01	1.22	0.63	0.27	0.09	0.03	0.007	0.003	6.53	5.83	5.39	4.92	4.34	3.63	2.79	1.92	1.16	0.6	0.25	0.08	0.02	0.007	0.003	0	2.61
1.97	1.2	0.63	0.27	0.1	0.03	0.009	0.004	6.49	5.8	5.36	4.89	4.31	3.6	2.76	1.9	1.15	0.6	0.26	0.09	0.03	0.009	0.004	75.8	2.78
1.95	1.19	0.62	0.27	0.1	0.04	0.01	0.005	6.48	5.79	5.35	4.88	4.3	3.59	2.75	1.89	1.14	0.6	0.26	0.09	0.03	0.009	0.005	275.2	2.74
1.93	1.18	0.62	0.27	0.1	0.03	0.009	0.004	6.5	5.8	5.36	4.89	4.31	3.59	2.75	1.89	1.14	0.6	0.26	0.09	0.03	0.009	0.004	0	2.25
1.92	1.17	0.61	0.27	0.09	0.03	0.006	0.002	6.54	5.84	5.38	4.92	4.33	3.61	2.76	1.9	1.15	0.6	0.26	0.08	0.02	0.006	0.002	0	2.36
1.92	1.17	0.61	0.26	0.08	0.02		0	6.58	5.88	5.41	4.95	4.36	3.64	2.78	1.91	1.15	0.59	0.25	0.08	0.02		0	0	2.61
1.92	1.16	0.6	0.25	0.08	0.01	0.002	0	6.63	5.92	5.45	4.98	4.39	3.66	2.8	1.92	1.16	0.59	0.24	0.07	0.01	0.002	0	0	2.53
1.92	1.16	0.6	0.25	0.07	0.01	0.002	0.001	6.66	5.94	5.46	5	4.4	3.68	2.82	1.93	1.16	0.59	0.24	0.07	0.01	0.002	0.001	0	1.97
1.91	1.16	0.6	0.25	0.07	0.01	0.003	0.002	6.66	5.94	5.46	5	4.41	3.68	2.82	1.94	1.17	0.6	0.24	0.07	0.01	0.003	0.002	75.2	1.8
1.89	1.15	0.6	0.25	0.08	0.01	0.003	0.001	6.63	5.92	5.44	4.97	4.39	3.67	2.81	1.93	1.17	0.6	0.25	0.07	0.01	0.003	0.001	0	1.56
1.86	1.13	0.59	0.25	0.08	0.01	0.003	0	6.57	5.87	5.39	4.93	4.34	3.63	2.79	1.91	1.16	0.6	0.25	0.08	0.01	0.003	0	0	1.74
1.83	1.12	0.59	0.26	0.09	0.02		0	6.5	5.8	5.34	4.87	4.29	3.59	2.75	1.89	1.15	0.6	0.26	0.09	0.01		0	0	1.94
1.79	1.1	0.59	0.26	0.1	0.02	0.007	0.001	6.43	5.74	5.28	4.81	4.24	3.55	2.72	1.87	1.14	0.6	0.26	0.1	0.02	0.007	0.001	0	1.57
1.76	1.09	0.59	0.27	0.11	0.03	0.01	0.004	6.37	5.68	5.23	4.76	4.19	3.51	2.69	1.85	1.13	0.6	0.27	0.11	0.03	0.01	0.004	0	1.6
1.74	1.08	0.59	0.28	0.12	0.04	0.01	0.006	6.33	5.64	5.19	4.72	4.16	3.47	2.66	1.84	1.12	0.6	0.28	0.11	0.04	0.01	0.006	236.3	2.32
1.72	1.07	0.59	0.28	0.12	0.05	0.01	0.007	6.32	5.62	5.17	4.7	4.14	3.45	2.65	1.83	1.12	0.61	0.29	0.12	0.04	0.01	0.007	0	2.52
1.71	1.07	0.59	0.28	0.12	0.05	0.01	0.007	6.32	5.61	5.17	4.7	4.13	3.44	2.64	1.82	1.12	0.61	0.29	0.12	0.04	0.01	0.007	0	2.48
1.72	1.07	0.59	0.29	0.12	0.05	0.01	0.007	6.36	5.63	5.18	4.71	4.13	3.45	2.64	1.82	1.13	0.61	0.29	0.12	0.04	0.01	0.007	0	2.19
1.72	1.08	0.6	0.29	0.12	0.04	0.01	0.005	6.39	5.65	5.2	4.72	4.14	3.45	2.64	1.83	1.13	0.62	0.29	0.12	0.04	0.01	0.005	0	2.13
1.72	1.08	0.6	0.29	0.12	0.04	0.01	0.004	6.43	5.68	5.22	4.74	4.15	3.46	2.65	1.83	1.14	0.62	0.3	0.12	0.04	0.01	0.004	0	2.47
1.72	1.09	0.6	0.29	0.12	0.04	0.01	0.004	6.45	5.69	5.22	4.74	4.15	3.46	2.64	1.83	1.14	0.62	0.3	0.12	0.04	0.01	0.004	0	2.29
1.72	1.09	0.61	0.3	0.12	0.04	0.01	0.003	6.45	5.69	5.22	4.74	4.14	3.45	2.63	1.83	1.14	0.63	0.3	0.12	0.04	0.01	0.003	0	1.43
1.72	1.09	0.61	0.3	0.13	0.04	0.01	0.002	6.44	5.69	5.2	4.72	4.13	3.43	2.62	1.82	1.14	0.63	0.3	0.12	0.03	0.01	0.002	0	1.62
1.71	1.09	0.62	0.3	0.13	0.03	0.01	0.002	6.42	5.68	5.19	4.71	4.11	3.41	2.61	1.81	1.14	0.64	0.3	0.12	0.03	0.01	0.002	0	1.8
1.71	1.09	0.62	0.3	0.13	0.03	0.01	0.001	6.41	5.66	5.17	4.69	4.1	3.4	2.6	1.81	1.14	0.64	0.31	0.12	0.03	0.01	0.001	618.6	1.72
1.71	1.1	0.62	0.3	0.12	0.03	0.01	0.001	6.41	5.65	5.16	4.68	4.08	3.39	2.59	1.81	1.14	0.64	0.31	0.12	0.03	0.01	0.001	614.3	2.4
1.72	1.1	0.62	0.3	0.12	0.03	0.01	0	6.41	5.65	5.15	4.67	4.08	3.38	2.59	1.81	1.14	0.64	0.3	0.12	0.03	0.01	0	0	2.57
1.73	1.1	0.62	0.3	0.12	0.03	0.01	0	6.42	5.65	5.15	4.67	4.08	3.38	2.59	1.81	1.14	0.64	0.3	0.12	0.03	0.01	0	96.7	1.93
1.74	1.11	0.62	0.3	0.11	0.03	0.009	0	6.44	5.65	5.15	4.67	4.08	3.39	2.6	1.82	1.14	0.63	0.3	0.11	0.03	0.009	0	0	2.41
1.75	1.11	0.62	0.29	0.11	0.03	0.008	0	6.44	5.65	5.14	4.66	4.07	3.39	2.6	1.82	1.15	0.63	0.29	0.11	0.03	0.008	0	0	2.58
1.76	1.12	0.62	0.29	0.11	0.03	0.007	0	6.44	5.64	5.13	4.65	4.07	3.39	2.61	1.83	1.15	0.62	0.29	0.11	0.03	0.007	0	100.5	2.52
1.77	1.12	0.62	0.29	0.11	0.03	0.008	0.001	6.44	5.63	5.12	4.64	4.06	3.38	2.61	1.83	1.15	0.62	0.29	0.1	0.03	0.008	0.001	0	2.21
1.78	1.13	0.62	0.29	0.11	0.03	0.009	0.002	6.43	5.62	5.1	4.63	4.05	3.38	2.61	1.83	1.15	0.62	0.28	0.1	0.03	0.009	0.002	0	1.47
1.79	1.13	0.62	0.29	0.11	0.03	0.009	0.003	6.42	5.61	5.09	4.61	4.04	3.37	2.61	1.83	1.14	0.62	0.28	0.1	0.03	0.009	0.003	0	2.33
1.8	1.14	0.62	0.29	0.1	0.03	0.009	0.004	6.43	5.61	5.09	4.61	4.04	3.38	2.62	1.84	1.15	0.61	0.28	0.1	0.03	0.009	0.004	0	2.59

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
2.22	1.53	0.92	0.47	0.19	0.05	0.01	0.002	6.85	5.9	5.26	4.67	4.03	3.4	2.73	2.06	1.42	0.86	0.43	0.18	0.05	0.01	0.002	0	1.81	
2.22	1.54	0.93	0.48	0.2	0.06	0.01	0.002	6.82	5.9	5.25	4.66	4.02	3.38	2.73	2.06	1.43	0.87	0.44	0.18	0.05	0.01	0.002	0	2.17	
2.21	1.54	0.94	0.48	0.2	0.06	0.01	0.002	6.81	5.89	5.25	4.66	4.01	3.37	2.72	2.07	1.44	0.88	0.45	0.19	0.05	0.01	0.002	0	1.8	
2.21	1.55	0.96	0.49	0.21	0.06	0.01	0.002	6.8	5.9	5.26	4.66	4.01	3.37	2.72	2.07	1.46	0.9	0.46	0.19	0.05	0.01	0.002	0	1.9	
2.21	1.56	0.96	0.5	0.21	0.06	0.01	0.002	6.8	5.9	5.28	4.67	4.02	3.37	2.72	2.08	1.47	0.91	0.37	0.47	0.19	0.06	0.01	0.002	79.5	2.47
2.2	1.56	0.97	0.5	0.21	0.06	0.01	0.002	6.8	5.92	5.3	4.69	4.03	3.38	2.73	2.09	1.48	0.92	0.47	0.2	0.06	0.01	0.002	0	2.5	
2.2	1.56	0.98	0.51	0.21	0.07	0.01	0.002	6.81	5.94	5.32	4.72	4.05	3.39	2.74	2.1	1.48	0.93	0.48	0.2	0.06	0.01	0.002	0	2.37	
2.2	1.56	0.98	0.51	0.22	0.07	0.01	0.002	6.82	5.96	5.35	4.75	4.08	3.41	2.75	2.1	1.49	0.93	0.49	0.21	0.06	0.01	0.002	0	1.44	
2.2	1.56	0.98	0.52	0.22	0.07	0.01	0.003	6.82	5.99	5.38	4.78	4.11	3.43	2.76	2.11	1.5	0.94	0.5	0.21	0.07	0.01	0.003	0	2.38	
2.19	1.56	0.99	0.53	0.23	0.07	0.01	0.003	6.83	6.01	5.41	4.82	4.14	3.46	2.78	2.13	1.51	0.95	0.51	0.22	0.07	0.01	0.003	0	2.57	
2.19	1.56	0.99	0.54	0.24	0.08	0.02	0.004	6.83	6.03	5.43	4.85	4.17	3.49	2.8	2.14	1.52	0.96	0.52	0.23	0.07	0.01	0.004	0	2.68	
2.19	1.55	0.99	0.54	0.25	0.08	0.02	0.005	6.82	6.04	5.45	4.87	4.2	3.51	2.82	2.15	1.52	0.97	0.53	0.24	0.08	0.02	0.005	0	2.5	
2.18	1.55	0.99	0.55	0.25	0.09	0.02	0.006	6.82	6.06	5.47	4.89	4.22	3.54	2.84	2.16	1.53	0.97	0.53	0.24	0.08	0.02	0.006	0	1.62	
2.18	1.55	0.99	0.55	0.26	0.09	0.02	0.006	6.83	6.07	5.49	4.92	4.25	3.56	2.86	2.18	1.54	0.98	0.54	0.25	0.09	0.02	0.006	0	2.56	
2.19	1.56	1	0.56	0.26	0.1	0.02	0.007	6.85	6.1	5.53	4.96	4.29	3.6	2.89	2.2	1.55	0.99	0.55	0.25	0.09	0.02	0.007	0	2.73	
2.21	1.57	1	0.56	0.26	0.1	0.02	0.007	6.9	6.14	5.58	5.01	4.35	3.65	2.93	2.23	1.57	0.99	0.55	0.25	0.09	0.02	0.007	0	2.77	
2.24	1.58	1.01	0.56	0.26	0.1	0.02	0.007	6.97	6.19	5.65	5.07	4.41	3.71	2.98	2.26	1.59	1	0.55	0.25	0.09	0.02	0.007	0	2.59	
2.27	1.61	1.02	0.57	0.26	0.09	0.02	0.006	7.05	6.26	5.72	5.14	4.48	3.77	3.03	2.3	1.62	1.02	0.56	0.25	0.09	0.02	0.006	0	1.98	
2.31	1.63	1.03	0.57	0.26	0.09	0.02	0.006	7.12	6.32	5.78	5.2	4.53	3.83	3.08	2.34	1.64	1.03	0.56	0.25	0.09	0.02	0.006	0	2.5	
2.33	1.65	1.05	0.57	0.25	0.09	0.02	0.005	7.17	6.37	5.83	5.25	4.58	3.87	3.12	2.37	1.67	1.04	0.56	0.25	0.09	0.02	0.005	0	2.81	
2.36	1.67	1.05	0.57	0.25	0.09	0.02	0.004	7.21	6.4	5.86	5.28	4.61	3.9	3.15	2.4	1.68	1.05	0.56	0.24	0.08	0.02	0.004	0	2.8	
2.37	1.68	1.06	0.58	0.26	0.09	0.02	0.004	7.22	6.41	5.87	5.29	4.63	3.92	3.17	2.41	1.7	1.06	0.57	0.25	0.08	0.02	0.004	0	2.46	
2.38	1.69	1.07	0.58	0.26	0.09	0.02	0.004	7.2	6.4	5.86	5.29	4.63	3.92	3.17	2.41	1.7	1.06	0.57	0.25	0.09	0.02	0.004	0	2.16	
2.38	1.69	1.07	0.58	0.26	0.1	0.02	0.004	7.18	6.4	5.85	5.28	4.62	3.91	3.16	2.41	1.7	1.07	0.57	0.25	0.09	0.02	0.004	0	2.6	
2.38	1.69	1.07	0.58	0.26	0.1	0.02	0.005	7.17	6.39	5.84	5.27	4.62	3.91	3.16	2.41	1.7	1.07	0.57	0.25	0.09	0.02	0.005	0	2.6	
2.39	1.7	1.08	0.58	0.26	0.1	0.02	0.005	7.18	6.39	5.84	5.27	4.62	3.91	3.17	2.41	1.7	1.06	0.57	0.25	0.09	0.02	0.005	0	2.43	
2.4	1.7	1.08	0.58	0.26	0.1	0.02	0.005	7.2	6.41	5.85	5.28	4.62	3.92	3.17	2.41	1.7	1.06	0.57	0.25	0.09	0.02	0.005	0	2.24	
2.41	1.71	1.07	0.58	0.26	0.09	0.02	0.005	7.23	6.43	5.87	5.29	4.64	3.93	3.18	2.42	1.69	1.05	0.56	0.24	0.08	0.02	0.005	0	1.81	
2.43	1.71	1.07	0.57	0.25	0.09	0.02	0.004	7.27	6.46	5.89	5.31	4.65	3.94	3.19	2.42	1.69	1.05	0.55	0.24	0.08	0.01	0.004	0	2.32	
2.44	1.71	1.07	0.57	0.25	0.09	0.02	0.004	7.31	6.48	5.91	5.33	4.66	3.95	3.19	2.42	1.69	1.04	0.54	0.23	0.08	0.01	0.004	0	2.59	
2.45	1.72	1.06	0.56	0.24	0.08	0.02	0.004	7.33	6.49	5.92	5.33	4.66	3.95	3.19	2.42	1.68	1.03	0.54	0.23	0.08	0.01	0.004	186.9	2.54	
2.46	1.72	1.06	0.56	0.24	0.08	0.02	0.004	7.34	6.49	5.92	5.33	4.66	3.95	3.19	2.41	1.67	1.02	0.53	0.23	0.08	0.01	0.004	0	2.12	
2.47	1.72	1.06	0.56	0.24	0.08	0.02	0.004	7.33	6.48	5.91	5.32	4.65	3.94	3.18	2.4	1.67	1.02	0.53	0.23	0.08	0.01	0.004	0	1.82	
2.48	1.72	1.06	0.56	0.24	0.08	0.02	0.004	7.32	6.47	5.9	5.3	4.64	3.93	3.17	2.4	1.66	1.01	0.53	0.23	0.07	0.01	0.004	0	2.16	
2.48	1.73	1.06	0.56	0.24	0.08	0.02	0.003	7.3	6.45	5.88	5.29	4.62	3.92	3.16	2.39	1.65	1.01	0.52	0.23	0.07	0.01	0.003	0	2.14	
2.49	1.73	1.06	0.55	0.24	0.08	0.02	0.003	7.28	6.44	5.87	5.28	4.61	3.91	3.16	2.38	1.65	1	0.52	0.22	0.07	0.01	0.003	0	1.11	
2.51	1.74	1.06	0.55	0.24	0.08	0.01	0.003	7.27	6.44	5.86	5.27	4.6	3.9	3.15	2.38	1.64	1	0.51	0.22	0.07	0.01	0.003	0	1.21	
2.53	1.75	1.06	0.55	0.23	0.07	0.01	0.002	7.27	6.44	5.86	5.27	4.6	3.9	3.16	2.38	1.64	1	0.51	0.21	0.07	0.01	0.002	0	1.42	
2.55	1.76	1.07	0.54	0.22	0.07	0.01	0.002	7.28	6.44	5.86	5.27	4.61	3.91	3.16	2.39	1.65	0.99	0.5	0.2	0.06	0.01	0.002	0	1.79	
2.58	1.78	1.07	0.54	0.22	0.06	0.01	0.002	7.29	6.44	5.86	5.28	4.61	3.92	3.17	2.4	1.65	1	0.5	0.2	0.06	0.01	0.002	0	1.4	
2.6	1.8	1.08	0.54	0.21	0.06	0.01	0.003	7.29	6.44	5.87	5.28	4.62	3.92	3.18	2.41	1.66	1	0.49	0.19	0.05	0.01	0.003	0	1.99	
2.63	1.81	1.09	0.54	0.21	0.06	0.01	0.003	7.3	6.44	5.87	5.28	4.62	3.92	3.18	2.41	1.67	1	0.49	0.19	0.05	0.01	0.003	0	1.6	
2.65	1.83	1.1	0.54	0.2	0.05	0.01	0.003	7.3	6.43	5.87	5.28	4.62	3.92	3.19	2.42	1.67	1	0.49	0.18	0.05	0.01	0.003	0	1.52	
2.66	1.84	1.1	0.54	0.2	0.05	0.01	0.003	7.3	6.42	5.86	5.27	4.61	3.92	3.18	2.42	1.68	1	0.49	0.18	0.04	0.01	0.003	0	2.09	
2.68	1.85	1.11	0.54	0.2	0.05	0.01	0.002	7.29	6.41	5.86	5.26	4.6	3.91	3.18	2.42	1.68	1.01	0.49	0.18	0.04	0.01	0.002	0	2.22	
2.69	1.87	1.12	0.54	0.2	0.05	0.01	0.002	7.28	6.4	5.85	5.25	4.59	3.9	3.18	2.42	1.68	1.01	0.49	0.17	0.04	0.01	0.002	0	1.86	
2.7	1.87	1.12	0.54	0.19	0.05	0.01	0.002	7.27	6.39	5.84	5.24	4.58	3.9	3.17	2.43	1.69	1.01	0.48	0.17	0.04	0.01	0.002	0	2.13	
2.71	1.88	1.12	0.54	0.19	0.05	0.01	0.001	7.27	6.39	5.82	5.23	4.57	3.89	3.17	2.43	1.69	1.01	0.48	0.17	0.04	0.01	0.001	0	2.37	
2.72	1.89	1.13	0.54	0.19	0.05	0.01	0.001	7.26	6.38	5.81	5.22	4.56	3.88	3.17	2.43	1.69	1.01	0.48	0.17	0.04	0.01	0.001	0	2.3	
2.73	1.89	1.13	0.53	0.19	0.05	0.01	0.001	7.25	6.37	5.8	5.21	4.56	3.88	3.17	2.43	1.69	1.01	0.48	0.17	0.04	0.01	0.001	0	1.62	
2.73	1.9	1.13	0.53	0.19	0.04	0.01	0.002	7.23	6.35	5.78	5.19	4.54	3.87	3.16	2.43	1.69	1.01	0.48	0.17	0.04	0.01	0.002	0	2.07	
2.72	1.89	1.12	0.53	0.19	0.04	0.01	0.002	7.21	6.32	5.76	5.17	4.52	3.85	3.15	2.42	1.69	1.01	0.47	0.17	0.04	0.01	0.002	0	2.4	
2.71	1.88	1.11	0.52	0.19	0.04	0.01	0.002	7.18	6.29	5.73	5.14	4.5	3.83	3.14	2.41	1.68	1	0.47	0.17	0.04	0.01	0.002	0	2.42	
2.69	1.86	1.1	0.51	0.18	0.04	0.01	0.002	7.13	6.25	5.69	5.1	4.46	3.8	3.11	2.39	1.66	0								

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.88	0.4	0.14	0.03	0.004	-0.002	0.002	0.003	6.87	5.82	5.11	4.3	3.34	2.36	1.47	0.8	0.36	0.12	0.02	0.004	-0.002	0.002	0.003	0	2.1
0.91	0.42	0.15	0.03	0.005	-0.002	0.002	0.003	6.83	5.8	5.09	4.3	3.36	2.4	1.51	0.83	0.38	0.13	0.02	0.005	-0.002	0.002	0.003	589.6	2.01
0.94	0.44	0.16	0.03	0.006	-0.002	0.002	0.003	6.79	5.76	5.05	4.28	3.36	2.41	1.54	0.86	0.4	0.14	0.03	0.006	-0.002	0.002	0.003	0	2.1
0.95	0.45	0.16	0.03	0.007	-0.002	0.003	0.002	6.74	5.71	5	4.23	3.33	2.41	1.55	0.87	0.41	0.15	0.03	0.007	-0.002	0.003	0.002	0	2.38
0.97	0.47	0.17	0.04	0.009	-0.002	0.003	0.001	6.68	5.65	4.93	4.18	3.3	2.4	1.55	0.88	0.42	0.15	0.03	0.009	-0.002	0.003	0.001	0	1.86
0.98	0.48	0.18	0.05	0.01	-0.001		0	6.62	5.59	4.88	4.13	3.27	2.38	1.56	0.9	0.44	0.17	0.04	0.01	-0.001		0	0	2.03
0.99	0.49	0.2	0.05	0.01	-0.001		0.001	6.57	5.54	4.83	4.09	3.24	2.37	1.56	0.91	0.45	0.17	0.05	0.01	-0.001		0.001	0	2.13
1	0.51	0.2	0.06	0.01	0		0.002	6.52	5.5	4.79	4.06	3.22	2.36	1.57	0.92	0.46	0.18	0.05	0.01	0		0.002	206.7	1.82
1.02	0.52	0.21	0.06	0.01	0.001		0.002	6.49	5.48	4.78	4.05	3.22	2.37	1.58	0.93	0.47	0.19	0.05	0.01	0.001		0.002	0	1.42
1.04	0.54	0.23	0.07	0.01	0.001		0.002	6.47	5.47	4.77	4.06	3.24	2.4	1.61	0.95	0.49	0.2	0.06	0.01	0.001		0.002	0	1.54
1.08	0.56	0.24	0.07	0.01	0.001		0.002	6.45	5.47	4.79	4.08	3.28	2.44	1.64	0.98	0.51	0.21	0.06	0.01	0.001		0.002	0	1.66
1.12	0.59	0.26	0.08	0.01	0.001		0.002	6.44	5.47	4.81	4.13	3.33	2.5	1.7	1.02	0.54	0.23	0.07	0.01	0.001		0.002	0	1.29
1.18	0.63	0.28	0.09	0.02	0.002		0.001	6.42	5.48	4.84	4.18	3.4	2.57	1.76	1.07	0.57	0.25	0.08	0.01	0.002		0.001	0	2.06
1.24	0.68	0.31	0.11	0.02	0.003		0.001	6.41	5.49	4.88	4.23	3.48	2.66	1.84	1.14	0.61	0.28	0.09	0.02	0.003		0.001	106.7	2.29
1.32	0.73	0.34	0.12	0.03	0.006		0.001	6.4	5.5	4.91	4.29	3.56	2.76	1.93	1.2	0.66	0.31	0.11	0.02	0.006		0.001	0	1.93
1.41	0.79	0.38	0.14	0.04	0.007		0.002	6.39	5.52	4.95	4.36	3.65	2.86	2.02	1.28	0.72	0.34	0.13	0.03	0.007		0.002	0	1.42
1.5	0.86	0.42	0.17	0.05	0.009		0.002	6.37	5.53	4.99	4.42	3.74	2.96	2.13	1.37	0.78	0.38	0.15	0.04	0.009		0.002	0	1.99
1.6	0.94	0.47	0.19	0.06	0.01		0.001	6.36	5.53	5.02	4.47	3.82	3.06	2.23	1.46	0.85	0.42	0.17	0.05	0.01		0.001	0	2.07
1.7	1.01	0.52	0.22	0.07	0.01		0.001	6.34	5.54	5.04	4.52	3.89	3.15	2.32	1.54	0.91	0.46	0.19	0.06	0.01		0.001	0	2.11
1.8	1.08	0.56	0.24	0.08	0.01		0	6.33	5.55	5.07	4.57	3.96	3.24	2.42	1.63	0.98	0.51	0.21	0.07	0.01		0	0	1.09
1.89	1.16	0.61	0.26	0.09	0.01	0.004	0.001	6.34	5.56	5.1	4.61	4.02	3.32	2.51	1.71	1.04	0.55	0.24	0.08	0.01	0.004	0.001	0	1.84
1.99	1.23	0.66	0.29	0.1	0.01	0.004	0.001	6.35	5.58	5.13	4.66	4.09	3.4	2.59	1.79	1.11	0.59	0.26	0.09	0.01	0.004	0.001	0	2.11
2.07	1.3	0.7	0.31	0.11	0.02	0.004	0.002	6.38	5.62	5.16	4.7	4.14	3.47	2.67	1.87	1.17	0.63	0.28	0.09	0.01	0.004	0.002	0	1.71
2.15	1.36	0.75	0.34	0.12	0.02	0.005	0.003	6.41	5.65	5.2	4.74	4.19	3.52	2.74	1.93	1.22	0.67	0.3	0.1	0.02	0.005	0.003	83.2	1.92
2.21	1.42	0.78	0.36	0.13	0.02	0.005	0.004	6.44	5.67	5.22	4.77	4.22	3.57	2.79	1.98	1.27	0.7	0.32	0.11	0.02	0.005	0.004	0	2.12
2.26	1.45	0.81	0.37	0.13	0.03	0.005	0.004	6.46	5.69	5.24	4.79	4.24	3.59	2.82	2.02	1.3	0.72	0.33	0.12	0.02	0.005	0.004	0	1.48
2.29	1.48	0.83	0.38	0.14	0.03	0.006	0.004	6.48	5.71	5.25	4.8	4.25	3.61	2.84	2.04	1.32	0.74	0.34	0.12	0.02	0.006	0.004	150.4	2.05
2.3	1.49	0.84	0.38	0.13	0.03	0.006	0.004	6.49	5.71	5.25	4.79	4.25	3.6	2.84	2.04	1.32	0.74	0.34	0.12	0.03	0.006	0.004	0	2.11
2.3	1.49	0.84	0.38	0.13	0.03	0.007	0.003	6.51	5.71	5.25	4.79	4.24	3.59	2.83	2.03	1.32	0.74	0.33	0.11	0.03	0.007	0.003	0	1.65
2.3	1.49	0.84	0.38	0.13	0.03	0.007	0.001	6.52	5.71	5.25	4.78	4.23	3.58	2.82	2.02	1.31	0.74	0.33	0.11	0.03	0.007	0.001	0	1.9
2.29	1.48	0.83	0.37	0.13	0.03	0.008	0	6.54	5.72	5.26	4.78	4.22	3.57	2.8	2.01	1.3	0.73	0.33	0.11	0.03	0.008	0	0	2.18
2.29	1.47	0.82	0.37	0.13	0.04		0.001	6.57	5.72	5.26	4.78	4.22	3.56	2.79	2	1.29	0.72	0.32	0.11	0.03		0.001	0	2.23
2.29	1.47	0.81	0.37	0.13	0.04		0.003	6.59	5.73	5.27	4.79	4.22	3.55	2.78	1.99	1.28	0.71	0.32	0.11	0.03		0.003	0	1.8
2.29	1.46	0.81	0.37	0.13	0.04	0.01	0.001	6.62	5.75	5.28	4.79	4.22	3.55	2.78	1.98	1.27	0.7	0.32	0.11	0.03	0.01	0.001	0	2.02
2.29	1.46	0.8	0.37	0.14	0.05	0.01	0.005	6.64	5.76	5.28	4.79	4.22	3.55	2.78	1.98	1.26	0.7	0.32	0.12	0.04	0.01	0.005	93.4	2.25
2.3	1.46	0.8	0.36	0.14	0.05	0.02	0.01	6.66	5.77	5.29	4.8	4.22	3.56	2.78	1.98	1.26	0.69	0.31	0.12	0.04	0.02	0.01	0	2.26
2.31	1.46	0.79	0.36	0.14	0.06	0.02	0.01	6.68	5.78	5.29	4.8	4.23	3.56	2.78	1.98	1.25	0.68	0.31	0.12	0.05	0.02	0.01	0	2.03
2.32	1.46	0.79	0.36	0.14	0.06	0.02	0.01	6.7	5.79	5.29	4.8	4.23	3.57	2.79	1.98	1.25	0.68	0.31	0.12	0.05	0.02	0.01	0	1.52
2.33	1.46	0.78	0.35	0.14	0.06	0.02	0.01	6.71	5.8	5.3	4.81	4.23	3.57	2.8	1.98	1.25	0.67	0.3	0.12	0.05	0.02	0.01	0	2.08
2.34	1.46	0.77	0.34	0.14	0.06	0.02	0.01	6.73	5.81	5.3	4.81	4.24	3.58	2.81	1.99	1.24	0.66	0.29	0.12	0.05	0.02	0.01	0	2.24
2.35	1.46	0.76	0.34	0.14	0.05	0.02	0.01	6.75	5.82	5.3	4.81	4.24	3.59	2.81	1.99	1.24	0.65	0.29	0.12	0.05	0.02	0.01	0	1.59
2.36	1.45	0.76	0.33	0.14	0.05	0.02	0.01	6.76	5.82	5.31	4.81	4.24	3.59	2.82	1.99	1.24	0.65	0.28	0.12	0.04	0.02	0.01	0	2.02
2.36	1.45	0.75	0.33	0.13	0.05	0.02	0.01	6.77	5.83	5.31	4.81	4.24	3.59	2.82	1.99	1.23	0.64	0.28	0.11	0.04	0.02	0.01	0	2.27
2.35	1.44	0.75	0.33	0.14	0.05	0.02	0.01	6.77	5.84	5.31	4.81	4.24	3.58	2.81	1.98	1.22	0.64	0.28	0.11	0.04	0.02	0.01	0	2.16
2.34	1.43	0.74	0.33	0.14	0.05	0.02	0.01	6.78	5.85	5.31	4.81	4.23	3.57	2.8	1.97	1.22	0.63	0.28	0.12	0.05	0.02	0.01	0	1.64
2.32	1.42	0.74	0.33	0.14	0.06	0.03	0.01	6.79	5.86	5.32	4.82	4.23	3.57	2.79	1.96	1.21	0.63	0.28	0.12	0.05	0.02	0.01	0	1.53
2.31	1.41	0.74	0.33	0.14	0.06	0.03	0.01	6.8	5.88	5.34	4.83	4.23	3.56	2.77	1.94	1.2	0.63	0.28	0.12	0.05	0.02	0.01	0	2.11
2.29	1.4	0.74	0.33	0.14	0.06	0.03	0.01	6.82	5.91	5.37	4.85	4.24	3.55	2.76	1.93	1.19	0.63	0.28	0.12	0.05	0.02	0.01	0	2.38
2.26	1.39	0.73	0.33	0.14	0.06	0.03	0.01	6.84	5.95	5.4	4.87	4.26	3.55	2.74	1.91	1.17	0.62	0.29	0.12	0.05	0.02	0.01	0	2.41
2.24	1.37	0.73	0.33	0.14	0.06	0.03	0.01	6.87	5.98	5.43	4.9	4.27	3.55	2.72	1.89	1.16	0.62	0.29	0.12	0.05	0.02	0.01	0	2.08
2.21	1.35	0.72	0.33	0.14	0.06	0.03	0.01	6.89	6.01	5.46	4.92	4.28	3.54	2.7	1.86	1.15	0.61	0.28	0.12	0.05	0.02	0.01	0	2.1
2.17	1.33	0.71	0.33	0.14	0.05	0.03	0.01	6.91	6.03	5.48	4.93	4.28	3.53	2.68	1.83	1.13	0.61	0.28	0.12	0.05	0.02	0.01	0	2.5
2.13	1.3	0.7	0.32	0.13	0.05	0.03	0.01	6.91	6.04	5.49	4.94	4.27	3.5	2.64	1.8	1.1	0.6	0.28	0.11	0.05	0.02	0.01	0	2.54
2.08	1.27	0.68	0.32	0.13	0.05	0.03	0.01	6.89	6.03	5.49	4.93	4.25	3.47	2.6	1.76	1.08	0.58	0.27	0.11	0.05	0.02	0.01	0	2.17
2.03	1.23	0.66	0.31																					

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.51	0.81	0.36	0.12	0.03	0.003	-0.001	0.002	6.76	5.89	5.36	4.8	4.09	3.24	2.3	1.43	0.77	0.34	0.12	0.02	0.003	-0.001	0.002	0	2.33
1.53	0.82	0.36	0.12	0.03	0.004	-0.001	0.002	6.74	5.88	5.36	4.8	4.09	3.25	2.32	1.44	0.77	0.34	0.11	0.02	0.004	-0.001	0.002	0	2.67
1.55	0.83	0.36	0.12	0.02	0.005	-0.001	0.002	6.72	5.87	5.35	4.8	4.1	3.27	2.34	1.46	0.78	0.34	0.11	0.02	0.005	-0.001	0.002	96.9	2.63
1.13	0.56	0.22	0.07	0.01	0.002	-0.003	0.002	6.46	5.55	5.01	4.4	3.68	2.83	1.91	1.11	0.54	0.22	0.07	0.01	0.002	-0.003	0.002	79.9	1.98
1.12	0.55	0.23	0.07	0.02	0.003	-0.003	0.003	6.44	5.54	4.99	4.39	3.67	2.82	1.91	1.11	0.54	0.22	0.07	0.01	0.003	-0.003	0.003	0	2.31
1.11	0.55	0.23	0.08	0.02	0.005	-0.002	0.003	6.4	5.51	4.95	4.36	3.64	2.8	1.89	1.1	0.54	0.22	0.07	0.02	0.005	-0.002	0.003	0	2.36
1.09	0.55	0.24	0.09	0.03	0.006	-0.001	0.003	6.35	5.46	4.91	4.32	3.6	2.76	1.87	1.08	0.54	0.23	0.08	0.02	0.006	-0.001	0.003	0	2.31
1.08	0.55	0.24	0.09	0.03	0.008	0	0.003	6.29	5.42	4.86	4.28	3.56	2.73	1.84	1.07	0.54	0.23	0.09	0.03	0.008	0	0.003	65.4	1.67
1.06	0.54	0.24	0.1	0.03	0.01	0.001	0.003	6.26	5.38	4.83	4.24	3.52	2.69	1.81	1.06	0.54	0.24	0.09	0.03	0.009	0.001	0.003	0	2.38
1.05	0.54	0.25	0.1	0.04	0.01	0.001	0.003	6.26	5.37	4.82	4.23	3.5	2.67	1.8	1.05	0.54	0.24	0.09	0.03	0.009	0.001	0.003	0	2.74
1.04	0.54	0.25	0.1	0.03	0.008	0.001	0.002	6.29	5.39	4.83	4.23	3.5	2.66	1.79	1.04	0.54	0.24	0.09	0.03	0.008	0.001	0.002	0	2.81
1.04	0.54	0.25	0.1	0.03	0.007	0	0.002	6.35	5.43	4.86	4.25	3.51	2.66	1.78	1.04	0.53	0.24	0.09	0.03	0.007	0	0.002	0	2.57
1.03	0.54	0.24	0.09	0.03	0.006	-0.001	0.003	6.42	5.48	4.9	4.28	3.53	2.66	1.78	1.04	0.53	0.24	0.09	0.02	0.006	-0.001	0.003	0	1.84
1.03	0.54	0.24	0.09	0.02	0.006	-0.002	0.003	6.49	5.53	4.94	4.31	3.54	2.66	1.77	1.03	0.53	0.23	0.08	0.02	0.006	-0.002	0.003	0	2.63
1.02	0.53	0.24	0.09	0.02	0.005	-0.002	0.003	6.54	5.56	4.96	4.32	3.53	2.65	1.76	1.02	0.53	0.23	0.08	0.02	0.005	-0.002	0.003	0	2.77
1	0.52	0.24	0.09	0.02	0.004	-0.002	0.003	6.54	5.56	4.95	4.3	3.51	2.62	1.73	1.01	0.52	0.23	0.08	0.02	0.004	-0.002	0.003	0	2.79
0.98	0.51	0.23	0.09	0.02	0.006	-0.001	0.003	6.5	5.53	4.91	4.25	3.45	2.56	1.69	0.98	0.51	0.23	0.08	0.02	0.006	-0.001	0.003	0	2.64
0.94	0.49	0.23	0.09	0.03	0.009	-0.001	0.002	6.41	5.45	4.83	4.18	3.38	2.49	1.63	0.94	0.49	0.22	0.09	0.02	0.009	-0.001	0.002	0	2.18
0.9	0.47	0.22	0.09	0.03	0.01	0.001	0.002	6.31	5.38	4.75	4.1	3.3	2.42	1.57	0.9	0.47	0.22	0.09	0.03	0.01	0.001	0.002	0	2.35
0.87	0.46	0.22	0.1	0.03	0.01	0.002	0.002	6.22	5.3	4.68	4.02	3.22	2.35	1.52	0.87	0.45	0.21	0.09	0.03	0.01	0.002	0.002	0	2.73
0.84	0.44	0.21	0.1	0.04	0.01	0.003	0.003	6.17	5.25	4.63	3.97	3.17	2.3	1.48	0.84	0.43	0.21	0.09	0.03	0.01	0.003	0.003	0	2.79
0.82	0.43	0.21	0.09	0.03	0.01	0.002	0.003	6.15	5.24	4.61	3.95	3.15	2.27	1.45	0.82	0.42	0.2	0.09	0.03	0.01	0.002	0.003	0	2.7
0.81	0.42	0.2	0.09	0.03	0.01	0.001	0.004	6.18	5.25	4.63	3.96	3.14	2.26	1.43	0.8	0.41	0.19	0.08	0.03	0.01	0.001	0.004	0	2.29
0.8	0.41	0.19	0.08	0.03	0.01	0	0.004	6.23	5.28	4.66	3.97	3.15	2.26	1.43	0.8	0.4	0.19	0.08	0.03	0.01	0	0.004	0	2.18
0.8	0.4	0.19	0.08	0.02	0.01	-0.002	0.004	6.29	5.31	4.69	3.99	3.16	2.26	1.42	0.79	0.4	0.18	0.07	0.02	0.009	-0.002	0.004	0	2.6
0.79	0.4	0.18	0.07	0.02	0.009	-0.003	0.005	6.34	5.33	4.71	4	3.16	2.25	1.41	0.78	0.39	0.17	0.07	0.02	0.009	-0.003	0.005	0	2.55
0.78	0.39	0.17	0.06	0.02	0.009	-0.003	0.005	6.35	5.32	4.71	3.99	3.14	2.23	1.4	0.77	0.38	0.16	0.06	0.02	0.009	-0.003	0.005	0	2.33
0.77	0.38	0.17	0.06	0.02	0.008	-0.003	0.004	6.34	5.3	4.68	3.96	3.11	2.2	1.37	0.76	0.37	0.16	0.06	0.02	0.008	-0.003	0.004	0	2.09
0.76	0.37	0.16	0.06	0.02	0.008	-0.003	0.004	6.3	5.25	4.63	3.91	3.06	2.16	1.35	0.74	0.36	0.16	0.05	0.02	0.008	-0.003	0.004	0	2.04
0.74	0.37	0.16	0.06	0.02	0.008	-0.001	0.003	6.24	5.2	4.58	3.86	3.01	2.12	1.32	0.72	0.35	0.15	0.05	0.02	0.008	-0.001	0.003	0	1.32
0.73	0.36	0.16	0.06	0.02	0.01	0.001	0.003	6.17	5.16	4.53	3.81	2.97	2.09	1.29	0.71	0.35	0.15	0.05	0.02	0.01	0.001	0.003	0	1.87
0.72	0.35	0.16	0.06	0.02	0.01	0.002	0.002	6.12	5.13	4.49	3.79	2.94	2.06	1.28	0.7	0.34	0.15	0.05	0.02	0.01	0.002	0.002	0	1.95
0.71	0.35	0.15	0.06	0.02	0.01	0.003	0.003	6.08	5.11	4.48	3.78	2.93	2.06	1.27	0.69	0.33	0.14	0.05	0.02	0.01	0.003	0.003	0	1.39
0.7	0.34	0.15	0.05	0.02	0.01	0.003	0.002	6.07	5.12	4.48	3.79	2.95	2.06	1.27	0.68	0.33	0.14	0.05	0.02	0.01	0.003	0.002	0	1.62
0.7	0.34	0.14	0.05	0.02	0.01	0.003	0.002	6.07	5.14	4.51	3.83	2.98	2.09	1.28	0.68	0.32	0.14	0.05	0.02	0.01	0.003	0.002	588	2.13
0.71	0.34	0.14	0.05	0.02	0.008	0.003	0.001	6.09	5.17	4.55	3.87	3.03	2.12	1.3	0.69	0.32	0.13	0.04	0.01	0.008	0.003	0.001	0	2.02
0.73	0.34	0.14	0.05	0.02	0.007	0.003	0.001	6.11	5.22	4.6	3.93	3.08	2.17	1.32	0.7	0.33	0.14	0.05	0.01	0.007	0.003	0.001	0	1.39
0.75	0.35	0.15	0.05	0.02	0.007	0.004	0	6.15	5.26	4.66	3.99	3.14	2.21	1.36	0.72	0.34	0.14	0.05	0.01	0.007	0.004	0	0	1.79
0.77	0.37	0.16	0.06	0.02	0.007	0.003	0.001	6.18	5.31	4.72	4.05	3.19	2.27	1.39	0.74	0.35	0.15	0.05	0.02	0.007	0.003	0.001	0	2.12
0.8	0.38	0.16	0.06	0.02	0.006	0.003	0.001	6.22	5.35	4.77	4.1	3.25	2.31	1.43	0.77	0.36	0.16	0.06	0.02	0.006	0.003	0.001	0	1.67
0.83	0.4	0.17	0.07	0.02	0.006	0.002	0.001	6.26	5.4	4.83	4.16	3.31	2.37	1.47	0.79	0.38	0.16	0.06	0.02	0.006	0.002	0.001	0	2.36
0.87	0.42	0.19	0.07	0.02	0.006	0.002	0.001	6.31	5.45	4.88	4.21	3.36	2.42	1.51	0.83	0.4	0.18	0.07	0.02	0.006	0.002	0.001	0	2.32
0.9	0.45	0.2	0.08	0.02	0.007	0.001	0.001	6.35	5.5	4.93	4.27	3.42	2.48	1.56	0.86	0.42	0.19	0.07	0.02	0.007	0.001	0.001	0	1.63
0.94	0.47	0.21	0.08	0.02	0.007	0	0.001	6.39	5.54	4.98	4.32	3.48	2.53	1.61	0.89	0.44	0.2	0.08	0.02	0.007	0	0.001	0	1.86
0.98	0.49	0.22	0.09	0.02	0.007	-0.001	0.001	6.42	5.57	5.01	4.36	3.53	2.58	1.65	0.93	0.46	0.2	0.08	0.02	0.007	-0.001	0.001	0	2.14
1.03	0.52	0.23	0.09	0.02	0.007	-0.001	0.001	6.44	5.59	5.04	4.4	3.58	2.63	1.7	0.96	0.48	0.21	0.08	0.02	0.007	-0.001	0.001	0	2.2
1.07	0.54	0.24	0.09	0.02	0.006	-0.002	0.001	6.45	5.6	5.06	4.43	3.62	2.68	1.74	0.99	0.5	0.22	0.08	0.01	0.006	-0.002	0.001	0	2.28
1.11	0.56	0.25	0.09	0.02	0.006	-0.002	0.001	6.46	5.61	5.08	4.46	3.66	2.73	1.79	1.03	0.52	0.23	0.09	0.01	0.006	-0.002	0.001	0	1.99
1.15	0.59	0.26	0.1	0.02	0.006	-0.003	0.001	6.46	5.62	5.09	4.49	3.7	2.78	1.84	1.07	0.55	0.24	0.09	0.01	0.006	-0.003	0.001	0	1.69
1.2	0.62	0.27	0.1	0.01	0.006	-0.003	0.001	6.47	5.63	5.11	4.52	3.74	2.83	1.89	1.1	0.57	0.25	0.09	0.01	0.006	-0.003	0.001	0	2.35
1.24	0.64	0.29	0.1	0.01	0.006	-0.003	0.001	6.48	5.64	5.13	4.55	3.78	2.88	1.93	1.14	0.59	0.26	0.09	0.01	0.006	-0.003	0.001	0	2.48
1.29	0.67	0.3	0.1	0.02	0.006	-0.002	0.001	6.5	5.66	5.15	4.58	3.82	2.92	1.98	1.18	0.61	0.27	0.09	0.01	0.006	-0.002	0.001	0	2.09
1.33	0.7	0.31	0.1	0.02	0.006	-0.002	0.002	6.53	5.68	5.17	4.6	3.86	2.97	2.02	1.21	0.63	0.28	0.09	0.01	0.006				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.62	0.89	0.4	0.14	0.03	0.007	-0.002	0.002	6.32	5.51	5.1	4.62	4.02	3.26	2.37	1.52	0.83	0.37	0.13	0.03	0.007	-0.002	0.002	0	1.66
1.61	0.89	0.4	0.14	0.03	0.007	-0.002	0.001	6.3	5.5	5.1	4.62	4.02	3.26	2.37	1.51	0.83	0.37	0.13	0.03	0.007	-0.002	0.001	0	2.01
1.6	0.88	0.4	0.14	0.03	0.008	-0.001	0.001	6.27	5.48	5.09	4.61	4.01	3.26	2.37	1.51	0.82	0.37	0.13	0.03	0.008	-0.001	0.001	0	2.18
1.6	0.87	0.4	0.14	0.04	0.01	0.001	0.001	6.24	5.47	5.07	4.6	4	3.25	2.36	1.5	0.82	0.36	0.13	0.03	0.01	0.001	0.001	0	1.53
1.59	0.87	0.39	0.15	0.04	0.01	0.004	0.002	6.21	5.46	5.05	4.59	3.99	3.24	2.35	1.49	0.81	0.36	0.13	0.04	0.01	0.004	0.002	0	2.06
1.58	0.86	0.39	0.15	0.05	0.01	0.006	0.002	6.18	5.45	5.04	4.58	3.98	3.23	2.34	1.48	0.8	0.36	0.14	0.04	0.01	0.006	0.002	61.5	2.35
1.57	0.86	0.39	0.15	0.05	0.01	0.007	0.003	6.17	5.44	5.03	4.58	3.97	3.22	2.33	1.47	0.8	0.36	0.14	0.04	0.01	0.007	0.003	0	1.9
1.57	0.85	0.39	0.15	0.05	0.01	0.008	0.003	6.17	5.45	5.03	4.58	3.97	3.21	2.32	1.47	0.79	0.36	0.14	0.04	0.01	0.008	0.003	0	1.47
1.56	0.85	0.39	0.15	0.05	0.01	0.008	0.004	6.18	5.46	5.04	4.58	3.97	3.21	2.32	1.46	0.79	0.35	0.13	0.04	0.01	0.008	0.004	0	1.67
1.56	0.84	0.38	0.15	0.04	0.01	0.008	0.004	6.21	5.48	5.05	4.59	3.98	3.21	2.31	1.45	0.78	0.35	0.13	0.04	0.01	0.008	0.004	0	1.55
1.56	0.84	0.38	0.14	0.04	0.01	0.007	0.004	6.24	5.49	5.06	4.6	3.98	3.21	2.3	1.45	0.78	0.35	0.13	0.04	0.01	0.007	0.004	0	1.68
1.55	0.84	0.38	0.14	0.04	0.01	0.006	0.004	6.26	5.5	5.08	4.61	3.98	3.2	2.3	1.44	0.77	0.34	0.12	0.03	0.01	0.006	0.004	0	1.67
1.54	0.83	0.37	0.14	0.04	0.01	0.006	0.004	6.28	5.51	5.08	4.6	3.97	3.19	2.28	1.43	0.76	0.34	0.12	0.03	0.01	0.006	0.004	0	2.16
1.54	0.83	0.37	0.14	0.04	0.01	0.005	0.003	6.28	5.5	5.08	4.59	3.96	3.18	2.27	1.42	0.76	0.34	0.12	0.03	0.01	0.005	0.003	0	2.36
1.53	0.82	0.37	0.14	0.04	0.01	0.005	0.004	6.28	5.49	5.07	4.58	3.94	3.16	2.25	1.4	0.75	0.33	0.12	0.03	0.01	0.005	0.004	0	2.41
1.51	0.81	0.36	0.14	0.04	0.01	0.006	0.004	6.26	5.48	5.06	4.56	3.92	3.13	2.23	1.39	0.74	0.33	0.12	0.03	0.01	0.006	0.004	84.4	1.91
1.49	0.8	0.36	0.13	0.04	0.01	0.006	0.004	6.25	5.46	5.04	4.53	3.9	3.11	2.21	1.37	0.73	0.32	0.12	0.04	0.01	0.006	0.004	0	1.77
1.47	0.78	0.35	0.13	0.04	0.01	0.005	0.003	6.24	5.45	5.02	4.51	3.87	3.08	2.18	1.35	0.72	0.32	0.12	0.04	0.01	0.005	0.003	88.4	2.23
1.45	0.77	0.34	0.12	0.04	0.01	0.004	0.002	6.23	5.44	5.01	4.49	3.85	3.06	2.16	1.33	0.7	0.31	0.11	0.03	0.01	0.004	0.002	0	2.39
1.43	0.75	0.33	0.12	0.04	0.01	0.003	0.002	6.23	5.43	4.99	4.48	3.83	3.03	2.13	1.31	0.68	0.3	0.1	0.03	0.01	0.003	0.002	0	2.25
1.4	0.73	0.32	0.11	0.03	0.009	0.001	0.001	6.23	5.43	4.98	4.46	3.8	3	2.11	1.28	0.67	0.29	0.1	0.03	0.009	0.001	0.001	0	1.79
1.38	0.71	0.3	0.1	0.03	0.006	0	0.001	6.23	5.42	4.97	4.44	3.78	2.97	2.08	1.26	0.65	0.28	0.09	0.02	0.006	0	0.001	0	2.33
1.35	0.7	0.29	0.1	0.02	0.005	-0.001	0	6.23	5.41	4.95	4.43	3.76	2.94	2.05	1.23	0.63	0.27	0.09	0.02	0.005	-0.001	0	0	2.43
1.32	0.68	0.28	0.09	0.02	0.004	-0.001	0	6.21	5.4	4.93	4.4	3.73	2.91	2.02	1.21	0.62	0.26	0.08	0.02	0.004	-0.001	0	0	2
1.29	0.66	0.28	0.09	0.02	0.003	0	0	6.2	5.39	4.91	4.38	3.7	2.88	1.98	1.19	0.6	0.25	0.08	0.02	0.003	0	0	0	1.9
1.27	0.64	0.27	0.08	0.02	0.002	0	0	6.19	5.38	4.89	4.36	3.68	2.86	1.96	1.16	0.59	0.24	0.07	0.02	0.002	0	0	0	2.23
1.24	0.63	0.26	0.08	0.02	0.001	0	0	6.18	5.38	4.88	4.35	3.66	2.83	1.93	1.14	0.57	0.23	0.07	0.01	0.001	0	0	0	2.21
1.22	0.61	0.25	0.07	0.02	0	0	0	6.18	5.37	4.87	4.34	3.64	2.81	1.91	1.12	0.56	0.22	0.07	0.01	0	0	0	0	1.96
1.2	0.6	0.24	0.07	0.01	0	0	0.001	6.18	5.38	4.87	4.33	3.63	2.8	1.89	1.11	0.55	0.22	0.06	0.01	0	0	0.001	0	1.52
1.18	0.58	0.23	0.06	0.01	-0.001	0	0.001	6.19	5.38	4.87	4.33	3.62	2.79	1.88	1.09	0.53	0.21	0.06	0.01	-0.001	0	0.001	0	1.66
1.17	0.57	0.22	0.06	0.01	-0.001	0	0.001	6.19	5.38	4.86	4.32	3.61	2.77	1.86	1.08	0.52	0.2	0.05	0.01	-0.001	0	0.001	0	2.18
1.15	0.56	0.22	0.06	0.01	-0.001	0	0.001	6.19	5.39	4.86	4.31	3.6	2.76	1.85	1.06	0.51	0.2	0.05	0.01	-0.001	0	0.001	0	2.35
1.13	0.55	0.21	0.06	0.01	-0.001	0	0.001	6.18	5.38	4.85	4.3	3.59	2.75	1.84	1.05	0.5	0.19	0.05	0.01	-0.001	0	0.001	0	2.57
1.12	0.54	0.21	0.06	0.01	0	-0.001	0.001	6.17	5.38	4.84	4.29	3.58	2.73	1.82	1.04	0.5	0.19	0.05	0.01	0	-0.001	0.001	0	1.66
1.11	0.53	0.21	0.06	0.01	0.003	0	0.001	6.15	5.37	4.82	4.28	3.56	2.72	1.81	1.03	0.49	0.19	0.05	0.01	0.003	0	0.001	202.1	2.31
1.09	0.53	0.21	0.06	0.02	0.005	0.001	0.001	6.15	5.37	4.82	4.27	3.55	2.71	1.8	1.02	0.49	0.19	0.05	0.01	0.005	0.001	0.001	0	2.39
1.09	0.52	0.21	0.06	0.02	0.006	0.001	0.001	6.16	5.38	4.83	4.28	3.55	2.7	1.8	1.02	0.49	0.19	0.05	0.01	0.006	0.001	0.001	0	1.79
1.09	0.52	0.21	0.06	0.02	0.005	0.001	0.001	6.18	5.39	4.85	4.29	3.56	2.71	1.8	1.02	0.49	0.19	0.05	0.01	0.005	0.001	0.001	0	1.93
1.08	0.52	0.21	0.06	0.02	0.005	0.001	0.001	6.22	5.41	4.88	4.31	3.58	2.72	1.8	1.02	0.49	0.19	0.05	0.01	0.005	0.001	0.001	0	1.69
1.09	0.52	0.2	0.06	0.01	0.004	0	0.001	6.27	5.44	4.91	4.34	3.6	2.73	1.81	1.03	0.49	0.19	0.05	0.01	0.004	0	0.001	0	1.62
1.09	0.52	0.2	0.06	0.01	0.003	0	0.001	6.32	5.48	4.95	4.37	3.62	2.75	1.82	1.03	0.49	0.19	0.05	0.01	0.003	0	0.001	92.4	2.06
1.09	0.52	0.2	0.06	0.01	0.002	0	0.001	6.37	5.51	4.99	4.4	3.65	2.77	1.83	1.04	0.49	0.19	0.05	0.01	0.002	0	0.001	0	1.63
1.1	0.53	0.2	0.06	0.01	0.001	-0.001	0.001	6.43	5.56	5.03	4.43	3.68	2.79	1.84	1.04	0.49	0.19	0.05	0.01	0.001	-0.001	0.001	0	2.4
1.1	0.53	0.2	0.06	0.01	0.001	-0.001	0.001	6.47	5.6	5.06	4.47	3.7	2.81	1.85	1.05	0.49	0.19	0.05	0.01	0.001	-0.001	0.001	0	2.39
1.1	0.53	0.2	0.06	0.01	0	-0.001	0.001	6.52	5.64	5.1	4.5	3.73	2.82	1.86	1.05	0.5	0.19	0.05	0.01	0	-0.001	0.001	0	1.36
1.11	0.53	0.2	0.06	0.01	0	-0.001	0.001	6.56	5.69	5.14	4.53	3.75	2.84	1.87	1.05	0.5	0.19	0.05	0.01	0	-0.001	0.001	0	2.35
1.11	0.53	0.2	0.06	0.01	0	-0.001	0.001	6.59	5.72	5.16	4.55	3.77	2.85	1.88	1.05	0.5	0.19	0.05	0.01	0	-0.001	0.001	0	2.24
1.1	0.53	0.2	0.06	0.01	0.001	0	0.001	6.6	5.75	5.18	4.57	3.78	2.86	1.88	1.05	0.5	0.19	0.06	0.01	0.001	0	0.001	0	2
1.1	0.53	0.21	0.07	0.01	0.001	0	0.001	6.62	5.77	5.2	4.58	3.79	2.86	1.88	1.05	0.5	0.19	0.06	0.01	0.001	0	0.001	0	2.15
1.1	0.53	0.21	0.07	0.01	0.002	0	0.001	6.63	5.79	5.21	4.59	3.79	2.86	1.88	1.05	0.5	0.19	0.06	0.01	0.002	0	0.001	0	2.39
1.1	0.53	0.21	0.07	0.01	0.003	0.001	0.001	6.64	5.79	5.22	4.59	3.79	2.86	1.87	1.05	0.5	0.2	0.06	0.01	0.003	0.001	0.001	0	1.96
1.1	0.53	0.22	0.07	0.01	0.003	0	0.001	6.65	5.8	5.23	4.6	3.79	2.86	1.87	1.05	0.5	0.2	0.06	0.01	0.003	0	0.001	0	1.55
1.1	0.53	0.22	0.06	0.01	0.001	-0.001	0.001	6.68	5.82	5.25	4.61	3.8	2.86	1.87	1.05	0.5	0.2	0.06	0.01	0.001	-0.001	0.001	0	2.47
1.11	0.54	0.22	0.06	0.01	-0.001	0	0.003	6.72	5.84	5.27	4.63	3.81	2.86	1.88	1.05	0.51	0.21	0.06	0.01	-0.001				

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq	
0.47	0.14	0.02	0.001	0.004	-0.007	0.001	0.007	6.92	5.85	5.07	4.15	3.03	1.92	0.99	0.4	0.12	0.02	0.001	0.004	-0.007	0.001	0.007	148.6	2.21	
0.44	0.14	0.02	0.002	0.004	-0.008	0.001	0.007	6.83	5.73	4.95	4.03	2.93	1.84	0.94	0.38	0.12	0.02	0.002	0.004	-0.008	0.001	0.007	0	1.87	
0.41	0.13	0.02	0.003	0.005	-0.007	0.001	0.006	6.73	5.62	4.83	3.9	2.81	1.75	0.89	0.36	0.11	0.02	0.003	0.005	-0.007	0.001	0.006	0	2.39	
0.38	0.12	0.02	0.004	0.004	-0.006	0	0.004	6.67	5.54	4.73	3.8	2.71	1.66	0.83	0.33	0.1	0.02	0.004	0.004	-0.006	0	0.004	0	2.66	
0.35	0.11	0.02	0.005	0.005	-0.005	-0.001	0.001	6.65	5.49	4.66	3.72	2.63	1.59	0.78	0.31	0.1	0.02	0.005	0.005	-0.005	-0.001	0.001	0	2.73	
0.32	0.1	0.02	0.006	0.006	-0.002	-0.001	0.001	6.69	5.48	4.64	3.68	2.57	1.53	0.74	0.29	0.09	0.02	0.006	0.006	-0.002	-0.001	0.001	0	2.63	
0.3	0.1	0.02	0.006	0.005	-0.001	0	0.001	6.75	5.52	4.65	3.67	2.55	1.5	0.71	0.27	0.09	0.02	0.006	0.005	-0.001	0	0.001	0	1.93	
0.29	0.09	0.02	0.006	0.004	-0.002	0	0.001	6.83	5.57	4.69	3.69	2.54	1.48	0.69	0.26	0.08	0.02	0.006	0.004	-0.002	0	0.001	0	2.58	
0.27	0.09	0.02	0.005	0.003	-0.002	0	0.001	6.9	5.61	4.72	3.71	2.54	1.47	0.67	0.25	0.08	0.02	0.005	0.003	-0.002	0	0.001	0	2.78	
0.26	0.09	0.02	0.005	0.002	-0.003	0.001	0.001	6.93	5.63	4.73	3.71	2.54	1.45	0.65	0.24	0.08	0.02	0.005	0.002	-0.003	0.001	0.001	0	2.68	
0.25	0.08	0.02	0.005	0.002	-0.003	0.002	0.001	6.92	5.61	4.71	3.68	2.51	1.43	0.63	0.23	0.07	0.02	0.005	0.002	-0.003	0.002	0.001	0	2.42	
0.24	0.08	0.02	0.005	0.003	-0.003	0.002	0	6.85	5.54	4.64	3.62	2.46	1.39	0.61	0.22	0.07	0.02	0.005	0.003	-0.003	0.002	0	0	1.53	
0.22	0.08	0.02	0.005	0.003	-0.002	0	0	6.75	5.44	4.54	3.53	2.39	1.34	0.58	0.21	0.07	0.02	0.005	0.003	-0.002	0	0	0	2.48	
0.21	0.07	0.02	0.005	0.003	-0.002	0	0	6.62	5.31	4.42	3.42	2.3	1.28	0.56	0.2	0.07	0.02	0.005	0.003	-0.002	0	0	0	2.65	
0.2	0.07	0.02	0.006	0.003	-0.001	0.001	0.001	6.48	5.17	4.28	3.3	2.21	1.22	0.53	0.19	0.07	0.02	0.006	0.003	-0.001	0.001	0	0	2.5	
0.2	0.07	0.02	0.007	0.003	0.001	0.001	0.001	6.35	5.03	4.14	3.17	2.11	1.16	0.5	0.18	0.07	0.02	0.007	0.003	0.001	0.001	0	0	1.45	
0.19	0.07	0.02	0.007	0.003	0.002	0.001	0.001	6.24	4.9	4.01	3.05	2.02	1.11	0.48	0.18	0.06	0.02	0.007	0.003	0.002	0.001	0	0	2.27	
0.19	0.07	0.02	0.006	0.002	0.003	0.001	0.001	6.17	4.8	3.89	2.94	1.93	1.06	0.47	0.18	0.06	0.02	0.006	0.002	0.003	0.001	0	0	2.11	
0.19	0.07	0.02	0.006	0.001	0.002	0	0	6.13	4.71	3.79	2.85	1.86	1.03	0.46	0.18	0.07	0.02	0.006	0.001	0.002	0	0	0	1.93	
0.19	0.07	0.02	0.005	0	0.003	0	0	6.1	4.62	3.69	2.76	1.8	0.99	0.45	0.18	0.06	0.02	0.005	0	0.003	0	0	0	2.42	
0.19	0.07	0.02	0.005	0	0.002	0	0	6.08	4.54	3.6	2.68	1.73	0.96	0.44	0.18	0.06	0.01	0.005	0	0.002	0	0	0	2.36	
0.19	0.07	0.01	0.004	0	0.002	0	0	6.03	4.45	3.5	2.58	1.67	0.93	0.43	0.18	0.06	0.01	0.004	0	0.002	0	0	0	1.78	
0.18	0.07	0.01	0.004	0	0.002	0	0	5.96	4.34	3.38	2.48	1.6	0.89	0.42	0.18	0.06	0.01	0.004	0	0.002	0	0	0	2.55	
0.18	0.06	0.01	0.004	0.001	0.002	0	0	5.85	4.21	3.25	2.37	1.52	0.85	0.41	0.18	0.06	0.01	0.004	0.001	0.002	0	0	0	2.7	
0.17	0.06	0.01	0.004	0.001	0.002	0.001	0.001	5.72	4.06	3.12	2.26	1.44	0.81	0.39	0.17	0.06	0.01	0.004	0.001	0.002	0.001	0	0	2.55	
0.17	0.06	0.01	0.005	0.003	0.002	0.001	0.001	5.58	3.92	2.98	2.14	1.36	0.76	0.37	0.17	0.06	0.01	0.005	0.003	0.002	0.001	0	0	1.66	
0.16	0.06	0.01	0.006	0.004	0.004	0.001	0.001	5.45	3.79	2.86	2.04	1.29	0.72	0.35	0.16	0.06	0.01	0.006	0.004	0.004	0.001	0	0	2.42	
0.16	0.06	0.02	0.006	0.005	0.005	0.001	0.001	5.35	3.68	2.76	1.96	1.24	0.69	0.34	0.16	0.06	0.01	0.006	0.005	0.005	0.001	0	0	2.58	
0.15	0.06	0.02	0.006	0.004	0.006	0.002	0.002	5.29	3.61	2.7	1.9	1.2	0.67	0.33	0.15	0.06	0.02	0.006	0.004	0.006	0.002	0	0	2.64	
0.15	0.06	0.02	0.004	0.003	0.005	0.002	0.002	5.29	3.59	2.68	1.88	1.18	0.66	0.32	0.15	0.06	0.02	0.004	0.003	0.005	0.002	0	0	2.61	
0.15	0.06	0.02	0.003	0.001	0.003	0.002	0.002	5.33	3.6	2.68	1.88	1.17	0.65	0.32	0.15	0.06	0.02	0.003	0.001	0.003	0.002	0	0	2.22	
0.15	0.06	0.02	0.001	0	0.002	0.001	0.001	5.39	3.64	2.71	1.89	1.18	0.66	0.33	0.15	0.06	0.02	0.001	0	0.002	0.001	0	0	2.47	
0.16	0.06	0.02	0	-0.001	0	0.003	0	5.46	3.68	2.75	1.92	1.2	0.67	0.33	0.15	0.06	0.02	0	-0.001	0	0.003	0	0	2.74	
0.16	0.07	0.02	-0.001	-0.001	-0.002	0.003	0.001	5.51	3.72	2.79	1.94	1.22	0.68	0.34	0.16	0.06	0.01	-0.001	-0.001	-0.002	0.003	0.001	0	2.72	
0.16	0.07	0.02	-0.001	-0.002	-0.004	0.003	0.002	5.54	3.76	2.81	1.97	1.23	0.69	0.34	0.16	0.07	0.02	-0.001	-0.002	-0.004	0.003	0.002	0	2.62	
0.16	0.07	0.02	0	-0.002	-0.005	0.003	0.003	5.54	3.78	2.84	1.99	1.25	0.7	0.35	0.16	0.07	0.02	0	-0.002	-0.005	0.003	0.003	0	0	1.77
0.17	0.07	0.02	0	-0.003	-0.006	0.003	0.004	5.53	3.8	2.86	2.02	1.27	0.72	0.36	0.17	0.07	0.02	0	-0.003	-0.006	0.003	0.004	0	0	2.33
0.18	0.08	0.02	0.001	-0.003	-0.006	0.002	0.005	5.53	3.84	2.91	2.07	1.31	0.75	0.39	0.18	0.07	0.02	0.001	-0.003	-0.006	0.002	0.005	0	0	2.68
0.2	0.08	0.02	0.002	-0.004	-0.005	0.001	0.005	5.56	3.92	2.99	2.15	1.39	0.81	0.42	0.2	0.08	0.02	0.002	-0.004	-0.005	0.001	0.005	0	0	2.66
0.23	0.09	0.03	0.004	-0.004	-0.004	0.001	0.004	5.65	4.05	3.13	2.28	1.5	0.89	0.47	0.23	0.09	0.02	0.004	-0.004	-0.004	0.001	0.004	0	0	2.51
0.27	0.11	0.03	0.008	-0.003	-0.003	0	0.003	5.8	4.23	3.31	2.46	1.65	1.01	0.55	0.27	0.11	0.03	0.008	-0.003	-0.003	0	0.003	0	0	2.06
0.32	0.14	0.04	0.01	-0.001	-0.002	0	0.002	5.98	4.44	3.54	2.68	1.85	1.16	0.64	0.32	0.14	0.04	0.01	-0.001	-0.002	0	0.002	0	0	1.45
0.38	0.17	0.06	0.02	0.002	0	0	0.001	6.18	4.69	3.8	2.93	2.07	1.33	0.76	0.38	0.17	0.06	0.01	0.002	0	0	0.001	0	0	2.16
0.46	0.21	0.08	0.02	0.005	0	0	0	6.36	4.92	4.06	3.19	2.3	1.51	0.88	0.46	0.21	0.08	0.02	0.005	0	0	0	0	0	2.68
0.54	0.25	0.1	0.03	0.008	0	0.001	0	6.49	5.13	4.3	3.44	2.54	1.7	1.01	0.53	0.25	0.1	0.03	0.008	0	0.001	0	0	0	2.73
0.62	0.3	0.12	0.04	0.01	0	0	0.001	6.58	5.3	4.51	3.68	2.77	1.89	1.14	0.61	0.29	0.12	0.04	0.009	0	0	0.001	0	0	2.51
0.7	0.34	0.14	0.05	0.01	0	0	0.001	6.62	5.43	4.69	3.88	2.97	2.07	1.28	0.7	0.33	0.14	0.04	0.01	0	0	0.001	0	0	1.59
0.79	0.39	0.16	0.05	0.01	0.001	0	0.002	6.64	5.54	4.84	4.06	3.17	2.24	1.41	0.78	0.38	0.16	0.05	0.01	0.001	0	0.002	0	0	2.32
0.88	0.44	0.19	0.06	0.01	0.001	-0.001	0.003	6.64	5.63	4.97	4.23	3.35	2.41	1.54	0.87	0.43	0.18	0.06	0.01	0.001	-0.001	0.003	0	0	2.57
0.97	0.49	0.21	0.07	0.01	0.002	-0.001	0.003	6.65	5.7	5.08	4.37	3.51	2.57	1.67	0.96	0.48	0.2	0.06	0.01	0.002	-0.001	0.003	0	0	2.6
1.06	0.54	0.23	0.07	0.01	0.002	-0.002	0.004	6.69	5.78	5.2	4.51	3.67	2.73	1.8	1.04	0.53	0.22	0.07	0.01	0.002	-0.002	0.004	0	0	2.55
1.16	0.6	0.26	0.08	0.01	0.002	-0.002	0.004	6.74	5.86	5.3	4.65	3.82	2.88	1.92	1.13	0.58	0.25	0.07	0.01	0.002	-0.002	0.004	0	0	2.32
1.25	0.66	0.28	0.09	0.01	0.002	-0.001	0.005	6.79	5.94	5.39	4.76	3.94	3.01	2.04	1.22	0.64	0.27	0.08	0.01	0.002	-0.001	0.005	0	0	2.19

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
1.27	0.7	0.34	0.15	0.06	0.01	0.003	0.003	6.28	5.46	4.99	4.47	3.82	3.02	2.12	1.3	0.7	0.33	0.14	0.05	0.01	0.003	0.003	0	2.15
1.25	0.68	0.33	0.14	0.05	0.01	0.003	0.003	6.26	5.45	4.97	4.45	3.79	2.99	2.09	1.28	0.69	0.33	0.14	0.05	0.01	0.003	0.003	0	2.47
1.23	0.67	0.32	0.14	0.05	0.01	0.003	0.003	6.24	5.43	4.95	4.43	3.77	2.96	2.07	1.26	0.68	0.32	0.14	0.05	0.01	0.003	0.003	0	2.49
1.21	0.66	0.32	0.14	0.05	0.01	0.004	0.003	6.22	5.4	4.93	4.41	3.75	2.94	2.04	1.24	0.67	0.32	0.14	0.05	0.01	0.004	0.003	0	2.16
1.19	0.65	0.32	0.14	0.05	0.01	0.005	0.002	6.2	5.38	4.91	4.39	3.72	2.91	2.02	1.23	0.66	0.32	0.14	0.05	0.01	0.005	0.002	0	1.97
1.18	0.65	0.32	0.14	0.05	0.01	0.006	0.002	6.19	5.37	4.89	4.37	3.7	2.89	2	1.22	0.66	0.32	0.14	0.05	0.01	0.006	0.002	93	2.5
1.17	0.64	0.32	0.14	0.05	0.01	0.006	0.001	6.17	5.36	4.89	4.36	3.68	2.87	1.99	1.21	0.66	0.32	0.14	0.05	0.01	0.006	0.001	0	2.47
1.17	0.64	0.32	0.14	0.05	0.01	0.007	0.001	6.17	5.36	4.89	4.35	3.67	2.86	1.98	1.21	0.66	0.32	0.14	0.05	0.01	0.007	0.001	0	1.84
1.17	0.65	0.32	0.14	0.05	0.01	0.007	0.001	6.18	5.37	4.9	4.36	3.67	2.86	1.98	1.21	0.66	0.32	0.14	0.05	0.01	0.007	0.001	0	2.15
1.17	0.65	0.32	0.13	0.05	0.01	0.006	0.001	6.2	5.38	4.91	4.37	3.68	2.86	1.98	1.21	0.66	0.32	0.13	0.05	0.01	0.006	0.001	0	2.13
1.17	0.65	0.32	0.13	0.05	0.01	0.006	0.001	6.21	5.4	4.92	4.38	3.69	2.87	1.99	1.22	0.66	0.32	0.13	0.04	0.01	0.006	0.001	0	1.75
1.17	0.65	0.31	0.12	0.04	0.01	0.005	0.001	6.22	5.42	4.94	4.39	3.7	2.87	1.99	1.22	0.67	0.31	0.12	0.04	0.01	0.005	0.001	0	1.78
1.17	0.65	0.31	0.12	0.04	0.01	0.005	0.001	6.23	5.43	4.95	4.4	3.7	2.88	1.99	1.23	0.67	0.31	0.11	0.04	0.01	0.005	0.001	0	2.24
1.17	0.64	0.3	0.11	0.04	0.01		0	6.24	5.44	4.95	4.4	3.7	2.88	1.99	1.23	0.66	0.31	0.11	0.03	0.01		0	0	2.06
1.16	0.64	0.3	0.11	0.03	0.01		0.001	6.25	5.46	4.97	4.41	3.71	2.87	1.99	1.22	0.66	0.3	0.1	0.03	0.01		0.001	0	1.75
1.15	0.63	0.29	0.1	0.03	0.007		0.001	6.28	5.49	4.98	4.42	3.71	2.87	1.98	1.22	0.65	0.29	0.1	0.03	0.007		0.001	0	2.41
1.14	0.62	0.28	0.09	0.03	0.006		0.001	6.33	5.52	5.01	4.44	3.71	2.87	1.97	1.2	0.64	0.28	0.09	0.02	0.006		0.001	0	2.44
1.13	0.61	0.27	0.09	0.02	0.004	0	0	6.4	5.56	5.04	4.46	3.72	2.86	1.96	1.19	0.63	0.27	0.08	0.02	0.004	0	0	0	2.2
1.11	0.59	0.26	0.08	0.02	0.003	0	0.001	6.48	5.61	5.08	4.48	3.72	2.85	1.94	1.17	0.61	0.26	0.08	0.02	0.003	0	0.001	0	1.4
1.09	0.57	0.25	0.07	0.02	0.002	0	0.002	6.56	5.66	5.12	4.49	3.72	2.83	1.92	1.15	0.59	0.25	0.07	0.01	0.002	0	0.002	0	2.26
1.06	0.55	0.23	0.07	0.01	0.001	0	0.002	6.64	5.7	5.15	4.5	3.71	2.81	1.89	1.12	0.57	0.23	0.07	0.01	0.001	0	0.002	0	2.45
1.03	0.53	0.22	0.06	0.01	0.002	0	0.002	6.69	5.73	5.16	4.5	3.69	2.77	1.85	1.08	0.54	0.22	0.06	0.01	0.002	0	0.002	0	2.36
0.99	0.51	0.21	0.06	0.01	0.003	-0.001	0.001	6.74	5.74	5.17	4.49	3.67	2.74	1.8	1.04	0.52	0.21	0.06	0.01	0.003	-0.001	0.001	0	1.85
0.96	0.48	0.2	0.06	0.01	0.004	-0.001	0.001	6.78	5.76	5.17	4.48	3.64	2.7	1.77	1	0.49	0.2	0.06	0.01	0.004	-0.001	0.001	0	2.18
0.93	0.46	0.19	0.06	0.02	0.007	0	0.002	6.81	5.77	5.17	4.48	3.63	2.67	1.73	0.97	0.47	0.19	0.06	0.01	0.007	0	0.002	0	2.44
0.91	0.45	0.19	0.06	0.02	0.01	0.001	0.003	6.83	5.77	5.17	4.47	3.61	2.65	1.7	0.95	0.45	0.18	0.06	0.02	0.009	0.001	0.003	0	2.33
0.9	0.43	0.18	0.06	0.02	0.01	0.001	0.003	6.84	5.78	5.17	4.47	3.61	2.64	1.69	0.93	0.44	0.18	0.06	0.02	0.01	0.001	0.003	0	1.51
0.89	0.42	0.18	0.06	0.02	0.01	0	0.003	6.85	5.78	5.17	4.47	3.61	2.64	1.68	0.91	0.43	0.17	0.06	0.02	0.01	0	0.003	0	2.25
0.88	0.42	0.17	0.06	0.02	0.01	0	0.004	6.85	5.78	5.17	4.47	3.61	2.64	1.67	0.91	0.42	0.17	0.06	0.02	0.01	0	0.004	0	2.37
0.88	0.41	0.17	0.06	0.02	0.009	-0.001	0.005	6.85	5.77	5.17	4.47	3.61	2.64	1.67	0.9	0.42	0.17	0.06	0.02	0.009	-0.001	0.005	0	2.47
0.88	0.41	0.17	0.06	0.02	0.009	-0.002	0.005	6.84	5.76	5.16	4.46	3.61	2.65	1.68	0.9	0.41	0.16	0.06	0.02	0.009	-0.002	0.005	0	1.89
0.88	0.41	0.17	0.06	0.02	0.008	-0.002	0.005	6.82	5.74	5.14	4.45	3.61	2.65	1.68	0.9	0.41	0.17	0.06	0.02	0.008	-0.002	0.005	0	1.94
0.88	0.41	0.17	0.06	0.02	0.006	-0.002	0.005	6.78	5.71	5.11	4.43	3.59	2.64	1.68	0.91	0.42	0.17	0.06	0.02	0.006	-0.002	0.005	0	2.41
0.88	0.42	0.17	0.06	0.02	0.005	-0.002	0.005	6.74	5.62	5.07	4.4	3.57	2.63	1.68	0.91	0.42	0.17	0.06	0.02	0.005	-0.002	0.005	0	2.07
0.88	0.42	0.18	0.07	0.02	0.004	-0.001	0.004	6.69	5.62	5.02	4.36	3.54	2.61	1.67	0.91	0.43	0.18	0.07	0.02	0.004	-0.001	0.004	0	2.02
0.87	0.43	0.19	0.07	0.02	0.005	0	0.004	6.62	5.56	4.96	4.3	3.49	2.57	1.65	0.91	0.43	0.18	0.07	0.02	0.005	0	0.004	0	2.36
0.86	0.43	0.19	0.08	0.02	0.005	0	0.003	6.56	5.51	4.9	4.25	3.44	2.53	1.62	0.9	0.44	0.19	0.08	0.02	0.005	0	0.003	0	1.8
0.85	0.43	0.2	0.08	0.03	0.006	0.001	0.003	6.5	5.45	4.84	4.19	3.38	2.49	1.59	0.89	0.44	0.2	0.08	0.02	0.006	0.001	0.003	0	1.93
0.84	0.43	0.2	0.09	0.03	0.006	0.001	0.003	6.47	5.42	4.8	4.14	3.33	2.44	1.56	0.87	0.44	0.2	0.08	0.03	0.006	0.001	0.003	0	2.06
1.43	0.79	0.38	0.15	0.04	0.01	0	0.002	6.62	5.7	5.16	4.59	3.88	3.05	2.15	1.34	0.74	0.35	0.14	0.03	0.01	0	0.002	0	1.93
1.43	0.78	0.38	0.15	0.04	0.009	0	0.002	6.67	5.75	5.2	4.63	3.91	3.07	2.16	1.34	0.73	0.35	0.14	0.03	0.009	0	0.002	0	2.17
1.42	0.78	0.37	0.15	0.04	0.008	0	0.002	6.71	5.79	5.24	4.67	3.94	3.08	2.16	1.34	0.73	0.35	0.14	0.03	0.008	0	0.002	0	1.81
1.41	0.77	0.37	0.15	0.04	0.008	0	0.002	6.74	5.83	5.28	4.7	3.96	3.09	2.16	1.33	0.73	0.34	0.13	0.04	0.008	0	0.002	0	1.57
1.4	0.77	0.36	0.15	0.04	0.007	0.001	0.002	6.76	5.85	5.31	4.72	3.98	3.1	2.16	1.33	0.72	0.34	0.13	0.04	0.007	0.001	0.002	0	1.65
1.39	0.76	0.36	0.14	0.04	0.007	0.001	0.002	6.78	5.88	5.33	4.74	3.99	3.1	2.16	1.32	0.72	0.33	0.13	0.04	0.007	0.001	0.002	0	1.36
1.38	0.75	0.35	0.14	0.04	0.007	0	0.002	6.8	5.9	5.35	4.75	4	3.11	2.15	1.32	0.71	0.33	0.13	0.03	0.007	0	0.002	0	1.75
1.38	0.74	0.34	0.14	0.04	0.008	0	0.002	6.82	5.92	5.37	4.77	4.01	3.11	2.15	1.31	0.77	0.32	0.12	0.03	0.008	0	0.002	0	1.47
1.37	0.73	0.33	0.13	0.04	0.008	-0.001	0.002	6.84	5.94	5.39	4.79	4.02	3.12	2.15	1.31	0.69	0.31	0.12	0.03	0.008	-0.001	0.002	0	1.83
1.37	0.73	0.33	0.12	0.03	0.009	-0.002	0.003	6.86	5.97	5.41	4.81	4.04	3.13	2.16	1.3	0.68	0.3	0.11	0.03	0.009	-0.002	0.003	0	1.49
1.37	0.72	0.31	0.12	0.03	0.01	-0.003	0.003	6.88	6	5.43	4.84	4.06	3.15	2.17	1.3	0.68	0.29	0.11	0.03	0.01	-0.003	0.003	0	1.86
1.37	0.71	0.3	0.11	0.03	0.01	-0.003	0.004	6.89	6.01	5.44	4.85	4.07	3.17	2.18	1.3	0.67	0.28	0.1	0.02	0.01	-0.003	0.004	0	1.31
1.36	0.7	0.29	0.1	0.03	0.009	-0.003	0.004	6.88	6.01	5.43	4.86	4.08	3.17	2.18	1.3	0.66	0.27	0.09	0.02	0.009	-0.003	0.004	0	1.89
1.36	0.69	0.28	0.1	0.02	0.008	-0.004	0.003	6.85	6	5.42	4.85	4.08	3.18	2.18	1.3	0.65	0.26	0.09	0.02	0.008	-0.004	0.003	377.8	2.43
1.36	0.68	0.27	0.09	0.02	0.007	-0.004	0.002	6.81	5.96	5.39	4.83	4.06	3.17	2.1										

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.87	0.4	0.16	0.07	0.04	0.02	0.01	0.007	6.53	5.58	5	4.36	3.54	2.58	1.62	0.86	0.39	0.15	0.07	0.03	0.01	0.01	0.007	0	2.26
0.86	0.39	0.16	0.07	0.03	0.02	0.009	0.006	6.54	5.58	5.01	4.36	3.54	2.58	1.61	0.85	0.38	0.15	0.07	0.03	0.01	0.009	0.006	0	2.55
0.85	0.39	0.16	0.07	0.03	0.01	0.008	0.005	6.53	5.57	5	4.35	3.52	2.56	1.59	0.83	0.37	0.15	0.06	0.03	0.01	0.008	0.005	0	2.56
0.84	0.38	0.16	0.07	0.03	0.01	0.008	0.005	6.5	5.56	4.98	4.33	3.5	2.54	1.57	0.82	0.37	0.15	0.07	0.03	0.01	0.008	0.005	0	2.2
0.83	0.38	0.16	0.07	0.03	0.01	0.008	0.004	6.48	5.55	4.96	4.31	3.48	2.52	1.55	0.81	0.37	0.16	0.07	0.03	0.01	0.008	0.004	365.3	1.96
0.82	0.38	0.16	0.07	0.03	0.01	0.007	0.003	6.47	5.53	4.95	4.29	3.46	2.5	1.54	0.8	0.36	0.16	0.07	0.02	0.01	0.007	0.003	0	2.48
0.82	0.38	0.17	0.07	0.02	0.01	0.006	0.003	6.46	5.53	4.93	4.28	3.45	2.48	1.52	0.79	0.36	0.16	0.07	0.02	0.01	0.006	0.003	361.5	2.57
0.81	0.38	0.16	0.07	0.02	0.01	0.005	0.003	6.48	5.53	4.93	4.28	3.44	2.47	1.51	0.78	0.36	0.15	0.06	0.02	0.01	0.005	0.003	0	2.42
0.81	0.38	0.16	0.07	0.02	0.01	0.003	0.003	6.5	5.54	4.94	4.28	3.43	2.46	1.5	0.78	0.36	0.15	0.06	0.02	0.01	0.003	0.003	101.3	1.99
0.81	0.38	0.16	0.06	0.01	0.01	0.002	0.003	6.52	5.55	4.94	4.28	3.42	2.44	1.49	0.77	0.36	0.15	0.06	0.01	0.01	0.002	0.003	0	2.07
0.81	0.38	0.16	0.06	0.01	0.008	0	0.003	6.54	5.56	4.95	4.27	3.4	2.43	1.48	0.77	0.36	0.15	0.05	0.01	0.008	0	0.003	0	2.43
0.82	0.39	0.16	0.06	0.01	0.007	-0.001	0.003	6.55	5.56	4.94	4.26	3.38	2.41	1.46	0.77	0.36	0.15	0.05	0.01	0.007	-0.001	0.003	0	2.51
0.82	0.39	0.16	0.05	0.01	0.006	-0.002	0.004	6.56	5.55	4.93	4.23	3.36	2.38	1.45	0.77	0.36	0.15	0.05	0.01	0.006	-0.002	0.004	0	2.36
0.82	0.39	0.16	0.05	0.01	0.005	-0.003	0.004	6.55	5.53	4.91	4.2	3.32	2.34	1.43	0.76	0.36	0.15	0.05	0.01	0.005	-0.003	0.004	0	1.43
0.82	0.4	0.16	0.05	0.01	0.006	-0.003	0.005	6.54	5.51	4.88	4.16	3.27	2.3	1.41	0.75	0.36	0.15	0.05	0.01	0.006	-0.003	0.005	0	2.35
0.81	0.4	0.17	0.05	0.01	0.006	-0.004	0.005	6.53	5.48	4.84	4.11	3.22	2.26	1.38	0.74	0.36	0.15	0.05	0.01	0.006	-0.004	0.005	0	2.47
0.8	0.39	0.16	0.05	0.01	0.006	-0.003	0.007	6.51	5.45	4.8	4.06	3.16	2.21	1.35	0.73	0.36	0.15	0.05	0.01	0.006	-0.003	0.007	0	2.1
0.79	0.39	0.16	0.05	0.01	0.007	-0.003	0.008	6.49	5.41	4.76	4	3.1	2.16	1.32	0.72	0.35	0.15	0.04	0.01	0.007	-0.003	0.008	251.6	1.52
0.77	0.38	0.16	0.05	0.01	0.007	-0.003	0.01	6.47	5.37	4.71	3.94	3.04	2.1	1.28	0.7	0.34	0.14	0.04	0.01	0.007	-0.003	0.009	0	2.27
0.75	0.37	0.15	0.05	0.01	0.006	-0.003	0.01	6.43	5.32	4.64	3.87	2.97	2.04	1.24	0.67	0.33	0.14	0.04	0.01	0.006	-0.003	0.01	135.4	2.47
0.72	0.35	0.14	0.04	0.01	0.005	-0.003	0.01	6.39	5.26	4.58	3.8	2.89	1.98	1.19	0.64	0.31	0.13	0.04	0.01	0.005	-0.003	0.01	0	2.25
0.69	0.33	0.14	0.04	0.01	0.003	-0.004	0.01	6.35	5.2	4.51	3.72	2.82	1.92	1.15	0.62	0.3	0.12	0.03	0.01	0.003	-0.004	0.009	0	1.75
0.66	0.32	0.13	0.04	0.01	0.002	-0.003	0.01	6.3	5.15	4.44	3.65	2.74	1.85	1.1	0.59	0.28	0.11	0.03	0.01	0.002	-0.003	0.01	0	2.22
0.63	0.3	0.12	0.03	0.01	0.001	-0.003	0.01	6.25	5.09	4.38	3.57	2.66	1.78	1.05	0.56	0.27	0.11	0.03	0.01	0.001	-0.003	0.01	66.4	2.41
0.6	0.28	0.11	0.03	0.01	0.001	-0.002	0.008	6.21	5.04	4.31	3.5	2.59	1.72	1.01	0.53	0.25	0.1	0.03	0.009	0.001	-0.002	0.008	162.1	2.18
0.57	0.27	0.1	0.03	0.01	0	-0.002	0.007	6.16	4.99	4.25	3.44	2.52	1.66	0.96	0.5	0.23	0.09	0.02	0.009	0	-0.002	0.007	0	1.62
0.54	0.25	0.1	0.02	0.01	0	-0.001	0.006	6.12	4.94	4.19	3.37	2.46	1.61	0.92	0.47	0.22	0.08	0.02	0.01	0	-0.001	0.006	0	2.49
0.51	0.24	0.09	0.02	0.009	0	0	0.004	6.09	4.89	4.14	3.31	2.4	1.56	0.89	0.45	0.21	0.08	0.02	0.009	0	0	0.004	0	2.31
0.49	0.22	0.08	0.02	0.008	-0.001	0.001	0.003	6.06	4.85	4.09	3.26	2.35	1.52	0.86	0.43	0.2	0.07	0.02	0.008	-0.001	0.001	0.003	0	2.23
0.48	0.21	0.08	0.02	0.006	-0.001	0.002	0.002	6.05	4.83	4.06	3.23	2.32	1.5	0.84	0.42	0.19	0.07	0.01	0.006	-0.001	0.002	0.002	0	1.95
0.47	0.21	0.07	0.02	0.004	-0.001	0.003	0.002	6.05	4.81	4.05	3.22	2.31	1.49	0.84	0.42	0.18	0.06	0.01	0.004	-0.001	0.003	0.002	0	1.66
0.48	0.21	0.07	0.02	0.002	-0.001	0.004	0.003	6.08	4.83	4.07	3.24	2.34	1.51	0.85	0.42	0.18	0.06	0.01	0.002	-0.001	0.004	0.003	0	2.62
0.5	0.22	0.07	0.02	0	-0.001	0.005	0.003	6.14	4.88	4.12	3.29	2.39	1.56	0.89	0.44	0.19	0.06	0.01	0	-0.001	0.005	0.003	0	2.55
0.54	0.23	0.08	0.02	-0.002	-0.001	0.005	0.003	6.22	4.96	4.2	3.38	2.48	1.64	0.95	0.47	0.2	0.07	0.01	-0.002	-0.001	0.005	0.003	0	2.6
0.59	0.26	0.09	0.02	-0.003	-0.001	0.005	0.004	6.32	5.06	4.32	3.5	2.6	1.75	1.02	0.52	0.22	0.08	0.02	-0.003	-0.001	0.005	0.004	0	2.3
0.66	0.29	0.1	0.02	-0.003	0	0.004	0.004	6.43	5.19	4.46	3.65	2.75	1.88	1.12	0.57	0.25	0.09	0.02	-0.003	0	0.004	0.004	0	1.85
0.73	0.33	0.12	0.03	-0.003	0	0.004	0.003	6.52	5.32	4.6	3.8	2.91	2.02	1.22	0.64	0.28	0.1	0.02	-0.003	0	0.004	0.003	0	2.46
0.82	0.37	0.13	0.03	-0.002	0.001	0.004	0.003	6.61	5.45	4.74	3.96	3.07	2.17	1.34	0.71	0.32	0.12	0.03	-0.002	0.001	0.004	0.003	0	2.59
0.91	0.42	0.16	0.04	0	0.001	0.004	0.003	6.67	5.56	4.87	4.11	3.24	2.32	1.46	0.79	0.37	0.13	0.03	0	0.001	0.004	0.003	0	2.5
1.01	0.48	0.18	0.05	0.002	0.001	0.003	0.004	6.72	5.66	4.99	4.26	3.39	2.47	1.58	0.87	0.41	0.16	0.04	0.002	0.001	0.003	0.004	0	2.03
1.11	0.54	0.21	0.06	0.005	0.001	0.003	0.005	6.75	5.75	5.1	4.39	3.55	2.62	1.71	0.96	0.46	0.18	0.05	0.005	0.001	0.003	0.005	0	2.07
1.22	0.6	0.24	0.06	0.008	0.001	0.003	0.007	6.78	5.82	5.19	4.51	3.68	2.77	1.83	1.05	0.52	0.2	0.05	0.008	0.001	0.003	0.007	0	2.48
1.32	0.66	0.26	0.07	0.01	0.001	0.003	0.008	6.82	5.88	5.27	4.62	3.81	2.9	1.96	1.15	0.57	0.23	0.06	0.008	0.001	0.003	0.008	0	2.51
1.43	0.72	0.29	0.08	0.01	0.002	0.004	0.009	6.86	5.94	5.35	4.72	3.94	3.04	2.08	1.24	0.63	0.25	0.07	0.01	0.002	0.004	0.009	188.3	2.31
1.54	0.79	0.32	0.09	0.01	0.002	0.004	0.01	6.91	6	5.43	4.82	4.05	3.16	2.2	1.33	0.68	0.28	0.08	0.01	0.002	0.004	0.009	0	1.52
1.64	0.86	0.35	0.1	0.01	0.003	0.004	0.01	6.95	6.06	5.5	4.91	4.16	3.28	2.31	1.42	0.74	0.3	0.09	0.01	0.003	0.004	0.01	0	2.18
1.74	0.92	0.39	0.11	0.02	0.004	0.003	0.01	6.99	6.1	5.56	4.98	4.25	3.38	2.41	1.5	0.79	0.33	0.1	0.01	0.004	0.003	0.01	0	2.24
1.82	0.98	0.42	0.12	0.02	0.006	0.003	0.01	7	6.13	5.6	5.03	4.32	3.46	2.5	1.57	0.84	0.36	0.11	0.01	0.006	0.003	0.01	0	2.26
1.9	1.03	0.44	0.14	0.02	0.007	0.002	0.01	7	6.15	5.62	5.07	4.37	3.53	2.56	1.63	0.89	0.38	0.11	0.02	0.007	0.002	0.01	0	2.18
1.96	1.07	0.47	0.15	0.02	0.008	0.002	0.01	6.98	6.14	5.62	5.08	4.4	3.57	2.61	1.68	0.92	0.4	0.12	0.02	0.008	0.002	0.01	0	2.07
2	1.1	0.49	0.15	0.02	0.009	0.001	0.01	6.94	6.12	5.61	5.08	4.41	3.59	2.65	1.72	0.95	0.42	0.13	0.02	0.009	0.001	0.01	0	1.44
2.03	1.13	0.5	0.16	0.03	0.009	0.001	0.01	6.89	6.09	5.58	5.07	4.41	3.61	2.67	1.74	0.97	0.43	0.14	0.02	0.009	0.001	0.01	0	2.06
2.05	1.15	0.51	0.17	0.03	0.009	0.001	0.01	6.84	6.05	5.55	5.04	4.4	3.61	2.68	1.76	0.98	0.44	0.14	0.02	0.009	0			

Emx_raw8	Emx_raw9	Emx_raw10	Emx_raw11	Emx_raw12	Emx_raw13	Emx_raw14	Emx_raw15	Emx_final1	Emx_final2	Emx_final3	Emx_final4	Emx_final5	Emx_final6	Emx_final7	Emx_final8	Emx_final9	Emx_final10	Emx_final11	Emx_final12	Emx_final13	Emx_final14	Emx_final15	X_spherics	X_lowfreq
0.77	0.34	0.11	0.02	0.001	-0.002	-0.002	0.005	6.32	5.31	4.7	4	3.14	2.22	1.35	0.7	0.31	0.1	0.01	0.001	-0.002	-0.002	0.005	0	1.85
0.73	0.32	0.1	0.01	0.001	-0.001	-0.002	0.005	6.3	5.29	4.66	3.95	3.08	2.15	1.3	0.67	0.29	0.09	0.01	0.001	-0.001	-0.002	0.005	0	2.33
0.69	0.3	0.09	0.01	0.001	0	-0.002	0.004	6.28	5.26	4.62	3.89	3.02	2.09	1.25	0.63	0.27	0.08	0.01	0.001	0	-0.002	0.004	0	2.48
0.66	0.28	0.08	0.01	0.001	0.001	-0.002	0.004	6.27	5.24	4.59	3.85	2.97	2.04	1.2	0.6	0.25	0.07	0.01	0.001	0.001	-0.002	0.004	0	2.31
0.64	0.26	0.07	0.009	0.001	0.003	-0.003	0.004	6.27	5.23	4.57	3.82	2.93	2	1.17	0.58	0.23	0.06	0.009	0.001	0.003	-0.003	0.004	0	1.45
0.62	0.24	0.06	0.005	0.001	0.004	-0.003	0.004	6.28	5.23	4.57	3.82	2.92	1.99	1.16	0.57	0.22	0.05	0.005	0.001	0.004	-0.003	0.004	0	1.88
0.61	0.23	0.05	0.003	0.001	0.004	-0.003	0.004	6.31	5.24	4.59	3.83	2.93	1.99	1.16	0.56	0.21	0.04	0.003	0.001	0.004	-0.003	0.004	0	2.2
0.6	0.22	0.04	-0.001	0	0.003	-0.003	0.004	6.33	5.26	4.62	3.86	2.95	2.01	1.16	0.55	0.2	0.03	-0.001	0	0.003	-0.003	0.004	0	2.13
0.59	0.2	0.03	-0.005	-0.002	0.003	-0.002	0.005	6.35	5.28	4.64	3.88	2.98	2.03	1.17	0.54	0.18	0.03	-0.005	-0.002	0.003	-0.002	0.005	0	1.91
0.59	0.19	0.02	-0.008	-0.003	0.003	-0.001	0.007	6.36	5.29	4.67	3.91	3	2.05	1.17	0.54	0.17	0.02	-0.008	-0.003	0.003	-0.001	0.007	0	1.54
0.58	0.18	0.01	-0.009	-0.003	0.004	0	0.008	6.37	5.3	4.69	3.93	3.03	2.06	1.17	0.53	0.16	0.01	-0.009	-0.003	0.004	0	0.008	0	2
0.56	0.17	0.01	-0.009	-0.003	0.005	0.003	0.01	6.36	5.31	4.69	3.94	3.04	2.06	1.17	0.51	0.15	0.01	-0.009	-0.003	0.005	0.003	0.009	0	1.91
0.54	0.15	0.01	-0.008	-0.002	0.006	0.005	0.01	6.33	5.29	4.67	3.93	3.03	2.05	1.15	0.5	0.14	0.009	-0.008	-0.002	0.006	0.005	0.01	0	1.49
0.51	0.14	0.007	-0.008	-0.001	0.008	0.007	0.01	6.28	5.26	4.64	3.9	3	2.02	1.12	0.47	0.13	0.007	-0.008	-0.001	0.008	0.007	0.01	0	1.76
0.48	0.12	0.003	-0.007	0	0.008	0.007	0.01	6.21	5.21	4.57	3.84	2.95	1.98	1.08	0.44	0.11	0.003	-0.007	0	0.008	0.007	0.01	0	1.77
0.44		0.001	-0.007	0.001	0.008	0.005	0.01	6.13	5.14	4.49	3.76	2.87	1.92	1.03	0.41		0.001	-0.007	0.001	0.008	0.005	0.01	0	2.1
0.4		0.003	-0.005	0.003	0.006	0.003	0.009	6.04	5.05	4.4	3.67	2.79	1.85	0.97	0.37		0.003	-0.005	0.003	0.006	0.003	0.009	0	2.52
0.37		0.004	-0.004	0.005	0.006	0	0.006	5.95	4.96	4.31	3.58	2.71	1.78	0.92	0.34		0.004	-0.004	0.005	0.006	0	0.006	0	2.18
0.34		0.004	-0.001	0.008	0.006	-0.001	0.003	5.88	4.88	4.22	3.49	2.63	1.71	0.87	0.31		0.004	-0.001	0.008	0.006	-0.001	0.003	0	2.21
0.31		0.003	0	0.01	0.005	-0.002	0.002	5.83	4.81	4.14	3.41	2.56	1.65	0.83	0.29		0.003	0	0.01	0.005	-0.002	0.002	0	2.75
0.3	0.05	0.001	0.003	0.01	0.004	-0.003	0.001	5.81	4.74	4.07	3.34	2.49	1.6	0.79	0.27	0.05	0.001	0.003	0.01	0.004	-0.003	0.001	0	2.83
0.29	0.06	0.007	0.006	0.01	0.003	-0.003	0.002	5.8	4.68	4.01	3.28	2.43	1.55	0.77	0.27	0.05	0.007	0.006	0.01	0.003	-0.003	0.002	0	2.65
0.29	0.07	0.01	0.009	0.01	0.002	-0.004	0.002	5.79	4.62	3.94	3.2	2.37	1.5	0.75	0.27	0.06	0.01	0.009	0.01	0.002	-0.004	0.002	162.9	1.59
0.29	0.08	0.02	0.01	0.01	0.002	-0.004	0.003	5.76	4.54	3.85	3.11	2.28	1.45	0.73	0.27	0.07	0.02	0.01	0.01	0.002	-0.004	0.003	0	2.62
0.3	0.09	0.03	0.01	0.01	0.002	-0.003	0.004	5.69	4.42	3.73	2.99	2.18	1.38	0.7	0.27	0.08	0.03	0.01	0.01	0.002	-0.003	0.004	0	2.79
0.3	0.11	0.05	0.02	0.01	0.002	-0.003	0.005	5.57	4.27	3.57	2.83	2.06	1.31	0.67	0.28	0.1	0.04	0.02	0.01	0.002	-0.003	0.005	153.8	2.68
0.3	0.13	0.06	0.03	0.01	0.003	-0.002	0.005	5.4	4.06	3.36	2.65	1.91	1.21	0.64	0.28	0.11	0.05	0.03	0.01	0.003	-0.002	0.005	0	2.43
0.31	0.14	0.07	0.04	0.02	0.006	-0.002	0.005	5.18	3.81	3.12	2.44	1.75	1.11	0.6	0.28	0.13	0.06	0.03	0.01	0.006	-0.002	0.005	0	1.68
0.3	0.15	0.08	0.04	0.02	0.007	-0.001	0.004	4.92	3.54	2.87	2.21	1.58	1.01	0.56	0.28	0.14	0.07	0.04	0.02	0.007	-0.001	0.004	0	1.51
0.3	0.17	0.09	0.05	0.02	0.008	0	0.003	4.66	3.27	2.61	1.99	1.41	0.91	0.52	0.28	0.15	0.08	0.04	0.02	0.008	0	0.003	0	2.46
0.3	0.18	0.1	0.05	0.02	0.008	0	0.003	4.4	3.01	2.37	1.8	1.27	0.82	0.49	0.28	0.16	0.09	0.04	0.02	0.008	0	0.003	0	2.68
0.3	0.18	0.11	0.05	0.02	0.008	0	0.002	4.18	2.78	2.17	1.63	1.14	0.75	0.46	0.28	0.17	0.09	0.05	0.02	0.008	0	0.002	0	2.67
0.3	0.19	0.11	0.05	0.02	0.008	-0.001	0.003	3.99	2.58	1.99	1.49	1.05	0.7	0.44	0.27	0.17	0.1	0.05	0.02	0.008	-0.001	0.003	0	2.06
0.29	0.18	0.11	0.05	0.02	0.006	-0.001	0.003	3.82	2.41	1.84	1.37	0.97	0.65	0.42	0.27	0.17	0.09	0.04	0.01	0.006	-0.001	0.003	0	2.34
0.28	0.18	0.1	0.05	0.01	0.004	-0.002	0.003	3.68	2.26	1.71	1.27	0.9	0.61	0.4	0.26	0.16	0.09	0.04	0.01	0.004	-0.002	0.003	0	2.59
0.27	0.17	0.09	0.04	0.01	0.003	-0.002	0.004	3.54	2.13	1.59	1.18	0.83	0.57	0.38	0.24	0.15	0.08	0.03	0.01	0.003	-0.002	0.004	0	2.44
0.25	0.16	0.09	0.04	0.01	0.002	-0.002	0.005	3.4	2	1.48	1.09	0.77	0.53	0.35	0.23	0.14	0.08	0.03	0.01	0.002	-0.002	0.005	0	2.27
0.23	0.14	0.08	0.03	0.01	0.001	-0.003	0.005	3.26	1.88	1.37	1	0.71	0.49	0.32	0.21	0.13	0.07	0.03	0.01	0.001	-0.003	0.005	0	2.13
0.21	0.13	0.07	0.03	0.007	0	-0.003	0.005	3.13	1.75	1.26	0.91	0.64	0.44	0.29	0.19	0.11	0.06	0.02	0.007	0	-0.003	0.005	0	1.81
0.18	0.11	0.06	0.02	0.005	-0.001	-0.002	0.005	3	1.63	1.15	0.82	0.57	0.39	0.26	0.17	0.1	0.05	0.02	0.005	-0.001	-0.002	0.005	0	2.46
0.16	0.1	0.05	0.02	0.003	-0.002	-0.002	0.005	2.89	1.51	1.04	0.74	0.51	0.34	0.23	0.14	0.09	0.04	0.01	0.003	-0.002	-0.002	0.005	0	2.58
0.14	0.08	0.04	0.01	0.001	-0.002	-0.002	0.005	2.78	1.4	0.95	0.66	0.45	0.3	0.2	0.12	0.07	0.04	0.01	0.001	-0.002	-0.002	0.005	0	2.35
0.12	0.07	0.04	0.01	0	-0.003	-0.001	0.004	2.69	1.3	0.86	0.59	0.39	0.26	0.17	0.11	0.06	0.03	0.01	0	-0.003	-0.001	0.004	0	1.58
0.1	0.06	0.03	0.01	-0.001	-0.002	-0.001	0.004	2.6	1.2	0.77	0.52	0.34	0.22	0.14	0.09	0.05	0.02	0.01	-0.001	-0.002	-0.001	0.004	0	2.35
0.08	0.05	0.02	0.009	-0.002	-0.002	0	0.004	2.51	1.11	0.7	0.46	0.29	0.19	0.12	0.07	0.04	0.02	0.009	-0.002	-0.002	0	0.004	0	2.46
0.07	0.04	0.01	0.008	-0.002	-0.001	0	0.003	2.42	1.02	0.62	0.4	0.25	0.15	0.1	0.06	0.03	0.01	0.008	-0.002	-0.001	0	0.003	0	2.22
0.05	0.03	0.01	0.008	-0.001	0	-0.001	0.002	2.34	0.95	0.55	0.34	0.2	0.12	0.07	0.04	0.02	0.01	0.008	-0.001	0	-0.001	0.002	0	2.04
0.04	0.02	0.01	0.009	0.001	0.001	-0.001	0.001	2.27	0.89	0.49	0.29	0.16	0.09	0.05	0.03	0.02	0.008	0.009	0.001	0.001	-0.001	0.001	0	2.01
0.02	0.01	0.008	0.01	0.003	0.004	0	0.001	2.23	0.85	0.45	0.25	0.13	0.07	0.03	0.02	0.01	0.008	0.009	0.003	0.004	0	0.001	0	1.63
0.01	0.01	0.007	0.01	0.006	0.007	0.001	0.002	2.24	0.84	0.43	0.23	0.11	0.05	0.02	0.01	0.01	0.007	0.01	0.006	0.007	0.001	0.002	0	2.46
0.01	0.01	0.007	0.01	0.008	0.009	0.002	0.002	2.3	0.87	0.44	0.23	0.1	0.03	0.01	0.009	0.01	0.007	0.01	0.008	0.009	0.002	0.002	0	2.64
0.004	0.006	0.007	0.01	0.009	0.009	0.002	0.002	2.42	0.95	0.48	0.25	0.1	0.03	0.005	0.004	0.006	0.007	0.01	0.009	0.009	0.002	0.002	0	2.45
0.002	0.003	0.006	0.01	0.008	0.008	0.001	0.002	2.6	1.06	0.56	0.3	0.12			0.002	0.003	0.006	0						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.05	3.71	3.56	3.63	3.93	1.05	6.52	4.92	3.75	2.65	1.61	0.82	0.34	0.12	0.03	0.007	0.002	-0.003	-0.009	0.002	0.007	6.72	5.05	3.84	2.71	1.63	0.83
1.99	3.71	3.55	3.64	3.92	1.06	6.59	5.08	3.94	2.84	1.76	0.92	0.39	0.14	0.04	0.007	0.002	-0.003	-0.009	0.003	0.007	6.83	5.23	4.04	2.91	1.8	0.94
1.69	3.71	3.57	3.63	3.88	1.06	6.64	5.2	4.09	3.01	1.91	1.03	0.44	0.16	0.04	0.008	0.002	-0.002	-0.009	0.002	0.006	6.9	5.38	4.22	3.09	1.96	1.04
1.89	3.71	3.59	3.63	3.92	1.06	6.67	5.29	4.22	3.16	2.05	1.13	0.5	0.18	0.05	0.01	0.003	-0.002	-0.008	0.002	0.004	6.95	5.49	4.37	3.25	2.1	1.15
1.92	3.69	3.55	3.62	3.92	1.06	6.67	5.36	4.33	3.28	2.18	1.23	0.56	0.2	0.06	0.01	0.004	-0.001	-0.008	0.002	0.003	6.97	5.57	4.48	3.39	2.24	1.25
1.87	3.68	3.55	3.62	3.83	1.06	6.66	5.4	4.41	3.39	2.29	1.32	0.62	0.23	0.07	0.02	0.004	0	-0.006	0.002	0.001	6.96	5.62	4.57	3.5	2.36	1.36
1.87	3.7	3.53	3.62	3.9	1.06	6.64	5.42	4.47	3.48	2.4	1.42	0.68	0.26	0.08	0.02	0.004	0	-0.005	0.001	0.001	6.95	5.65	4.65	3.61	2.48	1.46
1.87	3.73	3.58	3.64	3.92	1.05	6.62	5.44	4.52	3.57	2.5	1.52	0.75	0.3	0.1	0.02	0.005	0.001	-0.004	0.001	0	6.94	5.68	4.71	3.7	2.59	1.56
2.37	3.82	3.72	3.76	3.9	1.05	6.6	5.45	4.57	3.64	2.6	1.61	0.82	0.33	0.11	0.03	0.004	0.001	-0.003	0.001	0	6.93	5.7	4.76	3.78	2.69	1.66
2.1	3.72	3.54	3.64	3.9	1.05	6.59	5.46	4.61	3.71	2.69	1.7	0.89	0.37	0.13	0.03	0.004	0.001	-0.002	0.001	0	6.92	5.71	4.81	3.86	2.79	1.76
1.56	3.72	3.54	3.61	3.91	1.05	6.58	5.47	4.65	3.78	2.78	1.8	0.96	0.41	0.14	0.03	0.004	0.002	-0.001	0.001	0.001	6.9	5.72	4.85	3.93	2.88	1.85
1.8	3.69	3.54	3.65	3.94	1.05	6.57	5.48	4.68	3.84	2.87	1.89	1.03	0.46	0.16	0.04	0.004	0.002	-0.001	0.001	0.001	6.9	5.73	4.89	4	2.97	1.95
1.89	3.7	3.57	3.65	3.94	1.05	6.56	5.48	4.7	3.89	2.94	1.97	1.1	0.5	0.18	0.04	0.006	0.002	-0.001	0.001	0.001	6.89	5.74	4.92	4.06	3.06	2.04
1.62	3.71	3.58	3.62	3.89	1.05	6.55	5.49	4.73	3.94	3.02	2.06	1.18	0.54	0.2	0.05	0.008	0.002	-0.001	0.001	0.001	6.89	5.76	4.95	4.12	3.14	2.13
1.86	3.71	3.53	3.6	3.94	1.06	6.55	5.5	4.75	3.99	3.09	2.14	1.25	0.59	0.22	0.06	0.01	0.003	0	0.001	0	6.89	5.77	4.98	4.17	3.22	2.22
1.93	3.7	3.53	3.62	3.9	1.06	6.55	5.51	4.78	4.04	3.16	2.22	1.32	0.64	0.24	0.06	0.01	0.003	0	0.001	0	6.9	5.8	5.02	4.23	3.29	2.31
1.71	3.69	3.52	3.62	3.94	1.06	6.55	5.53	4.8	4.08	3.22	2.29	1.39	0.69	0.27	0.08	0.01	0.004	0	0.001	-0.001	6.92	5.83	5.05	4.28	3.37	2.39
1.93	3.73	3.55	3.64	3.91	1.06	6.55	5.54	4.82	4.12	3.28	2.37	1.46	0.73	0.29	0.09	0.02	0.005	0	0.002	-0.001	6.94	5.86	5.09	4.33	3.44	2.47
1.93	3.7	3.56	3.62	3.87	1.07	6.56	5.56	4.84	4.15	3.33	2.43	1.52	0.78	0.32	0.1	0.02	0.006	0.001	0.002	-0.002	6.96	5.89	5.12	4.38	3.5	2.55
1.78	3.69	3.55	3.61	3.94	1.07	6.55	5.56	4.86	4.17	3.37	2.49	1.58	0.83	0.35	0.11	0.03	0.007	0.001	0.002	-0.003	6.98	5.91	5.15	4.42	3.56	2.62
2.1	3.72	3.55	3.63	3.9	1.07	6.54	5.56	4.86	4.19	3.41	2.54	1.64	0.88	0.38	0.13	0.03	0.01	0.003	0.003	-0.002	6.99	5.94	5.18	4.46	3.61	2.69
2.07	3.73	3.56	3.63	3.92	1.07	6.52	5.56	4.87	4.21	3.44	2.59	1.69	0.93	0.41	0.15	0.04	0.01	0.004	0.004	-0.002	7	5.96	5.21	4.49	3.66	2.75
1.71	3.73	3.56	3.66	3.93	1.07	6.5	5.55	4.87	4.22	3.47	2.63	1.74	0.97	0.44	0.16	0.04	0.01	0.005	0.004	-0.001	7	5.97	5.22	4.52	3.7	2.8
1.79	3.72	3.55	3.63	3.95	1.07	6.48	5.53	4.86	4.22	3.49	2.67	1.79	1.02	0.47	0.18	0.05	0.01	0.005	0.004	-0.001	7	5.97	5.24	4.54	3.74	2.85
2.06	3.73	3.56	3.62	3.89	1.07	6.45	5.51	4.85	4.23	3.51	2.7	1.83	1.06	0.51	0.19	0.05	0.01	0.005	0.004	-0.001	7	5.98	5.25	4.56	3.77	2.89
1.38	3.74	3.6	3.63	3.85	1.07	6.43	5.5	4.85	4.23	3.52	2.73	1.87	1.1	0.54	0.21	0.06	0.01	0.004	0.004	-0.001	7	5.98	5.27	4.58	3.8	2.93
2.15	3.71	3.62	3.65	3.88	1.07	6.41	5.48	4.85	4.23	3.53	2.75	1.91	1.14	0.56	0.22	0.07	0.01	0.004	0.003	-0.002	7.01	5.99	5.28	4.6	3.83	2.97
1.14	3.69	3.55	3.65	3.93	1.07	6.39	5.47	4.84	4.23	3.54	2.78	1.94	1.17	0.59	0.24	0.07	0.02	0.003	0.003	-0.002	7	5.99	5.29	4.62	3.85	3
1.64	3.7	3.55	3.65	3.9	1.06	6.37	5.46	4.84	4.24	3.55	2.8	1.97	1.21	0.62	0.25	0.08	0.02	0.003	0.003	-0.003	7	5.99	5.3	4.63	3.87	3.03
2.06	3.7	3.54	3.63	3.95	1.06	6.36	5.45	4.84	4.24	3.56	2.82	2.01	1.24	0.65	0.27	0.08	0.02	0.003	0.003	-0.003	7	5.99	5.31	4.64	3.89	3.06
1.86	3.73	3.53	3.64	3.92	1.06	6.35	5.45	4.84	4.25	3.58	2.84	2.04	1.28	0.68	0.29	0.09	0.02	0.003	0.003	-0.003	7	5.99	5.31	4.65	3.9	3.09
1.35	3.72	3.51	3.6	3.93	1.06	6.36	5.46	4.85	4.26	3.59	2.87	2.07	1.31	0.71	0.3	0.09	0.02	0.004	0.003	-0.003	7	6.01	5.32	4.67	3.93	3.12
1.65	3.68	3.52	3.61	3.91	1.05	6.37	5.48	4.86	4.28	3.62	2.9	2.11	1.35	0.73	0.32	0.1	0.02	0.004	0.003	-0.003	7.01	6.02	5.34	4.69	3.95	3.15
1.73	3.71	3.52	3.61	3.9	1.05	6.39	5.5	4.89	4.31	3.64	2.93	2.14	1.38	0.76	0.33	0.1	0.02	0.005	0.003	-0.003	7.03	6.04	5.36	4.72	3.98	3.18
2.04	3.69	3.52	3.62	3.9	1.05	6.42	5.53	4.91	4.33	3.67	2.96	2.18	1.42	0.79	0.35	0.11	0.02	0.005	0.003	-0.002	7.05	6.08	5.39	4.75	4.01	3.22
1.58	3.68	3.51	3.59	3.9	1.06	6.44	5.57	4.94	4.36	3.7	2.99	2.22	1.45	0.81	0.36	0.11	0.02	0.006	0.003	-0.002	7.07	6.11	5.42	4.78	4.04	3.26
1.91	3.68	3.52	3.6	3.88	1.06	6.45	5.59	4.97	4.39	3.73	3.03	2.25	1.48	0.83	0.37	0.11	0.02	0.006	0.003	-0.001	7.08	6.13	5.45	4.81	4.07	3.29
0.96	3.71	3.52	3.61	3.92	1.07	6.45	5.61	4.99	4.41	3.75	3.05	2.28	1.51	0.85	0.38	0.11	0.02	0.007	0.003	0	7.08	6.15	5.47	4.83	4.1	3.32
1.66	3.7	3.58	3.61	3.92	1.08	6.44	5.61	5	4.42	3.77	3.07	2.3	1.53	0.87	0.39	0.12	0.02	0.007	0.003	0.002	7.08	6.17	5.49	4.85	4.12	3.35
2.24	3.73	3.6	3.62	3.9	1.09	6.42	5.61	5	4.43	3.78	3.09	2.32	1.55	0.88	0.39	0.12	0.02	0.007	0.004	0.003	7.07	6.18	5.51	4.87	4.14	3.37
2.46	3.75	3.6	3.66	3.93	1.1	6.4	5.6	5	4.43	3.78	3.1	2.33	1.56	0.89	0.4	0.12	0.02	0.007	0.005	0.004	7.06	6.19	5.52	4.88	4.16	3.39
1.97	3.72	3.56	3.63	3.9	1.1	6.38	5.59	5	4.43	3.79	3.1	2.34	1.57	0.9	0.4	0.12	0.02	0.006	0.005	0.005	7.06	6.19	5.53	4.89	4.18	3.41
2.14	3.7	3.56	3.64	3.9	1.11	6.36	5.58	4.99	4.42	3.79	3.11	2.35	1.58	0.9	0.41	0.12	0.02	0.006	0.006	0.005	7.06	6.2	5.54	4.91	4.19	3.42
2.05	3.73	3.6	3.61	3.91	1.11	6.33	5.56	4.98	4.41	3.78	3.1	2.35	1.58	0.9	0.41	0.12	0.02	0.006	0.006	0.005	7.06	6.2	5.55	4.91	4.2	3.43
2.43	3.9	3.89	3.76	3.95	1.11	6.31	5.54	4.96	4.4	3.77	3.1	2.34	1.58	0.9	0.41	0.13	0.02	0.005	0.006	0.005	7.06	6.2	5.54	4.91	4.2	3.44
1.89	3.76	3.64	3.62	3.93	1.11	6.27	5.5	4.92	4.37	3.75	3.08	2.33	1.57	0.9	0.41	0.13	0.02	0.004	0.007	0.005	7.04	6.18	5.53	4.9	4.19	3.43
2.04	3.74	3.58	3.62	3.92	1.11	6.22	5.45	4.88	4.34	3.73	3.06	2.32	1.56	0.9	0.41	0.13	0.03	0.004	0.008	0.005	7.01	6.14	5.49	4.88	4.17	3.42
1.8	3.73	3.6	3.62	3.93	1.11	6.15	5.38	4.82	4.29	3.69	3.04	2.3	1.55	0.89	0.4	0.13	0.03	0.004	0.008	0.003	6.95	6.08	5.44	4.84	4.14	3.4
2.07	3.74	3.61	3.61	3.92	1.1	6.07	5.31	4.76	4.24	3.65	3.01	2.27	1.53	0.88	0.4	0.12	0.03	0.004	0.008	0.002	6.88	6.01	5.38	4.79	4.11	3.37
2.43	3.75	3.62	3																							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.95	3.7	3.51	3.6	3.89	1.01	6.35	5.36	4.6	3.78	2.78	1.77	0.92	0.41	0.17	0.06	0.02	0.01	-0.001	0.005	0	6.59	5.56	4.77	3.9	2.86	1.81
2.05	3.72	3.52	3.56	3.87	1.02	6.31	5.24	4.45	3.6	2.6	1.62	0.83	0.36	0.15	0.06	0.02	0.01	-0.002	0.005	0	6.54	5.43	4.6	3.72	2.68	1.66
1.72	3.71	3.54	3.6	3.82	1.03	6.25	5.09	4.26	3.4	2.41	1.47	0.74	0.32	0.13	0.05	0.02	0.01	-0.001	0.005	-0.001	6.48	5.27	4.4	3.5	2.48	1.51
1.88	3.7	3.52	3.61	3.93	1.04	6.17	4.92	4.05	3.18	2.21	1.32	0.66	0.28	0.12	0.05	0.02	0.01	0	0.005	-0.001	6.39	5.09	4.18	3.27	2.27	1.35
2.17	3.71	3.52	3.59	3.92	1.05	6.07	4.72	3.83	2.94	2	1.18	0.58	0.25	0.11	0.05	0.02	0.01	0	0.005	-0.002	6.29	4.89	3.95	3.03	2.06	1.2
2.13	3.72	3.57	3.58	3.93	1.06	5.95	4.52	3.59	2.71	1.8	1.04	0.5	0.22	0.1	0.05	0.02	0.01	0.001	0.005	-0.002	6.18	4.68	3.71	2.8	1.85	1.06
2.13	3.73	3.55	3.6	3.89	1.07	5.83	4.31	3.36	2.48	1.61	0.91	0.44	0.2	0.09	0.05	0.02	0.01	0.004	0.007	0	6.07	4.48	3.48	2.57	1.66	0.94
2.07	3.76	3.54	3.61	3.89	1.09	5.71	4.11	3.14	2.27	1.45	0.81	0.39	0.18	0.09	0.05	0.03	0.01	0.007	0.008	0.001	5.97	4.28	3.26	2.36	1.5	0.83
0.85	3.74	3.54	3.64	3.91	1.09	5.6	3.92	2.93	2.09	1.3	0.72	0.35	0.17	0.08	0.05	0.03	0.02	0.01	0.01	0.002	5.88	4.11	3.06	2.17	1.35	0.74
2.19	3.95	3.81	3.77	3.94	1.1	5.5	3.75	2.75	1.93	1.18	0.65	0.32	0.16	0.08	0.05	0.03	0.02	0.01	0.01	0.002	5.8	3.94	2.89	2.01	1.23	0.67
2.57	3.81	3.73	3.7	3.96	1.11	5.41	3.59	2.59	1.79	1.08	0.59	0.29	0.15	0.08	0.05	0.03	0.02	0.01	0.01	0.001	5.74	3.8	2.73	1.88	1.13	0.61
2.47	3.74	3.66	3.65	3.91	1.11	5.32	3.45	2.45	1.67	1	0.55	0.28	0.15	0.08	0.05	0.03	0.02	0.01	0.009	0.001	5.69	3.68	2.6	1.76	1.05	0.57
1.71	3.73	3.59	3.62	3.9	1.11	5.24	3.33	2.33	1.58	0.94	0.51	0.26	0.14	0.08	0.05	0.03	0.02	0.01	0.009	0	5.65	3.57	2.49	1.67	0.99	0.54
2.2	3.73	3.61	3.64	3.89	1.11	5.16	3.22	2.23	1.5	0.89	0.49	0.26	0.14	0.08	0.05	0.03	0.02	0.01	0.008	0	5.61	3.48	2.39	1.59	0.94	0.51
2.18	3.73	3.61	3.63	3.91	1.11	5.07	3.12	2.14	1.43	0.85	0.47	0.25	0.14	0.08	0.04	0.02	0.02	0.01	0.006	-0.001	5.56	3.39	2.31	1.53	0.9	0.49
1.94	3.72	3.56	3.63	3.96	1.1	4.98	3.03	2.06	1.37	0.82	0.45	0.24	0.13	0.08	0.04	0.02	0.01	0.009	0.004	-0.003	5.5	3.32	2.24	1.48	0.87	0.48
1.53	3.7	3.56	3.62	3.93	1.1	4.89	2.95	2	1.33	0.79	0.44	0.24	0.13	0.07	0.04	0.02	0.01	0.007	0.002	-0.005	5.45	3.25	2.18	1.43	0.84	0.47
1.6	3.72	3.61	3.64	3.9	1.09	4.8	2.87	1.94	1.28	0.76	0.43	0.23	0.13	0.07	0.04	0.02	0.01		0	-0.008	5.38	3.18	2.12	1.39	0.82	0.45
1.57	3.76	3.63	3.63	3.94	1.07	4.7	2.8	1.88	1.25	0.74	0.42	0.23	0.13	0.07	0.04	0.02	0.01		0.001	-0.009	5.32	3.13	2.08	1.36	0.8	0.44
1.73	3.7	3.55	3.63	3.94	1.06	4.61	2.74	1.84	1.21	0.72	0.41	0.22	0.13	0.07	0.04	0.01	0.01		0.001	-0.009	5.24	3.07	2.04	1.33	0.78	0.43
2.07	3.66	3.5	3.6	3.94	1.05	4.51	2.67	1.79	1.19	0.71	0.4	0.22	0.13	0.07	0.04	0.02	0.01		0	-0.008	5.17	3.01	2	1.3	0.77	0.43
1.8	3.67	3.52	3.62	3.9	1.03	4.42	2.61	1.75	1.16	0.69	0.39	0.22	0.12	0.07	0.04	0.02	0.01	0.004	0.001	-0.007	5.08	2.95	1.96	1.28	0.75	0.42
1.74	3.68	3.52	3.62	3.91	1.02	4.32	2.55	1.71	1.13	0.68	0.39	0.22	0.12	0.07	0.04	0.02	0.01	0.005	0.003	-0.006	5	2.89	1.92	1.25	0.74	0.41
2.13	3.67	3.5	3.59	3.91	1	4.24	2.49	1.67	1.11	0.66	0.38	0.21	0.12	0.07	0.04	0.02	0.01	0.007	0.004	-0.004	4.92	2.84	1.88	1.23	0.73	0.41
2.11	3.65	3.5	3.6	3.9	0.99	4.16	2.44	1.64	1.09	0.65	0.37	0.21	0.12	0.07	0.04	0.02	0.01	0.007	0.005	-0.003	4.85	2.79	1.85	1.21	0.71	0.4
1.84	3.65	3.48	3.58	3.92	0.98	4.1	2.39	1.6	1.07	0.64	0.37	0.21	0.12	0.07	0.04	0.02	0.01	0.007	0.005	-0.002	4.8	2.74	1.81	1.19	0.7	0.4
1.5	3.64	3.51	3.62	3.9	0.96	4.05	2.35	1.57	1.05	0.63	0.36	0.21	0.12	0.07	0.04	0.02	0.01	0.005	0.004	-0.001	4.76	2.7	1.78	1.17	0.69	0.39
1.41	3.67	3.54	3.62	3.88	0.95	4.01	2.3	1.54	1.03	0.62	0.36	0.2	0.12	0.07	0.03	0.02	0.01	0.004	0.003	-0.001	4.72	2.66	1.75	1.15	0.68	0.39
1.91	3.66	3.5	3.58	3.88	0.95	3.98	2.27	1.51	1.01	0.61	0.35	0.2	0.11	0.07	0.03	0.01	0.008	0.002	0.002	-0.001	4.7	2.62	1.72	1.13	0.67	0.38
2.04	3.65	3.49	3.61	3.92	0.94	3.95	2.24	1.49	0.99	0.6	0.35	0.2	0.11	0.06	0.03	0.01	0.008	0.002	0.001	-0.001	4.67	2.59	1.69	1.11	0.66	0.38
1.86	3.64	3.48	3.61	3.9	0.93	3.92	2.21	1.46	0.97	0.59	0.34	0.2	0.11	0.06	0.03	0.01	0.007	0.001	0.001	0	4.65	2.55	1.67	1.09	0.65	0.37
2.05	3.66	3.53	3.61	3.85	0.93	3.9	2.18	1.44	0.95	0.58	0.34	0.2	0.11	0.06	0.03	0.01	0.007	0.001	0.001	0	4.63	2.52	1.64	1.07	0.64	0.37
1.81	3.69	3.6	3.6	3.89	0.93	3.88	2.15	1.42	0.94	0.57	0.34	0.2	0.11	0.06	0.03	0.01	0.007	0.001	0	0	4.61	2.5	1.61	1.05	0.63	0.37
0.91	3.66	3.56	3.61	3.9	0.92	3.87	2.13	1.4	0.92	0.56	0.33	0.2	0.11	0.06	0.03	0.01	0.007	0	0	0.001	4.6	2.47	1.59	1.03	0.62	0.36
2.01	3.66	3.58	3.63	3.85	0.92	3.87	2.12	1.38	0.91	0.56	0.33	0.19	0.11	0.06	0.03	0.01	0.006	0	0	0.001	4.59	2.45	1.57	1.02	0.61	0.36
1.68	3.64	3.49	3.6	3.89	0.92	3.88	2.1	1.36	0.9	0.55	0.33	0.19	0.11	0.06	0.03	0.01	0.006	-0.001	0	0.001	4.59	2.43	1.55	1	0.61	0.36
1.97	3.61	3.46	3.6	3.9	0.92	3.89	2.09	1.35	0.88	0.55	0.33	0.19	0.11	0.06	0.03	0.01	0.006	-0.001	0.001	0.001	4.59	2.41	1.52	0.99	0.6	0.36
1.88	3.67	3.57	3.6	3.92	0.92	3.9	2.08	1.33	0.87	0.54	0.33	0.19	0.11	0.06	0.03	0.01	0.007	-0.002	0.001	0	4.59	2.39	1.51	0.97	0.6	0.36
2.01	3.77	3.73	3.71	3.92	0.92	3.91	2.07	1.32	0.87	0.54	0.33	0.19	0.11	0.06	0.03	0.01	0.007	-0.002	0.001	0	4.59	2.37	1.49	0.96	0.59	0.36
2.04	3.66	3.52	3.64	3.91	0.93	3.92	2.06	1.32	0.86	0.54	0.33	0.2	0.11	0.06	0.03	0.01	0.006	-0.002	0.001	0	4.58	2.36	1.48	0.95	0.59	0.36
1.99	3.66	3.49	3.58	3.88	0.93	3.93	2.07	1.31	0.86	0.54	0.33	0.2	0.12	0.06	0.03	0.01	0.006	-0.003	0.002	0	4.59	2.36	1.47	0.95	0.59	0.36
2.04	3.65	3.51	3.57	3.91	0.94	3.94	2.08	1.32	0.86	0.54	0.34	0.2	0.12	0.07	0.03	0.01	0.005	-0.003	0.002	0	4.6	2.37	1.48	0.95	0.59	0.36
1.89	3.65	3.47	3.58	3.9	0.95	3.98	2.11	1.33	0.86	0.55	0.34	0.21	0.12	0.07	0.03	0.01	0.005	-0.002	0.001	0	4.63	2.4	1.49	0.96	0.59	0.37
1.5	3.66	3.49	3.61	3.91	0.96	4.03	2.16	1.35	0.88	0.55	0.35	0.21	0.13	0.07	0.03	0.01	0.004	-0.002	0.001	0	4.69	2.46	1.52	0.97	0.6	0.38
1.31	3.67	3.49	3.63	3.9	0.97	4.1	2.22	1.39	0.9	0.57	0.36	0.22	0.13	0.07	0.04	0.01	0.004	-0.002	0.001	0	4.77	2.54	1.56	1	0.62	0.39
1.78	3.67	3.52	3.62	3.9	0.98	4.19	2.31	1.45	0.93	0.59	0.37	0.23	0.14	0.08	0.04	0.01	0.003	-0.001	0.001	0	4.88	2.64	1.63	1.03	0.64	0.4
1.81	3.67	3.53	3.62	3.9	0.99	4.3	2.41	1.51	0.97	0.61	0.39	0.24	0.15	0.08	0.04	0.01	0.003	0	0	0	5.01	2.76	1.7	1.08	0.67	0.42
1.95	3.7	3.53	3.63	3.9	0.99	4.42	2.52	1.59	1.02	0.64	0.41	0.26	0.15	0.09	0.04	0.01	0.004	0	0	0	5.15	2.89	1.79	1.13	0.7	0.44
1.98	3.69	3.53	3.61	3.94	0.99	4.54	2.65	1.68	1.08	0.67	0.43	0.27	0.16	0.09	0.04	0.01	0.005	0.001	0	0	5.29	3.03	1.89	1.2	0.74	0.46
2.14	3.68	3.55	3.63	3.91	0.99	4.65	2.77	1.77	1.14	0.71	0.45	0.28	0.17	0.1	0.05	0.										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.13	3.7	3.54	3.64	3.92	1.04	7.07	6.16	5.54	4.99	4.38	3.73	3.01	2.27	1.56	0.95	0.49	0.22	0.08	0.02	0.002	7.01	6.08	5.47	4.93	4.32	3.67
2.18	3.7	3.56	3.63	3.95	1.05	7.12	6.23	5.64	5.12	4.54	3.92	3.22	2.47	1.73	1.07	0.57	0.25	0.09	0.02	0.004	7.05	6.16	5.56	5.06	4.48	3.86
2.03	3.71	3.56	3.64	3.93	1.05	7.14	6.28	5.71	5.23	4.68	4.08	3.4	2.65	1.9	1.2	0.64	0.29	0.1	0.03	0.006	7.08	6.22	5.64	5.16	4.62	4.02
1.98	3.7	3.56	3.62	3.95	1.05	7.14	6.31	5.76	5.3	4.78	4.21	3.55	2.81	2.05	1.32	0.72	0.33	0.12	0.03	0.009	7.09	6.25	5.7	5.24	4.72	4.16
2.23	3.69	3.57	3.61	3.92	1.05	7.13	6.32	5.79	5.35	4.86	4.32	3.68	2.95	2.18	1.44	0.8	0.37	0.13	0.04	0.01	7.09	6.27	5.74	5.3	4.8	4.26
1.69	3.7	3.56	3.63	3.89	1.05	7.1	6.31	5.8	5.39	4.91	4.39	3.78	3.07	2.3	1.54	0.89	0.42	0.16	0.04	0.01	7.08	6.27	5.76	5.34	4.87	4.35
1.53	3.69	3.53	3.61	3.9	1.04	7.06	6.29	5.8	5.4	4.95	4.45	3.86	3.16	2.41	1.64	0.96	0.47	0.18	0.05	0.01	7.06	6.27	5.77	5.36	4.91	4.41
2.28	3.72	3.58	3.61	3.92	1.03	7.03	6.27	5.8	5.41	4.98	4.49	3.92	3.25	2.5	1.73	1.04	0.51	0.2	0.06	0.01	7.05	6.26	5.78	5.39	4.95	4.46
2.32	3.71	3.6	3.65	3.91	1.03	7	6.25	5.79	5.42	4.99	4.52	3.97	3.31	2.58	1.81	1.1	0.56	0.22	0.07	0.02	7.03	6.25	5.79	5.4	4.97	4.5
1.24	3.68	3.53	3.63	3.94	1.02	6.97	6.24	5.79	5.43	5.01	4.55	4.02	3.38	2.66	1.89	1.17	0.6	0.24	0.08	0.02	7.02	6.25	5.8	5.42	5	4.54
2.2	3.69	3.55	3.61	3.91	1.01	6.95	6.22	5.79	5.43	5.02	4.58	4.05	3.43	2.72	1.96	1.24	0.65	0.27	0.09	0.03	7	6.25	5.8	5.43	5.02	4.57
2.28	3.69	3.53	3.64	3.9	1	6.92	6.21	5.78	5.43	5.03	4.6	4.09	3.48	2.79	2.03	1.3	0.69	0.29	0.1	0.03	6.99	6.24	5.8	5.44	5.04	4.59
1.97	3.71	3.55	3.64	3.93	0.98	6.89	6.19	5.77	5.43	5.04	4.61	4.11	3.52	2.84	2.09	1.35	0.73	0.31	0.11	0.04	6.96	6.23	5.8	5.44	5.04	4.61
2.02	3.71	3.56	3.67	3.89	0.97	6.87	6.18	5.76	5.43	5.05	4.63	4.14	3.56	2.89	2.15	1.41	0.77	0.34	0.12	0.04	6.95	6.22	5.79	5.45	5.05	4.63
2.12	3.67	3.53	3.62	3.9	0.96	6.87	6.18	5.77	5.43	5.06	4.65	4.17	3.6	2.95	2.21	1.47	0.82	0.36	0.13	0.04	6.95	6.22	5.8	5.45	5.06	4.65
2.1	3.69	3.5	3.6	3.93	0.95	6.88	6.19	5.78	5.45	5.08	4.67	4.2	3.65	3	2.27	1.52	0.86	0.39	0.14	0.05	6.95	6.23	5.8	5.46	5.08	4.67
1.61	3.68	3.47	3.6	3.92	0.95	6.91	6.22	5.8	5.47	5.1	4.7	4.24	3.69	3.05	2.32	1.57	0.9	0.41	0.15	0.05	6.97	6.25	5.82	5.48	5.09	4.69
2.01	3.68	3.49	3.62	3.91	0.94	6.95	6.25	5.83	5.5	5.13	4.73	4.27	3.73	3.09	2.37	1.62	0.93	0.43	0.16	0.05	6.99	6.26	5.83	5.49	5.1	4.7
1.85	3.66	3.5	3.58	3.93	0.94	6.99	6.29	5.87	5.53	5.15	4.76	4.3	3.76	3.13	2.41	1.66	0.96	0.44	0.17	0.06	7	6.27	5.84	5.5	5.11	4.71
1.54	3.68	3.51	3.61	3.88	0.93	7.03	6.32	5.9	5.56	5.18	4.78	4.33	3.79	3.17	2.45	1.69	0.98	0.45	0.17	0.06	6.99	6.26	5.83	5.49	5.1	4.7
2.15	3.68	3.53	3.6	3.91	0.93	7.06	6.34	5.93	5.59	5.2	4.8	4.34	3.81	3.19	2.47	1.71	1	0.46	0.18	0.06	6.96	6.23	5.81	5.47	5.08	4.69
2.12	3.69	3.51	3.63	3.83	0.93	7.07	6.36	5.94	5.6	5.22	4.81	4.35	3.83	3.2	2.49	1.72	1.01	0.46	0.18	0.06	6.9	6.18	5.77	5.43	5.05	4.66
1.87	3.67	3.51	3.63	3.91	0.94	7.07	6.36	5.96	5.61	5.22	4.82	4.36	3.83	3.21	2.5	1.74	1.01	0.47	0.18	0.06	6.83	6.12	5.73	5.39	5.01	4.62
1.49	3.68	3.53	3.62	3.91	0.95	7.06	6.36	5.96	5.62	5.22	4.82	4.36	3.83	3.21	2.5	1.74	1.01	0.47	0.18	0.06	6.74	6.06	5.68	5.34	4.97	4.58
1.8	3.66	3.51	3.59	3.85	0.96	7.04	6.36	5.97	5.62	5.23	4.82	4.36	3.83	3.22	2.51	1.74	1.02	0.47	0.18	0.06	6.67	6.01	5.64	5.31	4.94	4.55
1.94	3.65	3.49	3.59	3.85	0.98	7.03	6.37	5.98	5.63	5.24	4.82	4.36	3.84	3.22	2.51	1.74	1.01	0.47	0.18	0.06	6.61	5.98	5.61	5.28	4.92	4.52
1.93	3.68	3.49	3.6	3.87	1	7.03	6.38	5.99	5.64	5.25	4.83	4.36	3.83	3.22	2.51	1.73	1	0.46	0.18	0.06	6.57	5.96	5.6	5.26	4.9	4.51
1.71	3.74	3.57	3.64	3.83	1.03	7.03	6.39	6	5.65	5.25	4.83	4.35	3.82	3.2	2.49	1.72	0.99	0.46	0.17	0.05	6.56	5.95	5.59	5.25	4.89	4.5
2.24	3.76	3.61	3.65	3.86	1.06	7.03	6.4	6.01	5.64	5.25	4.82	4.34	3.81	3.18	2.47	1.69	0.97	0.44	0.17	0.05	6.55	5.95	5.59	5.25	4.88	4.48
1.81	3.75	3.61	3.65	3.92	1.09	7.02	6.4	6	5.63	5.23	4.8	4.32	3.78	3.15	2.43	1.66	0.94	0.43	0.16	0.05	6.54	5.96	5.58	5.24	4.87	4.47
2.11	3.82	3.69	3.67	3.96	1.11	6.99	6.38	5.98	5.61	5.2	4.77	4.29	3.74	3.11	2.38	1.61	0.91	0.41	0.16	0.05	6.53	5.95	5.57	5.23	4.85	4.45
2.51	3.76	3.63	3.68	3.94	1.13	6.96	6.36	5.94	5.57	5.17	4.73	4.24	3.69	3.05	2.33	1.56	0.87	0.39	0.15	0.04	6.51	5.94	5.55	5.2	4.83	4.42
2.2	3.76	3.62	3.62	3.94	1.14	6.92	6.32	5.91	5.53	5.13	4.69	4.19	3.64	3	2.27	1.51	0.84	0.38	0.14	0.04	6.49	5.93	5.53	5.19	4.8	4.4
2.2	3.77	3.64	3.66	3.9	1.15	6.87	6.27	5.85	5.48	5.07	4.63	4.13	3.56	2.92	2.19	1.44	0.79	0.35	0.13	0.04	6.46	5.9	5.5	5.15	4.76	4.35
2.4	3.74	3.59	3.68	3.93	1.16	6.81	6.21	5.78	5.41	5	4.55	4.05	3.48	2.83	2.11	1.38	0.75	0.33	0.13	0.03	6.44	5.87	5.46	5.11	4.72	4.3
2.29	3.72	3.59	3.65	3.92	1.16	6.75	6.14	5.71	5.34	4.93	4.47	3.96	3.38	2.73	2.02	1.3	0.71	0.31	0.12	0.03	6.41	5.83	5.41	5.06	4.67	4.24
2.05	3.75	3.64	3.63	3.91	1.16	6.71	6.09	5.65	5.28	4.86	4.4	3.87	3.29	2.63	1.93	1.23	0.66	0.29	0.11	0.02	6.41	5.8	5.38	5.02	4.62	4.18
1.82	3.74	3.58	3.65	3.89	1.15	6.67	6.02	5.58	5.2	4.77	4.3	3.77	3.17	2.52	1.82	1.15	0.62	0.27	0.1	0.02	6.4	5.77	5.34	4.98	4.56	4.11
2.23	3.73	3.55	3.62	3.91	1.14	6.64	5.97	5.51	5.13	4.69	4.2	3.65	3.04	2.39	1.71	1.07	0.57	0.25	0.1	0.02	6.4	5.74	5.3	4.93	4.5	4.03
2.57	3.95	3.81	3.66	3.91	1.13	6.62	5.92	5.45	5.05	4.6	4.09	3.53	2.91	2.26	1.6	1	0.53	0.24	0.09	0.01	6.42	5.72	5.27	4.89	4.44	3.95
2.56	3.86	3.69	3.61	3.92	1.12	6.6	5.86	5.39	4.97	4.49	3.97	3.39	2.77	2.12	1.49	0.92	0.49	0.22	0.09	0.01	6.44	5.7	5.23	4.83	4.36	3.85
2.45	3.74	3.56	3.6	3.89	1.11	6.59	5.81	5.32	4.88	4.38	3.83	3.24	2.61	1.98	1.37	0.84	0.45	0.2	0.08	0.01	6.46	5.68	5.19	4.77	4.27	3.74
2.3	3.76	3.58	3.58	3.93	1.1	6.57	5.76	5.25	4.79	4.26	3.69	3.08	2.45	1.84	1.26	0.77	0.41	0.19	0.08	0.01	6.47	5.66	5.15	4.69	4.17	3.61
2.11	3.73	3.58	3.59	3.91	1.09	6.55	5.7	5.17	4.68	4.12	3.53	2.91	2.29	1.7	1.15	0.71	0.38	0.18	0.08	0.01	6.49	5.63	5.1	4.61	4.06	3.47
2.08	3.71	3.55	3.58	3.93	1.07	6.54	5.64	5.09	4.57	3.98	3.37	2.74	2.13	1.56	1.06	0.65	0.36	0.18	0.07	0.01	6.5	5.59	5.03	4.52	3.93	3.32
2.04	3.71	3.54	3.58	3.91	1.06	6.51	5.57	4.98	4.44	3.82	3.19	2.56	1.97	1.44	0.97	0.61	0.34	0.17	0.07	0.02	6.49	5.54	4.95	4.4	3.78	3.16
2.22	3.71	3.52	3.6	3.88	1.04	6.48	5.49	4.87	4.3	3.66	3.01	2.39	1.82	1.32	0.9	0.57	0.33	0.17	0.08	0.02	6.47	5.47	4.85	4.27	3.62	2.99
1.79	3.72	3.52	3.58	3.91	1.02	6.41	5.38	4.73	4.13	3.47	2.82	2.21	1.67	1.21	0.83	0.53	0.32	0.17	0.08	0.02	6.42	5.37	4.71	4.1	3.44	2.8
2.11	3.72	3.52	3.56	3.92	1.01	6.34	5.27	4.59	3.96	3.28	2.63	2.04	1.53	1.11	0.77	0.5	0.31	0.17	0.08	0.02	6.35	5.25	4.57	3.94	3.26	2.61
2.29	3.72	3.51	3.55	3.87	0.99	6.25	5.14	4.43	3.78	3.09	2.44	1.87	1.4	1.02	0.71	0.47	0.29									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.02	3.69	3.52	3.6	3.91	0.97	5.93	4.53	3.6	2.78	1.99	1.36	0.89	0.58	0.39	0.27	0.18	0.11	0.06	0.04	0.01	6.72	5.1	4.03	3.08	2.19	1.48
2	3.68	3.52	3.59	3.91	0.97	5.96	4.62	3.72	2.9	2.11	1.45	0.94	0.6	0.4	0.27	0.18	0.11	0.06	0.04	0.01	6.74	5.19	4.16	3.22	2.32	1.58
1.9	3.67	3.52	3.6	3.93	0.97	5.99	4.73	3.87	3.06	2.26	1.57	1.02	0.64	0.41	0.27	0.18	0.11	0.06	0.04	0.01	6.76	5.31	4.32	3.4	2.49	1.71
1.87	3.67	3.54	3.63	3.89	0.97	6.04	4.87	4.04	3.26	2.45	1.72	1.12	0.69	0.43	0.28	0.18	0.11	0.06	0.04	0.01	6.81	5.46	4.51	3.61	2.7	1.88
1.36	3.68	3.52	3.6	3.87	0.97	6.12	5.03	4.25	3.48	2.67	1.9	1.24	0.76	0.46	0.29	0.18	0.11	0.06	0.04	0.01	6.88	5.64	4.74	3.87	2.94	2.08
1.33	3.73	3.64	3.66	3.91	0.98	6.22	5.21	4.47	3.73	2.91	2.11	1.39	0.84	0.49	0.29	0.18	0.11	0.06	0.04	0.01	6.97	5.82	4.97	4.13	3.2	2.3
1.81	3.69	3.53	3.59	3.85	0.98	6.32	5.39	4.69	3.97	3.16	2.32	1.54	0.93	0.53	0.31	0.18	0.1	0.06	0.04	0.01	7.07	6.02	5.21	4.4	3.47	2.54
1.91	3.69	3.51	3.59	3.88	0.98	6.43	5.56	4.9	4.21	3.4	2.54	1.71	1.04	0.58	0.32	0.18	0.1	0.05	0.03	0.01	7.17	6.19	5.44	4.66	3.74	2.78
1.66	3.7	3.55	3.6	3.92	0.98	6.52	5.71	5.09	4.43	3.63	2.76	1.88	1.15	0.64	0.34	0.18	0.1	0.05	0.03	0.01	7.25	6.34	5.63	4.89	3.99	3.01
2.51	3.79	3.68	3.69	3.9	0.99	6.59	5.83	5.24	4.62	3.84	2.96	2.05	1.26	0.69	0.36	0.18	0.1	0.05	0.03	0.01	7.3	6.45	5.79	5.09	4.21	3.23
2.26	3.77	3.6	3.67	3.92	0.99	6.64	5.93	5.37	4.78	4.02	3.15	2.21	1.37	0.75	0.38	0.18	0.1	0.05	0.03	0.01	7.33	6.54	5.91	5.25	4.4	3.43
2.2	3.73	3.58	3.64	3.89	1	6.69	6	5.47	4.91	4.18	3.32	2.36	1.48	0.82	0.4	0.19	0.1	0.05	0.03	0.01	7.36	6.6	6.01	5.39	4.57	3.61
1.61	3.71	3.57	3.6	3.92	1.01	6.72	6.06	5.56	5.03	4.32	3.47	2.51	1.6	0.88	0.43	0.19	0.09	0.04	0.02	0.01	7.37	6.65	6.09	5.5	4.71	3.77
2.17	3.74	3.67	3.66	3.91	1.01	6.75	6.12	5.64	5.13	4.45	3.61	2.64	1.7	0.94	0.45	0.19	0.09	0.04	0.02	0.01	7.38	6.69	6.16	5.59	4.84	3.92
2.12	3.67	3.58	3.61	3.9	1.02	6.78	6.17	5.71	5.22	4.56	3.74	2.77	1.8	1	0.47	0.19	0.08	0.03	0.01	0.009	7.4	6.73	6.22	5.68	4.95	4.05
2	3.68	3.53	3.61	3.93	1.03	6.82	6.23	5.78	5.31	4.67	3.86	2.88	1.89	1.06	0.49	0.19	0.07	0.03	0.01	0.005	7.42	6.78	6.28	5.76	5.06	4.17
1.75	3.7	3.6	3.64	3.89	1.03	6.85	6.29	5.85	5.39	4.76	3.96	2.98	1.97	1.11	0.51	0.19	0.06	0.02	0.007	-0.001	7.44	6.82	6.34	5.83	5.15	4.27
2.02	3.69	3.57	3.63	3.91	1.04	6.89	6.34	5.91	5.46	4.84	4.05	3.07	2.05	1.16	0.53	0.19	0.06	0.01	0.002	-0.004	7.45	6.86	6.39	5.9	5.22	4.35
2.08	3.7	3.53	3.64	3.91	1.04	6.92	6.39	5.97	5.52	4.91	4.13	3.14	2.11	1.2	0.55	0.2	0.05	0.01	0.003	-0.002	7.47	6.89	6.43	5.95	5.28	4.42
1.49	3.69	3.55	3.63	3.88	1.04	6.95	6.42	6.01	5.57	4.96	4.18	3.2	2.16	1.24	0.57	0.21	0.05	0.01	0.003	-0.001	7.47	6.9	6.46	5.98	5.32	4.47
1.9	3.7	3.55	3.58	3.92	1.05	6.95	6.43	6.02	5.59	4.99	4.22	3.24	2.2	1.27	0.59	0.21	0.05	0.01	0.003	0	7.45	6.89	6.45	5.98	5.34	4.5
1.95	3.71	3.54	3.59	3.91	1.05	6.94	6.42	6.02	5.59	5.01	4.24	3.27	2.23	1.29	0.6	0.22	0.06	0.01	0.003	0	7.42	6.87	6.43	5.97	5.34	4.51
1.93	3.7	3.53	3.61	3.9	1.04	6.92	6.4	6.01	5.59	5.01	4.25	3.28	2.24	1.31	0.62	0.22	0.06	0.01	0.003	0	7.38	6.82	6.4	5.94	5.32	4.5
2.09	3.67	3.53	3.6	3.87	1.04	6.9	6.37	5.98	5.57	4.99	4.24	3.29	2.25	1.32	0.63	0.23	0.06	0.01	0.003	0	7.33	6.77	6.35	5.9	5.29	4.48
1.88	3.72	3.56	3.61	3.93	1.04	6.88	6.34	5.96	5.54	4.98	4.24	3.29	2.26	1.33	0.64	0.23	0.06	0.01	0.004	0	7.28	6.72	6.3	5.86	5.25	4.46
2.18	3.73	3.68	3.66	3.92	1.04	6.86	6.31	5.93	5.52	4.96	4.23	3.28	2.26	1.34	0.65	0.24	0.07	0.01	0.004	0	7.24	6.66	6.25	5.81	5.22	4.43
1.37	3.68	3.58	3.62	3.91	1.03	6.84	6.29	5.9	5.5	4.94	4.21	3.28	2.26	1.34	0.66	0.25	0.07	0.01	0.004	-0.001	7.2	6.61	6.2	5.77	5.18	4.41
1.77	3.7	3.54	3.6	3.92	1.03	6.83	6.26	5.88	5.47	4.93	4.2	3.27	2.26	1.35	0.67	0.26	0.07	0.01	0.004	-0.001	7.16	6.57	6.15	5.73	5.14	4.38
1.97	3.69	3.53	3.61	3.9	1.03	6.82	6.25	5.86	5.46	4.91	4.19	3.26	2.25	1.35	0.67	0.26	0.08	0.01	0.004	-0.001	7.13	6.53	6.12	5.69	5.11	4.35
1.77	3.68	3.53	3.6	3.9	1.02	6.81	6.24	5.84	5.44	4.89	4.17	3.25	2.25	1.35	0.68	0.27	0.08	0.01	0.004	-0.001	7.11	6.5	6.08	5.66	5.08	4.32
1.99	3.69	3.55	3.64	3.91	1.02	6.81	6.23	5.83	5.42	4.87	4.15	3.23	2.24	1.35	0.68	0.28	0.08	0.01	0.004	-0.002	7.09	6.47	6.05	5.62	5.04	4.28
1.37	3.71	3.54	3.64	3.9	1.02	6.81	6.22	5.81	5.4	4.85	4.13	3.21	2.22	1.34	0.69	0.28	0.09	0.01	0.004	-0.002	7.07	6.45	6.02	5.59	5.01	4.25
2.01	3.7	3.55	3.64	3.92	1.01	6.8	6.2	5.79	5.38	4.82	4.1	3.19	2.21	1.34	0.69	0.29	0.09	0.02	0.005	-0.002	7.05	6.42	5.98	5.55	4.96	4.21
2.54	3.74	3.71	3.73	3.91	1.01	6.79	6.19	5.77	5.35	4.79	4.07	3.16	2.2	1.34	0.7	0.3	0.1	0.02	0.009	0.001	7.02	6.39	5.95	5.51	4.92	4.16
2	3.75	3.62	3.62	3.89	1	6.77	6.17	5.75	5.32	4.76	4.03	3.14	2.18	1.34	0.71	0.31	0.11	0.03	0.01	0.002	6.98	6.35	5.9	5.46	4.87	4.12
1.97	3.72	3.58	3.67	3.9	1	6.74	6.14	5.72	5.29	4.72	4	3.1	2.16	1.34	0.72	0.32	0.11	0.03	0.01	0.002	6.93	6.3	5.85	5.41	4.82	4.06
1.97	3.71	3.53	3.61	3.89	0.99	6.71	6.12	5.69	5.25	4.68	3.96	3.07	2.14	1.34	0.72	0.33	0.12	0.03	0.01	0.003	6.88	6.25	5.8	5.35	4.76	4.01
1.83	3.7	3.57	3.61	3.89	0.98	6.69	6.09	5.66	5.22	4.64	3.92	3.04	2.13	1.33	0.73	0.34	0.13	0.04	0.01	0.003	6.83	6.21	5.75	5.29	4.7	3.96
2.12	3.74	3.62	3.66	3.89	0.98	6.67	6.07	5.63	5.19	4.61	3.88	3.01	2.11	1.33	0.74	0.35	0.13	0.04	0.01	0.002	6.79	6.16	5.7	5.25	4.65	3.91
2.06	3.69	3.55	3.61	3.88	0.98	6.67	6.06	5.61	5.16	4.58	3.85	2.98	2.09	1.33	0.75	0.35	0.13	0.04	0.01	0.001	6.76	6.13	5.66	5.2	4.6	3.86
1.7	3.66	3.49	3.59	3.9	0.97	6.67	6.05	5.6	5.15	4.55	3.82	2.96	2.08	1.33	0.75	0.36	0.13	0.03	0.01	-0.001	6.74	6.09	5.62	5.16	4.56	3.81
1.78	3.66	3.51	3.56	3.89	0.97	6.69	6.05	5.59	5.14	4.53	3.8	2.94	2.07	1.33	0.76	0.36	0.13	0.03	0.01	-0.003	6.73	6.07	5.59	5.13	4.52	3.78
2.26	3.69	3.52	3.62	3.9	0.97	6.73	6.06	5.6	5.14	4.53	3.79	2.93	2.07	1.33	0.76	0.36	0.13	0.03	0.01	-0.003	6.73	6.05	5.57	5.1	4.49	3.75
2	3.7	3.53	3.63	3.91	0.97	6.77	6.08	5.61	5.14	4.53	3.78	2.92	2.07	1.34	0.77	0.37	0.13	0.03	0.01	-0.002	6.74	6.04	5.56	5.08	4.47	3.73
1.77	3.71	3.53	3.63	3.88	0.97	6.82	6.11	5.64	5.16	4.54	3.79	2.93	2.07	1.34	0.77	0.37	0.13	0.03	0.01	-0.002	6.75	6.03	5.55	5.08	4.46	3.71
2	3.7	3.52	3.61	3.89	0.97	6.87	6.16	5.68	5.19	4.57	3.81	2.94	2.08	1.35	0.78	0.37	0.13	0.03	0.01	-0.002	6.77	6.04	5.56	5.08	4.46	3.71
2.02	3.67	3.52	3.61	3.86	0.98	6.94	6.22	5.73	5.24	4.6	3.84	2.96	2.1	1.36	0.78	0.37	0.13	0.03	0.01	-0.002	6.79	6.07	5.58	5.09	4.47	3.72
1.95	3.69	3.5	3.58	3.88	0.98	7.02	6.29	5.8	5.3	4.65	3.88	2.99	2.12	1.37	0.78	0.37	0.13	0.03	0.01	-0.001	6.83	6.11	5.62	5.12	4.5	3.74
1.84	3.7	3.49	3.6	3.93	0.99	7.1	6.38	5.88	5.36	4.71	3.92	3.02	2.14	1.38	0.78	0.36	0.13	0.03	0.01	-0.001	6.89	6.17	5.67	5.17	4.54	3.78
1.96	3.7	3.5	3.62	3.89	1	7.2	6.47	5.96	5.44	4.77	3.98	3.07	2.16													

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.01	3.65	3.49	3.59	3.88	0.9	5.05	3.35	2.53	1.94	1.41	0.99	0.64	0.38	0.21	0.11	0.06	0.03	0.01	0.008	0.001	5.22	3.43	2.58	1.97	1.43	1
2.11	3.65	3.5	3.58	3.84	0.9	4.99	3.26	2.44	1.86	1.36	0.95	0.61	0.37	0.2	0.1	0.06	0.03	0.01	0.008	0.001	5.15	3.33	2.48	1.89	1.37	0.96
2.06	3.65	3.5	3.59	3.88	0.9	4.95	3.19	2.38	1.82	1.32	0.93	0.6	0.36	0.2	0.1	0.06	0.03	0.01	0.009	0.001	5.09	3.25	2.41	1.84	1.33	0.93
2.09	3.69	3.51	3.62	3.92	0.9	4.92	3.14	2.34	1.78	1.3	0.91	0.59	0.35	0.2	0.1	0.06	0.03	0.01	0.009	0.001	5.03	3.18	2.36	1.8	1.31	0.91
2.02	3.67	3.5	3.6	3.93	0.91	4.87	3.09	2.3	1.76	1.28	0.9	0.58	0.34	0.19	0.1	0.05	0.02	0.01	0.008	0.001	4.96	3.12	2.31	1.77	1.29	0.9
2.09	3.66	3.5	3.59	3.92	0.91	4.82	3.04	2.26	1.73	1.27	0.88	0.57	0.33	0.18	0.09	0.05	0.02	0.01	0.007	0.001	4.88	3.06	2.27	1.74	1.27	0.88
2.34	3.68	3.51	3.62	3.88	0.92	4.76	2.99	2.23	1.71	1.25	0.87	0.56	0.33	0.18	0.09	0.04	0.02	0.01	0.006	0.001	4.8	3	2.23	1.71	1.25	0.87
2.39	3.68	3.53	3.6	3.85	0.93	4.71	2.94	2.19	1.68	1.23	0.86	0.55	0.32	0.17	0.08	0.04	0.02	0.01	0.006	0.001	4.71	2.93	2.18	1.67	1.22	0.85
2.18	3.71	3.58	3.62	3.89	0.94	4.65	2.88	2.15	1.65	1.21	0.84	0.53	0.31	0.16	0.08	0.04	0.02	0.01	0.006	0.001	4.63	2.86	2.13	1.64	1.2	0.83
2.02	3.73	3.62	3.63	3.84	0.95	4.6	2.82	2.11	1.62	1.18	0.82	0.52	0.3	0.16	0.07	0.03	0.02	0.01	0.006	0.001	4.56	2.79	2.08	1.6	1.17	0.81
1.81	3.68	3.57	3.63	3.88	0.96	4.57	2.76	2.06	1.58	1.15	0.8	0.51	0.29	0.15	0.07	0.03	0.01	0.01	0.007	0.001	4.5	2.72	2.02	1.56	1.14	0.79
2.24	3.68	3.51	3.62	3.9	0.98	4.54	2.71	2.01	1.54	1.13	0.78	0.49	0.28	0.15	0.07	0.03	0.01	0.01	0.007	0.002	4.46	2.65	1.97	1.51	1.11	0.77
2.16	3.71	3.57	3.6	3.92	0.99	4.53	2.65	1.96	1.5	1.1	0.76	0.48	0.27	0.14	0.06	0.03	0.01	0.01	0.007	0.002	4.43	2.59	1.92	1.47	1.07	0.75
2.04	3.69	3.54	3.61	3.93	1.01	4.52	2.6	1.9	1.46	1.06	0.74	0.47	0.27	0.14	0.06	0.03	0.01	0.01	0.007	0.001	4.4	2.53	1.86	1.43	1.04	0.73
2.23	3.7	3.55	3.62	3.88	1.03	4.5	2.54	1.85	1.41	1.03	0.72	0.45	0.26	0.13	0.06	0.02	0.01	0.01	0.007	0	4.38	2.47	1.8	1.38	1.01	0.7
2.16	3.7	3.53	3.65	3.89	1.05	4.47	2.47	1.78	1.36	1	0.69	0.44	0.25	0.13	0.05	0.02	0.01	0.009	0.006	-0.001	4.34	2.41	1.74	1.33	0.98	0.68
2.11	3.7	3.56	3.67	3.89	1.06	4.43	2.4	1.72	1.31	0.96	0.67	0.42	0.24	0.12	0.05	0.02	0.01	0.008	0.006	-0.002	4.29	2.34	1.68	1.28	0.94	0.65
2.11	3.71	3.58	3.67	3.89	1.08	4.36	2.33	1.65	1.26	0.92	0.64	0.4	0.23	0.12	0.05	0.02	0.01	0.008	0.006	-0.003	4.22	2.26	1.61	1.23	0.9	0.63
2.07	3.71	3.58	3.66	3.92	1.09	4.27	2.24	1.58	1.21	0.88	0.61	0.39	0.22	0.11	0.05	0.02	0.01	0.008	0.007	-0.003	4.14	2.18	1.54	1.18	0.86	0.6
1.72	3.73	3.6	3.66	3.94	1.11	4.16	2.16	1.51	1.15	0.84	0.59	0.38	0.22	0.11	0.05	0.03	0.01	0.009	0.008	-0.003	4.04	2.1	1.48	1.12	0.83	0.58
1.78	3.72	3.54	3.64	3.93	1.12	4.04	2.07	1.45	1.1	0.8	0.56	0.36	0.21	0.11	0.05	0.03	0.01	0.01	0.009	-0.002	3.93	2.02	1.41	1.07	0.79	0.55
1.73	3.73	3.57	3.65	3.91	1.12	3.92	1.99	1.38	1.04	0.77	0.54	0.35	0.21	0.11	0.06	0.03	0.01	0.01	0.01	-0.002	3.81	1.94	1.35	1.02	0.75	0.53
1.87	3.75	3.63	3.68	3.89	1.13	3.8	1.91	1.33	1	0.73	0.52	0.34	0.2	0.11	0.06	0.03	0.02	0.01	0.01	-0.002	3.7	1.87	1.31	0.98	0.72	0.51
2.16	3.73	3.63	3.63	3.88	1.13	3.7	1.86	1.3	0.97	0.71	0.5	0.33	0.2	0.11	0.06	0.03	0.02	0.01	0.01	-0.002	3.62	1.82	1.28	0.96	0.7	0.49
2.04	3.72	3.57	3.62	3.9	1.14	3.63	1.84	1.3	0.96	0.7	0.49	0.32	0.2	0.11	0.06	0.03	0.02	0.01	0.01	-0.002	3.56	1.81	1.28	0.95	0.69	0.49
2.23	3.78	3.65	3.62	3.89	1.14	3.61	1.87	1.33	0.99	0.71	0.49	0.32	0.2	0.11	0.05	0.03	0.02	0.01	0.01	-0.002	3.55	1.84	1.31	0.97	0.7	0.49
2.1	3.77	3.67	3.62	3.88	1.14	3.65	1.96	1.42	1.05	0.76	0.52	0.34	0.2	0.11	0.05	0.03	0.01	0.01	0.008	-0.003	3.61	1.94	1.41	1.04	0.75	0.52
1.63	3.67	3.55	3.62	3.89	1.13	3.78	2.13	1.58	1.18	0.84	0.58	0.37	0.21	0.11	0.05	0.02	0.01	0.01	0.005	-0.005	3.76	2.12	1.57	1.17	0.84	0.57
1.81	3.69	3.56	3.65	3.89	1.13	3.98	2.38	1.8	1.36	0.98	0.67	0.42	0.24	0.12	0.05	0.02	0.01	0.008	0.002	-0.006	3.99	2.38	1.8	1.36	0.98	0.67
2.24	3.72	3.57	3.66	3.9	1.12	4.26	2.7	2.09	1.61	1.17	0.8	0.5	0.27	0.13	0.05	0.02	0.01		0	-0.008	4.29	2.71	2.1	1.62	1.17	0.8
2.22	3.74	3.58	3.66	3.9	1.11	4.59	3.09	2.45	1.92	1.41	0.97	0.6	0.33	0.15	0.06	0.02	0.01	0.007	0	-0.008	4.66	3.12	2.47	1.93	1.42	0.97
1.9	3.7	3.57	3.63	3.9	1.1	4.96	3.52	2.84	2.27	1.69	1.17	0.72	0.39	0.17	0.06	0.02	0.01	0.006	0.001	-0.007	5.06	3.57	2.89	2.3	1.71	1.18
1.89	3.7	3.55	3.6	3.88	1.09	5.32	3.95	3.25	2.63	1.99	1.39	0.86	0.45	0.19	0.07	0.02	0.01	0.004	0.001	-0.006	5.46	4.04	3.32	2.68	2.02	1.4
2.12	3.71	3.54	3.61	3.9	1.07	5.66	4.37	3.65	3	2.29	1.61	1	0.52	0.21	0.07	0.02	0.007	0.001	0	-0.006	5.84	4.48	3.74	3.06	2.34	1.64
2	3.71	3.57	3.64	3.91	1.05	5.97	4.76	4.04	3.36	2.6	1.84	1.15	0.59	0.24	0.07	0.01	0.006		0	-0.005	6.18	4.9	4.15	3.44	2.66	1.88
2.16	3.72	3.57	3.64	3.89	1.03	6.24	5.1	4.38	3.69	2.89	2.07	1.29	0.67	0.26	0.07	0.01	0.006		0	-0.004	6.47	5.27	4.52	3.79	2.96	2.11
2.14	3.71	3.52	3.61	3.92	1.02	6.46	5.39	4.69	3.98	3.15	2.27	1.43	0.73	0.29	0.08	0.01	0.004		0.001	-0.003	6.71	5.58	4.84	4.1	3.23	2.32
1.97	3.72	3.53	3.6	3.94	1	6.64	5.63	4.94	4.23	3.37	2.45	1.54	0.79	0.31	0.08	0.01	0.005		0.001	-0.003	6.9	5.83	5.1	4.35	3.46	2.51
2.18	3.86	3.7	3.68	3.92	0.99	6.78	5.82	5.13	4.42	3.54	2.59	1.63	0.83	0.32	0.08	0.01	0.005		0.001	-0.002	7.04	6.02	5.3	4.55	3.63	2.65
2.3	3.9	3.73	3.73	3.91	0.98	6.89	5.95	5.28	4.56	3.67	2.69	1.69	0.86	0.33	0.08	0.01	0.005		0.001	-0.002	7.14	6.15	5.44	4.68	3.75	2.74
2.08	3.69	3.51	3.6	3.9	0.97	6.98	6.04	5.36	4.64	3.73	2.74	1.72	0.87	0.33	0.08	0.01	0.006		0.001	-0.001	7.2	6.22	5.51	4.75	3.81	2.78
2.06	3.71	3.51	3.61	3.9	0.97	7.04	6.08	5.4	4.66	3.75	2.74	1.71	0.86	0.32	0.08	0.01	0.007		0	-0.001	7.23	6.24	5.53	4.76	3.81	2.78
1.92	3.69	3.51	3.59	3.91	0.97	7.06	6.08	5.38	4.62	3.7	2.69	1.67	0.83	0.31	0.07	0.01	0.007		0	-0.001	7.23	6.21	5.48	4.7	3.75	2.72
2.03	3.69	3.52	3.57	3.91	0.97	7.06	6.03	5.31	4.53	3.6	2.59	1.59	0.79	0.29	0.06	0.009	0.007	-0.01	0	0	7.19	6.13	5.38	4.59	3.63	2.61
1.83	3.71	3.52	3.56	3.91	0.97	7.03	5.94	5.18	4.38	3.44	2.45	1.49	0.72	0.26	0.06	0.006	0.005	-0.01	0	0	7.11	6	5.23	4.42	3.46	2.46
1.79	3.7	3.55	3.56	3.92	0.98	6.97	5.81	5.01	4.19	3.24	2.27	1.36	0.65	0.23	0.05	0.004	0.004	-0.01	0.001	0	7.02	5.84	5.03	4.2	3.25	2.27
1.44	3.69	3.54	3.59	3.91	0.99	6.88	5.64	4.79	3.95	3.01	2.07	1.21	0.57	0.2	0.04	0.001	0.002	-0.01	0.001	0	6.9	5.64	4.8	3.95	3	2.06
1.93	3.73	3.56	3.62	3.91	1	6.77	5.43	4.54	3.68	2.74	1.85	1.06	0.49	0.16		0.001	0.001	-0.01	0.001	0	6.76	5.42	4.53	3.67	2.73	1.84
2.08	3.68	3.53	3.6	3.93	1.02	6.64	5.2	4.27	3.39	2.47	1.62	0.91	0.41	0.14		0.001	0	-0.009	0.002	0	6.6	5.17	4.24	3.37	2.46	1.61
1.84	3.7	3.53	3.61	3.9	1.03	6.48	4.94	3.97	3.09	2.19	1.4	0.77	0.34	0.11	0.02	0	0	-								

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.71	3.59	3.45	3.57	3.86	0.88	1.84	0.9	0.62	0.45	0.3	0.18	0.1	0.06	0.03	0.02	0.01	0.009	-0.001	0.003	0	1.81	0.89	0.62	0.45	0.29	0.18
1.91	3.58	3.44	3.57	3.84	0.88	1.83	0.9	0.62	0.45	0.3	0.18	0.1	0.06	0.03	0.02	0.01	0.009	-0.001	0.003	0	1.8	0.88	0.61	0.44	0.29	0.18
2.19	3.61	3.48	3.56	3.79	0.88	1.83	0.9	0.62	0.45	0.3	0.18	0.1	0.06	0.03	0.02	0.01	0.008	-0.001	0.002	0	1.79	0.88	0.61	0.44	0.29	0.18
2.01	3.6	3.44	3.52	3.84	0.88	1.84	0.89	0.62	0.44	0.29	0.18	0.1	0.06	0.03	0.02	0.01	0.007	-0.002	0.002	0	1.79	0.88	0.61	0.44	0.29	0.18
1.99	3.63	3.47	3.59	3.83	0.88	1.85	0.89	0.61	0.44	0.29	0.18	0.1	0.06	0.03	0.02	0.01	0.006	-0.002	0.002	0	1.8	0.87	0.6	0.43	0.29	0.18
2.2	3.6	3.45	3.55	3.84	0.89	1.88	0.88	0.61	0.43	0.29	0.18	0.1	0.06	0.03	0.02	0.01	0.005	-0.003	0.002	0	1.82	0.86	0.59	0.42	0.28	0.17
1.79	3.62	3.46	3.56	3.84	0.9	1.93	0.88	0.6	0.42	0.28	0.17	0.1	0.06	0.03	0.02	0.009	0.004	-0.003	0.002	0	1.86	0.85	0.58	0.41	0.28	0.17
1.68	3.63	3.47	3.59	3.79	0.91	2	0.87	0.59	0.41	0.27	0.17	0.1	0.06	0.03	0.02	0.009	0.003	-0.003	0.002	0	1.92	0.85	0.57	0.4	0.27	0.17
2.02	3.62	3.46	3.54	3.8	0.92	2.08	0.87	0.57	0.4	0.26	0.16	0.1	0.05	0.03	0.02	0.009	0.003	-0.004	0.002	0	2	0.84	0.55	0.39	0.26	0.16
1.88	3.64	3.48	3.58	3.82	0.94	2.19	0.87	0.55	0.38	0.25	0.16	0.09	0.05	0.03	0.02	0.01	0.003	-0.004	0.003	0	2.1	0.84	0.54	0.37	0.25	0.15
1.81	3.64	3.48	3.58	3.83	0.95	2.31	0.88	0.54	0.36	0.24	0.15	0.09	0.05	0.03	0.02	0.01	0.002	-0.004	0.003	0.001	2.21	0.84	0.52	0.35	0.23	0.15
1.89	3.65	3.51	3.59	3.85	0.97	2.45	0.9	0.53	0.35	0.23	0.14	0.09	0.05	0.03	0.02	0.01	0.002	-0.004	0.003	0.001	2.34	0.87	0.52	0.34	0.22	0.14
1.95	3.66	3.5	3.57	3.84	0.98	2.62	0.94	0.55	0.35	0.22	0.14	0.08	0.05	0.03	0.02	0.01	0.003	-0.004	0.003	0	2.5	0.91	0.53	0.34	0.22	0.13
1.82	3.68	3.51	3.57	3.9	1	2.82	1.03	0.58	0.36	0.22	0.13	0.08	0.05	0.03	0.02	0.01	0.003	-0.003	0.004	0	2.69	0.99	0.57	0.35	0.22	0.13
1.87	3.68	3.52	3.59	3.87	1.01	3.06	1.16	0.66	0.4	0.23	0.13	0.08	0.05	0.03	0.02	0.01	0.004	-0.003	0.004	-0.001	2.92	1.12	0.64	0.39	0.23	0.13
1.69	3.69	3.5	3.58	3.92	1.03	3.34	1.35	0.78	0.47	0.26	0.14	0.08	0.05	0.03	0.02	0.01	0.005	-0.001	0.004	-0.001	3.19	1.3	0.76	0.45	0.26	0.14
1.67	3.69	3.55	3.59	3.93	1.04	3.67	1.61	0.96	0.58	0.31	0.16	0.08	0.05	0.03	0.02	0.01	0.006	-0.001	0.004	-0.002	3.51	1.55	0.93	0.56	0.3	0.16
2.05	3.72	3.56	3.61	3.91	1.05	4.04	1.93	1.19	0.72	0.39	0.19	0.09	0.05	0.03	0.02	0.01	0.007	0	0.004	-0.003	3.88	1.86	1.16	0.71	0.38	0.18
1.93	3.71	3.55	3.62	3.89	1.06	4.43	2.3	1.48	0.91	0.49	0.23	0.1	0.05	0.03	0.02	0.01	0.007	0	0.004	-0.003	4.26	2.22	1.43	0.89	0.48	0.23
1.4	3.72	3.56	3.61	3.89	1.06	4.82	2.7	1.8	1.14	0.61	0.28	0.12	0.06	0.03	0.02	0.01	0.007	0	0.003	-0.004	4.66	2.62	1.75	1.11	0.6	0.28
2.16	3.71	3.56	3.62	3.9	1.07	5.19	3.12	2.15	1.39	0.75	0.34	0.14	0.06	0.03	0.02	0.01	0.006	-0.001	0.002	-0.005	5.05	3.04	2.1	1.35	0.74	0.34
2.37	3.74	3.57	3.65	3.95	1.07	5.53	3.54	2.51	1.65	0.91	0.42	0.17	0.07	0.03	0.02	0.01	0.006	0	0.001	-0.005	5.42	3.46	2.45	1.62	0.89	0.41
2.19	3.74	3.59	3.62	3.93	1.07	5.83	3.93	2.86	1.92	1.08	0.5	0.2	0.07	0.03	0.02	0.01	0.006	0	0	-0.005	5.75	3.86	2.81	1.89	1.06	0.5
2.12	3.74	3.56	3.61	3.92	1.07	6.09	4.29	3.19	2.19	1.25	0.59	0.23	0.08	0.03	0.01	0.01	0.006	0	0	-0.005	6.04	4.24	3.15	2.16	1.24	0.58
1.96	3.75	3.59	3.64	3.92	1.07	6.3	4.6	3.49	2.44	1.42	0.68	0.27	0.1	0.03	0.02	0.01	0.005	0.001	-0.005	6.29	4.58	3.47	2.42	1.41	0.68	
1.88	3.74	3.57	3.64	3.92	1.07	6.47	4.87	3.76	2.67	1.59	0.77	0.31	0.11	0.04	0.02	0.01	0.006	0.001	-0.005	6.5	4.88	3.76	2.67	1.58	0.77	
1.73	3.74	3.55	3.6	3.92	1.06	6.61	5.09	3.99	2.88	1.74	0.86	0.35	0.12	0.04	0.02	0.01	0.006	0.001	-0.004	6.69	5.13	4.01	2.89	1.74	0.87	
1.73	3.72	3.54	3.62	3.95	1.06	6.71	5.26	4.17	3.05	1.88	0.95	0.39	0.14	0.05	0.02	0.01	0.006	0.001	-0.003	6.84	5.34	4.22	3.08	1.89	0.96	
1.85	3.73	3.56	3.65	3.92	1.05	6.78	5.38	4.31	3.2	2	1.03	0.43	0.15	0.05	0.02	0.01	0.005	0	-0.001	6.95	5.49	4.38	3.24	2.02	1.04	
1.88	3.71	3.57	3.62	3.91	1.05	6.8	5.45	4.4	3.3	2.1	1.11	0.47	0.16	0.05	0.01	0.01	0.005	0.001	0	7.01	5.6	4.5	3.37	2.13	1.12	
1.79	3.76	3.58	3.62	3.89	1.04	6.79	5.48	4.46	3.38	2.18	1.17	0.5	0.18	0.05	0.01	0.01	0.004	0	0.001	7.03	5.65	4.58	3.46	2.22	1.19	
1.63	3.74	3.57	3.62	3.92	1.03	6.74	5.47	4.48	3.42	2.24	1.22	0.53	0.19	0.06	0.01	0.01	0.004	0	0.001	7.01	5.67	4.62	3.52	2.29	1.25	
2.02	3.74	3.56	3.62	3.9	1.02	6.67	5.44	4.48	3.45	2.29	1.27	0.56	0.2	0.06	0.01	0.008	0.003	0	0.001	6.97	5.66	4.64	3.56	2.35	1.3	
1.83	3.71	3.55	3.61	3.92	1.01	6.61	5.41	4.47	3.47	2.33	1.31	0.59	0.22	0.06	0.01	0.006	0.002	0	0.001	6.92	5.64	4.65	3.59	2.4	1.34	
2.2	3.69	3.56	3.61	3.92	1.01	6.56	5.38	4.47	3.49	2.37	1.35	0.62	0.23	0.07	0.01	0.004	0.001	0.001	0.001	6.88	5.62	4.65	3.62	2.44	1.39	
2.08	3.68	3.56	3.61	3.87	1	6.53	5.37	4.48	3.51	2.4	1.39	0.65	0.24	0.08	0.01	0.003	0.001	0	0.001	6.87	5.62	4.67	3.65	2.49	1.43	
1.4	3.66	3.52	3.6	3.88	1	6.52	5.37	4.49	3.54	2.44	1.43	0.67	0.26	0.08	0.01	0.001	0	-0.002	0	0.002	6.88	5.64	4.7	3.68	2.53	1.47
1.82	3.66	3.54	3.62	3.9	0.99	6.54	5.39	4.52	3.57	2.48	1.47	0.7	0.27	0.09	0	0	-0.002	0.001	0.002	6.9	5.67	4.74	3.72	2.57	1.51	
1.86	3.67	3.53	3.64	3.89	0.99	6.56	5.42	4.55	3.6	2.52	1.5	0.72	0.29	0.09	0.001	-0.001	-0.002	0.001	0.002	6.94	5.71	4.78	3.77	2.62	1.55	
1.95	3.71	3.55	3.61	3.91	0.99	6.59	5.45	4.58	3.64	2.55	1.53	0.75	0.3	0.1	0	-0.001	-0.002	0.001	0.002	6.99	5.75	4.82	3.81	2.65	1.58	
1.5	3.7	3.55	3.62	3.9	0.99	6.61	5.47	4.6	3.66	2.58	1.55	0.77	0.31	0.1	0.02	0	-0.001	-0.002	0.002	0.002	7.02	5.78	4.85	3.84	2.69	1.61
1.67	3.69	3.51	3.6	3.93	0.99	6.62	5.47	4.61	3.68	2.6	1.57	0.78	0.32	0.11	0.02	0.001	-0.001	-0.002	0.002	0.002	7.03	5.79	4.87	3.86	2.71	1.63
2.26	3.71	3.68	3.62	3.92	0.99	6.6	5.47	4.62	3.69	2.61	1.59	0.8	0.32	0.11	0.02	0.002	-0.001	-0.002	0.002	0.002	7.02	5.79	4.87	3.88	2.73	1.65
2.65	3.73	3.75	3.68	3.94	0.99	6.57	5.46	4.61	3.7	2.62	1.61	0.81	0.33	0.11	0.02	0.003	0	-0.002	0.001	0.002	7	5.79	4.87	3.89	2.75	1.67
2.18	3.69	3.53	3.62	3.91	0.99	6.55	5.45	4.61	3.7	2.63	1.62	0.82	0.34	0.11	0.02	0.004	0	-0.002	0.001	0.002	6.98	5.78	4.87	3.9	2.76	1.69
1.94	3.67	3.5	3.63	3.87	0.99	6.53	5.43	4.6	3.7	2.64	1.63	0.83	0.35	0.11	0.02	0.004	0	-0.002	0.001	0.002	6.96	5.77	4.87	3.9	2.77	1.7
2.25	3.65	3.57	3.64	3.92	0.99	6.51	5.42	4.59	3.69	2.64	1.64	0.84	0.35	0.12	0.02	0.005	0.001	-0.002	0.001	0.002	6.95	5.76	4.86	3.9	2.78	1.71
1.96	3.69	3.56	3.61	3.91	0.99	6.5	5.41	4.57	3.68	2.64	1.65	0.85	0.36	0.12	0.02	0.005	0.001	-0.002	0.001	0.002	6.94	5.75	4.85	3.89	2.78	1.72
1.8	3.69	3.52	3.58	3.92	1	6.48	5.38	4.55	3.67	2.64	1.65	0.86	0.36	0.12	0.02	0.005	0.002	-0.002	0.001	0.002	6.93	5.74	4.83	3.88	2.78	1.73
1.69	3.71	3.54	3.61	3.92	1	6.46	5.36	4.53	3.65	2.63	1.66	0.86	0.37	0.12	0.02	0.006	0.002	-0.003	0.001	0.002	6.91					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.96	3.66	3.5	3.59	3.92	0.89	5.94	5.03	4.37	3.64	2.76	1.85	1.03	0.46	0.15	0.04	0.01	0.007	-0.003	0.004	-0.006	6.66	5.62	4.86	4.03	3.03	2.01
2.01	3.77	3.63	3.63	3.9	0.89	5.99	5.08	4.42	3.69	2.8	1.87	1.04	0.46	0.15	0.04	0.01	0.006	-0.003	0.004	-0.005	6.67	5.63	4.88	4.05	3.05	2.02
1.66	3.69	3.54	3.61	3.9	0.9	6.07	5.15	4.49	3.74	2.84	1.9	1.06	0.46	0.15	0.04	0.01	0.005	-0.002	0.004	-0.004	6.68	5.65	4.91	4.08	3.08	2.04
1.82	3.63	3.47	3.58	3.87	0.91	6.15	5.23	4.56	3.81	2.9	1.94	1.07	0.47	0.15	0.04	0.01	0.004	-0.002	0.005	-0.003	6.71	5.69	4.95	4.11	3.11	2.06
1.94	3.66	3.61	3.6	3.84	0.92	6.24	5.32	4.64	3.88	2.95	1.97	1.09	0.47	0.15	0.03	0.009	0.003	-0.001	0.005	-0.002	6.75	5.73	4.99	4.16	3.15	2.09
2.12	3.68	3.54	3.6	3.84	0.94	6.34	5.41	4.73	3.96	3.01	2.01	1.1	0.47	0.15	0.03	0.006	0.002	-0.001	0.005	-0.001	6.79	5.79	5.04	4.21	3.19	2.12
2.27	3.69	3.5	3.58	3.89	0.96	6.43	5.5	4.81	4.03	3.07	2.05	1.12	0.48	0.15	0.03	0.003	0.001	-0.001	0.006	0	6.84	5.85	5.1	4.27	3.24	2.15
2.27	3.69	3.52	3.59	3.93	0.98	6.51	5.59	4.88	4.1	3.12	2.08	1.14	0.48	0.14	0.02	0	0	0	0.006	0.001	6.89	5.91	5.16	4.32	3.28	2.18
2.13	3.68	3.53	3.61	3.89	1.01	6.58	5.66	4.95	4.16	3.17	2.11	1.15	0.48	0.14		0.001	0	0	0.006	0.002	6.94	5.96	5.21	4.37	3.32	2.2
2.17	3.69	3.53	3.61	3.93	1.03	6.64	5.72	5.01	4.21	3.21	2.14	1.16	0.48	0.14		0.002	0	0	0.006	0.003	6.98	6.01	5.25	4.41	3.35	2.22
1.93	3.71	3.54	3.6	3.85	1.06	6.68	5.77	5.05	4.25	3.24	2.15	1.16	0.48	0.13		0.002	0.001	0	0.006	0.004	7.01	6.05	5.29	4.44	3.37	2.24
1.94	3.74	3.6	3.63	3.92	1.08	6.72	5.8	5.07	4.26	3.25	2.16	1.16	0.47	0.13		0.001	0.002	0	0.006	0.005	7.03	6.07	5.3	4.45	3.38	2.24
1.41	3.75	3.61	3.66	3.88	1.09	6.73	5.82	5.08	4.26	3.24	2.15	1.15	0.47	0.13		0	0.003	0	0.006	0.005	7.04	6.08	5.3	4.44	3.37	2.23
1.96	3.76	3.65	3.66	3.93	1.1	6.73	5.81	5.06	4.24	3.22	2.13	1.13	0.46	0.13	0.02	0.001	0.003	0	0.006	0.006	7.03	6.06	5.27	4.41	3.34	2.2
2.28	3.78	3.61	3.68	3.95	1.11	6.71	5.77	5.01	4.19	3.17	2.09	1.11	0.44	0.12	0.02	0.001	0.002	0	0.006	0.006	7.01	6.02	5.22	4.36	3.29	2.16
2.11	3.75	3.58	3.66	3.9	1.12	6.67	5.7	4.93	4.11	3.1	2.04	1.07	0.43	0.12	0.02	0.002	0.002	0	0.005	0.007	6.96	5.94	5.14	4.27	3.21	2.11
1.94	3.75	3.58	3.63	3.93	1.12	6.6	5.6	4.83	4.01	3.01	1.97	1.03	0.41	0.11	0.02	0.002	0.001	0	0.005	0.007	6.89	5.83	5.02	4.16	3.11	2.03
1.89	3.73	3.54	3.63	3.93	1.12	6.52	5.48	4.7	3.88	2.9	1.88	0.98	0.38	0.1	0.02	0.002	0	-0.001	0.005	0.007	6.8	5.7	4.89	4.03	3	1.94
1.84	3.72	3.56	3.63	3.93	1.11	6.42	5.34	4.56	3.75	2.77	1.79	0.92	0.35	0.09	0.02	0.002	0	-0.001	0.004	0.007	6.7	5.56	4.74	3.88	2.87	1.84
1.82	3.71	3.55	3.62	3.89	1.11	6.31	5.2	4.41	3.6	2.64	1.68	0.86	0.33	0.08	0.01	0.002	0	-0.001	0.004	0.006	6.59	5.41	4.58	3.73	2.73	1.73
0.78	3.68	3.55	3.62	3.92	1.11	6.21	5.07	4.27	3.45	2.51	1.58	0.79	0.3	0.08	0.01	0.002	-0.001	-0.001	0.003	0.006	6.49	5.28	4.43	3.58	2.59	1.62
1.41	3.68	3.54	3.59	3.92	1.1	6.12	4.95	4.13	3.31	2.37	1.47	0.72	0.27	0.07	0.01	0.003	0	-0.002	0.002	0.005	6.4	5.16	4.3	3.43	2.45	1.51
2.02	3.78	3.68	3.63	3.89	1.1	6.05	4.85	4	3.17	2.24	1.36	0.66	0.24	0.06	0.01	0.004	0	-0.002	0.002	0.004	6.35	5.07	4.18	3.29	2.32	1.41
2.13	3.86	3.79	3.68	3.92	1.09	5.99	4.76	3.89	3.04	2.11	1.26	0.6	0.22	0.05	0.01	0.005	0	-0.002	0.001	0.002	6.31	4.99	4.07	3.17	2.19	1.3
2.24	3.77	3.63	3.6	3.94	1.08	5.95	4.68	3.78	2.92	1.99	1.17	0.54	0.19	0.05	0.01	0.006	0.001	-0.002	0	0.001	6.29	4.93	3.97	3.05	2.07	1.2
2.22	3.75	3.58	3.62	3.95	1.08	5.91	4.61	3.68	2.8	1.88	1.08	0.49	0.17	0.04	0.01	0.007	0.002	-0.003	0	0	6.28	4.87	3.87	2.93	1.95	1.11
2.02	3.69	3.53	3.62	3.92	1.07	5.88	4.53	3.58	2.69	1.77	1	0.45	0.16	0.04	0.01	0.008	0.003	-0.003	0.001	0	6.27	4.8	3.78	2.82	1.84	1.03
1.98	3.71	3.58	3.62	3.94	1.06	5.83	4.45	3.48	2.58	1.67	0.92	0.41	0.14	0.04	0.01	0.01	0.005	-0.003	0.002	-0.001	6.23	4.73	3.68	2.71	1.74	0.95
1.67	3.73	3.64	3.61	3.92	1.05	5.77	4.36	3.37	2.47	1.57	0.85	0.37	0.13	0.04	0.01	0.01	0.005	-0.003	0.003	-0.001	6.18	4.64	3.57	2.61	1.64	0.88
1.54	3.73	3.6	3.61	3.92	1.03	5.69	4.26	3.27	2.37	1.48	0.79	0.34	0.12	0.04	0.01	0.01	0.006	-0.002	0.004	-0.001	6.11	4.54	3.46	2.5	1.55	0.82
2.15	3.71	3.53	3.61	3.93	1.02	5.6	4.16	3.16	2.27	1.4	0.74	0.32	0.11	0.04	0.01	0.01	0.006	-0.002	0.004	-0.001	6.02	4.44	3.36	2.4	1.47	0.77
2.3	3.73	3.56	3.6	3.92	1	5.5	4.06	3.06	2.18	1.33	0.69	0.29	0.1	0.03	0.01	0.01	0.005	-0.002	0.005	-0.001	5.92	4.34	3.25	2.3	1.39	0.72
1.93	3.66	3.5	3.56	3.89	0.99	5.4	3.96	2.97	2.09	1.27	0.65	0.27	0.1	0.03	0.01	0.008	0.004	-0.002	0.005	-0.001	5.82	4.23	3.16	2.21	1.32	0.67
2.12	3.69	3.48	3.56	3.91	0.98	5.3	3.86	2.88	2.01	1.21	0.61	0.26	0.09	0.03	0.01	0.007	0.003	-0.002	0.004	-0.002	5.73	4.13	3.06	2.13	1.26	0.63
2.15	3.67	3.48	3.57	3.89	0.97	5.22	3.77	2.8	1.94	1.15	0.58	0.24	0.09	0.03	0.01	0.006	0.002	-0.001	0.004	-0.002	5.64	4.04	2.98	2.05	1.21	0.6
1.93	3.65	3.46	3.59	3.83	0.97	5.14	3.68	2.72	1.87	1.1	0.55	0.22	0.08	0.03	0.01	0.005	0.002	-0.001	0.003	-0.002	5.56	3.95	2.9	1.98	1.15	0.57
1.98	3.68	3.5	3.61	3.88	0.97	5.06	3.59	2.64	1.81	1.06	0.52	0.21	0.08	0.02	0.009	0.004	0.001	-0.001	0.003	-0.002	5.49	3.86	2.82	1.91	1.11	0.54
1.95	3.67	3.52	3.6	3.89	0.96	4.99	3.51	2.57	1.74	1.01	0.5	0.2	0.07	0.02	0.008	0.003	0.001	-0.001	0.003	-0.001	5.42	3.78	2.74	1.85	1.06	0.52
2.01	3.7	3.5	3.6	3.88	0.96	4.92	3.43	2.49	1.69	0.97	0.48	0.19	0.07	0.02	0.008	0.004	0	-0.001	0.003	-0.001	5.36	3.69	2.67	1.79	1.02	0.49
1.83	3.7	3.51	3.57	3.9	0.96	4.86	3.35	2.42	1.63	0.94	0.46	0.18	0.07	0.02	0.009	0.004	0	-0.001	0.003	0	5.3	3.62	2.59	1.73	0.99	0.48
1.9	3.65	3.51	3.59	3.9	0.89	5.75	4.71	4.08	3.51	2.85	2.15	1.45	0.86	0.44	0.19	0.07	0.03	0.01	0.008	0	6.37	5.19	4.48	3.83	3.1	2.32
1.67	3.66	3.49	3.55	3.88	0.89	5.75	4.71	4.06	3.47	2.8	2.09	1.39	0.82	0.41	0.18	0.07	0.03	0.01	0.009	0.001	6.37	5.18	4.45	3.79	3.03	2.25
1.71	3.66	3.5	3.59	3.87	0.89	5.76	4.7	4.04	3.43	2.74	2.02	1.34	0.78	0.39	0.17	0.07	0.03	0.01	0.01	0.001	6.36	5.17	4.42	3.74	2.97	2.18
1.9	3.66	3.5	3.61	3.92	0.89	5.76	4.69	4.01	3.38	2.68	1.96	1.28	0.74	0.37	0.16	0.07	0.03	0.01	0.01	0.001	6.36	5.15	4.38	3.68	2.89	2.1
1.89	3.65	3.48	3.6	3.89	0.9	5.77	4.67	3.97	3.33	2.61	1.89	1.22	0.7	0.35	0.15	0.06	0.03	0.01	0.01	0.001	6.36	5.12	4.33	3.61	2.82	2.02
1.98	3.63	3.46	3.58	3.86	0.9	5.79	4.66	3.93	3.27	2.54	1.82	1.17	0.66	0.33	0.14	0.06	0.02	0.008	0.01	0.001	6.37	5.1	4.28	3.54	2.74	1.95
1.55	3.66	3.48	3.58	3.85	0.9	5.8	4.64	3.89	3.21	2.47	1.76	1.12	0.63	0.31	0.13	0.05	0.02	0.005	0.009	0	6.38	5.07	4.23	3.47	2.66	1.87
1.98	3.66	3.51	3.6	3.9	0.9	5.82	4.61	3.84	3.15	2.4	1.7	1.07	0.6	0.29	0.12	0.05	0.02	0.002	0.008	0	6.39	5.04	4.17	3.4	2.58	1.81
2.22	3.75	3.61	3.66	3.93	0.9	5.83	4.58	3.79	3.09	2.34	1.64	1.03	0.57	0.28	0.11	0.04	0.01	0	0.006	-0.001	6.4	5	4.11	3.33	2.51	1.74
2.41	3.68	3.53	3.63	3.88	0.91	5.84																				

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.99	3.72	3.56	3.65	3.89	1.07	6.8	5.57	4.75	3.93	2.94	1.9	0.98	0.37	0.1	0.02	0.002	0.004	0.001	0.001	-0.002	7.09	5.8	4.93	4.06	3.03	1.96
1.89	3.71	3.57	3.6	3.87	1.06	6.8	5.59	4.78	3.96	2.97	1.92	0.98	0.37	0.1	0.02	0.001	0.004	0.002	0.001	-0.002	7.12	5.83	4.98	4.11	3.08	1.98
1.52	3.71	3.59	3.6	3.9	1.05	6.8	5.61	4.8	3.99	2.99	1.93	0.97	0.36	0.09	0.01	0.001	0.004	0.002	0.001	-0.003	7.13	5.86	5.01	4.15	3.1	1.99
1.72	3.71	3.57	3.62	3.9	1.04	6.81	5.63	4.82	4	2.99	1.92	0.96	0.35	0.09	0.01	0.002	0.004	0.002	0.002	-0.003	7.14	5.89	5.03	4.16	3.1	1.98
2.04	3.71	3.54	3.54	3.91	1.03	6.81	5.63	4.82	3.99	2.97	1.9	0.94	0.34	0.09	0.01	0.003	0.004	0.001	0.002	-0.004	7.15	5.9	5.03	4.15	3.08	1.95
1.79	3.71	3.59	3.6	3.92	1.02	6.81	5.63	4.8	3.96	2.93	1.85	0.91	0.33	0.08	0.01	0.006	0.004	0.001	0.001	-0.006	7.15	5.89	5.02	4.12	3.04	1.91
1.85	3.7	3.52	3.6	3.9	1.01	6.79	5.61	4.77	3.91	2.87	1.79	0.87	0.31	0.08	0.02	0.008	0.004	0	0	-0.007	7.13	5.87	4.97	4.06	2.97	1.85
1.81	3.68	3.51	3.59	3.88	1	6.77	5.57	4.71	3.83	2.78	1.72	0.82	0.29	0.08	0.02	0.01	0.006	0	0.001	-0.006	7.09	5.82	4.91	3.98	2.87	1.76
2.5	3.7	3.59	3.62	3.9	1	6.72	5.5	4.62	3.72	2.67	1.62	0.77	0.27	0.08	0.02	0.01	0.008	0.001	0.003	-0.003	7.04	5.74	4.81	3.86	2.76	1.67
2.26	3.71	3.57	3.6	3.91	0.99	6.66	5.41	4.5	3.59	2.54	1.52	0.71	0.26	0.08	0.03	0.02	0.01	0.003	0.005	0	6.96	5.63	4.67	3.72	2.62	1.56
1.85	3.72	3.58	3.6	3.91	0.99	6.57	5.27	4.35	3.43	2.39	1.41	0.65	0.24	0.08	0.03	0.02	0.01	0.004	0.006	0.001	6.86	5.48	4.5	3.54	2.46	1.44
2.07	3.7	3.55	3.58	3.89	0.98	6.46	5.11	4.16	3.24	2.22	1.28	0.59	0.22	0.08	0.04	0.02	0.01	0.004	0.006	0.001	6.74	5.3	4.3	3.33	2.28	1.31
2.35	3.74	3.56	3.62	3.91	0.98	6.33	4.9	3.94	3.02	2.04	1.16	0.53	0.2	0.08	0.04	0.03	0.01	0.004	0.006	0.001	6.58	5.07	4.06	3.1	2.08	1.18
1.92	3.7	3.59	3.63	3.89	0.98	6.17	4.66	3.69	2.79	1.85	1.03	0.47	0.18	0.08	0.05	0.03	0.01	0.005	0.007	0	6.4	4.82	3.8	2.86	1.89	1.05
2.35	3.75	3.67	3.67	3.88	0.99	6	4.4	3.42	2.54	1.66	0.92	0.42	0.17	0.08	0.05	0.03	0.01	0.006	0.008	-0.001	6.21	4.53	3.51	2.6	1.69	0.93
2.46	3.69	3.61	3.62	3.85	0.99	5.82	4.12	3.15	2.29	1.47	0.81	0.37	0.16	0.08	0.05	0.04	0.02	0.008	0.009	-0.001	6	4.23	3.22	2.34	1.5	0.82
1.85	3.7	3.59	3.63	3.9	0.99	5.63	3.83	2.86	2.05	1.3	0.71	0.33	0.15	0.08	0.06	0.04	0.02	0.01	0.01	-0.001	5.79	3.93	2.93	2.09	1.32	0.72
2.08	3.8	3.65	3.65	3.9	0.99	5.44	3.55	2.59	1.83	1.14	0.62	0.3	0.14	0.08	0.06	0.04	0.02	0.01	0.01	-0.002	5.59	3.63	2.65	1.86	1.15	0.63
2.36	3.97	3.81	3.85	3.91	1	5.26	3.29	2.34	1.62	1	0.55	0.27	0.14	0.08	0.06	0.04	0.02	0.01	0.01	-0.002	5.39	3.36	2.39	1.65	1.01	0.55
2.16	3.83	3.68	3.67	3.88	1	5.1	3.05	2.12	1.45	0.88	0.49	0.25	0.13	0.08	0.06	0.04	0.02	0.01	0.01	-0.002	5.22	3.11	2.16	1.47	0.89	0.49
2	3.7	3.55	3.59	3.9	1.01	4.95	2.85	1.93	1.3	0.78	0.44	0.23	0.12	0.07	0.05	0.04	0.02	0.01	0.01	-0.004	5.07	2.9	1.96	1.31	0.79	0.44
2.35	3.74	3.57	3.59	3.92	1.01	4.83	2.67	1.77	1.18	0.71	0.4	0.21	0.12	0.07	0.05	0.04	0.02	0.01	0.01	-0.004	4.94	2.72	1.8	1.19	0.72	0.4
2.4	3.71	3.56	3.58	3.9	1.02	4.71	2.54	1.65	1.08	0.65	0.36	0.2	0.11	0.06	0.04	0.03	0.02	0.01	0.01	-0.005	4.82	2.58	1.68	1.1	0.66	0.37
2.09	3.71	3.56	3.59	3.85	1.02	4.6	2.43	1.56	1.01	0.6	0.34	0.19	0.1	0.06	0.04	0.03	0.01	0.01	0.008	-0.006	4.71	2.47	1.58	1.03	0.61	0.34
1.82	3.68	3.52	3.62	3.92	1.02	4.5	2.34	1.49	0.96	0.57	0.32	0.18	0.1	0.06	0.04	0.02	0.01	0.008	0.007	-0.005	4.61	2.39	1.51	0.98	0.58	0.33
1.97	3.71	3.55	3.61	3.88	1.03	4.39	2.28	1.44	0.93	0.55	0.31	0.17	0.09	0.05	0.04	0.02	0.01	0.007	0.007	-0.005	4.51	2.33	1.46	0.94	0.56	0.32
2.21	3.72	3.56	3.57	3.89	1.03	4.28	2.22	1.4	0.9	0.53	0.3	0.17	0.09	0.05	0.03	0.02	0.01	0.006	0.006	-0.004	4.41	2.27	1.43	0.92	0.54	0.31
2.1	3.72	3.56	3.6	3.86	1.03	4.17	2.16	1.36	0.88	0.52	0.29	0.16	0.09	0.05	0.03	0.02	0.01	0.006	0.006	-0.004	4.3	2.22	1.39	0.9	0.53	0.3
2.13	3.73	3.54	3.59	3.93	1.03	4.04	2.1	1.33	0.86	0.51	0.29	0.16	0.09	0.05	0.03	0.02	0.01	0.005	0.005	-0.003	4.18	2.16	1.36	0.88	0.52	0.29
2.03	3.72	3.53	3.6	3.95	1.03	3.92	2.04	1.3	0.84	0.5	0.28	0.15	0.08	0.05	0.03	0.02	0.01	0.005	0.005	-0.003	4.06	2.1	1.33	0.86	0.51	0.28
2.25	3.72	3.54	3.61	3.94	1.02	3.8	1.98	1.26	0.82	0.49	0.27	0.15	0.08	0.05	0.03	0.01	0.01	0.004	0.004	-0.003	3.94	2.03	1.3	0.84	0.5	0.28
2.16	3.7	3.54	3.59	3.93	1.01	3.69	1.91	1.23	0.8	0.48	0.27	0.14	0.08	0.05	0.03	0.01	0.01	0.004	0.004	-0.003	3.83	1.97	1.26	0.82	0.49	0.27
2.24	3.71	3.53	3.59	3.93	1.01	3.59	1.84	1.19	0.78	0.46	0.26	0.14	0.08	0.05	0.03	0.01	0.01	0.003	0.004	-0.002	3.72	1.9	1.22	0.8	0.47	0.26
2.16	3.77	3.64	3.59	3.92	1	3.51	1.78	1.15	0.76	0.45	0.25	0.14	0.08	0.05	0.03	0.01	0.009	0.002	0.004	-0.002	3.63	1.83	1.18	0.77	0.46	0.26
1.99	3.72	3.57	3.59	3.87	0.99	3.43	1.72	1.12	0.74	0.44	0.25	0.13	0.08	0.04	0.03	0.01	0.007	0.001	0.004	-0.001	3.55	1.76	1.14	0.75	0.45	0.25
2.14	3.63	3.46	3.55	3.88	0.98	3.37	1.66	1.08	0.72	0.42	0.24	0.13	0.07	0.04	0.03	0.01	0.006	0	0.003	-0.001	3.48	1.71	1.11	0.73	0.43	0.24
2	3.64	3.48	3.56	3.91	0.98	3.32	1.62	1.05	0.7	0.41	0.23	0.12	0.07	0.04	0.02	0.01	0.004	0	0.002	0	3.43	1.65	1.07	0.71	0.42	0.23
1.87	3.68	3.52	3.57	3.92	0.98	3.28	1.57	1.02	0.68	0.4	0.22	0.12	0.07	0.03	0.02	0.01	0.004	0	0.002	0	3.37	1.61	1.04	0.69	0.41	0.23
1.88	3.66	3.49	3.59	3.89	0.98	3.24	1.54	1	0.66	0.39	0.22	0.12	0.06	0.03	0.02	0.01	0.003	-0.001	0.001	0	3.33	1.57	1.02	0.67	0.39	0.22
2.19	3.66	3.5	3.58	3.91	0.98	3.2	1.51	0.98	0.65	0.38	0.21	0.11	0.06	0.03	0.02	0.01	0.003	-0.001	0.001	0.001	3.28	1.53	0.99	0.66	0.39	0.21
2.2	3.7	3.61	3.61	3.9	0.98	3.17	1.48	0.96	0.63	0.37	0.21	0.11	0.06	0.03	0.01	0.009	0.002	-0.001	0.001	0.001	3.24	1.5	0.97	0.64	0.38	0.21
2.2	3.69	3.54	3.63	3.95	0.98	3.13	1.45	0.94	0.62	0.36	0.2	0.11	0.06	0.03	0.01	0.007	0.002	-0.002	0.001	0.001	3.19	1.47	0.95	0.63	0.37	0.2
2.06	3.68	3.52	3.61	3.92	0.98	3.08	1.42	0.92	0.61	0.36	0.2	0.1	0.05	0.02	0.01	0.005	0.002	-0.002	0	0.002	3.13	1.43	0.93	0.61	0.36	0.2
1.67	3.64	3.49	3.56	3.9	0.98	3.03	1.39	0.9	0.59	0.35	0.19	0.1	0.05	0.02	0.01	0.004	0.001	-0.002	0	0.002	3.07	1.4	0.91	0.6	0.35	0.19
2.16	3.63	3.46	3.55	3.84	0.99	2.97	1.36	0.88	0.58	0.34	0.19	0.1	0.05	0.02	0.009	0.003	0.001	-0.003	0	0.002	3.01	1.37	0.89	0.58	0.34	0.19
2.21	3.62	3.46	3.53	3.85	1	2.92	1.33	0.87	0.57	0.33	0.18	0.09	0.05	0.02	0.008	0.002	0.001	-0.003	0.001	0.002	2.94	1.34	0.87	0.57	0.33	0.18
1.24	3.63	3.53	3.62	3.81	1	2.86	1.31	0.85	0.55	0.33	0.18	0.09	0.05	0.02	0.008	0.003	0.001	-0.003	0.001	0.002	2.88	1.31	0.86	0.55	0.33	0.18
2	3.65	3.51	3.56	3.89	1.01	2.81	1.28	0.84	0.54	0.32	0.17	0.09	0.04	0.02	0.009	0.003	0.001	-0.004	0.001	0.002	2.82	1.29	0.84	0.54	0.32	0.18
1.88	3.69	3.54	3.6	3.84	1.02	2.75	1.26	0.82	0.53	0.31	0.17	0.09	0.04	0.02	0.01	0.004	0.001	-0.004	0.002	0.002	2.77	1.26	0.83	0.53	0.31	0.17
2.21	3.66	3.57	3.63																							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.26	3.63	3.5	3.6	3.91	0.87	3.73	1.72	1.03	0.62	0.34	0.18	0.1	0.05	0.03	0.02	0.01	0.007	0	0.006	0.002	3.61	1.66	1	0.6	0.33	0.17
1.99	3.61	3.48	3.61	3.91	0.88	3.77	1.74	1.04	0.62	0.34	0.17	0.09	0.05	0.03	0.02	0.01	0.007	-0.001	0.006	0.002	3.62	1.67	1.01	0.6	0.33	0.17
1.21	3.61	3.46	3.59	3.91	0.89	3.82	1.75	1.05	0.63	0.34	0.17	0.09	0.05	0.03	0.02	0.01	0.006	-0.002	0.005	0.001	3.63	1.68	1.01	0.61	0.33	0.17
1.93	3.64	3.47	3.56	3.9	0.91	3.87	1.77	1.06	0.63	0.34	0.17	0.09	0.05	0.03	0.02	0.01	0.005	-0.003	0.004	0	3.65	1.68	1.02	0.61	0.33	0.17
1.71	3.64	3.51	3.56	3.91	0.93	3.91	1.78	1.07	0.63	0.34	0.17	0.09	0.05	0.03	0.02	0.01	0.004	-0.003	0.003	0	3.66	1.68	1.02	0.61	0.33	0.17
2.01	3.75	3.62	3.58	3.92	0.95	3.94	1.78	1.07	0.63	0.34	0.17	0.09	0.05	0.03	0.02	0.01	0.004	-0.002	0.003	0	3.67	1.68	1.01	0.61	0.33	0.17
2.02	3.72	3.64	3.7	3.95	0.97	3.95	1.78	1.07	0.63	0.34	0.17	0.09	0.05	0.03	0.02	0.01	0.005	-0.002	0.003	-0.001	3.66	1.67	1.01	0.6	0.32	0.17
1.33	3.7	3.58	3.63	3.89	1	3.94	1.77	1.06	0.62	0.33	0.17	0.09	0.05	0.03	0.02	0.01	0.005	-0.002	0.003	-0.001	3.64	1.66	1	0.59	0.32	0.16
1.79	3.68	3.57	3.58	3.9	1.02	3.91	1.75	1.04	0.61	0.32	0.16	0.09	0.05	0.03	0.02	0.01	0.006	-0.001	0.003	-0.001	3.6	1.64	0.98	0.58	0.31	0.16
1.99	3.68	3.56	3.58	3.88	1.05	3.87	1.73	1.03	0.6	0.31	0.16	0.08	0.05	0.03	0.02	0.01	0.007	-0.001	0.003	-0.002	3.56	1.61	0.97	0.57	0.3	0.15
2.02	3.67	3.54	3.62	3.89	1.07	3.83	1.71	1.01	0.58	0.3	0.15	0.08	0.05	0.03	0.02	0.01	0.009	-0.001	0.004	-0.002	3.52	1.59	0.95	0.55	0.29	0.15
2.06	3.68	3.54	3.61	3.88	1.09	3.81	1.7	1	0.57	0.3	0.15	0.08	0.05	0.03	0.02	0.01	0.009	-0.001	0.004	-0.002	3.49	1.59	0.94	0.55	0.29	0.14
1.98	3.71	3.61	3.6	3.91	1.1	3.81	1.72	1.01	0.58	0.3	0.15	0.08	0.05	0.03	0.02	0.01	0.008	-0.001	0.003	-0.002	3.5	1.6	0.95	0.55	0.29	0.14
1.74	3.7	3.59	3.59	3.89	1.11	3.87	1.78	1.05	0.61	0.32	0.16	0.08	0.05	0.03	0.02	0.01	0.008	-0.001	0.002	-0.003	3.55	1.66	0.99	0.58	0.3	0.15
1.72	3.71	3.61	3.62	3.91	1.12	3.99	1.91	1.15	0.69	0.36	0.18	0.09	0.05	0.03	0.02	0.01	0.006	-0.001	0	-0.005	3.67	1.78	1.08	0.65	0.35	0.17
1.72	3.69	3.57	3.62	3.9	1.13	4.19	2.11	1.31	0.81	0.45	0.23	0.11	0.05	0.03	0.01	0.01	0.006		0	-0.006	3.86	1.97	1.24	0.77	0.43	0.22
1.94	3.7	3.55	3.63	3.88	1.14	4.48	2.41	1.56	1.01	0.58	0.3	0.14	0.06	0.03	0.02	0.01	0.008		0	-0.007	4.14	2.25	1.47	0.95	0.55	0.29
2.14	3.7	3.56	3.65	3.89	1.14	4.83	2.78	1.88	1.26	0.76	0.4	0.18	0.07	0.03	0.02	0.01	0.008	0.002	0.001	-0.006	4.49	2.6	1.77	1.19	0.72	0.38
1.9	3.7	3.6	3.66	3.89	1.14	5.23	3.22	2.26	1.57	0.97	0.52	0.23	0.08	0.03	0.02	0.01	0.007	0.002	0.001	-0.004	4.88	3.02	2.13	1.49	0.93	0.5
1.51	3.7	3.61	3.66	3.92	1.14	5.63	3.67	2.67	1.91	1.21	0.66	0.28	0.09	0.03	0.01	0.01	0.004	0.001	0.002	-0.003	5.3	3.46	2.52	1.81	1.15	0.63
1.99	3.73	3.65	3.65	3.93	1.14	6.01	4.12	3.08	2.25	1.45	0.79	0.33	0.1	0.02	0.01	0.004	0	0.001	0.002	-0.001	5.7	3.9	2.93	2.14	1.39	0.77
2.08	3.93	3.82	3.76	3.98	1.13	6.34	4.53	3.47	2.58	1.7	0.94	0.39	0.12	0.02	0.01	0.003	0	0.001	0.002	0	6.05	4.31	3.31	2.46	1.62	0.9
2	3.84	3.75	3.68	3.98	1.12	6.57	4.85	3.8	2.87	1.91	1.06	0.44	0.13	0.03	0.009	0.003	0.001	0	0.002	0.001	6.32	4.65	3.64	2.75	1.83	1.02
1.44	3.76	3.69	3.71	3.9	1.11	6.72	5.08	4.04	3.09	2.07	1.15	0.48	0.14	0.03	0.008	0.003	0.002	0	0.002	0.003	6.49	4.89	3.89	2.97	1.99	1.11
1.55	3.76	3.67	3.64	3.92	1.09	6.77	5.21	4.2	3.23	2.17	1.21	0.5	0.14	0.03	0.007	0.004	0.003	-0.001	0.002	0.004	6.58	5.04	4.05	3.11	2.1	1.17
2.09	3.74	3.61	3.65	3.91	1.08	6.76	5.26	4.27	3.29	2.22	1.23	0.5	0.14	0.02	0.007	0.004	0.004	-0.001	0.001	0.005	6.59	5.1	4.13	3.19	2.15	1.2
2.1	3.69	3.61	3.66	3.87	1.06	6.71	5.24	4.27	3.29	2.22	1.23	0.5	0.14	0.02	0.007	0.005	0.003	-0.001	0.001	0.005	6.56	5.1	4.15	3.2	2.15	1.19
2.18	3.67	3.56	3.61	3.9	1.04	6.64	5.19	4.21	3.24	2.17	1.19	0.48	0.14	0.03	0.007	0.005	0.002	-0.002	0.001	0.006	6.52	5.07	4.11	3.16	2.11	1.16
2.07	3.68	3.55	3.62	3.91	1.03	6.58	5.11	4.12	3.15	2.08	1.13	0.46	0.13	0.02	0.007	0.004	0	-0.002	0	0.006	6.49	5.01	4.03	3.08	2.04	1.11
1.85	3.66	3.53	3.63	3.9	1.02	6.53	5.02	4.01	3.03	1.98	1.06	0.43	0.12	0.03	0.007	0.003	-0.003		0	0.007	6.46	4.95	3.94	2.97	1.94	1.04
1.86	3.68	3.53	3.64	3.92	1.01	6.5	4.94	3.89	2.9	1.86	0.98	0.4	0.12	0.03	0.009	0.003	-0.004		0	0.007	6.45	4.88	3.83	2.85	1.83	0.97
1.95	3.69	3.54	3.62	3.93	1.01	6.47	4.85	3.76	2.76	1.73	0.91	0.37	0.12	0.03	0.01	0.004	-0.005		0	0.007	6.45	4.81	3.71	2.72	1.71	0.89
2.1	3.72	3.56	3.66	3.92	1	6.44	4.76	3.63	2.61	1.61	0.83	0.34	0.12	0.04	0.01	0.007	-0.003		0	0.006	6.44	4.73	3.59	2.58	1.59	0.82
2.29	3.7	3.57	3.67	3.92	0.99	6.41	4.66	3.49	2.47	1.49	0.76	0.32	0.12	0.05	0.02	0.01	0		0	0.005	6.42	4.64	3.46	2.45	1.48	0.75
2.3	3.69	3.61	3.69	3.93	0.99	6.36	4.54	3.34	2.32	1.37	0.69	0.3	0.12	0.06	0.03	0.01	0.003	-0.002	0	0.004	6.39	4.54	3.33	2.3	1.36	0.69
2.01	3.65	3.56	3.65	3.86	0.98	6.3	4.42	3.2	2.18	1.26	0.63	0.28	0.13	0.06	0.03	0.01	0.005	-0.002	0.001	0.003	6.34	4.42	3.19	2.17	1.26	0.63
2.31	3.67	3.53	3.63	3.87	0.97	6.23	4.29	3.07	2.05	1.17	0.58	0.26	0.13	0.07	0.04	0.02	0.007	-0.001	0.002	0.002	6.28	4.29	3.06	2.04	1.16	0.58
2.19	3.67	3.54	3.59	3.88	0.97	6.17	4.17	2.94	1.94	1.08	0.54	0.25	0.13	0.07	0.04	0.02	0.008	-0.001	0.002	0.001	6.22	4.18	2.94	1.93	1.08	0.54
2.25	3.68	3.55	3.58	3.9	0.96	6.11	4.07	2.84	1.84	1.01	0.5	0.24	0.13	0.07	0.04	0.02	0.009	0	0.002	0.001	6.17	4.09	2.84	1.84	1.01	0.5
2.16	3.64	3.51	3.56	3.86	0.96	6.06	3.99	2.75	1.76	0.96	0.48	0.23	0.12	0.07	0.04	0.02	0.009	0	0.001	0	6.13	4.01	2.76	1.76	0.96	0.48
2.03	3.66	3.48	3.58	3.83	0.96	6.02	3.93	2.69	1.7	0.92	0.46	0.23	0.12	0.07	0.04	0.02	0.009	0	0.001	0	6.1	3.95	2.69	1.7	0.92	0.46
1.99	3.71	3.6	3.63	3.93	0.96	5.99	3.87	2.63	1.65	0.88	0.44	0.22	0.12	0.06	0.04	0.02	0.009	0	0.001	0.001	6.08	3.9	2.64	1.65	0.88	0.44
2	3.68	3.53	3.63	3.92	0.96	5.98	3.83	2.58	1.6	0.86	0.43	0.22	0.12	0.06	0.03	0.02	0.009	-0.001	0.001	0.001	6.07	3.86	2.59	1.61	0.86	0.43
2.28	3.68	3.53	3.63	3.93	0.96	5.96	3.78	2.53	1.56	0.83	0.42	0.22	0.12	0.06	0.03	0.01	0.009	-0.001	0.001	0.001	6.06	3.81	2.54	1.56	0.83	0.42
2.14	3.68	3.54	3.65	3.91	0.96	5.94	3.73	2.47	1.52	0.81	0.41	0.21	0.11	0.06	0.03	0.01	0.009	-0.002	0.001	0.001	6.04	3.77	2.49	1.52	0.81	0.41
2.08	3.65	3.54	3.61	3.9	0.96	5.91	3.67	2.42	1.47	0.78	0.4	0.21	0.11	0.06	0.03	0.01	0.009	-0.002	0.001	0.001	6.02	3.71	2.43	1.48	0.79	0.4
1.9	3.68	3.53	3.64	3.91	0.96	5.86	3.6	2.35	1.43	0.76	0.4	0.21	0.11	0.06	0.03	0.02	0.01	-0.002	0.002	0.001	5.97	3.64	2.37	1.44	0.77	0.4
2.02	3.71	3.56	3.62	3.84	0.96	5.79	3.53	2.29	1.39	0.74	0.39	0.21	0.11	0.06	0.03	0.02	0.01	-0.002	0.002	0.001	5.91	3.57	2.31	1.4	0.75	0.39
2.09	3.74	3.58	3.6	3.88	0.96	5.72	3.45	2.23	1.35	0.73	0.39	0.21	0.12	0.06	0.03	0.02	0.01	-0.002	0.002	0.001	5.83	3.49	2.25	1.36	0.73	0.39
1.74	3.69	3.56	3.58	3.91																						

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.03	3.72	3.51	3.59	3.9	0.92	6.05	4.34	3.25	2.3	1.45	0.8	0.39	0.18	0.09	0.05	0.02	0.007	0	0.002	0.001	6.08	4.33	3.24	2.29	1.44	0.8
1.85	3.67	3.51	3.62	3.89	0.92	6.05	4.37	3.28	2.34	1.47	0.81	0.39	0.18	0.09	0.05	0.02	0.007	0	0.001	0.001	6.06	4.34	3.26	2.31	1.46	0.8
1.78	3.63	3.5	3.54	3.91	0.92	6.07	4.4	3.32	2.36	1.49	0.82	0.39	0.18	0.09	0.05	0.02	0.007	0	0.001	0.001	6.04	4.36	3.27	2.33	1.47	0.81
2.15	3.71	3.52	3.59	3.88	0.92	6.1	4.44	3.35	2.39	1.5	0.82	0.39	0.18	0.09	0.05	0.02	0.008	0.001	0.001	0.001	6.04	4.37	3.29	2.34	1.47	0.81
2.22	3.76	3.57	3.63	3.88	0.92	6.13	4.47	3.37	2.41	1.51	0.82	0.39	0.18	0.09	0.05	0.02	0.009	0.001	0.001	0.001	6.04	4.38	3.29	2.35	1.47	0.81
2.55	3.73	3.59	3.63	3.9	0.92	6.17	4.49	3.38	2.41	1.51	0.82	0.39	0.18	0.09	0.05	0.02	0.01	0.002	0.002	0	6.04	4.37	3.29	2.35	1.47	0.8
2.17	3.7	3.57	3.66	3.87	0.92	6.19	4.5	3.39	2.42	1.51	0.82	0.39	0.18	0.09	0.05	0.03	0.01	0.003	0.002	0	6.04	4.36	3.28	2.34	1.46	0.79
2.22	3.85	3.73	3.75	3.89	0.92	6.21	4.5	3.39	2.41	1.5	0.81	0.39	0.19	0.1	0.05	0.03	0.01	0.003	0.002	0	6.01	4.34	3.26	2.32	1.44	0.79
1.72	3.72	3.6	3.64	3.9	0.93	6.22	4.51	3.39	2.4	1.49	0.8	0.39	0.19	0.1	0.06	0.03	0.01	0.004	0.003	0	5.98	4.31	3.24	2.3	1.43	0.77
1.67	3.7	3.58	3.62	3.88	0.93	6.22	4.51	3.39	2.4	1.48	0.8	0.39	0.2	0.11	0.06	0.04	0.02	0.005	0.004	-0.001	5.95	4.29	3.22	2.28	1.41	0.76
2.14	3.67	3.53	3.62	3.92	0.93	6.24	4.53	3.4	2.4	1.47	0.79	0.39	0.2	0.11	0.07	0.04	0.02	0.007	0.004	-0.001	5.93	4.28	3.21	2.27	1.4	0.76
1.95	3.66	3.5	3.64	3.86	0.93	6.29	4.57	3.44	2.42	1.47	0.79	0.4	0.21	0.12	0.07	0.04	0.02	0.008	0.005	-0.001	5.94	4.29	3.23	2.28	1.39	0.76
1.25	3.65	3.51	3.63	3.9	0.94	6.37	4.64	3.49	2.45	1.49	0.8	0.41	0.22	0.13	0.07	0.04	0.02	0.01	0.007	0	5.97	4.33	3.26	2.3	1.4	0.76
1.82	3.72	3.6	3.63	3.91	0.94	6.47	4.74	3.57	2.5	1.51	0.82	0.43	0.24	0.14	0.08	0.05	0.02	0.01	0.008	0.001	6.04	4.4	3.31	2.33	1.42	0.78
2.09	3.71	3.57	3.64	3.89	0.95	6.59	4.85	3.66	2.56	1.55	0.85	0.45	0.25	0.15	0.08	0.05	0.02	0.01	0.009	0.002	6.13	4.48	3.38	2.38	1.45	0.8
1.94	3.75	3.58	3.62	3.91	0.95	6.72	4.96	3.75	2.63	1.6	0.89	0.48	0.27	0.16	0.09	0.05	0.02	0.01	0.009	0.002	6.21	4.57	3.45	2.43	1.49	0.83
2.01	3.72	3.63	3.64	3.92	0.96	6.82	5.07	3.84	2.7	1.65	0.93	0.51	0.29	0.17	0.09	0.05	0.02	0.01	0.008	0.001	6.29	4.64	3.51	2.48	1.53	0.87
1.86	3.72	3.56	3.6	3.91	0.96	6.9	5.14	3.91	2.76	1.71	0.97	0.55	0.32	0.18	0.1	0.05	0.02	0.01	0.008	0.001	6.33	4.69	3.56	2.53	1.57	0.91
2.11	3.72	3.57	3.65	3.92	0.97	6.94	5.19	3.95	2.81	1.75	1.02	0.58	0.34	0.19	0.11	0.05	0.02	0.01	0.007	0	6.34	4.71	3.59	2.56	1.61	0.95
2.01	3.69	3.54	3.65	3.91	0.97	6.94	5.2	3.97	2.84	1.8	1.06	0.62	0.36	0.21	0.11	0.05	0.01	0.008	0.006	-0.001	6.32	4.71	3.59	2.58	1.65	0.98
1.57	3.67	3.52	3.63	3.88	0.97	6.93	5.2	3.98	2.86	1.84	1.11	0.65	0.38	0.22	0.12	0.05	0.01	0.006	0.005	-0.002	6.29	4.68	3.58	2.59	1.67	1.02
1.98	3.7	3.53	3.67	3.9	0.98	6.91	5.18	3.97	2.87	1.87	1.15	0.69	0.41	0.23	0.12	0.05	0.02	0.005	0.005	-0.001	6.25	4.65	3.56	2.59	1.7	1.06
1.64	3.66	3.54	3.61	3.9	0.98	6.9	5.16	3.95	2.88	1.9	1.19	0.72	0.43	0.24	0.13	0.05	0.02	0.004	0.005	-0.002	6.21	4.61	3.53	2.58	1.72	1.09
2.23	3.68	3.57	3.63	3.86	0.98	6.9	5.14	3.94	2.88	1.92	1.22	0.75	0.45	0.26	0.13	0.05	0.02	0.002	0.004	-0.002	6.18	4.57	3.5	2.57	1.73	1.11
1.98	3.72	3.62	3.65	3.91	0.98	6.91	5.12	3.92	2.87	1.94	1.25	0.78	0.47	0.27	0.13	0.05	0.02	0.001	0.004	-0.002	6.17	4.54	3.48	2.56	1.75	1.14
1.9	3.68	3.57	3.57	3.8	0.99	6.94	5.11	3.91	2.87	1.96	1.27	0.8	0.48	0.27	0.14	0.05	0.02	0	0.003	-0.001	6.17	4.51	3.45	2.55	1.75	1.16
1.47	3.68	3.56	3.61	3.83	0.99	6.98	5.11	3.89	2.87	1.97	1.3	0.82	0.5	0.28	0.14	0.05	0.01	0	0.003	0	6.18	4.49	3.43	2.54	1.76	1.17
1.89	3.68	3.56	3.6	3.87	0.99	7.02	5.1	3.87	2.86	1.98	1.31	0.84	0.51	0.29	0.14	0.05	0.01	0	0.003	0.001	6.2	4.47	3.4	2.53	1.76	1.19
1.98	3.7	3.52	3.62	3.91	1	7.05	5.08	3.85	2.85	1.98	1.33	0.85	0.52	0.29	0.14	0.05	0.01	0	0.003	0.001	6.21	4.44	3.38	2.51	1.76	1.19
1.83	3.71	3.55	3.64	3.89	1	7.07	5.04	3.82	2.83	1.97	1.33	0.86	0.53	0.3	0.14	0.05	0.01	0	0.002	0.002	6.22	4.41	3.35	2.5	1.76	1.2
1.61	3.69	3.56	3.64	3.94	1.01	7.07	5	3.77	2.8	1.96	1.33	0.87	0.53	0.3	0.14	0.05	0.01	0.001	0.002	0.002	6.22	4.37	3.31	2.47	1.75	1.2
1.68	3.7	3.58	3.63	3.89	1.02	7.04	4.93	3.72	2.77	1.95	1.33	0.87	0.54	0.3	0.14	0.05	0.01	0.001	0.002	0.002	6.19	4.32	3.27	2.45	1.74	1.2
1.92	3.7	3.56	3.62	3.93	1.03	6.99	4.86	3.66	2.73	1.93	1.32	0.87	0.54	0.3	0.14	0.05	0.01	0.002	0.001	0.001	6.15	4.26	3.22	2.42	1.72	1.19
1.91	3.7	3.56	3.63	3.88	1.04	6.91	4.77	3.6	2.68	1.9	1.31	0.87	0.54	0.31	0.14	0.05	0.01	0.003	0.001	0.001	6.1	4.19	3.17	2.38	1.7	1.19
1.71	3.71	3.56	3.6	3.87	1.05	6.82	4.68	3.53	2.64	1.87	1.3	0.86	0.54	0.31	0.15	0.06	0.01	0.004	0	0.001	6.03	4.13	3.12	2.35	1.68	1.18
2.08	3.7	3.55	3.63	3.91	1.06	6.73	4.6	3.46	2.59	1.84	1.28	0.85	0.54	0.31	0.15	0.06	0.01	0.004	0	0.001	5.98	4.07	3.08	2.32	1.66	1.16
1.95	3.71	3.58	3.6	3.92	1.06	6.65	4.53	3.41	2.54	1.8	1.26	0.84	0.53	0.31	0.15	0.06	0.01	0.004	0	0.001	5.93	4.03	3.04	2.28	1.64	1.15
1.75	3.73	3.56	3.64	3.9	1.07	6.59	4.48	3.35	2.5	1.77	1.23	0.83	0.53	0.31	0.15	0.06	0.01	0.004	0.001	0.001	5.9	4	3.01	2.26	1.61	1.13
1.68	3.72	3.58	3.65	3.93	1.07	6.54	4.43	3.31	2.46	1.74	1.21	0.82	0.53	0.3	0.15	0.06	0.01	0.004	0.001	0	5.89	3.98	2.99	2.23	1.59	1.12
1.61	3.73	3.57	3.63	3.95	1.07	6.5	4.4	3.27	2.42	1.71	1.19	0.81	0.52	0.3	0.15	0.06	0.01	0.004	0.002	0	5.89	3.97	2.97	2.21	1.57	1.1
1.43	3.74	3.61	3.66	3.89	1.08	6.47	4.36	3.24	2.39	1.68	1.17	0.8	0.52	0.3	0.16	0.07	0.02	0.004	0.002	-0.001	5.89	3.97	2.96	2.19	1.55	1.09
2.14	3.75	3.63	3.66	3.93	1.08	6.43	4.34	3.21	2.37	1.66	1.15	0.79	0.51	0.3	0.16	0.07	0.02	0.004	0.003	-0.001	5.89	3.97	2.95	2.18	1.54	1.08
1.71	3.74	3.61	3.67	3.91	1.07	6.38	4.31	3.2	2.35	1.65	1.15	0.78	0.51	0.31	0.16	0.07	0.02	0.005	0.004	-0.002	5.88	3.96	2.95	2.18	1.53	1.08
1.67	3.73	3.59	3.62	3.92	1.07	6.33	4.3	3.2	2.36	1.65	1.15	0.78	0.51	0.31	0.16	0.07	0.02	0.005	0.004	-0.002	5.86	3.97	2.96	2.19	1.54	1.08
2.2	3.76	3.64	3.64	3.93	1.07	6.29	4.3	3.23	2.39	1.69	1.17	0.79	0.52	0.31	0.17	0.08	0.03	0.007	0.006	-0.002	5.85	3.99	3	2.23	1.58	1.11
2.26	3.74	3.6	3.63	3.91	1.07	6.26	4.34	3.3	2.46	1.75	1.22	0.82	0.52	0.31	0.17	0.08	0.03	0.009	0.007	-0.001	5.85	4.04	3.08	2.31	1.64	1.15
1.46	3.71	3.56	3.62	3.88	1.06	6.28	4.43	3.41	2.59	1.85	1.29	0.86	0.54	0.32	0.17	0.08	0.04	0.01	0.009	0.001	5.89	4.14	3.19	2.43	1.75	1.23
1.91	3.71	3.54	3.61	3.93	1.06	6.35	4.56	3.58	2.76	2.01	1.41	0.93	0.58	0.33	0.17	0.09	0.04	0.01	0.01	0.001	5.98	4.28	3.36	2.6	1.9	1.34
2.13	3.7	3.53	3.56	3.89	1.06	6.47	4.76	3.8	2.98	2.21	1.56	1.02	0.62	0.35	0.18	0.09	0.05	0.02	0.01	0.002	6.11	4.47	3.58	2.81	2.09	1.48
2.18	3.69	3.54	3.62	3.93	1.06	6.63	4.99																			

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.07	3.68	3.49	3.58	3.9	0.9	6.56	5.76	5.23	4.73	4.14	3.48	2.73	1.96	1.26	0.7	0.32	0.11	0.03	0.007	0.001	6.77	5.92	5.36	4.84	4.23	3.54
1.76	3.72	3.54	3.59	3.92	0.9	6.57	5.75	5.21	4.71	4.13	3.48	2.74	1.97	1.28	0.71	0.33	0.11	0.03	0.007	0.002	6.74	5.88	5.32	4.8	4.19	3.52
1.68	3.67	3.53	3.56	3.91	0.9	6.6	5.76	5.21	4.7	4.12	3.47	2.74	1.99	1.29	0.72	0.33	0.11	0.02	0.007	0.002	6.73	5.85	5.28	4.76	4.16	3.5
1.82	3.65	3.48	3.58	3.9	0.91	6.65	5.78	5.23	4.72	4.13	3.48	2.75	2	1.3	0.73	0.34	0.11	0.02	0.006	0.003	6.73	5.84	5.27	4.75	4.15	3.49
1.75	3.65	3.48	3.58	3.89	0.92	6.71	5.82	5.26	4.74	4.14	3.49	2.76	2.01	1.31	0.74	0.34	0.11	0.02	0.006	0.004	6.75	5.84	5.27	4.74	4.14	3.48
2.02	3.64	3.49	3.58	3.9	0.93	6.78	5.87	5.3	4.77	4.16	3.5	2.76	2.01	1.32	0.75	0.34	0.12	0.02	0.005	0.005	6.78	5.86	5.28	4.75	4.14	3.47
2.06	3.66	3.51	3.61	3.89	0.94	6.85	5.92	5.35	4.8	4.18	3.51	2.77	2.02	1.33	0.75	0.35	0.12	0.02	0.005	0.006	6.82	5.89	5.31	4.77	4.15	3.47
1.6	3.71	3.55	3.59	3.88	0.96	6.91	5.97	5.39	4.84	4.21	3.52	2.77	2.03	1.34	0.76	0.35	0.12	0.02	0.006	0.006	6.86	5.92	5.33	4.79	4.16	3.47
1.63	3.73	3.54	3.6	3.9	0.99	6.96	6.02	5.43	4.87	4.23	3.53	2.78	2.03	1.35	0.77	0.36	0.12	0.03	0.006	0.006	6.89	5.95	5.36	4.81	4.17	3.48
1.46	3.71	3.55	3.59	3.9	1.01	7.01	6.06	5.46	4.89	4.24	3.54	2.78	2.04	1.36	0.78	0.36	0.13	0.03	0.007	0.005	6.93	5.98	5.39	4.83	4.19	3.49
1.99	3.74	3.58	3.59	3.88	1.03	7.05	6.1	5.49	4.92	4.26	3.55	2.79	2.05	1.37	0.79	0.37	0.13	0.03	0.008	0.005	6.96	6.02	5.41	4.86	4.2	3.5
2.02	3.74	3.59	3.57	3.89	1.05	7.08	6.13	5.52	4.95	4.28	3.56	2.8	2.06	1.38	0.8	0.38	0.14	0.03	0.009	0.004	7	6.06	5.45	4.89	4.23	3.52
1.8	3.73	3.58	3.62	3.91	1.07	7.11	6.17	5.55	4.97	4.31	3.58	2.82	2.07	1.39	0.82	0.39	0.15	0.04	0.01	0.004	7.04	6.1	5.49	4.92	4.26	3.54
1.54	3.7	3.57	3.61	3.91	1.09	7.14	6.2	5.58	5	4.33	3.6	2.84	2.08	1.41	0.83	0.41	0.15	0.04	0.01	0.003	7.08	6.14	5.53	4.96	4.29	3.57
1.87	3.69	3.55	3.64	3.9	1.1	7.16	6.22	5.61	5.03	4.36	3.63	2.86	2.11	1.43	0.85	0.42	0.16	0.04	0.01	0.002	7.12	6.18	5.57	5.01	4.33	3.61
1.63	3.72	3.58	3.64	3.91	1.11	7.16	6.23	5.62	5.06	4.39	3.66	2.89	2.13	1.45	0.86	0.43	0.16	0.05	0.01	0.002	7.15	6.22	5.61	5.05	4.38	3.66
1.85	3.73	3.58	3.62	3.89	1.12	7.15	6.23	5.64	5.08	4.42	3.7	2.93	2.16	1.47	0.88	0.44	0.17	0.05	0.01	0.001	7.17	6.25	5.65	5.09	4.43	3.71
1.95	3.74	3.58	3.62	3.9	1.12	7.13	6.23	5.65	5.11	4.46	3.75	2.98	2.2	1.5	0.91	0.46	0.18	0.05	0.01	0.001	7.18	6.27	5.69	5.14	4.49	3.77
2.03	3.73	3.57	3.65	3.91	1.13	7.11	6.22	5.66	5.14	4.51	3.8	3.03	2.25	1.54	0.93	0.48	0.19	0.05	0.01	0.001	7.2	6.3	5.73	5.2	4.56	3.85
1.78	3.73	3.56	3.62	3.91	1.13	7.07	6.2	5.67	5.17	4.55	3.87	3.1	2.31	1.58	0.97	0.5	0.2	0.06	0.01	0.002	7.21	6.32	5.78	5.27	4.64	3.93
1.41	3.73	3.57	3.61	3.93	1.13	7.04	6.19	5.69	5.2	4.61	3.93	3.17	2.38	1.64	1	0.52	0.21	0.06	0.01	0.002	7.23	6.35	5.84	5.34	4.73	4.03
1.86	3.73	3.6	3.67	3.93	1.13	7.01	6.18	5.7	5.24	4.67	4.01	3.25	2.45	1.69	1.04	0.54	0.22	0.06	0.01	0.002	7.26	6.4	5.91	5.42	4.83	4.14
1.58	3.71	3.58	3.66	3.9	1.13	6.98	6.17	5.73	5.28	4.73	4.09	3.33	2.53	1.75	1.08	0.56	0.23	0.07	0.01	0.003	7.29	6.45	5.98	5.51	4.93	4.26
2.3	3.85	3.94	3.71	3.91	1.12	6.95	6.17	5.75	5.32	4.79	4.16	3.42	2.61	1.82	1.12	0.59	0.24	0.07	0.02	0.004	7.33	6.51	6.06	5.6	5.04	4.37
2.13	3.77	3.77	3.67	3.94	1.12	6.92	6.18	5.77	5.36	4.85	4.24	3.5	2.69	1.88	1.16	0.61	0.25	0.08	0.02	0.005	7.37	6.57	6.13	5.69	5.15	4.49
1.42	3.65	3.53	3.58	3.83	1.06	1.64	0.75	0.56	0.46	0.37	0.3	0.25	0.21	0.17	0.13	0.11	0.08	0.05	0.03	0.01	1.72	0.78	0.58	0.48	0.39	0.31
1.59	3.69	3.55	3.61	3.84	1.06	1.67	0.73	0.55	0.45	0.36	0.3	0.25	0.21	0.17	0.14	0.11	0.08	0.05	0.03	0.01	1.76	0.76	0.57	0.46	0.38	0.3
1.98	3.67	3.55	3.59	3.9	1.07	1.72	0.72	0.53	0.43	0.35	0.29	0.24	0.2	0.17	0.14	0.11	0.08	0.05	0.03	0.01	1.8	0.75	0.55	0.45	0.36	0.3
2.03	3.7	3.6	3.63	3.86	1.07	1.77	0.71	0.52	0.42	0.34	0.28	0.23	0.2	0.17	0.14	0.11	0.08	0.05	0.03	0.01	1.85	0.74	0.54	0.43	0.35	0.29
1.93	3.66	3.53	3.59	3.85	1.07	1.83	0.71	0.52	0.41	0.33	0.27	0.23	0.19	0.17	0.14	0.11	0.08	0.05	0.03	0.01	1.92	0.74	0.53	0.42	0.34	0.28
1.95	3.67	3.52	3.56	3.9	1.07	1.9	0.73	0.52	0.41	0.33	0.26	0.22	0.19	0.16	0.14	0.11	0.08	0.05	0.03	0.01	1.99	0.75	0.54	0.42	0.33	0.27
2.01	3.67	3.5	3.58	3.89	1.07	1.99	0.76	0.55	0.42	0.33	0.26	0.22	0.19	0.16	0.14	0.11	0.08	0.05	0.03	0.01	2.08	0.79	0.56	0.43	0.34	0.27
2.16	3.66	3.53	3.57	3.88	1.08	2.1	0.83	0.59	0.45	0.34	0.26	0.21	0.18	0.16	0.14	0.11	0.08	0.05	0.03	0.01	2.21	0.87	0.61	0.46	0.35	0.27
2.18	3.67	3.51	3.61	3.88	1.08	2.25	0.94	0.67	0.5	0.38	0.28	0.22	0.18	0.15	0.13	0.11	0.08	0.05	0.03	0.01	2.36	0.98	0.7	0.52	0.39	0.29
2.21	3.7	3.55	3.56	3.87	1.08	2.44	1.09	0.79	0.58	0.43	0.31	0.23	0.18	0.15	0.13	0.1	0.08	0.05	0.03	0.01	2.56	1.14	0.81	0.6	0.44	0.31
2.19	3.87	3.76	3.7	3.86	1.08	2.66	1.29	0.94	0.7	0.51	0.35	0.25	0.19	0.15	0.13	0.1	0.08	0.05	0.03	0.01	2.8	1.35	0.98	0.73	0.52	0.36
1.69	3.73	3.6	3.61	3.86	1.08	2.93	1.54	1.14	0.86	0.61	0.42	0.29	0.2	0.16	0.13	0.1	0.08	0.05	0.03	0.01	3.08	1.61	1.19	0.89	0.64	0.43
1.67	3.7	3.55	3.63	3.89	1.09	3.22	1.83	1.38	1.05	0.75	0.51	0.34	0.23	0.16	0.13	0.1	0.08	0.05	0.02	0.01	3.4	1.92	1.44	1.1	0.78	0.53
2.13	3.69	3.53	3.6	3.89	1.09	3.54	2.16	1.66	1.28	0.93	0.63	0.41	0.26	0.18	0.13	0.1	0.07	0.04	0.02	0.01	3.75	2.27	1.74	1.34	0.96	0.65
1.97	3.68	3.53	3.61	3.89	1.09	3.88	2.51	1.97	1.55	1.13	0.77	0.49	0.31	0.2	0.14	0.1	0.07	0.04	0.02	0.01	4.11	2.65	2.07	1.62	1.18	0.8
1.69	3.76	3.57	3.59	3.88	1.08	4.21	2.88	2.31	1.84	1.36	0.95	0.61	0.38	0.23	0.15	0.1	0.07	0.04	0.02	0.01	4.48	3.05	2.44	1.93	1.43	0.99
2.2	3.76	3.56	3.57	3.89	1.08	4.53	3.25	2.65	2.14	1.61	1.14	0.74	0.45	0.27	0.17	0.11	0.07	0.04	0.02	0.01	4.83	3.44	2.81	2.26	1.69	1.19
2.15	3.72	3.52	3.59	3.93	1.08	4.83	3.6	2.99	2.45	1.88	1.34	0.88	0.54	0.32	0.19	0.11	0.07	0.04	0.02	0.01	5.17	3.84	3.18	2.6	1.98	1.41
2.14	3.71	3.52	3.59	3.92	1.08	5.09	3.92	3.31	2.75	2.14	1.56	1.04	0.65	0.37	0.21	0.12	0.06	0.03	0.02	0.01	5.47	4.2	3.53	2.93	2.27	1.64
1.97	3.72	3.56	3.59	3.94	1.07	5.32	4.22	3.6	3.04	2.41	1.78	1.21	0.76	0.44	0.24	0.12	0.06	0.03	0.01	0.008	5.73	4.53	3.86	3.24	2.56	1.89
1.82	3.74	3.54	3.62	3.93	1.07	5.5	4.46	3.86	3.29	2.65	2	1.38	0.88	0.51	0.27	0.13	0.06	0.03	0.01	0.007	5.94	4.81	4.15	3.53	2.83	2.12
1.99	3.74	3.54	3.62	3.94	1.06	5.63	4.66	4.08	3.52	2.87	2.2	1.55	1	0.59	0.31	0.14	0.06	0.02	0.01	0.006	6.11	5.05	4.4	3.79	3.08	2.35
1.85	3.73	3.54	3.63	3.95	1.06	5.73	4.82	4.26	3.72	3.08	2.4	1.72	1.14	0.68	0.35	0.16	0.06	0.02	0.01	0.004	6.25	5.24	4.62	4.02	3.32	2.57
2.04	3.72	3.55	3.64	3.91	1.05	5.81	4.94	4.4	3.88	3.26	2.58	1.89	1.27	0.77	0.4	0.18	0.06	0.02	0.01	0.002	6.35	5.39	4.79	4.21	3.52	2.78
2.29	3.93	3.71	3.77	3.92	1.04	5.86	5.04	4.52																		

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.72	3.68	3.51	3.61	3.92	1.01	6.02	5.27	4.9	4.61	4.31	3.98	3.61	3.2	2.72	2.16	1.54	0.94	0.46	0.18	0.06	6.54	5.71	5.31	5	4.66	4.3
2.36	3.69	3.55	3.61	3.91	1.01	6.02	5.28	4.91	4.62	4.32	3.99	3.63	3.21	2.74	2.18	1.56	0.96	0.47	0.18	0.07	6.53	5.72	5.32	5	4.66	4.3
2.45	3.78	3.74	3.7	3.93	1.02	6.02	5.29	4.92	4.63	4.32	3.99	3.63	3.22	2.75	2.2	1.58	0.98	0.48	0.19	0.07	6.52	5.72	5.32	5	4.66	4.31
2.09	3.75	3.67	3.63	3.93	1.02	6.01	5.28	4.92	4.63	4.32	3.99	3.64	3.23	2.76	2.21	1.6	0.99	0.49	0.2	0.07	6.5	5.71	5.31	5	4.66	4.3
1.8	3.72	3.53	3.62	3.88	1.03	5.99	5.27	4.91	4.62	4.32	3.99	3.64	3.23	2.77	2.23	1.61	1	0.5	0.2	0.07	6.48	5.69	5.3	4.99	4.65	4.3
2.24	3.7	3.56	3.6	3.9	1.04	5.97	5.25	4.9	4.61	4.31	3.98	3.63	3.23	2.78	2.24	1.63	1.01	0.51	0.2	0.07	6.45	5.67	5.28	4.97	4.64	4.29
1.67	3.66	3.53	3.61	3.87	1.04	5.95	5.23	4.88	4.6	4.3	3.98	3.63	3.23	2.79	2.25	1.64	1.02	0.51	0.21	0.07	6.43	5.64	5.26	4.95	4.63	4.27
1.9	3.67	3.53	3.6	3.89	1.05	5.94	5.21	4.87	4.58	4.29	3.97	3.62	3.23	2.79	2.26	1.65	1.03	0.52	0.21	0.07	6.41	5.62	5.24	4.94	4.61	4.26
2.22	3.67	3.53	3.58	3.91	1.05	5.93	5.19	4.85	4.57	4.28	3.96	3.61	3.23	2.79	2.26	1.65	1.03	0.52	0.21	0.07	6.39	5.59	5.22	4.92	4.6	4.25
2.37	3.69	3.55	3.57	3.91	1.05	5.92	5.18	4.84	4.56	4.27	3.95	3.61	3.22	2.79	2.26	1.66	1.04	0.52	0.21	0.07	6.39	5.58	5.21	4.91	4.58	4.24
2.4	3.68	3.52	3.59	3.92	1.05	5.91	5.16	4.82	4.55	4.26	3.94	3.6	3.22	2.78	2.26	1.66	1.04	0.52	0.21	0.07	6.38	5.56	5.2	4.9	4.58	4.23
2.15	3.7	3.53	3.59	3.91	1.05	5.91	5.15	4.81	4.54	4.25	3.94	3.59	3.21	2.78	2.26	1.66	1.04	0.53	0.22	0.07	6.38	5.55	5.18	4.89	4.57	4.23
1.98	3.72	3.53	3.63	3.91	1.05	5.9	5.14	4.8	4.53	4.24	3.93	3.58	3.2	2.77	2.25	1.65	1.04	0.53	0.22	0.07	6.37	5.54	5.18	4.88	4.56	4.22
2.21	3.7	3.53	3.61	3.93	1.05	5.89	5.13	4.79	4.52	4.23	3.92	3.57	3.19	2.76	2.24	1.64	1.03	0.52	0.22	0.07	6.37	5.54	5.17	4.88	4.56	4.22
2.21	3.66	3.52	3.63	3.89	1.05	5.87	5.12	4.78	4.51	4.22	3.91	3.56	3.18	2.74	2.22	1.63	1.02	0.52	0.21	0.07	6.37	5.54	5.17	4.88	4.55	4.21
1.94	3.66	3.5	3.61	3.91	1.05	5.85	5.1	4.76	4.5	4.21	3.89	3.55	3.16	2.72	2.2	1.62	1.01	0.52	0.21	0.06	6.37	5.54	5.17	4.88	4.55	4.21
2.04	3.66	3.5	3.6	3.9	1.04	5.84	5.1	4.76	4.49	4.2	3.88	3.53	3.14	2.7	2.18	1.6	1	0.51	0.21	0.06	6.37	5.54	5.17	4.88	4.55	4.2
1.52	3.68	3.53	3.6	3.94	1.04	5.82	5.09	4.75	4.49	4.19	3.87	3.52	3.12	2.68	2.16	1.58	0.98	0.5	0.21	0.06	6.37	5.55	5.18	4.89	4.55	4.2
1.85	3.7	3.53	3.61	3.9	1.03	5.81	5.09	4.75	4.49	4.18	3.86	3.5	3.1	2.66	2.14	1.55	0.97	0.49	0.2	0.06	6.38	5.57	5.19	4.89	4.56	4.2
1.97	3.7	3.54	3.65	3.91	1.02	5.81	5.1	4.76	4.49	4.18	3.86	3.49	3.09	2.63	2.11	1.53	0.95	0.48	0.2	0.06	6.39	5.58	5.2	4.9	4.56	4.2
2.1	3.74	3.54	3.61	3.92	1	5.82	5.11	4.76	4.49	4.18	3.85	3.48	3.07	2.61	2.09	1.51	0.94	0.48	0.2	0.06	6.4	5.6	5.22	4.91	4.56	4.19
2.21	3.68	3.52	3.59	3.88	0.99	5.83	5.12	4.77	4.49	4.18	3.85	3.47	3.05	2.59	2.07	1.49	0.93	0.47	0.19	0.06	6.41	5.61	5.22	4.91	4.56	4.18
1.2	3.67	3.5	3.62	3.9	0.97	5.84	5.13	4.78	4.5	4.18	3.84	3.46	3.04	2.57	2.05	1.47	0.91	0.46	0.19	0.06	6.43	5.62	5.23	4.91	4.56	4.18
1.7	3.67	3.5	3.6	3.86	0.96	5.86	5.15	4.8	4.51	4.19	3.84	3.46	3.03	2.55	2.03	1.45	0.9	0.46	0.19	0.06	6.43	5.62	5.23	4.91	4.55	4.17
1.43	3.68	3.55	3.61	3.88	0.94	5.89	5.16	4.81	4.52	4.19	3.84	3.45	3.01	2.53	2.01	1.44	0.89	0.45	0.19	0.06	6.44	5.62	5.23	4.91	4.54	4.15
1.87	3.65	3.51	3.56	3.79	0.92	5.91	5.17	4.82	4.53	4.2	3.84	3.44	3	2.52	1.99	1.42	0.88	0.45	0.19	0.06	6.44	5.62	5.22	4.9	4.53	4.14
2.15	3.63	3.48	3.58	3.9	0.91	5.92	5.19	4.83	4.53	4.2	3.85	3.44	2.99	2.5	1.97	1.4	0.87	0.44	0.19	0.06	6.42	5.6	5.2	4.88	4.51	4.12
1.89	3.62	3.49	3.57	3.93	0.9	5.94	5.2	4.84	4.54	4.21	3.85	3.43	2.98	2.48	1.95	1.38	0.85	0.44	0.19	0.06	6.41	5.59	5.19	4.86	4.5	4.1
2.05	3.63	3.48	3.56	3.91	0.89	5.95	5.21	4.85	4.55	4.21	3.85	3.43	2.97	2.47	1.92	1.36	0.84	0.43	0.19	0.05	6.38	5.57	5.17	4.85	4.48	4.08
2.09	3.62	3.48	3.58	3.83	0.89	5.96	5.22	4.86	4.56	4.22	3.85	3.43	2.96	2.45	1.9	1.34	0.82	0.42	0.19	0.05	6.35	5.55	5.15	4.83	4.46	4.06
1.37	3.63	3.49	3.6	3.87	0.89	5.97	5.24	4.87	4.57	4.23	3.86	3.43	2.95	2.43	1.88	1.31	0.8	0.41	0.18	0.05	6.33	5.53	5.13	4.81	4.44	4.04
1.82	3.63	3.48	3.62	3.88	0.89	5.99	5.26	4.89	4.59	4.24	3.86	3.43	2.94	2.41	1.86	1.29	0.78	0.4	0.18	0.05	6.31	5.52	5.11	4.79	4.42	4.02
1.94	3.65	3.48	3.59	3.9	0.89	6.02	5.29	4.91	4.61	4.26	3.87	3.43	2.93	2.4	1.83	1.26	0.76	0.38	0.17	0.04	6.29	5.51	5.1	4.78	4.41	4
1.47	3.63	3.5	3.6	3.9	0.89	6.05	5.32	4.93	4.63	4.27	3.88	3.43	2.93	2.38	1.81	1.23	0.74	0.37	0.16	0.04	6.27	5.49	5.08	4.77	4.39	3.98
1.75	3.64	3.51	3.6	3.91	0.9	6.09	5.35	4.96	4.65	4.29	3.89	3.44	2.92	2.37	1.78	1.21	0.72	0.36	0.16	0.04	6.25	5.48	5.07	4.75	4.37	3.96
1.9	3.66	3.52	3.61	3.91	0.91	6.13	5.38	4.98	4.67	4.31	3.91	3.44	2.92	2.35	1.76	1.18	0.69	0.35	0.15	0.03	6.24	5.47	5.05	4.73	4.36	3.94
1.63	3.63	3.5	3.6	3.88	0.92	6.17	5.42	5.01	4.7	4.33	3.92	3.45	2.91	2.33	1.73	1.15	0.67	0.33	0.15	0.03	6.22	5.45	5.03	4.71	4.34	3.93
1.76	3.72	3.55	3.6	3.88	0.93	6.22	5.45	5.04	4.72	4.35	3.93	3.45	2.91	2.32	1.7	1.12	0.65	0.32	0.14	0.03	6.21	5.44	5.02	4.7	4.32	3.91
1.73	3.89	3.71	3.68	3.93	0.94	6.26	5.49	5.07	4.75	4.37	3.95	3.46	2.9	2.3	1.68	1.09	0.63	0.31	0.13	0.03	6.21	5.43	5.01	4.69	4.31	3.9
2.19	3.75	3.66	3.69	3.89	0.95	6.31	5.53	5.11	4.78	4.39	3.97	3.47	2.9	2.28	1.65	1.06	0.6	0.3	0.13	0.02	6.21	5.43	5.01	4.68	4.3	3.89
2.21	3.67	3.51	3.61	3.89	0.97	6.37	5.57	5.14	4.81	4.42	3.99	3.48	2.9	2.27	1.62	1.03	0.58	0.28	0.12	0.02	6.22	5.44	5.02	4.69	4.3	3.89
1.87	3.67	3.5	3.61	3.89	0.99	6.43	5.62	5.19	4.85	4.45	4.01	3.49	2.9	2.25	1.59	1	0.56	0.27	0.11	0.02	6.25	5.46	5.04	4.7	4.31	3.89
1.22	3.69	3.53	3.63	3.87	1.01	6.49	5.68	5.24	4.88	4.48	4.03	3.51	2.89	2.23	1.56	0.97	0.53	0.26	0.11	0.01	6.28	5.48	5.06	4.72	4.32	3.89
1.89	3.7	3.54	3.65	3.91	1.02	6.55	5.73	5.28	4.92	4.51	4.05	3.51	2.88	2.21	1.53	0.94	0.51	0.24	0.1	0.01	6.32	5.52	5.09	4.74	4.34	3.9
1.69	3.69	3.55	3.63	3.93	1.04	6.61	5.78	5.33	4.95	4.53	4.07	3.52	2.88	2.18	1.5	0.91	0.49	0.23	0.09	0.01	6.36	5.55	5.11	4.76	4.35	3.91
2.01	3.69	3.54	3.62	3.92	1.06	6.66	5.82	5.36	4.98	4.55	4.08	3.51	2.86	2.16	1.47	0.89	0.47	0.22	0.08	0.01	6.39	5.58	5.14	4.77	4.36	3.91
2	3.67	3.53	3.62	3.94	1.07	6.71	5.85	5.39	5	4.56	4.08	3.51	2.84	2.13	1.44	0.86	0.45	0.21	0.08	0.01	6.43	5.6	5.16	4.78	4.37	3.91
1.66	3.71	3.54	3.63	3.9	1.08	6.74	5.88	5.41	5.01	4.57	4.08	3.49	2.82	2.1	1.42	0.84	0.44	0.2	0.07	0.01	6.45	5.62	5.17	4.79	4.37	3.9
2.02	3.72	3.57	3.63	3.89	1.09	6.78	5.9	5.42	5.02	4.57	4.07	3.48	2.8	2.08	1.39	0.82	0.43	0.19	0.07	0.01	6.48	5.64	5.18	4.79	4.36	3.89
1.86	3.7	3.57	3.63	3.91	1.1	6.8	5.91	5.43	5.02	4.56	4.06	3.45	2.77	2.05	1.37	0.81	0.42	0.18	0							

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.95	3.7	3.52	3.53	3.87	0.94	6.53	5.65	5.18	4.77	4.29	3.76	3.17	2.56	1.97	1.4	0.88	0.46	0.18	0.05	0.01	6.7	5.77	5.28	4.85	4.35	3.81
1.84	3.69	3.51	3.58	3.86	0.94	6.53	5.64	5.18	4.76	4.29	3.77	3.18	2.58	1.99	1.42	0.9	0.47	0.18	0.05	0.01	6.68	5.75	5.26	4.83	4.34	3.81
1.98	3.7	3.55	3.59	3.87	0.94	6.55	5.65	5.19	4.77	4.3	3.79	3.21	2.62	2.02	1.45	0.92	0.48	0.19	0.06	0.01	6.67	5.74	5.25	4.83	4.34	3.82
2.05	3.7	3.54	3.58	3.91	0.94	6.57	5.67	5.2	4.78	4.32	3.81	3.25	2.65	2.06	1.48	0.95	0.49	0.19	0.06	0.01	6.67	5.73	5.25	4.83	4.35	3.83
1.74	3.7	3.52	3.57	3.9	0.95	6.61	5.69	5.22	4.8	4.34	3.85	3.29	2.7	2.11	1.52	0.97	0.5	0.2	0.06	0.01	6.69	5.74	5.25	4.83	4.36	3.85
2	3.68	3.52	3.6	3.88	0.95	6.65	5.72	5.24	4.82	4.37	3.88	3.33	2.75	2.15	1.56	1	0.52	0.2	0.06	0.01	6.71	5.75	5.26	4.84	4.38	3.88
2.19	3.69	3.51	3.58	3.89	0.96	6.7	5.75	5.26	4.85	4.4	3.91	3.37	2.79	2.2	1.6	1.02	0.53	0.21	0.06	0.01	6.73	5.76	5.26	4.85	4.39	3.9
2.06	3.69	3.51	3.59	3.89	0.97	6.73	5.78	5.28	4.86	4.42	3.94	3.41	2.84	2.25	1.64	1.05	0.54	0.21	0.06	0.01	6.74	5.77	5.27	4.85	4.4	3.92
1.99	3.7	3.52	3.62	3.91	0.98	6.75	5.79	5.29	4.88	4.43	3.96	3.44	2.88	2.29	1.67	1.07	0.55	0.21	0.06	0.01	6.75	5.77	5.27	4.85	4.4	3.94
2.05	3.71	3.53	3.6	3.9	0.99	6.77	5.8	5.3	4.88	4.44	3.98	3.47	2.91	2.32	1.7	1.09	0.56	0.21	0.06	0.01	6.75	5.77	5.26	4.85	4.41	3.95
1.58	3.71	3.54	3.61	3.91	1	6.76	5.8	5.29	4.88	4.44	3.99	3.48	2.94	2.35	1.73	1.1	0.57	0.22	0.06	0.01	6.73	5.76	5.25	4.84	4.4	3.95
1.44	3.68	3.51	3.6	3.91	1.01	6.75	5.79	5.28	4.87	4.43	3.99	3.49	2.95	2.37	1.74	1.11	0.57	0.22	0.07	0.01	6.72	5.75	5.24	4.83	4.39	3.95
1.62	3.69	3.65	3.59	3.86	1.02	6.74	5.78	5.27	4.86	4.43	3.99	3.49	2.96	2.38	1.76	1.12	0.57	0.22	0.07	0.01	6.71	5.75	5.24	4.83	4.39	3.95
2.01	3.82	3.87	3.65	3.92	1.03	6.73	5.79	5.28	4.86	4.43	3.99	3.5	2.97	2.39	1.77	1.13	0.57	0.22	0.07	0.01	6.71	5.76	5.24	4.83	4.4	3.96
1.49	3.72	3.61	3.63	3.91	1.04	6.73	5.8	5.28	4.87	4.44	3.99	3.5	2.98	2.4	1.77	1.13	0.57	0.22	0.07	0.02	6.72	5.78	5.26	4.84	4.41	3.97
1.76	3.72	3.54	3.6	3.91	1.05	6.74	5.81	5.29	4.87	4.44	4	3.51	2.98	2.4	1.77	1.13	0.57	0.22	0.07	0.02	6.75	5.81	5.28	4.86	4.43	3.98
1.75	3.7	3.55	3.63	3.85	1.05	6.76	5.82	5.3	4.88	4.45	4	3.51	2.98	2.39	1.77	1.12	0.57	0.22	0.07	0.02	6.79	5.83	5.3	4.88	4.44	3.99
1.99	3.72	3.58	3.62	3.89	1.05	6.76	5.82	5.3	4.88	4.44	3.99	3.5	2.97	2.38	1.75	1.11	0.56	0.21	0.07	0.02	6.81	5.85	5.31	4.89	4.45	3.99
1.91	3.72	3.56	3.64	3.91	1.05	6.74	5.81	5.29	4.86	4.43	3.98	3.49	2.95	2.36	1.73	1.1	0.56	0.21	0.07	0.02	6.81	5.85	5.31	4.89	4.44	3.99
2.04	3.7	3.56	3.65	3.9	1.04	6.7	5.77	5.26	4.84	4.4	3.95	3.46	2.92	2.33	1.7	1.08	0.55	0.2	0.06	0.02	6.79	5.82	5.29	4.87	4.42	3.97
2.26	3.69	3.56	3.65	3.92	1.03	6.65	5.73	5.21	4.8	4.37	3.92	3.43	2.89	2.3	1.67	1.05	0.53	0.2	0.06	0.02	6.74	5.78	5.25	4.83	4.39	3.94
1.81	3.67	3.56	3.6	3.89	1.02	6.59	5.68	5.17	4.75	4.33	3.88	3.39	2.85	2.26	1.63	1.02	0.52	0.19	0.06	0.01	6.69	5.74	5.21	4.79	4.35	3.9
1.41	3.73	3.59	3.57	3.92	1.01	6.54	5.63	5.13	4.72	4.29	3.85	3.36	2.81	2.21	1.59	0.99	0.5	0.18	0.06	0.01	6.63	5.69	5.17	4.75	4.31	3.87
2	3.72	3.57	3.62	3.89	1	6.5	5.59	5.09	4.69	4.26	3.82	3.32	2.77	2.17	1.55	0.96	0.48	0.18	0.06	0.01	6.59	5.65	5.13	4.72	4.28	3.83
2.27	3.72	3.54	3.59	3.87	0.99	6.48	5.58	5.07	4.67	4.24	3.8	3.29	2.73	2.13	1.51	0.92	0.46	0.17	0.05	0.01	6.57	5.63	5.11	4.69	4.26	3.81
1.91	3.68	3.5	3.58	3.83	0.98	6.48	5.57	5.07	4.66	4.23	3.78	3.27	2.7	2.08	1.46	0.89	0.44	0.16	0.05	0.01	6.56	5.62	5.1	4.68	4.25	3.79
1.59	3.65	3.49	3.61	3.89	0.97	6.49	5.58	5.07	4.66	4.23	3.77	3.25	2.67	2.04	1.42	0.85	0.41	0.15	0.05	0.01	6.57	5.63	5.1	4.68	4.24	3.78
2.22	3.66	3.52	3.62	3.85	0.96	6.51	5.59	5.08	4.66	4.22	3.76	3.23	2.63	2	1.37	0.81	0.39	0.14	0.04	0.01	6.59	5.64	5.11	4.68	4.24	3.77
2.31	3.67	3.54	3.6	3.93	0.96	6.53	5.61	5.09	4.67	4.22	3.75	3.21	2.6	1.96	1.33	0.77	0.37	0.13	0.04	0.01	6.62	5.65	5.12	4.69	4.23	3.76
2.24	3.69	3.57	3.63	3.89	0.96	6.55	5.61	5.1	4.67	4.22	3.74	3.19	2.56	1.91	1.28	0.74	0.35	0.12	0.04	0.01	6.64	5.66	5.12	4.69	4.23	3.74
1.87	3.7	3.57	3.63	3.93	0.95	6.57	5.61	5.1	4.67	4.21	3.72	3.16	2.53	1.87	1.24	0.7	0.33	0.11	0.03	0.008	6.65	5.66	5.12	4.68	4.22	3.72
2.17	3.68	3.56	3.62	3.9	0.95	6.58	5.61	5.1	4.66	4.2	3.7	3.13	2.48	1.82	1.2	0.67	0.31	0.1	0.03	0.007	6.66	5.66	5.12	4.68	4.2	3.7
2.07	3.67	3.52	3.62	3.9	0.95	6.59	5.62	5.1	4.66	4.19	3.68	3.09	2.44	1.77	1.15	0.64	0.29	0.1	0.03	0.006	6.66	5.65	5.12	4.67	4.19	3.68
1.99	3.67	3.52	3.59	3.92	0.95	6.61	5.62	5.1	4.65	4.18	3.66	3.06	2.39	1.73	1.11	0.61	0.27	0.09	0.03	0.005	6.67	5.65	5.12	4.66	4.18	3.65
2.05	3.67	3.52	3.59	3.92	0.95	6.63	5.64	5.11	4.65	4.17	3.63	3.02	2.34	1.68	1.07	0.57	0.26	0.08	0.02	0.004	6.69	5.66	5.12	4.65	4.16	3.62
2.05	3.73	3.55	3.62	3.91	0.95	6.67	5.66	5.12	4.66	4.15	3.61	2.97	2.29	1.62	1.02	0.55	0.24	0.08	0.02	0.004	6.71	5.67	5.12	4.65	4.14	3.59
1.79	3.66	3.5	3.61	3.88	0.95	6.71	5.68	5.13	4.65	4.14	3.57	2.93	2.24	1.57	0.97	0.52	0.23	0.07	0.02	0.003	6.73	5.67	5.11	4.63	4.11	3.55
2.09	3.67	3.53	3.63	3.9	0.95	6.75	5.7	5.13	4.65	4.12	3.54	2.87	2.17	1.51	0.93	0.49	0.22	0.06	0.02	0.003	6.75	5.67	5.1	4.61	4.08	3.5
2.12	3.69	3.55	3.6	3.93	0.96	6.78	5.71	5.13	4.63	4.09	3.49	2.82	2.11	1.45	0.88	0.46	0.2	0.06	0.01	0.003	6.76	5.67	5.09	4.59	4.05	3.45
1.88	3.76	3.65	3.69	3.91	0.96	6.8	5.71	5.12	4.61	4.06	3.45	2.76	2.05	1.39	0.84	0.43	0.19	0.05	0.01	0.002	6.76	5.65	5.06	4.56	4	3.4
2.16	3.72	3.61	3.61	3.93	0.97	6.82	5.71	5.11	4.59	4.02	3.39	2.69	1.98	1.33	0.79	0.41	0.17	0.05	0.01	0.002	6.76	5.64	5.04	4.53	3.96	3.34
1.9	3.67	3.54	3.59	3.91	0.98	6.83	5.7	5.09	4.56	3.98	3.34	2.63	1.91	1.27	0.75	0.38	0.16	0.04	0.01	0.001	6.76	5.63	5.02	4.5	3.91	3.29
1.73	3.65	3.52	3.6	3.91	0.99	6.85	5.7	5.08	4.54	3.94	3.29	2.57	1.85	1.22	0.71	0.36	0.15	0.04	0.01	0.001	6.77	5.62	5.01	4.47	3.88	3.24
2.16	3.66	3.54	3.61	3.91	1.01	6.87	5.7	5.07	4.52	3.9	3.24	2.51	1.79	1.16	0.67	0.33	0.13	0.03	0.01	0	6.8	5.63	5	4.45	3.84	3.19
2.24	3.7	3.53	3.63	3.9	1.02	6.89	5.71	5.07	4.5	3.87	3.19	2.46	1.74	1.12	0.63	0.31	0.12	0.03	0.009	0	6.83	5.65	5	4.44	3.82	3.15
1.44	3.74	3.65	3.66	3.92	1.03	6.92	5.73	5.07	4.49	3.84	3.15	2.41	1.69	1.07	0.6	0.29	0.11	0.02	0.008	0	6.87	5.67	5.01	4.44	3.8	3.11
2.21	3.79	3.75	3.7	3.91	1.05	6.94	5.74	5.06	4.48	3.81	3.11	2.36	1.64	1.03	0.57	0.27	0.1	0.02	0.007	0	6.9	5.7	5.02	4.43	3.78	3.08
1.68	3.71	3.57	3.64	3.89	1.06	6.94	5.74	5.05	4.46	3.78	3.06	2.31	1.59	0.99	0.54	0.25	0.09	0.02	0.007	0	6.93	5.71	5.03	4.43	3.75	3.04
2.1	3.7	3.55	3.64	3.93	1.07	6.93	5.72	5.03	4.43	3.74	3.02	2.26	1.55	0.96	0.52	0.24	0.09	0.02	0.006	-0.001	6.94	5.72	5.03	4.41	3.73	3.01
1.7	3.71	3.56	3.64	3.91	1.07	6.9	5.69	5	4.39	3.7	2.97	2.22	1.52	0.93	0.5	0.23										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.37	3.69	3.57	3.62	3.92	0.9	6.05	5.15	4.61	4.14	3.63	3.07	2.43	1.74	1.11	0.6	0.26	0.09	0.01	0.004	0.002	6.54	5.54	4.95	4.44	3.88	3.26
1.18	3.69	3.54	3.6	3.9	0.9	6.1	5.19	4.64	4.16	3.63	3.05	2.39	1.71	1.08	0.58	0.25	0.09	0.01	0.004	0.002	6.55	5.54	4.95	4.42	3.85	3.22
2.21	3.67	3.52	3.58	3.91	0.91	6.16	5.23	4.67	4.17	3.63	3.03	2.36	1.67	1.05	0.56	0.25	0.09	0.01	0.004	0.002	6.56	5.55	4.95	4.41	3.82	3.18
2.05	3.68	3.49	3.62	3.89	0.92	6.23	5.28	4.7	4.18	3.62	3	2.31	1.62	1.02	0.55	0.24	0.09	0.01	0.004	0.003	6.59	5.57	4.95	4.4	3.79	3.13
1.63	3.65	3.51	3.58	3.9	0.93	6.31	5.33	4.73	4.19	3.6	2.96	2.27	1.58	0.99	0.53	0.24	0.09	0.01	0.004	0.003	6.63	5.59	4.95	4.38	3.75	3.08
1.88	3.66	3.51	3.6	3.9	0.94	6.39	5.38	4.76	4.2	3.59	2.93	2.22	1.54	0.96	0.52	0.24	0.09	0.02	0.005	0.003	6.66	5.6	4.95	4.35	3.71	3.02
1.98	3.65	3.51	3.58	3.9	0.95	6.46	5.43	4.78	4.2	3.56	2.88	2.17	1.49	0.93	0.51	0.24	0.09	0.02	0.005	0.003	6.69	5.61	4.94	4.32	3.66	2.95
2.03	3.68	3.48	3.61	3.9	0.97	6.52	5.46	4.8	4.19	3.52	2.83	2.12	1.45	0.91	0.5	0.24	0.09	0.02	0.006	0.002	6.71	5.6	4.92	4.28	3.6	2.89
1.92	3.69	3.51	3.6	3.92	0.98	6.58	5.48	4.8	4.17	3.49	2.78	2.07	1.42	0.89	0.5	0.24	0.09	0.02	0.007	0.002	6.72	5.59	4.89	4.24	3.53	2.82
2.27	3.74	3.64	3.63	3.91	0.99	6.62	5.51	4.81	4.15	3.45	2.74	2.02	1.39	0.87	0.49	0.24	0.09	0.02	0.008	0.001	6.72	5.57	4.86	4.19	3.48	2.75
2.26	3.71	3.58	3.62	3.91	0.99	6.67	5.53	4.82	4.15	3.42	2.7	1.99	1.36	0.86	0.49	0.25	0.09	0.02	0.008	0.001	6.72	5.56	4.84	4.16	3.42	2.7
1.84	3.69	3.53	3.59	3.88	1	6.72	5.57	4.85	4.15	3.4	2.67	1.96	1.34	0.86	0.49	0.25	0.09	0.02	0.009	0.001	6.72	5.56	4.84	4.14	3.39	2.66
1.28	3.68	3.51	3.58	3.89	1.01	6.77	5.62	4.89	4.17	3.4	2.65	1.94	1.33	0.85	0.49	0.25	0.09	0.02	0.009	0.001	6.74	5.58	4.85	4.13	3.37	2.62
1.85	3.68	3.52	3.6	3.92	1.02	6.83	5.69	4.94	4.2	3.41	2.65	1.93	1.32	0.84	0.49	0.24	0.09	0.02	0.009	0.001	6.76	5.61	4.87	4.14	3.36	2.6
2	3.69	3.57	3.62	3.92	1.02	6.9	5.76	5	4.25	3.43	2.65	1.92	1.31	0.84	0.49	0.24	0.09	0.02	0.008	0.001	6.79	5.66	4.9	4.16	3.36	2.6
1.72	3.71	3.55	3.63	3.92	1.03	6.96	5.84	5.06	4.3	3.46	2.66	1.93	1.31	0.83	0.48	0.23	0.09	0.02	0.007	0.002	6.82	5.7	4.94	4.19	3.38	2.59
2.06	3.71	3.55	3.63	3.94	1.03	7.02	5.9	5.12	4.35	3.5	2.68	1.93	1.31	0.83	0.48	0.23	0.08	0.01	0.006	0.002	6.84	5.74	4.98	4.22	3.39	2.6
2.28	3.74	3.58	3.64	3.94	1.03	7.06	5.95	5.17	4.39	3.53	2.69	1.94	1.31	0.83	0.47	0.22	0.08	0.01	0.006	0.003	6.85	5.76	5	4.24	3.41	2.61
2.01	3.72	3.57	3.61	3.87	1.03	7.08	5.98	5.21	4.42	3.55	2.71	1.94	1.31	0.83	0.47	0.22	0.08	0.01	0.005	0.003	6.85	5.77	5.02	4.26	3.42	2.61
2.07	3.72	3.59	3.61	3.85	1.03	7.09	6	5.22	4.44	3.56	2.71	1.94	1.31	0.82	0.47	0.22	0.07	0.01	0.005	0.003	6.83	5.76	5.01	4.26	3.42	2.61
1.86	3.72	3.57	3.62	3.9	1.03	7.09	6	5.23	4.44	3.56	2.72	1.95	1.31	0.82	0.46	0.21	0.07	0.01	0.004	0.003	6.81	5.74	5	4.25	3.41	2.6
1.61	3.71	3.55	3.6	3.9	1.03	7.09	5.99	5.22	4.43	3.56	2.71	1.94	1.31	0.82	0.46	0.21	0.07	0.01	0.004	0.003	6.8	5.72	4.98	4.23	3.39	2.59
1.87	3.71	3.54	3.6	3.88	1.03	7.09	5.97	5.2	4.41	3.54	2.7	1.93	1.31	0.82	0.46	0.21	0.07	0.01	0.004	0.002	6.78	5.69	4.95	4.19	3.36	2.57
2.02	3.69	3.53	3.6	3.92	1.02	7.1	5.95	5.17	4.38	3.51	2.68	1.92	1.3	0.82	0.46	0.22	0.07	0.01	0.005	0.002	6.78	5.66	4.91	4.16	3.33	2.54
2.26	3.69	3.54	3.6	3.9	1.02	7.11	5.94	5.15	4.35	3.48	2.65	1.91	1.3	0.82	0.46	0.22	0.07	0.01	0.005	0.002	6.77	5.63	4.87	4.11	3.29	2.51
2.17	3.7	3.54	3.61	3.89	1.02	7.12	5.92	5.12	4.31	3.44	2.62	1.89	1.29	0.82	0.46	0.22	0.07	0.01	0.005	0.001	6.77	5.6	4.83	4.07	3.25	2.48
2.31	3.7	3.54	3.62	3.93	1.02	7.13	5.91	5.09	4.28	3.41	2.6	1.87	1.28	0.82	0.47	0.22	0.08	0.01	0.005	0.001	6.76	5.58	4.79	4.03	3.21	2.45
2.48	3.73	3.56	3.63	3.89	1.01	7.14	5.9	5.07	4.25	3.38	2.57	1.86	1.27	0.81	0.47	0.22	0.08	0.02	0.006	0.001	6.76	5.56	4.76	3.99	3.18	2.42
2.13	3.7	3.54	3.59	3.89	1.01	7.15	5.9	5.05	4.23	3.36	2.55	1.84	1.27	0.81	0.47	0.22	0.08	0.02	0.006	0.001	6.75	5.54	4.74	3.97	3.15	2.4
2.08	3.7	3.53	3.6	3.86	1.01	7.16	5.9	5.05	4.23	3.35	2.55	1.84	1.26	0.81	0.47	0.23	0.08	0.02	0.006	0.001	6.75	5.54	4.73	3.96	3.14	2.39
1.98	3.74	3.6	3.62	3.91	1.01	7.18	5.92	5.07	4.25	3.36	2.55	1.84	1.26	0.81	0.47	0.23	0.08	0.02	0.007	0	6.75	5.54	4.74	3.97	3.15	2.39
2.01	3.86	3.79	3.68	3.93	1.01	7.2	5.95	5.1	4.29	3.39	2.57	1.85	1.27	0.81	0.47	0.23	0.08	0.02	0.007	0.001	6.76	5.56	4.76	3.99	3.17	2.41
1.56	3.71	3.55	3.59	3.92	1.01	7.23	6	5.16	4.35	3.45	2.62	1.88	1.28	0.82	0.47	0.23	0.08	0.02	0.007	0.001	6.78	5.59	4.8	4.04	3.22	2.45
1.96	3.68	3.53	3.61	3.89	1.01	7.27	6.05	5.23	4.42	3.53	2.69	1.93	1.31	0.84	0.48	0.23	0.09	0.02	0.007	0	6.8	5.63	4.86	4.11	3.28	2.51
1.98	3.68	3.54	3.58	3.92	1.01	7.3	6.11	5.3	4.51	3.62	2.77	1.99	1.35	0.86	0.49	0.24	0.09	0.02	0.007	0	6.83	5.68	4.92	4.19	3.37	2.58
1.97	3.69	3.55	3.6	3.9	1.02	7.33	6.16	5.38	4.61	3.73	2.87	2.07	1.4	0.89	0.5	0.24	0.09	0.02	0.007	0.001	6.84	5.72	4.98	4.27	3.46	2.67
2.09	3.72	3.59	3.63	3.91	1.02	7.34	6.2	5.44	4.7	3.83	2.97	2.16	1.47	0.93	0.52	0.25	0.09	0.02	0.007	0.001	6.85	5.75	5.04	4.35	3.55	2.76
2.13	3.69	3.56	3.62	3.9	1.03	7.35	6.24	5.51	4.8	3.95	3.1	2.26	1.55	0.98	0.55	0.26	0.1	0.02	0.007	0.001	6.85	5.78	5.1	4.44	3.66	2.87
1.92	3.69	3.55	3.58	3.91	1.03	7.35	6.26	5.57	4.88	4.06	3.22	2.38	1.64	1.04	0.58	0.27	0.1	0.02	0.007	0.001	6.84	5.81	5.15	4.51	3.76	2.98
2.15	3.71	3.58	3.64	3.89	1.03	7.35	6.29	5.62	4.96	4.18	3.35	2.5	1.74	1.11	0.63	0.29	0.11	0.02	0.007	0.002	6.84	5.83	5.2	4.59	3.87	3.1
2.03	3.76	3.62	3.64	3.93	1.04	7.35	6.31	5.66	5.04	4.28	3.47	2.63	1.84	1.18	0.67	0.31	0.11	0.02	0.006	0.003	6.84	5.84	5.24	4.66	3.96	3.21
2.2	3.73	3.56	3.64	3.88	1.04	7.35	6.33	5.7	5.1	4.38	3.59	2.75	1.95	1.26	0.71	0.33	0.12	0.03	0.006	0.003	6.84	5.86	5.27	4.71	4.05	3.32
2.35	3.72	3.6	3.6	3.94	1.04	7.36	6.35	5.74	5.16	4.47	3.7	2.87	2.06	1.34	0.76	0.35	0.13	0.03	0.006	0.004	6.84	5.88	5.3	4.77	4.13	3.42
1.9	3.71	3.53	3.63	3.92	1.04	7.37	6.37	5.77	5.21	4.55	3.81	2.99	2.17	1.43	0.81	0.38	0.13	0.03	0.006	0.005	6.85	5.89	5.33	4.82	4.2	3.52
2.11	3.71	3.53	3.63	3.91	1.05	7.38	6.38	5.8	5.26	4.61	3.9	3.1	2.27	1.51	0.86	0.4	0.14	0.03	0.007	0.005	6.86	5.91	5.36	4.86	4.26	3.6
2.19	3.71	3.54	3.62	3.86	1.05	7.39	6.39	5.82	5.29	4.67	3.98	3.19	2.37	1.59	0.92	0.43	0.16	0.03	0.008	0.006	6.87	5.92	5.38	4.89	4.32	3.68
2.14	3.68	3.54	3.62	3.91	1.05	7.38	6.39	5.82	5.31	4.71	4.04	3.28	2.46	1.66	0.97	0.46	0.17	0.04	0.009	0.006	6.87	5.92	5.39	4.91	4.36	3.74
1.93	3.69	3.55	3.61	3.91	1.05	7.37	6.38	5.82	5.32	4.74	4.09	3.34	2.54	1.73	1.02	0.49	0.18	0.04	0.01	0.006	6.85	5.91	5.39	4.92	4.38	3.79
1.79	3.72	3.57	3.62	3.89	1.05	7.34	6.35	5.81	5.32	4.75	4.13	3.4	2.6	1.8	1.07	0.52	0.19	0.05	0.01	0.006	6.83	5.89	5.38	4.92	4.4	3.82
2.05	3.7	3.53	3.59	3.91	1.05																					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.92	3.67	3.55	3.62	3.9	1.02	6.98	6.12	5.64	5.21	4.71	4.13	3.45	2.71	1.96	1.25	0.67	0.29	0.1	0.03	0.001	6.73	5.89	5.42	5.01	4.52	3.97
1.99	3.68	3.54	3.65	3.91	1.03	7	6.14	5.65	5.23	4.71	4.13	3.44	2.69	1.94	1.24	0.66	0.29	0.1	0.03	0.001	6.75	5.91	5.43	5.02	4.53	3.96
1.67	3.69	3.57	3.64	3.9	1.04	7.02	6.15	5.66	5.23	4.71	4.12	3.42	2.67	1.92	1.22	0.65	0.29	0.1	0.03	0.001	6.76	5.91	5.44	5.02	4.52	3.95
1.89	3.71	3.63	3.67	3.89	1.05	7.02	6.15	5.66	5.23	4.71	4.1	3.4	2.65	1.9	1.2	0.65	0.28	0.1	0.03	0.001	6.75	5.91	5.43	5.02	4.51	3.94
1.87	3.75	3.71	3.69	3.9	1.06	7.02	6.15	5.66	5.23	4.7	4.09	3.38	2.62	1.87	1.19	0.64	0.28	0.1	0.03	0.001	6.75	5.9	5.43	5.01	4.51	3.92
1.2	3.72	3.59	3.63	3.89	1.07	7.02	6.15	5.66	5.22	4.69	4.07	3.36	2.59	1.85	1.17	0.63	0.28	0.1	0.03	0.003	6.74	5.9	5.43	5.01	4.5	3.9
2.13	3.72	3.59	3.63	3.9	1.08	7.02	6.16	5.67	5.22	4.68	4.06	3.33	2.57	1.83	1.16	0.63	0.29	0.11	0.03	0.005	6.75	5.91	5.44	5.01	4.5	3.9
1.81	3.69	3.55	3.65	3.89	1.09	7.03	6.17	5.67	5.22	4.68	4.05	3.31	2.55	1.8	1.14	0.62	0.29	0.11	0.04	0.007	6.77	5.93	5.45	5.02	4.5	3.89
1.9	3.68	3.54	3.63	3.92	1.1	7.04	6.18	5.68	5.23	4.68	4.03	3.29	2.52	1.78	1.13	0.62	0.29	0.11	0.04	0.008	6.79	5.95	5.47	5.03	4.5	3.88
2.15	3.73	3.6	3.63	3.91	0.99	7.02	6.4	5.98	5.6	5.09	4.47	3.72	2.89	2.05	1.29	0.69	0.3	0.11	0.03	0.003	7.18	6.53	6.08	5.68	5.15	4.51
2.12	3.69	3.53	3.63	3.9	0.98	6.96	6.34	5.93	5.55	5.05	4.43	3.68	2.85	2.01	1.25	0.67	0.29	0.1	0.03	0.002	7.11	6.45	6.02	5.62	5.1	4.46
2.21	3.64	3.5	3.61	3.9	0.97	6.91	6.28	5.89	5.5	5.01	4.39	3.64	2.81	1.97	1.22	0.65	0.29	0.1	0.03	0.002	7.03	6.37	5.96	5.56	5.04	4.41
1.66	3.62	3.51	3.58	3.88	0.96	6.86	6.24	5.86	5.47	4.98	4.36	3.61	2.77	1.94	1.2	0.64	0.29	0.11	0.04	0.008	6.96	6.31	5.91	5.51	5	4.37
2.11	3.65	3.54	3.54	3.86	0.96	6.84	6.22	5.85	5.46	4.97	4.35	3.58	2.74	1.91	1.17	0.63	0.29	0.12	0.05	0.01	6.91	6.26	5.88	5.48	4.97	4.34
1.9	3.68	3.55	3.54	3.87	0.96	6.86	6.24	5.87	5.48	4.98	4.34	3.57	2.71	1.87	1.15	0.62	0.29	0.12	0.05	0.01	6.89	6.26	5.87	5.47	4.96	4.33
1.54	3.68	3.48	3.54	3.87	0.97	6.91	6.29	5.92	5.52	5	4.36	3.56	2.68	1.84	1.12	0.6	0.28	0.12	0.05	0.02	6.92	6.29	5.9	5.49	4.98	4.32
2.15	3.65	3.5	3.55	3.9	0.97	7	6.38	6	5.58	5.05	4.38	3.55	2.66	1.81	1.09	0.58	0.28	0.12	0.05	0.02	6.99	6.35	5.96	5.54	5.01	4.33
2.13	3.68	3.53	3.56	3.87	0.98	7.11	6.48	6.08	5.65	5.1	4.4	3.55	2.63	1.77	1.06	0.56	0.27	0.12	0.05	0.02	7.08	6.44	6.04	5.6	5.04	4.35
2.16	3.68	3.55	3.61	3.88	1	7.23	6.58	6.17	5.72	5.14	4.42	3.54	2.6	1.74	1.04	0.55	0.26	0.11	0.05	0.02	7.19	6.53	6.11	5.66	5.08	4.36
1.93	3.7	3.55	3.59	3.89	1.01	7.33	6.67	6.24	5.78	5.18	4.43	3.52	2.57	1.7	1.01	0.53	0.25	0.11	0.05	0.01	7.28	6.62	6.18	5.71	5.11	4.37
2.04	3.71	3.56	3.63	3.89	1.03	7.4	6.73	6.29	5.81	5.19	4.42	3.49	2.53	1.66	0.98	0.51	0.24	0.1	0.05	0.01	7.35	6.67	6.22	5.74	5.13	4.36
1.96	3.72	3.56	3.6	3.89	1.04	7.44	6.76	6.3	5.82	5.19	4.4	3.46	2.49	1.63	0.96	0.5	0.23	0.1	0.05	0.01	7.38	6.7	6.23	5.75	5.12	4.33
1.43	3.74	3.57	3.6	3.91	1.05	7.44	6.76	6.3	5.8	5.16	4.36	3.41	2.44	1.59	0.94	0.49	0.23	0.1	0.05	0.01	7.37	6.69	6.22	5.72	5.08	4.29
1.23	3.72	3.57	3.61	3.9	1.07	7.41	6.73	6.26	5.76	5.11	4.3	3.35	2.39	1.56	0.92	0.48	0.22	0.09	0.05	0.01	7.33	6.65	6.18	5.68	5.04	4.23
1.96	3.69	3.56	3.58	3.89	1.07	7.37	6.69	6.22	5.71	5.05	4.24	3.29	2.34	1.52	0.9	0.47	0.21	0.09	0.04	0.01	7.28	6.6	6.13	5.63	4.97	4.17
2.04	3.81	3.69	3.64	3.89	1.08	7.33	6.65	6.17	5.66	4.99	4.17	3.23	2.29	1.49	0.87	0.45	0.2	0.08	0.04	0.01	7.23	6.55	6.07	5.57	4.91	4.1
1.81	3.81	3.69	3.61	3.87	1.09	7.29	6.6	6.11	5.6	4.93	4.11	3.16	2.24	1.45	0.85	0.44	0.19	0.08	0.03	0.009	7.19	6.5	6.02	5.51	4.85	4.04
1.91	3.69	3.54	3.6	3.88	1.09	7.27	6.56	6.07	5.55	4.87	4.04	3.1	2.19	1.42	0.83	0.43	0.18	0.07	0.03	0.006	7.16	6.47	5.97	5.46	4.79	3.97
2.08	3.71	3.56	3.6	3.91	1.1	7.25	6.53	6.03	5.51	4.81	3.98	3.04	2.14	1.39	0.81	0.41	0.17	0.06	0.02	0.003	7.15	6.44	5.94	5.42	4.74	3.92
2.05	3.7	3.54	3.61	3.93	1.11	7.25	6.51	6	5.47	4.77	3.93	2.99	2.1	1.36	0.79	0.4	0.17	0.05	0.02	0	7.15	6.41	5.91	5.38	4.69	3.86
1.99	3.7	3.54	3.61	3.9	1.11	7.24	6.49	5.98	5.44	4.73	3.87	2.94	2.06	1.34	0.78	0.39	0.16	0.05	0.01	-0.001	7.15	6.4	5.9	5.36	4.66	3.82
1.99	3.71	3.55	3.63	3.91	1.12	7.24	6.48	5.96	5.41	4.69	3.83	2.89	2.02	1.31	0.76	0.38	0.16	0.05	0.01	-0.001	7.15	6.4	5.89	5.34	4.63	3.78
2.06	3.73	3.55	3.64	3.91	1.12	7.23	6.47	5.95	5.39	4.66	3.79	2.85	1.99	1.29	0.75	0.38	0.15	0.05	0.01	0	7.15	6.4	5.88	5.33	4.6	3.74
2.1	3.71	3.55	3.62	3.9	1.13	7.22	6.47	5.94	5.38	4.63	3.76	2.82	1.97	1.28	0.75	0.37	0.16	0.05	0.01	-0.001	7.16	6.41	5.89	5.33	4.59	3.72
2.29	3.7	3.56	3.63	3.89	1.13	7.21	6.47	5.94	5.36	4.61	3.73	2.8	1.95	1.27	0.74	0.37	0.16	0.05	0.02	0.001	7.17	6.43	5.9	5.33	4.58	3.7
2.2	3.73	3.58	3.61	3.92	1.13	7.2	6.47	5.93	5.35	4.59	3.71	2.78	1.94	1.26	0.73	0.37	0.16	0.05	0.02	0.004	7.18	6.45	5.91	5.33	4.57	3.69
1.85	3.7	3.61	3.62	3.93	1.13	7.19	6.47	5.92	5.34	4.57	3.69	2.76	1.92	1.25	0.73	0.37	0.16	0.06	0.02	0.007	7.2	6.47	5.93	5.34	4.57	3.68
1.94	3.79	3.62	3.64	3.92	1.13	7.18	6.46	5.91	5.32	4.55	3.67	2.75	1.91	1.24	0.72	0.36	0.16	0.06	0.03	0.009	7.21	6.49	5.93	5.34	4.56	3.68
2.13	3.86	3.7	3.63	3.93	1.13	7.16	6.44	5.88	5.29	4.52	3.65	2.73	1.9	1.23	0.71	0.36	0.16	0.07	0.03	0.01	7.23	6.5	5.93	5.33	4.55	3.67
1.45	3.72	3.61	3.63	3.9	1.12	7.14	6.41	5.84	5.25	4.49	3.62	2.72	1.89	1.22	0.7	0.35	0.16	0.07	0.03	0.01	7.23	6.5	5.92	5.32	4.54	3.66
1.91	3.69	3.57	3.61	3.87	1.12	7.09	6.36	5.79	5.2	4.45	3.59	2.7	1.88	1.21	0.69	0.35	0.16	0.07	0.03	0.01	7.22	6.47	5.89	5.29	4.52	3.64
1.46	3.69	3.55	3.61	3.91	1.11	7.04	6.29	5.72	5.14	4.4	3.56	2.68	1.86	1.19	0.67	0.34	0.15	0.06	0.03	0.01	7.2	6.43	5.85	5.25	4.49	3.62
2.36	3.7	3.59	3.64	3.9	1.11	6.96	6.21	5.65	5.07	4.35	3.52	2.65	1.84	1.17	0.66	0.33	0.15	0.06	0.02	0.01	7.15	6.38	5.8	5.2	4.45	3.6
2.32	3.7	3.56	3.63	3.94	1.1	6.88	6.13	5.57	5	4.29	3.48	2.62	1.82	1.15	0.65	0.32	0.14	0.06	0.02	0.01	7.1	6.32	5.75	5.16	4.41	3.57
1.9	3.7	3.58	3.63	3.89	1.09	6.79	6.05	5.5	4.94	4.24	3.44	2.59	1.8	1.13	0.63	0.31	0.13	0.05	0.02	0.009	7.05	6.27	5.7	5.11	4.38	3.55
2.31	3.72	3.59	3.61	3.9	1.08	6.71	5.98	5.44	4.89	4.2	3.41	2.56	1.77	1.11	0.62	0.3	0.13	0.05	0.02	0.008	6.99	6.23	5.66	5.08	4.35	3.52
2.03	3.71	3.53	3.56	3.86	1.06	6.64	5.93	5.4	4.85	4.17	3.38	2.53	1.74	1.09	0.6	0.29	0.12	0.04	0.01	0.007	6.95	6.2	5.64	5.06	4.34	3.51
2.05	3.68	3.49	3.59	3.91	1.05	6.59	5.89	5.37	4.83	4.14	3.36	2.51	1.72	1.07	0.59	0.28	0.12	0.04	0.01	0.006	6.94	6.19	5.63	5.06	4.33	3.49
1.97	3.72	3.55	3.6	3.91	1.04	6.57	5.88	5.36	4.82	4.13	3.34	2.48	1.69	1.04	0.57	0.28	0.12	0.04	0.01	0.005	6.94	6.2	5.64	5.07	4.33	3.48
2.11	3.68	3.54	3.6	3.87	1.03	6.57	5.89	5.36	4.82	4.13	3.32	2.46	1.66	1.02												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.98	3.8	3.65	3.63	3.9	0.97	6.5	5.53	4.83	4.12	3.31	2.5	1.79	1.22	0.81	0.5	0.29	0.15	0.07	0.03	0.01	6.75	5.72	4.99	4.24	3.39	2.56
1.85	3.94	3.81	3.74	3.9	0.97	6.48	5.49	4.79	4.08	3.27	2.48	1.77	1.22	0.81	0.51	0.29	0.16	0.07	0.03	0.01	6.73	5.68	4.94	4.19	3.35	2.53
1.75	3.74	3.68	3.73	3.88	0.97	6.47	5.47	4.75	4.04	3.23	2.45	1.75	1.22	0.82	0.52	0.3	0.16	0.08	0.04	0.01	6.71	5.64	4.9	4.15	3.31	2.5
1.52	3.67	3.57	3.65	3.89	0.97	6.46	5.44	4.72	4	3.19	2.42	1.74	1.21	0.82	0.52	0.31	0.17	0.08	0.04	0.01	6.69	5.61	4.85	4.1	3.26	2.47
2.21	3.72	3.63	3.6	3.88	0.97	6.46	5.42	4.68	3.96	3.16	2.39	1.72	1.21	0.82	0.53	0.31	0.17	0.08	0.04	0.01	6.68	5.58	4.82	4.06	3.23	2.44
2.55	3.71	3.63	3.65	3.87	0.97	6.46	5.4	4.66	3.93	3.12	2.37	1.71	1.21	0.83	0.53	0.32	0.17	0.08	0.04	0.01	6.67	5.56	4.78	4.02	3.19	2.41
2.17	3.65	3.52	3.61	3.87	0.97	6.46	5.38	4.63	3.9	3.1	2.35	1.7	1.2	0.83	0.54	0.32	0.17	0.08	0.04	0.01	6.67	5.53	4.75	3.99	3.16	2.39
2.31	3.66	3.5	3.61	3.87	0.97	6.45	5.37	4.62	3.88	3.08	2.34	1.69	1.2	0.83	0.54	0.32	0.17	0.08	0.04	0.01	6.66	5.52	4.74	3.97	3.15	2.38
2.02	3.67	3.51	3.58	3.9	0.97	6.45	5.37	4.61	3.88	3.08	2.33	1.7	1.2	0.84	0.54	0.32	0.17	0.08	0.04	0.01	6.65	5.52	4.73	3.96	3.14	2.37
1.6	3.65	3.52	3.58	3.89	0.98	6.44	5.37	4.61	3.88	3.09	2.34	1.7	1.21	0.84	0.55	0.33	0.17	0.08	0.03	0.01	6.64	5.52	4.73	3.97	3.15	2.38
1.57	3.66	3.53	3.6	3.88	0.98	6.42	5.37	4.62	3.9	3.11	2.36	1.72	1.23	0.85	0.56	0.33	0.17	0.08	0.03	0.008	6.63	5.53	4.74	3.99	3.17	2.41
1.25	3.69	3.57	3.62	3.9	0.98	6.42	5.38	4.64	3.92	3.14	2.4	1.75	1.25	0.87	0.57	0.33	0.17	0.07	0.03	0.007	6.63	5.54	4.77	4.02	3.21	2.44
1.49	3.67	3.52	3.63	3.88	0.98	6.41	5.39	4.66	3.96	3.18	2.44	1.78	1.27	0.88	0.58	0.34	0.18	0.07	0.03	0.006	6.63	5.56	4.8	4.06	3.25	2.48
1.83	3.67	3.52	3.63	3.89	0.99	6.39	5.41	4.69	4	3.23	2.49	1.83	1.3	0.9	0.59	0.34	0.18	0.07	0.03	0.006	6.63	5.58	4.83	4.11	3.31	2.54
1.94	3.67	3.53	3.6	3.89	0.99	6.38	5.42	4.72	4.05	3.29	2.54	1.87	1.34	0.92	0.6	0.35	0.18	0.07	0.03	0.006	6.63	5.6	4.87	4.16	3.37	2.6
1.97	3.67	3.53	3.59	3.92	0.98	6.36	5.43	4.76	4.09	3.34	2.6	1.93	1.37	0.95	0.61	0.36	0.18	0.07	0.02	0.006	6.63	5.63	4.91	4.22	3.43	2.66
2.08	3.67	3.5	3.6	3.92	0.98	6.35	5.44	4.79	4.14	3.41	2.67	1.98	1.42	0.97	0.63	0.36	0.19	0.07	0.02	0.006	6.62	5.65	4.96	4.27	3.5	2.73
1.99	3.68	3.51	3.59	3.91	0.98	6.34	5.47	4.83	4.2	3.47	2.74	2.05	1.46	1	0.64	0.37	0.19	0.07	0.02	0.006	6.62	5.68	5	4.34	3.57	2.81
1.98	3.66	3.51	3.59	3.87	0.97	6.35	5.5	4.87	4.26	3.55	2.81	2.12	1.52	1.04	0.66	0.38	0.19	0.08	0.02	0.007	6.64	5.72	5.05	4.41	3.65	2.89
1.78	3.67	3.51	3.58	3.91	0.96	6.36	5.53	4.92	4.32	3.62	2.89	2.19	1.57	1.08	0.68	0.39	0.2	0.08	0.02	0.007	6.66	5.76	5.1	4.47	3.73	2.97
2.18	3.67	3.53	3.6	3.89	0.95	6.39	5.57	4.97	4.39	3.69	2.97	2.26	1.63	1.11	0.71	0.41	0.2	0.08	0.02	0.007	6.68	5.8	5.15	4.54	3.8	3.04
2.27	3.67	3.52	3.58	3.88	0.95	6.42	5.61	5.02	4.45	3.76	3.04	2.33	1.69	1.16	0.73	0.42	0.21	0.08	0.03	0.007	6.71	5.83	5.19	4.59	3.87	3.12
2.02	3.65	3.52	3.57	3.9	0.94	6.45	5.65	5.06	4.51	3.83	3.12	2.4	1.75	1.2	0.76	0.44	0.22	0.08	0.03	0.007	6.73	5.86	5.24	4.65	3.94	3.2
2.04	3.68	3.56	3.53	3.9	0.93	6.49	5.68	5.1	4.56	3.9	3.2	2.48	1.82	1.26	0.8	0.46	0.23	0.09	0.03	0.007	6.75	5.88	5.27	4.7	4	3.27
2.07	3.65	3.51	3.57	3.89	0.92	6.51	5.71	5.14	4.61	3.96	3.27	2.55	1.88	1.31	0.84	0.48	0.24	0.09	0.03	0.007	6.76	5.9	5.3	4.74	4.06	3.34
2.05	3.66	3.49	3.58	3.88	0.92	6.54	5.74	5.18	4.66	4.03	3.35	2.63	1.96	1.37	0.88	0.51	0.26	0.1	0.04	0.008	6.77	5.91	5.32	4.78	4.11	3.41
2.15	3.65	3.5	3.59	3.92	0.91	6.57	5.77	5.23	4.72	4.09	3.42	2.71	2.04	1.44	0.93	0.54	0.27	0.11	0.04	0.008	6.78	5.93	5.35	4.82	4.17	3.47
2.04	3.73	3.6	3.57	3.87	0.91	6.61	5.81	5.28	4.78	4.17	3.51	2.8	2.12	1.51	0.99	0.58	0.29	0.12	0.04	0.009	6.8	5.95	5.39	4.87	4.23	3.55
2.27	3.7	3.59	3.58	3.87	0.91	6.65	5.87	5.34	4.85	4.25	3.6	2.9	2.22	1.6	1.05	0.61	0.31	0.12	0.04	0.009	6.82	5.99	5.44	4.92	4.3	3.63
2.3	3.63	3.52	3.59	3.85	0.91	6.71	5.94	5.42	4.92	4.34	3.69	3	2.32	1.68	1.12	0.65	0.33	0.13	0.05	0.009	6.87	6.05	5.5	4.99	4.38	3.72
2.18	3.68	3.48	3.57	3.87	0.92	6.79	6.02	5.5	5.01	4.43	3.8	3.11	2.43	1.78	1.19	0.7	0.35	0.14	0.05	0.01	6.92	6.11	5.57	5.06	4.47	3.82
1.85	3.67	3.5	3.58	3.88	0.92	6.86	6.11	5.58	5.1	4.53	3.9	3.23	2.54	1.87	1.26	0.74	0.37	0.14	0.05	0.01	6.98	6.18	5.64	5.14	4.55	3.91
1.62	3.67	3.53	3.58	3.87	0.92	6.94	6.19	5.67	5.19	4.63	4.01	3.34	2.65	1.97	1.34	0.79	0.39	0.15	0.05	0.01	7.03	6.24	5.7	5.21	4.63	4.01
1.75	3.69	3.55	3.58	3.9	0.93	7.01	6.26	5.74	5.27	4.72	4.11	3.44	2.76	2.07	1.41	0.84	0.41	0.16	0.05	0.01	7.07	6.28	5.76	5.27	4.71	4.09
2.12	3.69	3.55	3.58	3.92	0.94	7.07	6.32	5.81	5.35	4.8	4.2	3.55	2.86	2.17	1.5	0.89	0.43	0.16	0.05	0.01	7.09	6.31	5.8	5.32	4.77	4.17
2.23	3.7	3.54	3.61	3.88	0.94	7.11	6.36	5.87	5.41	4.88	4.29	3.65	2.97	2.28	1.58	0.94	0.46	0.17	0.05	0.01	7.1	6.33	5.83	5.37	4.83	4.24
2.09	3.65	3.5	3.57	3.89	0.95	7.15	6.4	5.93	5.47	4.95	4.37	3.74	3.07	2.38	1.66	1	0.49	0.18	0.06	0.01	7.1	6.33	5.85	5.4	4.87	4.3
2.11	3.64	3.53	3.57	3.89	0.96	7.19	6.44	5.98	5.53	5.01	4.45	3.83	3.17	2.47	1.75	1.06	0.52	0.19	0.06	0.01	7.09	6.34	5.87	5.42	4.91	4.35
1.8	3.68	3.54	3.59	3.8	0.97	7.22	6.48	6.03	5.59	5.07	4.52	3.92	3.27	2.57	1.83	1.11	0.55	0.2	0.06	0.01	7.09	6.34	5.89	5.45	4.95	4.4
1.29	3.65	3.5	3.61	3.86	0.98	7.26	6.52	6.08	5.64	5.14	4.59	4	3.35	2.66	1.9	1.17	0.57	0.21	0.07	0.01	7.09	6.35	5.91	5.48	4.98	4.45
1.76	3.67	3.5	3.57	3.88	0.99	7.31	6.57	6.13	5.7	5.19	4.65	4.07	3.43	2.74	1.97	1.21	0.6	0.22	0.07	0.02	7.1	6.36	5.93	5.5	5.01	4.49
2.04	3.68	3.53	3.56	3.91	1	7.35	6.62	6.18	5.74	5.25	4.71	4.13	3.5	2.8	2.03	1.25	0.62	0.22	0.07	0.02	7.1	6.38	5.95	5.52	5.04	4.53
1.89	3.67	3.53	3.58	3.9	1.02	7.39	6.65	6.21	5.78	5.29	4.76	4.18	3.55	2.86	2.08	1.29	0.63	0.23	0.08	0.02	7.1	6.38	5.95	5.53	5.06	4.55
2.35	3.8	3.72	3.68	3.87	1.04	7.4	6.67	6.22	5.8	5.31	4.78	4.21	3.59	2.89	2.1	1.3	0.64	0.23	0.08	0.02	7.08	6.37	5.94	5.53	5.06	4.56
2.34	3.82	3.71	3.66	3.94	1.05	7.4	6.68	6.23	5.81	5.32	4.8	4.23	3.61	2.91	2.13	1.32	0.65	0.24	0.08	0.02	7.05	6.35	5.92	5.51	5.05	4.56
2.08	3.74	3.59	3.62	3.91	1.07	7.41	6.68	6.23	5.81	5.33	4.81	4.25	3.63	2.93	2.14	1.33	0.66	0.24	0.08	0.02	7.03	6.33	5.9	5.5	5.05	4.56
1.93	3.7	3.58	3.63	3.87	1.08	7.41	6.68	6.23	5.82	5.35	4.83	4.26	3.65	2.95	2.16	1.34	0.66	0.24	0.08	0.02	7	6.31	5.88	5.5	5.05	4.56
1.63	3.7	3.54	3.62	3.86	1.09	7.41	6.69	6.24	5.83	5.36	4.85	4.28	3.66	2.96	2.17	1.35	0.66	0.25	0.08	0.01	6.99	6.3	5.88	5.5	5.05	4.57
2.08	3.69	3.54	3.62	3.86	1.11	7.42	6.7	6.25	5.85	5.38	4.86	4.29	3.67	2.97	2.17	1.35	0.66	0.25	0.08	0.01	6.99	6.31	5.88	5.51	5.06	4.58
2.1	3.68	3.55	3.6	3.9	1.12	7.43	6.72	6.27	5.87	5.4	4.88	4.31	3.68	2.97	2.17											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.98	3.69	3.52	3.64	3.89	1	6.99	6.51	6.15	5.82	5.41	4.91	4.31	3.63	2.91	2.18	1.49	0.9	0.46	0.19	0.05	7.18	6.69	6.31	5.97	5.54	5.02
1.56	3.7	3.53	3.65	3.91	1.01	7.02	6.55	6.19	5.85	5.44	4.93	4.33	3.65	2.93	2.2	1.51	0.92	0.47	0.2	0.06	7.23	6.74	6.36	6.01	5.58	5.06
0.48	3.7	3.55	3.63	3.91	1.02	7.05	6.58	6.21	5.87	5.45	4.95	4.35	3.67	2.95	2.22	1.53	0.94	0.49	0.2	0.06	7.27	6.78	6.4	6.04	5.61	5.09
1.69	3.73	3.6	3.64	3.93	1.03	7.06	6.58	6.22	5.88	5.46	4.96	4.36	3.68	2.97	2.25	1.55	0.96	0.5	0.21	0.06	7.29	6.8	6.42	6.06	5.62	5.1
1.7	3.74	3.63	3.61	3.89	1.03	7.05	6.56	6.21	5.86	5.45	4.95	4.36	3.69	2.98	2.27	1.57	0.98	0.51	0.22	0.06	7.3	6.79	6.42	6.06	5.62	5.1
1.57	3.71	3.55	3.63	3.91	1.03	7.02	6.52	6.17	5.83	5.42	4.93	4.35	3.69	3	2.29	1.6	1	0.53	0.23	0.06	7.28	6.76	6.4	6.04	5.6	5.09
1.87	3.75	3.72	3.73	3.94	1.04	6.98	6.47	6.13	5.79	5.38	4.9	4.33	3.69	3.01	2.31	1.63	1.03	0.55	0.24	0.07	7.25	6.72	6.36	6.01	5.57	5.07
1.7	3.69	3.62	3.66	3.91	1.04	6.93	6.41	6.07	5.74	5.34	4.87	4.31	3.69	3.02	2.34	1.66	1.06	0.57	0.25	0.07	7.22	6.67	6.32	5.97	5.54	5.05
1.81	3.69	3.54	3.63	3.9	1.04	6.89	6.36	6.03	5.7	5.3	4.84	4.3	3.69	3.05	2.37	1.7	1.09	0.59	0.27	0.08	7.2	6.63	6.28	5.94	5.52	5.04
1.7	3.67	3.53	3.59	3.91	1.04	6.86	6.32	5.99	5.67	5.27	4.82	4.29	3.7	3.07	2.41	1.75	1.13	0.62	0.28	0.08	7.18	6.61	6.26	5.92	5.5	5.02
1.97	3.68	3.55	3.59	3.86	1.04	6.83	6.3	5.96	5.64	5.25	4.8	4.28	3.71	3.1	2.45	1.79	1.17	0.65	0.3	0.09	7.18	6.61	6.25	5.91	5.49	5.02
2.01	3.66	3.55	3.61	3.9	1.04	6.82	6.3	5.95	5.64	5.24	4.79	4.28	3.72	3.13	2.49	1.84	1.21	0.68	0.32	0.09	7.2	6.64	6.27	5.93	5.51	5.03
1.94	3.7	3.55	3.6	3.88	1.03	6.82	6.31	5.95	5.64	5.24	4.79	4.29	3.74	3.16	2.53	1.88	1.25	0.7	0.33	0.1	7.23	6.68	6.3	5.95	5.52	5.05
1.55	3.69	3.56	3.61	3.92	1.03	6.82	6.33	5.96	5.64	5.24	4.79	4.29	3.75	3.18	2.57	1.92	1.28	0.73	0.35	0.1	7.26	6.73	6.33	5.99	5.55	5.06
1.6	3.71	3.59	3.64	3.9	1.03	6.82	6.35	5.97	5.65	5.24	4.79	4.29	3.76	3.2	2.6	1.96	1.32	0.76	0.37	0.11	7.29	6.78	6.36	6.01	5.57	5.08
1.8	3.7	3.61	3.62	3.87	1.02	6.81	6.36	5.97	5.65	5.24	4.78	4.28	3.76	3.22	2.63	1.99	1.35	0.78	0.38	0.11	7.3	6.8	6.38	6.03	5.58	5.08
2.02	3.68	3.56	3.63	3.89	1.01	6.79	6.34	5.95	5.63	5.22	4.76	4.26	3.75	3.22	2.65	2.02	1.38	0.8	0.39	0.12	7.28	6.79	6.37	6.01	5.57	5.07
2.1	3.67	3.55	3.62	3.91	1	6.74	6.3	5.92	5.59	5.19	4.73	4.24	3.74	3.23	2.67	2.05	1.41	0.82	0.41	0.12	7.24	6.75	6.33	5.98	5.53	5.04
1.97	3.67	3.55	3.64	3.9	0.99	6.68	6.24	5.87	5.54	5.15	4.7	4.22	3.73	3.23	2.69	2.07	1.44	0.85	0.42	0.13	7.17	6.68	6.27	5.92	5.48	5
1.83	3.68	3.57	3.63	3.88	0.98	6.62	6.16	5.81	5.49	5.1	4.67	4.2	3.72	3.23	2.71	2.11	1.47	0.87	0.44	0.14	7.09	6.59	6.2	5.85	5.43	4.96
1.98	3.67	3.51	3.61	3.91	0.97	6.55	6.09	5.74	5.44	5.06	4.63	4.17	3.7	3.23	2.72	2.13	1.5	0.9	0.45	0.14	7	6.5	6.12	5.78	5.36	4.91
2.17	3.66	3.49	3.56	3.88	0.96	6.49	6.03	5.69	5.39	5.02	4.6	4.15	3.69	3.23	2.74	2.16	1.53	0.93	0.47	0.15	6.92	6.41	6.05	5.72	5.31	4.86
1.62	3.64	3.49	3.56	3.88	0.95	6.45	5.99	5.66	5.36	4.99	4.58	4.14	3.69	3.24	2.75	2.18	1.55	0.95	0.49	0.16	6.85	6.36	5.99	5.67	5.27	4.83
2.03	3.62	3.44	3.57	3.85	0.95	6.44	5.99	5.65	5.36	4.99	4.58	4.14	3.69	3.24	2.76	2.2	1.57	0.97	0.5	0.17	6.82	6.33	5.97	5.65	5.25	4.81
1.63	3.63	3.47	3.57	3.88	0.95	6.46	6.02	5.67	5.37	5	4.59	4.14	3.7	3.25	2.76	2.21	1.59	0.98	0.51	0.17	6.82	6.34	5.97	5.65	5.25	4.81
2.22	3.65	3.51	3.6	3.89	0.95	6.5	6.06	5.71	5.4	5.02	4.61	4.16	3.71	3.25	2.77	2.22	1.6	1	0.52	0.18	6.85	6.37	5.99	5.66	5.25	4.81
2.07	3.64	3.51	3.6	3.92	0.95	6.56	6.11	5.75	5.44	5.05	4.63	4.17	3.72	3.26	2.77	2.23	1.62	1.01	0.53	0.18	6.89	6.41	6.02	5.69	5.27	4.82
2.13	3.66	3.53	3.64	3.85	0.95	6.61	6.16	5.79	5.47	5.08	4.65	4.19	3.72	3.26	2.78	2.24	1.63	1.02	0.54	0.19	6.92	6.43	6.04	5.7	5.27	4.82
2.2	3.67	3.54	3.63	3.87	0.95	6.65	6.19	5.82	5.49	5.09	4.66	4.19	3.73	3.27	2.78	2.24	1.64	1.03	0.54	0.19	6.93	6.43	6.04	5.69	5.27	4.81
2.16	3.68	3.59	3.64	3.93	0.95	6.67	6.19	5.83	5.5	5.1	4.66	4.2	3.73	3.27	2.78	2.25	1.65	1.05	0.56	0.19	6.92	6.41	6.02	5.67	5.25	4.8
2.18	3.67	3.56	3.62	3.87	0.96	6.68	6.18	5.82	5.49	5.09	4.66	4.2	3.73	3.27	2.79	2.26	1.67	1.06	0.57	0.2	6.89	6.36	5.99	5.64	5.22	4.77
2.22	3.66	3.53	3.59	3.92	0.96	6.66	6.16	5.81	5.48	5.08	4.65	4.19	3.73	3.28	2.8	2.27	1.68	1.08	0.58	0.2	6.84	6.3	5.94	5.59	5.19	4.74
1.31	3.67	3.51	3.58	3.89	0.96	6.65	6.13	5.79	5.46	5.08	4.65	4.19	3.73	3.28	2.8	2.28	1.7	1.1	0.59	0.21	6.78	6.24	5.89	5.55	5.15	4.72
1.96	3.66	3.51	3.59	3.82	0.97	6.64	6.11	5.78	5.46	5.07	4.65	4.19	3.74	3.29	2.81	2.29	1.71	1.11	0.6	0.22	6.74	6.19	5.85	5.52	5.13	4.7
1.92	3.66	3.49	3.58	3.87	0.98	6.64	6.11	5.78	5.46	5.08	4.65	4.2	3.74	3.29	2.82	2.3	1.72	1.12	0.61	0.22	6.71	6.16	5.83	5.5	5.11	4.68
2.28	3.63	3.48	3.59	3.87	0.99	6.65	6.12	5.79	5.47	5.09	4.66	4.21	3.75	3.3	2.83	2.31	1.73	1.13	0.62	0.22	6.69	6.15	5.82	5.5	5.11	4.68
2.28	3.66	3.51	3.59	3.85	1	6.67	6.14	5.81	5.49	5.1	4.68	4.22	3.76	3.31	2.83	2.32	1.74	1.14	0.63	0.23	6.7	6.16	5.83	5.5	5.11	4.68
2.29	3.67	3.56	3.64	3.9	1.01	6.7	6.17	5.84	5.52	5.12	4.69	4.23	3.77	3.31	2.84	2.32	1.75	1.16	0.64	0.23	6.72	6.18	5.85	5.52	5.13	4.69
2.05	3.71	3.59	3.62	3.92	1.02	6.73	6.2	5.86	5.54	5.14	4.71	4.24	3.77	3.32	2.84	2.33	1.76	1.17	0.64	0.24	6.75	6.21	5.87	5.54	5.14	4.7
2.3	3.75	3.58	3.63	3.88	1.03	6.75	6.22	5.88	5.55	5.16	4.72	4.25	3.78	3.32	2.85	2.33	1.76	1.18	0.65	0.24	6.76	6.22	5.88	5.55	5.15	4.71
2.3	3.72	3.57	3.61	3.91	1.04	6.77	6.23	5.89	5.56	5.16	4.72	4.25	3.78	3.32	2.85	2.34	1.77	1.19	0.66	0.24	6.78	6.24	5.89	5.56	5.16	4.72
1.79	3.7	3.57	3.59	3.93	1.05	6.77	6.23	5.89	5.56	5.16	4.72	4.26	3.78	3.32	2.85	2.34	1.78	1.2	0.67	0.25	6.78	6.24	5.89	5.56	5.16	4.72
1.69	3.7	3.54	3.6	3.89	1.06	6.75	6.22	5.88	5.55	5.16	4.72	4.25	3.78	3.32	2.85	2.35	1.79	1.21	0.68	0.25	6.77	6.23	5.88	5.55	5.16	4.72
1.8	3.68	3.54	3.62	3.86	1.06	6.74	6.21	5.87	5.54	5.15	4.71	4.25	3.78	3.32	2.85	2.36	1.81	1.22	0.69	0.26	6.76	6.23	5.88	5.55	5.15	4.72
1.81	3.7	3.54	3.64	3.9	1.07	6.72	6.2	5.86	5.53	5.14	4.71	4.24	3.77	3.32	2.85	2.36	1.82	1.24	0.71	0.27	6.75	6.23	5.88	5.55	5.15	4.72
1.73	3.68	3.57	3.63	3.9	1.07	6.7	6.2	5.85	5.53	5.13	4.7	4.24	3.77	3.32	2.85	2.37	1.83	1.25	0.72	0.27	6.76	6.24	5.89	5.56	5.17	4.73
2.03	3.66	3.55	3.61	3.92	1.07	6.69	6.19	5.85	5.52	5.13	4.7	4.23	3.77	3.31	2.85	2.37	1.84	1.27	0.73	0.28	6.77	6.27	5.91	5.58	5.18	4.75
1.99	3.7	3.57	3.59	3.9	1.07	6.67	6.19	5.85	5.52	5.13	4.7	4.23	3.76	3.31	2.85	2.38	1.85	1.28	0.75	0.29	6.79	6.3	5.94	5.61	5.21	4.77
1.79	3.7	3.56	3.62	3.9	1.07	6.66	6.19	5.85	5.52	5.13	4.69	4.22	3.76	3.3	2.85	2.38	1.86	1.3	0.76	0.3	6.82	6.34	5.98	5.64	5.24	4.79
1.51	3.71	3.55	3.63	3.91	1.07	6.63	6.18	5.84	5.52	5.12	4.69	4.22	3.75	3.3	2.85	2.38	1.									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.34	3.67	3.53	3.57	3.85	1.07	6.6	6.18	5.91	5.65	5.33	4.94	4.5	4.03	3.55	3.08	2.59	2.08	1.52	0.97	0.44	6.88	6.43	6.15	5.87	5.53	5.12
2.19	3.67	3.54	3.6	3.88	1.06	6.6	6.18	5.91	5.66	5.34	4.96	4.51	4.04	3.56	3.08	2.59	2.08	1.52	0.97	0.43	6.91	6.46	6.18	5.91	5.57	5.16
1.8	3.7	3.58	3.62	3.91	1.05	6.61	6.2	5.93	5.68	5.36	4.98	4.53	4.05	3.57	3.09	2.59	2.08	1.52	0.97	0.43	6.96	6.51	6.23	5.96	5.61	5.2
1.58	3.71	3.58	3.61	3.9	1.03	6.64	6.23	5.96	5.71	5.39	5	4.55	4.06	3.58	3.09	2.59	2.07	1.52	0.96	0.43	7.02	6.57	6.28	6.01	5.66	5.25
2.3	3.72	3.6	3.64	3.9	1.07	8.04	7.76	7.49	7.18	6.78	6.27	5.63	4.88	4.03	3.08	2.08	1.19	0.55	0.21	0.06	8.14	7.85	7.56	7.25	6.84	6.31
2.39	3.72	3.61	3.65	3.92	1.07	8.08	7.8	7.52	7.22	6.81	6.29	5.66	4.91	4.06	3.09	2.09	1.18	0.54	0.21	0.05	8.15	7.86	7.58	7.26	6.84	6.32
2.1	3.7	3.56	3.62	3.89	1.08	8.12	7.84	7.56	7.25	6.84	6.32	5.68	4.93	4.07	3.11	2.09	1.18	0.54	0.21	0.05	8.17	7.89	7.59	7.27	6.85	6.32
1.77	3.71	3.55	3.61	3.92	1.08	8.15	7.88	7.59	7.27	6.86	6.33	5.69	4.94	4.09	3.11	2.09	1.17	0.53	0.21	0.05	8.19	7.9	7.6	7.28	6.85	6.32
1.88	3.73	3.58	3.61	3.89	1.08	8.17	7.89	7.6	7.28	6.86	6.34	5.69	4.95	4.09	3.11	2.08	1.17	0.53	0.21	0.05	8.19	7.9	7.6	7.27	6.85	6.31
2.04	3.73	3.58	3.61	3.88	1.08	8.17	7.88	7.59	7.28	6.86	6.33	5.69	4.94	4.08	3.1	2.07	1.16	0.52	0.2	0.05	8.17	7.88	7.58	7.25	6.82	6.29
2.11	3.72	3.58	3.63	3.9	1.08	8.14	7.85	7.56	7.25	6.83	6.31	5.67	4.92	4.06	3.08	2.06	1.14	0.52	0.2	0.05	8.14	7.83	7.53	7.21	6.79	6.25
2.23	3.72	3.59	3.64	3.91	1.08	8.11	7.81	7.53	7.22	6.8	6.28	5.64	4.89	4.03	3.05	2.03	1.12	0.51	0.2	0.05	8.09	7.77	7.48	7.16	6.74	6.21
2.11	3.74	3.61	3.63	3.89	1.08	8.08	7.76	7.48	7.18	6.76	6.24	5.6	4.85	3.99	3.01	1.99	1.1	0.49	0.19	0.05	8.04	7.71	7.42	7.11	6.69	6.16
2.12	3.73	3.59	3.64	3.92	1.08	8.05	7.73	7.45	7.15	6.73	6.21	5.56	4.8	3.94	2.96	1.95	1.07	0.48	0.19	0.05	8	7.66	7.37	7.06	6.64	6.12
2.31	3.72	3.58	3.61	3.92	1.07	8.05	7.72	7.44	7.13	6.72	6.19	5.53	4.76	3.88	2.91	1.91	1.04	0.46	0.18	0.05	7.99	7.64	7.35	7.04	6.61	6.08
2.24	3.71	3.56	3.61	3.93	1.07	8.08	7.74	7.45	7.14	6.72	6.18	5.5	4.71	3.82	2.85	1.86	1.01	0.45	0.17	0.04	8	7.64	7.34	7.03	6.6	6.06
1.92	3.7	3.56	3.61	3.88	1.07	8.14	7.78	7.48	7.17	6.73	6.18	5.48	4.67	3.76	2.78	1.8	0.98	0.43	0.17	0.04	8.04	7.67	7.36	7.04	6.6	6.05
1.53	3.71	3.56	3.62	3.89	1.07	8.2	7.83	7.53	7.2	6.76	6.18	5.46	4.62	3.69	2.71	1.74	0.94	0.42	0.16	0.04	8.09	7.7	7.39	7.06	6.61	6.03
2.07	3.72	3.58	3.63	3.91	1.06	8.27	7.89	7.58	7.24	6.78	6.18	5.43	4.56	3.62	2.64	1.69	0.91	0.4	0.15	0.04	8.14	7.73	7.41	7.07	6.61	6.01
1.91	3.73	3.6	3.64	3.9	1.06	8.33	7.93	7.61	7.27	6.79	6.17	5.39	4.5	3.54	2.56	1.63	0.88	0.39	0.15	0.03	8.16	7.75	7.42	7.07	6.59	5.98
2.31	3.79	3.7	3.71	3.92	1.06	8.37	7.96	7.64	7.28	6.78	6.15	5.35	4.43	3.46	2.49	1.57	0.85	0.38	0.14	0.03	8.17	7.74	7.41	7.06	6.56	5.93
2.13	3.74	3.58	3.61	3.89	1.06	8.39	7.97	7.64	7.28	6.77	6.11	5.29	4.35	3.38	2.41	1.52	0.82	0.37	0.14	0.03	8.15	7.71	7.38	7.02	6.51	5.87
1.83	3.7	3.55	3.63	3.92	1.06	8.4	7.97	7.65	7.27	6.75	6.07	5.23	4.27	3.29	2.33	1.47	0.79	0.35	0.13	0.03	8.12	7.67	7.34	6.98	6.46	5.81
1.89	3.68	3.55	3.65	3.89	1.07	8.43	7.98	7.65	7.27	6.73	6.04	5.17	4.2	3.21	2.26	1.42	0.77	0.34	0.13	0.03	8.1	7.65	7.32	6.94	6.42	5.75
1.77	3.68	3.57	3.66	3.9	1.07	8.46	8.01	7.67	7.28	6.73	6.01	5.12	4.12	3.13	2.19	1.37	0.74	0.33	0.13	0.03	8.1	7.64	7.31	6.93	6.39	5.7
2.02	3.69	3.54	3.63	3.9	1.08	8.51	8.05	7.71	7.3	6.73	5.99	5.07	4.06	3.05	2.13	1.33	0.72	0.32	0.12	0.02	8.12	7.66	7.31	6.92	6.37	5.66
1.78	3.71	3.55	3.62	3.88	1.08	8.58	8.11	7.75	7.33	6.74	5.98	5.03	3.99	2.98	2.06	1.28	0.69	0.31	0.12	0.02	8.17	7.69	7.34	6.93	6.36	5.64
1.5	3.71	3.53	3.62	3.91	1.09	8.65	8.17	7.8	7.36	6.75	5.96	4.99	3.94	2.92	2	1.23	0.67	0.3	0.11	0.02	8.22	7.74	7.37	6.95	6.37	5.62
1.59	3.73	3.57	3.63	3.93	1.1	8.7	8.22	7.84	7.39	6.76	5.95	4.95	3.88	2.85	1.94	1.19	0.64	0.29	0.11	0.02	8.26	7.78	7.4	6.97	6.37	5.6
2.05	3.72	3.58	3.63	3.93	1.11	8.73	8.25	7.85	7.39	6.75	5.92	4.91	3.82	2.78	1.88	1.15	0.62	0.28	0.1	0.02	8.29	7.81	7.42	6.97	6.36	5.57
2.05	3.72	3.59	3.65	3.92	1.12	8.72	8.25	7.84	7.37	6.72	5.88	4.85	3.75	2.72	1.83	1.11	0.59	0.27	0.1	0.02	8.29	7.82	7.41	6.96	6.33	5.54
1.96	3.75	3.58	3.66	3.92	1.13	8.68	8.21	7.8	7.32	6.67	5.82	4.78	3.68	2.65	1.77	1.07	0.57	0.26	0.1	0.02	8.27	7.79	7.38	6.92	6.29	5.49
1.98	3.75	3.61	3.64	3.91	1.13	8.62	8.15	7.73	7.25	6.59	5.74	4.7	3.6	2.58	1.72	1.04	0.55	0.25	0.1	0.02	8.23	7.75	7.34	6.87	6.24	5.43
2	3.74	3.62	3.67	3.91	1.13	8.54	8.07	7.65	7.17	6.51	5.65	4.61	3.52	2.51	1.67	1.01	0.54	0.25	0.1	0.02	8.17	7.7	7.28	6.82	6.17	5.36
1.67	3.74	3.59	3.64	3.88	1.13	8.45	7.98	7.56	7.08	6.42	5.56	4.52	3.44	2.45	1.62	0.98	0.52	0.24	0.1	0.02	8.12	7.65	7.23	6.76	6.11	5.29
1.96	3.74	3.6	3.66	3.94	1.13	8.37	7.9	7.48	7	6.33	5.47	4.43	3.35	2.38	1.57	0.95	0.51	0.24	0.1	0.02	8.09	7.61	7.18	6.71	6.06	5.23
2.17	3.7	3.57	3.65	3.91	1.12	8.3	7.83	7.4	6.92	6.25	5.39	4.35	3.28	2.31	1.52	0.92	0.5	0.23	0.1	0.02	8.07	7.58	7.16	6.68	6.02	5.18
2.11	3.69	3.56	3.63	3.92	1.12	8.24	7.76	7.33	6.85	6.18	5.32	4.27	3.2	2.25	1.47	0.89	0.48	0.23	0.1	0.02	8.07	7.57	7.14	6.66	5.99	5.14
2.05	3.71	3.56	3.63	3.93	1.11	8.17	7.69	7.27	6.79	6.11	5.24	4.19	3.13	2.19	1.43	0.86	0.47	0.22	0.09	0.02	8.05	7.55	7.11	6.63	5.95	5.09
2.16	3.74	3.57	3.65	3.9	1.1	8.1	7.62	7.2	6.72	6.05	5.18	4.13	3.06	2.13	1.38	0.83	0.46	0.22	0.09	0.02	8.03	7.53	7.09	6.6	5.92	5.05
1.21	3.72	3.57	3.64	3.9	1.08	8.03	7.55	7.12	6.65	5.99	5.12	4.06	3	2.07	1.34	0.81	0.45	0.21	0.09	0.02	8	7.49	7.05	6.57	5.89	5.01
1.64	3.7	3.54	3.64	3.92	1.07	7.94	7.47	7.05	6.58	5.92	5.06	4	2.94	2.02	1.3	0.78	0.43	0.2	0.09	0.02	7.95	7.44	7	6.52	5.84	4.97
1.9	3.69	3.54	3.61	3.88	1.05	7.86	7.38	6.97	6.51	5.86	5	3.95	2.89	1.97	1.25	0.75	0.42	0.2	0.09	0.02	7.88	7.37	6.94	6.46	5.8	4.93
2.04	3.71	3.6	3.61	3.9	1.03	7.78	7.3	6.89	6.44	5.8	4.95	3.9	2.84	1.92	1.21	0.73	0.4	0.19	0.09	0.02	7.82	7.3	6.87	6.4	5.75	4.89
1.85	3.69	3.6	3.62	3.9	1.01	7.72	7.23	6.83	6.38	5.75	4.91	3.86	2.79	1.87	1.18	0.7	0.39	0.19	0.09	0.02	7.75	7.23	6.81	6.35	5.7	4.85
2.29	3.84	3.78	3.85	4	0.99	7.68	7.18	6.78	6.34	5.71	4.87	3.83	2.75	1.83	1.14	0.67	0.37	0.18	0.09	0.02	7.7	7.17	6.75	6.29	5.65	4.81
2.08	3.74	3.65	3.7	3.94	0.98	7.65	7.14	6.75	6.31	5.69	4.85	3.8	2.71	1.78	1.1	0.65	0.36	0.17	0.08	0.03	7.66	7.12	6.71	6.25	5.61	4.77
2.14	3.67	3.53	3.63	3.85	0.97	7.65	7.12	6.73	6.29	5.67	4.83	3.77	2.67	1.74	1.06	0.62	0.35	0.17	0.08	0.03	7.63	7.08	6.67	6.22	5.58	4.74
2.01	3.65	3.51	3.6	3.9	0.96	7.66	7.12	6.73	6.29	5.67	4.82	3.75	2.64	1.7	1.03	0.6	0.33	0.16	0.08	0.03	7.61	7.04	6.64	6.19	5.55	4.71
2.21	3.66	3.54	3.6	3.87	0.95	7.69	7.13	6.75	6.3	5.67	4.81	3.73	2.6	1.66	0.99	0.57	0									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.98	3.71	3.57	3.62	3.92	1.07	7.74	7.17	6.65	6.11	5.37	4.45	3.36	2.25	1.33	0.69	0.33	0.16	0.07	0.04	0.02	7.67	7.08	6.55	6	5.26	4.35
2.14	3.69	3.55	3.62	3.92	1.04	7.64	7.1	6.6	6.08	5.35	4.45	3.36	2.26	1.34	0.69	0.33	0.16	0.08	0.04	0.02	7.6	7.04	6.52	5.99	5.26	4.36
2.14	3.68	3.59	3.64	3.92	1.01	7.54	7.03	6.54	6.04	5.33	4.45	3.37	2.27	1.34	0.7	0.34	0.16	0.08	0.04	0.02	7.53	6.99	6.48	5.96	5.25	4.36
2.29	3.68	3.58	3.65	3.88	0.98	7.44	6.96	6.48	6	5.31	4.44	3.37	2.28	1.35	0.71	0.34	0.17	0.08	0.04	0.02	7.45	6.94	6.44	5.93	5.24	4.36
2.29	3.66	3.57	3.64	3.89	0.96	7.35	6.89	6.42	5.95	5.29	4.43	3.37	2.29	1.36	0.71	0.35	0.17	0.08	0.05	0.02	7.37	6.88	6.39	5.9	5.21	4.35
2.14	3.76	3.6	3.64	3.88	0.93	7.26	6.82	6.37	5.91	5.26	4.42	3.38	2.29	1.37	0.72	0.35	0.17	0.08	0.05	0.02	7.28	6.81	6.33	5.86	5.19	4.34
2.39	3.82	3.66	3.66	3.92	0.91	7.19	6.76	6.32	5.88	5.25	4.42	3.39	2.31	1.38	0.73	0.36	0.17	0.08	0.05	0.02	7.21	6.76	6.29	5.82	5.17	4.33
2.16	3.69	3.53	3.58	3.86	0.88	7.13	6.73	6.3	5.87	5.25	4.43	3.41	2.33	1.4	0.74	0.36	0.18	0.09	0.05	0.02	7.15	6.72	6.26	5.81	5.17	4.34
2.05	3.67	3.51	3.58	3.88	0.86	7.1	6.71	6.3	5.87	5.26	4.46	3.44	2.36	1.42	0.76	0.37	0.18	0.09	0.05	0.02	7.1	6.69	6.25	5.8	5.18	4.36
2.23	3.65	3.53	3.57	3.89	0.83	7.09	6.72	6.32	5.9	5.3	4.5	3.48	2.39	1.45	0.77	0.38	0.19	0.09	0.05	0.02	7.08	6.69	6.26	5.82	5.2	4.38
2.3	3.63	3.55	3.57	3.89	0.82	7.11	6.75	6.36	5.94	5.35	4.55	3.52	2.43	1.47	0.79	0.39	0.19	0.09	0.05	0.02	7.09	6.7	6.28	5.85	5.23	4.42
2.19	3.62	3.47	3.58	3.89	0.8	7.16	6.8	6.42	6.01	5.41	4.61	3.57	2.46	1.5	0.8	0.4	0.19	0.1	0.06	0.02	7.12	6.73	6.32	5.89	5.28	4.46
2.31	3.6	3.45	3.57	3.89	0.79	7.23	6.87	6.49	6.08	5.49	4.67	3.62	2.5	1.52	0.82	0.4	0.2	0.1	0.06	0.02	7.17	6.77	6.36	5.94	5.33	4.51
2.25	3.65	3.52	3.61	3.89	0.78	7.32	6.94	6.57	6.16	5.56	4.74	3.67	2.54	1.55	0.84	0.41	0.21	0.1	0.06	0.03	7.21	6.81	6.41	5.98	5.37	4.54
1.85	3.67	3.51	3.59	3.88	0.77	7.41	7.02	6.64	6.24	5.64	4.81	3.73	2.57	1.57	0.85	0.42	0.21	0.11	0.07	0.03	7.26	6.84	6.44	6.02	5.4	4.57
1.81	3.66	3.47	3.57	3.9	0.77	7.5	7.09	6.72	6.32	5.71	4.87	3.77	2.61	1.6	0.87	0.43	0.22	0.11	0.07	0.03	7.28	6.84	6.45	6.03	5.42	4.59
1.88	3.66	3.47	3.57	3.87	0.77	7.58	7.16	6.79	6.39	5.78	4.93	3.82	2.64	1.63	0.89	0.44	0.22	0.11	0.07	0.03	7.28	6.83	6.44	6.03	5.42	4.59
2.24	3.66	3.48	3.57	3.87	0.77	7.66	7.23	6.86	6.46	5.85	4.98	3.87	2.68	1.65	0.9	0.45	0.22	0.11	0.07	0.03	7.26	6.8	6.42	6.01	5.41	4.59
2.28	3.67	3.49	3.55	3.89	0.78	7.74	7.3	6.94	6.53	5.91	5.04	3.91	2.71	1.68	0.92	0.45	0.22	0.11	0.07	0.03	7.22	6.77	6.4	5.99	5.39	4.58
2.04	3.65	3.49	3.56	3.88	0.79	7.83	7.39	7.02	6.6	5.97	5.09	3.96	2.75	1.71	0.94	0.46	0.22	0.11	0.07	0.03	7.2	6.74	6.38	5.97	5.38	4.57
2.05	3.63	3.47	3.58	3.85	0.81	7.95	7.5	7.12	6.69	6.05	5.16	4.01	2.79	1.73	0.95	0.47	0.22	0.11	0.07	0.02	7.2	6.74	6.38	5.97	5.37	4.56
2.16	3.63	3.47	3.6	3.91	0.84	8.1	7.63	7.24	6.79	6.14	5.23	4.07	2.84	1.76	0.97	0.47	0.22	0.11	0.06	0.02	7.24	6.78	6.41	5.99	5.39	4.58
2.26	3.62	3.47	3.59	3.91	0.87	8.27	7.78	7.38	6.92	6.25	5.32	4.14	2.89	1.8	0.98	0.47	0.21	0.1	0.06	0.02	7.32	6.84	6.46	6.03	5.43	4.61
2.27	3.69	3.59	3.64	3.88	0.9	8.46	7.95	7.54	7.06	6.37	5.42	4.22	2.95	1.83	1	0.47	0.2	0.09	0.05	0.01	7.42	6.92	6.54	6.1	5.48	4.66
2.15	3.71	3.6	3.62	3.9	0.94	8.65	8.12	7.69	7.2	6.49	5.53	4.31	3.01	1.87	1.01	0.47	0.19	0.08	0.04	0.01	7.53	7.02	6.63	6.17	5.55	4.72
1.87	3.72	3.56	3.6	3.91	0.98	8.81	8.27	7.83	7.33	6.61	5.64	4.4	3.08	1.91	1.03	0.47	0.19	0.07	0.04	0.01	7.64	7.12	6.71	6.25	5.62	4.79
2.12	3.74	3.57	3.62	3.92	1.01	8.94	8.39	7.95	7.43	6.71	5.73	4.48	3.15	1.96	1.05	0.47	0.18	0.07	0.03	0.007	7.72	7.19	6.78	6.32	5.68	4.85
2.11	3.76	3.61	3.63	3.95	1.04	9.03	8.48	8.03	7.51	6.79	5.82	4.57	3.22	2	1.07	0.47	0.17	0.06	0.02	0.004	7.77	7.24	6.83	6.36	5.74	4.91
1.75	3.75	3.63	3.62	3.9	1.07	9.07	8.52	8.07	7.56	6.85	5.89	4.64	3.29	2.05	1.09	0.48	0.17	0.05	0.02	0.001	7.79	7.27	6.85	6.39	5.77	4.96
1.78	3.74	3.63	3.61	3.92	1.1	9.09	8.54	8.09	7.59	6.89	5.94	4.71	3.35	2.1	1.12	0.48	0.17	0.05	0.02	0	7.8	7.28	6.86	6.41	5.8	5
2.22	3.8	3.65	3.67	3.94	1.12	9.1	8.55	8.1	7.6	6.91	5.98	4.77	3.41	2.15	1.14	0.49	0.17	0.05	0.01	-0.002	7.8	7.27	6.86	6.42	5.82	5.03
2.32	3.76	3.6	3.65	3.94	1.13	9.1	8.55	8.1	7.6	6.92	6.01	4.82	3.47	2.19	1.16	0.5	0.17	0.05	0.01	-0.004	7.8	7.28	6.86	6.42	5.83	5.06
2.05	3.75	3.61	3.62	3.93	1.15	9.12	8.55	8.09	7.6	6.93	6.04	4.85	3.51	2.22	1.18	0.5	0.17	0.05	0.01	-0.006	7.83	7.29	6.87	6.43	5.85	5.09
1.86	3.76	3.62	3.62	3.93	1.16	9.14	8.56	8.09	7.6	6.93	6.05	4.88	3.54	2.25	1.19	0.5	0.17	0.04	0.01	-0.008	7.86	7.31	6.88	6.44	5.86	5.11
1.78	3.75	3.6	3.62	3.91	1.17	9.16	8.56	8.09	7.59	6.93	6.05	4.89	3.56	2.27	1.2	0.5	0.16	0.04	0.01	-0.008	7.9	7.34	6.9	6.46	5.88	5.13
1.95	3.74	3.61	3.63	3.91	1.17	9.17	8.56	8.08	7.58	6.91	6.04	4.89	3.57	2.28	1.21	0.51	0.17	0.04	0.01	-0.008	7.94	7.35	6.91	6.46	5.88	5.14
2.2	3.83	3.72	3.69	3.95	1.17	9.18	8.54	8.06	7.55	6.89	6.02	4.89	3.58	2.29	1.22	0.51	0.17	0.04	0.01	-0.008	7.98	7.36	6.92	6.46	5.88	5.14
2.5	3.88	3.78	3.75	3.95	1.18	9.16	8.5	8.02	7.51	6.85	5.99	4.87	3.57	2.3	1.23	0.52	0.17	0.05	0.01	-0.008	7.99	7.36	6.91	6.46	5.87	5.13
2.35	3.86	3.79	3.73	3.93	1.18	9.13	8.45	7.97	7.46	6.8	5.95	4.84	3.56	2.3	1.24	0.53	0.18	0.05	0.01	-0.005	8	7.34	6.9	6.44	5.86	5.12
1.73	3.76	3.63	3.68	3.93	1.18	9.08	8.39	7.9	7.4	6.74	5.9	4.81	3.54	2.3	1.25	0.55	0.19	0.06	0.02	0	7.99	7.32	6.87	6.42	5.83	5.1
1.44	3.73	3.6	3.65	3.92	1.17	9.03	8.32	7.83	7.33	6.68	5.85	4.77	3.52	2.29	1.26	0.56	0.21	0.07	0.03	0.005	7.98	7.29	6.84	6.39	5.81	5.08
2.02	3.75	3.58	3.63	3.9	1.17	8.97	8.25	7.76	7.27	6.62	5.79	4.73	3.5	2.28	1.26	0.57	0.22	0.08	0.03	0.008	7.96	7.27	6.82	6.37	5.79	5.06
1.99	3.75	3.59	3.61	3.91	1.17	8.91	8.18	7.69	7.2	6.55	5.73	4.68	3.47	2.27	1.26	0.58	0.22	0.08	0.04	0.01	7.95	7.25	6.79	6.34	5.76	5.04
2.01	3.75	3.6	3.63	3.89	1.17	8.86	8.12	7.63	7.13	6.49	5.68	4.64	3.44	2.26	1.26	0.59	0.23	0.09	0.04	0.01	7.95	7.24	6.78	6.33	5.75	5.02
1.36	3.78	3.6	3.65	3.91	1.17	8.81	8.06	7.56	7.07	6.43	5.63	4.6	3.41	2.24	1.26	0.59	0.24	0.1	0.04	0.01	7.95	7.23	6.76	6.31	5.73	5
1.58	3.75	3.58	3.64	3.93	1.16	8.75	7.99	7.49	7	6.36	5.57	4.55	3.38	2.22	1.26	0.6	0.25	0.1	0.05	0.01	7.94	7.21	6.74	6.28	5.7	4.98
1.78	3.75	3.61	3.64	3.92	1.16	8.67	7.91	7.41	6.92	6.29	5.5	4.49	3.34	2.2	1.25	0.6	0.26	0.1	0.05	0.02	7.92	7.17	6.7	6.24	5.67	4.95
2.07	3.76	3.62	3.64	3.91	1.16	8.58	7.82	7.32	6.82	6.2	5.42	4.43	3.29	2.18	1.24	0.61	0.26	0.1	0.05	0.02	7.88	7.12	6.65	6.19	5.62	4.91
2.08	3.78	3.61	3.61	3.92	1.15	8.49	7.71	7.21	6.72	6.1	5.33	4.36	3.24	2.15	1.24	0.61	0.27	0.11	0.05	0.02	7.82	7.06	6.59	6.13	5.56	4.86
2.18	3.73	3.58	3.63	3.94	1.15	8.38	7.6	7.11	6.62	6.01	5.25	4.29	3.19	2.12												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.53	3.7	3.56	3.6	3.88	1.03	6.74	5.97	5.53	5.16	4.73	4.26	3.7	3.02	2.26	1.46	0.76	0.29	0.07	0.02	0.004	6.88	6.08	5.63	5.24	4.81	4.32
2.15	3.7	3.57	3.59	3.86	1.03	6.73	5.97	5.53	5.15	4.73	4.27	3.71	3.04	2.27	1.47	0.76	0.29	0.07	0.02	0.004	6.89	6.09	5.64	5.25	4.82	4.33
1.64	3.68	3.54	3.61	3.91	1.03	6.73	5.97	5.53	5.16	4.73	4.27	3.71	3.04	2.27	1.47	0.76	0.28	0.07	0.02	0.004	6.91	6.11	5.66	5.26	4.83	4.34
1.54	3.7	3.54	3.6	3.9	1.03	6.73	5.98	5.54	5.15	4.73	4.26	3.71	3.04	2.27	1.46	0.75	0.28	0.07	0.02	0.004	6.93	6.13	5.67	5.27	4.83	4.35
1.89	3.71	3.56	3.59	3.89	1.02	6.73	5.98	5.54	5.16	4.73	4.26	3.7	3.03	2.26	1.45	0.74	0.28	0.07	0.02	0.004	6.95	6.15	5.69	5.28	4.84	4.35
2.27	3.74	3.59	3.6	3.93	1.01	6.74	5.99	5.55	5.16	4.72	4.25	3.68	3.01	2.24	1.44	0.73	0.27	0.07	0.02	0.005	6.96	6.16	5.7	5.28	4.84	4.34
2.08	3.7	3.58	3.6	3.87	1	6.74	5.99	5.55	5.15	4.72	4.24	3.66	2.98	2.21	1.41	0.72	0.27	0.07	0.02	0.005	6.96	6.17	5.7	5.29	4.83	4.33
1.81	3.68	3.54	3.6	3.91	0.99	6.73	5.99	5.55	5.15	4.71	4.22	3.64	2.95	2.18	1.39	0.7	0.26	0.06	0.01	0.005	6.96	6.17	5.7	5.28	4.82	4.31
1.53	3.68	3.51	3.61	3.91	0.98	6.73	6	5.56	5.16	4.7	4.21	3.61	2.91	2.14	1.35	0.68	0.26	0.06	0.01	0.004	6.95	6.17	5.7	5.28	4.81	4.29
1.76	3.64	3.5	3.58	3.92	0.97	6.75	6.01	5.57	5.17	4.7	4.2	3.58	2.88	2.1	1.32	0.66	0.25	0.06	0.01	0.004	6.96	6.17	5.71	5.28	4.8	4.27
2.1	3.62	3.51	3.59	3.89	0.96	6.77	6.04	5.59	5.18	4.71	4.19	3.56	2.84	2.05	1.28	0.64	0.24	0.06	0.01	0.004	6.97	6.19	5.72	5.29	4.8	4.25
2.09	3.63	3.52	3.62	3.9	0.95	6.81	6.07	5.62	5.2	4.72	4.18	3.54	2.8	2.01	1.24	0.61	0.23	0.06	0.01	0.003	6.99	6.2	5.73	5.3	4.8	4.24
2.01	3.65	3.51	3.61	3.88	0.95	6.85	6.09	5.64	5.22	4.73	4.18	3.51	2.76	1.96	1.2	0.59	0.22	0.06	0.01	0.003	7.01	6.21	5.74	5.3	4.79	4.21
1.93	3.65	3.52	3.59	3.87	0.94	6.88	6.12	5.66	5.23	4.73	4.16	3.48	2.71	1.91	1.16	0.57	0.21	0.05	0.01	0.002	7.02	6.21	5.73	5.29	4.77	4.19
1.85	3.68	3.51	3.6	3.88	0.94	6.9	6.13	5.66	5.23	4.73	4.14	3.45	2.67	1.86	1.12	0.54	0.2	0.05	0.01	0.001	7.01	6.19	5.71	5.27	4.75	4.15
1.57	3.69	3.52	3.6	3.91	0.94	6.91	6.13	5.66	5.22	4.71	4.11	3.41	2.62	1.81	1.08	0.52	0.2	0.05	0.01	0.001	6.98	6.16	5.68	5.23	4.7	4.1
2.07	3.66	3.52	3.61	3.91	0.94	6.91	6.12	5.65	5.21	4.69	4.08	3.36	2.56	1.76	1.05	0.51	0.19	0.05	0.01	0	6.95	6.12	5.64	5.19	4.66	4.05
2.19	3.66	3.51	3.62	3.9	0.94	6.92	6.12	5.65	5.2	4.67	4.05	3.32	2.51	1.71	1.01	0.49	0.18	0.05	0.01	-0.001	6.92	6.09	5.6	5.15	4.61	3.99
1.95	3.66	3.47	3.58	3.87	0.94	6.94	6.14	5.65	5.2	4.65	4.02	3.27	2.46	1.67	0.98	0.47	0.18	0.05	0.01	-0.002	6.9	6.07	5.58	5.11	4.57	3.94
1.58	3.65	3.49	3.56	3.85	0.95	6.99	6.17	5.68	5.21	4.65	4	3.24	2.41	1.63	0.95	0.46	0.18	0.05	0.01	-0.001	6.91	6.07	5.57	5.1	4.55	3.9
2.09	3.66	3.53	3.63	3.89	0.95	7.06	6.23	5.72	5.24	4.66	3.98	3.2	2.37	1.59	0.92	0.45	0.18	0.05	0.02	0.001	6.94	6.1	5.59	5.11	4.54	3.87
2.26	3.68	3.58	3.65	3.88	0.96	7.14	6.3	5.78	5.28	4.67	3.98	3.17	2.33	1.55	0.9	0.44	0.17	0.05	0.02	0.002	6.99	6.14	5.62	5.12	4.53	3.85
2.17	3.68	3.52	3.62	3.89	0.97	7.23	6.38	5.84	5.32	4.7	3.97	3.15	2.3	1.52	0.87	0.42	0.17	0.05	0.02	0.004	7.05	6.19	5.66	5.15	4.54	3.83
1.88	3.67	3.54	3.62	3.91	0.98	7.31	6.45	5.9	5.37	4.72	3.97	3.13	2.26	1.48	0.85	0.41	0.17	0.06	0.02	0.005	7.1	6.24	5.7	5.17	4.54	3.82
1.06	3.7	3.56	3.62	3.92	1	7.37	6.51	5.95	5.4	4.74	3.97	3.1	2.23	1.45	0.83	0.41	0.17	0.06	0.02	0.007	7.14	6.27	5.72	5.19	4.54	3.8
1.83	3.7	3.56	3.59	3.87	1.01	7.42	6.55	5.99	5.44	4.75	3.97	3.08	2.2	1.42	0.81	0.4	0.17	0.06	0.02	0.009	7.15	6.28	5.73	5.19	4.54	3.78
1.8	3.69	3.6	3.6	3.92	1.02	7.46	6.58	6.02	5.46	4.77	3.96	3.06	2.17	1.4	0.8	0.39	0.17	0.06	0.03	0.01	7.15	6.28	5.74	5.2	4.53	3.76
2.28	3.74	3.61	3.66	3.91	1.03	7.49	6.61	6.05	5.49	4.78	3.96	3.04	2.15	1.37	0.78	0.39	0.17	0.06	0.03	0.01	7.14	6.28	5.73	5.19	4.52	3.74
2.23	3.78	3.64	3.65	3.87	1.03	7.52	6.64	6.08	5.51	4.8	3.96	3.03	2.12	1.35	0.76	0.38	0.17	0.07	0.03	0.01	7.13	6.27	5.73	5.19	4.52	3.73
2.07	3.76	3.62	3.65	3.91	1.04	7.56	6.68	6.13	5.55	4.82	3.97	3.02	2.1	1.32	0.75	0.38	0.17	0.07	0.04	0.01	7.13	6.28	5.75	5.2	4.52	3.72
0.62	3.69	3.58	3.62	3.91	1.05	7.62	6.74	6.18	5.6	4.86	3.98	3.01	2.07	1.3	0.73	0.37	0.17	0.07	0.04	0.01	7.15	6.3	5.77	5.22	4.53	3.71
1.89	3.71	3.58	3.62	3.91	1.06	7.69	6.81	6.24	5.65	4.89	3.99	3	2.05	1.28	0.72	0.37	0.17	0.07	0.04	0.01	7.18	6.33	5.8	5.25	4.54	3.71
1.79	3.69	3.55	3.61	3.9	1.07	7.77	6.88	6.31	5.7	4.93	4.01	2.99	2.03	1.26	0.7	0.36	0.17	0.07	0.04	0.01	7.22	6.38	5.84	5.28	4.56	3.71
1.63	3.79	3.62	3.63	3.93	1.08	7.84	6.94	6.37	5.75	4.95	4.02	2.98	2.01	1.24	0.69	0.35	0.17	0.08	0.04	0.02	7.27	6.42	5.88	5.31	4.57	3.71
1.69	3.72	3.57	3.64	3.92	1.09	7.9	7	6.41	5.79	4.97	4.02	2.96	1.99	1.21	0.68	0.35	0.17	0.08	0.04	0.02	7.3	6.46	5.91	5.33	4.58	3.7
2.09	3.71	3.58	3.63	3.89	1.11	7.94	7.05	6.45	5.81	4.98	4.01	2.94	1.96	1.19	0.66	0.34	0.17	0.08	0.04	0.02	7.32	6.48	5.93	5.34	4.58	3.69
2.09	3.71	3.58	3.65	3.9	1.12	7.97	7.09	6.48	5.83	4.98	3.99	2.91	1.93	1.17	0.65	0.34	0.17	0.08	0.04	0.02	7.34	6.5	5.94	5.34	4.57	3.67
1.85	3.72	3.58	3.63	3.92	1.13	7.99	7.11	6.49	5.83	4.97	3.97	2.88	1.9	1.15	0.64	0.33	0.17	0.08	0.04	0.02	7.34	6.51	5.94	5.34	4.55	3.64
1.9	3.7	3.58	3.62	3.92	1.13	8.01	7.13	6.5	5.83	4.95	3.94	2.84	1.87	1.12	0.62	0.33	0.17	0.08	0.04	0.02	7.35	6.52	5.94	5.33	4.53	3.61
2.24	3.72	3.58	3.61	3.91	1.14	8.02	7.14	6.51	5.82	4.93	3.9	2.8	1.83	1.09	0.61	0.32	0.17	0.08	0.04	0.02	7.35	6.53	5.94	5.32	4.51	3.58
2.21	3.7	3.57	3.62	3.9	1.14	8.03	7.15	6.51	5.82	4.91	3.87	2.76	1.79	1.07	0.59	0.31	0.16	0.08	0.04	0.01	7.36	6.54	5.94	5.31	4.49	3.54
1.79	3.73	3.56	3.63	3.91	1.15	8.03	7.16	6.51	5.81	4.89	3.83	2.72	1.75	1.04	0.58	0.3	0.16	0.07	0.04	0.01	7.36	6.54	5.94	5.3	4.46	3.51
1.4	3.8	3.64	3.66	3.91	1.15	8.02	7.16	6.51	5.79	4.86	3.79	2.68	1.71	1.01	0.56	0.3	0.15	0.07	0.04	0.01	7.35	6.55	5.94	5.28	4.44	3.47
2.08	3.79	3.65	3.64	3.91	1.15	8	7.15	6.5	5.77	4.83	3.75	2.63	1.67	0.98	0.55	0.29	0.15	0.07	0.03	0.01	7.34	6.54	5.93	5.27	4.41	3.44
1.91	3.74	3.6	3.64	3.92	1.15	7.97	7.12	6.47	5.74	4.8	3.72	2.59	1.64	0.96	0.53	0.28	0.15	0.07	0.03	0.01	7.31	6.52	5.91	5.24	4.38	3.41
2.14	3.71	3.58	3.63	3.92	1.14	7.92	7.08	6.44	5.71	4.76	3.68	2.56	1.6	0.94	0.52	0.28	0.15	0.07	0.03	0.01	7.27	6.49	5.89	5.21	4.35	3.37
2.04	3.73	3.58	3.65	3.9	1.14	7.86	7.04	6.4	5.67	4.72	3.64	2.52	1.57	0.92	0.51	0.28	0.15	0.07	0.03	0.01	7.22	6.45	5.85	5.18	4.32	3.34
2	3.73	3.55	3.65	3.92	1.13	7.8	6.99	6.36	5.63	4.69	3.6	2.48	1.54	0.89	0.5	0.27	0.15	0.07	0.03	0.01	7.16	6.4	5.81	5.14	4.28	3.3
2.09	3.71	3.57	3.61	3.9	1.12	7.74	6.95	6.32	5.6	4.66	3.57	2.45	1.52	0.88	0.49	0.27	0.14	0.07	0.03	0.01	7.11	6.36	5.77	5.11	4.25	3.27
2.12	3.7	3.58	3.6	3.89	1.12	7.7	6.92	6.29	5.58	4.63	3.55	2.43	1.4													

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.88	3.71	3.58	3.63	3.92	1.07	8.3	7.64	7.11	6.53	5.74	4.74	3.53	2.34	1.38	0.74	0.36	0.16	0.07	0.03	0.01	7.51	6.88	6.39	5.86	5.14	4.25
1.82	3.73	3.64	3.65	3.89	1.08	8.3	7.66	7.13	6.56	5.78	4.78	3.59	2.39	1.43	0.76	0.37	0.16	0.07	0.03	0.01	7.52	6.91	6.41	5.89	5.18	4.29
2.12	3.73	3.61	3.65	3.9	1.1	8.29	7.66	7.13	6.57	5.8	4.81	3.63	2.44	1.46	0.78	0.38	0.17	0.07	0.04	0.01	7.53	6.93	6.43	5.91	5.21	4.33
1.79	3.73	3.59	3.63	3.92	1.11	8.28	7.65	7.13	6.57	5.8	4.83	3.65	2.47	1.49	0.8	0.39	0.17	0.07	0.04	0.01	7.54	6.94	6.44	5.92	5.23	4.35
1.62	3.71	3.58	3.58	3.88	1.12	8.26	7.64	7.11	6.55	5.79	4.83	3.67	2.5	1.52	0.82	0.39	0.17	0.07	0.03	0.01	7.55	6.95	6.45	5.93	5.24	4.37
1.85	3.71	3.6	3.63	3.95	1.12	8.23	7.61	7.09	6.53	5.78	4.82	3.68	2.52	1.54	0.84	0.4	0.17	0.07	0.03	0.01	7.55	6.95	6.45	5.93	5.24	4.38
2.02	3.7	3.59	3.65	3.91	1.13	8.19	7.57	7.05	6.5	5.75	4.81	3.68	2.53	1.56	0.85	0.41	0.18	0.07	0.03	0.01	7.55	6.94	6.44	5.92	5.23	4.38
2.16	3.8	3.7	3.68	3.94	1.13	8.14	7.51	7	6.45	5.71	4.78	3.67	2.55	1.59	0.87	0.42	0.18	0.06	0.03	0.01	7.54	6.91	6.42	5.91	5.22	4.37
2.31	3.8	3.68	3.67	3.93	1.13	8.08	7.44	6.94	6.4	5.67	4.76	3.67	2.56	1.61	0.9	0.44	0.19	0.06	0.02	0.008	7.5	6.87	6.39	5.88	5.2	4.36
2.05	3.72	3.59	3.69	3.92	1.12	8	7.36	6.87	6.34	5.62	4.73	3.67	2.59	1.65	0.93	0.46	0.19	0.06	0.02	0.004	7.45	6.83	6.35	5.84	5.18	4.35
2.13	3.72	3.58	3.67	3.92	1.12	7.92	7.28	6.8	6.28	5.58	4.71	3.68	2.62	1.69	0.97	0.48	0.2	0.06	0.02	0	7.4	6.77	6.3	5.81	5.15	4.35
1.87	3.71	3.59	3.62	3.92	1.12	7.85	7.21	6.73	6.23	5.55	4.7	3.7	2.66	1.74	1.01	0.51	0.22	0.07	0.02	-0.002	7.35	6.72	6.26	5.78	5.14	4.35
2.04	3.75	3.64	3.6	3.91	1.11	7.79	7.15	6.69	6.19	5.53	4.71	3.73	2.72	1.81	1.07	0.55	0.24	0.08	0.02	-0.001	7.33	6.7	6.24	5.77	5.15	4.38
1.82	3.69	3.57	3.63	3.88	1.1	7.76	7.12	6.66	6.17	5.53	4.73	3.78	2.79	1.89	1.13	0.59	0.26	0.09	0.03	0	7.32	6.69	6.24	5.77	5.16	4.41
1.54	3.66	3.55	3.62	3.87	1.1	7.75	7.1	6.64	6.16	5.54	4.77	3.85	2.88	1.97	1.21	0.63	0.28	0.1	0.03	0.001	7.33	6.7	6.25	5.79	5.19	4.46
1.87	3.66	3.55	3.64	3.88	1.1	7.75	7.1	6.64	6.17	5.56	4.81	3.91	2.96	2.06	1.28	0.68	0.3	0.11	0.03	0.002	7.37	6.72	6.27	5.82	5.23	4.52
1.74	3.7	3.56	3.63	3.88	1.1	7.76	7.1	6.64	6.17	5.57	4.85	3.99	3.06	2.16	1.36	0.73	0.33	0.12	0.04	0.004	7.41	6.75	6.3	5.85	5.27	4.58
1.78	3.73	3.58	3.67	3.87	1.1	7.77	7.1	6.64	6.18	5.59	4.89	4.05	3.15	2.25	1.44	0.79	0.36	0.13	0.04	0.005	7.45	6.78	6.33	5.88	5.32	4.65
1.8	3.7	3.59	3.68	3.89	1.1	7.77	7.09	6.63	6.17	5.6	4.92	4.12	3.23	2.34	1.52	0.84	0.39	0.15	0.05	0.006	7.48	6.81	6.36	5.91	5.36	4.71
2.11	3.69	3.58	3.59	3.94	1.1	7.76	7.08	6.62	6.16	5.61	4.95	4.18	3.32	2.43	1.6	0.9	0.42	0.16	0.05	0.008	7.51	6.83	6.38	5.93	5.39	4.76
2.27	3.71	3.55	3.61	3.89	1.1	7.74	7.05	6.59	6.15	5.6	4.97	4.22	3.39	2.52	1.68	0.96	0.46	0.18	0.06	0.009	7.53	6.85	6.4	5.95	5.42	4.81
1.98	3.7	3.56	3.62	3.9	1.11	7.71	7.02	6.56	6.12	5.59	4.98	4.26	3.45	2.6	1.75	1.02	0.49	0.2	0.06	0.01	7.54	6.86	6.4	5.96	5.44	4.84
1.56	3.75	3.58	3.63	3.91	1.11	7.67	6.98	6.53	6.09	5.57	4.98	4.28	3.5	2.67	1.83	1.08	0.53	0.22	0.07	0.01	7.55	6.86	6.41	5.98	5.46	4.88
1.93	3.73	3.56	3.65	3.91	1.12	7.63	6.94	6.49	6.06	5.55	4.97	4.3	3.55	2.73	1.9	1.14	0.58	0.24	0.08	0.01	7.56	6.87	6.42	5.99	5.48	4.91
1.94	3.76	3.57	3.64	3.91	1.12	7.58	6.9	6.46	6.03	5.53	4.96	4.32	3.59	2.79	1.96	1.2	0.62	0.26	0.09	0.02	7.56	6.87	6.43	6	5.49	4.93
1.84	3.73	3.56	3.65	3.83	1.13	7.54	6.86	6.43	6	5.51	4.95	4.32	3.62	2.84	2.02	1.26	0.66	0.28	0.1	0.02	7.58	6.89	6.44	6.02	5.52	4.96
1.89	3.72	3.57	3.66	3.87	1.13	7.5	6.83	6.4	5.98	5.49	4.94	4.33	3.64	2.88	2.08	1.31	0.7	0.31	0.11	0.02	7.59	6.9	6.46	6.04	5.54	4.99
1.83	3.71	3.57	3.64	3.9	1.14	7.45	6.79	6.36	5.95	5.47	4.93	4.32	3.66	2.92	2.13	1.36	0.74	0.33	0.13	0.03	7.6	6.92	6.48	6.06	5.56	5.01
1.9	3.72	3.57	3.64	3.92	1.14	7.4	6.75	6.33	5.92	5.44	4.91	4.32	3.67	2.95	2.17	1.4	0.78	0.35	0.14	0.03	7.62	6.94	6.51	6.08	5.58	5.03
1.68	3.79	3.57	3.63	3.93	1.14	7.35	6.71	6.29	5.88	5.41	4.88	4.3	3.67	2.97	2.21	1.45	0.81	0.37	0.15	0.03	7.64	6.96	6.53	6.1	5.6	5.05
2.13	3.77	3.6	3.62	3.95	1.14	7.28	6.65	6.24	5.84	5.37	4.85	4.28	3.66	2.98	2.23	1.48	0.84	0.39	0.16	0.04	7.64	6.97	6.53	6.1	5.6	5.06
2.1	3.75	3.61	3.64	3.9	1.14	7.22	6.6	6.19	5.79	5.33	4.81	4.25	3.65	2.99	2.26	1.51	0.86	0.4	0.16	0.04	7.63	6.97	6.53	6.11	5.6	5.06
2.11	3.74	3.61	3.67	3.92	1.13	7.15	6.54	6.13	5.74	5.28	4.77	4.22	3.64	2.99	2.28	1.54	0.89	0.42	0.17	0.04	7.61	6.96	6.52	6.09	5.59	5.05
2.02	3.72	3.58	3.62	3.85	1.12	7.08	6.48	6.07	5.69	5.23	4.73	4.2	3.62	2.99	2.29	1.56	0.91	0.43	0.18	0.04	7.58	6.93	6.49	6.07	5.57	5.04
1.91	3.72	3.55	3.61	3.89	1.11	7.01	6.42	6.01	5.63	5.19	4.7	4.17	3.61	3	2.31	1.59	0.94	0.45	0.19	0.05	7.54	6.89	6.45	6.04	5.55	5.02
1.68	3.69	3.55	3.62	3.89	1.09	6.95	6.35	5.95	5.58	5.14	4.66	4.14	3.59	2.99	2.32	1.61	0.96	0.47	0.2	0.05	7.49	6.84	6.4	5.99	5.5	4.98
1.41	3.69	3.55	3.59	3.89	1.07	6.89	6.28	5.89	5.52	5.09	4.62	4.11	3.57	2.99	2.33	1.63	0.98	0.48	0.2	0.05	7.43	6.77	6.33	5.93	5.45	4.94
2.07	3.69	3.54	3.61	3.9	1.06	6.84	6.22	5.83	5.47	5.04	4.58	4.09	3.56	2.99	2.34	1.65	1.01	0.5	0.21	0.06	7.37	6.7	6.26	5.87	5.4	4.9
1.96	3.71	3.64	3.61	3.92	1.04	6.79	6.16	5.77	5.42	5	4.55	4.06	3.55	2.98	2.35	1.67	1.03	0.52	0.22	0.06	7.31	6.62	6.19	5.8	5.35	4.86
2.11	3.68	3.53	3.6	3.9	1.02	6.74	6.11	5.72	5.37	4.96	4.52	4.04	3.54	2.98	2.36	1.68	1.05	0.53	0.23	0.07	7.24	6.54	6.12	5.74	5.29	4.81
1.89	3.73	3.78	3.66	3.87	1.01	6.71	6.07	5.69	5.34	4.93	4.5	4.03	3.53	2.98	2.36	1.7	1.06	0.54	0.23	0.07	7.18	6.48	6.07	5.69	5.25	4.78
2.29	3.75	3.79	3.68	3.9	1	6.7	6.05	5.67	5.32	4.92	4.49	4.02	3.53	2.98	2.37	1.71	1.08	0.55	0.24	0.07	7.15	6.44	6.03	5.65	5.21	4.75
2.11	3.66	3.53	3.62	3.9	1	6.71	6.04	5.67	5.31	4.92	4.49	4.02	3.53	2.99	2.38	1.72	1.09	0.56	0.24	0.08	7.13	6.41	6	5.62	5.19	4.73
1.91	3.63	3.49	3.61	3.89	0.99	6.73	6.05	5.68	5.32	4.92	4.49	4.03	3.54	3	2.39	1.74	1.1	0.57	0.25	0.08	7.12	6.4	5.99	5.61	5.18	4.72
1.83	3.66	3.52	3.61	3.88	1	6.76	6.08	5.7	5.34	4.94	4.51	4.05	3.55	3.01	2.41	1.75	1.11	0.58	0.26	0.08	7.13	6.4	5.99	5.6	5.18	4.72
1.68	3.68	3.51	3.63	3.88	1	6.8	6.11	5.73	5.36	4.96	4.53	4.07	3.57	3.03	2.43	1.77	1.13	0.6	0.26	0.08	7.14	6.4	5.99	5.6	5.18	4.72
2	3.65	3.52	3.62	3.92	1	6.84	6.14	5.76	5.39	4.98	4.55	4.08	3.59	3.05	2.45	1.79	1.14	0.61	0.27	0.09	7.14	6.4	5.99	5.6	5.17	4.72
2.19	3.68	3.54	3.63	3.88	1	6.88	6.17	5.78	5.41	5	4.56	4.1	3.61	3.07	2.47	1.81	1.16	0.62	0.27	0.09	7.13	6.39	5.98	5.59	5.16	4.71
1.96	3.7	3.55	3.63	3.91	1.01	6.91	6.19	5.8	5.43	5.02	4.58	4.12	3.63	3.1	2.49	1.83	1.17	0.63	0.28	0.09	7.11	6.37	5.96	5.58	5.15	4.7
1.85	3.68	3.52	3.61	3.89	1.02	6.93	6.21	5.82	5.45	5.03	4.6	4.14	3.65	3.12	2.52	1.85	1.19	0.64								

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.95	3.7	3.58	3.64	3.9	1.09	8.8	8.3	7.92	7.54	7.04	6.4	5.61	4.71	3.73	2.71	1.74	0.95	0.42	0.15	0.04	8.3	7.78	7.39	7.02	6.53	5.92
1.96	3.68	3.57	3.64	3.91	1.09	8.78	8.28	7.9	7.52	7.01	6.37	5.58	4.68	3.7	2.69	1.71	0.92	0.4	0.14	0.04	8.3	7.78	7.39	7.01	6.52	5.91
2.33	3.72	3.56	3.65	3.84	1.09	8.75	8.25	7.87	7.49	6.97	6.33	5.55	4.65	3.67	2.66	1.68	0.89	0.38	0.14	0.04	8.29	7.77	7.38	7	6.5	5.89
2.45	3.74	3.61	3.68	3.88	1.09	8.72	8.22	7.83	7.45	6.93	6.29	5.51	4.62	3.64	2.62	1.64	0.86	0.36	0.13	0.04	8.27	7.76	7.37	6.99	6.48	5.87
2.06	3.75	3.6	3.67	3.95	1.09	8.67	8.17	7.79	7.4	6.89	6.25	5.47	4.58	3.61	2.59	1.61	0.83	0.34	0.12	0.03	8.25	7.74	7.35	6.97	6.46	5.84
1.99	3.72	3.6	3.65	3.87	1.09	8.61	8.11	7.73	7.35	6.83	6.2	5.42	4.54	3.57	2.55	1.57	0.8	0.32	0.11	0.03	8.22	7.71	7.32	6.94	6.43	5.82
1.82	3.69	3.57	3.63	3.85	1.09	8.54	8.05	7.67	7.29	6.77	6.14	5.37	4.49	3.52	2.5	1.52	0.76	0.3	0.1	0.03	8.17	7.66	7.28	6.9	6.39	5.78
2.08	3.72	3.6	3.64	3.92	1.09	8.48	7.99	7.61	7.23	6.72	6.08	5.32	4.44	3.48	2.45	1.48	0.73	0.28	0.09	0.02	8.13	7.63	7.24	6.86	6.36	5.75
1.85	3.7	3.58	3.65	3.87	1.09	8.42	7.92	7.55	7.17	6.66	6.03	5.26	4.38	3.42	2.4	1.43	0.69	0.26	0.09	0.02	8.09	7.59	7.21	6.83	6.32	5.71
2.21	3.71	3.58	3.65	3.91	1.09	8.36	7.87	7.5	7.11	6.6	5.96	5.2	4.32	3.35	2.33	1.37	0.65	0.24	0.08	0.02	8.07	7.55	7.17	6.79	6.29	5.67
2.28	3.68	3.59	3.63	3.89	1.09	8.33	7.82	7.45	7.06	6.54	5.91	5.13	4.25	3.28	2.26	1.31	0.61	0.22	0.07	0.02	8.06	7.53	7.15	6.77	6.26	5.63
1.72	3.7	3.59	3.6	3.92	1.09	8.29	7.78	7.4	7.01	6.48	5.84	5.05	4.16	3.19	2.17	1.24	0.57	0.2	0.07	0.02	8.05	7.51	7.13	6.74	6.22	5.59
2.23	3.69	3.55	3.56	3.89	1.09	8.26	7.73	7.35	6.95	6.41	5.76	4.96	4.06	3.08	2.07	1.17	0.52	0.18	0.06	0.02	8.04	7.49	7.11	6.7	6.17	5.53
2.13	3.68	3.55	3.6	3.89	1.09	8.23	7.69	7.31	6.9	6.35	5.67	4.86	3.95	2.97	1.97	1.09	0.48	0.16	0.05	0.01	8.04	7.48	7.09	6.68	6.13	5.47
1.83	3.65	3.55	3.6	3.9	1.09	8.19	7.64	7.25	6.83	6.26	5.57	4.73	3.81	2.83	1.86	1.01	0.44	0.15	0.04	0.01	8.02	7.46	7.06	6.63	6.07	5.39
2.14	3.67	3.56	3.65	3.93	1.09	8.14	7.59	7.19	6.75	6.16	5.45	4.59	3.65	2.68	1.73	0.93	0.39	0.13	0.04	0.01	8.01	7.44	7.03	6.59	6	5.3
2.35	3.69	3.56	3.66	3.89	1.09	8.09	7.54	7.13	6.67	6.05	5.31	4.43	3.48	2.52	1.6	0.85	0.36	0.11	0.03	0.01	8	7.43	7.01	6.54	5.93	5.19
1.97	3.7	3.56	3.64	3.85	1.09	8.05	7.5	7.06	6.58	5.94	5.16	4.26	3.29	2.35	1.47	0.77	0.32	0.1	0.03	0.007	8.01	7.43	6.99	6.5	5.85	5.08
2.08	3.71	3.57	3.64	3.92	1.09	8.02	7.45	7	6.49	5.81	5	4.07	3.1	2.17	1.34	0.69	0.29	0.09	0.02	0.005	8.04	7.45	6.98	6.46	5.77	4.96
1.96	3.71	3.56	3.64	3.93	1.09	7.99	7.41	6.93	6.4	5.68	4.83	3.87	2.9	2	1.22	0.63	0.26	0.09	0.02	0.004	8.08	7.47	6.97	6.42	5.69	4.83
1.8	3.7	3.6	3.64	3.91	1.09	7.96	7.37	6.86	6.29	5.54	4.65	3.67	2.7	1.83	1.11	0.57	0.24	0.08	0.02	0.002	8.13	7.49	6.96	6.37	5.59	4.69
1.62	3.69	3.59	3.66	3.93	1.09	7.93	7.31	6.77	6.18	5.39	4.47	3.47	2.51	1.68	1.01	0.52	0.23	0.08	0.02	0.002	8.17	7.5	6.94	6.31	5.49	4.55
2.08	3.71	3.64	3.69	3.94	1.09	7.88	7.23	6.67	6.05	5.23	4.29	3.28	2.33	1.54	0.92	0.49	0.22	0.08	0.02	0.004	8.2	7.49	6.89	6.23	5.37	4.39
1.92	3.7	3.57	3.63	3.9	1.08	7.79	7.12	6.54	5.89	5.05	4.09	3.08	2.16	1.41	0.85	0.46	0.22	0.08	0.03	0.006	8.18	7.44	6.81	6.12	5.23	4.22
1.68	3.74	3.61	3.64	3.91	1.07	7.67	6.96	6.37	5.71	4.85	3.88	2.88	1.98	1.28	0.77	0.43	0.21	0.08	0.03	0.009	8.11	7.33	6.69	5.97	5.06	4.03
2.19	3.76	3.65	3.64	3.92	1.06	7.51	6.79	6.19	5.51	4.64	3.68	2.68	1.82	1.17	0.71	0.4	0.21	0.08	0.04	0.01	7.99	7.19	6.54	5.8	4.87	3.83
2.05	3.68	3.56	3.62	3.92	1.04	7.36	6.62	6.01	5.32	4.45	3.48	2.51	1.69	1.08	0.66	0.39	0.21	0.09	0.04	0.01	7.87	7.05	6.38	5.63	4.69	3.65
1.98	3.66	3.54	3.62	3.89	1.03	7.2	6.45	5.84	5.14	4.27	3.3	2.35	1.56	0.99	0.62	0.36	0.2	0.09	0.04	0.01	7.74	6.91	6.23	5.47	4.51	3.47
1.78	3.64	3.5	3.61	3.87	1.01	7.09	6.33	5.71	5	4.12	3.16	2.22	1.46	0.93	0.58	0.35	0.2	0.09	0.04	0.01	7.64	6.8	6.11	5.33	4.37	3.33
1.77	3.65	3.49	3.61	3.91	1	7.01	6.24	5.61	4.89	4	3.03	2.11	1.38	0.88	0.56	0.34	0.19	0.09	0.04	0.01	7.59	6.73	6.03	5.23	4.25	3.21
1.82	3.64	3.51	3.59	3.88	0.99	6.97	6.2	5.56	4.82	3.91	2.94	2.03	1.32	0.85	0.55	0.34	0.19	0.09	0.04	0.01	7.57	6.7	5.98	5.17	4.17	3.11
1.78	3.66	3.53	3.6	3.88	0.98	6.96	6.18	5.52	4.76	3.83	2.85	1.95	1.26	0.81	0.53	0.33	0.18	0.09	0.04	0.01	7.58	6.7	5.96	5.12	4.1	3.03
1.88	3.67	3.52	3.6	3.9	0.97	6.97	6.18	5.5	4.72	3.77	2.78	1.88	1.22	0.79	0.51	0.32	0.18	0.08	0.04	0.01	7.6	6.71	5.95	5.08	4.04	2.95
1.86	3.67	3.53	3.6	3.9	0.97	6.98	6.18	5.48	4.68	3.71	2.71	1.82	1.17	0.76	0.5	0.31	0.17	0.07	0.03	0.009	7.62	6.71	5.93	5.04	3.97	2.88
1.77	3.68	3.56	3.56	3.91	0.96	7	6.18	5.45	4.63	3.64	2.64	1.76	1.13	0.74	0.48	0.3	0.16	0.07	0.03	0.008	7.63	6.7	5.9	4.99	3.89	2.8
2.02	3.66	3.57	3.63	3.89	0.96	7.01	6.16	5.41	4.57	3.56	2.56	1.7	1.09	0.71	0.47	0.28	0.16	0.07	0.03	0.007	7.62	6.67	5.84	4.91	3.8	2.71
2.03	3.7	3.56	3.62	3.91	0.96	7.01	6.13	5.36	4.49	3.47	2.47	1.63	1.05	0.69	0.45	0.28	0.15	0.06	0.03	0.006	7.6	6.62	5.77	4.81	3.69	2.61
1.88	3.7	3.53	3.6	3.9	0.96	7.01	6.09	5.29	4.39	3.36	2.38	1.57	1.02	0.67	0.44	0.27	0.14	0.06	0.02	0.005	7.56	6.55	5.66	4.69	3.56	2.5
1.98	3.66	3.53	3.6	3.88	0.97	7	6.04	5.19	4.28	3.24	2.27	1.5	0.98	0.64	0.42	0.26	0.14	0.05	0.02	0.005	7.52	6.46	5.54	4.54	3.42	2.39
2.04	3.64	3.54	3.62	3.87	0.97	6.99	5.97	5.09	4.15	3.11	2.17	1.43	0.94	0.62	0.41	0.25	0.13	0.05	0.02	0.005	7.46	6.36	5.4	4.39	3.27	2.27
1.95	3.86	3.74	3.64	3.94	0.98	6.97	5.89	4.96	4	2.96	2.06	1.36	0.9	0.6	0.39	0.24	0.13	0.05	0.02	0.004	7.4	6.24	5.24	4.22	3.11	2.15
1.98	4.03	3.91	3.67	3.99	0.99	6.95	5.8	4.82	3.84	2.81	1.95	1.29	0.86	0.58	0.38	0.24	0.13	0.05	0.02	0.004	7.34	6.11	5.08	4.03	2.94	2.02
1.81	3.75	3.66	3.66	3.9	1.01	6.92	5.68	4.67	3.67	2.66	1.83	1.23	0.83	0.56	0.37	0.23	0.12	0.05	0.02	0.004	7.28	5.97	4.9	3.84	2.77	1.9
1.94	3.69	3.54	3.58	3.9	1.02	6.88	5.55	4.5	3.5	2.51	1.73	1.17	0.79	0.54	0.36	0.22	0.12	0.05	0.02	0.004	7.22	5.82	4.7	3.65	2.61	1.79
2.07	3.7	3.58	3.63	3.91	1.04	6.82	5.4	4.31	3.31	2.36	1.63	1.11	0.77	0.53	0.35	0.22	0.12	0.05	0.02	0.004	7.14	5.65	4.51	3.45	2.45	1.69
2.26	3.72	3.65	3.66	3.91	1.06	6.74	5.23	4.12	3.12	2.21	1.53	1.06	0.74	0.51	0.34	0.22	0.11	0.05	0.02	0.004	7.05	5.47	4.3	3.25	2.29	1.59
2	3.7	3.57	3.65	3.91	1.08	6.65	5.04	3.92	2.95	2.08	1.45	1.02	0.72	0.51	0.34	0.22	0.12	0.05	0.02	0.006	6.96	5.28	4.09	3.07	2.16	1.5
2.07	3.72	3.61	3.66	3.85	1.1	6.55	4.86	3.73	2.78	1.96	1.39	0.99	0.71	0.5	0.34	0.22	0.12	0.06	0.03	0.008	6.86	5.09	3.9	2.9	2.04	1.44
2.29	3.76	3.69	3.72	3.87	1.11	6.44	4.67	3.55	2.64	1.87	1.34	0.96	0.7	0.5	0.34	0.22	0.13	0.06	0.03	0.01	6.75	4.9	3.71	2.75	1.94	1.38
2.26	3.72	3.58	3.66	3.9	1.12	6.32	4.49	3.39	2.51	1.79	1.3	0.94	0.69	0.5												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.05	3.68	3.52	3.58	3.91	1	5.78	4.1	3.18	2.43	1.78	1.28	0.9	0.62	0.43	0.3	0.2	0.12	0.06	0.03	0.01	6.07	4.29	3.31	2.52	1.84	1.32
2.1	3.67	3.51	3.6	3.85	1.01	5.93	4.27	3.34	2.57	1.89	1.35	0.94	0.64	0.44	0.3	0.2	0.12	0.06	0.03	0.01	6.2	4.45	3.47	2.67	1.95	1.39
2.04	3.66	3.53	3.58	3.87	1.02	6.09	4.47	3.54	2.75	2.03	1.44	0.99	0.66	0.45	0.3	0.2	0.12	0.06	0.03	0.01	6.34	4.64	3.66	2.84	2.09	1.48
2.07	3.68	3.53	3.6	3.91	1.03	6.26	4.7	3.77	2.97	2.2	1.56	1.05	0.69	0.46	0.3	0.2	0.11	0.06	0.03	0.008	6.49	4.86	3.89	3.05	2.26	1.6
2.08	3.68	3.55	3.59	3.83	1.04	6.44	4.94	4.02	3.2	2.39	1.69	1.12	0.72	0.47	0.3	0.19	0.11	0.05	0.03	0.007	6.65	5.09	4.14	3.29	2.45	1.73
1.91	3.68	3.55	3.63	3.91	1.05	6.62	5.2	4.3	3.46	2.6	1.84	1.21	0.76	0.48	0.31	0.19	0.11	0.05	0.02	0.006	6.82	5.35	4.42	3.55	2.66	1.88
1.96	3.69	3.55	3.63	3.89	1.06	6.79	5.46	4.58	3.73	2.82	2	1.3	0.81	0.5	0.31	0.19	0.1	0.05	0.02	0.005	6.99	5.61	4.7	3.82	2.89	2.04
1.87	3.69	3.55	3.62	3.92	1.08	6.97	5.72	4.86	4	3.05	2.16	1.4	0.86	0.52	0.31	0.19	0.1	0.05	0.02	0.005	7.15	5.87	4.98	4.09	3.12	2.21
1.86	3.7	3.54	3.63	3.93	1.09	7.13	5.96	5.12	4.25	3.27	2.33	1.5	0.91	0.54	0.32	0.19	0.1	0.04	0.02	0.006	7.32	6.11	5.24	4.35	3.34	2.37
1.72	3.7	3.56	3.62	3.88	1.1	7.28	6.17	5.35	4.48	3.48	2.48	1.61	0.97	0.56	0.33	0.19	0.1	0.04	0.01	0.006	7.47	6.33	5.48	4.58	3.55	2.53
2.01	3.73	3.61	3.66	3.93	1.11	7.4	6.35	5.55	4.68	3.66	2.63	1.71	1.02	0.59	0.34	0.19	0.1	0.04	0.01	0.007	7.6	6.51	5.68	4.79	3.74	2.68
1.89	3.72	3.67	3.64	3.95	1.11	7.5	6.49	5.7	4.84	3.81	2.76	1.8	1.08	0.62	0.35	0.19	0.1	0.04	0.01	0.007	7.69	6.65	5.84	4.95	3.89	2.81
1.32	3.72	3.63	3.65	3.92	1.12	7.56	6.58	5.81	4.96	3.93	2.87	1.88	1.13	0.65	0.37	0.2	0.1	0.05	0.01	0.007	7.76	6.74	5.95	5.08	4.02	2.92
1.86	3.75	3.65	3.68	3.86	1.12	7.59	6.63	5.87	5.04	4.03	2.96	1.96	1.19	0.69	0.38	0.21	0.11	0.05	0.02	0.008	7.78	6.79	6.01	5.16	4.11	3.02
2	3.72	3.61	3.64	3.91	1.12	7.59	6.64	5.91	5.1	4.1	3.03	2.03	1.24	0.72	0.4	0.22	0.11	0.05	0.02	0.009	7.79	6.81	6.05	5.22	4.19	3.1
1.87	3.69	3.56	3.62	3.9	1.12	7.58	6.65	5.93	5.14	4.16	3.11	2.1	1.3	0.76	0.42	0.23	0.12	0.06	0.02	0.01	7.78	6.82	6.08	5.26	4.26	3.17
2.01	3.68	3.53	3.62	3.93	1.12	7.56	6.65	5.95	5.18	4.22	3.18	2.17	1.36	0.8	0.45	0.24	0.12	0.06	0.02	0.01	7.77	6.83	6.11	5.31	4.32	3.25
1.76	3.69	3.52	3.62	3.92	1.12	7.56	6.67	5.99	5.24	4.29	3.26	2.25	1.42	0.84	0.47	0.25	0.13	0.06	0.03	0.01	7.78	6.87	6.16	5.37	4.4	3.34
1.78	3.69	3.56	3.63	3.92	1.12	7.57	6.71	6.04	5.31	4.38	3.35	2.33	1.49	0.88	0.49	0.25	0.13	0.06	0.03	0.01	7.82	6.92	6.23	5.46	4.5	3.44
2.12	3.7	3.59	3.61	3.9	1.11	7.61	6.78	6.12	5.39	4.48	3.45	2.42	1.55	0.92	0.51	0.26	0.13	0.06	0.03	0.01	7.87	7.01	6.32	5.56	4.61	3.55
2.01	3.7	3.58	3.64	3.87	1.11	7.65	6.85	6.21	5.5	4.59	3.57	2.52	1.63	0.97	0.53	0.27	0.13	0.06	0.03	0.01	7.95	7.1	6.44	5.69	4.74	3.67
2.12	3.71	3.59	3.64	3.85	1.11	7.7	6.93	6.31	5.61	4.7	3.68	2.62	1.7	1.01	0.55	0.27	0.13	0.06	0.02	0.01	8.03	7.21	6.56	5.82	4.87	3.8
2.17	3.72	3.57	3.61	3.92	1.1	7.73	7	6.39	5.71	4.82	3.8	2.73	1.78	1.06	0.57	0.27	0.13	0.05	0.02	0.01	8.09	7.31	6.67	5.94	5.01	3.93
1.99	3.72	3.58	3.66	3.88	1.09	7.75	7.06	6.47	5.8	4.93	3.91	2.83	1.85	1.1	0.59	0.28	0.13	0.05	0.02	0.01	8.13	7.39	6.76	6.05	5.13	4.06
2.06	3.7	3.56	3.66	3.87	1.08	7.74	7.09	6.52	5.88	5.02	4.01	2.93	1.93	1.15	0.61	0.29	0.13	0.05	0.02	0.01	8.14	7.44	6.83	6.15	5.24	4.17
2.14	3.71	3.56	3.61	3.88	1.07	7.71	7.1	6.55	5.94	5.11	4.11	3.02	2.01	1.2	0.64	0.3	0.14	0.06	0.02	0.01	8.14	7.47	6.89	6.23	5.34	4.28
2.1	3.69	3.53	3.64	3.89	1.05	7.67	7.1	6.58	5.99	5.18	4.21	3.12	2.09	1.26	0.67	0.32	0.14	0.06	0.03	0.01	8.11	7.49	6.92	6.29	5.42	4.39
2.15	3.68	3.53	3.62	3.88	1.04	7.63	7.1	6.6	6.03	5.26	4.3	3.22	2.17	1.31	0.7	0.33	0.15	0.06	0.03	0.01	8.08	7.5	6.95	6.34	5.51	4.49
1.94	3.67	3.52	3.57	3.84	1.02	7.6	7.1	6.61	6.08	5.33	4.39	3.31	2.26	1.37	0.74	0.35	0.16	0.07	0.03	0.01	8.05	7.51	6.98	6.4	5.59	4.59
2.07	3.65	3.52	3.59	3.92	1	7.57	7.1	6.63	6.12	5.4	4.48	3.41	2.34	1.44	0.77	0.37	0.17	0.07	0.03	0.01	8.02	7.51	7	6.44	5.66	4.68
1.52	3.67	3.52	3.6	3.92	0.99	7.54	7.1	6.64	6.15	5.46	4.56	3.5	2.43	1.5	0.81	0.38	0.17	0.07	0.04	0.01	7.99	7.5	7.01	6.47	5.72	4.76
1.8	3.68	3.54	3.61	3.88	0.97	7.51	7.08	6.65	6.18	5.51	4.64	3.59	2.5	1.56	0.85	0.4	0.18	0.07	0.04	0.01	7.95	7.48	7	6.49	5.76	4.83
2.15	3.66	3.56	3.62	3.88	0.96	7.47	7.06	6.63	6.18	5.54	4.7	3.66	2.58	1.62	0.88	0.42	0.19	0.08	0.03	0.01	7.89	7.43	6.97	6.48	5.78	4.88
1.77	3.68	3.55	3.63	3.88	0.94	7.41	7.01	6.6	6.17	5.56	4.74	3.73	2.65	1.68	0.93	0.44	0.2	0.08	0.03	0.01	7.8	7.35	6.91	6.44	5.78	4.91
2.12	3.68	3.55	3.59	3.86	0.93	7.35	6.95	6.56	6.15	5.56	4.78	3.79	2.72	1.74	0.97	0.47	0.21	0.08	0.03	0.01	7.7	7.25	6.84	6.39	5.76	4.92
1.95	3.75	3.71	3.6	3.87	0.92	7.29	6.89	6.52	6.12	5.56	4.81	3.85	2.79	1.81	1.02	0.5	0.22	0.08	0.03	0.01	7.6	7.15	6.75	6.33	5.73	4.93
2.11	3.68	3.59	3.56	3.85	0.91	7.23	6.83	6.48	6.1	5.56	4.84	3.91	2.87	1.87	1.07	0.52	0.23	0.08	0.03	0.01	7.49	7.05	6.67	6.26	5.69	4.93
2.06	3.63	3.52	3.57	3.86	0.9	7.21	6.81	6.46	6.09	5.58	4.88	3.98	2.95	1.95	1.13	0.55	0.24	0.08	0.03	0.008	7.43	6.98	6.61	6.22	5.68	4.95
2	3.63	3.48	3.56	3.88	0.9	7.23	6.82	6.48	6.12	5.62	4.95	4.06	3.03	2.03	1.18	0.58	0.25	0.08	0.02	0.004	7.4	6.95	6.59	6.21	5.68	4.98
1.92	3.62	3.47	3.54	3.88	0.9	7.29	6.87	6.52	6.17	5.68	5.02	4.15	3.13	2.11	1.24	0.62	0.26	0.08	0.02	-0.001	7.41	6.96	6.6	6.23	5.71	5.03
1.98	3.62	3.48	3.54	3.87	0.9	7.37	6.94	6.59	6.24	5.76	5.11	4.25	3.23	2.19	1.3	0.65	0.27	0.09	0.02	-0.002	7.46	7	6.63	6.26	5.76	5.1
2.11	3.62	3.5	3.58	3.89	0.9	7.46	7.03	6.68	6.33	5.85	5.21	4.35	3.32	2.27	1.35	0.68	0.28	0.09	0.02	-0.001	7.51	7.05	6.68	6.31	5.82	5.17
1.4	3.65	3.51	3.59	3.9	0.91	7.56	7.13	6.77	6.41	5.93	5.3	4.44	3.42	2.35	1.41	0.71	0.3	0.1	0.02	-0.001	7.57	7.11	6.73	6.37	5.87	5.23
1.63	3.67	3.56	3.58	3.9	0.92	7.65	7.21	6.85	6.49	6.01	5.38	4.53	3.5	2.43	1.47	0.75	0.31	0.1	0.02	-0.001	7.62	7.16	6.78	6.41	5.92	5.28
2.08	3.67	3.54	3.6	3.88	0.93	7.72	7.28	6.91	6.55	6.08	5.45	4.6	3.57	2.49	1.52	0.78	0.33	0.11	0.03	-0.001	7.66	7.18	6.81	6.44	5.95	5.32
2.14	3.69	3.52	3.6	3.9	0.94	7.78	7.33	6.96	6.6	6.13	5.5	4.66	3.63	2.55	1.56	0.81	0.34	0.11	0.03	-0.001	7.67	7.19	6.82	6.45	5.97	5.35
2.1	3.67	3.53	3.59	3.88	0.95	7.84	7.38	7	6.64	6.17	5.55	4.71	3.69	2.6	1.61	0.84	0.36	0.12	0.03	-0.001	7.68	7.19	6.82	6.45	5.98	5.36
2.24	3.67	3.54	3.57	3.9	0.96	7.89	7.42	7.05	6.69	6.22	5.6	4.76	3.73	2.64	1.64	0.87	0.38	0.13	0.03	0	7.68	7.18	6.81	6.45	5.98	5.37
2.51	3.68	3.57	3.62	3.86	0.97	7.96	7.47	7.09	6.73	6.26	5.64	4.8	3.77	2.68	1.68	0.9	0.39	0.13	0.04	0	7.69	7.18	6.81	6.45	5.98	5.38
2.22	3.79	3.67	3.67	3.91	0.98	8.04	7.53	7.15	6.79	6.31	5.68	4.84	3.81	2.72	1.71	0.92										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.12	3.67	3.5	3.56	3.9	0.95	7.51	7.04	6.7	6.37	5.94	5.39	4.63	3.71	2.71	1.76	1	0.49	0.2	0.07	0.01	7.62	7.11	6.75	6.41	5.96	5.39
1.58	3.67	3.53	3.56	3.88	0.96	7.57	7.1	6.76	6.43	5.99	5.42	4.65	3.72	2.71	1.76	1	0.48	0.19	0.07	0.01	7.65	7.15	6.79	6.44	5.99	5.41
1.13	3.69	3.53	3.61	3.85	0.96	7.63	7.16	6.82	6.48	6.03	5.45	4.68	3.73	2.71	1.76	1	0.48	0.19	0.07	0.01	7.68	7.18	6.82	6.47	6.01	5.42
1.11	3.74	3.58	3.62	3.88	0.96	7.7	7.22	6.87	6.53	6.07	5.48	4.69	3.73	2.71	1.76	0.99	0.48	0.19	0.07	0.01	7.7	7.2	6.84	6.49	6.02	5.43
2.14	3.66	3.54	3.62	3.92	0.97	7.75	7.26	6.92	6.56	6.11	5.51	4.71	3.74	2.72	1.76	0.99	0.48	0.19	0.07	0.01	7.71	7.2	6.85	6.49	6.03	5.43
2.12	3.66	3.54	3.61	3.89	0.98	7.79	7.3	6.95	6.6	6.14	5.54	4.73	3.76	2.73	1.76	0.99	0.48	0.19	0.07	0.01	7.72	7.2	6.86	6.5	6.03	5.44
2.07	3.68	3.52	3.58	3.89	0.99	7.83	7.33	6.98	6.63	6.17	5.56	4.75	3.77	2.74	1.77	0.99	0.48	0.19	0.07	0.01	7.72	7.21	6.86	6.51	6.05	5.45
2.22	3.67	3.53	3.59	3.88	1.01	7.87	7.37	7.02	6.66	6.2	5.6	4.78	3.8	2.75	1.77	1	0.49	0.2	0.07	0.02	7.74	7.23	6.88	6.53	6.07	5.47
1.93	3.65	3.53	3.63	3.91	1.02	7.91	7.42	7.07	6.71	6.25	5.64	4.82	3.82	2.76	1.78	1	0.48	0.2	0.08	0.02	7.77	7.27	6.92	6.57	6.11	5.52
2.19	3.67	3.53	3.59	3.91	1.04	7.96	7.48	7.13	6.77	6.31	5.69	4.86	3.85	2.78	1.78	0.99	0.48	0.2	0.08	0.02	7.83	7.34	6.99	6.64	6.18	5.57
2.13	3.69	3.54	3.63	3.9	1.06	8.03	7.55	7.2	6.84	6.37	5.75	4.91	3.88	2.79	1.78	0.99	0.48	0.2	0.08	0.02	7.91	7.43	7.08	6.72	6.26	5.65
1.95	3.69	3.56	3.63	3.85	1.08	8.09	7.63	7.27	6.91	6.43	5.81	4.95	3.91	2.8	1.78	0.98	0.47	0.2	0.07	0.02	7.99	7.53	7.17	6.81	6.34	5.72
1.98	3.7	3.6	3.63	3.92	1.1	8.15	7.7	7.33	6.97	6.49	5.85	4.99	3.93	2.81	1.78	0.98	0.47	0.19	0.07	0.02	8.08	7.64	7.26	6.91	6.43	5.79
1.76	3.74	3.65	3.67	3.88	1.12	8.19	7.76	7.38	7.02	6.53	5.89	5.01	3.95	2.82	1.78	0.97	0.46	0.19	0.07	0.02	8.16	7.73	7.35	6.99	6.5	5.85
1.78	3.73	3.62	3.64	3.92	1.13	8.2	7.78	7.4	7.04	6.55	5.9	5.02	3.95	2.82	1.78	0.97	0.46	0.19	0.07	0.02	8.21	7.79	7.4	7.04	6.54	5.9
2.01	3.77	3.67	3.66	3.94	1.14	8.19	7.78	7.4	7.03	6.54	5.89	5.02	3.95	2.82	1.77	0.97	0.46	0.19	0.07	0.02	8.24	7.82	7.43	7.07	6.57	5.92
2.08	3.77	3.64	3.64	3.9	1.14	8.16	7.74	7.36	7	6.51	5.86	4.99	3.93	2.81	1.77	0.97	0.46	0.19	0.07	0.02	8.24	7.82	7.43	7.07	6.57	5.92
1.89	3.74	3.62	3.65	3.9	1.15	8.1	7.68	7.3	6.94	6.45	5.81	4.95	3.91	2.8	1.77	0.97	0.47	0.19	0.07	0.02	8.22	7.79	7.4	7.04	6.55	5.9
2.02	3.78	3.68	3.67	3.93	1.15	8.02	7.6	7.22	6.87	6.39	5.75	4.91	3.88	2.78	1.77	0.98	0.47	0.19	0.07	0.02	8.18	7.75	7.36	7	6.51	5.86
2.13	3.72	3.58	3.62	3.88	1.15	7.94	7.51	7.14	6.79	6.31	5.69	4.86	3.84	2.76	1.76	0.98	0.47	0.19	0.07	0.02	8.13	7.69	7.31	6.96	6.47	5.83
2.2	3.73	3.59	3.64	3.85	1.15	7.87	7.43	7.06	6.72	6.25	5.63	4.81	3.81	2.74	1.76	0.98	0.48	0.2	0.08	0.02	8.11	7.66	7.28	6.93	6.44	5.81
2.26	3.79	3.65	3.64	3.9	1.15	7.81	7.37	7.01	6.67	6.2	5.59	4.77	3.78	2.73	1.75	0.99	0.48	0.2	0.08	0.02	8.11	7.64	7.27	6.92	6.43	5.8
2.35	3.73	3.61	3.61	3.91	1.14	7.78	7.33	6.98	6.63	6.17	5.56	4.75	3.76	2.72	1.75	0.99	0.48	0.2	0.08	0.02	8.13	7.66	7.29	6.93	6.44	5.8
2.36	3.73	3.6	3.58	3.9	1.14	7.76	7.31	6.96	6.61	6.15	5.54	4.73	3.75	2.71	1.74	0.99	0.48	0.2	0.08	0.02	8.17	7.7	7.33	6.96	6.47	5.83
2.14	3.73	3.57	3.62	3.9	1.14	7.75	7.3	6.96	6.61	6.14	5.53	4.72	3.74	2.7	1.74	0.98	0.48	0.2	0.08	0.02	8.23	7.75	7.38	7	6.51	5.86
2.2	3.71	3.58	3.62	3.89	1.13	7.74	7.3	6.95	6.6	6.14	5.52	4.71	3.73	2.69	1.73	0.98	0.48	0.2	0.08	0.02	8.27	7.8	7.43	7.05	6.55	5.89
1.86	3.71	3.59	3.63	3.93	1.12	7.72	7.29	6.94	6.59	6.13	5.51	4.7	3.72	2.68	1.73	0.98	0.48	0.2	0.08	0.02	8.31	7.84	7.46	7.08	6.58	5.91
1.91	3.75	3.65	3.61	3.89	1.11	7.69	7.26	6.92	6.57	6.11	5.49	4.68	3.71	2.68	1.72	0.98	0.48	0.2	0.08	0.02	8.32	7.86	7.48	7.1	6.6	5.93
2.23	3.71	3.57	3.62	3.88	1.1	7.64	7.22	6.88	6.53	6.07	5.47	4.66	3.69	2.67	1.72	0.98	0.48	0.2	0.08	0.02	8.3	7.84	7.47	7.08	6.59	5.92
1.73	3.71	3.56	3.6	3.92	1.08	7.57	7.16	6.82	6.47	6.02	5.42	4.63	3.67	2.65	1.71	0.98	0.48	0.21	0.08	0.02	8.26	7.8	7.43	7.05	6.55	5.89
1.67	3.7	3.58	3.62	3.93	1.06	7.49	7.08	6.74	6.4	5.96	5.37	4.59	3.64	2.64	1.71	0.97	0.48	0.21	0.08	0.02	8.19	7.73	7.36	6.98	6.5	5.85
1.81	3.7	3.59	3.61	3.87	1.05	7.41	6.99	6.65	6.33	5.89	5.31	4.54	3.6	2.61	1.7	0.97	0.48	0.21	0.08	0.02	8.11	7.65	7.27	6.91	6.43	5.79
2.11	3.72	3.55	3.58	3.85	1.03	7.32	6.9	6.56	6.24	5.82	5.25	4.49	3.56	2.59	1.68	0.96	0.48	0.2	0.08	0.02	8.02	7.56	7.18	6.83	6.35	5.72
2.13	3.75	3.58	3.55	3.84	1.01	7.24	6.82	6.49	6.17	5.75	5.19	4.43	3.52	2.56	1.67	0.96	0.47	0.2	0.07	0.01	7.94	7.48	7.1	6.75	6.28	5.65
1.7	3.65	3.49	3.56	3.87	1	7.18	6.76	6.42	6.1	5.68	5.13	4.38	3.48	2.54	1.66	0.95	0.47	0.19	0.07	0.01	7.88	7.41	7.03	6.68	6.21	5.59
1.48	3.66	3.48	3.61	3.88	0.99	7.12	6.7	6.36	6.05	5.62	5.07	4.33	3.44	2.51	1.64	0.95	0.46	0.18	0.06	0.01	7.83	7.36	6.97	6.62	6.15	5.53
1.82	3.65	3.51	3.59	3.9	0.98	7.07	6.65	6.31	5.99	5.57	5.01	4.28	3.4	2.48	1.63	0.94	0.46	0.18	0.06	0.01	7.78	7.31	6.93	6.57	6.1	5.47
2.1	3.68	3.51	3.59	3.88	0.97	7.03	6.6	6.26	5.94	5.52	4.96	4.23	3.36	2.46	1.62	0.94	0.46	0.18	0.06	0.01	7.74	7.26	6.88	6.52	6.04	5.42
1.82	3.69	3.5	3.62	3.9	0.96	6.98	6.55	6.21	5.89	5.46	4.91	4.18	3.33	2.44	1.62	0.94	0.46	0.18	0.06	0.01	7.69	7.21	6.83	6.47	5.98	5.36
2.1	3.71	3.52	3.63	3.9	0.95	6.93	6.51	6.17	5.84	5.41	4.86	4.14	3.3	2.43	1.62	0.94	0.46	0.18	0.06	0.01	7.64	7.16	6.78	6.41	5.93	5.3
2.08	3.72	3.54	3.6	3.89	0.95	6.88	6.46	6.12	5.8	5.37	4.81	4.1	3.27	2.42	1.62	0.95	0.47	0.18	0.06	0.01	7.59	7.1	6.73	6.36	5.87	5.25
1.6	3.7	3.54	3.58	3.89	0.94	6.85	6.42	6.09	5.76	5.33	4.77	4.07	3.25	2.41	1.62	0.95	0.47	0.18	0.06	0.009	7.54	7.06	6.68	6.31	5.83	5.2
1.49	3.67	3.51	3.6	3.9	0.93	6.82	6.4	6.07	5.74	5.3	4.74	4.04	3.23	2.4	1.62	0.95	0.47	0.17	0.06	0.009	7.5	7.02	6.65	6.28	5.79	5.16
1.96	3.9	3.71	3.73	3.91	0.92	6.81	6.39	6.05	5.72	5.29	4.73	4.03	3.22	2.4	1.61	0.95	0.47	0.17	0.06	0.009	7.48	7	6.63	6.25	5.76	5.14
1.92	3.74	3.61	3.65	3.9	0.91	6.81	6.39	6.05	5.72	5.28	4.72	4.02	3.22	2.39	1.61	0.95	0.47	0.17	0.06	0.009	7.47	6.99	6.61	6.24	5.75	5.12
2.1	3.68	3.53	3.59	3.86	0.9	6.82	6.4	6.06	5.72	5.28	4.72	4.02	3.22	2.39	1.61	0.95	0.47	0.17	0.06	0.009	7.46	6.99	6.6	6.23	5.74	5.11
2.18	3.7	3.6	3.57	3.9	0.9	6.83	6.41	6.06	5.73	5.29	4.73	4.03	3.22	2.39	1.61	0.95	0.46	0.17	0.06	0.009	7.46	6.98	6.59	6.22	5.73	5.1
2.3	3.69	3.61	3.61	3.91	0.89	6.84	6.42	6.07	5.73	5.29	4.73	4.03	3.23	2.4	1.61	0.94	0.46	0.17	0.06	0.009	7.45	6.97	6.58	6.21	5.72	5.09
2.19	3.66	3.53	3.62	3.89	0.89	6.85	6.42	6.07	5.74	5.3	4.74	4.04	3.24	2.4	1.61	0.94	0.46	0.17	0.06	0.01	7.43	6.96	6.56	6.19	5.7	5.08
1.94	3.74	3.55	3.59	3.93	0.89	6.86	6.42	6.07	5.74	5.3	4.74	4.05	3.24	2.41	1.61	0.94	0.46									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.22	3.76	3.59	3.63	3.92	1.13	8.37	7.74	7.27	6.82	6.27	5.66	4.94	4.1	3.18	2.21	1.33	0.66	0.26	0.08	0.01	8.33	7.69	7.22	6.77	6.22	5.61
1.97	3.71	3.59	3.64	3.86	1.13	8.32	7.72	7.25	6.79	6.25	5.64	4.93	4.11	3.19	2.23	1.35	0.67	0.26	0.08	0.01	8.32	7.7	7.23	6.77	6.23	5.61
2.12	3.7	3.6	3.63	3.85	1.13	8.27	7.69	7.23	6.77	6.22	5.61	4.91	4.11	3.21	2.26	1.36	0.68	0.27	0.08	0.01	8.31	7.72	7.24	6.78	6.23	5.62
2.06	3.71	3.56	3.62	3.9	1.13	8.23	7.67	7.21	6.75	6.2	5.6	4.9	4.11	3.22	2.27	1.38	0.69	0.27	0.09	0.01	8.32	7.75	7.27	6.81	6.25	5.64
1.65	3.71	3.57	3.61	3.92	1.13	8.19	7.66	7.19	6.74	6.19	5.58	4.89	4.11	3.23	2.29	1.39	0.69	0.27	0.09	0.01	8.35	7.79	7.31	6.84	6.28	5.66
1.73	3.71	3.57	3.66	3.9	1.13	8.16	7.64	7.18	6.73	6.18	5.57	4.88	4.11	3.23	2.3	1.4	0.7	0.27	0.09	0.01	8.39	7.84	7.36	6.89	6.32	5.69
1.99	3.7	3.58	3.65	3.86	1.13	8.14	7.63	7.17	6.72	6.17	5.56	4.87	4.1	3.24	2.3	1.41	0.71	0.28	0.09	0.01	8.43	7.9	7.41	6.94	6.36	5.73
1.79	3.73	3.58	3.61	3.9	1.12	8.11	7.6	7.15	6.7	6.15	5.55	4.86	4.09	3.24	2.31	1.42	0.71	0.28	0.09	0.01	8.47	7.94	7.46	6.98	6.4	5.76
1.92	3.71	3.58	3.62	3.9	1.11	8.06	7.56	7.12	6.67	6.13	5.53	4.85	4.08	3.23	2.32	1.43	0.72	0.29	0.09	0.02	8.48	7.95	7.47	7	6.42	5.78
1.77	3.73	3.58	3.61	3.85	1.1	7.98	7.49	7.06	6.63	6.09	5.5	4.83	4.07	3.23	2.32	1.44	0.74	0.3	0.1	0.02	8.47	7.93	7.47	7	6.42	5.78
1.7	3.71	3.57	3.62	3.85	1.08	7.9	7.4	6.99	6.57	6.05	5.47	4.8	4.06	3.22	2.33	1.46	0.75	0.3	0.1	0.02	8.42	7.88	7.43	6.98	6.41	5.78
2	3.71	3.54	3.62	3.9	1.06	7.8	7.31	6.92	6.51	6	5.43	4.78	4.04	3.22	2.33	1.47	0.76	0.31	0.1	0.02	8.35	7.82	7.39	6.94	6.39	5.77
1.67	3.68	3.53	3.61	3.91	1.04	7.7	7.22	6.84	6.45	5.95	5.4	4.75	4.03	3.22	2.34	1.48	0.77	0.32	0.11	0.02	8.28	7.75	7.33	6.9	6.36	5.75
1.7	3.65	3.53	3.6	3.91	1.02	7.61	7.13	6.78	6.39	5.91	5.37	4.73	4.02	3.21	2.34	1.49	0.78	0.33	0.11	0.02	8.21	7.68	7.29	6.86	6.33	5.73
2.01	3.65	3.51	3.6	3.9	1	7.54	7.08	6.73	6.36	5.89	5.35	4.72	4.01	3.21	2.34	1.49	0.79	0.33	0.11	0.02	8.15	7.64	7.25	6.84	6.32	5.72
1.78	3.62	3.5	3.57	3.9	0.98	7.5	7.04	6.71	6.34	5.88	5.34	4.72	4.01	3.21	2.34	1.49	0.79	0.33	0.11	0.02	8.12	7.62	7.24	6.83	6.32	5.73
2.08	3.64	3.52	3.61	3.88	0.97	7.47	7.03	6.7	6.33	5.87	5.34	4.72	4.01	3.21	2.34	1.49	0.79	0.33	0.11	0.02	8.11	7.61	7.23	6.83	6.32	5.73
2.02	3.67	3.53	3.61	3.9	0.95	7.46	7.03	6.69	6.33	5.88	5.35	4.73	4.01	3.21	2.34	1.49	0.79	0.33	0.11	0.02	8.1	7.61	7.23	6.83	6.33	5.74
2.18	3.69	3.53	3.59	3.87	0.94	7.45	7.03	6.69	6.34	5.88	5.35	4.73	4.02	3.21	2.34	1.49	0.79	0.33	0.11	0.02	8.09	7.61	7.23	6.83	6.33	5.74
2.18	3.68	3.53	3.57	3.9	0.93	7.44	7.02	6.69	6.34	5.89	5.36	4.74	4.02	3.21	2.34	1.49	0.79	0.33	0.11	0.02	8.07	7.59	7.22	6.83	6.33	5.74
1.88	3.68	3.53	3.59	3.84	0.92	7.42	7.01	6.68	6.33	5.89	5.36	4.74	4.02	3.22	2.34	1.49	0.79	0.33	0.11	0.02	8.03	7.57	7.2	6.81	6.31	5.73
1.81	3.67	3.52	3.6	3.88	0.92	7.4	7	6.67	6.33	5.88	5.36	4.74	4.03	3.22	2.34	1.5	0.8	0.33	0.11	0.02	7.99	7.53	7.17	6.78	6.29	5.71
1.38	3.65	3.49	3.59	3.9	0.91	7.39	6.99	6.67	6.32	5.88	5.36	4.74	4.03	3.22	2.35	1.5	0.8	0.33	0.11	0.02	7.94	7.5	7.13	6.76	6.27	5.7
1.68	3.65	3.5	3.6	3.9	0.91	7.39	6.99	6.67	6.33	5.89	5.37	4.75	4.04	3.23	2.35	1.5	0.8	0.33	0.11	0.02	7.91	7.47	7.11	6.73	6.25	5.68
1.92	3.62	3.5	3.59	3.87	0.91	7.41	7.01	6.69	6.34	5.9	5.38	4.76	4.04	3.23	2.35	1.5	0.8	0.33	0.11	0.02	7.9	7.45	7.09	6.72	6.23	5.67
2.06	3.61	3.48	3.56	3.9	0.9	7.46	7.06	6.73	6.38	5.93	5.4	4.78	4.05	3.24	2.36	1.5	0.8	0.33	0.11	0.02	7.91	7.46	7.1	6.72	6.23	5.66
1.61	3.66	3.47	3.55	3.91	0.91	7.53	7.12	6.78	6.42	5.97	5.43	4.8	4.07	3.24	2.36	1.5	0.8	0.33	0.11	0.02	7.95	7.49	7.12	6.73	6.24	5.67
1.96	3.65	3.48	3.57	3.89	0.91	7.61	7.19	6.85	6.48	6.02	5.47	4.83	4.09	3.26	2.37	1.51	0.8	0.33	0.11	0.02	7.99	7.53	7.15	6.76	6.26	5.68
2.08	3.65	3.53	3.59	3.91	0.91	7.7	7.27	6.91	6.54	6.07	5.51	4.86	4.11	3.27	2.37	1.51	0.8	0.33	0.11	0.02	8.04	7.57	7.18	6.78	6.28	5.69
2.37	3.69	3.63	3.63	3.9	0.92	7.78	7.34	6.98	6.59	6.11	5.55	4.9	4.13	3.28	2.38	1.51	0.8	0.33	0.11	0.02	8.08	7.6	7.21	6.8	6.29	5.7
2.57	3.73	3.67	3.66	3.9	0.93	7.84	7.4	7.03	6.64	6.15	5.59	4.92	4.16	3.3	2.38	1.51	0.8	0.33	0.11	0.02	8.1	7.62	7.22	6.8	6.29	5.7
1.97	3.66	3.52	3.6	3.89	0.93	7.89	7.45	7.07	6.67	6.19	5.62	4.95	4.18	3.31	2.39	1.51	0.8	0.33	0.11	0.02	8.1	7.62	7.22	6.8	6.29	5.7
1.84	3.66	3.53	3.6	3.9	0.94	7.92	7.48	7.1	6.7	6.21	5.65	4.98	4.2	3.33	2.4	1.52	0.8	0.33	0.11	0.02	8.09	7.61	7.2	6.79	6.28	5.69
2.28	3.69	3.52	3.62	3.82	0.95	7.95	7.51	7.13	6.73	6.24	5.67	5	4.22	3.35	2.41	1.52	0.8	0.33	0.11	0.02	8.06	7.6	7.19	6.78	6.27	5.69
2.08	3.68	3.54	3.63	3.88	0.96	7.97	7.54	7.15	6.76	6.27	5.7	5.04	4.25	3.37	2.42	1.53	0.8	0.33	0.11	0.02	8.04	7.58	7.17	6.77	6.27	5.69
1.89	3.65	3.53	3.59	3.86	0.97	8.01	7.58	7.19	6.8	6.31	5.74	5.07	4.28	3.39	2.44	1.53	0.8	0.33	0.11	0.02	8.04	7.58	7.17	6.77	6.27	5.69
1.35	3.65	3.52	3.56	3.87	0.98	8.06	7.63	7.24	6.84	6.36	5.79	5.11	4.32	3.42	2.45	1.53	0.8	0.33	0.11	0.02	8.05	7.59	7.18	6.78	6.28	5.71
1.97	3.69	3.53	3.59	3.91	0.98	8.12	7.69	7.29	6.9	6.41	5.83	5.16	4.36	3.45	2.47	1.54	0.8	0.33	0.11	0.02	8.07	7.61	7.2	6.8	6.31	5.73
1.91	3.69	3.53	3.58	3.9	0.99	8.19	7.75	7.35	6.96	6.46	5.89	5.2	4.4	3.48	2.48	1.54	0.8	0.33	0.1	0.02	8.1	7.65	7.23	6.84	6.34	5.76
2.09	3.74	3.59	3.61	3.92	1	8.25	7.82	7.41	7.02	6.52	5.93	5.25	4.43	3.5	2.5	1.54	0.79	0.32	0.1	0.02	8.14	7.68	7.27	6.87	6.36	5.79
2.2	3.72	3.6	3.62	3.89	1.01	8.32	7.88	7.47	7.07	6.57	5.98	5.29	4.47	3.53	2.51	1.55	0.79	0.32	0.1	0.02	8.18	7.71	7.3	6.9	6.39	5.81
2.02	3.7	3.57	3.65	3.89	1.02	8.38	7.93	7.52	7.12	6.61	6.02	5.32	4.5	3.55	2.52	1.55	0.78	0.31	0.1	0.02	8.21	7.74	7.32	6.92	6.42	5.83
1.55	3.73	3.6	3.62	3.88	1.03	8.44	7.98	7.57	7.16	6.65	6.06	5.36	4.53	3.57	2.53	1.55	0.78	0.31	0.1	0.02	8.23	7.76	7.34	6.94	6.43	5.85
1.9	3.7	3.54	3.6	3.91	1.04	8.48	8.01	7.6	7.19	6.68	6.09	5.38	4.55	3.59	2.54	1.55	0.77	0.3	0.1	0.02	8.26	7.77	7.35	6.95	6.45	5.86
2.24	3.72	3.55	3.6	3.91	1.05	8.52	8.04	7.63	7.22	6.71	6.11	5.4	4.57	3.6	2.55	1.54	0.77	0.3	0.1	0.02	8.27	7.78	7.36	6.96	6.45	5.87
1.81	3.7	3.55	3.63	3.89	1.05	8.56	8.07	7.66	7.25	6.73	6.13	5.42	4.58	3.62	2.55	1.54	0.76	0.29	0.09	0.02	8.29	7.79	7.37	6.97	6.46	5.88
2.29	3.7	3.57	3.64	3.91	1.06	8.6	8.1	7.69	7.27	6.75	6.15	5.44	4.6	3.62	2.55	1.53	0.75	0.29	0.09	0.02	8.31	7.81	7.39	6.98	6.47	5.89
2.12	3.69	3.56	3.64	3.91	1.07	8.63	8.13	7.71	7.29	6.77	6.17	5.45	4.61	3.63	2.55	1.52	0.75	0.28	0.09	0.02	8.34	7.83	7.4	6.99	6.48	5.9
1.8	3.68	3.55	3.61	3.91	1.07	8.67	8.16	7.73	7.31	6.79	6.18	5.46	4.61	3.63	2.54	1.51	0.74	0.28	0.09	0.02	8.36	7.84	7.42	7	6.49	5.9
2.02	3.7	3.57	3.6	3.91	1.08	8.7	8.18	7.75	7.32	6.79	6.19	5.46	4.61	3.61	2.52	1.49	0.72	0.27	0.08	0.02	8.					

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.78	3.74	3.65	3.67	3.89	1.04	8	7.51	7.01	6.41	5.56	4.5	3.33	2.24	1.37	0.75	0.37	0.15	0.06	0.03	0.01	8.14	7.6	7.08	6.45	5.58	4.5
2.33	3.81	3.76	3.71	3.91	1.03	7.96	7.46	6.98	6.39	5.57	4.53	3.37	2.28	1.4	0.77	0.37	0.15	0.06	0.03	0.01	8.1	7.56	7.05	6.44	5.58	4.53
2.22	3.68	3.59	3.63	3.85	1.02	7.93	7.42	6.94	6.36	5.56	4.55	3.41	2.32	1.43	0.78	0.38	0.16	0.06	0.03	0.01	8.08	7.53	7.02	6.41	5.58	4.55
1.96	3.64	3.64	3.67	3.88	1.01	7.92	7.39	6.91	6.34	5.55	4.56	3.44	2.36	1.46	0.8	0.38	0.16	0.06	0.03	0.01	8.06	7.49	6.98	6.38	5.56	4.56
1.57	3.62	3.54	3.62	3.86	1	7.93	7.38	6.89	6.32	5.54	4.57	3.47	2.39	1.49	0.82	0.39	0.17	0.06	0.03	0.01	8.06	7.47	6.96	6.36	5.55	4.57
1.29	3.62	3.52	3.61	3.85	1	7.95	7.38	6.88	6.31	5.53	4.58	3.5	2.43	1.51	0.83	0.41	0.17	0.06	0.03	0.01	8.08	7.46	6.94	6.34	5.54	4.58
0.8	3.62	3.51	3.6	3.87	0.99	7.98	7.39	6.89	6.31	5.54	4.6	3.53	2.46	1.54	0.85	0.42	0.18	0.07	0.03	0.01	8.09	7.46	6.93	6.33	5.54	4.59
1.9	3.69	3.54	3.62	3.87	0.99	8.01	7.41	6.9	6.32	5.55	4.63	3.56	2.49	1.57	0.87	0.43	0.18	0.07	0.03	0.01	8.11	7.47	6.93	6.33	5.54	4.6
1.73	3.67	3.55	3.61	3.86	0.99	8.04	7.44	6.92	6.34	5.58	4.66	3.6	2.53	1.6	0.9	0.44	0.19	0.07	0.03	0.01	8.13	7.48	6.94	6.34	5.56	4.63
1.87	3.63	3.52	3.58	3.86	0.99	8.08	7.48	6.96	6.38	5.62	4.71	3.65	2.58	1.64	0.92	0.45	0.2	0.08	0.03	0.01	8.14	7.51	6.96	6.36	5.59	4.67
1.67	3.62	3.52	3.61	3.87	1	8.11	7.52	6.99	6.42	5.68	4.77	3.71	2.63	1.68	0.95	0.47	0.21	0.08	0.04	0.01	8.16	7.53	6.99	6.4	5.64	4.72
2.07	3.61	3.53	3.59	3.86	1	8.13	7.55	7.03	6.47	5.73	4.83	3.77	2.69	1.73	0.98	0.49	0.21	0.08	0.04	0.01	8.17	7.55	7.01	6.43	5.68	4.78
2.1	3.65	3.55	3.62	3.86	1	8.14	7.58	7.07	6.52	5.79	4.91	3.85	2.76	1.78	1.02	0.5	0.22	0.08	0.04	0.01	8.16	7.57	7.03	6.47	5.74	4.85
2.02	3.71	3.61	3.61	3.87	1.01	8.14	7.6	7.09	6.56	5.85	4.98	3.93	2.83	1.84	1.06	0.52	0.22	0.08	0.03	0.01	8.15	7.57	7.05	6.5	5.79	4.91
2.15	3.63	3.54	3.62	3.85	1.01	8.13	7.6	7.11	6.6	5.91	5.05	4.01	2.92	1.91	1.1	0.54	0.23	0.08	0.03	0.01	8.12	7.56	7.05	6.53	5.83	4.97
2.03	3.65	3.56	3.61	3.84	1.02	8.11	7.6	7.13	6.63	5.97	5.13	4.11	3.01	1.99	1.15	0.57	0.24	0.08	0.03	0.01	8.09	7.55	7.06	6.55	5.88	5.04
1.86	3.65	3.54	3.62	3.89	1.02	8.08	7.58	7.13	6.65	6.02	5.21	4.2	3.1	2.07	1.21	0.6	0.25	0.08	0.03	0.01	8.05	7.52	7.05	6.56	5.92	5.11
1.56	3.64	3.53	3.61	3.87	1.02	8.06	7.57	7.13	6.67	6.06	5.28	4.29	3.2	2.15	1.27	0.63	0.26	0.08	0.03	0.009	8.01	7.49	7.04	6.58	5.96	5.17
1.49	3.64	3.53	3.6	3.87	1.02	8.04	7.56	7.13	6.69	6.11	5.35	4.38	3.3	2.24	1.33	0.66	0.27	0.08	0.03	0.006	7.98	7.47	7.04	6.59	5.99	5.24
0.95	3.65	3.54	3.61	3.88	1.03	8.02	7.55	7.14	6.71	6.15	5.42	4.47	3.4	2.32	1.38	0.68	0.27	0.08	0.02	0.003	7.95	7.46	7.03	6.6	6.03	5.3
1.72	3.65	3.55	3.62	3.86	1.03	8.01	7.55	7.15	6.74	6.19	5.49	4.56	3.49	2.41	1.44	0.71	0.28	0.08	0.02	0	7.93	7.45	7.03	6.61	6.06	5.36
1.58	3.65	3.53	3.6	3.87	1.03	8.01	7.56	7.16	6.77	6.24	5.55	4.65	3.59	2.49	1.5	0.74	0.29	0.08	0.02	-0.001	7.92	7.44	7.03	6.63	6.1	5.41
1.95	3.66	3.56	3.6	3.84	1.02	8.01	7.57	7.18	6.79	6.28	5.61	4.73	3.67	2.57	1.56	0.77	0.3	0.09	0.02	0	7.91	7.44	7.04	6.64	6.13	5.46
1.58	3.72	3.66	3.64	3.87	1.02	8.01	7.58	7.19	6.81	6.31	5.66	4.79	3.75	2.64	1.61	0.8	0.31	0.09	0.02	0.001	7.89	7.43	7.04	6.65	6.15	5.5
1.86	3.68	3.56	3.62	3.88	1.02	8.01	7.58	7.2	6.83	6.34	5.7	4.84	3.81	2.7	1.65	0.83	0.32	0.09	0.02	0.001	7.87	7.42	7.03	6.65	6.16	5.52
1.84	3.66	3.54	3.63	3.88	1.02	8.01	7.58	7.21	6.84	6.35	5.72	4.88	3.85	2.75	1.69	0.85	0.33	0.09	0.02	0.002	7.85	7.4	7.02	6.64	6.16	5.53
2.19	3.67	3.63	3.68	3.85	1.02	8	7.57	7.21	6.84	6.36	5.74	4.9	3.89	2.78	1.72	0.87	0.34	0.1	0.02	0.002	7.82	7.37	7	6.63	6.15	5.53
2.46	3.69	3.62	3.66	3.88	1.02	8	7.57	7.21	6.85	6.37	5.75	4.92	3.91	2.81	1.74	0.88	0.35	0.1	0.02	0.002	7.8	7.35	6.98	6.61	6.13	5.52
2.15	3.66	3.55	3.63	3.88	1.01	8.01	7.58	7.23	6.85	6.38	5.75	4.93	3.92	2.82	1.76	0.9	0.35	0.1	0.03	0.001	7.78	7.33	6.97	6.6	6.12	5.51
1.81	3.65	3.54	3.61	3.86	1.01	8.03	7.6	7.25	6.87	6.39	5.76	4.93	3.93	2.83	1.77	0.91	0.36	0.11	0.03	0.001	7.77	7.33	6.97	6.59	6.11	5.49
1.45	3.65	3.55	3.59	3.87	1.01	8.05	7.63	7.27	6.89	6.4	5.77	4.93	3.93	2.84	1.78	0.91	0.36	0.11	0.03	0	7.76	7.32	6.96	6.58	6.1	5.48
1.89	3.62	3.53	3.59	3.9	1.02	8.09	7.66	7.3	6.92	6.42	5.78	4.94	3.93	2.84	1.78	0.91	0.37	0.11	0.03	0	7.77	7.33	6.97	6.59	6.1	5.48
1.87	3.65	3.53	3.61	3.87	1.02	8.13	7.71	7.34	6.95	6.45	5.8	4.95	3.93	2.84	1.78	0.92	0.37	0.11	0.03	0	7.79	7.35	6.98	6.6	6.1	5.48
1.88	3.66	3.54	3.59	3.88	1.02	8.17	7.75	7.37	6.98	6.48	5.82	4.96	3.94	2.83	1.77	0.92	0.37	0.11	0.03	0	7.81	7.37	6.99	6.61	6.11	5.48
1.89	3.74	3.6	3.66	3.89	1.03	8.22	7.8	7.41	7.02	6.51	5.84	4.98	3.94	2.83	1.77	0.91	0.37	0.11	0.03	-0.001	7.83	7.39	7.01	6.62	6.12	5.49
1.66	3.68	3.57	3.64	3.9	1.03	8.28	7.84	7.45	7.05	6.54	5.87	4.99	3.94	2.82	1.76	0.91	0.37	0.11	0.03	-0.001	7.87	7.42	7.03	6.64	6.14	5.5
2.06	3.66	3.57	3.6	3.88	1.04	8.33	7.89	7.48	7.09	6.57	5.89	5.01	3.94	2.81	1.74	0.9	0.37	0.11	0.03	-0.002	7.9	7.45	7.05	6.66	6.16	5.51
2.46	3.73	3.6	3.63	3.87	1.04	8.38	7.93	7.52	7.12	6.59	5.91	5.02	3.94	2.8	1.73	0.89	0.37	0.11	0.03	-0.003	7.94	7.48	7.07	6.68	6.17	5.52
2.38	3.7	3.61	3.61	3.87	1.05	8.43	7.97	7.55	7.14	6.62	5.93	5.03	3.94	2.79	1.71	0.88	0.37	0.12	0.03	-0.004	7.98	7.51	7.09	6.69	6.18	5.53
1.96	3.66	3.57	3.61	3.86	1.06	8.48	8	7.57	7.17	6.63	5.94	5.03	3.94	2.77	1.7	0.88	0.37	0.12	0.03	-0.001	8.01	7.53	7.11	6.71	6.19	5.54
2.21	3.66	3.55	3.61	3.86	1.06	8.51	8.02	7.59	7.18	6.64	5.94	5.03	3.92	2.76	1.69	0.87	0.37	0.13	0.03	0.003	8.04	7.55	7.12	6.71	6.2	5.53
2.23	3.66	3.56	3.64	3.87	1.06	8.52	8.03	7.59	7.18	6.63	5.93	5.01	3.9	2.74	1.67	0.87	0.38	0.13	0.04	0.007	8.05	7.55	7.12	6.71	6.19	5.52
2.24	3.67	3.58	3.62	3.88	1.07	8.53	8.03	7.59	7.17	6.62	5.91	4.99	3.88	2.72	1.66	0.87	0.38	0.14	0.05	0.01	8.05	7.55	7.11	6.7	6.17	5.5
2.17	3.68	3.57	3.62	3.83	1.07	8.53	8.02	7.58	7.16	6.6	5.89	4.96	3.86	2.7	1.66	0.87	0.39	0.15	0.05	0.01	8.05	7.54	7.1	6.69	6.16	5.48
1.71	3.69	3.59	3.63	3.92	1.07	8.53	8.02	7.58	7.15	6.59	5.87	4.93	3.83	2.68	1.65	0.88	0.4	0.15	0.06	0.01	8.05	7.53	7.1	6.68	6.14	5.46
1.41	3.67	3.57	3.61	3.84	1.07	8.54	8.02	7.59	7.15	6.58	5.85	4.91	3.8	2.66	1.64	0.88	0.41	0.16	0.06	0.01	8.06	7.53	7.1	6.68	6.13	5.44
1.9	3.67	3.54	3.59	3.87	1.07	8.56	8.04	7.6	7.16	6.58	5.84	4.89	3.77	2.64	1.63	0.88	0.41	0.16	0.06	0.01	8.08	7.55	7.12	6.69	6.13	5.43
1.63	3.67	3.55	3.59	3.86	1.07	8.59	8.06	7.63	7.18	6.59	5.84	4.87	3.75	2.62	1.63	0.88	0.41	0.16	0.06	0.01	8.1	7.57	7.14	6.7	6.14	5.43
1.86	3.68	3.55	3.6	3.9	1.08	8.62	8.09	7.66	7.2	6.61	5.84	4.86	3.73	2.6	1.62	0.88	0.41	0.17	0.06	0.01	8.14	7.6	7.17	6.73	6.16	5.43
1.86	3.66	3.54	3.62	3.91	1.08	8.64	8.12	7.68	7.23	6.62	5.84	4.85	3.71	2												

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.67	3.64	4.48	3.58	3.9	0.88	7.55	7.16	6.81	6.43	5.93	5.24	4.31	3.23	2.18	1.29	0.66	0.29	0.12	0.05	0.02	7.63	7.21	6.84	6.44	5.92	5.21
1.9	3.65	4.46	3.53	3.87	0.87	7.54	7.15	6.8	6.43	5.93	5.25	4.32	3.24	2.18	1.29	0.66	0.3	0.12	0.05	0.02	7.57	7.16	6.79	6.4	5.88	5.19
2.12	3.69	4.45	3.58	3.9	0.86	7.54	7.15	6.8	6.43	5.93	5.26	4.33	3.25	2.18	1.29	0.66	0.3	0.12	0.06	0.02	7.52	7.11	6.74	6.36	5.85	5.17
1.71	3.71	4.34	3.65	3.87	1.02	7.29	6.83	6.44	5.99	5.38	4.57	3.54	2.47	1.54	0.86	0.42	0.18	0.06	0.02	0.01	7.82	7.31	6.88	6.39	5.72	4.84
1.71	3.7	4.31	3.64	3.9	1.01	7.25	6.78	6.39	5.95	5.34	4.53	3.51	2.45	1.53	0.85	0.42	0.19	0.07	0.02	0.01	7.8	7.27	6.85	6.36	5.7	4.81
1.36	3.69	4.35	3.64	3.87	1	7.19	6.7	6.33	5.89	5.29	4.49	3.48	2.43	1.52	0.85	0.43	0.19	0.07	0.03	0.01	7.75	7.2	6.79	6.31	5.65	4.78
1.79	3.65	4.34	3.61	3.89	0.99	7.13	6.62	6.26	5.82	5.23	4.44	3.44	2.41	1.51	0.85	0.43	0.2	0.07	0.03	0.01	7.69	7.12	6.72	6.24	5.59	4.73
2.07	3.7	4.35	3.62	3.92	0.97	7.06	6.55	6.19	5.76	5.17	4.39	3.4	2.38	1.5	0.86	0.43	0.2	0.08	0.03	0.01	7.62	7.05	6.65	6.18	5.53	4.67
1.6	3.64	4.36	3.62	3.88	0.96	7.01	6.5	6.14	5.71	5.13	4.35	3.37	2.36	1.5	0.86	0.44	0.2	0.08	0.03	0.01	7.57	7	6.6	6.13	5.49	4.63
1.96	3.62	4.4	3.61	3.86	0.95	6.99	6.48	6.12	5.68	5.1	4.31	3.34	2.35	1.49	0.86	0.44	0.21	0.08	0.03	0.01	7.54	6.98	6.58	6.1	5.45	4.6
2.25	3.61	4.38	3.59	3.89	0.94	6.99	6.5	6.12	5.68	5.09	4.3	3.32	2.33	1.48	0.86	0.44	0.2	0.08	0.03	0.009	7.55	7	6.59	6.1	5.44	4.58
2.31	3.65	4.36	3.59	3.88	0.94	7.02	6.54	6.15	5.7	5.09	4.29	3.31	2.32	1.48	0.85	0.44	0.2	0.07	0.03	0.008	7.58	7.05	6.62	6.12	5.44	4.57
2.3	3.64	4.32	3.61	3.88	0.93	7.07	6.61	6.2	5.74	5.11	4.3	3.31	2.31	1.47	0.85	0.43	0.19	0.07	0.03	0.007	7.64	7.12	6.67	6.16	5.47	4.58
1.83	3.64	4.3	3.64	3.86	0.93	7.13	6.67	6.25	5.78	5.14	4.31	3.3	2.3	1.46	0.84	0.43	0.19	0.07	0.02	0.006	7.7	7.19	6.73	6.21	5.5	4.59
1.71	3.65	4.34	3.65	3.87	0.93	7.18	6.73	6.3	5.82	5.17	4.32	3.3	2.3	1.45	0.83	0.42	0.19	0.07	0.02	0.005	7.74	7.24	6.77	6.24	5.52	4.59
1.87	3.64	4.32	3.66	3.87	0.93	7.21	6.76	6.33	5.85	5.19	4.33	3.3	2.29	1.45	0.83	0.42	0.18	0.06	0.02	0.005	7.77	7.26	6.8	6.26	5.53	4.6
2.15	3.65	4.33	3.67	3.89	0.93	7.23	6.77	6.35	5.87	5.2	4.33	3.3	2.29	1.44	0.82	0.42	0.18	0.06	0.02	0.005	7.76	7.25	6.79	6.26	5.53	4.59
2.09	3.66	4.36	3.63	3.89	0.92	7.23	6.76	6.35	5.87	5.21	4.34	3.3	2.28	1.44	0.82	0.42	0.18	0.06	0.02	0.004	7.73	7.22	6.77	6.24	5.52	4.58
2.12	3.64	4.35	3.59	3.83	0.92	7.22	6.75	6.35	5.88	5.21	4.34	3.29	2.27	1.44	0.82	0.42	0.18	0.06	0.02	0.004	7.68	7.16	6.73	6.22	5.5	4.55
2.05	3.63	4.36	3.6	3.83	0.92	7.21	6.74	6.35	5.88	5.21	4.33	3.29	2.27	1.43	0.82	0.42	0.18	0.06	0.02	0.004	7.63	7.11	6.69	6.18	5.47	4.53
1.9	3.6	4.33	3.57	3.85	0.93	7.21	6.73	6.35	5.88	5.22	4.33	3.28	2.26	1.43	0.82	0.42	0.18	0.06	0.02	0.004	7.57	7.06	6.65	6.15	5.44	4.5
1.92	3.59	4.32	3.53	3.86	0.93	7.22	6.74	6.36	5.89	5.22	4.33	3.28	2.26	1.43	0.82	0.42	0.18	0.06	0.02	0.004	7.54	7.03	6.62	6.12	5.41	4.47
1.92	3.64	4.34	3.56	3.86	0.94	7.25	6.77	6.37	5.9	5.22	4.32	3.27	2.26	1.43	0.82	0.42	0.18	0.06	0.02	0.004	7.52	7.02	6.6	6.1	5.38	4.45
1.69	3.65	4.33	3.61	3.85	0.95	7.28	6.79	6.39	5.91	5.22	4.32	3.26	2.25	1.43	0.82	0.42	0.18	0.07	0.02	0.005	7.53	7.01	6.59	6.08	5.36	4.42
2	3.67	4.35	3.62	3.87	0.96	7.32	6.82	6.4	5.91	5.21	4.31	3.25	2.25	1.43	0.82	0.42	0.18	0.07	0.02	0.005	7.54	7.01	6.58	6.06	5.34	4.4
2.19	3.65	4.34	3.65	3.9	0.97	7.35	6.84	6.41	5.91	5.2	4.29	3.24	2.24	1.42	0.82	0.42	0.18	0.07	0.02	0.005	7.55	7.01	6.56	6.04	5.31	4.37
2.15	3.65	4.32	3.65	3.89	0.99	7.38	6.85	6.41	5.9	5.19	4.28	3.23	2.24	1.42	0.82	0.42	0.19	0.07	0.02	0.004	7.56	7.01	6.55	6.03	5.29	4.35
1.87	3.67	4.29	3.66	3.88	1	7.39	6.86	6.41	5.89	5.18	4.27	3.23	2.23	1.42	0.82	0.42	0.19	0.07	0.02	0.004	7.56	7	6.54	6	5.26	4.33
1.94	3.71	4.34	3.65	3.87	1.01	7.4	6.86	6.4	5.89	5.17	4.26	3.22	2.23	1.42	0.82	0.42	0.19	0.06	0.02	0.003	7.55	6.99	6.52	5.99	5.25	4.31
2.1	3.68	4.36	3.65	3.86	1.02	7.41	6.86	6.41	5.89	5.17	4.26	3.22	2.22	1.41	0.82	0.42	0.19	0.06	0.02	0.003	7.55	6.98	6.52	5.98	5.24	4.31
1.87	3.69	4.37	3.65	3.84	1.03	7.41	6.86	6.42	5.9	5.18	4.26	3.22	2.22	1.41	0.82	0.42	0.19	0.06	0.02	0.002	7.55	6.98	6.52	5.99	5.25	4.31
1.63	3.69	4.38	3.62	3.84	1.03	7.42	6.87	6.43	5.92	5.19	4.28	3.22	2.22	1.41	0.81	0.42	0.19	0.06	0.02	0.002	7.56	6.99	6.53	6	5.26	4.32
1.77	3.66	4.38	3.63	3.87	1.03	7.43	6.88	6.45	5.94	5.22	4.29	3.23	2.22	1.4	0.81	0.42	0.19	0.06	0.02	0.003	7.56	6.99	6.55	6.02	5.28	4.33
2.1	3.68	4.34	3.64	3.88	1.03	7.43	6.88	6.46	5.95	5.23	4.31	3.24	2.22	1.4	0.81	0.42	0.19	0.06	0.02	0.003	7.56	6.99	6.56	6.03	5.29	4.35
2.38	3.86	4.34	3.79	3.92	1.03	7.42	6.87	6.46	5.95	5.24	4.32	3.25	2.23	1.4	0.81	0.42	0.19	0.06	0.02	0.003	7.55	6.98	6.55	6.03	5.3	4.35
1.95	3.72	4.34	3.68	3.88	1.03	7.39	6.84	6.44	5.94	5.24	4.32	3.25	2.23	1.41	0.81	0.42	0.19	0.07	0.02	0.004	7.52	6.94	6.53	6.01	5.29	4.35
1.76	3.66	4.39	3.57	3.87	1.02	7.35	6.8	6.41	5.92	5.23	4.32	3.25	2.23	1.41	0.82	0.42	0.19	0.07	0.02	0.004	7.47	6.9	6.49	5.98	5.26	4.34
1.75	3.68	4.36	3.63	3.89	1.02	7.31	6.75	6.37	5.88	5.2	4.3	3.25	2.23	1.42	0.82	0.42	0.19	0.07	0.02	0.004	7.42	6.84	6.44	5.94	5.23	4.32
1.78	3.66	4.32	3.64	3.85	1.01	7.27	6.71	6.33	5.85	5.18	4.29	3.25	2.24	1.42	0.83	0.43	0.19	0.07	0.02	0.004	7.36	6.78	6.38	5.89	5.19	4.29
1.84	3.67	4.34	3.64	3.87	1.01	7.24	6.68	6.3	5.83	5.16	4.28	3.25	2.24	1.43	0.83	0.43	0.2	0.07	0.03	0.004	7.32	6.73	6.34	5.85	5.16	4.27
1.76	3.66	4.34	3.61	3.86	1	7.23	6.67	6.29	5.82	5.16	4.28	3.25	2.26	1.44	0.84	0.43	0.2	0.07	0.03	0.005	7.29	6.7	6.31	5.82	5.14	4.26
1.45	3.68	4.3	3.65	3.86	0.99	7.24	6.67	6.29	5.82	5.16	4.3	3.27	2.27	1.45	0.85	0.44	0.2	0.07	0.03	0.006	7.28	6.69	6.29	5.81	5.14	4.26
2.06	3.66	4.28	3.64	3.86	0.99	7.26	6.69	6.31	5.84	5.19	4.32	3.3	2.3	1.47	0.85	0.44	0.2	0.07	0.02	0.006	7.29	6.69	6.29	5.82	5.15	4.28
1.94	3.63	4.26	3.64	3.87	0.98	7.3	6.73	6.34	5.88	5.23	4.37	3.34	2.33	1.49	0.86	0.44	0.2	0.07	0.02	0.006	7.3	6.71	6.31	5.84	5.17	4.31
2.1	3.68	4.29	3.66	3.9	0.98	7.33	6.77	6.38	5.93	5.28	4.42	3.39	2.38	1.52	0.88	0.45	0.2	0.07	0.02	0.005	7.32	6.74	6.33	5.87	5.21	4.35
1.92	3.65	4.28	3.65	3.87	0.98	7.37	6.82	6.43	5.98	5.34	4.49	3.46	2.43	1.55	0.89	0.45	0.19	0.06	0.02	0.005	7.33	6.77	6.37	5.91	5.26	4.41
1.63	3.64	4.31	3.63	3.85	0.97	7.4	6.87	6.48	6.04	5.41	4.56	3.53	2.48	1.59	0.91	0.46	0.2	0.06	0.02	0.005	7.35	6.8	6.4	5.95	5.31	4.47
1.59	3.64	4.32	3.64	3.87	0.97	7.43	6.92	6.54	6.11	5.48	4.64	3.6	2.55	1.64	0.94	0.47	0.2	0.07	0.02	0.006	7.36	6.84	6.45	6.01	5.38	4.54
1.5	3.64	4.26	3.64	3.88	0.97	7.46	6.98	6.6	6.18	5.56	4.72	3.68	2.62	1.68	0.96	0.48	0.2	0.07	0.02	0.007	7.37	6.87	6.49	6.06	5.44	4.6
1.5	3.63	4.26	3.62	3.87	0.97	7.49	7.03	6.67	6.24	5.63																

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
0.72	3.64	4.44	3.57	3.86	0.94	7.32	6.92	6.59	6.23	5.73	5.02	4.09	3.03	2	1.14	0.57	0.24	0.09	0.03	0.01	7.61	7.17	6.81	6.43	5.89	5.14
1.95	3.66	4.45	3.56	3.86	0.92	7.31	6.92	6.59	6.24	5.73	5.03	4.09	3.03	1.99	1.14	0.57	0.25	0.09	0.03	0.01	7.59	7.16	6.81	6.43	5.89	5.15
2.11	3.64	4.43	3.55	3.84	0.92	7.29	6.91	6.58	6.24	5.73	5.03	4.09	3.02	1.99	1.14	0.57	0.25	0.09	0.03	0.01	7.56	7.14	6.79	6.42	5.88	5.14
1.8	3.64	4.36	3.54	3.87	0.91	7.27	6.89	6.57	6.23	5.72	5.02	4.09	3.02	1.99	1.14	0.57	0.25	0.09	0.04	0.01	7.52	7.11	6.76	6.39	5.86	5.12
2.07	3.63	4.39	3.58	3.86	0.91	7.25	6.87	6.56	6.21	5.71	5.02	4.08	3.01	1.99	1.14	0.57	0.25	0.1	0.04	0.01	7.48	7.07	6.73	6.37	5.84	5.1
2.04	3.66	4.41	3.56	3.86	0.91	7.24	6.86	6.55	6.2	5.71	5.01	4.07	3.01	1.98	1.14	0.57	0.25	0.1	0.04	0.01	7.45	7.03	6.7	6.34	5.81	5.08
1.42	3.65	4.43	3.55	3.86	0.91	7.25	6.86	6.55	6.22	5.7	5	4.06	3	1.98	1.14	0.57	0.25	0.09	0.04	0.01	7.43	7.01	6.68	6.31	5.79	5.06
1.48	3.61	4.44	3.56	3.85	0.91	7.27	6.87	6.56	6.22	5.71	5.01	4.06	3	1.97	1.14	0.57	0.25	0.09	0.04	0.01	7.42	7	6.67	6.3	5.78	5.05
1.23	3.65	4.44	3.57	3.86	0.91	7.31	6.9	6.59	6.24	5.73	5.02	4.07	2.99	1.97	1.13	0.57	0.25	0.09	0.04	0.01	7.44	7.01	6.68	6.31	5.78	5.04
1.22	3.68	4.43	3.59	3.87	0.92	7.35	6.94	6.63	6.27	5.76	5.04	4.08	2.99	1.97	1.13	0.56	0.25	0.09	0.03	0.01	7.46	7.03	6.69	6.32	5.79	5.05
1.23	3.65	4.4	3.58	3.85	0.92	7.41	6.99	6.67	6.31	5.79	5.06	4.09	3	1.96	1.12	0.56	0.24	0.09	0.03	0.01	7.49	7.05	6.72	6.34	5.8	5.06
1.41	3.67	4.41	3.61	3.87	0.93	7.46	7.03	6.71	6.34	5.82	5.08	4.1	3	1.96	1.12	0.55	0.24	0.09	0.03	0.01	7.53	7.08	6.74	6.36	5.82	5.07
1.82	3.64	4.42	3.62	3.85	0.94	7.51	7.08	6.75	6.38	5.85	5.11	4.11	3	1.96	1.11	0.55	0.24	0.08	0.03	0.01	7.56	7.11	6.77	6.39	5.84	5.08
1.92	3.68	4.4	3.63	3.84	0.95	7.55	7.12	6.79	6.41	5.87	5.13	4.13	3.01	1.96	1.11	0.54	0.23	0.08	0.03	0.01	7.6	7.14	6.79	6.4	5.86	5.1
1.97	3.67	4.45	3.62	3.83	0.96	7.59	7.15	6.81	6.43	5.9	5.14	4.14	3.01	1.95	1.1	0.54	0.23	0.08	0.03	0.01	7.62	7.15	6.81	6.42	5.87	5.1
1.99	3.75	4.43	3.66	3.9	0.97	7.63	7.18	6.84	6.45	5.91	5.15	4.14	3.01	1.95	1.1	0.53	0.22	0.08	0.03	0.01	7.65	7.18	6.83	6.43	5.88	5.11
2.3	3.75	4.43	3.6	3.89	0.98	7.66	7.2	6.86	6.47	5.93	5.16	4.15	3.01	1.95	1.1	0.53	0.22	0.08	0.03	0.01	7.67	7.2	6.85	6.45	5.89	5.12
2.46	3.7	4.44	3.59	3.86	0.99	7.68	7.23	6.88	6.49	5.94	5.17	4.15	3.01	1.94	1.09	0.53	0.22	0.08	0.03	0.01	7.7	7.22	6.87	6.46	5.9	5.12
2.04	3.69	4.46	3.58	3.85	1	7.71	7.25	6.9	6.5	5.94	5.17	4.14	3	1.94	1.09	0.53	0.22	0.08	0.03	0.01	7.72	7.24	6.89	6.48	5.91	5.13
1.92	3.69	4.44	3.6	3.86	1	7.72	7.26	6.91	6.51	5.95	5.17	4.14	2.99	1.93	1.08	0.52	0.22	0.08	0.02	0.01	7.74	7.26	6.9	6.49	5.91	5.13
1.82	3.7	4.43	3.63	3.91	1.01	7.72	7.26	6.91	6.5	5.94	5.15	4.12	2.98	1.92	1.08	0.52	0.22	0.08	0.02	0.01	7.74	7.26	6.9	6.49	5.91	5.12
2.03	3.68	4.45	3.62	3.85	1.02	7.71	7.25	6.9	6.49	5.92	5.13	4.1	2.96	1.9	1.07	0.51	0.22	0.08	0.03	0.01	7.74	7.26	6.9	6.48	5.9	5.1
1.69	3.69	4.44	3.61	3.87	1.02	7.68	7.23	6.88	6.47	5.9	5.11	4.07	2.93	1.88	1.06	0.51	0.22	0.08	0.03	0.01	7.73	7.25	6.89	6.47	5.89	5.09
1.71	3.7	4.47	3.56	3.81	1.02	7.66	7.2	6.85	6.44	5.87	5.08	4.04	2.91	1.86	1.05	0.5	0.21	0.08	0.03	0.01	7.71	7.23	6.87	6.45	5.87	5.06
1.71	3.67	4.45	3.6	3.86	1.03	7.63	7.18	6.82	6.42	5.84	5.05	4.01	2.88	1.84	1.03	0.5	0.21	0.08	0.03	0.01	7.7	7.22	6.85	6.43	5.85	5.04
1.61	3.66	4.43	3.59	3.81	1.03	7.62	7.16	6.8	6.4	5.82	5.02	3.99	2.85	1.82	1.02	0.49	0.21	0.08	0.03	0.01	7.7	7.22	6.85	6.43	5.84	5.03
1.85	3.66	4.44	3.6	3.8	1.03	7.61	7.16	6.79	6.38	5.8	5	3.96	2.83	1.8	1.01	0.49	0.21	0.08	0.03	0.01	7.71	7.23	6.86	6.43	5.83	5.02
1.84	3.67	4.42	3.58	3.89	1.03	7.62	7.16	6.8	6.38	5.79	4.99	3.94	2.81	1.78	1	0.48	0.21	0.08	0.04	0.01	7.74	7.26	6.88	6.45	5.84	5.01
1.86	3.66	4.44	3.59	3.87	1.03	7.63	7.17	6.8	6.38	5.79	4.98	3.92	2.79	1.76	0.98	0.47	0.2	0.08	0.04	0.01	7.78	7.28	6.9	6.46	5.85	5.01
1.67	3.67	4.46	3.6	3.88	1.03	7.64	7.18	6.81	6.39	5.79	4.96	3.9	2.77	1.75	0.97	0.47	0.2	0.08	0.04	0.01	7.81	7.32	6.93	6.49	5.86	5.02
1.91	3.68	4.45	3.6	3.87	1.03	7.65	7.19	6.82	6.39	5.78	4.95	3.89	2.74	1.73	0.95	0.46	0.2	0.08	0.04	0.01	7.84	7.35	6.96	6.51	5.87	5.02
2.27	3.69	4.47	3.61	3.89	1.02	7.65	7.19	6.81	6.38	5.77	4.94	3.87	2.72	1.71	0.94	0.45	0.2	0.08	0.04	0.01	7.85	7.36	6.97	6.51	5.87	5.01
2.16	3.69	4.42	3.61	3.87	1.02	7.63	7.18	6.8	6.37	5.75	4.91	3.84	2.7	1.7	0.93	0.45	0.2	0.08	0.04	0.01	7.86	7.37	6.97	6.51	5.87	5
2.11	3.72	4.45	3.63	3.87	1.02	7.61	7.16	6.78	6.34	5.73	4.89	3.82	2.68	1.68	0.92	0.44	0.19	0.08	0.04	0.01	7.85	7.36	6.97	6.5	5.85	4.98
2.16	3.75	4.46	3.63	3.83	1.01	7.58	7.13	6.75	6.31	5.69	4.86	3.79	2.66	1.67	0.92	0.44	0.19	0.08	0.04	0.01	7.84	7.35	6.95	6.49	5.84	4.96
1.84	3.69	4.46	3.6	3.84	1.01	7.54	7.09	6.72	6.28	5.66	4.83	3.77	2.64	1.66	0.91	0.44	0.19	0.08	0.04	0.01	7.82	7.33	6.93	6.46	5.81	4.94
1.8	3.7	4.48	3.59	3.84	1	7.51	7.06	6.68	6.24	5.62	4.79	3.74	2.62	1.64	0.91	0.44	0.19	0.08	0.04	0.01	7.8	7.31	6.91	6.44	5.79	4.92
1.81	3.68	4.5	3.55	3.85	1	7.47	7.02	6.64	6.2	5.59	4.76	3.71	2.6	1.63	0.9	0.44	0.19	0.08	0.04	0.01	7.77	7.28	6.88	6.42	5.76	4.89
1.8	3.67	4.46	3.57	3.88	0.99	7.43	6.98	6.6	6.17	5.56	4.73	3.68	2.58	1.62	0.89	0.44	0.2	0.08	0.04	0.01	7.76	7.27	6.86	6.4	5.74	4.87
1.83	3.72	4.49	3.59	3.85	0.99	7.39	6.95	6.58	6.14	5.53	4.7	3.66	2.56	1.6	0.89	0.43	0.2	0.08	0.04	0.02	7.74	7.26	6.85	6.39	5.73	4.86
1.85	3.83	4.46	3.66	3.89	0.98	7.37	6.93	6.56	6.12	5.51	4.68	3.64	2.54	1.59	0.88	0.43	0.2	0.08	0.04	0.02	7.73	7.25	6.85	6.38	5.73	4.85
1.79	3.66	4.47	3.6	3.85	0.98	7.35	6.92	6.55	6.11	5.5	4.67	3.62	2.52	1.57	0.87	0.43	0.2	0.08	0.04	0.02	7.73	7.26	6.85	6.38	5.73	4.84
2.09	3.65	4.49	3.59	3.84	0.97	7.35	6.92	6.54	6.11	5.49	4.66	3.61	2.51	1.56	0.86	0.42	0.19	0.08	0.04	0.01	7.74	7.27	6.86	6.39	5.73	4.84
1.66	3.67	4.48	3.57	3.87	0.97	7.35	6.92	6.55	6.11	5.49	4.65	3.59	2.48	1.54	0.84	0.42	0.19	0.08	0.04	0.01	7.76	7.28	6.87	6.4	5.73	4.83
1.76	3.65	4.47	3.56	3.89	0.96	7.35	6.92	6.54	6.1	5.48	4.64	3.57	2.46	1.52	0.83	0.41	0.19	0.08	0.04	0.01	7.76	7.28	6.88	6.4	5.72	4.82
1.65	3.65	4.48	3.57	3.89	0.95	7.35	6.91	6.54	6.09	5.47	4.62	3.55	2.44	1.5	0.82	0.41	0.19	0.07	0.03	0.01	7.76	7.27	6.86	6.38	5.7	4.8
2.06	3.64	4.42	3.57	3.78	0.94	7.35	6.89	6.52	6.07	5.44	4.59	3.52	2.42	1.49	0.82	0.41	0.19	0.07	0.03	0.01	7.74	7.24	6.83	6.35	5.67	4.76
2.14	3.63	4.45	3.57	3.86	0.94	7.33	6.86	6.49	6.04	5.41	4.56	3.49	2.39	1.47	0.81	0.41	0.19	0.08	0.03	0.01	7.7	7.18	6.78	6.29	5.62	4.71
1.98	3.66	4.47	3.56	3.85	0.93	7.32	6.82	6.45	6	5.37	4.52	3.46	2.37	1.46	0.82	0.41	0.19	0.08	0.04	0.01	7.66	7.11	6.71	6.23	5.55	4.65
1.98	3.64	4.49	3.55	3.88	0.93	7.31	6.79	6.42	5.97	5.34	4.48	3.43	2.35	1.46	0.82	0.42										

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.58	3.76	4.37	3.67	3.88	1.09	8.29	7.55	6.85	5.94	4.69	3.22	1.8	0.8	0.29	0.09	0.02	0.003	-0.01	0.001	0.004	8.15	7.39	6.69	5.79	4.56	3.13
2.02	3.7	4.37	3.66	3.86	1.09	8.11	7.36	6.67	5.78	4.56	3.13	1.76	0.79	0.3	0.1	0.02	0.005	-0.01	0.001	0.003	8.03	7.25	6.56	5.67	4.47	3.07
1.76	3.66	4.37	3.63	3.88	1.08	7.95	7.18	6.49	5.62	4.43	3.04	1.72	0.78	0.3	0.1	0.03	0.01	-0.006	0.003	0.002	7.92	7.12	6.42	5.55	4.36	2.99
2	3.67	4.38	3.63	3.85	1.08	7.82	7.02	6.33	5.47	4.3	2.95	1.66	0.76	0.3	0.11	0.04	0.01	-0.004	0.004	0.002	7.83	7.01	6.31	5.43	4.26	2.92
1.73	3.63	4.36	3.62	3.85	1.08	7.72	6.89	6.21	5.34	4.18	2.86	1.61	0.74	0.3	0.11	0.04	0.01	-0.003	0.005	0.002	7.79	6.93	6.22	5.34	4.17	2.85
1.91	3.65	4.36	3.63	3.87	1.07	7.66	6.81	6.11	5.24	4.09	2.78	1.56	0.72	0.29	0.11	0.04	0.01	-0.003	0.005	0.001	7.79	6.9	6.17	5.28	4.1	2.78
1.87	3.66	4.32	3.64	3.83	1.07	7.64	6.76	6.05	5.17	4.01	2.71	1.51	0.7	0.29	0.11	0.04	0.01	-0.003	0.004	0.001	7.81	6.89	6.15	5.24	4.05	2.72
1.99	3.68	4.31	3.66	3.89	1.06	7.63	6.74	6.01	5.11	3.94	2.64	1.47	0.68	0.28	0.11	0.04	0.01	-0.003	0.004	0.002	7.85	6.91	6.14	5.21	4	2.67
2.04	3.69	4.29	3.63	3.9	1.06	7.62	6.71	5.96	5.06	3.87	2.58	1.42	0.66	0.28	0.11	0.04	0.01	-0.002	0.004	0.002	7.89	6.91	6.13	5.18	3.95	2.62
1.93	3.68	4.38	3.65	3.84	1.05	7.6	6.67	5.91	4.99	3.8	2.52	1.38	0.64	0.27	0.11	0.05	0.01	-0.002	0.004	0.002	7.9	6.9	6.1	5.13	3.89	2.57
1.55	3.68	4.41	3.64	3.9	1.04	7.55	6.6	5.82	4.9	3.72	2.45	1.34	0.62	0.27	0.12	0.05	0.01	-0.001	0.005	0.002	7.87	6.85	6.03	5.06	3.82	2.51
1.56	3.69	4.36	3.64	3.89	1.03	7.47	6.49	5.71	4.79	3.62	2.38	1.3	0.61	0.27	0.12	0.05	0.01	-0.001	0.005	0.001	7.8	6.76	5.93	4.96	3.73	2.44
1.53	3.67	4.38	3.58	3.86	1.02	7.36	6.36	5.57	4.66	3.51	2.3	1.26	0.59	0.27	0.12	0.05	0.01	0	0.005	0.001	7.7	6.63	5.79	4.83	3.61	2.36
1.55	3.63	4.36	3.56	3.86	1.01	7.23	6.21	5.41	4.51	3.38	2.21	1.22	0.58	0.27	0.13	0.06	0.02	0.001	0.005	0	7.56	6.47	5.63	4.67	3.49	2.27
1.74	3.61	4.34	3.6	3.87	1.01	7.09	6.04	5.24	4.35	3.25	2.13	1.18	0.57	0.27	0.13	0.06	0.02	0.002	0.006	0	7.42	6.31	5.45	4.51	3.36	2.19
1.65	3.65	4.31	3.63	3.87	1.01	6.96	5.88	5.07	4.19	3.13	2.05	1.14	0.56	0.27	0.13	0.06	0.02	0.003	0.006	0	7.28	6.14	5.28	4.36	3.23	2.11
1.82	3.64	4.28	3.64	3.87	1	6.84	5.74	4.92	4.05	3.01	1.97	1.11	0.56	0.28	0.14	0.07	0.02	0.004	0.006	-0.001	7.17	5.99	5.13	4.21	3.11	2.03
1.17	3.66	4.27	3.65	3.87	1.01	6.76	5.61	4.79	3.92	2.91	1.91	1.08	0.56	0.28	0.14	0.07	0.03	0.005	0.006	-0.001	7.07	5.87	4.99	4.08	3.01	1.97
1.99	3.67	4.31	3.61	3.86	1.01	6.69	5.52	4.68	3.81	2.82	1.86	1.07	0.56	0.29	0.15	0.07	0.03	0.005	0.007	-0.001	7.02	5.77	4.88	3.97	2.93	1.92
1.58	3.65	4.32	3.63	3.89	1.01	6.66	5.44	4.59	3.73	2.75	1.82	1.05	0.56	0.3	0.15	0.07	0.03	0.005	0.007	-0.002	6.98	5.7	4.79	3.88	2.86	1.88
1.15	3.64	4.31	3.65	3.83	1.01	6.63	5.38	4.52	3.66	2.7	1.79	1.05	0.57	0.3	0.16	0.08	0.03	0.006	0.007	-0.001	6.97	5.64	4.72	3.81	2.81	1.85
1.11	3.63	4.31	3.64	3.88	1.02	6.61	5.33	4.46	3.6	2.66	1.77	1.04	0.57	0.31	0.16	0.08	0.03	0.006	0.007	-0.001	6.95	5.59	4.66	3.76	2.77	1.83
1.93	3.65	4.27	3.63	3.89	1.02	6.59	5.28	4.41	3.56	2.63	1.76	1.04	0.58	0.31	0.16	0.08	0.03	0.006	0.006	-0.001	6.94	5.54	4.61	3.71	2.74	1.82
1.93	3.7	4.29	3.66	3.88	1.03	6.56	5.24	4.36	3.52	2.6	1.75	1.05	0.59	0.32	0.17	0.08	0.03	0.006	0.006	-0.001	6.91	5.5	4.57	3.67	2.71	1.81
1.8	3.65	4.32	3.67	3.86	1.03	6.52	5.19	4.32	3.49	2.59	1.74	1.05	0.59	0.33	0.17	0.08	0.04	0.008	0.007	-0.001	6.88	5.46	4.54	3.64	2.69	1.8
1.38	3.67	4.31	3.64	3.89	1.03	6.48	5.16	4.3	3.46	2.57	1.74	1.05	0.6	0.33	0.18	0.08	0.04	0.009	0.007	-0.001	6.84	5.42	4.51	3.62	2.68	1.8
1.79	3.62	4.29	3.63	3.89	1.03	6.45	5.14	4.28	3.45	2.57	1.74	1.06	0.61	0.34	0.18	0.09	0.04	0.01	0.007	-0.001	6.81	5.41	4.5	3.62	2.68	1.8
1.92	3.61	4.32	3.62	3.87	1.03	6.43	5.14	4.29	3.46	2.57	1.74	1.06	0.61	0.34	0.19	0.09	0.04	0.01	0.008	-0.001	6.81	5.43	4.51	3.63	2.69	1.81
1.88	3.61	4.27	3.62	3.81	1.03	6.43	5.17	4.31	3.48	2.58	1.75	1.07	0.62	0.35	0.19	0.1	0.04	0.01	0.009	-0.001	6.83	5.47	4.55	3.66	2.7	1.82
1.82	3.61	4.26	3.66	3.86	1.03	6.45	5.22	4.35	3.51	2.6	1.76	1.08	0.63	0.36	0.2	0.1	0.05	0.01	0.01	0.001	6.87	5.54	4.6	3.7	2.73	1.84
1.94	3.62	4.26	3.63	3.84	1.03	6.49	5.27	4.39	3.54	2.62	1.78	1.09	0.64	0.36	0.2	0.1	0.05	0.02	0.01	0.002	6.93	5.61	4.66	3.74	2.76	1.86
1.82	3.65	4.23	3.66	3.87	1.02	6.52	5.32	4.44	3.57	2.64	1.79	1.1	0.64	0.37	0.21	0.11	0.05	0.02	0.01	0.003	6.99	5.68	4.72	3.78	2.79	1.88
2.11	3.66	4.22	3.69	3.88	1.02	6.54	5.36	4.47	3.6	2.66	1.81	1.11	0.65	0.38	0.21	0.11	0.06	0.02	0.01	0.005	7.02	5.73	4.76	3.81	2.81	1.89
1.93	3.66	4.28	3.64	3.9	1.01	6.53	5.37	4.48	3.61	2.67	1.82	1.13	0.66	0.38	0.21	0.12	0.06	0.03	0.02	0.006	7.02	5.74	4.78	3.83	2.82	1.91
1.95	3.65	4.27	3.64	3.88	1	6.51	5.35	4.48	3.62	2.69	1.83	1.14	0.67	0.39	0.22	0.12	0.06	0.03	0.02	0.007	7	5.74	4.78	3.84	2.84	1.92
2.08	3.65	4.26	3.64	3.86	0.99	6.46	5.33	4.48	3.63	2.7	1.85	1.16	0.68	0.4	0.22	0.12	0.06	0.03	0.02	0.006	6.95	5.71	4.78	3.85	2.85	1.94
1.97	3.63	4.29	3.6	3.85	0.98	6.42	5.32	4.48	3.65	2.73	1.88	1.18	0.7	0.4	0.22	0.12	0.06	0.03	0.01	0.005	6.89	5.69	4.78	3.87	2.88	1.97
2.04	3.62	4.32	3.62	3.83	0.97	6.39	5.33	4.52	3.69	2.78	1.93	1.22	0.72	0.41	0.22	0.12	0.06	0.02	0.01	0.004	6.85	5.69	4.8	3.91	2.93	2.02
1.98	3.61	4.28	3.6	3.85	0.96	6.4	5.38	4.59	3.78	2.87	2.01	1.27	0.75	0.42	0.22	0.11	0.05	0.02	0.01	0.003	6.85	5.73	4.87	3.99	3.01	2.1
2.06	3.59	4.23	3.61	3.84	0.95	6.45	5.47	4.7	3.9	2.99	2.11	1.34	0.79	0.44	0.23	0.11	0.05	0.02	0.01	0.001	6.89	5.81	4.98	4.11	3.14	2.2
2.02	3.61	4.19	3.62	3.85	0.94	6.55	5.61	4.86	4.07	3.15	2.25	1.44	0.85	0.47	0.24	0.11	0.05	0.01	0.009	0.001	6.98	5.95	5.14	4.28	3.3	2.35
1.9	3.61	4.22	3.6	3.84	0.94	6.67	5.76	5.03	4.26	3.34	2.41	1.56	0.91	0.5	0.25	0.11	0.04	0.01	0.007	0	7.09	6.1	5.31	4.47	3.49	2.51
1.87	3.63	4.26	3.62	3.87	0.93	6.79	5.92	5.22	4.46	3.54	2.59	1.69	0.99	0.54	0.26	0.11	0.04	0.01	0.005	-0.001	7.19	6.25	5.49	4.68	3.7	2.69
2.28	3.64	4.28	3.64	3.88	0.93	6.9	6.07	5.39	4.66	3.75	2.77	1.83	1.09	0.59	0.28	0.12	0.04	0.008	0.004	-0.001	7.28	6.38	5.66	4.87	3.9	2.87
2.29	3.63	4.27	3.64	3.89	0.93	6.99	6.2	5.56	4.85	3.95	2.97	1.99	1.19	0.64	0.31	0.13	0.05	0.01	0.004	-0.001	7.34	6.49	5.8	5.05	4.1	3.06
2.27	3.63	4.33	3.66	3.86	0.93	7.05	6.3	5.69	5.02	4.15	3.16	2.15	1.3	0.71	0.34	0.14	0.05	0.01	0.005	-0.001	7.35	6.55	5.91	5.2	4.28	3.25
2.14	3.66	4.31	3.65	3.85	0.94	7.09	6.38	5.82	5.18	4.34	3.35	2.31	1.42	0.78	0.37	0.16	0.05	0.01	0.006	0	7.35	6.6	6	5.33	4.45	3.42
2.22	3.62	4.32	3.59	3.83	0.94	7.14	6.47	5.94	5.34	4.52	3.55	2.49	1.55	0.85	0.41	0.18	0.06	0.01	0.008	0.001	7.35	6.65	6.09	5.46	4.62	3.61
1.92	3.64	4.27	3.59	3.88	0.94	7.19	6.56	6.06	5.49	4.71	3.74	2.67	1.68	0.94	0.45	0.19	0.07	0.01	0.009	0.002	7.36	6.7	6.18	5.59	4.78	3.79
1.74	3.58																									

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.72	3.63	4.1	3.62	3.88	1.04	7.02	6.61	6.24	5.88	5.34	4.62	3.69	2.68	1.75	1.01	0.5	0.19	0.05	0.01	-0.002	7.59	7.14	6.74	6.34	5.75	4.96
1.62	3.66	4.1	3.67	3.85	1.04	6.95	6.54	6.17	5.81	5.27	4.55	3.63	2.63	1.73	1.01	0.5	0.19	0.05	0.01	-0.002	7.55	7.1	6.69	6.29	5.7	4.9
1.59	3.69	4.13	3.68	3.89	1.03	6.88	6.47	6.11	5.74	5.2	4.48	3.57	2.6	1.71	1	0.5	0.2	0.05	0.02	-0.002	7.51	7.06	6.65	6.25	5.65	4.85
1.59	3.66	4.13	3.68	3.84	1.03	6.82	6.41	6.05	5.68	5.14	4.42	3.52	2.56	1.7	1	0.51	0.2	0.05	0.02	-0.002	7.48	7.02	6.62	6.2	5.6	4.81
2.07	3.65	4.11	3.62	3.87	1.02	6.76	6.36	6	5.63	5.09	4.38	3.48	2.54	1.69	1	0.51	0.2	0.06	0.02	-0.002	7.45	7	6.6	6.18	5.57	4.77
2.01	3.72	4.13	3.71	3.82	1.01	6.7	6.32	5.96	5.58	5.05	4.34	3.45	2.52	1.68	1	0.51	0.21	0.06	0.02	-0.002	7.43	6.99	6.59	6.16	5.55	4.75
1.22	3.65	4.14	3.65	3.83	1	6.66	6.29	5.93	5.56	5.02	4.32	3.44	2.51	1.68	1	0.51	0.21	0.06	0.02	-0.002	7.42	6.99	6.59	6.16	5.55	4.75
1.87	3.66	4.09	3.65	3.86	0.99	6.62	6.26	5.91	5.53	5	4.3	3.43	2.51	1.67	1	0.51	0.2	0.06	0.02	-0.002	7.41	6.99	6.59	6.16	5.55	4.76
2.07	3.61	4.08	3.69	3.84	0.98	6.58	6.23	5.89	5.52	5	4.3	3.43	2.51	1.68	0.99	0.5	0.2	0.06	0.02	-0.001	7.4	7	6.6	6.17	5.56	4.77
1.87	3.62	4.17	3.66	3.88	0.97	6.55	6.21	5.87	5.51	4.99	4.3	3.44	2.52	1.68	0.99	0.5	0.2	0.06	0.02	-0.001	7.39	6.99	6.6	6.18	5.58	4.79
1.77	3.62	4.22	3.65	3.87	0.96	6.51	6.18	5.84	5.5	4.99	4.31	3.45	2.53	1.68	0.99	0.49	0.2	0.06	0.01	0	7.36	6.97	6.59	6.18	5.6	4.81
2.17	3.61	4.21	3.64	3.89	0.95	6.47	6.15	5.82	5.49	4.99	4.32	3.46	2.54	1.69	0.99	0.49	0.19	0.06	0.01	0	7.33	6.95	6.58	6.18	5.61	4.83
2.3	3.59	4.18	3.62	3.88	0.93	6.44	6.12	5.81	5.48	5	4.34	3.48	2.55	1.69	0.98	0.48	0.19	0.06	0.01	0.002	7.31	6.93	6.57	6.19	5.62	4.85
2.11	3.59	4.12	3.61	3.86	0.92	6.42	6.1	5.8	5.48	5.01	4.35	3.49	2.56	1.69	0.98	0.48	0.19	0.06	0.02	0.003	7.28	6.91	6.56	6.19	5.63	4.87
2.21	3.58	4.18	3.63	3.88	0.91	6.42	6.1	5.8	5.49	5.02	4.36	3.51	2.57	1.69	0.97	0.47	0.19	0.06	0.01	0.004	7.28	6.9	6.56	6.19	5.64	4.88
2.15	3.58	4.18	3.62	3.85	0.9	6.44	6.11	5.81	5.5	5.03	4.37	3.51	2.57	1.69	0.97	0.47	0.19	0.05	0.01	0.004	7.29	6.9	6.56	6.19	5.65	4.88
1.86	3.56	4.19	3.6	3.85	0.9	6.48	6.13	5.83	5.51	5.04	4.38	3.51	2.56	1.68	0.96	0.46	0.18	0.05	0.01	0.004	7.31	6.9	6.56	6.19	5.64	4.88
1.8	3.56	4.18	3.61	3.81	0.89	6.53	6.15	5.85	5.53	5.05	4.38	3.5	2.55	1.66	0.94	0.45	0.18	0.05	0.01	0.003	7.34	6.91	6.56	6.19	5.63	4.86
2.08	3.57	4.21	3.61	3.79	0.89	6.58	6.19	5.87	5.54	5.05	4.37	3.48	2.52	1.64	0.93	0.44	0.18	0.05	0.01	0.003	7.36	6.91	6.55	6.17	5.61	4.83
2.17	3.59	4.24	3.62	3.84	0.89	6.64	6.22	5.9	5.55	5.05	4.35	3.45	2.49	1.61	0.91	0.43	0.17	0.05	0.01	0.003	7.39	6.91	6.54	6.15	5.57	4.78
2.04	3.61	4.25	3.62	3.81	0.9	6.71	6.26	5.92	5.56	5.04	4.32	3.42	2.45	1.58	0.89	0.42	0.17	0.05	0.01	0.003	7.41	6.91	6.53	6.12	5.52	4.72
1.23	3.61	4.21	3.6	3.87	0.9	6.78	6.3	5.95	5.57	5.03	4.29	3.37	2.41	1.55	0.87	0.41	0.17	0.05	0.01	0.003	7.44	6.91	6.51	6.09	5.48	4.66
1.46	3.61	4.27	3.63	3.87	0.91	6.85	6.35	5.98	5.59	5.02	4.26	3.33	2.36	1.51	0.84	0.4	0.16	0.04	0.01	0.003	7.47	6.91	6.51	6.07	5.44	4.6
1.79	3.6	4.25	3.62	3.82	0.93	6.92	6.4	6.02	5.6	5.01	4.23	3.28	2.31	1.47	0.82	0.39	0.16	0.04	0.01	0.002	7.5	6.93	6.51	6.05	5.4	4.55
1.97	3.6	4.23	3.61	3.83	0.94	6.99	6.45	6.06	5.63	5.01	4.21	3.24	2.26	1.42	0.79	0.38	0.15	0.04	0.01	0.002	7.54	6.95	6.53	6.05	5.38	4.5
1.5	3.61	4.25	3.61	3.87	0.96	7.07	6.51	6.11	5.65	5.01	4.18	3.2	2.21	1.38	0.77	0.37	0.15	0.04	0.01	0.001	7.59	6.99	6.56	6.06	5.36	4.47
1.98	3.61	4.23	3.6	3.87	0.98	7.13	6.57	6.15	5.68	5.01	4.16	3.16	2.17	1.35	0.75	0.36	0.14	0.04	0.01	0.001	7.65	7.04	6.59	6.08	5.36	4.44
1.91	3.62	4.25	3.65	3.87	1.01	7.19	6.62	6.2	5.71	5.02	4.15	3.13	2.13	1.31	0.72	0.35	0.14	0.04	0.01	0.002	7.7	7.09	6.64	6.11	5.36	4.42
2.07	3.66	4.28	3.67	3.9	1.03	7.25	6.68	6.24	5.73	5.03	4.14	3.11	2.1	1.29	0.71	0.34	0.14	0.04	0.01	0.002	7.76	7.14	6.68	6.13	5.37	4.41
1.96	3.68	4.29	3.64	3.89	1.05	7.29	6.72	6.27	5.76	5.04	4.13	3.08	2.07	1.26	0.69	0.34	0.14	0.04	0.01	0.003	7.81	7.2	6.72	6.16	5.39	4.41
1.84	3.66	4.28	3.63	3.84	1.07	7.31	6.75	6.3	5.77	5.04	4.12	3.06	2.05	1.24	0.68	0.33	0.14	0.04	0.01	0.004	7.84	7.24	6.75	6.19	5.4	4.41
2.2	3.67	4.29	3.66	3.83	1.08	7.32	6.76	6.31	5.77	5.04	4.11	3.04	2.02	1.22	0.67	0.33	0.14	0.04	0.01	0.004	7.86	7.26	6.77	6.2	5.4	4.4
2.03	3.67	4.32	3.64	3.9	1.09	7.32	6.76	6.3	5.77	5.03	4.1	3.02	2	1.2	0.66	0.33	0.14	0.04	0.01	0.004	7.87	7.27	6.78	6.2	5.4	4.39
2.05	3.67	4.31	3.63	3.87	1.1	7.3	6.74	6.28	5.75	5.01	4.07	3	1.98	1.19	0.65	0.32	0.14	0.04	0.01	0.005	7.86	7.26	6.76	6.19	5.39	4.37
1.95	3.68	4.34	3.65	3.91	1.1	7.26	6.7	6.24	5.71	4.98	4.04	2.97	1.96	1.17	0.65	0.32	0.14	0.05	0.01	0.005	7.84	7.23	6.74	6.16	5.36	4.34
2.07	3.68	4.32	3.67	3.88	1.1	7.22	6.65	6.19	5.66	4.93	4	2.93	1.93	1.16	0.64	0.32	0.14	0.05	0.01	0.005	7.81	7.19	6.69	6.12	5.32	4.3
1.88	3.66	4.33	3.65	3.88	1.1	7.17	6.59	6.13	5.61	4.88	3.95	2.89	1.91	1.15	0.64	0.32	0.14	0.05	0.01	0.005	7.78	7.14	6.65	6.08	5.28	4.26
1.83	3.65	4.28	3.64	3.88	1.1	7.12	6.53	6.07	5.54	4.81	3.89	2.84	1.88	1.14	0.64	0.32	0.14	0.05	0.01	0.005	7.75	7.1	6.6	6.03	5.22	4.2
2	3.67	4.3	3.62	3.87	1.1	7.08	6.48	6.01	5.48	4.74	3.82	2.79	1.85	1.13	0.64	0.32	0.14	0.05	0.01	0.004	7.73	7.07	6.56	5.98	5.16	4.14
2.03	3.66	4.41	3.61	3.88	1.02	7.32	6.92	6.57	6.19	5.64	4.9	3.94	2.89	1.9	1.1	0.54	0.23	0.08	0.02	0.005	7.71	7.26	6.89	6.47	5.88	5.09
1.96	3.64	4.4	3.62	3.86	1.01	7.22	6.83	6.49	6.11	5.58	4.85	3.9	2.85	1.88	1.09	0.54	0.23	0.08	0.02	0.007	7.63	7.2	6.83	6.41	5.83	5.04
2	3.66	4.36	3.61	3.87	0.99	7.13	6.75	6.42	6.04	5.51	4.79	3.85	2.82	1.87	1.08	0.54	0.24	0.08	0.03	0.009	7.55	7.13	6.77	6.36	5.78	4.99
1.79	3.64	4.39	3.6	3.85	0.97	7.04	6.68	6.35	5.98	5.45	4.73	3.81	2.79	1.85	1.08	0.54	0.24	0.09	0.03	0.01	7.48	7.07	6.7	6.3	5.72	4.95
1.96	3.65	4.39	3.58	3.82	0.96	6.99	6.63	6.3	5.93	5.41	4.69	3.77	2.77	1.84	1.07	0.54	0.24	0.09	0.04	0.01	7.43	7.02	6.66	6.26	5.68	4.91
2.02	3.64	4.39	3.55	3.84	0.94	6.97	6.61	6.28	5.91	5.38	4.67	3.75	2.76	1.83	1.07	0.54	0.24	0.09	0.04	0.01	7.4	7	6.64	6.23	5.66	4.89
2.14	3.62	4.43	3.55	3.79	0.93	6.99	6.62	6.28	5.92	5.38	4.67	3.75	2.75	1.82	1.06	0.54	0.24	0.09	0.04	0.01	7.42	7.01	6.64	6.23	5.65	4.88
2.23	3.59	4.42	3.57	3.81	0.92	7.03	6.65	6.31	5.94	5.4	4.68	3.75	2.74	1.81	1.05	0.54	0.24	0.09	0.04	0.01	7.45	7.03	6.66	6.25	5.66	4.88
1.88	3.6	4.39	3.55	3.84	0.92	7.1	6.71	6.36	5.98	5.44	4.7	3.76	2.74	1.8	1.04	0.53	0.23	0.09	0.04	0.01	7.5	7.07	6.69	6.27	5.68	4.89
1.98	3.61	4.39	3.59	3.79	0.91	7.17	6.77	6.42	6.03	5.48	4.73	3.78	2.74	1.79	1.03	0.52	0.23	0.09	0.04	0.01	7.55	7.1	6.72	6.3	5.7	4.91
2.19	3.61	4.41	3.58	3.81	0.91	7.26	6.83	6.47	6.08	5.52	4.76	3.79	2.74	1.78	1.01											

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
2.04	3.63	4.4	3.59	3.86	0.93	7.03	6.59	6.19	5.75	5.09	4.2	3.11	2.05	1.2	0.64	0.33	0.16	0.07	0.03	0.01	7.42	6.93	6.5	6.02	5.31	4.36
2.01	3.63	4.45	3.57	3.86	0.92	7.03	6.58	6.18	5.73	5.06	4.16	3.07	2.01	1.17	0.63	0.32	0.16	0.07	0.03	0.01	7.4	6.91	6.47	5.98	5.26	4.31
1.94	3.62	4.43	3.57	3.87	0.9	7.02	6.56	6.17	5.7	5.02	4.12	3.02	1.97	1.15	0.62	0.32	0.16	0.07	0.03	0.01	7.37	6.86	6.43	5.93	5.2	4.24
1.82	3.64	4.44	3.54	3.82	0.89	7.02	6.55	6.15	5.67	4.99	4.07	2.97	1.93	1.13	0.61	0.32	0.16	0.06	0.03	0.009	7.33	6.82	6.39	5.88	5.14	4.18
1.23	3.77	4.41	3.56	3.84	0.88	7.02	6.54	6.13	5.65	4.95	4.03	2.93	1.89	1.11	0.61	0.32	0.16	0.06	0.03	0.009	7.29	6.77	6.34	5.82	5.08	4.12
1.88	3.65	4.38	3.54	3.87	0.88	7.03	6.53	6.13	5.63	4.92	3.99	2.89	1.86	1.09	0.6	0.32	0.16	0.06	0.03	0.009	7.27	6.74	6.3	5.78	5.03	4.06
2.38	3.78	4.4	3.71	3.87	0.88	7.04	6.54	6.13	5.62	4.9	3.95	2.86	1.84	1.08	0.6	0.32	0.16	0.07	0.03	0.009	7.25	6.71	6.27	5.73	4.98	4
2.28	3.67	4.41	3.6	3.88	0.87	7.07	6.56	6.13	5.62	4.88	3.93	2.83	1.82	1.08	0.6	0.32	0.16	0.07	0.03	0.009	7.23	6.69	6.24	5.7	4.93	3.95
2.34	3.62	4.4	3.6	3.87	0.87	7.11	6.59	6.15	5.62	4.87	3.9	2.8	1.81	1.07	0.6	0.32	0.16	0.06	0.03	0.008	7.23	6.67	6.21	5.67	4.89	3.9
2.28	3.63	4.4	3.58	3.84	0.88	7.16	6.62	6.17	5.63	4.87	3.89	2.78	1.79	1.07	0.6	0.32	0.16	0.06	0.02	0.008	7.23	6.67	6.2	5.64	4.86	3.86
2.14	3.65	4.41	3.56	3.82	0.88	7.22	6.67	6.2	5.65	4.87	3.87	2.77	1.79	1.07	0.61	0.33	0.16	0.06	0.02	0.008	7.23	6.66	6.18	5.62	4.82	3.83
2.2	3.66	4.43	3.58	3.86	0.89	7.28	6.73	6.25	5.68	4.88	3.87	2.76	1.79	1.08	0.61	0.33	0.16	0.06	0.02	0.008	7.25	6.67	6.18	5.61	4.8	3.8
2.03	3.64	4.46	3.58	3.83	0.9	7.36	6.8	6.3	5.72	4.9	3.88	2.76	1.79	1.08	0.62	0.33	0.16	0.06	0.02	0.007	7.27	6.69	6.19	5.6	4.79	3.78
1.47	3.63	4.41	3.56	3.82	0.91	7.46	6.88	6.36	5.77	4.93	3.89	2.77	1.8	1.09	0.62	0.33	0.16	0.06	0.02	0.007	7.31	6.72	6.2	5.61	4.78	3.76
1.95	3.64	4.41	3.57	3.84	0.92	7.57	6.97	6.44	5.83	4.97	3.91	2.79	1.82	1.1	0.63	0.34	0.16	0.06	0.02	0.007	7.37	6.76	6.24	5.63	4.79	3.76
1.82	3.64	4.41	3.55	3.83	0.93	7.68	7.07	6.53	5.9	5.02	3.94	2.81	1.83	1.11	0.63	0.34	0.16	0.06	0.02	0.007	7.43	6.81	6.28	5.66	4.8	3.77
2.16	3.63	4.4	3.57	3.85	0.95	7.8	7.17	6.62	5.97	5.07	3.97	2.83	1.84	1.12	0.63	0.33	0.16	0.06	0.02	0.006	7.5	6.87	6.33	5.69	4.82	3.78
2.42	3.79	4.42	3.62	3.85	0.96	7.92	7.27	6.71	6.04	5.12	4	2.85	1.85	1.13	0.63	0.33	0.16	0.06	0.02	0.006	7.57	6.93	6.38	5.73	4.85	3.79
2.45	3.76	4.45	3.63	3.84	0.98	8.02	7.37	6.8	6.11	5.16	4.03	2.86	1.86	1.13	0.63	0.33	0.15	0.05	0.01	0.005	7.63	6.99	6.43	5.77	4.87	3.8
2.57	3.73	4.42	3.62	3.85	1	8.1	7.45	6.87	6.18	5.21	4.06	2.87	1.87	1.14	0.63	0.32	0.15	0.05	0.01	0.005	7.69	7.04	6.48	5.81	4.89	3.81
1.93	3.67	4.42	3.59	3.87	1.01	8.17	7.52	6.94	6.23	5.24	4.07	2.88	1.88	1.14	0.63	0.32	0.15	0.05	0.01	0.005	7.74	7.1	6.53	5.85	4.91	3.82
2.03	3.66	4.4	3.59	3.87	1.03	8.22	7.58	6.98	6.26	5.26	4.08	2.89	1.88	1.14	0.63	0.32	0.14	0.05	0.01	0.005	7.78	7.14	6.56	5.87	4.93	3.83
1.94	3.71	4.44	3.62	3.86	1.04	8.25	7.61	7.01	6.28	5.26	4.08	2.89	1.89	1.14	0.63	0.32	0.14	0.05	0.01	0.004	7.8	7.16	6.58	5.88	4.93	3.82
2.03	3.75	4.44	3.67	3.87	1.06	8.25	7.61	7.01	6.27	5.25	4.07	2.88	1.89	1.15	0.63	0.32	0.14	0.05	0.01	0.004	7.81	7.17	6.59	5.88	4.92	3.81
2.23	3.76	4.41	3.67	3.88	1.07	8.23	7.58	6.98	6.24	5.22	4.05	2.87	1.88	1.15	0.64	0.32	0.14	0.05	0.01	0.004	7.8	7.16	6.57	5.86	4.9	3.8
2.17	3.69	4.45	3.61	3.81	1.07	8.18	7.52	6.92	6.18	5.17	4.02	2.86	1.88	1.15	0.64	0.33	0.15	0.05	0.01	0.004	7.78	7.12	6.53	5.82	4.87	3.78
1.97	3.7	4.43	3.57	3.85	1.08	8.1	7.43	6.83	6.1	5.11	3.98	2.84	1.88	1.16	0.65	0.33	0.15	0.05	0.01	0.004	7.73	7.06	6.47	5.76	4.81	3.75
1.65	3.7	4.46	3.6	3.86	1.08	8.01	7.32	6.72	6	5.03	3.93	2.82	1.87	1.16	0.66	0.34	0.15	0.05	0.02	0.004	7.67	6.98	6.39	5.69	4.76	3.72
2.03	3.69	4.45	3.6	3.83	1.08	7.9	7.2	6.61	5.9	4.96	3.89	2.8	1.87	1.17	0.67	0.35	0.16	0.06	0.02	0.003	7.61	6.9	6.31	5.62	4.71	3.69
1.98	3.69	4.42	3.6	3.88	1.07	7.8	7.09	6.5	5.81	4.89	3.86	2.79	1.88	1.17	0.68	0.35	0.16	0.06	0.02	0.004	7.55	6.82	6.24	5.55	4.67	3.67
2.01	3.67	4.43	3.6	3.87	1.06	7.71	7	6.42	5.74	4.85	3.84	2.79	1.88	1.18	0.68	0.36	0.16	0.06	0.02	0.005	7.51	6.77	6.19	5.52	4.65	3.67
1.95	3.67	4.39	3.61	3.88	1.05	7.65	6.94	6.37	5.7	4.84	3.84	2.81	1.9	1.19	0.69	0.36	0.16	0.06	0.02	0.006	7.48	6.75	6.16	5.5	4.65	3.69
2.01	3.67	4.37	3.6	3.86	1.04	7.62	6.92	6.35	5.7	4.85	3.87	2.84	1.92	1.2	0.69	0.35	0.16	0.06	0.02	0.006	7.48	6.75	6.18	5.52	4.68	3.73
1.95	3.65	4.37	3.6	3.85	1.03	7.6	6.92	6.37	5.73	4.89	3.92	2.88	1.95	1.22	0.69	0.35	0.15	0.06	0.02	0.005	7.51	6.79	6.22	5.57	4.74	3.79
2.1	3.64	4.35	3.6	3.85	1.01	7.61	6.95	6.41	5.78	4.96	4	2.95	1.99	1.24	0.7	0.34	0.15	0.05	0.01	0.004	7.54	6.85	6.28	5.64	4.82	3.87
2.06	3.64	4.4	3.59	3.87	0.99	7.62	6.99	6.46	5.85	5.05	4.09	3.03	2.05	1.26	0.71	0.34	0.14	0.05	0.01	0.004	7.58	6.9	6.35	5.73	4.92	3.97
1.86	3.65	4.41	3.61	3.88	0.98	7.63	7.03	6.52	5.93	5.14	4.19	3.12	2.11	1.3	0.72	0.34	0.14	0.05	0.01	0.003	7.6	6.96	6.42	5.81	5.02	4.07
1.64	3.64	4.44	3.58	3.85	0.96	7.63	7.05	6.56	5.99	5.23	4.29	3.21	2.18	1.34	0.74	0.35	0.14	0.05	0.01	0.004	7.61	6.99	6.47	5.89	5.11	4.17
1.61	3.64	4.46	3.58	3.83	0.95	7.61	7.06	6.59	6.05	5.32	4.39	3.31	2.26	1.39	0.76	0.36	0.15	0.05	0.01	0.005	7.59	7	6.51	5.95	5.2	4.28
1.19	3.62	4.45	3.55	3.87	0.94	7.59	7.07	6.62	6.11	5.4	4.5	3.42	2.35	1.45	0.79	0.38	0.16	0.06	0.02	0.009	7.57	7.01	6.54	6	5.28	4.38
1.9	3.63	4.43	3.57	3.84	0.93	7.57	7.08	6.65	6.16	5.48	4.6	3.53	2.44	1.51	0.83	0.39	0.16	0.06	0.02	0.01	7.54	7.01	6.56	6.05	5.36	4.48
1.64	3.62	4.37	3.59	3.86	0.92	7.57	7.1	6.69	6.21	5.56	4.7	3.64	2.54	1.57	0.86	0.41	0.17	0.06	0.03	0.01	7.53	7.02	6.59	6.1	5.43	4.57
1.39	3.62	4.36	3.59	3.83	0.92	7.59	7.14	6.74	6.28	5.65	4.8	3.75	2.63	1.64	0.89	0.42	0.17	0.07	0.03	0.01	7.53	7.05	6.62	6.15	5.51	4.67
1.97	3.72	4.36	3.62	3.84	0.92	7.63	7.2	6.8	6.36	5.74	4.91	3.86	2.73	1.7	0.92	0.43	0.17	0.06	0.03	0.01	7.55	7.09	6.67	6.22	5.59	4.76
1.86	3.67	4.4	3.62	3.86	0.92	7.68	7.27	6.88	6.44	5.84	5.02	3.97	2.82	1.77	0.95	0.44	0.17	0.06	0.02	0.01	7.58	7.13	6.73	6.28	5.67	4.86
2.28	3.64	4.43	3.58	3.88	0.92	7.75	7.35	6.96	6.53	5.93	5.12	4.07	2.91	1.82	0.98	0.44	0.16	0.06	0.02	0.008	7.62	7.19	6.78	6.35	5.74	4.94
2	3.64	4.42	3.58	3.83	0.93	7.82	7.43	7.04	6.62	6.02	5.22	4.17	2.99	1.87	1	0.44	0.16	0.05	0.01	0.004	7.66	7.24	6.83	6.41	5.81	5.02
2.13	3.64	4.44	3.58	3.84	0.93	7.89	7.5	7.11	6.69	6.1	5.3	4.25	3.06	1.92	1.02	0.44	0.15	0.04	0.01	-0.001	7.7	7.29	6.89	6.46	5.87	5.09
2.09	3.65	4.42	3.58	3.88	0.94	7.96	7.57	7.18	6.76	6.17	5.38	4.33	3.12	1.97	1.04	0.44	0.14	0.04	0.008	-0.004	7.74	7.32	6.93	6.51	5.92	5.14
2.25	3.66	4.4	3.61	3.85	0.96	8.02	7.62	7.24	6.82	6.																

X_powerline	X_vlf1	X_vlf2	X_vlf3	X_vlf4	X_geofact	Emz_raw1	Emz_raw2	Emz_raw3	Emz_raw4	Emz_raw5	Emz_raw6	Emz_raw7	Emz_raw8	Emz_raw9	Emz_raw10	Emz_raw11	Emz_raw12	Emz_raw13	Emz_raw14	Emz_raw15	Emz_final1	Emz_final2	Emz_final3	Emz_final4	Emz_final5	Emz_final6
1.83	3.66	4.45	3.57	3.85	1.02	7.24	6.64	6.18	5.62	4.86	3.92	2.88	1.92	1.15	0.6	0.26	0.1	0.03	0.01	0.004	7.27	6.66	6.18	5.61	4.84	3.9
1.89	3.65	4.43	3.58	3.86	1.02	7.25	6.63	6.15	5.58	4.81	3.87	2.84	1.89	1.14	0.59	0.26	0.09	0.03	0.02	0.005	7.26	6.63	6.14	5.56	4.78	3.84
2.11	3.64	4.42	3.58	3.84	1.02	7.27	6.62	6.14	5.56	4.78	3.84	2.82	1.87	1.12	0.57	0.25	0.09	0.03	0.02	0.005	7.26	6.61	6.11	5.52	4.74	3.8
2.1	3.62	4.4	3.61	3.87	1.02	7.29	6.64	6.15	5.56	4.77	3.82	2.79	1.85	1.09	0.56	0.24	0.08	0.03	0.01	0.004	7.27	6.6	6.1	5.51	4.72	3.78
2	3.64	4.45	3.58	3.84	1.02	7.32	6.66	6.17	5.57	4.78	3.82	2.78	1.82	1.07	0.53	0.22	0.08	0.02	0.01	0.002	7.28	6.61	6.11	5.51	4.71	3.77
2.22	3.65	4.48	3.55	3.88	1.03	7.36	6.7	6.2	5.6	4.8	3.83	2.77	1.8	1.03	0.51	0.21	0.07	0.02	0.01	0	7.3	6.64	6.14	5.53	4.73	3.77
1.75	3.66	4.45	3.56	3.88	1.03	7.39	6.75	6.25	5.65	4.83	3.85	2.77	1.77	1	0.48	0.19	0.06	0.01	0.009	-0.001	7.33	6.68	6.18	5.57	4.76	3.79
1.08	3.67	4.42	3.56	3.88	1.04	7.42	6.81	6.3	5.7	4.87	3.86	2.76	1.74	0.97	0.45	0.18	0.05	0.01	0.007	-0.002	7.36	6.73	6.23	5.62	4.8	3.8
1.74	3.65	4.45	3.59	3.88	1.05	7.46	6.87	6.36	5.74	4.9	3.88	2.74	1.71	0.93	0.43	0.16	0.05	0.01	0.005	-0.002	7.39	6.79	6.28	5.67	4.83	3.82
1.3	3.66	4.42	3.6	3.88	1.06	7.49	6.92	6.4	5.78	4.92	3.88	2.72	1.67	0.89	0.4	0.15	0.04	0.01	0.004	-0.001	7.44	6.85	6.33	5.71	4.86	3.82
1.89	3.66	4.41	3.64	3.9	1.07	7.53	6.96	6.43	5.8	4.93	3.86	2.68	1.62	0.85	0.37	0.14	0.04	0.01	0.004	-0.001	7.47	6.9	6.37	5.73	4.87	3.81
1.59	3.71	4.41	3.62	3.84	1.07	7.54	6.98	6.43	5.79	4.91	3.82	2.63	1.56	0.8	0.35	0.13	0.04	0.01	0.005	0	7.5	6.93	6.38	5.73	4.85	3.78
1.7	3.68	4.41	3.64	3.84	1.08	7.53	6.96	6.4	5.75	4.85	3.76	2.56	1.5	0.75	0.32	0.12	0.04	0.01	0.006	0	7.5	6.92	6.36	5.7	4.8	3.72
1.86	3.68	4.42	3.62	3.86	1.08	7.48	6.9	6.33	5.66	4.76	3.67	2.47	1.43	0.7	0.3	0.11	0.04	0.01	0.01	0.002	7.47	6.87	6.29	5.62	4.72	3.63
1.17	3.67	4.43	3.61	3.87	1.08	7.41	6.79	6.22	5.54	4.64	3.55	2.36	1.34	0.65	0.28	0.11	0.05	0.01	0.01	0.004	7.4	6.77	6.19	5.51	4.61	3.51
2.15	3.68	4.45	3.6	3.88	1.08	7.29	6.64	6.06	5.38	4.48	3.4	2.24	1.25	0.6	0.26	0.11	0.05	0.02	0.01	0.006	7.29	6.63	6.03	5.35	4.45	3.37
2.2	3.68	4.43	3.58	3.86	1.08	7.15	6.46	5.87	5.19	4.29	3.23	2.1	1.16	0.55	0.24	0.11	0.05	0.02	0.02	0.01	7.15	6.45	5.85	5.17	4.27	3.21
1.94	3.67	4.43	3.61	3.88	1.08	6.99	6.25	5.65	4.98	4.08	3.05	1.96	1.06	0.49	0.21	0.1	0.05	0.03	0.02	0.01	7.01	6.25	5.65	4.96	4.07	3.03
2.06	3.67	4.39	3.63	3.89	1.07	6.82	6.04	5.43	4.75	3.86	2.85	1.81	0.96	0.44	0.19	0.09	0.05	0.02	0.02	0.01	6.85	6.04	5.43	4.74	3.85	2.84
1.92	3.66	4.39	3.62	3.88	1.07	6.66	5.82	5.2	4.51	3.64	2.66	1.66	0.87	0.4	0.18	0.09	0.05	0.03	0.02	0.01	6.7	5.84	5.2	4.51	3.62	2.64
2.25	3.63	4.4	3.6	3.87	1.06	6.5	5.6	4.96	4.27	3.4	2.46	1.52	0.79	0.36	0.16	0.08	0.05	0.02	0.02	0.009	6.55	5.62	4.97	4.27	3.4	2.45
2.2	3.64	4.41	3.59	3.88	1.06	6.35	5.38	4.72	4.02	3.17	2.26	1.38	0.71	0.32	0.15	0.08	0.04	0.02	0.01	0.007	6.4	5.41	4.74	4.02	3.17	2.26
2.26	3.68	4.42	3.63	3.87	1.06	6.18	5.15	4.47	3.77	2.94	2.07	1.25	0.64	0.3	0.14	0.07	0.04	0.02	0.01	0.005	6.24	5.18	4.5	3.78	2.94	2.07
2.12	3.71	4.45	3.62	3.86	1.05	5.99	4.91	4.21	3.51	2.71	1.89	1.14	0.59	0.27	0.13	0.07	0.03	0.01	0.01	0.004	6.06	4.94	4.23	3.52	2.71	1.89
2.38	3.71	4.46	3.6	3.88	1.04	5.79	4.65	3.95	3.26	2.49	1.73	1.04	0.54	0.26	0.13	0.07	0.03	0.01	0.01	0.004	5.85	4.69	3.97	3.27	2.49	1.73
2.32	3.75	4.46	3.63	3.86	1.04	5.56	4.39	3.68	3.01	2.28	1.58	0.96	0.51	0.26	0.14	0.08	0.04	0.01	0.01	0.005	5.62	4.42	3.7	3.02	2.28	1.58
2.45	3.68	4.43	3.61	3.84	1.03	5.32	4.11	3.42	2.77	2.09	1.44	0.88	0.49	0.26	0.14	0.08	0.03	0.01	0.01	0.005	5.37	4.14	3.43	2.78	2.09	1.44
2.02	3.67	4.44	3.57	3.86	1.03	5.08	3.85	3.17	2.56	1.92	1.33	0.83	0.47	0.26	0.14	0.08	0.04	0.01	0.01	0.004	5.13	3.87	3.19	2.56	1.92	1.33
1.51	3.65	4.4	3.58	3.87	1.02	4.87	3.62	2.96	2.38	1.78	1.24	0.79	0.46	0.26	0.15	0.08	0.04	0.01	0.01	0.003	4.91	3.64	2.97	2.38	1.78	1.24
1.95	3.65	4.41	3.6	3.87	1.01	4.7	3.44	2.8	2.24	1.68	1.18	0.76	0.46	0.27	0.15	0.08	0.04	0.01	0.01	0.003	4.74	3.45	2.8	2.24	1.68	1.18
1.93	3.61	4.41	3.57	3.85	1.01	4.59	3.31	2.67	2.13	1.6	1.13	0.74	0.46	0.27	0.15	0.08	0.04	0.01	0.01	0.001	4.63	3.32	2.68	2.14	1.6	1.13
1.56	3.61	4.38	3.56	3.86	1.01	4.54	3.23	2.6	2.07	1.55	1.1	0.73	0.45	0.27	0.15	0.08	0.03	0.01	0.009	-0.002	4.57	3.24	2.6	2.07	1.55	1.1
1.63	3.61	4.44	3.59	3.86	1.01	4.54	3.2	2.56	2.03	1.53	1.09	0.72	0.46	0.27	0.16	0.08	0.03	0.008	0.008	-0.002	4.57	3.21	2.57	2.03	1.53	1.09
1.95	3.64	4.41	3.59	3.75	1.01	4.59	3.21	2.56	2.02	1.52	1.08	0.72	0.46	0.27	0.16	0.08	0.03	0.007	0.007	-0.002	4.62	3.22	2.56	2.02	1.52	1.08
2.1	3.64	4.4	3.6	3.82	1.01	4.68	3.25	2.58	2.03	1.52	1.08	0.72	0.45	0.27	0.15	0.08	0.03	0.006	0.007	-0.001	4.71	3.26	2.58	2.03	1.51	1.08
1.96	3.68	4.39	3.61	3.85	1.01	4.79	3.31	2.61	2.04	1.52	1.08	0.72	0.45	0.27	0.15	0.08	0.03	0.006	0.006	-0.001	4.82	3.31	2.61	2.04	1.52	1.08
1.79	3.67	4.37	3.61	3.83	1.01	4.9	3.37	2.64	2.05	1.52	1.08	0.72	0.45	0.27	0.15	0.07	0.03	0.005	0.005	-0.001	4.93	3.37	2.64	2.05	1.52	1.07
2.04	3.63	4.36	3.58	3.83	1.01	5.01	3.43	2.67	2.07	1.53	1.08	0.71	0.45	0.27	0.15	0.07	0.03	0.005	0.005	0	5.03	3.43	2.67	2.06	1.52	1.07
1.69	3.63	4.41	3.55	3.86	1.01	5.1	3.47	2.69	2.08	1.53	1.07	0.71	0.45	0.26	0.15	0.07	0.03	0.004	0.005	0	5.12	3.47	2.69	2.07	1.52	1.07
1.6	3.62	4.43	3.56	3.89	1.01	5.17	3.51	2.7	2.08	1.52	1.07	0.71	0.44	0.26	0.15	0.07	0.03	0.004	0.005	0	5.18	3.5	2.7	2.07	1.52	1.07
1.88	3.63	4.43	3.56	3.86	1.01	5.21	3.53	2.7	2.07	1.52	1.06	0.7	0.44	0.26	0.15	0.07	0.03	0.004	0.005	0	5.22	3.52	2.7	2.06	1.51	1.06
1.96	3.65	4.43	3.56	3.84	1.02	5.23	3.53	2.69	2.06	1.51	1.06	0.7	0.44	0.26	0.15	0.07	0.03	0.004	0.005	0	5.23	3.52	2.68	2.05	1.5	1.05
1.91	3.63	4.41	3.55	3.77	1.02	5.22	3.52	2.67	2.04	1.49	1.05	0.69	0.43	0.26	0.14	0.07	0.03	0.004	0.005	0	5.22	3.51	2.66	2.03	1.48	1.04
2.16	3.66	4.36	3.6	3.81	1.02	5.19	3.48	2.63	2.01	1.47	1.03	0.68	0.43	0.25	0.14	0.07	0.03	0.004	0.005	-0.001	5.19	3.47	2.62	2	1.46	1.03
2.16	3.66	4.39	3.57	3.84	1.03	5.14	3.43	2.59	1.97	1.45	1.02	0.67	0.42	0.25	0.14	0.07	0.03	0.005	0.005	-0.001	5.13	3.42	2.57	1.96	1.44	1.01
2.18	3.66	4.4	3.57	3.82	1.03	5.07	3.37	2.53	1.93	1.42	1	0.67	0.42	0.25	0.14	0.06	0.03	0.007	0.006	-0.001	5.06	3.35	2.51	1.92	1.41	1
2.06	3.64	4.42	3.57	3.85	1.03	5.01	3.29	2.47	1.89	1.4	0.99	0.66	0.41	0.25	0.14	0.07	0.03	0.01	0.009	0	4.99	3.27	2.45	1.88	1.38	0.98
1.36	3.65	4.41	3.58	3.87	1.04	4.94	3.22	2.41	1.85	1.37	0.97	0.65	0.41	0.24	0.14	0.07	0.03	0.01	0.01	0.002	4.92	3.2	2.39	1.83	1.36	0.96
1.9	3.63	4.43	3.52	3.81	1.04	4.88	3.15	2.36	1.8	1.34	0.95	0.64	0.4	0.24	0.14	0.07	0.04	0.01	0.01	0.004	4.86	3.13	2.34	1.79	1.33	0.95
2.12	3.6	4.4	3.51	3.82	1.04	4.83	3.1	2.																		

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.35	0.12	0.03	0.007	0.002	-0.003	-0.009	0.002	0.007	0	2.22	2.37	3.73	3.69	3.63	3.62	0.97
0.4	0.14	0.04	0.007	0.002	-0.003	-0.009	0.003	0.007	0	2.26	2.22	3.76	3.7	3.63	3.62	0.97
0.45	0.16	0.04	0.008	0.002	-0.002	-0.009	0.002	0.006	0	1.66	2.32	3.74	3.68	3.62	3.63	0.97
0.51	0.18	0.05	0.01	0.003	-0.002	-0.008	0.002	0.004	0	2.15	2.53	3.74	3.67	3.63	3.61	0.97
0.57	0.21	0.06	0.01	0.004	-0.001	-0.008	0.002	0.003	0	2.17	2.54	3.72	3.65	3.61	3.59	0.97
0.63	0.24	0.07	0.02	0.004	0	-0.006	0.002	0.001	0	1.43	2.41	3.71	3.66	3.6	3.55	0.96
0.7	0.27	0.08	0.02	0.004	0	-0.005	0.001	0.001	0	2.05	2.41	3.73	3.66	3.6	3.57	0.96
0.77	0.3	0.1	0.02	0.005	0.001	-0.004	0.001	0	0	2.09	2.33	3.72	3.65	3.61	3.59	0.96
0.84	0.34	0.11	0.03	0.004	0.001	-0.003	0.001	0	0	1.81	2.21	3.72	3.66	3.6	3.58	0.96
0.91	0.38	0.13	0.03	0.004	0.001	-0.002	0.001	0	0	1.46	2.24	3.74	3.67	3.62	3.57	0.96
0.98	0.42	0.14	0.03	0.004	0.002	-0.001	0.001	0.001	0	1.84	2.28	3.75	3.68	3.62	3.6	0.96
1.06	0.47	0.16	0.04	0.004	0.002	-0.001	0.001	0.001	0	2.06	2.14	3.74	3.67	3.62	3.59	0.96
1.13	0.51	0.18	0.04	0.006	0.002	-0.001	0.001	0.001	0	2.21	2.03	3.72	3.66	3.61	3.58	0.96
1.21	0.56	0.2	0.05	0.008	0.002	-0.001	0.001	0.001	0	2.02	2.13	3.71	3.67	3.6	3.58	0.96
1.29	0.61	0.22	0.06	0.01	0.003	0	0.001	0	0	1.9	2.2	3.72	3.66	3.58	3.56	0.96
1.36	0.66	0.25	0.07	0.01	0.003	0	0.001	0	0	1.84	2.09	3.71	3.64	3.59	3.56	0.96
1.44	0.71	0.27	0.08	0.01	0.004	0	0.001	-0.001	0	1.62	2.25	3.72	3.65	3.61	3.56	0.96
1.51	0.76	0.3	0.09	0.02	0.005	0	0.002	-0.001	0	1.73	2.35	3.72	3.66	3.61	3.58	0.96
1.58	0.81	0.33	0.1	0.02	0.006	0.001	0.002	-0.002	0	2.23	1.98	3.73	3.66	3.6	3.58	0.96
1.65	0.86	0.36	0.12	0.03	0.007	0.001	0.002	-0.003	0	1.9	2.35	3.74	3.65	3.63	3.59	0.97
1.72	0.92	0.39	0.13	0.03	0.01	0.003	0.003	-0.002	0	2.2	2.32	3.73	3.67	3.63	3.58	0.97
1.78	0.97	0.43	0.15	0.04	0.01	0.004	0.004	-0.002	0	2.55	2.24	3.74	3.68	3.63	3.58	0.97
1.84	1.02	0.46	0.17	0.04	0.01	0.005	0.004	-0.001	0	2.45	2.45	3.74	3.67	3.64	3.56	0.97
1.9	1.07	0.49	0.18	0.05	0.01	0.005	0.004	-0.001	0	1.81	2.13	3.72	3.66	3.62	3.57	0.97
1.95	1.12	0.53	0.2	0.06	0.01	0.005	0.004	-0.001	0	2.24	2.11	3.73	3.67	3.59	3.55	0.97
2	1.16	0.56	0.21	0.06	0.01	0.004	0.004	-0.001	0	2.34	2.11	3.73	3.67	3.61	3.57	0.97
2.04	1.2	0.59	0.23	0.07	0.01	0.004	0.003	-0.002	0	2.49	2.45	3.74	3.68	3.6	3.58	0.97
2.08	1.25	0.62	0.25	0.07	0.02	0.003	0.003	-0.002	0	2.47	2.51	3.75	3.67	3.6	3.6	0.97
2.12	1.29	0.65	0.26	0.08	0.02	0.003	0.003	-0.003	0	1.84	2.47	3.73	3.67	3.61	3.6	0.96
2.16	1.33	0.69	0.28	0.09	0.02	0.003	0.003	-0.003	0	2.29	2.4	3.72	3.69	3.62	3.6	0.96
2.2	1.37	0.72	0.3	0.09	0.02	0.003	0.003	-0.003	0	2.4	2.48	3.71	3.67	3.62	3.58	0.96
2.24	1.4	0.75	0.32	0.1	0.02	0.004	0.003	-0.003	0	2.1	2.46	3.72	3.66	3.61	3.55	0.95
2.28	1.44	0.78	0.33	0.1	0.02	0.004	0.003	-0.003	0	1.8	2.25	3.72	3.66	3.61	3.52	0.95
2.32	1.48	0.81	0.35	0.11	0.02	0.005	0.003	-0.003	0	2.05	2.39	3.7	3.65	3.59	3.54	0.94
2.36	1.52	0.83	0.36	0.11	0.02	0.005	0.003	-0.002	0	2	2.28	3.71	3.66	3.61	3.55	0.94
2.4	1.56	0.86	0.38	0.11	0.02	0.006	0.003	-0.002	0	2.06	2.35	3.71	3.64	3.62	3.55	0.94
2.43	1.59	0.88	0.39	0.12	0.02	0.006	0.003	-0.001	0	1.6	2.06	3.71	3.65	3.61	3.56	0.94
2.47	1.62	0.9	0.4	0.12	0.02	0.007	0.003	0	0	2.09	2.15	3.72	3.67	3.61	3.61	0.94
2.5	1.65	0.92	0.41	0.12	0.02	0.007	0.003	0.002	0	1.9	2.53	3.73	3.69	3.62	3.6	0.95
2.52	1.67	0.94	0.41	0.12	0.02	0.007	0.004	0.003	0	1.78	2.34	3.71	3.66	3.6	3.56	0.95
2.54	1.69	0.95	0.42	0.12	0.02	0.007	0.005	0.004	0	1.65	2.15	3.71	3.64	3.59	3.55	0.96
2.56	1.7	0.96	0.43	0.13	0.02	0.006	0.005	0.005	0	1.92	2.23	3.7	3.65	3.57	3.56	0.97
2.57	1.71	0.97	0.43	0.13	0.02	0.006	0.006	0.005	0	2.22	2.16	3.71	3.66	3.58	3.54	0.97
2.58	1.72	0.97	0.43	0.13	0.02	0.006	0.006	0.005	0	2.45	1.37	3.72	3.65	3.58	3.58	0.98
2.58	1.72	0.98	0.43	0.13	0.02	0.005	0.006	0.005	0	2.54	1.78	3.75	3.69	3.6	3.62	0.98
2.58	1.72	0.97	0.43	0.13	0.03	0.004	0.007	0.005	0	2.02	2.1	3.76	3.69	3.65	3.63	0.99
2.57	1.71	0.97	0.43	0.13	0.03	0.004	0.008	0.005	0	2.22	2.26	3.76	3.7	3.68	3.64	0.99
2.55	1.7	0.96	0.43	0.13	0.03	0.004	0.008	0.003	0	2.72	2.52	3.76	3.68	3.64	3.62	0.99
2.53	1.68	0.95	0.42	0.13	0.03	0.004	0.008	0.002	0	2.71	2.68	3.74	3.67	3.65	3.58	1
2.5	1.66	0.94	0.42	0.13	0.03	0.004	0.008	0	0	2.48	2.61	3.75	3.67	3.63	3.56	1
2.48	1.64	0.92	0.41	0.12	0.02	0.004	0.008	-0.001	0	2.05	2.29	3.72	3.64	3.59	3.56	1
2.46	1.62	0.91	0.4	0.12	0.02	0.004	0.008	-0.001	0	2.64	1.86	3.69	3.63	3.59	3.54	1.01
2.45	1.6	0.89	0.38	0.11	0.02	0.004	0.008	-0.001	0	2.72	2.25	3.71	3.65	3.59	3.54	1.01
2.44	1.58	0.87	0.37	0.11	0.02	0.004	0.007	-0.002	0	2.36	2.36	3.73	3.67	3.6	3.55	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.42	1.56	0.85	0.36	0.1	0.02	0.004	0.006	-0.002	0	2.43	2.43	3.75	3.67	3.63	3.59	1.02
2.41	1.54	0.83	0.35	0.1	0.02	0.003	0.006	-0.002	0	2.67	2.38	3.76	3.7	3.66	3.62	1.03
2.38	1.51	0.81	0.34	0.09	0.02	0.003	0.005	-0.002	0	2.68	2.4	3.76	3.7	3.66	3.64	1.03
2.35	1.48	0.79	0.33	0.09	0.02	0.003	0.005	-0.002	0	2.09	2.14	3.76	3.72	3.64	3.62	1.04
2.31	1.45	0.76	0.32	0.09	0.02	0.004	0.004	-0.003	0	2.29	1.92	3.76	3.7	3.63	3.62	1.04
2.26	1.41	0.74	0.31	0.09	0.02	0.005	0.004	-0.005	0	2.61	2.25	3.75	3.69	3.63	3.6	1.04
2.21	1.37	0.72	0.3	0.09	0.02	0.007	0.005	-0.004	0	2.6	2.25	3.74	3.68	3.62	3.57	1.04
2.16	1.33	0.69	0.29	0.09	0.02	0.009	0.006	-0.004	0	2.33	2.42	3.75	3.67	3.63	3.54	1.04
2.11	1.29	0.67	0.28	0.09	0.02	0.009	0.005	-0.004	0	1.77	2.4	3.74	3.68	3.62	3.56	1.04
2.06	1.25	0.64	0.27	0.08	0.02	0.008	0.004	-0.004	0	2.2	2.15	3.74	3.67	3.61	3.58	1.03
2.01	1.21	0.62	0.26	0.08	0.02	0.005	0.003	-0.004	0	2.39	2.25	3.74	3.67	3.61	3.56	1.03
1.96	1.17	0.59	0.24	0.08	0.02	0.003	0.002	-0.003	0	2.23	2.34	3.74	3.68	3.62	3.59	1.03
1.91	1.13	0.57	0.23	0.07	0.01	0.001	0.002	-0.001	0	1.99	2.51	3.75	3.65	3.61	3.59	1.02
1.87	1.09	0.54	0.22	0.07	0.01	0	0.001	0.001	0	1.79	2.37	3.75	3.67	3.58	3.58	1.02
1.82	1.05	0.51	0.21	0.07	0.01	-0.002	0.001	0.002	0	2.15	2.4	3.73	3.68	3.6	3.56	1.02
1.77	1.01	0.49	0.2	0.06	0.01	-0.003	0.001	0.004	0	2.31	2.28	3.73	3.67	3.6	3.55	1.01
1.73	0.97	0.46	0.18	0.06	0.01	-0.004	0	0.005	0	2.02	2.3	3.72	3.69	3.59	3.56	1.01
1.68	0.93	0.43	0.17	0.05	0.01		0	0.005	0	1.94	2.35	3.73	3.66	3.61	3.58	1
1.63	0.88	0.41	0.16	0.05	0.01		0.001	0.005	0	2.41	2.5	3.73	3.67	3.61	3.58	1
1.58	0.84	0.38	0.15	0.05	0.01		0.001	0.005	0	2.4	2.32	3.73	3.68	3.59	3.56	0.99
1.53	0.8	0.35	0.13	0.04	0.01		0.001	0.004	0	1.68	2.24	3.73	3.67	3.6	3.56	0.99
1.48	0.75	0.33	0.12	0.04	0.009		0.001	0.004	0	2.25	2.22	3.73	3.68	3.6	3.57	0.98
1.42	0.7	0.3	0.11	0.03	0.008		0.001	0.003	0	2.38	2.35	3.72	3.67	3.6	3.57	0.98
1.35	0.66	0.28	0.1	0.03	0.008	-0.001	0	0.002	0	2.29	2.14	3.72	3.67	3.61	3.59	0.97
1.28	0.61	0.25	0.09	0.02	0.008	-0.001	0.001	0.002	0	1.98	2.38	3.7	3.67	3.6	3.58	0.97
1.21	0.56	0.23	0.08	0.02	0.008	-0.001	0.002	0.001	0	2.4	2.28	3.72	3.66	3.59	3.56	0.96
1.12	0.51	0.21	0.08	0.02	0.008	-0.002	0.003	0	0	2.44	2.12	3.74	3.66	3.59	3.57	0.96
1.03	0.46	0.19	0.07	0.02	0.009	-0.001	0.004	0	0	1.51	2.26	3.74	3.65	3.57	3.53	0.95
0.94	0.42	0.17	0.06	0.02	0.01	-0.001	0.005	0	0	2.39	1.85	3.71	3.64	3.6	3.54	0.95
0.85	0.37	0.15	0.06	0.02	0.01	-0.002	0.005	0	0	2.45	1.66	3.71	3.64	3.57	3.54	0.94
0.76	0.33	0.13	0.05	0.02	0.01	-0.001	0.005	-0.001	0	2.1	2.37	3.71	3.66	3.59	3.55	0.94
0.67	0.29	0.12	0.05	0.02	0.01	0	0.005	-0.001	0	2.16	2.53	3.72	3.67	3.6	3.55	0.94
0.59	0.25	0.11	0.05	0.02	0.01	0	0.005	-0.002	0	2.53	2.27	3.72	3.64	3.61	3.55	0.94
0.51	0.22	0.1	0.05	0.02	0.01	0.001	0.005	-0.002	0	2.37	2.12	3.71	3.65	3.6	3.56	0.94
0.45	0.2	0.09	0.05	0.02	0.01	0.004	0.007	0	0	2.02	1.77	3.72	3.64	3.58	3.55	0.94
0.4	0.18	0.09	0.05	0.03	0.01	0.007	0.008	0.001	0	2.49	2.24	3.69	3.64	3.57	3.53	0.94
0.36	0.17	0.09	0.05	0.03	0.02	0.01	0.01	0.002	0	2.5	2.11	3.7	3.65	3.58	3.56	0.95
0.33	0.16	0.08	0.05	0.03	0.02	0.01	0.01	0.002	0	2.41	1.98	3.72	3.65	3.59	3.59	0.96
0.3	0.15	0.08	0.05	0.03	0.02	0.01	0.01	0.001	0	2.03	2.18	3.74	3.67	3.6	3.61	0.96
0.29	0.15	0.08	0.05	0.03	0.02	0.01	0.009	0.001	0	2.44	2.35	3.75	3.67	3.63	3.63	0.97
0.27	0.15	0.08	0.05	0.03	0.02	0.01	0.009	0	0	2.47	2.07	3.75	3.69	3.63	3.64	0.98
0.27	0.14	0.08	0.05	0.03	0.02	0.01	0.008	0	0	1.99	2.09	3.74	3.69	3.61	3.62	0.99
0.26	0.14	0.08	0.04	0.02	0.02	0.01	0.006	-0.001	0	2.13	2.1	3.74	3.67	3.6	3.62	0.99
0.25	0.14	0.08	0.04	0.02	0.01	0.009	0.004	-0.003	0	2.15	2.4	3.73	3.66	3.6	3.6	1
0.25	0.14	0.08	0.04	0.02	0.01	0.007	0.002	-0.005	0	2.16	2.23	3.72	3.66	3.62	3.6	1
0.24	0.13	0.07	0.04	0.02	0.01		0	-0.008	0	2.04	2.44	3.72	3.68	3.63	3.6	1.01
0.24	0.13	0.07	0.04	0.02	0.01		0.001	-0.009	0	2.13	2.46	3.74	3.67	3.62	3.61	1.01
0.24	0.13	0.07	0.04	0.02	0.01		0.001	-0.009	0	2.2	2.2	3.75	3.68	3.6	3.64	1.01
0.23	0.13	0.07	0.04	0.02	0.01		0	-0.008	0	1.86	2.15	3.76	3.68	3.62	3.64	1.02
0.23	0.13	0.08	0.04	0.02	0.01	0.004	0.001	-0.007	0	2.17	2.19	3.77	3.69	3.63	3.62	1.02
0.23	0.13	0.08	0.04	0.02	0.01	0.005	0.003	-0.006	0	1.93	2.3	3.74	3.69	3.63	3.6	1.02
0.23	0.13	0.08	0.04	0.02	0.01	0.007	0.004	-0.004	0	2.07	2.14	3.75	3.67	3.62	3.61	1.02
0.23	0.13	0.08	0.04	0.02	0.01	0.007	0.005	-0.003	0	2.43	2.18	3.75	3.67	3.61	3.59	1.02
0.22	0.13	0.07	0.04	0.02	0.01	0.007	0.005	-0.002	0	2.67	1.87	3.74	3.68	3.59	3.56	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.22	0.12	0.07	0.04	0.02	0.01	0.005	0.004	-0.001	0	2.55	2.28	3.74	3.68	3.59	3.58	1.02
0.22	0.12	0.07	0.04	0.02	0.01	0.004	0.003	-0.001	0	2.1	2.56	3.74	3.68	3.63	3.58	1.03
0.22	0.12	0.07	0.03	0.02	0.008	0.002	0.002	-0.001	0	2.8	2.62	3.76	3.69	3.64	3.61	1.03
0.21	0.12	0.07	0.03	0.01	0.008	0.002	0.001	-0.001	0	2.84	2.39	3.77	3.7	3.65	3.6	1.03
0.21	0.12	0.07	0.03	0.01	0.007	0.001	0.001	0	0	2.28	2.36	3.76	3.69	3.64	3.59	1.03
0.21	0.12	0.07	0.04	0.01	0.007	0.001	0.001	0	0	2.5	2.06	3.75	3.69	3.61	3.58	1.03
0.21	0.12	0.07	0.04	0.01	0.007	0.001	0	0	0	2.6	2.31	3.74	3.68	3.6	3.57	1.03
0.21	0.12	0.07	0.04	0.01	0.007	0	0	0.001	0	2.46	2.3	3.73	3.68	3.61	3.59	1.02
0.21	0.12	0.07	0.04	0.01	0.006	0	0	0.001	0	2.55	2.35	3.73	3.67	3.59	3.58	1.02
0.21	0.12	0.07	0.03	0.01	0.006	-0.001	0	0.001	0	2.31	2.33	3.73	3.68	3.59	3.58	1.02
0.21	0.12	0.07	0.03	0.01	0.006	-0.001	0.001	0.001	0	2.14	2.17	3.74	3.67	3.61	3.6	1.01
0.21	0.12	0.07	0.03	0.01	0.007	-0.002	0.001	0	0	2.71	2.51	3.75	3.68	3.62	3.58	1.01
0.21	0.12	0.07	0.03	0.01	0.007	-0.002	0.001	0	0	2.64	2.48	3.73	3.67	3.63	3.59	1
0.21	0.12	0.07	0.03	0.01	0.006	-0.002	0.001	0	0	2.02	2.27	3.72	3.68	3.6	3.56	1
0.21	0.12	0.07	0.03	0.01	0.006	-0.003	0.002	0	0	2.51	2.14	3.72	3.67	3.59	3.55	1
0.22	0.13	0.07	0.03	0.01	0.005	-0.003	0.002	0	0	2.67	2.3	3.72	3.65	3.58	3.55	1
0.22	0.13	0.07	0.03	0.01	0.005	-0.002	0.001	0	0	2.64	2.08	3.7	3.64	3.59	3.54	1
0.23	0.13	0.07	0.04	0.01	0.004	-0.002	0.001	0	0	2.54	1.82	3.71	3.64	3.58	3.55	1
0.24	0.14	0.08	0.04	0.01	0.004	-0.002	0.001	0	0	1.65	2.42	3.73	3.67	3.62	3.57	1
0.25	0.15	0.08	0.04	0.01	0.003	-0.001	0.001	0	0	2.64	2.43	3.75	3.67	3.68	3.55	1.01
0.26	0.15	0.09	0.04	0.01	0.003	0	0	0	0	2.77	2.47	3.76	3.67	3.67	3.57	1.01
0.27	0.16	0.09	0.04	0.01	0.004	0	0	0	0	2.61	2.53	3.76	3.68	3.63	3.59	1.01
0.29	0.17	0.1	0.04	0.01	0.005	0.001	0	0	0	1.67	2.54	3.75	3.67	3.65	3.56	1.01
0.3	0.18	0.1	0.05	0.02	0.007	0.003	0.001	0	0	2.55	2.25	3.74	3.67	3.62	3.56	1.02
0.32	0.19	0.11	0.05	0.02	0.009	0.005	0.001	0	0	2.77	1.99	3.74	3.67	3.6	3.56	1.02
0.34	0.2	0.11	0.06	0.02	0.01	0.007	0.002	0	0	2.57	1.54	3.74	3.67	3.63	3.56	1.02
0.36	0.21	0.12	0.06	0.03	0.01	0.009	0.003	0	0	1.95	2.22	3.77	3.68	3.65	3.58	1.02
0.38	0.22	0.13	0.07	0.03	0.01	0.01	0.003	0	0	2.74	2.07	3.77	3.69	3.66	3.58	1.02
0.4	0.23	0.13	0.07	0.03	0.01	0.01	0.003	-0.001	0	2.87	2.4	3.78	3.69	3.65	3.57	1.03
0.42	0.24	0.14	0.07	0.04	0.02	0.01	0.004	-0.001	0	2.54	2.36	3.77	3.69	3.64	3.58	1.03
0.44	0.25	0.14	0.08	0.04	0.02	0.01	0.005	-0.001	0	1.91	2.26	3.75	3.68	3.63	3.58	1.03
0.46	0.27	0.15	0.08	0.04	0.02	0.01	0.007	0	0	2.56	2.42	3.74	3.69	3.62	3.58	1.04
0.48	0.28	0.15	0.08	0.05	0.02	0.01	0.009	0	0	2.53	2.52	3.75	3.7	3.61	3.57	1.04
0.5	0.29	0.16	0.09	0.05	0.03	0.01	0.01	0.001	0	2.28	2.43	3.77	3.69	3.62	3.59	1.04
0.53	0.3	0.17	0.09	0.06	0.03	0.01	0.01	0.002	0	2.22	2.15	3.75	3.69	3.61	3.6	1.04
0.55	0.31	0.17	0.1	0.06	0.03	0.02	0.01	0.003	0	2.09	1.84	3.75	3.68	3.61	3.57	1.04
0.57	0.33	0.18	0.1	0.06	0.04	0.02	0.01	0.005	0	2.1	2.25	3.74	3.69	3.61	3.56	1.03
0.59	0.34	0.19	0.11	0.07	0.04	0.02	0.01	0.007	0	2.18	1.91	3.74	3.69	3.6	3.58	1.03
0.62	0.36	0.2	0.11	0.07	0.04	0.02	0.02	0.008	0	2.29	2.05	3.75	3.68	3.62	3.59	1.02
0.64	0.37	0.21	0.12	0.08	0.05	0.03	0.02	0.01	0	2.34	2.5	3.75	3.69	3.62	3.57	1.02
0.67	0.39	0.23	0.13	0.08	0.05	0.03	0.02	0.01	0	1.78	2.42	3.73	3.67	3.62	3.57	1.01
0.7	0.41	0.24	0.14	0.09	0.06	0.04	0.02	0.01	0	2.38	1.99	3.73	3.67	3.61	3.55	1
0.74	0.44	0.26	0.15	0.09	0.06	0.04	0.03	0.01	0	2.39	2.41	3.72	3.66	3.61	3.56	0.99
0.8	0.48	0.28	0.16	0.1	0.07	0.05	0.03	0.01	0	2.19	2.44	3.71	3.66	3.59	3.55	0.99
0.86	0.52	0.31	0.18	0.11	0.08	0.05	0.03	0.01	0	1.78	2.49	3.73	3.66	3.6	3.58	0.98
0.94	0.57	0.34	0.2	0.12	0.09	0.05	0.04	0.01	0	2.35	2.47	3.74	3.67	3.61	3.57	0.98
1.05	0.65	0.39	0.23	0.14	0.09	0.06	0.04	0.02	0	2.3	2.3	3.74	3.69	3.63	3.57	0.98
1.17	0.73	0.44	0.26	0.15	0.1	0.06	0.04	0.02	0	1.88	1.96	3.73	3.68	3.63	3.58	0.98
1.32	0.85	0.52	0.3	0.17	0.11	0.07	0.04	0.02	0	2.13	1.81	3.74	3.67	3.59	3.57	0.97
1.49	0.97	0.6	0.35	0.2	0.12	0.07	0.04	0.02	0	2.19	1.9	3.72	3.67	3.6	3.57	0.97
1.68	1.12	0.71	0.41	0.23	0.13	0.07	0.04	0.02	0	1.69	1.97	3.72	3.67	3.61	3.56	0.97
1.88	1.29	0.82	0.48	0.26	0.14	0.07	0.04	0.01	0	2.03	2.39	3.73	3.67	3.6	3.57	0.97
2.11	1.47	0.95	0.56	0.3	0.15	0.07	0.03	0.01	0	2.12	2.52	3.7	3.66	3.59	3.55	0.97
2.31	1.65	1.08	0.64	0.33	0.16	0.07	0.03	0.01	0	2.09	2.27	3.71	3.65	3.59	3.53	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.54	1.84	1.23	0.73	0.38	0.17	0.07	0.02	0.005	0	1.85	2.19	3.72	3.65	3.6	3.54	0.98
2.75	2.04	1.38	0.83	0.43	0.19	0.07	0.02	0.002	0	1.89	2.2	3.73	3.67	3.58	3.55	0.98
2.97	2.24	1.54	0.94	0.49	0.22	0.08	0.02	0.002	0	2.09	2.27	3.74	3.68	3.6	3.59	0.98
3.17	2.43	1.71	1.06	0.56	0.25	0.09	0.02	0.004	0	1.95	2.25	3.74	3.68	3.61	3.61	0.99
3.35	2.61	1.87	1.18	0.64	0.29	0.1	0.03	0.006	0	1.64	2.18	3.75	3.69	3.63	3.64	0.99
3.5	2.77	2.02	1.3	0.72	0.33	0.12	0.03	0.009	0	1.69	2.4	3.74	3.69	3.64	3.63	1
3.63	2.91	2.15	1.42	0.8	0.37	0.13	0.04	0.01	0	1.47	2.26	3.76	3.69	3.62	3.58	1
3.74	3.03	2.28	1.53	0.88	0.42	0.15	0.04	0.01	0	2.11	2.09	3.76	3.67	3.59	3.58	1
3.82	3.13	2.38	1.62	0.95	0.46	0.17	0.05	0.01	0	1.86	2.42	3.75	3.68	3.61	3.6	1.01
3.89	3.22	2.48	1.71	1.03	0.51	0.19	0.06	0.01	0	1.57	2.37	3.74	3.69	3.6	3.56	1.01
3.94	3.29	2.55	1.79	1.09	0.55	0.22	0.07	0.02	0	2.13	2.22	3.74	3.68	3.61	3.56	1.01
3.99	3.35	2.63	1.87	1.16	0.6	0.24	0.08	0.02	0	2.22	2.27	3.75	3.66	3.6	3.6	1.01
4.04	3.41	2.7	1.95	1.23	0.64	0.26	0.09	0.03	0	2.07	2.48	3.76	3.68	3.61	3.62	1.01
4.07	3.46	2.77	2.01	1.29	0.68	0.29	0.1	0.03	0	1.72	2.34	3.75	3.68	3.62	3.62	1.01
4.1	3.5	2.82	2.07	1.34	0.73	0.31	0.11	0.03	0	2	1.83	3.74	3.68	3.62	3.6	1
4.13	3.55	2.88	2.14	1.4	0.77	0.34	0.12	0.04	0	1.57	2.15	3.74	3.68	3.62	3.6	1
4.16	3.59	2.93	2.2	1.46	0.81	0.36	0.13	0.04	0	2.03	1.69	3.73	3.66	3.61	3.59	1
4.19	3.63	2.98	2.25	1.51	0.85	0.38	0.14	0.05	0	2.31	1.9	3.73	3.68	3.58	3.58	1
4.22	3.66	3.02	2.3	1.56	0.89	0.4	0.15	0.05	0	2.41	2.08	3.73	3.66	3.6	3.57	0.99
4.24	3.69	3.06	2.34	1.6	0.92	0.42	0.16	0.05	0	2	2.19	3.74	3.67	3.63	3.56	0.99
4.25	3.71	3.09	2.38	1.63	0.95	0.43	0.17	0.05	0	2.37	2.1	3.75	3.68	3.62	3.58	0.98
4.25	3.72	3.1	2.4	1.65	0.96	0.44	0.17	0.06	0	2.68	1.59	3.77	3.69	3.67	3.59	0.97
4.24	3.71	3.1	2.4	1.67	0.97	0.45	0.17	0.06	0	2.51	2.17	3.76	3.7	3.66	3.59	0.95
4.21	3.7	3.09	2.4	1.67	0.98	0.45	0.18	0.06	0	1.9	2.29	3.73	3.69	3.65	3.59	0.94
4.18	3.67	3.08	2.4	1.67	0.98	0.45	0.18	0.06	0	2.6	2.14	3.7	3.65	3.58	3.55	0.92
4.14	3.64	3.06	2.39	1.66	0.98	0.45	0.18	0.06	0	2.7	2.16	3.69	3.62	3.58	3.52	0.91
4.11	3.62	3.04	2.38	1.66	0.97	0.45	0.18	0.06	0	2.7	1.76	3.68	3.61	3.57	3.51	0.9
4.09	3.6	3.03	2.37	1.65	0.97	0.45	0.17	0.06	0	2.38	2.16	3.68	3.61	3.57	3.52	0.89
4.07	3.58	3.01	2.36	1.64	0.96	0.44	0.17	0.06	0	1.77	2.21	3.7	3.62	3.58	3.53	0.88
4.06	3.57	3	2.34	1.62	0.94	0.44	0.17	0.05	0	2.59	2.11	3.72	3.61	3.61	3.55	0.88
4.04	3.55	2.98	2.31	1.6	0.92	0.43	0.16	0.05	0	2.54	2.38	3.72	3.63	3.64	3.56	0.88
4.03	3.53	2.95	2.28	1.56	0.9	0.41	0.16	0.05	0	2.1	2.37	3.73	3.62	3.66	3.57	0.88
4	3.5	2.91	2.24	1.52	0.87	0.4	0.15	0.05	0	1.92	2.48	3.74	3.66	3.67	3.59	0.88
3.97	3.46	2.87	2.19	1.48	0.83	0.38	0.14	0.04	0	1.99	2.35	3.76	3.68	3.7	3.56	0.88
3.93	3.42	2.82	2.14	1.43	0.8	0.36	0.14	0.04	0	2.39	1.78	3.76	3.65	3.67	3.56	0.89
3.88	3.36	2.76	2.08	1.38	0.76	0.34	0.13	0.04	0	2.04	1.77	3.75	3.65	3.64	3.57	0.89
3.83	3.29	2.68	2.01	1.31	0.72	0.32	0.12	0.03	0	2.19	1.93	3.75	3.64	3.63	3.57	0.9
3.76	3.21	2.6	1.93	1.25	0.68	0.3	0.12	0.03	0	2.18	2.27	3.75	3.64	3.64	3.54	0.91
3.69	3.13	2.51	1.85	1.19	0.64	0.28	0.11	0.02	0	2.13	2.11	3.75	3.65	3.67	3.55	0.91
3.6	3.03	2.41	1.75	1.11	0.6	0.27	0.1	0.02	0	2.24	2.16	3.75	3.65	3.69	3.57	0.92
3.51	2.93	2.3	1.65	1.04	0.56	0.25	0.1	0.02	0	2.04	2.48	3.75	3.65	3.68	3.58	0.93
3.41	2.81	2.19	1.55	0.97	0.52	0.23	0.09	0.01	0	2.41	2.52	3.74	3.65	3.66	3.57	0.94
3.29	2.68	2.06	1.45	0.89	0.48	0.21	0.08	0.01	0	2.24	2.56	3.74	3.66	3.64	3.55	0.95
3.16	2.54	1.93	1.34	0.82	0.44	0.2	0.08	0.01	0	2.2	2.21	3.74	3.66	3.64	3.56	0.96
3.01	2.4	1.8	1.23	0.76	0.41	0.19	0.08	0.01	0	1.68	2.05	3.75	3.65	3.64	3.59	0.97
2.86	2.25	1.67	1.13	0.7	0.38	0.18	0.07	0.01	0	1.96	2.3	3.75	3.66	3.62	3.58	0.98
2.7	2.1	1.54	1.04	0.65	0.36	0.18	0.07	0.01	0	2.37	2.15	3.74	3.68	3.61	3.58	0.99
2.53	1.94	1.42	0.96	0.6	0.34	0.17	0.07	0.02	0	2.56	2.12	3.75	3.68	3.63	3.62	0.99
2.36	1.8	1.31	0.89	0.56	0.33	0.17	0.08	0.02	0	2.56	2.21	3.77	3.67	3.6	3.6	1
2.19	1.65	1.2	0.82	0.52	0.31	0.17	0.08	0.02	0	2.2	1.36	3.77	3.67	3.6	3.56	1
2.02	1.52	1.1	0.76	0.5	0.3	0.16	0.08	0.02	0	2.09	2.22	3.75	3.68	3.63	3.58	1.01
1.86	1.39	1.01	0.71	0.47	0.29	0.16	0.08	0.02	0	2.37	2.23	3.75	3.68	3.63	3.58	1.01
1.71	1.28	0.94	0.67	0.44	0.28	0.16	0.08	0.03	0	1.63	1.96	3.75	3.7	3.63	3.6	1.01
1.59	1.19	0.89	0.63	0.43	0.28	0.16	0.08	0.03	0	2.09	2.21	3.75	3.69	3.66	3.57	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.5	1.12	0.84	0.61	0.42	0.27	0.16	0.08	0.03	0	2.23	1.78	3.77	3.69	3.65	3.54	1.02
1.42	1.07	0.81	0.59	0.41	0.26	0.16	0.08	0.03	0	2.31	2.23	3.74	3.66	3.63	3.55	1.02
1.37	1.04	0.79	0.58	0.4	0.26	0.16	0.09	0.03	0	2.16	2.26	3.75	3.68	3.64	3.56	1.02
1.33	1.01	0.77	0.57	0.39	0.25	0.16	0.09	0.03	0	2.06	2.02	3.77	3.71	3.62	3.59	1.02
1.3	1	0.76	0.56	0.38	0.25	0.15	0.09	0.04	0	2.37	2.28	3.77	3.73	3.64	3.62	1.03
1.29	0.99	0.75	0.55	0.38	0.25	0.15	0.09	0.04	0	2.1	2.29	3.77	3.71	3.64	3.6	1.03
1.27	0.98	0.74	0.55	0.38	0.24	0.15	0.09	0.04	0	2.2	2.3	3.77	3.7	3.64	3.59	1.03
1.26	0.97	0.74	0.54	0.37	0.24	0.15	0.09	0.04	0	2.34	2.28	3.75	3.69	3.64	3.59	1.03
1.26	0.97	0.73	0.53	0.37	0.24	0.14	0.09	0.04	0	1.87	2.45	3.76	3.69	3.63	3.57	1.03
1.25	0.96	0.73	0.53	0.36	0.23	0.14	0.09	0.04	0	2.13	2.42	3.74	3.68	3.61	3.57	1.02
1.25	0.96	0.73	0.53	0.36	0.23	0.14	0.08	0.04	0	2.3	2.38	3.74	3.68	3.64	3.58	1.02
1.25	0.96	0.72	0.53	0.36	0.23	0.14	0.08	0.04	0	2.23	2.25	3.73	3.69	3.62	3.56	1.02
1.25	0.95	0.72	0.52	0.36	0.22	0.14	0.08	0.04	0	1.74	1.86	3.74	3.69	3.62	3.58	1.01
1.24	0.95	0.72	0.52	0.35	0.22	0.14	0.08	0.04	0	1.93	2.07	3.75	3.67	3.61	3.58	1.01
1.24	0.95	0.71	0.52	0.35	0.22	0.14	0.08	0.04	0	2.22	2.37	3.76	3.67	3.62	3.58	1.01
1.24	0.95	0.71	0.52	0.35	0.22	0.14	0.08	0.04	0	2.28	2.12	3.75	3.69	3.61	3.57	1.01
1.24	0.95	0.71	0.51	0.35	0.22	0.14	0.08	0.04	0	2	2.01	3.76	3.67	3.63	3.59	1
1.24	0.94	0.71	0.51	0.35	0.22	0.14	0.08	0.04	0	2.31	2.04	3.74	3.68	3.63	3.56	1
1.25	0.94	0.7	0.51	0.35	0.22	0.13	0.08	0.03	0	2.41	2.39	3.74	3.68	3.61	3.57	1
1.25	0.94	0.7	0.51	0.35	0.22	0.13	0.08	0.03	0	2.29	2.41	3.75	3.68	3.58	3.56	1
1.26	0.94	0.7	0.51	0.34	0.21	0.13	0.08	0.03	0	1.85	2.39	3.75	3.68	3.6	3.58	1
1.26	0.94	0.7	0.5	0.34	0.21	0.13	0.08	0.03	0	1.93	2.24	3.76	3.68	3.61	3.6	1
0.89	0.62	0.45	0.32	0.2	0.12	0.06	0.04	0.01	0	2.09	2.44	3.71	3.64	3.61	3.55	1
0.88	0.62	0.45	0.32	0.21	0.12	0.06	0.04	0.01	0	2.03	2.37	3.73	3.68	3.61	3.57	1
0.88	0.62	0.44	0.31	0.2	0.12	0.07	0.04	0.01	0	1.69	2.31	3.71	3.67	3.59	3.56	1
0.88	0.61	0.44	0.31	0.2	0.12	0.07	0.04	0.01	0	2.02	2.29	3.73	3.66	3.58	3.57	1
0.88	0.61	0.44	0.31	0.2	0.12	0.07	0.04	0.01	0	2.41	2.27	3.74	3.68	3.61	3.57	1
0.88	0.6	0.43	0.3	0.2	0.12	0.07	0.04	0.01	0	2.45	2.55	3.75	3.68	3.61	3.63	1
0.9	0.6	0.42	0.3	0.2	0.12	0.07	0.04	0.01	0	1.91	2.4	3.75	3.69	3.65	3.67	1
0.92	0.6	0.42	0.29	0.19	0.12	0.06	0.04	0.01	0	2.4	2.43	3.78	3.7	3.64	3.67	1
0.95	0.62	0.41	0.28	0.19	0.11	0.06	0.04	0.01	0	2.77	2.48	3.76	3.68	3.62	3.61	1
1.01	0.64	0.42	0.28	0.19	0.11	0.06	0.04	0.01	0	2.69	2.52	3.74	3.66	3.58	3.58	0.99
1.1	0.68	0.43	0.29	0.19	0.11	0.06	0.04	0.01	0	1.65	2.36	3.73	3.68	3.62	3.57	0.99
1.2	0.73	0.45	0.29	0.19	0.11	0.06	0.04	0.01	0	2.51	2.44	3.72	3.67	3.62	3.58	0.99
1.34	0.81	0.48	0.3	0.19	0.11	0.06	0.04	0.01	0	2.47	2.36	3.75	3.68	3.6	3.56	0.99
1.5	0.9	0.52	0.31	0.19	0.11	0.06	0.04	0.01	0	2.39	2.52	3.74	3.68	3.62	3.57	0.98
1.67	1	0.56	0.32	0.19	0.11	0.06	0.04	0.01	0	2.12	2.46	3.74	3.67	3.63	3.59	0.98
1.85	1.11	0.62	0.34	0.19	0.11	0.06	0.03	0.01	0	1.64	2.31	3.74	3.68	3.65	3.58	0.98
2.04	1.23	0.67	0.35	0.19	0.1	0.05	0.03	0.01	0	2.17	2.18	3.74	3.69	3.65	3.6	0.97
2.21	1.34	0.73	0.37	0.19	0.1	0.05	0.03	0.01	0	2.22	2.36	3.74	3.67	3.61	3.58	0.97
2.39	1.47	0.8	0.39	0.19	0.1	0.05	0.03	0.01	0	1.92	2.32	3.72	3.67	3.6	3.57	0.97
2.55	1.59	0.86	0.42	0.19	0.1	0.05	0.03	0.01	0	2.08	2.38	3.72	3.65	3.6	3.56	0.97
2.7	1.7	0.93	0.44	0.2	0.09	0.05	0.03	0.01	0	2.27	2.39	3.72	3.66	3.63	3.57	0.97
2.85	1.81	1	0.47	0.2	0.09	0.04	0.02	0.01	0	2.07	2.06	3.72	3.66	3.6	3.56	0.97
2.98	1.92	1.06	0.49	0.2	0.08	0.03	0.01	0.009	0	1.18	1.98	3.72	3.65	3.59	3.56	0.97
3.09	2.02	1.12	0.51	0.2	0.07	0.03	0.01	0.005	0	1.57	2.33	3.73	3.66	3.61	3.57	0.97
3.2	2.1	1.17	0.53	0.2	0.06	0.02	0.007	-0.001	0	1.85	2.36	3.75	3.68	3.62	3.58	0.97
3.28	2.17	1.22	0.55	0.2	0.06	0.01	0.002	-0.004	0	1.74	2.27	3.74	3.67	3.62	3.58	0.98
3.36	2.24	1.26	0.58	0.2	0.06	0.01	0.003	-0.002	0	1.8	2.4	3.74	3.67	3.59	3.6	0.98
3.41	2.29	1.3	0.6	0.21	0.06	0.01	0.003	-0.001	0	1.71	1.97	3.75	3.68	3.58	3.6	0.98
3.44	2.32	1.33	0.61	0.22	0.06	0.01	0.003	0	0	1.6	2.17	3.73	3.67	3.6	3.58	0.98
3.46	2.34	1.35	0.63	0.22	0.06	0.01	0.003	0	0	1.36	2.17	3.74	3.67	3.59	3.58	0.98
3.46	2.35	1.36	0.64	0.23	0.06	0.01	0.003	0	0	1.76	2.06	3.74	3.67	3.61	3.56	0.99
3.46	2.36	1.37	0.65	0.23	0.06	0.01	0.003	0	0	1.49	2.23	3.74	3.67	3.6	3.58	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.45	2.36	1.38	0.66	0.24	0.06	0.01	0.004	0	0	1.8	2.28	3.73	3.67	3.62	3.57	0.99
3.43	2.35	1.38	0.67	0.25	0.07	0.01	0.004	0	0	2.2	2.49	3.73	3.66	3.59	3.56	0.99
3.41	2.34	1.38	0.67	0.25	0.07	0.01	0.004	-0.001	0	2.11	2.38	3.73	3.67	3.58	3.57	0.99
3.39	2.34	1.38	0.68	0.26	0.07	0.01	0.004	-0.001	0	1.98	2.34	3.72	3.68	3.58	3.57	0.99
3.37	2.32	1.38	0.69	0.27	0.08	0.01	0.004	-0.001	0	2.51	2.32	3.74	3.66	3.59	3.54	0.99
3.35	2.31	1.38	0.69	0.27	0.08	0.01	0.004	-0.001	0	2.45	2.54	3.75	3.67	3.61	3.57	0.99
3.32	2.29	1.38	0.69	0.28	0.09	0.01	0.004	-0.002	0	1.85	2.47	3.73	3.69	3.59	3.57	0.99
3.29	2.27	1.37	0.7	0.29	0.09	0.01	0.004	-0.002	0	2.56	2.4	3.74	3.68	3.61	3.57	0.99
3.26	2.25	1.36	0.7	0.29	0.09	0.02	0.005	-0.002	0	2.61	2.36	3.74	3.68	3.61	3.56	1
3.23	2.23	1.36	0.71	0.3	0.1	0.02	0.009	0.001	0	2.05	2.28	3.74	3.7	3.61	3.58	1
3.19	2.21	1.35	0.71	0.31	0.11	0.03	0.01	0.002	0	2.26	2.33	3.74	3.69	3.62	3.6	1
3.15	2.19	1.35	0.72	0.32	0.12	0.03	0.01	0.002	0	2.57	2.28	3.75	3.68	3.63	3.59	1
3.11	2.16	1.34	0.73	0.33	0.12	0.03	0.01	0.003	0	2.61	2.18	3.75	3.69	3.62	3.59	1
3.06	2.14	1.34	0.73	0.34	0.13	0.04	0.01	0.003	0	2.31	2.03	3.75	3.68	3.61	3.57	1
3.02	2.11	1.33	0.74	0.35	0.13	0.04	0.01	0.002	0	2.32	2.1	3.73	3.67	3.6	3.56	0.99
2.98	2.09	1.33	0.74	0.35	0.13	0.04	0.01	0.001	0	2.73	2.58	3.73	3.65	3.59	3.56	0.99
2.95	2.07	1.32	0.75	0.36	0.13	0.03	0.01	-0.001	0	2.69	2.4	3.74	3.66	3.57	3.54	0.98
2.92	2.05	1.31	0.75	0.36	0.13	0.03	0.01	-0.003	0	1.85	2.23	3.73	3.68	3.6	3.57	0.98
2.89	2.04	1.31	0.75	0.36	0.13	0.03	0.01	-0.003	0	2.42	2.11	3.75	3.69	3.63	3.59	0.97
2.88	2.03	1.31	0.76	0.36	0.13	0.03	0.01	-0.002	0	2.66	2.18	3.76	3.67	3.62	3.57	0.96
2.87	2.03	1.32	0.76	0.36	0.13	0.03	0.01	-0.002	0	2.62	2.33	3.74	3.67	3.64	3.56	0.96
2.86	2.03	1.32	0.76	0.36	0.13	0.03	0.01	-0.002	0	2.34	2.06	3.72	3.66	3.6	3.59	0.95
2.87	2.04	1.32	0.76	0.36	0.13	0.03	0.01	-0.002	0	1.71	2.47	3.73	3.66	3.6	3.57	0.94
2.89	2.05	1.33	0.76	0.36	0.13	0.03	0.01	-0.001	0	2.56	2.52	3.71	3.66	3.58	3.54	0.94
2.91	2.07	1.34	0.76	0.35	0.12	0.03	0.01	-0.001	0	2.69	2.43	3.7	3.64	3.56	3.54	0.94
2.95	2.08	1.34	0.76	0.35	0.12	0.03	0.01	0	0	2.49	2.32	3.71	3.65	3.57	3.57	0.94
2.98	2.1	1.35	0.75	0.34	0.11	0.02	0.009	0.001	0	1.76	2.23	3.71	3.65	3.59	3.56	0.94
3.02	2.13	1.35	0.74	0.33	0.1	0.02	0.008	0.002	0	2.57	2.39	3.73	3.66	3.61	3.57	0.93
3.06	2.15	1.36	0.74	0.32	0.1	0.02	0.006	0.002	0	2.66	2.5	3.74	3.66	3.6	3.61	0.93
3.09	2.17	1.36	0.73	0.31	0.09	0.01	0.005	0.003	0	2.41	2.36	3.73	3.69	3.61	3.6	0.93
3.12	2.19	1.36	0.72	0.3	0.09	0.01	0.005	0.003	0	1.85	2.33	3.72	3.67	3.6	3.58	0.93
3.14	2.2	1.37	0.71	0.29	0.09	0.01	0.004	0.003	0	2.42	2.3	3.74	3.65	3.59	3.55	0.93
3.16	2.21	1.36	0.7	0.29	0.08	0.01	0.004	0.002	0	2.37	2.21	3.72	3.65	3.59	3.58	0.93
3.17	2.22	1.36	0.69	0.28	0.08	0.01	0.004	0.002	0	1.7	2.13	3.73	3.65	3.6	3.58	0.94
3.18	2.22	1.35	0.68	0.26	0.07	0.01	0.004	0.001	0	1.73	2.24	3.73	3.65	3.59	3.57	0.94
3.18	2.22	1.34	0.66	0.25	0.07	0.01	0.003	0.001	0	1.82	2.3	3.74	3.64	3.6	3.59	0.94
3.19	2.21	1.32	0.64	0.24	0.06	0.01	0.003	0	0	1.63	2.28	3.74	3.66	3.6	3.59	0.94
3.19	2.2	1.3	0.62	0.22	0.05	0.009	0.003	0	0	1.58	2.29	3.74	3.66	3.59	3.61	0.95
3.18	2.18	1.27	0.59	0.2	0.05	0.007	0.002	0	0	1.85	2.17	3.74	3.68	3.6	3.62	0.95
3.17	2.16	1.24	0.57	0.19	0.04	0.005	0.002	0	0	2.47	2.21	3.75	3.67	3.6	3.61	0.96
3.14	2.12	1.21	0.54	0.17	0.03	0.002	0.002	0.001	0	2.5	2.36	3.75	3.67	3.58	3.58	0.97
3.09	2.07	1.16	0.51	0.16	0.03	0.002	0.003	0	0	2.15	2.33	3.73	3.67	3.6	3.58	0.97
3.02	2	1.11	0.47	0.14	0.03	0.002	0.003	0	0	2.12	2.09	3.75	3.69	3.6	3.59	0.98
2.92	1.91	1.04	0.44	0.13	0.02	0.001	0.003	0.001	0	2.58	2.33	3.75	3.68	3.62	3.59	0.99
2.79	1.8	0.97	0.4	0.12	0.02	0.001	0.004	0.001	0	2.61	2.22	3.76	3.68	3.63	3.61	0.99
2.63	1.67	0.88	0.36	0.1	0.02	0	0.004	0.001	0	2.46	2.03	3.74	3.7	3.63	3.6	1
2.45	1.54	0.8	0.32	0.09	0.01	0	0.004	0.001	0	1.72	2.12	3.75	3.68	3.63	3.58	1
2.25	1.39	0.71	0.28	0.08	0.01	0	0.004	0.001	0	2.56	2.32	3.74	3.68	3.59	3.59	1.01
2.05	1.24	0.63	0.25	0.07	0.01	0	0.004	0	0	2.54	2.17	3.74	3.67	3.6	3.57	1.01
1.83	1.1	0.55	0.22	0.07	0.01	0	0.003	-0.002	0	1.77	2.4	3.76	3.68	3.63	3.6	1.01
1.63	0.97	0.48	0.19	0.07	0.02	0.002	0.005	-0.002	0	1.9	2.39	3.76	3.7	3.64	3.62	1.01
1.42	0.84	0.42	0.17	0.06	0.02	0.005	0.007	0	0	1.78	2.37	3.76	3.71	3.62	3.6	1.01
1.24	0.72	0.36	0.15	0.06	0.03	0.008	0.009	0.001	0	1.9	2.52	3.76	3.7	3.62	3.59	1.01
1.08	0.63	0.32	0.14	0.06	0.03	0.01	0.01	0.002	0	2.16	2.41	3.75	3.68	3.63	3.55	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.94	0.54	0.28	0.13	0.06	0.03	0.01	0.01	0.002	0	1.68	2.38	3.75	3.67	3.63	3.56	1.01
0.82	0.48	0.25	0.12	0.06	0.03	0.01	0.01	0.002	0	2.09	2.49	3.74	3.68	3.64	3.58	1
0.74	0.43	0.23	0.11	0.06	0.03	0.01	0.008	0.001	0	2.25	2.28	3.75	3.67	3.64	3.56	1
0.68	0.4	0.22	0.11	0.06	0.03	0.01	0.009	0.001	0	2.33	2.24	3.76	3.66	3.65	3.54	0.99
0.64	0.38	0.21	0.11	0.06	0.03	0.01	0.008	0.001	0	2.32	2.56	3.76	3.67	3.65	3.55	0.99
0.62	0.37	0.2	0.11	0.06	0.03	0.01	0.008	0.001	0	1.95	2.61	3.75	3.67	3.65	3.57	0.98
0.6	0.36	0.2	0.1	0.06	0.03	0.01	0.009	0.001	0	2.07	2.42	3.75	3.67	3.63	3.57	0.98
0.59	0.35	0.2	0.1	0.06	0.03	0.01	0.009	0.001	0	2.4	2.2	3.75	3.67	3.6	3.57	0.97
0.58	0.34	0.19	0.1	0.05	0.02	0.01	0.008	0.001	0	2.24	2.06	3.75	3.69	3.61	3.56	0.97
0.57	0.33	0.18	0.09	0.05	0.02	0.01	0.007	0.001	0	1.68	2.45	3.74	3.67	3.61	3.57	0.96
0.56	0.33	0.18	0.09	0.04	0.02	0.01	0.006	0.001	0	2.28	2.29	3.75	3.68	3.64	3.58	0.96
0.54	0.32	0.17	0.08	0.04	0.02	0.01	0.006	0.001	0	2.17	1.64	3.73	3.66	3.62	3.57	0.95
0.53	0.31	0.16	0.08	0.04	0.02	0.01	0.006	0.001	0	1.66	1.91	3.73	3.64	3.62	3.56	0.94
0.52	0.3	0.16	0.07	0.03	0.02	0.01	0.006	0.001	0	1.98	2.37	3.72	3.64	3.6	3.54	0.94
0.5	0.29	0.15	0.07	0.03	0.01	0.01	0.007	0.001	0	2.05	2.3	3.72	3.62	3.58	3.56	0.93
0.49	0.28	0.15	0.07	0.03	0.01	0.01	0.007	0.002	0	1.78	2.03	3.71	3.64	3.61	3.57	0.93
0.47	0.27	0.14	0.06	0.03	0.01	0.01	0.007	0.002	0	1.48	2.19	3.73	3.66	3.64	3.57	0.93
0.46	0.26	0.13	0.06	0.03	0.01	0.01	0.007	0.001	0	1.87	2.1	3.73	3.66	3.67	3.59	0.93
0.44	0.25	0.13	0.06	0.02	0.01	0.01	0.007	0	0	2.2	2.15	3.72	3.68	3.65	3.6	0.93
0.43	0.24	0.12	0.05	0.02	0.01	0.009	0.006	-0.001	0	2.28	1.96	3.74	3.67	3.67	3.6	0.93
0.41	0.24	0.12	0.05	0.02	0.01	0.008	0.006	-0.002	0	1.97	1.57	3.73	3.67	3.66	3.6	0.93
0.4	0.23	0.12	0.05	0.02	0.01	0.008	0.006	-0.003	0	1.57	2.46	3.75	3.65	3.62	3.58	0.93
0.38	0.22	0.11	0.05	0.02	0.01	0.008	0.007	-0.003	0	2.16	2.43	3.73	3.65	3.61	3.62	0.93
0.37	0.21	0.11	0.05	0.03	0.01	0.009	0.008	-0.003	0	2.22	2.46	3.76	3.66	3.62	3.62	0.93
0.36	0.21	0.11	0.05	0.03	0.01	0.01	0.009	-0.002	0	2.22	2.43	3.76	3.67	3.63	3.61	0.93
0.34	0.2	0.11	0.06	0.03	0.01	0.01	0.01	-0.002	0	1.97	2.25	3.74	3.67	3.61	3.57	0.93
0.33	0.2	0.11	0.06	0.03	0.02	0.01	0.01	-0.002	0	1.84	2.32	3.75	3.64	3.62	3.55	0.94
0.33	0.2	0.11	0.06	0.03	0.02	0.01	0.01	-0.002	0	1.91	2.4	3.74	3.64	3.61	3.55	0.94
0.32	0.2	0.11	0.06	0.03	0.02	0.01	0.01	-0.002	0	1.34	2.27	3.75	3.65	3.59	3.51	0.94
0.32	0.2	0.11	0.05	0.03	0.02	0.01	0.01	-0.002	0	1.71	2.01	3.74	3.63	3.59	3.55	0.95
0.33	0.2	0.11	0.05	0.03	0.01	0.01	0.008	-0.003	0	1.15	2.15	3.74	3.65	3.58	3.57	0.95
0.37	0.21	0.11	0.05	0.02	0.01	0.01	0.005	-0.005	0	1.66	2.27	3.74	3.65	3.59	3.59	0.96
0.42	0.24	0.12	0.05	0.02	0.01	0.008	0.002	-0.006	0	1.76	2.33	3.74	3.64	3.59	3.57	0.97
0.5	0.27	0.13	0.05	0.02	0.01		0	-0.008	0	1.75	2.47	3.73	3.66	3.61	3.55	0.98
0.6	0.33	0.15	0.06	0.02	0.01	0.007	0	-0.008	0	1.66	2.42	3.75	3.67	3.61	3.59	0.98
0.73	0.39	0.17	0.06	0.02	0.01	0.006	0.001	-0.007	0	1.8	2.5	3.77	3.68	3.62	3.59	0.99
0.87	0.46	0.2	0.07	0.02	0.01	0.004	0.001	-0.006	0	2.05	2.47	3.81	3.73	3.64	3.61	1
1.01	0.53	0.22	0.07	0.02	0.007	0.001	0	-0.006	0	1.8	2.39	3.81	3.73	3.65	3.62	1
1.17	0.6	0.24	0.07	0.01	0.006		0	-0.005	0	1.42	2.45	3.77	3.69	3.63	3.61	1
1.31	0.67	0.27	0.07	0.01	0.006		0	-0.004	0	1.85	2.53	3.75	3.68	3.63	3.6	1
1.45	0.74	0.29	0.08	0.01	0.004		0.001	-0.003	0	1.78	2.27	3.76	3.68	3.63	3.59	1
1.57	0.8	0.31	0.08	0.01	0.005		0.001	-0.003	0	1.66	2.28	3.74	3.68	3.64	3.61	1
1.66	0.85	0.32	0.08	0.01	0.005		0.001	-0.002	0	1.64	2.39	3.75	3.66	3.61	3.6	1
1.72	0.87	0.33	0.08	0.01	0.005		0.001	-0.002	0	1.78	2.45	3.74	3.67	3.62	3.59	0.99
1.75	0.88	0.33	0.08	0.01	0.006		0.001	-0.001	0	1.59	2.37	3.74	3.68	3.62	3.56	0.99
1.74	0.87	0.32	0.08	0.01	0.007		0	-0.001	0	1.59	2.44	3.74	3.7	3.61	3.59	0.98
1.69	0.84	0.31	0.07	0.01	0.007		0	-0.001	0	1.97	2.45	3.74	3.69	3.61	3.6	0.98
1.6	0.79	0.29	0.06	0.009	0.007	-0.01	0	0	0	2.09	2.32	3.75	3.68	3.61	3.58	0.97
1.49	0.72	0.26	0.06	0.006	0.005	-0.01	0	0	0	1.58	2.38	3.75	3.66	3.6	3.58	0.97
1.36	0.65	0.23	0.05	0.004	0.004	-0.01	0.001	0	0	2.25	2.12	3.73	3.66	3.58	3.57	0.97
1.21	0.57	0.2	0.04	0.001	0.002	-0.01	0.001	0	0	2.43	2.19	3.72	3.67	3.6	3.53	0.96
1.06	0.49	0.16		0.001	0.001	-0.01	0.001	0	0	1.68	2.22	3.74	3.67	3.59	3.58	0.96
0.91	0.41	0.14		0.001	0	-0.009	0.002	0	0	2.21	2.34	3.75	3.67	3.61	3.58	0.96
0.77	0.34	0.11	0.02	0	0	-0.009	0.002	0	0	1.79	2.14	3.75	3.68	3.59	3.6	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.64	0.28	0.1	0.02	0.003	0.001	-0.008	0.003	0	0	1.88	2.1	3.74	3.68	3.6	3.61	0.96
0.52	0.23	0.08	0.02	0.005	0.001	-0.007	0.003	0	0	1.94	2.27	3.74	3.67	3.63	3.6	0.96
0.42	0.19	0.07	0.02	0.007	0.002	-0.006	0.003	-0.001	0	1.8	2.32	3.74	3.68	3.6	3.61	0.96
0.35	0.15	0.06	0.02	0.01	0.004	-0.005	0.004	-0.001	0	2.51	1.99	3.73	3.68	3.61	3.59	0.96
0.29	0.13	0.05	0.02	0.01	0.006	-0.003	0.004	-0.001	0	1.75	1.82	3.73	3.67	3.6	3.57	0.95
0.24	0.11	0.05	0.02	0.01	0.007	-0.002	0.004	-0.002	0	2.21	2.3	3.7	3.66	3.57	3.57	0.95
0.2	0.09	0.04	0.02	0.01	0.007	-0.002	0.005	-0.002	0	2.57	2.52	3.72	3.65	3.58	3.57	0.95
0.18	0.08	0.04	0.02	0.01	0.006	-0.001	0.004	-0.001	0	2.24	2.5	3.71	3.64	3.59	3.55	0.95
0.16	0.08	0.04	0.02	0.01	0.006	-0.001	0.005	-0.001	0	1.89	2.39	3.72	3.65	3.59	3.59	0.96
0.15	0.07	0.03	0.02	0.01	0.005	-0.001	0.004	-0.001	0	2.6	2.18	3.73	3.67	3.61	3.61	0.96
0.14	0.07	0.03	0.01	0.01	0.004	-0.001	0.004	0	0	2.72	1.88	3.74	3.68	3.61	3.62	0.96
0.13	0.06	0.03	0.01	0.01	0.003	-0.002	0.003	0	0	2.49	2.15	3.73	3.69	3.62	3.64	0.97
0.13	0.06	0.03	0.01	0.008	0.002	-0.002	0.003	0.001	0	2.22	1.96	3.74	3.66	3.62	3.64	0.97
0.12	0.06	0.03	0.01	0.006	0.002	-0.002	0.002	0.001	0	2.79	2.35	3.74	3.66	3.61	3.62	0.98
0.12	0.06	0.03	0.01	0.005	0.002	-0.002	0.002	0.001	0	2.78	2.54	3.74	3.64	3.6	3.65	0.99
0.11	0.06	0.03	0.01	0.004	0.002	-0.002	0.002	0.001	0	2.34	2.51	3.73	3.66	3.59	3.65	0.99
0.11	0.06	0.03	0.01	0.003	0.002	-0.002	0.002	0	0	2.09	2.37	3.74	3.65	3.61	3.64	1
0.11	0.06	0.03	0.01	0.003	0.003	-0.002	0.002	0	0	2.42	2.29	3.74	3.66	3.64	3.65	1.01
0.1	0.06	0.03	0.01	0.003	0.004	-0.002	0.002	0	0	2.42	2.42	3.74	3.66	3.63	3.65	1.01
0.1	0.05	0.03	0.02	0.004	0.005	-0.002	0.002	-0.001	0	2.45	2.23	3.72	3.67	3.61	3.65	1.02
0.1	0.05	0.03	0.02	0.005	0.005	-0.002	0.002	-0.001	0	2.26	2.09	3.73	3.67	3.61	3.64	1.02
0.1	0.05	0.03	0.02	0.006	0.006	-0.002	0.002	-0.001	0	2.21	2.35	3.73	3.66	3.6	3.65	1.03
0.1	0.05	0.03	0.02	0.008	0.006	-0.001	0.002	-0.001	0	2.61	2.5	3.71	3.66	3.59	3.63	1.03
0.1	0.05	0.03	0.02	0.009	0.007	-0.001	0.003	-0.001	0	2.36	2.49	3.71	3.69	3.61	3.64	1.03
0.1	0.05	0.03	0.02	0.01	0.006	0	0.003	-0.001	0	1.87	2.16	3.72	3.67	3.63	3.61	1.03
0.1	0.05	0.03	0.02	0.01	0.006	0	0.003	-0.001	0	2.45	1.81	3.73	3.68	3.63	3.63	1.03
0.1	0.05	0.03	0.02	0.01	0.006	0	0.003	-0.001	0	2.47	1.86	3.74	3.65	3.64	3.6	1.03
0.1	0.05	0.03	0.02	0.01	0.006	-0.001	0.003	-0.001	0	1.77	2.15	3.73	3.66	3.62	3.59	1.03
0.1	0.05	0.03	0.02	0.01	0.007	-0.001	0.003	-0.001	0	2.4	2.21	3.72	3.65	3.61	3.56	1.03
0.1	0.05	0.03	0.02	0.01	0.007	-0.001	0.003	-0.001	0	2.64	2.32	3.72	3.64	3.6	3.56	1.03
0.1	0.06	0.03	0.02	0.01	0.008	-0.001	0.003	-0.001	0	2.29	2.44	3.72	3.63	3.63	3.57	1.02
0.1	0.06	0.03	0.02	0.01	0.009	-0.001	0.003	0	0	2.01	2.15	3.74	3.65	3.65	3.59	1.01
0.1	0.06	0.03	0.02	0.01	0.009	-0.001	0.003	0	0	2.49	1.31	3.77	3.65	3.64	3.58	1.01
0.1	0.06	0.03	0.02	0.01	0.009	-0.001	0.003	0	0	2.59	2.02	3.78	3.64	3.66	3.57	1
0.1	0.06	0.03	0.02	0.01	0.008	-0.001	0.002	0	0	2.52	2	3.77	3.64	3.64	3.57	1
0.1	0.06	0.03	0.02	0.01	0.007	-0.002	0.002	0	0	1.96	1.66	3.74	3.64	3.63	3.56	0.99
0.1	0.06	0.03	0.02	0.01	0.006	-0.002	0.002	0	0	2.34	1.71	3.7	3.64	3.58	3.57	0.99
0.1	0.06	0.03	0.02	0.01	0.005	-0.003	0.002	0	0	2.6	2.44	3.71	3.63	3.56	3.57	0.98
0.1	0.06	0.03	0.02	0.009	0.004	-0.003	0.002	0	0	2.48	2.35	3.72	3.63	3.56	3.57	0.98
0.1	0.06	0.03	0.02	0.009	0.003	-0.003	0.002	0	0	1.27	2.13	3.74	3.64	3.6	3.57	0.97
0.09	0.05	0.03	0.02	0.009	0.003	-0.004	0.002	0	0	2.22	2.17	3.75	3.64	3.61	3.59	0.97
0.09	0.05	0.03	0.02	0.01	0.003	-0.004	0.003	0	0	2.2	2.35	3.75	3.65	3.6	3.58	0.96
0.09	0.05	0.03	0.02	0.01	0.002	-0.004	0.003	0.001	0	2.14	2.29	3.75	3.67	3.61	3.6	0.96
0.08	0.05	0.03	0.02	0.01	0.002	-0.004	0.003	0.001	0	1.98	2.42	3.74	3.64	3.58	3.63	0.96
0.08	0.05	0.03	0.02	0.01	0.003	-0.004	0.003	0	0	1.09	2.35	3.73	3.65	3.57	3.64	0.96
0.08	0.05	0.03	0.02	0.01	0.003	-0.003	0.004	0	0	1.84	2.25	3.74	3.65	3.57	3.62	0.95
0.08	0.05	0.03	0.02	0.01	0.004	-0.003	0.004	-0.001	0	2	2.5	3.72	3.65	3.59	3.64	0.95
0.08	0.05	0.03	0.02	0.01	0.005	-0.001	0.004	-0.001	0	1.79	2.42	3.74	3.66	3.59	3.58	0.96
0.08	0.05	0.03	0.02	0.01	0.006	-0.001	0.004	-0.002	0	1.25	2.34	3.75	3.66	3.59	3.63	0.96
0.09	0.05	0.03	0.02	0.01	0.007	0	0.004	-0.003	0	1.73	2.2	3.75	3.66	3.6	3.64	0.96
0.1	0.05	0.03	0.02	0.01	0.007	0	0.004	-0.003	0	2.19	2.29	3.75	3.66	3.6	3.65	0.96
0.12	0.05	0.03	0.02	0.01	0.007	0	0.003	-0.004	0	2.1	2.3	3.74	3.68	3.62	3.65	0.96
0.14	0.06	0.03	0.02	0.01	0.006	-0.001	0.002	-0.005	0	1.58	2.43	3.75	3.67	3.6	3.65	0.97
0.17	0.07	0.03	0.02	0.01	0.006	0	0.001	-0.005	0	2.05	2.43	3.75	3.68	3.63	3.65	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.2	0.07	0.03	0.02	0.01	0.006	0	0	-0.005	0	2.3	2.36	3.74	3.69	3.64	3.62	0.97
0.23	0.08	0.03	0.01	0.01	0.006		0	-0.005	0	2.12	2.43	3.76	3.68	3.61	3.61	0.98
0.27	0.1	0.03	0.01	0.01	0.005		0.001	-0.005	0	1.01	2.37	3.74	3.66	3.59	3.6	0.98
0.31	0.11	0.04	0.02	0.01	0.006		0.001	-0.005	0	2.08	2.16	3.73	3.65	3.59	3.56	0.98
0.35	0.12	0.04	0.02	0.01	0.006		0.001	-0.004	0	1.86	2.17	3.73	3.67	3.59	3.57	0.98
0.39	0.14	0.05	0.02	0.01	0.006		0.001	-0.003	0	2.12	2.05	3.74	3.68	3.61	3.61	0.98
0.43	0.15	0.05	0.02	0.01	0.005		0	-0.001	0	1.93	2.12	3.74	3.69	3.64	3.61	0.98
0.47	0.17	0.05	0.01	0.01	0.005	0.001	0	0	0	2.28	2.13	3.75	3.69	3.63	3.62	0.98
0.51	0.18	0.05	0.01	0.01	0.004	0	0	0.001	0	2.7	2.47	3.76	3.7	3.63	3.64	0.98
0.54	0.19	0.06	0.01	0.01	0.004		0	0.001	0	2.85	2.38	3.77	3.71	3.64	3.63	0.98
0.57	0.2	0.06	0.01	0.008	0.003		0	0.001	0	2.71	1.87	3.76	3.69	3.65	3.59	0.98
0.6	0.22	0.06	0.01	0.006	0.002		0	0.001	0	2.28	2.5	3.76	3.67	3.62	3.58	0.98
0.63	0.23	0.07	0.01	0.004	0.001		0.001	0.001	0	3	2.37	3.76	3.65	3.65	3.56	0.99
0.66	0.25	0.08	0.01	0.003	0.001		0	0.001	0	3.04	2.2	3.77	3.65	3.66	3.55	0.99
0.69	0.26	0.08	0.01	0.001	0	-0.002	0	0.002	0	2.71	2.43	3.78	3.64	3.67	3.58	0.99
0.72	0.28	0.09		0	0	-0.002	0.001	0.002	0	2.39	2.16	3.79	3.68	3.63	3.59	0.98
0.74	0.29	0.09		0.001	-0.001	-0.002	0.001	0.002	0	2.79	1.98	3.79	3.69	3.61	3.64	0.98
0.77	0.3	0.1		0	-0.001	-0.002	0.001	0.002	0	2.65	1.78	3.79	3.7	3.62	3.63	0.98
0.79	0.31	0.1	0.02	0	-0.001	-0.002	0.002	0.002	0	1.71	2.21	3.78	3.69	3.62	3.62	0.98
0.8	0.32	0.11	0.02	0.001	-0.001	-0.002	0.002	0.002	0	2.42	2.28	3.77	3.68	3.64	3.58	0.98
0.82	0.33	0.11	0.02	0.002	-0.001	-0.002	0.002	0.002	0	2.46	2.34	3.76	3.67	3.64	3.57	0.98
0.83	0.34	0.11	0.02	0.003	0	-0.002	0.001	0.002	0	2.24	2.43	3.75	3.67	3.61	3.56	0.98
0.85	0.35	0.11	0.02	0.004	0	-0.002	0.001	0.002	0	1.63	2.27	3.74	3.66	3.61	3.56	0.98
0.86	0.35	0.12	0.02	0.004	0	-0.002	0.001	0.002	0	1.91	2.1	3.74	3.66	3.6	3.62	0.98
0.87	0.36	0.12	0.02	0.005	0.001	-0.002	0.001	0.002	0	1.79	2.2	3.74	3.66	3.6	3.62	0.98
0.88	0.37	0.12	0.02	0.005	0.001	-0.002	0.001	0.002	0	2.29	2.33	3.74	3.68	3.61	3.58	0.98
0.89	0.37	0.12	0.02	0.005	0.002	-0.002	0.001	0.002	0	2.07	2.4	3.74	3.67	3.61	3.59	0.97
0.89	0.38	0.12	0.02	0.006	0.002	-0.003	0.001	0.002	0	2.19	2.33	3.74	3.68	3.61	3.58	0.97
0.9	0.38	0.13	0.03	0.006	0.003	-0.003	0	0.001	0	2.52	2.08	3.77	3.68	3.65	3.58	0.97
0.91	0.39	0.13	0.03	0.007	0.003	-0.003	0	0.001	0	2.48	2.27	3.77	3.68	3.65	3.58	0.96
0.92	0.39	0.13	0.03	0.007	0.002	-0.003	0	0.001	0	2.03	2.36	3.74	3.67	3.64	3.55	0.96
0.92	0.4	0.13	0.03	0.007	0.002	-0.003	0	0.001	0	1.74	2.13	3.75	3.65	3.63	3.55	0.96
0.93	0.4	0.14	0.03	0.007	0.001	-0.003	0	0.001	0	2.14	2.38	3.74	3.65	3.63	3.57	0.96
0.94	0.41	0.14	0.03	0.007	0.001	-0.002	0.001	0.001	0	2.32	2.39	3.73	3.67	3.61	3.55	0.96
0.95	0.41	0.14	0.03	0.007	0.001	-0.002	0.001	0.001	0	1.69	2.12	3.74	3.67	3.58	3.56	0.96
0.95	0.42	0.14	0.03	0.007	0.001	-0.002	0.001	0	0	2.36	2.43	3.72	3.66	3.59	3.56	0.96
0.96	0.42	0.14	0.03	0.008	0.001	-0.001	0.001	0	0	2.61	2.49	3.73	3.66	3.6	3.57	0.96
0.96	0.42	0.14	0.03	0.009	0.001	0	0.001	-0.001	0	2.54	2.34	3.73	3.66	3.59	3.58	0.97
0.97	0.43	0.14	0.03	0.01	0.002	0.001	0.001	-0.002	0	1.7	2.18	3.73	3.68	3.62	3.57	0.98
0.97	0.43	0.14	0.03	0.01	0.002	0.001	0.001	-0.003	0	2.52	2.37	3.73	3.68	3.62	3.59	0.98
0.98	0.44	0.15	0.03	0.01	0.002	0.002	0.001	-0.004	0	2.38	2.33	3.74	3.68	3.62	3.6	0.99
0.98	0.44	0.15	0.04	0.01	0.004	0.004	0.001	-0.004	0	1.57	2.26	3.73	3.68	3.6	3.59	1
0.99	0.45	0.15	0.04	0.01	0.005	0.005	0.002	-0.005	0	2.35	2.19	3.73	3.67	3.58	3.58	1
0.99	0.45	0.15	0.04	0.01	0.005	0.005	0.002	-0.005	0	2.6	2.37	3.74	3.67	3.59	3.6	1.01
0.99	0.45	0.15	0.04	0.01	0.005	0.006	0.003	-0.005	0	2.03	2.44	3.75	3.68	3.62	3.6	1.01
1	0.45	0.15	0.03	0.01	0.004	0.006	0.003	-0.006	0	2.12	2.09	3.77	3.68	3.65	3.58	1.02
1	0.45	0.15	0.03	0.01	0.004	0.006	0.003	-0.006	0	2.44	1.75	3.77	3.69	3.66	3.6	1.02
1	0.45	0.15	0.03	0.01	0.004	0.006	0.004	-0.007	0	2.24	2.34	3.76	3.69	3.66	3.6	1.02
1.01	0.45	0.15	0.03	0.01	0.003	0.005	0.004	-0.007	0	1.74	2.44	3.76	3.69	3.67	3.59	1.02
1.01	0.45	0.15	0.03	0.01	0.003	0.004	0.004	-0.007	0	1.44	2.39	3.76	3.68	3.65	3.58	1.02
1.02	0.45	0.15	0.03	0.01	0.003	0.004	0.004	-0.007	0	1.68	2.23	3.75	3.68	3.65	3.58	1.02
1.03	0.46	0.15	0.04	0.01	0.003	0.003	0.004	-0.008	0	1.94	2.04	3.75	3.67	3.64	3.56	1.02
1.03	0.46	0.15	0.04	0.01	0.003	0.002	0.004	-0.008	0	1.98	2.39	3.75	3.68	3.61	3.57	1.02
1.05	0.46	0.15	0.04	0.01	0.004	0.001	0.004	-0.008	0	1.85	2.14	3.74	3.68	3.63	3.55	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.06	0.46	0.15	0.04	0.01	0.005	0	0.004	-0.008	0	1.71	2.41	3.75	3.71	3.61	3.57	1.02
1.06	0.47	0.16	0.04	0.01	0.006	-0.001	0.003	-0.008	0	1.87	2.45	3.76	3.69	3.61	3.57	1.01
1.07	0.47	0.16	0.04	0.01	0.007	-0.002	0.003	-0.007	0	1.77	2.28	3.74	3.69	3.62	3.59	1.01
1.08	0.47	0.16	0.04	0.01	0.007	-0.002	0.003	-0.007	0	1.63	2.26	3.75	3.68	3.63	3.57	1
1.09	0.48	0.16	0.04	0.01	0.008	-0.003	0.004	-0.007	0	1.93	2.22	3.75	3.68	3.62	3.59	1
1.09	0.48	0.16	0.04	0.01	0.008	-0.003	0.004	-0.006	0	2.03	2.39	3.74	3.67	3.62	3.58	0.99
1.1	0.48	0.16	0.04	0.01	0.007	-0.003	0.004	-0.006	0	1.41	2.42	3.73	3.66	3.59	3.55	0.98
1.11	0.48	0.16	0.04	0.01	0.006	-0.003	0.004	-0.005	0	2.11	2.37	3.72	3.66	3.58	3.53	0.97
1.12	0.48	0.16	0.04	0.01	0.005	-0.002	0.004	-0.004	0	1.98	2.33	3.7	3.67	3.59	3.54	0.96
1.13	0.49	0.16	0.04	0.01	0.004	-0.002	0.005	-0.003	0	1.75	2.3	3.72	3.63	3.59	3.55	0.95
1.14	0.49	0.16	0.03	0.009	0.003	-0.001	0.005	-0.002	0	2	2.31	3.72	3.64	3.61	3.52	0.94
1.15	0.49	0.15	0.03	0.006	0.002	-0.001	0.005	-0.001	0	1.58	2.45	3.72	3.63	3.59	3.54	0.94
1.17	0.49	0.15	0.03	0.003	0.001	-0.001	0.006	0	0	2.12	2.26	3.7	3.64	3.61	3.54	0.94
1.18	0.49	0.15	0.02	0	0	0	0.006	0.001	0	2.29	2.07	3.71	3.67	3.58	3.56	0.94
1.19	0.49	0.14		0.001	0	0	0.006	0.002	0	1.63	2.42	3.7	3.65	3.56	3.57	0.94
1.2	0.49	0.14		0.002	0	0	0.006	0.003	0	2.22	2.24	3.71	3.67	3.55	3.54	0.94
1.2	0.49	0.14		0.002	0.001	0	0.006	0.004	0	2.21	2.35	3.71	3.64	3.57	3.54	0.94
1.2	0.48	0.13		0.001	0.002	0	0.006	0.005	0	1.27	2.33	3.71	3.65	3.62	3.55	0.94
1.19	0.48	0.13		0	0.003	0	0.006	0.005	0	2.15	2.36	3.73	3.66	3.61	3.59	0.95
1.17	0.47	0.13	0.02	0.001	0.003	0	0.006	0.006	0	2.29	2.45	3.74	3.67	3.61	3.61	0.95
1.14	0.45	0.12	0.02	0.001	0.002	0	0.006	0.006	0	2.01	2.23	3.75	3.67	3.63	3.59	0.95
1.1	0.44	0.12	0.02	0.002	0.002	0	0.005	0.007	0	2.03	2.46	3.74	3.67	3.62	3.59	0.95
1.06	0.41	0.11	0.02	0.002	0.001	0	0.005	0.007	0	2.45	2.42	3.73	3.69	3.61	3.61	0.95
1	0.39	0.1	0.02	0.002	0	-0.001	0.005	0.007	0	2.52	2.44	3.72	3.68	3.61	3.58	0.96
0.94	0.36	0.09	0.02	0.002	0	-0.001	0.004	0.007	0	1.9	2.32	3.72	3.66	3.61	3.57	0.96
0.88	0.33	0.09	0.01	0.002	0	-0.001	0.004	0.006	0	2.43	2.05	3.72	3.65	3.61	3.57	0.96
0.81	0.3	0.08	0.01	0.002	-0.001	-0.001	0.003	0.006	0	2.76	2.16	3.73	3.66	3.61	3.56	0.96
0.74	0.27	0.07	0.01	0.003	0	-0.002	0.002	0.005	0	2.76	2.3	3.71	3.65	3.6	3.58	0.96
0.68	0.25	0.06	0.01	0.004	0	-0.002	0.002	0.004	0	2.32	2.33	3.71	3.64	3.59	3.55	0.97
0.62	0.22	0.05	0.01	0.005	0	-0.002	0.001	0.002	0	2.64	2.55	3.73	3.65	3.58	3.55	0.97
0.56	0.2	0.05	0.01	0.006	0.001	-0.002	0	0.001	0	2.96	2.65	3.73	3.65	3.59	3.55	0.98
0.5	0.18	0.05	0.01	0.007	0.002	-0.003	0	0	0	2.88	2.63	3.77	3.66	3.62	3.61	0.98
0.46	0.16	0.04	0.01	0.008	0.003	-0.003	0.001	0	0	2.22	2.08	3.76	3.68	3.63	3.65	0.99
0.42	0.14	0.04	0.01	0.01	0.005	-0.003	0.002	-0.001	0	2.53	1.61	3.77	3.7	3.66	3.68	0.99
0.38	0.13	0.04	0.01	0.01	0.005	-0.003	0.003	-0.001	0	2.79	2.24	3.77	3.7	3.67	3.66	1
0.35	0.12	0.04	0.01	0.01	0.006	-0.002	0.004	-0.001	0	2.8	2.42	3.77	3.71	3.71	3.62	1
0.32	0.11	0.04	0.01	0.01	0.006	-0.002	0.004	-0.001	0	2.65	2.4	3.75	3.7	3.67	3.62	1
0.3	0.11	0.04	0.01	0.01	0.005	-0.002	0.005	-0.001	0	1.74	2.09	3.73	3.67	3.62	3.58	1
0.28	0.1	0.03	0.01	0.008	0.004	-0.002	0.005	-0.001	0	2.77	2.21	3.73	3.66	3.56	3.55	1
0.26	0.09	0.03	0.01	0.007	0.003	-0.002	0.004	-0.002	0	2.87	2.58	3.71	3.65	3.56	3.53	1
0.25	0.09	0.03	0.01	0.006	0.002	-0.001	0.004	-0.002	0	2.61	2.43	3.72	3.65	3.59	3.57	1
0.23	0.08	0.03	0.01	0.005	0.002	-0.001	0.003	-0.002	0	2.21	1.84	3.72	3.66	3.62	3.57	1
0.22	0.08	0.02	0.009	0.004	0.001	-0.001	0.003	-0.002	0	2.61	2.09	3.75	3.68	3.63	3.57	1
0.21	0.07	0.02	0.008	0.003	0.001	-0.001	0.003	-0.001	0	2.58	2.48	3.75	3.68	3.64	3.57	1
0.2	0.07	0.02	0.008	0.004	0	-0.001	0.003	-0.001	0	2.55	2.51	3.75	3.66	3.66	3.56	1
0.19	0.07	0.02	0.009	0.004	0	-0.001	0.003	0	0	2.5	2.07	3.75	3.67	3.63	3.58	1
1.55	0.91	0.46	0.2	0.07	0.03	0.01	0.008	0	0	2.49	2.33	3.75	3.69	3.66	3.58	1.03
1.49	0.86	0.43	0.19	0.07	0.03	0.01	0.009	0.001	0	2.54	2.54	3.75	3.69	3.64	3.59	1.03
1.42	0.82	0.41	0.18	0.07	0.03	0.01	0.01	0.001	0	2.3	2.53	3.74	3.68	3.63	3.58	1.03
1.36	0.78	0.39	0.17	0.07	0.03	0.01	0.01	0.001	0	1.96	1.99	3.73	3.67	3.6	3.57	1.03
1.3	0.73	0.36	0.16	0.07	0.03	0.01	0.01	0.001	0	2.62	2.08	3.72	3.67	3.62	3.56	1.03
1.24	0.7	0.34	0.15	0.06	0.02	0.008	0.01	0.001	0	2.73	2.02	3.74	3.66	3.59	3.54	1.02
1.18	0.66	0.32	0.14	0.05	0.02	0.005	0.009	0	0	2.6	2.03	3.75	3.68	3.62	3.57	1.02
1.13	0.63	0.3	0.13	0.05	0.02	0.002	0.008	0	0	1.77	1.66	3.75	3.68	3.65	3.59	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.09	0.6	0.29	0.11	0.04	0.01	0	0.006	-0.001	0	2.77	2.25	3.76	3.69	3.63	3.58	1.02
1.05	0.57	0.27	0.11	0.04	0.01	-0.001	0.006	-0.001	0	2.92	2.67	3.76	3.71	3.67	3.58	1.02
1.02	0.55	0.26	0.1	0.03	0.01	-0.001	0.005	-0.002	0	2.76	2.57	3.76	3.69	3.66	3.58	1.02
0.99	0.54	0.25	0.09	0.03	0.01	-0.001	0.005	-0.002	0	1.81	2.29	3.74	3.69	3.61	3.59	1.02
0.97	0.52	0.24	0.09	0.03	0.01	-0.002	0.005	-0.002	0	2.55	2.15	3.74	3.68	3.6	3.57	1.01
0.95	0.51	0.23	0.08	0.02	0.009	-0.003	0.005	-0.003	0	2.66	2.08	3.72	3.67	3.62	3.57	1.01
0.94	0.5	0.23	0.08	0.02	0.007	-0.004	0.004	-0.002	0	2.59	1.2	3.73	3.66	3.61	3.58	1.01
0.93	0.49	0.22	0.08	0.02	0.006	-0.004	0.004	-0.001	0	2.45	0.75	3.75	3.67	3.6	3.58	1
0.92	0.48	0.21	0.07	0.02	0.005	-0.004	0.004	0	0	1.9	1.86	3.73	3.67	3.61	3.59	1
0.9	0.47	0.21	0.07	0.02	0.003	-0.004	0.004	0.001	0	2.24	1.91	3.75	3.68	3.62	3.58	0.99
0.89	0.46	0.2	0.07	0.02	0.002	-0.004	0.004	0.002	0	2.5	2.26	3.74	3.68	3.63	3.58	0.99
0.88	0.45	0.2	0.07	0.01	0.002	-0.004	0.004	0.003	0	2.32	2.26	3.74	3.67	3.6	3.58	0.98
0.86	0.44	0.19	0.06	0.01	0.002	-0.004	0.004	0.004	0	1.73	2.28	3.72	3.67	3.61	3.55	0.97
0.85	0.43	0.18	0.06	0.01	0.003	-0.004	0.004	0.004	0	2.42	1.84	3.73	3.66	3.62	3.54	0.97
0.83	0.42	0.18	0.06	0.01	0.004	-0.004	0.003	0.003	0	2.58	1.33	3.72	3.67	3.6	3.52	0.96
0.82	0.42	0.18	0.06	0.01	0.006	-0.003	0.002	0.003	0	2.21	1.63	3.72	3.67	3.6	3.54	0.96
0.81	0.41	0.17	0.06	0.01	0.007	-0.003	0.002	0.003	0	2.29	2.48	3.74	3.67	3.63	3.58	0.95
0.8	0.4	0.17	0.06	0.02	0.007	-0.003	0.002	0.003	0	2.7	2.67	3.75	3.66	3.65	3.57	0.95
0.79	0.4	0.17	0.06	0.02	0.008	-0.003	0.001	0.003	0	2.58	2.45	3.74	3.67	3.65	3.56	0.95
0.79	0.4	0.17	0.06	0.02	0.008	-0.003	0.001	0.003	0	1.87	2.36	3.75	3.68	3.64	3.55	0.95
0.78	0.39	0.16	0.06	0.01	0.008	-0.004	0	0.004	0	2.3	2.02	3.73	3.68	3.63	3.55	0.95
0.78	0.39	0.16	0.05	0.01	0.008	-0.004	0	0.004	0	2.5	1.87	3.72	3.68	3.6	3.56	0.95
0.79	0.39	0.16	0.05	0.01	0.008		0	0.004	0	2.46	1.87	3.72	3.67	3.61	3.56	0.95
0.79	0.38	0.15	0.05	0.01	0.007		0.001	0.003	0	1.73	2.27	3.72	3.65	3.64	3.58	0.95
0.8	0.38	0.15	0.05	0.01	0.007		0.001	0.003	0	2.28	2.39	3.74	3.67	3.67	3.59	0.95
0.82	0.38	0.15	0.04	0.01	0.006		0.001	0.003	0	2.55	2.61	3.73	3.66	3.66	3.58	0.95
0.84	0.38	0.14	0.04	0.01	0.005		0.001	0.002	0	2.26	2.55	3.74	3.66	3.62	3.56	0.95
0.86	0.39	0.14	0.04	0.01	0.005		0	0.002	0	2.03	2.49	3.73	3.66	3.62	3.55	0.96
0.88	0.39	0.13	0.04	0.01	0.005		0	0.002	0	2.43	2.57	3.73	3.67	3.62	3.57	0.96
0.91	0.39	0.13	0.03	0.01	0.005	-0.001	0	0.001	0	2.41	2.43	3.73	3.66	3.62	3.56	0.97
0.93	0.39	0.13	0.03	0.01	0.005	0	0	0.001	0	1.68	2.45	3.74	3.68	3.62	3.59	0.97
0.95	0.39	0.12	0.03	0.009	0.005		0	-0.001	0	2.41	2.58	3.74	3.68	3.66	3.58	0.98
0.97	0.38	0.11	0.02	0.006	0.004		0.001	-0.002	0	2.57	2.54	3.74	3.68	3.65	3.59	0.98
0.99	0.38	0.11	0.02	0.004	0.004		0	-0.002	0	2.16	2.51	3.73	3.69	3.65	3.6	0.99
1	0.38	0.1	0.02	0.002	0.004	0.001	0.001	-0.002	0	2.2	2.37	3.74	3.69	3.64	3.6	0.99
1	0.37	0.1	0.02	0.001	0.004	0.002	0.001	-0.002	0	2.35	2.3	3.76	3.68	3.63	3.57	0.99
1	0.36	0.09	0.01	0.001	0.004	0.002	0.001	-0.003	0	1.82	2.49	3.75	3.67	3.62	3.58	1
0.98	0.36	0.09	0.01	0.002	0.004	0.002	0.002	-0.003	0	2.04	2.37	3.74	3.67	3.63	3.59	1
0.96	0.34	0.09	0.01	0.003	0.004	0.001	0.002	-0.004	0	1.81	2.31	3.73	3.69	3.65	3.62	1
0.93	0.33	0.08	0.01	0.006	0.004	0.001	0.001	-0.006	0	2.24	2.43	3.73	3.69	3.63	3.61	1
0.89	0.31	0.08	0.02	0.008	0.004	0	0	-0.007	0	2.31	2.48	3.74	3.68	3.61	3.61	0.99
0.84	0.3	0.08	0.02	0.01	0.006	0	0.001	-0.006	0	1.7	2.46	3.75	3.68	3.62	3.58	0.99
0.79	0.28	0.08	0.02	0.01	0.008	0.001	0.003	-0.003	0	1.84	2.49	3.75	3.68	3.62	3.59	0.99
0.73	0.26	0.08	0.03	0.02	0.01	0.003	0.005	0	0	2.02	2.28	3.74	3.68	3.63	3.59	0.99
0.66	0.24	0.08	0.03	0.02	0.01	0.004	0.006	0.001	0	2.14	2.44	3.74	3.67	3.62	3.56	0.99
0.6	0.22	0.08	0.04	0.02	0.01	0.004	0.006	0.001	0	2.27	2.19	3.74	3.68	3.62	3.58	0.98
0.53	0.2	0.08	0.04	0.03	0.01	0.004	0.006	0.001	0	2.2	2.25	3.74	3.68	3.63	3.58	0.98
0.48	0.19	0.08	0.05	0.03	0.01	0.005	0.007	0	0	1.89	2.54	3.73	3.69	3.63	3.57	0.98
0.42	0.17	0.08	0.05	0.03	0.01	0.006	0.008	-0.001	0	2.44	2.48	3.73	3.68	3.62	3.57	0.98
0.38	0.16	0.08	0.05	0.04	0.02	0.008	0.009	-0.001	0	2.59	2.21	3.73	3.69	3.62	3.59	0.98
0.34	0.15	0.08	0.06	0.04	0.02	0.01	0.01	-0.001	0	2.12	2.06	3.75	3.69	3.63	3.59	0.98
0.3	0.14	0.08	0.06	0.04	0.02	0.01	0.01	-0.002	0	2.4	2.32	3.75	3.68	3.62	3.59	0.98
0.27	0.14	0.08	0.06	0.04	0.02	0.01	0.01	-0.002	0	2.66	2.59	3.74	3.67	3.65	3.6	0.98
0.25	0.13	0.08	0.06	0.04	0.02	0.01	0.01	-0.002	0	2.49	2.58	3.74	3.67	3.6	3.58	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.23	0.12	0.08	0.05	0.04	0.02	0.01	0.01	-0.004	0	1.68	2.35	3.73	3.66	3.59	3.56	0.98
0.21	0.12	0.07	0.05	0.04	0.02	0.01	0.01	-0.004	0	2.51	2.1	3.69	3.67	3.59	3.55	0.98
0.2	0.11	0.07	0.04	0.03	0.02	0.01	0.01	-0.005	0	2.57	2.22	3.71	3.67	3.6	3.57	0.98
0.19	0.1	0.06	0.04	0.03	0.01	0.01	0.008	-0.006	0	2.04	2.25	3.72	3.67	3.61	3.61	0.98
0.18	0.1	0.06	0.04	0.02	0.01	0.008	0.007	-0.005	0	2.15	2.35	3.72	3.67	3.6	3.62	0.99
0.17	0.09	0.05	0.04	0.02	0.01	0.007	0.007	-0.005	0	2.35	2.42	3.73	3.68	3.59	3.61	0.99
0.17	0.09	0.05	0.03	0.02	0.01	0.006	0.006	-0.004	0	2.03	2.04	3.73	3.66	3.64	3.66	0.99
0.16	0.09	0.05	0.03	0.02	0.01	0.006	0.006	-0.004	0	1.93	2.31	3.76	3.67	3.62	3.66	1
0.16	0.09	0.05	0.03	0.02	0.01	0.005	0.005	-0.003	0	2.03	2.37	3.76	3.69	3.63	3.65	1
0.15	0.09	0.05	0.03	0.02	0.01	0.005	0.005	-0.003	0	1.77	2.45	3.76	3.69	3.64	3.69	1
0.15	0.08	0.05	0.03	0.02	0.01	0.004	0.004	-0.003	0	2.13	2.41	3.76	3.68	3.65	3.71	1
0.15	0.08	0.05	0.03	0.01	0.01	0.004	0.004	-0.003	0	2.13	2.27	3.76	3.68	3.62	3.7	1
0.14	0.08	0.05	0.03	0.01	0.01	0.003	0.004	-0.002	0	1.92	2.11	3.74	3.68	3.6	3.65	0.99
0.14	0.08	0.05	0.03	0.01	0.009	0.002	0.004	-0.002	0	2.09	2.32	3.73	3.66	3.6	3.63	0.99
0.13	0.08	0.04	0.03	0.01	0.007	0.001	0.004	-0.001	0	1.88	2.25	3.72	3.66	3.59	3.59	0.98
0.13	0.07	0.04	0.03	0.01	0.006	0	0.003	-0.001	0	1.61	2.26	3.71	3.65	3.62	3.58	0.98
0.12	0.07	0.04	0.02	0.01	0.004	0	0.002	0	0	1.86	2.43	3.7	3.64	3.62	3.6	0.97
0.12	0.07	0.03	0.02	0.01	0.004	0	0.002	0	0	2.09	2.37	3.72	3.67	3.61	3.63	0.97
0.12	0.06	0.03	0.02	0.01	0.003	-0.001	0.001	0	0	1.93	2.23	3.75	3.68	3.62	3.63	0.97
0.11	0.06	0.03	0.02	0.01	0.003	-0.001	0.001	0.001	0	1.7	2.34	3.74	3.67	3.61	3.66	0.96
0.11	0.06	0.03	0.01	0.009	0.002	-0.001	0.001	0.001	0	1.81	2.25	3.75	3.68	3.63	3.65	0.96
0.11	0.06	0.03	0.01	0.007	0.002	-0.002	0.001	0.001	0	2.01	1.8	3.74	3.67	3.61	3.64	0.96
0.11	0.05	0.02	0.01	0.005	0.002	-0.002	0	0.002	0	1.86	2.48	3.72	3.67	3.61	3.58	0.96
0.1	0.05	0.02	0.01	0.004	0.001	-0.002	0	0.002	0	1.81	2.36	3.71	3.65	3.6	3.57	0.95
0.1	0.05	0.02	0.009	0.003	0.001	-0.003	0	0.002	0	2.15	2.29	3.7	3.62	3.58	3.54	0.95
0.09	0.05	0.02	0.008	0.002	0.001	-0.003	0.001	0.002	0	1.88	2.35	3.71	3.62	3.57	3.52	0.95
0.09	0.05	0.02	0.008	0.003	0.001	-0.003	0.001	0.002	0	1.74	2.31	3.72	3.62	3.59	3.56	0.95
0.09	0.04	0.02	0.009	0.003	0.001	-0.004	0.001	0.002	0	2.11	2.35	3.72	3.64	3.6	3.55	0.95
0.09	0.04	0.02	0.01	0.004	0.001	-0.004	0.002	0.002	0	2.22	2.2	3.71	3.62	3.6	3.57	0.95
0.09	0.04	0.02	0.01	0.005	0.001	-0.004	0.002	0.002	0	1.91	2.21	3.73	3.64	3.62	3.57	0.95
0.08	0.04	0.02	0.01	0.006	0.002	-0.004	0.002	0.002	0	2.25	2.24	3.75	3.69	3.63	3.59	0.96
0.08	0.04	0.02	0.01	0.006	0.002	-0.004	0.002	0.001	0	2.23	2.23	3.73	3.66	3.61	3.6	0.96
0.08	0.04	0.02	0.01	0.007	0.003	-0.003	0.002	0.001	0	1.54	2.04	3.73	3.65	3.6	3.59	0.96
0.08	0.04	0.02	0.01	0.008	0.003	-0.002	0.003	0	0	1.95	1.97	3.73	3.64	3.61	3.57	0.96
0.08	0.04	0.02	0.01	0.01	0.004	-0.002	0.003	0	0	2.12	1.94	3.73	3.65	3.62	3.55	0.97
0.08	0.04	0.02	0.01	0.01	0.004	-0.001	0.003	-0.001	0	2.14	2.1	3.72	3.65	3.61	3.54	0.97
0.08	0.04	0.02	0.01	0.01	0.004	0	0.003	-0.001	0	2.28	2.1	3.73	3.66	3.6	3.53	0.97
0.08	0.04	0.02	0.01	0.01	0.005	0.001	0.003	-0.001	0	2.13	2.27	3.71	3.65	3.61	3.54	0.98
0.09	0.04	0.02	0.01	0.01	0.005	0.002	0.004	-0.001	0	2.15	2.34	3.71	3.65	3.61	3.56	0.98
0.09	0.05	0.02	0.02	0.01	0.006	0.003	0.004	-0.001	0	2.02	2.06	3.72	3.68	3.62	3.59	0.99
0.09	0.05	0.03	0.02	0.01	0.007	0.004	0.004	-0.001	0	1.96	2.09	3.73	3.67	3.62	3.58	0.99
0.09	0.05	0.03	0.02	0.01	0.007	0.004	0.004	-0.002	0	2.01	2.23	3.73	3.66	3.62	3.58	1
0.09	0.05	0.03	0.02	0.01	0.008	0.004	0.003	-0.002	0	1.89	2.02	3.74	3.66	3.62	3.57	1
0.09	0.05	0.03	0.02	0.01	0.009	0.003	0.003	-0.003	0	1.95	2.08	3.73	3.67	3.61	3.58	1.01
0.09	0.05	0.03	0.02	0.01	0.01	0.003	0.003	-0.003	0	2.13	2.35	3.75	3.67	3.64	3.59	1.01
0.09	0.06	0.03	0.02	0.01	0.01	0.003	0.003	-0.002	0	2.3	2.33	3.77	3.66	3.62	3.55	1.01
0.09	0.06	0.04	0.02	0.01	0.01	0.003	0.003	-0.001	0	2.48	2.37	3.76	3.67	3.65	3.58	1.01
0.09	0.06	0.04	0.02	0.01	0.01	0.002	0.003	-0.001	0	2.45	2.51	3.78	3.69	3.64	3.58	1.01
0.09	0.06	0.04	0.02	0.01	0.01	0.001	0.002	0	0	2.25	2.48	3.79	3.67	3.67	3.58	1.01
0.09	0.06	0.04	0.02	0.01	0.01	0	0.002	0	0	1.85	2.16	3.78	3.68	3.69	3.58	1.01
0.09	0.06	0.04	0.02	0.01	0.009	0	0.002	0	0	2.28	2.27	3.76	3.68	3.68	3.58	1.01
0.09	0.06	0.04	0.02	0.01	0.008	-0.001	0.002	0	0	2.14	2.3	3.76	3.67	3.64	3.57	1.01
0.09	0.06	0.04	0.02	0.01	0.007	-0.001	0.002	0	0	2.18	2	3.76	3.66	3.64	3.6	1.01
0.09	0.05	0.03	0.02	0.01	0.006	0	0.002	0.001	0	2.3	2.32	3.75	3.65	3.63	3.55	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.09	0.05	0.03	0.02	0.01	0.006	0	0.002	0.001	0	2.31	2.53	3.75	3.66	3.63	3.58	1.01
0.09	0.05	0.03	0.02	0.01	0.005	0	0.002	0.001	0	1.94	2.34	3.75	3.67	3.63	3.57	1.01
0.09	0.05	0.03	0.02	0.01	0.005	0.001	0.003	0.002	0	1.92	2.02	3.74	3.66	3.61	3.56	1.01
0.09	0.05	0.03	0.02	0.01	0.006	0.002	0.005	0.003	0	1.98	2.15	3.76	3.68	3.63	3.61	1
0.1	0.05	0.03	0.02	0.01	0.007	0.003	0.006	0.005	0	2.48	2.35	3.76	3.69	3.64	3.6	1
0.1	0.06	0.03	0.02	0.02	0.008	0.004	0.008	0.006	0	2.46	2.46	3.76	3.69	3.64	3.64	1
0.1	0.05	0.03	0.02	0.02	0.008	0.003	0.008	0.005	0	1.94	2.33	3.76	3.68	3.65	3.63	0.99
0.1	0.05	0.03	0.02	0.02	0.008	0.001	0.007	0.004	0	2.61	2.15	3.75	3.68	3.62	3.62	0.98
0.09	0.05	0.03	0.02	0.01	0.007	0	0.006	0.002	0	2.71	2.01	3.72	3.66	3.61	3.58	0.97
0.09	0.05	0.03	0.02	0.01	0.007	-0.001	0.006	0.002	0	2.57	2.13	3.71	3.64	3.59	3.55	0.96
0.09	0.05	0.03	0.02	0.01	0.006	-0.002	0.005	0.001	0	1.84	2.25	3.71	3.65	3.58	3.57	0.95
0.09	0.05	0.03	0.02	0.01	0.005	-0.003	0.004	0	0	2.55	2.32	3.71	3.65	3.61	3.55	0.94
0.09	0.05	0.03	0.02	0.01	0.004	-0.003	0.003	0	0	2.67	2.45	3.71	3.65	3.61	3.58	0.94
0.09	0.05	0.03	0.02	0.01	0.004	-0.002	0.003	0	0	2.37	2.44	3.72	3.67	3.6	3.56	0.93
0.09	0.05	0.03	0.02	0.01	0.005	-0.002	0.003	-0.001	0	1.99	2.23	3.72	3.67	3.62	3.54	0.93
0.09	0.05	0.03	0.02	0.01	0.005	-0.002	0.003	-0.001	0	2.51	2.11	3.72	3.66	3.61	3.56	0.92
0.08	0.05	0.03	0.02	0.01	0.006	-0.001	0.003	-0.001	0	2.49	2.01	3.73	3.63	3.59	3.55	0.92
0.08	0.05	0.03	0.02	0.01	0.007	-0.001	0.003	-0.002	0	2.36	1.19	3.72	3.64	3.6	3.58	0.92
0.08	0.05	0.03	0.02	0.01	0.009	-0.001	0.004	-0.002	0	1.83	1.72	3.72	3.66	3.57	3.56	0.92
0.08	0.05	0.03	0.02	0.01	0.009	-0.001	0.004	-0.002	0	2.46	2.19	3.72	3.66	3.59	3.57	0.92
0.08	0.05	0.03	0.02	0.01	0.008	-0.001	0.003	-0.002	0	2.52	2.36	3.72	3.66	3.59	3.55	0.92
0.08	0.05	0.03	0.02	0.01	0.008	-0.001	0.002	-0.003	0	2.22	2.38	3.7	3.65	3.59	3.53	0.92
0.09	0.05	0.03	0.01	0.01	0.006	-0.001	0	-0.005	0	2.05	2.4	3.69	3.65	3.56	3.55	0.93
0.1	0.05	0.03	0.01	0.01	0.006		0	-0.006	0	2.34	2.22	3.7	3.65	3.56	3.54	0.93
0.13	0.06	0.03	0.02	0.01	0.008		0	-0.007	0	2.3	2.29	3.69	3.63	3.59	3.57	0.94
0.17	0.07	0.03	0.02	0.01	0.008	0.002	0.001	-0.006	0	1.87	2.34	3.72	3.64	3.57	3.58	0.94
0.22	0.08	0.03	0.02	0.01	0.007	0.002	0.001	-0.004	0	1.92	2.09	3.72	3.67	3.61	3.56	0.95
0.27	0.09	0.03	0.01	0.01	0.004	0.001	0.002	-0.003	0	2.21	1.44	3.75	3.69	3.62	3.6	0.95
0.32	0.1	0.02	0.01	0.004	0	0.001	0.002	-0.001	0	2.13	2.16	3.77	3.7	3.63	3.61	0.96
0.38	0.11	0.02	0.01	0.003	0	0.001	0.002	0	0	1.83	2.48	3.78	3.71	3.65	3.63	0.96
0.43	0.13	0.03	0.009	0.003	0.001	0	0.002	0.001	0	2.16	2.27	3.77	3.7	3.64	3.63	0.97
0.46	0.13	0.03	0.008	0.003	0.002	0	0.002	0.003	0	2.46	1.99	3.76	3.68	3.63	3.62	0.97
0.49	0.14	0.03	0.007	0.004	0.003	-0.001	0.002	0.004	0	2.54	1.94	3.76	3.68	3.61	3.59	0.97
0.49	0.14	0.02	0.007	0.004	0.004	-0.001	0.001	0.005	0	2.61	2.06	3.72	3.68	3.61	3.58	0.97
0.49	0.14	0.02	0.007	0.005	0.003	-0.001	0.001	0.005	0	2.46	2.33	3.72	3.65	3.6	3.58	0.97
0.47	0.13	0.02	0.007	0.005	0.002	-0.002	0.001	0.006	0	2.4	2.54	3.74	3.63	3.62	3.56	0.98
0.45	0.13	0.02	0.007	0.004	0	-0.002	0	0.006	0	2.97	2.32	3.75	3.66	3.64	3.55	0.98
0.42	0.12	0.03	0.007	0.003	-0.003		0	0.007	0	2.99	2.32	3.77	3.68	3.66	3.57	0.98
0.39	0.12	0.03	0.009	0.003	-0.004		0	0.007	0	2.46	2.29	3.75	3.68	3.65	3.58	0.98
0.36	0.12	0.03	0.01	0.004	-0.005		0	0.007	0	2.55	2.18	3.74	3.69	3.62	3.6	0.99
0.34	0.12	0.04	0.01	0.007	-0.003		0	0.006	0	2.77	1.86	3.75	3.7	3.6	3.63	0.99
0.32	0.12	0.05	0.02	0.01	0		0	0.005	0	2.71	1.97	3.76	3.69	3.62	3.63	0.99
0.3	0.12	0.06	0.03	0.01	0.003	-0.002	0	0.004	0	2.51	2.03	3.76	3.69	3.63	3.64	1
0.28	0.13	0.06	0.03	0.01	0.005	-0.002	0.001	0.003	0	2.08	2.36	3.75	3.69	3.63	3.65	1
0.26	0.13	0.07	0.04	0.02	0.007	-0.001	0.002	0.002	0	2.17	2.47	3.74	3.69	3.66	3.61	1
0.25	0.13	0.07	0.04	0.02	0.008	-0.001	0.002	0.001	0	2.69	2.29	3.75	3.67	3.65	3.61	1
0.24	0.13	0.07	0.04	0.02	0.009	0	0.002	0.001	0	2.73	2.42	3.76	3.67	3.65	3.56	1
0.23	0.12	0.07	0.04	0.02	0.009	0	0.001	0	0	2.58	2.32	3.74	3.67	3.64	3.57	1
0.23	0.12	0.07	0.04	0.02	0.009	0	0.001	0	0	1.81	2.03	3.73	3.69	3.61	3.59	1
0.22	0.12	0.06	0.04	0.02	0.009	0	0.001	0.001	0	2.46	2.11	3.75	3.66	3.62	3.57	1
0.22	0.12	0.06	0.03	0.02	0.009	-0.001	0.001	0.001	0	2.6	2.1	3.76	3.66	3.65	3.57	1
0.22	0.12	0.06	0.03	0.01	0.009	-0.001	0.001	0.001	0	2.57	1.99	3.77	3.66	3.65	3.58	1
0.21	0.11	0.06	0.03	0.01	0.009	-0.002	0.001	0.001	0	2.61	1.34	3.77	3.67	3.65	3.6	1
0.21	0.11	0.06	0.03	0.01	0.009	-0.002	0.001	0.001	0	2.44	2.29	3.77	3.69	3.64	3.65	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.21	0.11	0.06	0.03	0.02	0.01	-0.002	0.002	0.001	0	1.72	2.43	3.76	3.71	3.64	3.61	1
0.21	0.12	0.06	0.03	0.02	0.01	-0.002	0.002	0.001	0	2.66	2.35	3.76	3.7	3.66	3.64	1
0.21	0.12	0.06	0.03	0.02	0.01	-0.002	0.002	0.001	0	2.74	2.54	3.76	3.71	3.66	3.61	1
0.21	0.12	0.07	0.03	0.02	0.009	-0.002	0.002	0.001	0	2.31	2.07	3.75	3.69	3.62	3.6	1
0.22	0.12	0.07	0.04	0.02	0.009	-0.002	0.002	0.001	0	2.07	2.14	3.73	3.67	3.61	3.54	1
0.22	0.12	0.07	0.04	0.02	0.008	-0.002	0.002	0.001	0	2.48	2.32	3.73	3.68	3.63	3.56	0.99
0.22	0.13	0.07	0.04	0.02	0.008	-0.002	0.001	0.001	0	2.48	1.91	3.73	3.66	3.62	3.57	0.99
0.22	0.13	0.07	0.04	0.02	0.007	-0.002	0.001	0.002	0	2.24	1.83	3.75	3.68	3.61	3.57	0.99
0.23	0.13	0.07	0.04	0.01	0.006	-0.002	0.001	0.003	0	2.01	2.16	3.76	3.69	3.61	3.58	0.99
0.23	0.13	0.07	0.04	0.01	0.005	-0.003	0.001	0.003	0	2.02	2.5	3.73	3.68	3.61	3.58	0.99
0.23	0.13	0.07	0.04	0.01	0.005	-0.003	0.001	0.004	0	2.33	2.57	3.75	3.68	3.63	3.6	0.99
0.23	0.13	0.07	0.04	0.01	0.005	-0.003	0.002	0.005	0	2.13	2.48	3.75	3.68	3.63	3.62	0.99
0.23	0.13	0.07	0.04	0.01	0.004	-0.003	0.002	0.006	0	1.9	2.31	3.73	3.7	3.64	3.58	0.99
0.24	0.13	0.07	0.04	0.01	0.004	-0.003	0.002	0.007	0	2.4	1.95	3.72	3.67	3.62	3.55	0.99
0.24	0.13	0.07	0.04	0.01	0.003	-0.004	0.003	0.008	0	2.48	2.27	3.72	3.68	3.6	3.56	0.99
0.24	0.13	0.07	0.03	0.01	0.002	-0.004	0.002	0.009	0	2.19	2.48	3.74	3.67	3.61	3.56	0.99
0.25	0.13	0.07	0.03	0.01	0.002	-0.004	0.002	0.009	0	1.93	2.1	3.75	3.67	3.65	3.57	0.99
0.25	0.13	0.07	0.03	0.01	0.001	-0.004	0.002	0.009	0	2.46	1.73	3.76	3.69	3.67	3.61	0.99
0.26	0.14	0.07	0.03	0.009	0.001	-0.004	0.001	0.009	0	2.63	2.52	3.76	3.68	3.66	3.59	0.99
0.27	0.14	0.07	0.03	0.007	0.001	-0.004	0.001	0.009	0	2.25	2.57	3.75	3.7	3.66	3.61	0.99
0.27	0.14	0.07	0.03	0.006	0.002	-0.004	0	0.008	0	2.41	2.66	3.74	3.68	3.63	3.56	1
0.28	0.14	0.07	0.03	0.005	0.003		0	0.007	0	2.42	2.53	3.75	3.67	3.63	3.56	1
0.29	0.15	0.07	0.03	0.006	0.004		0	0.006	0	1.86	2.33	3.76	3.68	3.61	3.57	1
0.29	0.15	0.08	0.03	0.007	0.006		0	0.005	0	2.52	2.42	3.74	3.68	3.64	3.58	1
0.3	0.15	0.08	0.04	0.009	0.007		0	0.003	0	2.46	2.4	3.75	3.69	3.65	3.57	1
0.31	0.15	0.08	0.04	0.01	0.009		0	0.002	0	2.12	2.51	3.75	3.69	3.63	3.58	1.01
0.32	0.16	0.08	0.04	0.01	0.01	0	0	0.001	0	2.19	2.02	3.73	3.68	3.61	3.56	1.01
0.33	0.16	0.09	0.04	0.01	0.01	0.001	0.001	0	0	2.36	2.13	3.75	3.67	3.62	3.59	1.02
0.34	0.16	0.09	0.05	0.01	0.01	0.001	0.002	0	0	2.3	2.03	3.74	3.68	3.61	3.58	1.02
0.35	0.17	0.09	0.05	0.01	0.01	0.001	0.002	0	0	2.5	2.09	3.76	3.69	3.62	3.59	1.02
0.35	0.17	0.09	0.05	0.02	0.01	0	0.003	0.001	0	2.36	2.07	3.75	3.68	3.64	3.58	1.02
0.36	0.17	0.09	0.05	0.02	0.009	0	0.003	0.001	0	2.11	2.36	3.75	3.7	3.65	3.6	1.02
0.37	0.17	0.09	0.05	0.02	0.008	-0.001	0.003	0.001	0	2.48	2.37	3.76	3.69	3.62	3.63	1.02
0.37	0.18	0.09	0.05	0.02	0.008	-0.001	0.002	0.001	0	2.43	2.33	3.77	3.7	3.6	3.6	1.02
0.38	0.18	0.09	0.05	0.02	0.007	-0.001	0.002	0.001	0	2.47	2.26	3.74	3.7	3.64	3.59	1.02
0.38	0.18	0.09	0.05	0.02	0.007	-0.001	0.002	0.001	0	2.07	2.6	3.75	3.7	3.65	3.59	1.02
0.38	0.18	0.09	0.05	0.02	0.007	0	0.002	0.001	0	2.09	2.54	3.75	3.68	3.63	3.55	1.02
0.38	0.18	0.09	0.05	0.02	0.007	0	0.001	0.001	0	2.29	2.03	3.73	3.67	3.61	3.55	1.01
0.39	0.18	0.09	0.05	0.02	0.007	0	0.001	0.001	0	2.29	2.37	3.72	3.66	3.6	3.55	1.01
0.38	0.18	0.09	0.05	0.02	0.008	0.001	0.001	0.001	0	2.25	2.52	3.73	3.66	3.62	3.55	1.01
0.38	0.18	0.09	0.05	0.02	0.009	0.001	0.001	0.001	0	2.12	2.46	3.75	3.68	3.63	3.56	1.01
0.38	0.18	0.09	0.05	0.02	0.01	0.002	0.002	0	0	2.11	2.55	3.77	3.69	3.62	3.58	1.01
0.38	0.18	0.09	0.05	0.03	0.01	0.003	0.002	0	0	2.36	2.37	3.76	3.7	3.62	3.6	1
0.38	0.18	0.09	0.05	0.03	0.01	0.003	0.002	0	0	2.4	2.08	3.77	3.72	3.63	3.62	1
0.38	0.19	0.1	0.06	0.03	0.01	0.004	0.003	0	0	2.09	2.56	3.77	3.7	3.62	3.61	1
0.38	0.19	0.11	0.06	0.03	0.02	0.005	0.004	-0.001	0	2	2.56	3.76	3.69	3.62	3.6	0.99
0.38	0.2	0.11	0.06	0.04	0.02	0.007	0.004	-0.001	0	2.38	2.32	3.75	3.66	3.61	3.55	0.99
0.38	0.2	0.12	0.07	0.04	0.02	0.008	0.005	-0.001	0	2.46	2.04	3.72	3.64	3.59	3.55	0.99
0.39	0.22	0.12	0.07	0.04	0.02	0.01	0.007	0	0	2.33	2.01	3.71	3.65	3.62	3.55	0.99
0.41	0.23	0.13	0.08	0.04	0.02	0.01	0.008	0.001	0	1.88	2.23	3.72	3.65	3.62	3.57	0.99
0.43	0.24	0.14	0.08	0.05	0.02	0.01	0.009	0.002	0	2.17	2.36	3.74	3.65	3.6	3.58	0.99
0.46	0.26	0.15	0.09	0.05	0.02	0.01	0.009	0.002	0	2.55	2.48	3.74	3.68	3.63	3.56	0.99
0.48	0.28	0.16	0.09	0.05	0.02	0.01	0.008	0.001	0	2.65	2.48	3.76	3.71	3.62	3.59	0.98
0.51	0.3	0.17	0.1	0.05	0.02	0.01	0.008	0.001	0	2.28	2.59	3.76	3.69	3.64	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.55	0.32	0.18	0.1	0.05	0.01	0.01	0.007	0	0	2.26	2.16	3.75	3.69	3.63	3.57	0.98
0.58	0.34	0.2	0.11	0.05	0.01	0.008	0.006	-0.001	0	2.72	2.19	3.74	3.68	3.62	3.57	0.98
0.61	0.36	0.21	0.11	0.05	0.01	0.006	0.005	-0.002	0	2.66	1.97	3.74	3.69	3.6	3.57	0.98
0.64	0.38	0.22	0.12	0.05	0.02	0.005	0.005	-0.001	0	2.08	2.06	3.74	3.67	3.63	3.57	0.98
0.67	0.4	0.23	0.12	0.05	0.02	0.004	0.005	-0.002	0	2.48	2.27	3.75	3.68	3.66	3.59	0.97
0.69	0.42	0.24	0.13	0.05	0.02	0.002	0.004	-0.002	0	2.76	2.42	3.75	3.67	3.64	3.59	0.97
0.71	0.44	0.25	0.13	0.05	0.02	0.001	0.004	-0.002	0	2.57	2.64	3.77	3.67	3.62	3.57	0.96
0.73	0.45	0.26	0.13	0.05	0.02	0	0.003	-0.001	0	1.62	2.47	3.76	3.69	3.63	3.58	0.96
0.75	0.46	0.26	0.13	0.05	0.01	0	0.003	0	0	2.43	2.27	3.74	3.68	3.63	3.56	0.95
0.76	0.47	0.27	0.13	0.05	0.01	0	0.003	0.001	0	2.6	2.25	3.73	3.67	3.61	3.56	0.95
0.78	0.48	0.27	0.13	0.05	0.01	0	0.003	0.001	0	2.49	2.03	3.72	3.66	3.62	3.55	0.94
0.78	0.49	0.28	0.13	0.05	0.01	0	0.002	0.002	0	1.84	2.4	3.73	3.67	3.62	3.57	0.94
0.79	0.49	0.28	0.13	0.05	0.01	0.001	0.002	0.002	0	2.25	2.48	3.74	3.67	3.64	3.58	0.94
0.79	0.5	0.28	0.14	0.05	0.01	0.001	0.002	0.002	0	2.48	2.37	3.73	3.69	3.66	3.58	0.94
0.79	0.5	0.28	0.14	0.05	0.01	0.002	0.001	0.001	0	2.14	2.5	3.73	3.69	3.64	3.58	0.94
0.79	0.5	0.29	0.14	0.05	0.01	0.003	0.001	0.001	0	1.99	2.25	3.73	3.67	3.64	3.58	0.94
0.79	0.5	0.29	0.14	0.05	0.01	0.004	0	0.001	0	1.96	2.38	3.74	3.67	3.61	3.55	0.94
0.78	0.5	0.29	0.14	0.05	0.01	0.004	0	0.001	0	2.17	1.96	3.74	3.66	3.62	3.58	0.94
0.78	0.5	0.29	0.14	0.06	0.01	0.004	0	0.001	0	2.43	1.96	3.72	3.67	3.62	3.56	0.94
0.77	0.5	0.29	0.14	0.06	0.01	0.004	0.001	0.001	0	2.13	2.17	3.73	3.67	3.6	3.58	0.95
0.76	0.49	0.29	0.15	0.06	0.01	0.004	0.001	0	0	2.1	2.22	3.72	3.67	3.63	3.58	0.95
0.75	0.49	0.29	0.15	0.06	0.01	0.004	0.002	0	0	2.52	2.25	3.73	3.68	3.63	3.58	0.95
0.75	0.49	0.29	0.15	0.06	0.01	0.004	0.002	-0.001	0	2.44	2.04	3.75	3.68	3.64	3.6	0.95
0.74	0.49	0.29	0.15	0.07	0.02	0.004	0.003	-0.001	0	1.93	2.24	3.74	3.69	3.65	3.63	0.95
0.74	0.49	0.29	0.16	0.07	0.02	0.005	0.004	-0.002	0	2.23	2.49	3.74	3.69	3.66	3.64	0.95
0.74	0.49	0.29	0.16	0.07	0.02	0.005	0.004	-0.002	0	2.39	2.33	3.75	3.68	3.65	3.6	0.95
0.75	0.49	0.3	0.16	0.07	0.03	0.007	0.006	-0.002	0	2.42	2.2	3.73	3.67	3.65	3.59	0.95
0.78	0.5	0.3	0.16	0.07	0.03	0.009	0.007	-0.001	0	2.16	2.34	3.72	3.67	3.63	3.56	0.95
0.82	0.52	0.31	0.16	0.08	0.04	0.01	0.009	0.001	0	2.1	1.99	3.71	3.67	3.61	3.54	0.94
0.89	0.55	0.32	0.17	0.08	0.04	0.01	0.01	0.001	0	2.63	2.14	3.72	3.64	3.59	3.53	0.94
0.98	0.6	0.33	0.17	0.09	0.05	0.02	0.01	0.002	0	2.53	2.44	3.73	3.65	3.59	3.54	0.94
1.09	0.65	0.35	0.18	0.09	0.05	0.02	0.01	0.003	0	2.01	2.48	3.73	3.67	3.63	3.55	0.94
1.22	0.72	0.38	0.19	0.09	0.05	0.02	0.01	0.004	0	2.6	2.37	3.76	3.67	3.62	3.59	0.94
1.37	0.8	0.41	0.2	0.1	0.05	0.02	0.01	0.004	0	2.79	2.44	3.76	3.69	3.66	3.58	0.94
1.52	0.88	0.44	0.2	0.09	0.04	0.02	0.01	0.004	0	2.52	2.51	3.74	3.68	3.66	3.63	0.94
1.67	0.96	0.47	0.2	0.09	0.04	0.01	0.009	0.004	0	1.85	2.4	3.74	3.69	3.59	3.6	0.94
1.81	1.03	0.5	0.21	0.09	0.04	0.01	0.008	0.003	0	2.51	2.09	3.73	3.67	3.61	3.58	0.94
1.95	1.11	0.53	0.22	0.09	0.03	0.01	0.007	0.002	0	2.45	1.86	3.73	3.64	3.57	3.57	0.94
2.07	1.18	0.56	0.23	0.09	0.03	0.01	0.004	0.002	0	2.32	1.85	3.73	3.67	3.58	3.56	0.94
2.17	1.24	0.58	0.23	0.09	0.03	0.006	0.002	0.001	0	2.19	2.23	3.74	3.65	3.58	3.56	0.95
2.25	1.29	0.61	0.24	0.09	0.02	0.004	0.001	0	0	1.72	2.35	3.74	3.66	3.59	3.56	0.96
2.32	1.33	0.63	0.25	0.09	0.02		0	0	0	1.92	2.38	3.74	3.67	3.61	3.61	0.96
2.37	1.36	0.65	0.27	0.1	0.02		0.001	0	0	1.95	2.28	3.74	3.7	3.62	3.6	0.97
2.41	1.39	0.67	0.28	0.1	0.03		0.001	0	0	2.03	2.34	3.75	3.67	3.64	3.62	0.98
2.44	1.42	0.7	0.3	0.11	0.03		0	0	0	1.79	2.38	3.75	3.69	3.61	3.66	0.99
2.46	1.44	0.72	0.31	0.12	0.03		0	0	0	1.81	2.24	3.76	3.7	3.62	3.64	1
2.47	1.46	0.75	0.33	0.13	0.04	0.005	0	0	0	2.22	1.94	3.75	3.69	3.61	3.62	1
2.48	1.48	0.78	0.36	0.14	0.04	0.007	0.002	0	0	1.93	2.22	3.74	3.68	3.62	3.62	1.01
2.48	1.51	0.8	0.38	0.16	0.05	0.01	0.003	0	0	1.96	2.24	3.75	3.7	3.63	3.64	1.01
2.48	1.53	0.83	0.4	0.17	0.06	0.01	0.004	0	0	2.39	2.22	3.76	3.71	3.65	3.64	1.01
2.49	1.55	0.86	0.43	0.18	0.06	0.01	0.005	0	0	2.37	2.39	3.75	3.7	3.63	3.62	1.01
2.5	1.58	0.9	0.45	0.19	0.07	0.01	0.006	0	0	2.09	2.28	3.74	3.69	3.62	3.59	1.01
2.51	1.61	0.93	0.48	0.21	0.07	0.01	0.007	-0.001	0	2.48	2.18	3.73	3.67	3.61	3.56	1.01
2.54	1.65	0.97	0.51	0.22	0.08	0.02	0.007	-0.001	0	2.07	2	3.74	3.66	3.6	3.56	1.01

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.57	1.7	1.01	0.54	0.23	0.08	0.02	0.008	-0.001	0	2.23	2.38	3.73	3.64	3.59	3.56	1.01
2.61	1.74	1.05	0.57	0.24	0.09	0.02	0.008	-0.001	0	2.58	2.47	3.75	3.68	3.63	3.56	1.01
2.64	1.79	1.09	0.59	0.25	0.09	0.02	0.008	-0.001	0	2.47	2.55	3.76	3.68	3.64	3.57	1.01
2.68	1.83	1.12	0.61	0.27	0.1	0.02	0.009	-0.001	0	1.95	2.33	3.75	3.69	3.63	3.6	1.01
2.71	1.86	1.15	0.63	0.28	0.1	0.02	0.009	-0.001	0	2.45	1.78	3.76	3.68	3.63	3.57	1
2.74	1.9	1.18	0.64	0.29	0.1	0.02	0.009	-0.001	0	2.69	2.09	3.75	3.68	3.61	3.58	1
2.76	1.92	1.2	0.65	0.3	0.1	0.02	0.008	-0.001	0	2.62	2.15	3.74	3.69	3.65	3.61	1
2.77	1.94	1.22	0.66	0.3	0.11	0.03	0.008	-0.001	0	1.66	1.92	3.75	3.69	3.66	3.6	0.99
2.77	1.96	1.24	0.68	0.31	0.11	0.03	0.008	0	0	2.73	2.56	3.78	3.67	3.66	3.59	0.99
2.77	1.97	1.26	0.69	0.32	0.11	0.03	0.008	0	0	2.86	2.65	3.76	3.69	3.63	3.57	0.98
2.77	1.98	1.27	0.7	0.32	0.11	0.03	0.007	0.001	0	2.74	2.38	3.76	3.67	3.63	3.57	0.98
2.76	1.99	1.28	0.71	0.33	0.11	0.03	0.007	0.002	0	2.06	2.31	3.73	3.66	3.63	3.57	0.97
2.76	1.99	1.29	0.72	0.33	0.11	0.02	0.007	0.002	0	2.44	2.21	3.73	3.67	3.59	3.56	0.96
2.75	2	1.3	0.73	0.34	0.11	0.02	0.006	0.003	0	2.61	2.17	3.71	3.65	3.62	3.54	0.95
2.75	2	1.31	0.73	0.34	0.11	0.02	0.006	0.004	0	2.69	2.28	3.72	3.66	3.6	3.54	0.95
2.74	2	1.31	0.74	0.34	0.12	0.02	0.005	0.005	0	2.57	2.25	3.72	3.66	3.61	3.55	0.94
2.74	2	1.32	0.75	0.34	0.12	0.02	0.005	0.006	0	1.95	2.34	3.74	3.67	3.6	3.55	0.94
2.74	2	1.33	0.75	0.35	0.12	0.02	0.006	0.006	0	2.41	2.36	3.75	3.65	3.61	3.59	0.94
2.74	2.01	1.34	0.76	0.35	0.12	0.03	0.006	0.006	0	2.54	2.12	3.74	3.66	3.62	3.54	0.93
2.75	2.01	1.34	0.77	0.36	0.13	0.03	0.007	0.005	0	2.24	2.01	3.72	3.65	3.61	3.55	0.93
2.75	2.02	1.35	0.78	0.37	0.13	0.03	0.008	0.005	0	2.15	2.01	3.73	3.66	3.6	3.54	0.93
2.77	2.03	1.37	0.8	0.38	0.14	0.03	0.009	0.004	0	2.31	2.32	3.72	3.65	3.58	3.54	0.93
2.79	2.05	1.38	0.81	0.39	0.15	0.04	0.01	0.004	0	2.25	2.36	3.73	3.66	3.58	3.56	0.93
2.81	2.07	1.4	0.83	0.4	0.15	0.04	0.01	0.003	0	2.15	2.27	3.73	3.66	3.6	3.58	0.93
2.85	2.1	1.42	0.85	0.42	0.16	0.04	0.01	0.002	0	2.25	2.44	3.74	3.67	3.6	3.59	0.93
2.89	2.13	1.44	0.86	0.43	0.16	0.05	0.01	0.002	0	1.49	2.19	3.73	3.68	3.61	3.62	0.94
2.93	2.17	1.47	0.88	0.44	0.17	0.05	0.01	0.001	0	1.95	2.04	3.73	3.66	3.61	3.6	0.94
2.99	2.21	1.51	0.91	0.46	0.18	0.05	0.01	0.001	0	2.28	2.69	3.74	3.69	3.61	3.6	0.94
3.07	2.28	1.55	0.94	0.48	0.19	0.05	0.01	0.001	0	1.93	2.48	3.72	3.68	3.6	3.57	0.94
3.15	2.35	1.61	0.98	0.5	0.2	0.06	0.01	0.002	0	2.2	1.47	3.72	3.66	3.59	3.57	0.94
3.24	2.43	1.67	1.02	0.52	0.21	0.06	0.01	0.002	0	2.39	2.1	3.72	3.66	3.57	3.56	0.95
3.35	2.52	1.74	1.06	0.55	0.22	0.07	0.01	0.002	0	1.88	2.33	3.71	3.66	3.58	3.59	0.95
3.46	2.62	1.81	1.11	0.58	0.23	0.07	0.01	0.003	0	2.44	2.4	3.74	3.67	3.6	3.57	0.96
3.58	2.72	1.89	1.16	0.6	0.25	0.07	0.02	0.004	0	2.69	2.5	3.74	3.67	3.63	3.57	0.97
3.7	2.83	1.97	1.21	0.63	0.26	0.08	0.02	0.005	0	2.31	2.48	3.74	3.69	3.64	3.6	0.97
0.26	0.22	0.18	0.14	0.11	0.08	0.05	0.03	0.01	0	2.27	2.14	3.74	3.63	3.58	3.58	0.96
0.25	0.21	0.18	0.14	0.11	0.08	0.05	0.03	0.01	0	2.4	2.4	3.74	3.64	3.59	3.56	0.96
0.25	0.21	0.17	0.14	0.11	0.08	0.05	0.03	0.01	0	1.93	2.21	3.76	3.64	3.63	3.58	0.96
0.24	0.2	0.17	0.14	0.11	0.08	0.05	0.03	0.01	0	2.07	1.78	3.73	3.64	3.58	3.6	0.95
0.23	0.2	0.17	0.14	0.11	0.08	0.05	0.03		1.6	2.3	2.36	3.75	3.64	3.61	3.61	0.95
0.23	0.19	0.17	0.14	0.11	0.08	0.05	0.03	0.01	0	2.24	2.32	3.74	3.62	3.57	3.6	0.95
0.22	0.19	0.16	0.14	0.11	0.08	0.05	0.03	0.01	0	1.31	2.39	3.75	3.62	3.58	3.64	0.95
0.22	0.19	0.16	0.14	0.11	0.08	0.05	0.03	0.01	0	2.13	2.13	3.75	3.66	3.58	3.62	0.95
0.22	0.18	0.16	0.14	0.11	0.08	0.05	0.03	0.01	0	2.24	1.97	3.75	3.66	3.59	3.63	0.95
0.23	0.18	0.15	0.13	0.1	0.08	0.05	0.03	0.01	0	1.99	2.24	3.76	3.65	3.59	3.65	0.95
0.26	0.19	0.15	0.13	0.1	0.08	0.05	0.03	0.01	0	1.82	2.02	3.74	3.65	3.58	3.63	0.96
0.29	0.21	0.16	0.13	0.1	0.08	0.05	0.03	0.01	0	2.29	2.04	3.74	3.67	3.61	3.63	0.96
0.35	0.23	0.17	0.13	0.1	0.08	0.05	0.02	0.01	0	2.1	2.21	3.74	3.65	3.59	3.66	0.96
0.42	0.27	0.18	0.14	0.1	0.07	0.04	0.02	0.01	0	1.53	2.5	3.76	3.65	3.6	3.63	0.97
0.51	0.32	0.2	0.14	0.1	0.07	0.04	0.02	0.01	0	2.1	2.31	3.75	3.66	3.59	3.61	0.97
0.63	0.39	0.24	0.16	0.11	0.07	0.04	0.02	0.01	0	1.99	1.9	3.74	3.67	3.57	3.63	0.97
0.76	0.47	0.28	0.17	0.11	0.07	0.04	0.02	0.01	0	1.8	2.17	3.73	3.65	3.59	3.61	0.98
0.92	0.57	0.33	0.19	0.11	0.07	0.04	0.02	0.01	0	2.21	2.28	3.73	3.65	3.6	3.59	0.98
1.09	0.67	0.39	0.21	0.12	0.07	0.03	0.02	0.01	0	2.18	2.31	3.75	3.66	3.6	3.63	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.27	0.79	0.46	0.25	0.13	0.06	0.03	0.01	0.008	0	1.56	2.11	3.75	3.69	3.6	3.63	0.99
1.46	0.92	0.53	0.28	0.14	0.06	0.03	0.01	0.007	0	2.17	2.32	3.75	3.68	3.61	3.63	0.99
1.65	1.06	0.62	0.32	0.15	0.06	0.03	0.01	0.006	0	2.22	2.5	3.75	3.67	3.63	3.62	0.99
1.84	1.2	0.71	0.37	0.16	0.06	0.02	0.01	0.004	0	1.95	2.44	3.75	3.66	3.62	3.58	1
2.02	1.35	0.81	0.42	0.18	0.07	0.02	0.01	0.002	0	1.52	2.34	3.74	3.68	3.61	3.6	1
2.2	1.5	0.91	0.48	0.21	0.07	0.02	0.008	-0.001	0	1.24	2.24	3.75	3.67	3.61	3.61	1
2.38	1.65	1.02	0.54	0.24	0.08	0.02	0.008	-0.002	0	1.56	2.32	3.75	3.66	3.6	3.59	1
2.54	1.8	1.14	0.62	0.27	0.1	0.03	0.009	-0.002	0	1.64	2.07	3.74	3.67	3.6	3.58	1
2.7	1.94	1.26	0.69	0.31	0.11	0.03	0.01	-0.002	0	2.13	2.08	3.74	3.67	3.62	3.58	1
2.84	2.08	1.37	0.78	0.36	0.13	0.04	0.01	-0.002	0	1.91	2.31	3.74	3.66	3.6	3.57	0.99
2.97	2.21	1.49	0.86	0.4	0.15	0.04	0.01	-0.003	0	1.72	1.84	3.74	3.67	3.62	3.58	0.99
3.09	2.34	1.6	0.94	0.45	0.17	0.05	0.01	-0.002	0	2.22	1.84	3.74	3.69	3.63	3.58	0.99
3.19	2.45	1.71	1.03	0.51	0.2	0.06	0.02	-0.001	0	2.4	2.12	3.74	3.68	3.63	3.58	0.98
3.27	2.55	1.8	1.11	0.56	0.22	0.07	0.02	0	0	2.03	2.51	3.74	3.65	3.61	3.57	0.98
3.34	2.64	1.9	1.19	0.62	0.25	0.08	0.03	0.001	0	2.06	2.46	3.72	3.66	3.59	3.57	0.98
3.41	2.72	1.99	1.27	0.67	0.28	0.1	0.03	0.003	0	2.52	2.29	3.72	3.64	3.58	3.59	0.97
3.46	2.79	2.07	1.34	0.73	0.32	0.11	0.04	0.005	0	2.56	2.32	3.71	3.65	3.58	3.53	0.97
3.52	2.86	2.15	1.42	0.79	0.35	0.13	0.04	0.007	0	2.07	2.37	3.71	3.65	3.59	3.56	0.97
3.57	2.93	2.22	1.5	0.85	0.39	0.14	0.05	0.009	0	2.27	2.12	3.74	3.67	3.62	3.58	0.97
3.61	2.99	2.3	1.57	0.91	0.43	0.16	0.05	0.01	0	2.55	1.86	3.75	3.66	3.66	3.58	0.98
3.66	3.05	2.37	1.64	0.97	0.46	0.18	0.06	0.01	0	2.46	1.64	3.75	3.69	3.67	3.57	0.98
3.7	3.1	2.43	1.71	1.03	0.5	0.19	0.06	0.01	0	2.24	2.41	3.74	3.68	3.66	3.62	0.98
3.73	3.15	2.49	1.78	1.09	0.54	0.21	0.07	0.01	0	1.91	2.22	3.75	3.68	3.66	3.59	0.98
3.76	3.19	2.55	1.84	1.14	0.58	0.23	0.08	0.02	0	2.25	2.02	3.74	3.7	3.63	3.57	0.98
3.79	3.23	2.6	1.9	1.2	0.62	0.25	0.09	0.02	0	2.13	2.07	3.73	3.68	3.61	3.55	0.99
3.81	3.26	2.63	1.94	1.24	0.65	0.27	0.09	0.03	0	1.98	2.38	3.73	3.69	3.6	3.57	0.99
3.82	3.29	2.67	1.98	1.28	0.69	0.29	0.1	0.03	0	1.92	1.95	3.73	3.68	3.6	3.56	0.99
3.84	3.31	2.7	2.02	1.32	0.72	0.3	0.11	0.03	0	1.77	2.01	3.73	3.67	3.62	3.57	0.99
3.85	3.32	2.73	2.05	1.36	0.74	0.32	0.12	0.04	0	1.56	2.39	3.73	3.68	3.62	3.57	0.99
3.85	3.34	2.75	2.08	1.39	0.77	0.33	0.12	0.04	0	1.86	2.46	3.75	3.69	3.62	3.58	0.98
3.85	3.35	2.76	2.11	1.42	0.8	0.35	0.13	0.04	0	1.98	2.38	3.75	3.69	3.62	3.58	0.98
3.86	3.36	2.78	2.13	1.45	0.82	0.36	0.14	0.04	0	1.51	2.29	3.74	3.67	3.61	3.58	0.98
3.86	3.36	2.8	2.16	1.48	0.85	0.38	0.14	0.05	0	2.01	2.45	3.73	3.67	3.61	3.58	0.98
3.86	3.37	2.82	2.18	1.5	0.87	0.4	0.15	0.05	0	2.09	2.48	3.73	3.67	3.61	3.58	0.98
3.86	3.38	2.83	2.2	1.53	0.9	0.41	0.16	0.05	0	1.39	2.19	3.72	3.65	3.57	3.55	0.98
3.87	3.39	2.86	2.23	1.56	0.92	0.43	0.16	0.06	0	1.21	2.14	3.7	3.64	3.57	3.54	0.98
3.88	3.41	2.88	2.26	1.59	0.95	0.44	0.17	0.06	0	1.57	2.21	3.71	3.65	3.61	3.53	0.97
3.89	3.42	2.9	2.28	1.61	0.97	0.46	0.18	0.06	0	1.84	2.17	3.73	3.66	3.59	3.6	0.97
3.9	3.44	2.92	2.3	1.64	0.99	0.48	0.18	0.06	0	1.81	2.32	3.74	3.68	3.62	3.59	0.97
3.91	3.45	2.93	2.32	1.66	1.01	0.49	0.19	0.07	0	1.69	2.27	3.75	3.67	3.63	3.6	0.97
3.91	3.46	2.95	2.34	1.68	1.03	0.5	0.2	0.07	0	1.62	2.29	3.76	3.68	3.62	3.61	0.97
3.91	3.46	2.96	2.36	1.7	1.04	0.51	0.2	0.07	0	2	2.02	3.74	3.67	3.61	3.6	0.97
3.91	3.47	2.97	2.38	1.71	1.06	0.52	0.21	0.07	0	2.4	2.3	3.72	3.66	3.61	3.59	0.97
3.9	3.47	2.98	2.39	1.73	1.07	0.53	0.21	0.07	0	2.15	2.21	3.71	3.66	3.6	3.55	0.97
3.89	3.46	2.98	2.4	1.74	1.08	0.53	0.21	0.07	0	1.8	2.38	3.71	3.64	3.59	3.56	0.97
3.88	3.46	2.98	2.4	1.74	1.08	0.54	0.22	0.07	0	2.58	2.13	3.72	3.66	3.59	3.58	0.98
3.88	3.45	2.98	2.41	1.75	1.09	0.54	0.22	0.07	0	2.48	2.35	3.73	3.67	3.61	3.58	0.98
3.87	3.45	2.98	2.41	1.75	1.09	0.54	0.22	0.07	0	1.85	2.31	3.72	3.68	3.59	3.59	0.98
3.86	3.45	2.97	2.41	1.76	1.09	0.55	0.22	0.07	0	2.15	2.25	3.72	3.68	3.6	3.59	0.98
3.85	3.44	2.97	2.4	1.75	1.09	0.55	0.22	0.07	0	2.3	2.51	3.72	3.68	3.62	3.57	0.98
3.85	3.43	2.96	2.39	1.75	1.09	0.55	0.22	0.07	0	2.09	2.6	3.73	3.68	3.61	3.57	0.98
3.84	3.42	2.95	2.38	1.74	1.08	0.55	0.22	0.07	0	1.83	2.24	3.74	3.66	3.59	3.56	0.98
3.83	3.41	2.94	2.37	1.73	1.08	0.54	0.22	0.07	0	1.49	2.14	3.72	3.65	3.61	3.55	0.99
3.82	3.4	2.92	2.35	1.72	1.06	0.54	0.22	0.07	0	2.46	2.2	3.74	3.68	3.61	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.81	3.39	2.9	2.33	1.7	1.05	0.53	0.22	0.06	0	2.29	2.11	3.76	3.68	3.6	3.57	1
3.81	3.37	2.88	2.31	1.68	1.04	0.52	0.21	0.06	0	1.78	2.23	3.74	3.67	3.6	3.6	1.01
3.8	3.36	2.86	2.29	1.66	1.02	0.51	0.21	0.06	0	1.86	2.54	3.77	3.67	3.62	3.61	1.01
3.79	3.34	2.84	2.27	1.63	1.01	0.5	0.21	0.06	0	1.96	2.25	3.77	3.69	3.63	3.59	1.02
3.78	3.32	2.82	2.24	1.61	0.99	0.5	0.2	0.06	0	2.25	2.02	3.76	3.69	3.64	3.6	1.02
3.76	3.3	2.79	2.21	1.59	0.98	0.49	0.2	0.06	0	2.63	2.21	3.75	3.68	3.62	3.6	1.03
3.75	3.28	2.77	2.19	1.56	0.96	0.48	0.2	0.06	0	2.52	2.32	3.76	3.66	3.63	3.62	1.03
3.73	3.26	2.74	2.16	1.54	0.95	0.48	0.2	0.06	0	1.68	2.16	3.76	3.67	3.63	3.6	1.03
3.72	3.24	2.71	2.13	1.52	0.93	0.47	0.2	0.06	0	2.56	1.91	3.77	3.69	3.64	3.6	1.03
3.7	3.21	2.68	2.11	1.5	0.92	0.46	0.2	0.06	0	2.58	2.26	3.75	3.69	3.62	3.61	1.03
3.67	3.18	2.65	2.07	1.47	0.9	0.46	0.2	0.06	0	2.23	2.39	3.76	3.68	3.62	3.6	1.02
3.65	3.16	2.62	2.04	1.44	0.89	0.45	0.2	0.06	0	1.97	2.2	3.76	3.68	3.61	3.58	1.02
3.63	3.13	2.59	2.01	1.42	0.87	0.44	0.19	0.05	0	2.31	2.13	3.72	3.67	3.61	3.57	1.02
3.6	3.1	2.56	1.98	1.39	0.85	0.43	0.19	0.05	0	2.12	2.17	3.72	3.67	3.63	3.56	1.01
3.58	3.07	2.53	1.94	1.35	0.82	0.42	0.18	0.05	0	1.78	2.34	3.73	3.68	3.61	3.58	1.01
3.56	3.05	2.49	1.91	1.32	0.8	0.4	0.18	0.05	0	1.76	1.85	3.73	3.67	3.6	3.58	1
3.53	3.02	2.46	1.87	1.29	0.77	0.39	0.17	0.04	0	1.34	2.38	3.73	3.69	3.6	3.59	1
3.51	2.99	2.43	1.84	1.25	0.75	0.37	0.16	0.04	0	2.07	2.47	3.74	3.66	3.62	3.59	0.99
3.49	2.96	2.39	1.8	1.22	0.72	0.36	0.16	0.04	0	2.29	2.23	3.73	3.66	3.63	3.59	0.98
3.47	2.94	2.36	1.76	1.18	0.7	0.35	0.15	0.03	0	2.24	2.29	3.76	3.67	3.63	3.57	0.97
3.45	2.91	2.33	1.73	1.15	0.67	0.33	0.15	0.03	0	1.81	1.79	3.74	3.66	3.65	3.57	0.97
3.43	2.89	2.3	1.69	1.11	0.64	0.32	0.14	0.03	0	1.8	2.2	3.73	3.66	3.64	3.56	0.96
3.41	2.86	2.27	1.65	1.08	0.62	0.31	0.13	0.02	0	2.13	2.37	3.73	3.66	3.6	3.56	0.95
3.4	2.84	2.24	1.62	1.04	0.59	0.29	0.13	0.02	0	2.13	2.29	3.72	3.66	3.6	3.55	0.95
3.39	2.82	2.21	1.58	1.01	0.57	0.28	0.12	0.02	0	1.6	2.27	3.71	3.65	3.6	3.55	0.94
3.39	2.81	2.18	1.55	0.98	0.55	0.27	0.11	0.02	0	1.78	2.32	3.73	3.65	3.6	3.55	0.94
3.39	2.8	2.16	1.52	0.95	0.52	0.25	0.1	0.01	0	2.02	2.42	3.72	3.66	3.6	3.54	0.94
3.38	2.78	2.13	1.48	0.92	0.5	0.24	0.1	0.01	0	1.49	2.38	3.74	3.65	3.59	3.54	0.93
3.38	2.77	2.11	1.45	0.89	0.48	0.23	0.09	0.01	0	1.37	2.42	3.74	3.66	3.64	3.55	0.93
3.37	2.75	2.08	1.42	0.86	0.46	0.22	0.08	0.01	0	1.56	2.27	3.73	3.67	3.66	3.59	0.93
3.36	2.73	2.05	1.39	0.84	0.44	0.2	0.08	0.01	0	1.56	2.35	3.77	3.68	3.68	3.59	0.93
3.35	2.71	2.02	1.37	0.82	0.43	0.19	0.07	0.01	0	1.63	2.26	3.77	3.67	3.68	3.58	0.93
3.33	2.68	2	1.34	0.8	0.42	0.19	0.07	0.01	0	1.96	2.16	3.75	3.65	3.66	3.55	0.93
3.3	2.65	1.97	1.32	0.78	0.41	0.18	0.06	0.01	0	2.09	1.91	3.76	3.65	3.65	3.56	0.93
3.28	2.62	1.94	1.3	0.77	0.4	0.18	0.06	0.01	0	1.97	2.24	3.76	3.65	3.64	3.55	0.94
3.25	2.59	1.92	1.29	0.76	0.4	0.17	0.06	0.01	0	1.72	2.36	3.73	3.66	3.63	3.54	0.94
3.23	2.57	1.9	1.27	0.76	0.4	0.17	0.06	0.01	0	1.9	2.32	3.73	3.66	3.63	3.56	0.94
3.21	2.55	1.88	1.27	0.76	0.39	0.17	0.06	0.01	0	1.99	2.3	3.74	3.66	3.63	3.57	0.94
3.19	2.53	1.87	1.26	0.76	0.39	0.17	0.06	0.01	0	1.48	2.34	3.74	3.66	3.63	3.57	0.95
3.18	2.51	1.86	1.25	0.76	0.39	0.17	0.06	0.01	0	1.89	2.2	3.75	3.68	3.62	3.6	0.95
3.17	2.5	1.85	1.25	0.76	0.4	0.17	0.06	0.01	0	2.26	2.4	3.74	3.68	3.65	3.59	0.96
3.17	2.49	1.84	1.25	0.76	0.4	0.17	0.06	0.01	0	2.4	2.24	3.75	3.66	3.63	3.58	0.96
3.17	2.48	1.84	1.25	0.76	0.4	0.17	0.06	0.01	0	2.34	2.2	3.75	3.67	3.62	3.6	0.97
3.17	2.48	1.84	1.25	0.76	0.4	0.17	0.06	0.01	0	1.94	2.4	3.75	3.67	3.61	3.59	0.97
3.17	2.48	1.84	1.25	0.76	0.4	0.16	0.06	0.01	0	2.31	2.52	3.73	3.68	3.61	3.6	0.98
3.18	2.48	1.84	1.25	0.76	0.4	0.16	0.06	0.01	0	2.74	2.35	3.73	3.68	3.59	3.59	0.98
3.19	2.49	1.84	1.26	0.77	0.4	0.16	0.05	0.01	0	2.73	2.31	3.73	3.67	3.61	3.61	0.98
3.19	2.5	1.84	1.26	0.77	0.4	0.16	0.05	0.01	0	2.22	2.17	3.74	3.67	3.62	3.58	0.98
3.2	2.5	1.85	1.26	0.77	0.4	0.16	0.05	0.01	0	2.42	2.1	3.75	3.7	3.61	3.59	0.99
3.21	2.51	1.86	1.27	0.78	0.4	0.16	0.05	0.01	0	2.58	1.72	3.75	3.68	3.62	3.58	0.99
3.22	2.52	1.87	1.28	0.78	0.4	0.16	0.05	0.01	0	2.25	1.59	3.74	3.66	3.6	3.58	0.99
3.22	2.53	1.88	1.29	0.79	0.4	0.16	0.05	0.01	0	1.84	2.29	3.74	3.66	3.61	3.55	1
3.23	2.55	1.89	1.3	0.79	0.4	0.16	0.05	0.01	0	2.22	2.34	3.73	3.67	3.62	3.55	1
3.25	2.56	1.9	1.31	0.8	0.41	0.16	0.05	0.01	0	1.9	2.3	3.74	3.68	3.62	3.59	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.26	2.57	1.91	1.32	0.81	0.41	0.16	0.05	0.01	0	1.9	2.12	3.75	3.67	3.62	3.59	1.01
3.27	2.58	1.93	1.32	0.81	0.41	0.16	0.05	0.01	0	1.72	2.44	3.75	3.68	3.61	3.58	1.01
3.27	2.59	1.94	1.33	0.82	0.41	0.16	0.05	0.01	0	2.13	2.26	3.76	3.69	3.64	3.62	1.01
3.28	2.6	1.94	1.34	0.82	0.42	0.16	0.05	0.01	0	2.19	2.1	3.76	3.7	3.65	3.61	1.02
3.28	2.6	1.95	1.35	0.83	0.42	0.17	0.05	0.01	0	1.8	2.26	3.75	3.69	3.64	3.61	1.02
3.27	2.6	1.95	1.35	0.83	0.43	0.17	0.05	0.01	0	2.02	2.29	3.75	3.69	3.63	3.59	1.02
3.26	2.6	1.96	1.36	0.84	0.43	0.17	0.05	0.01	0	1.94	2.37	3.75	3.69	3.63	3.58	1.02
3.25	2.6	1.96	1.37	0.84	0.44	0.17	0.05	0.01	0	1.8	2.36	3.74	3.68	3.61	3.57	1.01
3.24	2.59	1.96	1.37	0.85	0.44	0.17	0.05	0.01	0	1.92	2.37	3.73	3.68	3.63	3.58	1.01
3.23	2.59	1.96	1.38	0.86	0.44	0.18	0.05	0.01	0	2.2	2.4	3.74	3.68	3.6	3.56	1
3.22	2.58	1.96	1.38	0.87	0.45	0.18	0.05	0.01	0	2.22	2.16	3.75	3.68	3.6	3.57	1
3.21	2.58	1.97	1.39	0.87	0.45	0.18	0.05	0.01	0	2.15	2.25	3.75	3.68	3.61	3.59	0.99
3.21	2.59	1.98	1.41	0.89	0.46	0.18	0.05	0.01	0	1.44	2.34	3.75	3.68	3.62	3.59	0.98
3.21	2.6	2	1.42	0.9	0.47	0.18	0.05	0.01	0	1.81	2.36	3.73	3.67	3.63	3.6	0.98
3.24	2.63	2.03	1.45	0.92	0.48	0.19	0.06	0.01	0	2.67	2.43	3.73	3.66	3.64	3.58	0.97
3.26	2.66	2.06	1.48	0.94	0.49	0.19	0.06	0.01	0	2.7	2.43	3.74	3.65	3.62	3.54	0.97
3.29	2.7	2.1	1.52	0.97	0.5	0.2	0.06	0.01	0	2.66	2.16	3.73	3.66	3.59	3.52	0.97
3.33	2.74	2.15	1.55	0.99	0.52	0.2	0.06	0.01	0	1.81	2.43	3.74	3.68	3.62	3.57	0.97
3.36	2.78	2.19	1.59	1.02	0.53	0.2	0.06	0.01	0	2.52	2.27	3.75	3.7	3.64	3.58	0.97
3.39	2.82	2.23	1.63	1.04	0.54	0.21	0.06	0.01	0	2.58	2.28	3.76	3.72	3.62	3.6	0.97
3.42	2.86	2.27	1.66	1.06	0.55	0.21	0.06	0.01	0	2.17	2.3	3.75	3.69	3.63	3.62	0.97
3.44	2.89	2.3	1.69	1.08	0.56	0.21	0.06	0.01	0	1.7	2.22	3.72	3.69	3.61	3.59	0.97
3.45	2.91	2.33	1.71	1.09	0.56	0.21	0.06	0.01	0	2.41	2.39	3.74	3.67	3.6	3.57	0.97
3.46	2.92	2.35	1.73	1.1	0.56	0.21	0.07	0.01	0	2.38	2.42	3.72	3.66	3.6	3.54	0.98
3.46	2.93	2.36	1.74	1.11	0.57	0.22	0.07	0.01	0	1.51	2.01	3.72	3.65	3.58	3.56	0.98
3.47	2.95	2.37	1.75	1.12	0.57	0.22	0.07	0.01	0	2.39	2.18	3.75	3.68	3.61	3.58	0.98
3.48	2.96	2.38	1.76	1.12	0.57	0.22	0.07	0.02	0	2.7	2.29	3.75	3.68	3.6	3.6	0.99
3.49	2.96	2.39	1.76	1.12	0.57	0.22	0.07	0.02	0	2.42	2.38	3.75	3.67	3.62	3.59	0.99
3.5	2.97	2.39	1.76	1.12	0.57	0.21	0.07	0.02	0	2.28	2.39	3.75	3.67	3.63	3.61	1
3.5	2.96	2.38	1.75	1.11	0.56	0.21	0.07	0.02	0	2.74	2.5	3.75	3.68	3.62	3.6	1
3.49	2.95	2.36	1.73	1.1	0.56	0.21	0.07	0.02	0	2.75	2.34	3.77	3.69	3.61	3.6	1
3.47	2.92	2.33	1.7	1.08	0.54	0.2	0.06	0.02	0	2.15	2.26	3.75	3.7	3.63	3.61	1
3.44	2.89	2.3	1.67	1.05	0.53	0.2	0.06	0.02	0	2.37	2.35	3.76	3.7	3.63	3.64	1
3.4	2.85	2.26	1.63	1.02	0.51	0.19	0.06	0.01	0	2.57	2.58	3.74	3.68	3.63	3.61	1
3.36	2.81	2.21	1.59	0.99	0.5	0.18	0.06	0.01	0	2.44	2.23	3.75	3.66	3.61	3.58	1
3.33	2.77	2.17	1.55	0.96	0.48	0.17	0.06	0.01	0	1.83	2.29	3.74	3.65	3.62	3.58	1
3.3	2.73	2.12	1.5	0.92	0.46	0.17	0.05	0.01	0	2.23	2.16	3.73	3.66	3.6	3.55	1
3.27	2.7	2.08	1.46	0.88	0.43	0.16	0.05	0.01	0	2.22	2.33	3.73	3.66	3.59	3.54	1
3.25	2.66	2.04	1.41	0.85	0.41	0.15	0.05	0.01	0	1.75	2.33	3.72	3.67	3.64	3.57	1
3.23	2.63	1.99	1.37	0.81	0.39	0.14	0.04	0.01	0	2.14	2.39	3.76	3.67	3.66	3.6	1
3.21	2.59	1.95	1.32	0.77	0.37	0.13	0.04	0.01	0	2.34	2.47	3.75	3.7	3.67	3.64	1
3.18	2.56	1.91	1.28	0.73	0.34	0.12	0.04	0.01	0	2.17	2.49	3.76	3.69	3.69	3.63	1
3.15	2.52	1.86	1.23	0.7	0.32	0.11	0.03	0.008	0	1.59	2.29	3.75	3.67	3.69	3.6	1
3.12	2.48	1.81	1.19	0.67	0.31	0.1	0.03	0.007	0	2	2.18	3.75	3.66	3.64	3.57	1
3.09	2.43	1.77	1.15	0.63	0.29	0.1	0.03	0.006	0	2.25	2.5	3.73	3.67	3.6	3.57	0.99
3.05	2.38	1.72	1.1	0.6	0.27	0.09	0.03	0.005	0	2	2.42	3.72	3.65	3.58	3.57	0.99
3	2.33	1.66	1.06	0.57	0.26	0.08	0.02	0.004	0	1.94	2.62	3.73	3.66	3.62	3.56	0.99
2.96	2.28	1.61	1.01	0.54	0.24	0.08	0.02	0.004	0	2.4	2.56	3.73	3.68	3.63	3.57	0.98
2.9	2.22	1.55	0.97	0.51	0.23	0.07	0.02	0.003	0	2.32	2.27	3.76	3.68	3.63	3.59	0.98
2.84	2.15	1.49	0.92	0.48	0.21	0.06	0.02	0.003	0	1.67	2.4	3.75	3.67	3.63	3.61	0.97
2.78	2.08	1.43	0.87	0.46	0.2	0.06	0.01	0.003	0	2.35	2.44	3.74	3.67	3.6	3.58	0.97
2.72	2.02	1.37	0.83	0.43	0.19	0.05	0.01	0.002	0	2.36	1.93	3.74	3.66	3.6	3.58	0.96
2.65	1.95	1.31	0.78	0.4	0.17	0.05	0.01	0.002	0	1.91	1.87	3.73	3.65	3.59	3.54	0.96
2.59	1.89	1.25	0.74	0.38	0.16	0.04	0.01	0.001	0	1.72	2.33	3.73	3.66	3.59	3.57	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.53	1.82	1.2	0.7	0.35	0.14	0.04	0.01	0.001	0	1.95	2.38	3.71	3.67	3.6	3.56	0.96
2.48	1.77	1.15	0.66	0.33	0.13	0.03	0.01	0	0	1.66	2.56	3.71	3.65	3.6	3.56	0.95
2.42	1.72	1.1	0.63	0.31	0.12	0.03	0.009	0	0	1.59	2.49	3.72	3.68	3.61	3.57	0.95
2.38	1.67	1.06	0.59	0.29	0.11	0.02	0.008	0	0	1.75	2.35	3.74	3.67	3.59	3.59	0.95
2.33	1.62	1.02	0.56	0.27	0.1	0.02	0.007	0	0	2.19	2.46	3.76	3.66	3.59	3.61	0.95
2.29	1.58	0.99	0.54	0.25	0.09	0.02	0.007	0	0	1.48	2.63	3.79	3.71	3.65	3.65	0.95
2.25	1.55	0.96	0.52	0.24	0.09	0.02	0.006	-0.001	0	2.13	2.56	3.8	3.69	3.64	3.66	0.95
2.22	1.51	0.93	0.5	0.23	0.08	0.02	0.007	0	0	2.47	2.38	3.77	3.69	3.62	3.68	0.95
2.18	1.49	0.92	0.49	0.23	0.08	0.02	0.009	0.001	0	2.58	2.45	3.79	3.7	3.64	3.66	0.95
2.15	1.46	0.9	0.49	0.22	0.08	0.02	0.01	0.003	0	2.4	2.44	3.73	3.64	3.59	3.57	0.95
2.13	1.45	0.89	0.48	0.22	0.09	0.03	0.01	0.004	0	1.71	2.42	3.71	3.66	3.57	3.55	0.95
2.11	1.44	0.89	0.48	0.22	0.09	0.03	0.01	0.005	0	2.27	2.19	3.71	3.64	3.58	3.54	0.95
2.1	1.43	0.89	0.48	0.22	0.09	0.03	0.01	0.005	0	2.48	2.02	3.71	3.64	3.56	3.54	0.96
2.1	1.43	0.89	0.48	0.22	0.09	0.03	0.01	0.005	0	2.09	2.32	3.71	3.66	3.58	3.57	0.96
2.1	1.44	0.89	0.49	0.23	0.09	0.03	0.01	0.004	0	1.61	2.24	3.72	3.67	3.61	3.57	0.97
2.11	1.44	0.9	0.49	0.23	0.09	0.03	0.01	0.004	0	1.76	1.97	3.73	3.67	3.61	3.6	0.97
2.12	1.46	0.91	0.5	0.23	0.09	0.03	0.01	0.003	0	1.85	2.28	3.74	3.67	3.61	3.6	0.98
2.13	1.47	0.92	0.51	0.24	0.09	0.03	0.01	0.003	0	1.44	2.46	3.75	3.68	3.62	3.59	0.98
2.16	1.5	0.95	0.52	0.25	0.1	0.03	0.01	0.004	0	1.82	2.28	3.75	3.68	3.62	3.6	0.99
2.19	1.53	0.97	0.54	0.25	0.1	0.03	0.01	0.004	0	1.49	2.25	3.73	3.67	3.61	3.59	0.99
2.22	1.56	1	0.56	0.26	0.1	0.03	0.01	0.005	0	2.11	2.39	3.74	3.67	3.62	3.58	1
2.25	1.6	1.03	0.58	0.28	0.11	0.04	0.02	0.006	0	2.17	2.49	3.75	3.68	3.61	3.58	1
2.29	1.64	1.06	0.6	0.29	0.11	0.04	0.02	0.007	0	1.97	2.6	3.75	3.66	3.64	3.58	1
2.34	1.68	1.1	0.63	0.3	0.12	0.04	0.02	0.007	0	1.6	2.56	3.76	3.68	3.64	3.58	1
2.38	1.73	1.13	0.65	0.31	0.12	0.04	0.02	0.007	0	2.15	2.35	3.75	3.69	3.65	3.57	1
2.42	1.77	1.16	0.67	0.31	0.12	0.04	0.02	0.006	0	2.31	2.43	3.75	3.69	3.65	3.56	1.01
2.46	1.81	1.19	0.68	0.32	0.12	0.04	0.02	0.005	0	2.12	2.2	3.74	3.66	3.64	3.57	1.01
2.5	1.84	1.22	0.69	0.32	0.12	0.04	0.02	0.003	0	1.84	2.32	3.74	3.69	3.63	3.56	1.01
2.53	1.87	1.24	0.7	0.32	0.12	0.03	0.01	0	0	1.65	2.42	3.77	3.68	3.68	3.57	1.01
2.56	1.89	1.25	0.71	0.32	0.11	0.03	0.01	-0.003	0	1.8	1.86	3.77	3.68	3.67	3.58	1.01
2.58	1.91	1.26	0.71	0.32	0.11	0.03	0.01	-0.005	0	1.94	2.08	3.76	3.69	3.66	3.59	1.01
2.61	1.93	1.27	0.71	0.32	0.11	0.02	0.01	-0.004	0	1.92	2.06	3.76	3.68	3.64	3.6	1.01
2.63	1.94	1.28	0.71	0.32	0.11	0.02	0.01	-0.004	0	1.56	2.48	3.74	3.68	3.66	3.55	1.02
2.64	1.96	1.28	0.71	0.31	0.1	0.02	0.01	-0.003	0	1.93	2.53	3.74	3.68	3.63	3.55	1.02
2.66	1.96	1.28	0.71	0.31	0.1	0.02	0.009	-0.002	0	1.54	2.26	3.74	3.66	3.63	3.58	1.02
2.67	1.96	1.28	0.7	0.3	0.1	0.02	0.008	-0.001	0	2.15	2.44	3.75	3.68	3.62	3.58	1.01
2.67	1.96	1.26	0.69	0.3	0.1	0.02	0.007	-0.001	0	2.25	2.59	3.73	3.69	3.61	3.57	1.01
2.66	1.94	1.25	0.68	0.29	0.1	0.02	0.006	0	0	1.79	2.54	3.74	3.68	3.61	3.56	1.01
2.64	1.91	1.22	0.66	0.28	0.09	0.02	0.005	0.001	0	2.24	2.22	3.75	3.68	3.62	3.56	1.01
2.61	1.88	1.19	0.64	0.27	0.09	0.01	0.005	0.001	0	2.47	2.48	3.76	3.68	3.66	3.57	1
2.57	1.84	1.16	0.62	0.27	0.09	0.01	0.004	0.002	0	2.15	2.34	3.75	3.66	3.65	3.57	1
2.52	1.79	1.12	0.6	0.26	0.09	0.01	0.004	0.002	0	1.87	2.12	3.73	3.67	3.61	3.55	1
2.47	1.74	1.08	0.58	0.25	0.09	0.01	0.004	0.002	0	2.51	2.29	3.71	3.66	3.59	3.57	0.99
2.41	1.68	1.05	0.56	0.25	0.09	0.01	0.004	0.003	0	2.45	2.07	3.72	3.66	3.61	3.57	0.99
2.35	1.63	1.01	0.55	0.25	0.09	0.01	0.004	0.003	0	2.02	2.33	3.74	3.67	3.6	3.57	0.99
2.28	1.58	0.98	0.53	0.24	0.09	0.02	0.005	0.003	0	1.89	2.42	3.74	3.68	3.64	3.6	0.99
2.22	1.52	0.95	0.52	0.24	0.09	0.02	0.005	0.003	0	2.32	2.41	3.75	3.69	3.65	3.61	0.98
2.15	1.48	0.92	0.51	0.24	0.09	0.02	0.006	0.002	0	2.25	2.34	3.75	3.69	3.65	3.6	0.98
2.09	1.43	0.9	0.5	0.24	0.09	0.02	0.007	0.002	0	1.78	2.2	3.75	3.66	3.63	3.58	0.98
2.03	1.39	0.88	0.49	0.25	0.09	0.02	0.008	0.001	0	1.87	2.34	3.72	3.65	3.62	3.58	0.98
1.99	1.36	0.86	0.49	0.25	0.09	0.02	0.008	0.001	0	2.09	2.42	3.72	3.67	3.6	3.54	0.98
1.95	1.34	0.85	0.49	0.25	0.09	0.02	0.009	0.001	0	1.78	2.13	3.73	3.66	3.59	3.56	0.98
1.92	1.32	0.84	0.49	0.25	0.09	0.02	0.009	0.001	0	1.86	2.17	3.75	3.66	3.62	3.55	0.98
1.9	1.3	0.83	0.48	0.24	0.09	0.02	0.009	0.001	0	2.3	2.2	3.75	3.67	3.64	3.55	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.89	1.29	0.83	0.48	0.24	0.09	0.02	0.008	0.001	0	2.38	2.3	3.74	3.67	3.66	3.56	0.98
1.88	1.28	0.82	0.47	0.23	0.09	0.02	0.007	0.002	0	1.93	2.33	3.73	3.68	3.64	3.59	0.98
1.88	1.28	0.81	0.47	0.22	0.08	0.01	0.006	0.002	0	2.3	2.32	3.74	3.69	3.63	3.6	0.98
1.88	1.27	0.81	0.46	0.22	0.08	0.01	0.006	0.003	0	2.51	2.48	3.74	3.66	3.62	3.62	0.98
1.88	1.27	0.8	0.46	0.21	0.08	0.01	0.005	0.003	0	2.12	2.5	3.73	3.69	3.61	3.59	0.98
1.87	1.27	0.8	0.45	0.21	0.07	0.01	0.005	0.003	0	2.16	2.52	3.74	3.68	3.63	3.56	0.99
1.87	1.26	0.8	0.45	0.21	0.07	0.01	0.004	0.003	0	2.47	2.45	3.74	3.68	3.64	3.59	0.99
1.86	1.26	0.8	0.45	0.21	0.07	0.01	0.004	0.003	0	2.2	2.57	3.73	3.68	3.61	3.56	0.99
1.85	1.25	0.79	0.45	0.21	0.07	0.01	0.004	0.002	0	1.97	2.61	3.73	3.68	3.62	3.56	0.99
1.83	1.25	0.79	0.45	0.21	0.07	0.01	0.005	0.002	0	2.3	2.37	3.74	3.66	3.58	3.55	0.99
1.81	1.24	0.79	0.45	0.21	0.07	0.01	0.005	0.002	0	1.96	2.27	3.77	3.68	3.61	3.56	0.98
1.8	1.23	0.78	0.45	0.21	0.07	0.01	0.005	0.001	0	2.11	2.02	3.76	3.69	3.61	3.59	0.98
1.78	1.22	0.78	0.45	0.21	0.07	0.01	0.005	0.001	0	2.28	1.67	3.76	3.69	3.61	3.6	0.98
1.76	1.21	0.78	0.45	0.22	0.08	0.02	0.006	0.001	0	1.52	1.63	3.75	3.7	3.61	3.59	0.98
1.74	1.2	0.77	0.45	0.22	0.08	0.02	0.006	0.001	0	2.37	2.38	3.75	3.68	3.62	3.58	0.98
1.73	1.2	0.77	0.45	0.22	0.08	0.02	0.006	0.001	0	2.38	2.51	3.74	3.66	3.61	3.58	0.97
1.73	1.19	0.77	0.45	0.22	0.08	0.02	0.007	0	0	1.88	2.26	3.72	3.66	3.61	3.56	0.97
1.74	1.2	0.77	0.45	0.22	0.08	0.02	0.007	0.001	0	2.17	1.57	3.73	3.67	3.61	3.57	0.97
1.77	1.21	0.78	0.45	0.22	0.08	0.02	0.007	0.001	0	2.32	2.26	3.76	3.67	3.61	3.6	0.97
1.81	1.24	0.8	0.46	0.22	0.08	0.02	0.007	0	0	2.15	2.26	3.75	3.68	3.61	3.58	0.97
1.86	1.27	0.82	0.47	0.23	0.09	0.02	0.007	0	0	1.99	2.21	3.76	3.68	3.62	3.61	0.97
1.93	1.32	0.84	0.48	0.23	0.09	0.02	0.007	0.001	0	2.39	1.52	3.76	3.68	3.62	3.63	0.97
2.01	1.38	0.88	0.5	0.24	0.09	0.02	0.007	0.001	0	2.27	1.95	3.76	3.69	3.64	3.61	0.97
2.11	1.45	0.93	0.53	0.25	0.09	0.02	0.007	0.001	0	1.48	1.76	3.75	3.67	3.63	3.57	0.97
2.21	1.53	0.98	0.56	0.26	0.1	0.02	0.007	0.001	0	2.15	2.28	3.74	3.67	3.62	3.58	0.97
2.33	1.63	1.05	0.59	0.28	0.1	0.02	0.007	0.002	0	1.69	2.11	3.74	3.67	3.6	3.57	0.97
2.44	1.72	1.12	0.63	0.3	0.11	0.02	0.006	0.003	0	1.79	2.14	3.74	3.67	3.58	3.57	0.97
2.55	1.82	1.18	0.67	0.32	0.11	0.03	0.006	0.003	0	2.02	2.39	3.74	3.67	3.6	3.59	0.97
2.66	1.92	1.26	0.72	0.34	0.12	0.03	0.006	0.004	0	1.81	2.56	3.74	3.68	3.59	3.58	0.97
2.77	2.02	1.34	0.77	0.36	0.13	0.03	0.006	0.005	0	2	2.54	3.75	3.68	3.6	3.63	0.97
2.87	2.12	1.41	0.82	0.38	0.14	0.03	0.007	0.005	0	2.24	2.38	3.75	3.69	3.61	3.59	0.98
2.96	2.21	1.49	0.87	0.41	0.15	0.03	0.008	0.006	0	2.12	1.95	3.75	3.69	3.63	3.62	0.98
3.04	2.29	1.56	0.92	0.44	0.16	0.04	0.009	0.006	0	1.8	2.25	3.76	3.7	3.62	3.62	0.98
3.1	2.36	1.62	0.97	0.47	0.17	0.04	0.01	0.006	0	2.32	2.17	3.75	3.68	3.62	3.63	0.98
3.15	2.42	1.68	1.01	0.49	0.18	0.04	0.01	0.006	0	2.17	2.14	3.74	3.68	3.61	3.6	0.98
3.19	2.47	1.73	1.05	0.52	0.2	0.05	0.01	0.006	0	1.86	2.24	3.74	3.68	3.59	3.6	0.98
3.22	2.51	1.78	1.09	0.54	0.21	0.05	0.01	0.006	0	2.47	2.09	3.73	3.68	3.62	3.59	0.98
3.25	2.55	1.82	1.13	0.57	0.22	0.06	0.01	0.006	0	2.42	2.27	3.74	3.68	3.6	3.57	0.98
3.28	2.58	1.85	1.16	0.59	0.23	0.06	0.01	0.007	0	1.65	2.13	3.73	3.67	3.6	3.56	0.99
3.3	2.61	1.89	1.19	0.61	0.24	0.06	0.02	0.007	0	2.44	2.27	3.74	3.65	3.58	3.54	0.99
3.33	2.64	1.91	1.21	0.62	0.25	0.07	0.02	0.008	0	2.63	2.2	3.74	3.67	3.59	3.56	0.99
3.35	2.67	1.94	1.23	0.64	0.25	0.07	0.02	0.008	0	2.35	2.15	3.74	3.69	3.61	3.59	0.99
3.36	2.68	1.95	1.24	0.64	0.26	0.07	0.02	0.008	0	1.99	2.24	3.76	3.7	3.65	3.61	1
3.38	2.7	1.97	1.25	0.65	0.26	0.07	0.02	0.008	0	2.45	2.21	3.77	3.7	3.66	3.61	1
3.38	2.71	1.98	1.26	0.66	0.27	0.07	0.02	0.008	0	2.62	2.29	3.77	3.72	3.66	3.64	1
3.39	2.71	1.98	1.27	0.67	0.27	0.08	0.02	0.007	0	2.4	2.05	3.77	3.71	3.64	3.64	1
3.38	2.71	1.99	1.28	0.68	0.28	0.08	0.02	0.006	0	1.56	2.09	3.75	3.68	3.62	3.6	1
3.38	2.71	1.99	1.29	0.69	0.28	0.08	0.02	0.004	0	2.25	2.08	3.73	3.66	3.6	3.56	1
3.38	2.71	1.99	1.29	0.69	0.29	0.08	0.02	0.003	0	2.49	2.22	3.72	3.67	3.6	3.56	1
3.37	2.71	1.99	1.29	0.7	0.3	0.09	0.03	0.002	0	2.55	2.2	3.71	3.66	3.6	3.56	1
3.38	2.71	1.99	1.29	0.7	0.3	0.09	0.03	0.001	0	2.31	2.11	3.72	3.66	3.59	3.56	1
3.38	2.71	2	1.29	0.7	0.3	0.09	0.03	0	0	1.81	2.24	3.72	3.67	3.63	3.56	1
3.39	2.72	2	1.29	0.7	0.3	0.09	0.02	0	0	2.6	2.43	3.75	3.67	3.64	3.57	1
3.4	2.72	2	1.29	0.7	0.3	0.09	0.02	-0.001	0	2.64	2.34	3.76	3.69	3.62	3.61	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.41	2.73	2	1.29	0.7	0.3	0.09	0.02	-0.001	0	2.39	2.29	3.75	3.7	3.62	3.6	1
3.42	2.73	2	1.29	0.7	0.3	0.09	0.02	-0.001	0	1.64	2.05	3.74	3.69	3.63	3.58	1
3.43	2.74	2	1.29	0.69	0.29	0.09	0.02	-0.001	0	2.51	2.33	3.76	3.68	3.61	3.6	1
3.43	2.74	2	1.29	0.69	0.29	0.09	0.02	-0.001	0	2.64	2.31	3.75	3.68	3.6	3.62	1
3.43	2.73	2	1.29	0.69	0.29	0.09	0.02	-0.001	0	2.44	2.38	3.74	3.7	3.6	3.61	0.99
3.43	2.73	2	1.29	0.69	0.29	0.09	0.02	0	0	2	2.12	3.75	3.69	3.61	3.6	0.99
3.42	2.72	1.99	1.28	0.69	0.29	0.09	0.02	0.001	0	2.51	2.23	3.74	3.68	3.63	3.58	0.98
3.41	2.71	1.99	1.28	0.69	0.3	0.09	0.02	0.002	0	2.65	2.3	3.75	3.68	3.61	3.55	0.98
3.39	2.7	1.98	1.28	0.69	0.3	0.09	0.03	0.002	0	2.22	2.37	3.74	3.67	3.6	3.58	0.97
3.38	2.69	1.97	1.27	0.69	0.3	0.1	0.03	0.002	0	2.2	2.52	3.72	3.66	3.59	3.56	0.96
3.36	2.67	1.95	1.26	0.68	0.3	0.1	0.03	0.002	0	2.58	2.45	3.71	3.66	3.58	3.54	0.96
3.35	2.66	1.94	1.25	0.68	0.29	0.1	0.03	0.001	0	2.58	2.35	3.72	3.65	3.6	3.56	0.95
3.34	2.64	1.93	1.24	0.67	0.29	0.1	0.03	0.001	0	2.15	2.18	3.72	3.66	3.6	3.55	0.95
3.33	2.63	1.91	1.23	0.66	0.29	0.1	0.03	0.001	0	1.81	2.34	3.73	3.66	3.62	3.58	0.94
3.32	2.61	1.89	1.21	0.65	0.29	0.1	0.03	0.001	0	2.38	2.25	3.74	3.66	3.62	3.58	0.94
3.31	2.59	1.87	1.2	0.65	0.28	0.1	0.03	0.001	0	2.47	2.42	3.74	3.68	3.67	3.59	0.94
3.29	2.57	1.85	1.18	0.64	0.28	0.1	0.03	0.001	0	2.27	2.29	3.74	3.67	3.63	3.6	0.94
3.27	2.54	1.83	1.16	0.63	0.28	0.1	0.03	0.001	0	1.74	2.06	3.73	3.67	3.62	3.59	0.93
3.24	2.52	1.8	1.15	0.62	0.28	0.1	0.03	0.001	0	2.34	2.43	3.74	3.65	3.59	3.56	0.93
3.22	2.5	1.78	1.13	0.62	0.28	0.1	0.03	0.003	0	2.35	2.52	3.73	3.65	3.58	3.54	0.93
3.21	2.48	1.76	1.12	0.61	0.28	0.1	0.03	0.005	0	1.83	2.41	3.72	3.66	3.6	3.54	0.93
3.19	2.46	1.74	1.11	0.61	0.28	0.11	0.04	0.007	0	2.07	2.16	3.74	3.67	3.61	3.54	0.93
3.18	2.44	1.73	1.1	0.6	0.28	0.11	0.04	0.008	0	2.23	1.92	3.73	3.65	3.62	3.56	0.93
3.74	2.9	2.06	1.29	0.69	0.3	0.1	0.03	0.003	0	2.04	2.28	3.75	3.69	3.65	3.63	0.98
3.7	2.85	2.01	1.25	0.67	0.29	0.1	0.03	0.002	0	2.9	2.33	3.76	3.68	3.68	3.6	0.98
3.65	2.81	1.97	1.22	0.65	0.29	0.1	0.03	0.002	0	3	2.56	3.76	3.68	3.66	3.61	0.97
3.61	2.76	1.93	1.19	0.64	0.29	0.11	0.04	0.008	0	2.81	2.6	3.74	3.67	3.64	3.58	0.96
3.57	2.72	1.89	1.17	0.63	0.29	0.12	0.05	0.01	0	2.07	2.16	3.71	3.65	3.6	3.54	0.96
3.54	2.69	1.86	1.14	0.61	0.29	0.12	0.05	0.01	0	2.76	1.75	3.7	3.65	3.58	3.54	0.95
3.52	2.66	1.82	1.11	0.6	0.28	0.12	0.05	0.02	0	2.83	1.99	3.7	3.62	3.6	3.52	0.95
3.51	2.63	1.79	1.08	0.58	0.27	0.12	0.05	0.02	0	2.8	1.92	3.69	3.62	3.6	3.5	0.95
3.5	2.59	1.75	1.05	0.56	0.26	0.11	0.05	0.02	0	2.66	2.31	3.71	3.65	3.59	3.52	0.94
3.49	2.56	1.71	1.02	0.54	0.26	0.11	0.05	0.02	0	2.02	2.56	3.73	3.68	3.61	3.59	0.94
3.47	2.53	1.68	1	0.52	0.25	0.11	0.05	0.01	0	2.9	2.51	3.77	3.7	3.66	3.63	0.94
3.44	2.49	1.64	0.97	0.51	0.24	0.1	0.05	0.01	0	2.96	2.37	3.79	3.71	3.66	3.63	0.94
3.4	2.45	1.61	0.95	0.5	0.23	0.1	0.05	0.01	0	2.6	2.5	3.76	3.7	3.64	3.6	0.94
3.36	2.4	1.57	0.93	0.48	0.23	0.1	0.05	0.01	0	2.34	2.38	3.73	3.68	3.63	3.57	0.94
3.3	2.35	1.54	0.91	0.47	0.22	0.09	0.05	0.01	0	2.7	2.16	3.72	3.66	3.59	3.54	0.93
3.24	2.3	1.5	0.88	0.46	0.21	0.09	0.04	0.01	0	2.69	2.29	3.71	3.63	3.6	3.54	0.93
3.17	2.25	1.47	0.86	0.45	0.2	0.08	0.04	0.01	0	2.56	2.13	3.71	3.62	3.58	3.54	0.93
3.11	2.2	1.43	0.84	0.44	0.19	0.08	0.03	0.009	0	1.77	2.19	3.72	3.66	3.59	3.53	0.93
3.05	2.16	1.4	0.82	0.42	0.18	0.07	0.03	0.006	0	2.44	2.39	3.72	3.68	3.61	3.54	0.93
3	2.11	1.37	0.8	0.41	0.17	0.06	0.02	0.003	0	2.57	2.55	3.71	3.68	3.6	3.57	0.93
2.94	2.07	1.34	0.79	0.4	0.17	0.05	0.02	0	0	2.38	2.21	3.73	3.69	3.6	3.56	0.93
2.9	2.03	1.32	0.77	0.39	0.16	0.05	0.01	-0.001	0	2.09	2.25	3.72	3.66	3.59	3.55	0.93
2.86	2	1.3	0.76	0.38	0.16	0.05	0.01	-0.001	0	2.29	2.26	3.71	3.65	3.6	3.55	0.93
2.82	1.97	1.28	0.75	0.38	0.15	0.05	0.01	0	0	2.57	2.25	3.71	3.64	3.6	3.56	0.93
2.8	1.95	1.27	0.74	0.37	0.15	0.05	0.01	-0.001	0	2.28	2.28	3.72	3.64	3.59	3.55	0.93
2.78	1.94	1.26	0.73	0.37	0.16	0.05	0.02	0.001	0	2.08	2.11	3.72	3.65	3.62	3.57	0.94
2.76	1.93	1.25	0.73	0.37	0.16	0.05	0.02	0.004	0	2.11	2.26	3.73	3.67	3.61	3.59	0.94
2.76	1.92	1.25	0.73	0.37	0.16	0.06	0.02	0.007	0	2.58	2.35	3.74	3.67	3.61	3.58	0.95
2.75	1.92	1.24	0.72	0.36	0.16	0.06	0.03	0.009	0	2.31	2.19	3.73	3.68	3.61	3.56	0.96
2.75	1.91	1.24	0.71	0.36	0.16	0.07	0.03	0.01	0	1.98	2.24	3.73	3.67	3.6	3.56	0.97
2.74	1.91	1.23	0.7	0.36	0.16	0.07	0.03	0.01	0	2.61	2.14	3.72	3.67	3.6	3.57	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.74	1.9	1.22	0.69	0.35	0.16	0.07	0.03	0.01	0	2.69	2.29	3.73	3.67	3.6	3.58	0.98
2.72	1.89	1.21	0.68	0.34	0.15	0.06	0.03	0.01	0	1.98	2.48	3.74	3.67	3.63	3.59	0.99
2.71	1.88	1.19	0.67	0.33	0.15	0.06	0.02	0.01	0	2.75	2.48	3.75	3.69	3.65	3.61	0.99
2.69	1.86	1.18	0.66	0.32	0.14	0.06	0.02	0.01	0	2.83	2.51	3.77	3.7	3.67	3.64	1
2.67	1.84	1.16	0.64	0.31	0.13	0.05	0.02	0.009	0	2.31	2.39	3.75	3.67	3.66	3.59	1
2.64	1.82	1.14	0.63	0.3	0.13	0.05	0.02	0.008	0	2.44	2.46	3.73	3.67	3.6	3.57	1
2.62	1.8	1.12	0.61	0.3	0.12	0.05	0.02	0.007	0	2.68	2.11	3.72	3.66	3.63	3.55	1.01
2.6	1.77	1.1	0.6	0.29	0.12	0.04	0.01	0.006	0	2.8	2.07	3.73	3.67	3.6	3.55	1.01
2.58	1.75	1.07	0.59	0.28	0.12	0.04	0.01	0.005	0	2.78	2.39	3.73	3.67	3.6	3.55	1.01
2.56	1.72	1.05	0.57	0.28	0.12	0.04	0.01	0.006	0	2.32	2.18	3.74	3.69	3.63	3.58	1.01
2.54	1.7	1.03	0.56	0.27	0.12	0.05	0.02	0.007	0	2.82	2.54	3.78	3.69	3.68	3.61	1.01
2.52	1.67	1.01	0.55	0.27	0.12	0.05	0.02	0.008	0	3.1	2.58	3.79	3.7	3.72	3.61	1.01
2.49	1.64	0.98	0.54	0.27	0.13	0.05	0.02	0.01	0	2.94	2.57	3.79	3.71	3.7	3.62	1.01
2.45	1.61	0.96	0.53	0.27	0.13	0.06	0.03	0.01	0	1.94	2.36	3.75	3.69	3.65	3.62	1.01
2.41	1.57	0.94	0.52	0.27	0.14	0.06	0.03	0.01	0	2.74	2.03	3.76	3.68	3.65	3.59	1.01
2.37	1.53	0.91	0.51	0.27	0.14	0.07	0.03	0.01	0	2.69	2.15	3.74	3.66	3.61	3.55	1.01
2.33	1.5	0.89	0.5	0.27	0.14	0.07	0.04	0.01	0	2.08	2.36	3.74	3.68	3.61	3.54	1.01
2.29	1.46	0.86	0.48	0.26	0.14	0.07	0.04	0.01	0	2.09	2.46	3.74	3.68	3.63	3.56	1.01
2.26	1.43	0.84	0.47	0.26	0.14	0.07	0.04	0.01	0	1.94	2.36	3.74	3.7	3.62	3.56	1.01
2.24	1.4	0.81	0.45	0.25	0.14	0.07	0.03	0.01	0	2.15	2.44	3.74	3.66	3.61	3.57	1.01
2.22	1.37	0.79	0.44	0.24	0.13	0.07	0.03	0.01	0	2.45	2.31	3.74	3.67	3.62	3.55	1.01
2.21	1.35	0.77	0.42	0.24	0.13	0.06	0.03	0.01	0	2.33	2.39	3.75	3.68	3.61	3.56	1
2.19	1.33	0.75	0.41	0.23	0.13	0.06	0.03	0.01	0	1.85	2.39	3.75	3.7	3.62	3.59	1
2.17	1.31	0.73	0.4	0.23	0.13	0.06	0.03	0.01	0	2.3	2.34	3.77	3.7	3.64	3.61	1
2.15	1.29	0.72	0.4	0.23	0.13	0.06	0.03	0.01	0	2.31	2.3	3.75	3.7	3.64	3.58	0.99
2.12	1.27	0.72	0.4	0.23	0.13	0.06	0.02	0.009	0	1.84	2.28	3.74	3.68	3.61	3.55	0.99
2.09	1.26	0.72	0.4	0.23	0.13	0.06	0.02	0.009	0	1.69	2.25	3.72	3.66	3.58	3.55	0.99
2.06	1.25	0.72	0.41	0.23	0.13	0.06	0.02	0.008	0	1.98	2.06	3.71	3.63	3.58	3.54	0.99
2.03	1.25	0.72	0.41	0.24	0.13	0.06	0.03	0.008	0	2.12	2.04	3.71	3.63	3.6	3.54	0.99
2.01	1.24	0.73	0.42	0.24	0.13	0.06	0.03	0.009	0	2.06	2.4	3.7	3.65	3.59	3.56	0.99
1.98	1.24	0.74	0.43	0.25	0.13	0.06	0.02	0.008	0	2.42	2.45	3.75	3.67	3.6	3.57	0.99
1.96	1.24	0.75	0.44	0.25	0.13	0.06	0.02	0.008	0	2.45	2.42	3.75	3.69	3.62	3.58	0.99
1.94	1.24	0.76	0.45	0.25	0.13	0.05	0.02	0.007	0	2.12	2.44	3.76	3.7	3.65	3.61	0.99
1.93	1.24	0.76	0.45	0.26	0.13	0.05	0.02	0.007	0	2.03	2.38	3.78	3.69	3.65	3.6	1
1.91	1.24	0.77	0.46	0.26	0.13	0.06	0.02	0.008	0	2.49	2.24	3.77	3.69	3.67	3.62	1
1.9	1.24	0.78	0.47	0.27	0.13	0.06	0.02	0.008	0	2.67	1.8	3.75	3.67	3.66	3.59	1
1.89	1.25	0.79	0.47	0.27	0.14	0.06	0.03	0.008	0	2.69	2.11	3.76	3.67	3.64	3.59	1
1.88	1.25	0.79	0.48	0.27	0.14	0.06	0.03	0.008	0	2.38	2.47	3.76	3.67	3.63	3.6	1
1.87	1.25	0.8	0.49	0.27	0.14	0.06	0.03	0.008	0	2.37	2.18	3.75	3.69	3.65	3.6	1
1.86	1.25	0.81	0.49	0.28	0.14	0.06	0.03	0.008	0	2.85	2.35	3.76	3.7	3.67	3.59	1
1.85	1.25	0.81	0.5	0.28	0.14	0.06	0.03	0.009	0	2.74	2.37	3.75	3.69	3.65	3.58	1
1.83	1.24	0.81	0.5	0.29	0.15	0.07	0.03	0.01	0	2.04	2.45	3.75	3.68	3.62	3.58	1
1.82	1.24	0.82	0.51	0.29	0.15	0.07	0.03	0.01	0	2.36	2.41	3.73	3.69	3.59	3.55	1
1.8	1.24	0.82	0.51	0.3	0.16	0.08	0.03	0.01	0	2.62	2.45	3.74	3.67	3.59	3.58	1
1.79	1.24	0.83	0.52	0.3	0.16	0.08	0.04	0.01	0	2.54	2.23	3.74	3.67	3.59	3.57	1
1.77	1.23	0.83	0.53	0.31	0.17	0.08	0.04	0.01	0	2.12	2.34	3.74	3.69	3.59	3.6	1
1.75	1.23	0.83	0.53	0.31	0.17	0.08	0.04	0.01	0	1.91	2.34	3.74	3.68	3.61	3.57	1
1.74	1.22	0.84	0.54	0.32	0.17	0.08	0.04	0.01	0	2.49	2.14	3.75	3.68	3.63	3.57	1
1.73	1.22	0.84	0.54	0.32	0.17	0.08	0.04	0.01	0	2.49	2.36	3.74	3.68	3.64	3.57	1
1.72	1.22	0.84	0.55	0.32	0.17	0.08	0.04	0.01	0	1.9	2.16	3.74	3.67	3.64	3.61	1
1.72	1.22	0.84	0.55	0.33	0.17	0.08	0.04	0.01	0	2.32	2.13	3.73	3.66	3.61	3.56	1
1.73	1.23	0.85	0.56	0.33	0.17	0.08	0.03	0.01	0	2.48	2.3	3.73	3.65	3.61	3.55	1
1.75	1.24	0.86	0.56	0.33	0.17	0.08	0.03	0.008	0	2.28	2.34	3.73	3.66	3.62	3.56	1
1.78	1.26	0.88	0.57	0.34	0.18	0.08	0.03	0.007	0	2.13	2.39	3.73	3.68	3.6	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.81	1.29	0.89	0.58	0.34	0.18	0.07	0.03	0.006	0	1.92	2.19	3.73	3.68	3.59	3.57	1
1.86	1.32	0.91	0.59	0.35	0.18	0.07	0.03	0.006	0	2.01	2.02	3.73	3.67	3.61	3.57	1
1.91	1.36	0.94	0.61	0.35	0.18	0.07	0.03	0.006	0	2.14	2.19	3.75	3.67	3.65	3.57	1
1.97	1.4	0.96	0.62	0.36	0.19	0.07	0.02	0.006	0	1.94	2.36	3.75	3.67	3.65	3.6	1.01
2.03	1.44	0.99	0.63	0.37	0.19	0.07	0.02	0.006	0	2.53	2.31	3.76	3.69	3.65	3.58	1.01
2.09	1.49	1.02	0.65	0.38	0.19	0.07	0.02	0.006	0	2.35	2.49	3.77	3.67	3.65	3.58	1.01
2.16	1.55	1.06	0.67	0.39	0.2	0.08	0.02	0.007	0	1.67	2.49	3.75	3.67	3.62	3.59	1.01
2.24	1.6	1.09	0.69	0.4	0.2	0.08	0.02	0.007	0	2.28	2.21	3.74	3.68	3.62	3.6	1.01
2.31	1.66	1.13	0.72	0.41	0.21	0.08	0.02	0.007	0	2.49	2.17	3.75	3.68	3.64	3.54	1.01
2.38	1.72	1.17	0.74	0.42	0.21	0.08	0.03	0.007	0	2.07	2.37	3.76	3.68	3.64	3.57	1.01
2.45	1.78	1.22	0.77	0.44	0.22	0.08	0.03	0.007	0	2.45	2.41	3.78	3.69	3.62	3.59	1.01
2.52	1.84	1.27	0.81	0.46	0.23	0.09	0.03	0.007	0	2.43	2.13	3.77	3.69	3.63	3.6	1.01
2.6	1.91	1.33	0.85	0.49	0.24	0.1	0.03	0.007	0	1.68	2.33	3.75	3.68	3.63	3.59	1.01
2.67	1.98	1.39	0.89	0.51	0.26	0.1	0.04	0.008	0	2.42	2.5	3.75	3.67	3.61	3.54	1.01
2.75	2.06	1.45	0.94	0.55	0.28	0.11	0.04	0.008	0	2.35	2.25	3.73	3.66	3.61	3.55	1.01
2.83	2.14	1.52	0.99	0.58	0.29	0.12	0.04	0.009	0	2.05	2.34	3.72	3.67	3.63	3.54	1.01
2.92	2.23	1.6	1.05	0.62	0.31	0.12	0.04	0.009	0	1.8	2.37	3.73	3.68	3.63	3.54	1.01
3.02	2.33	1.69	1.12	0.65	0.33	0.13	0.05	0.009	0	1.66	2.41	3.73	3.68	3.61	3.57	1.01
3.12	2.43	1.78	1.19	0.7	0.35	0.14	0.05	0.01	0	2.2	2.49	3.73	3.68	3.62	3.59	1.01
3.23	2.53	1.87	1.26	0.74	0.37	0.14	0.05	0.01	0	2.37	2.3	3.76	3.69	3.64	3.59	1
3.33	2.64	1.96	1.33	0.78	0.39	0.15	0.05	0.01	0	2.17	2.12	3.77	3.69	3.63	3.6	1
3.43	2.74	2.06	1.4	0.83	0.41	0.16	0.05	0.01	0	2.03	2.04	3.75	3.68	3.61	3.6	1
3.52	2.84	2.15	1.48	0.88	0.43	0.16	0.05	0.01	0	2.48	2.25	3.75	3.69	3.62	3.62	0.99
3.6	2.93	2.24	1.56	0.93	0.45	0.17	0.05	0.01	0	2.26	2.5	3.74	3.69	3.61	3.61	0.98
3.68	3.02	2.33	1.63	0.98	0.48	0.18	0.06	0.01	0	2.01	2.35	3.73	3.67	3.62	3.59	0.97
3.75	3.1	2.42	1.71	1.04	0.51	0.19	0.06	0.01	0	2.44	2.28	3.73	3.67	3.61	3.57	0.96
3.81	3.18	2.5	1.78	1.09	0.54	0.2	0.06	0.01	0	2.34	1.97	3.74	3.67	3.6	3.53	0.96
3.87	3.25	2.58	1.85	1.14	0.56	0.21	0.07	0.01	0	1.9	1.93	3.72	3.66	3.61	3.54	0.95
3.92	3.31	2.64	1.91	1.18	0.58	0.21	0.07	0.02	0	2.03	1.87	3.72	3.66	3.59	3.55	0.94
3.97	3.36	2.7	1.96	1.21	0.6	0.22	0.07	0.02	0	2.49	2.27	3.73	3.67	3.61	3.56	0.94
4	3.4	2.74	2	1.24	0.62	0.23	0.07	0.02	0	2.45	2.36	3.73	3.66	3.6	3.57	0.93
4.01	3.42	2.76	2.02	1.26	0.62	0.23	0.08	0.02	0	1.97	2.22	3.74	3.67	3.59	3.58	0.93
4.02	3.44	2.78	2.03	1.27	0.63	0.23	0.08	0.02	0	2.44	2.48	3.74	3.69	3.62	3.6	0.92
4.03	3.45	2.79	2.05	1.28	0.63	0.24	0.08	0.02	0	2.7	2.47	3.73	3.67	3.63	3.58	0.92
4.03	3.45	2.8	2.06	1.29	0.64	0.24	0.08	0.02	0	2.47	2.37	3.74	3.67	3.6	3.57	0.92
4.04	3.46	2.81	2.06	1.29	0.64	0.24	0.08	0.01	0	2.22	2.33	3.7	3.64	3.55	3.55	0.92
4.05	3.47	2.81	2.07	1.29	0.64	0.24	0.07	0.01	0	2.67	2.01	3.68	3.64	3.56	3.5	0.92
4.07	3.48	2.82	2.07	1.29	0.64	0.24	0.07	0.01	0	2.55	2.04	3.7	3.63	3.56	3.52	0.92
4.09	3.49	2.82	2.06	1.29	0.64	0.24	0.07	0.01	0	1.96	2.44	3.7	3.65	3.59	3.55	0.93
4.11	3.5	2.82	2.06	1.28	0.64	0.24	0.07	0.01	0	2.64	2.5	3.72	3.67	3.6	3.57	0.94
4.14	3.52	2.82	2.05	1.27	0.63	0.24	0.07	0.01	0	2.75	2.43	3.74	3.67	3.64	3.59	0.95
4.17	3.53	2.82	2.04	1.26	0.63	0.24	0.07	0.01	0	2.37	2.28	3.74	3.68	3.64	3.61	0.96
4.2	3.54	2.82	2.03	1.25	0.62	0.24	0.07	0.01	0	2.21	2.23	3.76	3.69	3.6	3.64	0.97
4.22	3.55	2.82	2.02	1.24	0.62	0.24	0.07	0.02	0	2.6	2.18	3.76	3.7	3.61	3.6	0.98
4.23	3.55	2.81	2.01	1.23	0.61	0.24	0.07	0.02	0	2.63	2.36	3.78	3.67	3.61	3.62	0.99
4.24	3.55	2.8	1.99	1.22	0.61	0.24	0.07	0.01	0	2.58	1.98	3.77	3.69	3.6	3.6	1
4.24	3.55	2.79	1.98	1.21	0.61	0.24	0.08	0.01	0	1.72	1.64	3.75	3.69	3.61	3.6	1.01
4.23	3.54	2.77	1.97	1.2	0.61	0.25	0.08	0.01	0	2.32	2.09	3.75	3.7	3.63	3.6	1.01
4.23	3.53	2.76	1.96	1.2	0.61	0.25	0.08	0.01	0	2.48	2.55	3.74	3.69	3.63	3.62	1.01
4.22	3.52	2.76	1.95	1.2	0.62	0.26	0.09	0.01	0	2.43	2.35	3.74	3.7	3.61	3.58	1.02
4.22	3.52	2.75	1.95	1.2	0.63	0.27	0.09	0.02	0	1.97	2.32	3.74	3.69	3.64	3.58	1.02
4.22	3.51	2.74	1.95	1.21	0.64	0.28	0.1	0.02	0	1.8	2.15	3.73	3.67	3.63	3.61	1.02
4.21	3.51	2.74	1.95	1.21	0.65	0.29	0.1	0.02	0	2.29	2.12	3.74	3.67	3.62	3.59	1.02
4.21	3.5	2.73	1.94	1.22	0.66	0.3	0.11	0.02	0	2.41	2.25	3.75	3.68	3.6	3.58	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.21	3.5	2.73	1.94	1.22	0.66	0.3	0.11	0.02	0	2.2	2.4	3.74	3.68	3.61	3.58	1.02
4.21	3.5	2.73	1.95	1.23	0.67	0.31	0.11	0.02	0	2.08	2.24	3.74	3.68	3.62	3.57	1.02
4.21	3.5	2.73	1.95	1.23	0.68	0.31	0.12	0.02	0	2.44	2.26	3.75	3.69	3.61	3.59	1.02
4.21	3.5	2.73	1.96	1.24	0.69	0.32	0.12	0.02	0	2.33	2.25	3.75	3.68	3.62	3.6	1.02
4.21	3.5	2.74	1.97	1.26	0.7	0.33	0.13	0.03	0	1.78	2.45	3.74	3.67	3.62	3.58	1.01
4.21	3.5	2.74	1.98	1.27	0.72	0.34	0.13	0.03	0	2.28	2.29	3.75	3.66	3.63	3.61	1.01
4.21	3.51	2.75	1.99	1.29	0.73	0.35	0.14	0.03	0	2.5	2.06	3.74	3.67	3.62	3.59	1
4.21	3.51	2.76	2	1.31	0.75	0.36	0.14	0.03	0	2.51	2.3	3.74	3.69	3.62	3.56	1
4.22	3.52	2.77	2.02	1.33	0.77	0.37	0.15	0.03	0	1.97	2.21	3.73	3.69	3.61	3.57	0.99
4.22	3.53	2.78	2.04	1.35	0.79	0.38	0.16	0.04	0	2.37	2.46	3.73	3.67	3.62	3.56	0.99
4.23	3.54	2.8	2.06	1.37	0.8	0.39	0.16	0.04	0	2.62	2.4	3.73	3.67	3.64	3.57	0.99
4.25	3.56	2.82	2.08	1.39	0.82	0.4	0.17	0.04	0	2.53	2.34	3.73	3.66	3.62	3.58	0.98
4.27	3.58	2.84	2.11	1.41	0.84	0.42	0.17	0.05	0	1.95	2.4	3.72	3.66	3.59	3.56	0.98
4.3	3.61	2.87	2.13	1.44	0.86	0.43	0.18	0.05	0	2.44	2.37	3.71	3.64	3.59	3.56	0.98
4.33	3.64	2.9	2.16	1.46	0.88	0.44	0.18	0.05	0	2.52	2.32	3.72	3.65	3.6	3.55	0.98
4.37	3.67	2.93	2.19	1.48	0.89	0.45	0.19	0.05	0	2.3	2.18	3.73	3.68	3.61	3.55	0.98
4.4	3.7	2.96	2.22	1.51	0.91	0.47	0.19	0.05	0	2.07	2.3	3.72	3.67	3.63	3.57	0.98
4.44	3.73	2.99	2.24	1.53	0.93	0.48	0.2	0.06	0	2.22	2.2	3.75	3.7	3.63	3.59	0.98
4.46	3.76	3.02	2.27	1.55	0.95	0.49	0.21	0.06	0	2.33	2.24	3.76	3.69	3.63	3.61	0.98
4.47	3.78	3.04	2.29	1.58	0.97	0.5	0.21	0.06	0	2.32	2.28	3.75	3.7	3.64	3.63	0.98
4.48	3.79	3.06	2.32	1.6	0.99	0.52	0.22	0.06	0	1.57	2.3	3.76	3.7	3.62	3.61	0.98
4.48	3.8	3.08	2.34	1.63	1.02	0.54	0.23	0.07	0	2.26	2.5	3.74	3.69	3.61	3.59	0.98
4.48	3.8	3.1	2.37	1.67	1.05	0.55	0.24	0.07	0	2.51	2.33	3.74	3.67	3.61	3.58	0.98
4.47	3.81	3.12	2.41	1.7	1.08	0.58	0.26	0.07	0	2.42	2.07	3.71	3.66	3.61	3.54	0.99
4.46	3.82	3.15	2.45	1.75	1.12	0.61	0.27	0.08	0	2.05	2.15	3.71	3.64	3.59	3.54	0.99
4.46	3.84	3.18	2.49	1.8	1.16	0.63	0.29	0.08	0	2.13	2.38	3.72	3.65	3.61	3.55	0.99
4.47	3.86	3.22	2.54	1.85	1.2	0.66	0.31	0.09	0	2.56	2.43	3.71	3.66	3.59	3.56	0.99
4.49	3.89	3.26	2.59	1.9	1.25	0.69	0.32	0.09	0	2.73	2.48	3.73	3.66	3.6	3.57	0.99
4.5	3.92	3.3	2.64	1.95	1.29	0.72	0.34	0.1	0	2.38	2.48	3.73	3.68	3.62	3.56	1
4.52	3.94	3.34	2.69	2	1.33	0.75	0.36	0.1	0	1.66	2.2	3.73	3.69	3.61	3.56	1
4.53	3.96	3.37	2.73	2.04	1.37	0.78	0.38	0.11	0	2.53	2.33	3.75	3.69	3.62	3.6	1
4.54	3.97	3.39	2.76	2.08	1.4	0.8	0.39	0.11	0	2.63	2.34	3.78	3.69	3.61	3.62	1
4.53	3.97	3.4	2.79	2.11	1.43	0.83	0.4	0.12	0	2.57	2.08	3.79	3.71	3.64	3.67	1
4.5	3.96	3.41	2.81	2.14	1.47	0.85	0.42	0.13	0	2.46	2.4	3.77	3.7	3.65	3.64	1
4.47	3.94	3.4	2.82	2.17	1.5	0.88	0.43	0.13	0	1.93	2.52	3.76	3.69	3.63	3.62	1
4.44	3.93	3.4	2.84	2.2	1.53	0.9	0.45	0.14	0	2.14	2.44	3.75	3.68	3.63	3.61	1
4.41	3.9	3.4	2.85	2.23	1.56	0.93	0.47	0.15	0	2.35	2.29	3.75	3.66	3.6	3.58	1
4.38	3.88	3.39	2.86	2.25	1.58	0.95	0.48	0.16	0	2.42	2.3	3.73	3.65	3.62	3.59	0.99
4.35	3.87	3.38	2.86	2.26	1.61	0.98	0.5	0.16	0	1.89	1.94	3.71	3.65	3.61	3.58	0.99
4.34	3.86	3.38	2.87	2.28	1.62	0.99	0.51	0.17	0	2.02	2.15	3.73	3.66	3.59	3.54	0.99
4.33	3.85	3.38	2.87	2.28	1.64	1.01	0.52	0.17	0	1.93	2.35	3.73	3.66	3.61	3.53	0.98
4.33	3.85	3.37	2.86	2.29	1.65	1.02	0.53	0.18	0	2.51	2.32	3.7	3.66	3.59	3.56	0.98
4.33	3.85	3.37	2.86	2.29	1.66	1.03	0.54	0.18	0	2.71	2.55	3.73	3.67	3.6	3.58	0.98
4.33	3.85	3.36	2.85	2.29	1.66	1.04	0.54	0.19	0	2.41	2.56	3.76	3.68	3.64	3.59	0.97
4.32	3.84	3.35	2.85	2.29	1.67	1.05	0.55	0.19	0	2.5	2.32	3.76	3.68	3.66	3.6	0.97
4.31	3.82	3.34	2.84	2.29	1.68	1.06	0.56	0.19	0	2.85	2.48	3.76	3.69	3.69	3.62	0.97
4.29	3.81	3.33	2.83	2.29	1.69	1.07	0.57	0.2	0	2.79	2.57	3.76	3.68	3.65	3.62	0.97
4.27	3.79	3.32	2.83	2.3	1.7	1.09	0.58	0.21	0	2.18	2.28	3.74	3.67	3.64	3.6	0.97
4.25	3.78	3.32	2.83	2.3	1.71	1.1	0.6	0.21	0	2.42	2.11	3.72	3.67	3.62	3.58	0.97
4.23	3.76	3.31	2.83	2.31	1.72	1.11	0.61	0.22	0	2.45	2	3.71	3.64	3.57	3.54	0.96
4.22	3.76	3.31	2.83	2.31	1.72	1.12	0.61	0.22	0	2.47	2.17	3.7	3.64	3.59	3.52	0.96
4.22	3.75	3.3	2.83	2.31	1.73	1.13	0.62	0.22	0	2.38	2.44	3.71	3.64	3.58	3.53	0.96
4.22	3.76	3.3	2.83	2.31	1.74	1.14	0.63	0.23	0	2.15	2.38	3.73	3.67	3.59	3.56	0.96
4.23	3.76	3.31	2.83	2.32	1.74	1.15	0.63	0.23	0	1.67	2.2	3.73	3.68	3.6	3.58	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.24	3.77	3.31	2.83	2.32	1.75	1.16	0.64	0.24	0	2	2.25	3.73	3.67	3.61	3.59	0.96
4.24	3.77	3.31	2.84	2.32	1.76	1.17	0.65	0.24	0	2.17	2.62	3.74	3.68	3.61	3.59	0.96
4.25	3.77	3.31	2.84	2.33	1.77	1.18	0.66	0.24	0	1.91	2.49	3.74	3.67	3.6	3.61	0.96
4.25	3.77	3.31	2.84	2.34	1.78	1.19	0.67	0.25	0	2.22	2.33	3.73	3.65	3.59	3.6	0.96
4.25	3.77	3.32	2.84	2.34	1.79	1.21	0.68	0.25	0	2.22	2.03	3.71	3.65	3.59	3.56	0.96
4.25	3.78	3.32	2.85	2.35	1.8	1.22	0.69	0.26	0	2.09	2.2	3.71	3.65	3.58	3.54	0.96
4.25	3.78	3.32	2.86	2.36	1.82	1.24	0.71	0.27	0	1.72	2.31	3.71	3.65	3.6	3.55	0.97
4.26	3.79	3.33	2.86	2.38	1.84	1.26	0.72	0.28	0	1.69	2.05	3.72	3.64	3.61	3.54	0.97
4.27	3.8	3.34	2.87	2.39	1.85	1.27	0.74	0.28	0	2.25	2.35	3.72	3.64	3.62	3.56	0.98
4.29	3.81	3.35	2.89	2.4	1.87	1.29	0.75	0.29	0	2.25	2.28	3.73	3.65	3.63	3.57	0.99
4.31	3.82	3.36	2.9	2.41	1.89	1.31	0.77	0.3	0	2.01	2.32	3.76	3.67	3.63	3.57	0.99
4.32	3.84	3.37	2.91	2.43	1.9	1.33	0.78	0.31	0	1.99	2.48	3.75	3.69	3.64	3.58	1
4.34	3.85	3.38	2.92	2.44	1.92	1.35	0.8	0.32	0	1.78	2.38	3.76	3.7	3.69	3.6	1.01
4.35	3.86	3.39	2.93	2.45	1.93	1.37	0.82	0.33	0	1.88	2.35	3.76	3.7	3.64	3.62	1.01
4.36	3.87	3.39	2.93	2.46	1.95	1.38	0.83	0.34	0	1.83	2.17	3.77	3.69	3.66	3.59	1.01
4.36	3.87	3.4	2.94	2.47	1.96	1.4	0.85	0.36	0	2.22	2.12	3.76	3.69	3.67	3.6	1.01
4.35	3.87	3.4	2.94	2.48	1.97	1.41	0.86	0.37	0	2.02	2.42	3.75	3.69	3.66	3.59	1.01
4.34	3.87	3.4	2.95	2.49	1.98	1.43	0.88	0.38	0	2.15	2.3	3.74	3.69	3.62	3.59	1.01
4.34	3.87	3.41	2.96	2.5	1.99	1.44	0.89	0.39	0	2.05	1.79	3.76	3.68	3.6	3.58	1.01
4.33	3.87	3.41	2.96	2.5	2	1.45	0.9	0.39	0	2.18	2.38	3.75	3.67	3.62	3.58	1.01
4.33	3.87	3.42	2.96	2.5	2.01	1.45	0.9	0.4	0	1.74	2.57	3.74	3.67	3.61	3.55	1.01
4.33	3.87	3.42	2.97	2.5	2.01	1.45	0.9	0.4	0	1.93	2.55	3.73	3.66	3.59	3.53	1.01
4.34	3.87	3.42	2.97	2.5	2.01	1.46	0.91	0.4	0	1.83	2.36	3.72	3.67	3.59	3.58	1.01
4.34	3.88	3.42	2.97	2.5	2	1.45	0.91	0.4	0	2.25	2.49	3.75	3.68	3.63	3.57	1
4.35	3.89	3.42	2.97	2.5	2	1.45	0.91	0.4	0	2.17	2.57	3.75	3.69	3.62	3.57	1
4.36	3.89	3.42	2.97	2.5	2	1.46	0.91	0.4	0	1.85	2.35	3.75	3.68	3.61	3.6	1
4.36	3.89	3.42	2.96	2.5	2	1.46	0.91	0.4	0	2.41	2.1	3.74	3.69	3.62	3.59	0.99
4.35	3.88	3.42	2.96	2.49	2	1.46	0.91	0.4	0	2.72	2.24	3.75	3.67	3.6	3.6	0.99
4.34	3.87	3.41	2.95	2.49	2	1.46	0.92	0.4	0	2.54	2.14	3.73	3.68	3.6	3.56	0.98
4.33	3.86	3.4	2.95	2.49	1.99	1.46	0.92	0.4	0	1.94	2.14	3.73	3.67	3.62	3.55	0.98
4.32	3.86	3.4	2.95	2.48	1.99	1.46	0.92		7	2.58	2.41	3.73	3.69	3.64	3.58	0.97
4.33	3.86	3.4	2.95	2.48	1.99	1.46	0.92	0.4	0	2.66	2.43	3.72	3.66	3.61	3.57	0.97
4.34	3.87	3.4	2.95	2.48	1.99	1.46	0.92	0.41	0	2.09	2.37	3.7	3.63	3.57	3.55	0.97
4.36	3.89	3.42	2.95	2.49	1.99	1.46	0.93	0.41	0	2.54	2.24	3.68	3.61	3.56	3.52	0.97
4.4	3.91	3.43	2.96	2.49	2	1.46	0.93	0.41	0	2.61	2.31	3.68	3.64	3.56	3.52	0.97
4.44	3.94	3.45	2.97	2.5	2	1.47	0.93	0.41	0	2.3	2.22	3.71	3.66	3.58	3.54	0.97
4.47	3.97	3.47	2.98	2.5	2	1.47	0.94	0.42	0	2.42	2.62	3.73	3.69	3.59	3.6	0.98
4.51	4	3.49	3	2.52	2.02	1.48	0.95	0.43	0	2.73	2.65	3.76	3.69	3.67	3.64	0.98
4.54	4.02	3.51	3.02	2.54	2.03	1.5	0.96	0.43	0	2.72	2.37	3.76	3.7	3.68	3.63	0.98
4.56	4.05	3.54	3.05	2.56	2.05	1.51	0.96	0.44	0	2.14	2.41	3.78	3.71	3.65	3.63	0.99
4.58	4.07	3.56	3.07	2.58	2.07	1.52	0.97	0.44	0	2.22	2.35	3.76	3.69	3.63	3.6	0.99
4.6	4.09	3.59	3.1	2.6	2.09	1.53	0.98	0.44	0	2.46	2.27	3.74	3.69	3.63	3.58	0.99
4.61	4.11	3.62	3.13	2.63	2.1	1.54	0.98	0.44	0	2.43	2	3.73	3.67	3.62	3.54	1
4.63	4.13	3.64	3.15	2.64	2.12	1.55	0.99	0.44	0	2.17	2.13	3.73	3.65	3.62	3.54	1
4.66	4.16	3.66	3.17	2.66	2.13	1.55	0.99	0.44	0	2.47	2.16	3.7	3.65	3.58	3.55	1.01
4.69	4.19	3.69	3.19	2.67	2.14	1.56	0.99	0.44	0	2.48	2.24	3.74	3.66	3.6	3.56	1.01
4.73	4.22	3.71	3.2	2.68	2.14	1.56	0.99	0.44	0	2.13	2.11	3.74	3.68	3.6	3.58	1.01
4.77	4.25	3.73	3.21	2.68	2.15	1.57	0.99	0.44	0	2.35	2.29	3.76	3.69	3.62	3.58	1.02
5.66	4.91	4.04	3.08	2.08	1.19	0.55	0.21	0.06	0	1.73	2.35	3.73	3.67	3.59	3.56	0.95
5.67	4.92	4.05	3.09	2.08	1.18	0.54	0.21	0.05	0	2.07	2.19	3.74	3.66	3.6	3.53	0.95
5.67	4.92	4.06	3.09	2.08	1.17	0.53	0.21	0.05	0	2.35	1.94	3.74	3.66	3.62	3.57	0.95
5.67	4.92	4.06	3.09	2.08	1.16	0.53	0.21	0.05	0	1.8	2.34	3.75	3.67	3.64	3.6	0.95
5.66	4.91	4.05	3.08	2.06	1.16	0.52	0.2	0.05	0	2.01	2.5	3.76	3.68	3.62	3.59	0.95
5.64	4.9	4.04	3.07	2.05	1.14	0.52	0.2	0.05	0	1.97	2.45	3.74	3.68	3.63	3.57	0.95

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.61	4.86	4.01	3.04	2.03	1.13	0.51	0.2	0.05	0	1.84	2.46	3.76	3.68	3.63	3.56	0.95
5.57	4.82	3.97	3.01	2	1.11	0.5	0.2	0.05	0	2.31	2.22	3.74	3.68	3.61	3.57	0.95
5.52	4.77	3.92	2.96	1.96	1.08	0.48	0.19	0.05	0	1.91	2.36	3.73	3.67	3.6	3.58	0.95
5.47	4.72	3.86	2.91	1.92	1.06	0.47	0.18	0.05	0	2.16	2.36	3.72	3.67	3.57	3.55	0.95
5.42	4.66	3.8	2.85	1.87	1.02	0.46	0.18	0.04	0	2.46	2.09	3.71	3.66	3.57	3.54	0.95
5.39	4.61	3.73	2.78	1.81	0.99	0.44	0.17	0.04	0	2.35	1.96	3.72	3.68	3.6	3.55	0.94
5.35	4.55	3.66	2.71	1.76	0.96	0.43	0.16	0.04	0	1.46	1.71	3.72	3.67	3.61	3.54	0.94
5.31	4.49	3.59	2.64	1.7	0.92	0.41	0.16	0.04	0	2.31	2.14	3.74	3.68	3.62	3.57	0.94
5.27	4.42	3.51	2.56	1.64	0.89	0.4	0.15	0.04	0	2.27	2.23	3.77	3.69	3.61	3.59	0.94
5.21	4.35	3.42	2.48	1.58	0.85	0.38	0.15	0.03	0	1.5	2.26	3.76	3.68	3.62	3.6	0.94
5.15	4.27	3.33	2.4	1.52	0.82	0.37	0.14	0.03	0	2.33	2.21	3.75	3.67	3.61	3.6	0.94
5.07	4.17	3.24	2.32	1.47	0.8	0.36	0.14	0.03	0	2.42	2.34	3.73	3.65	3.6	3.6	0.94
4.99	4.08	3.15	2.24	1.42	0.77	0.35	0.13	0.03	0	1.6	2.44	3.73	3.67	3.59	3.6	0.94
4.92	3.99	3.06	2.16	1.37	0.74	0.34	0.13	0.03	0	2.04	2	3.72	3.67	3.59	3.57	0.93
4.85	3.91	2.98	2.09	1.32	0.72	0.32	0.13	0.03	0	1.67	1.88	3.72	3.65	3.59	3.55	0.93
4.79	3.84	2.9	2.02	1.27	0.69	0.31	0.12	0.02	0	2.3	2.41	3.71	3.65	3.57	3.53	0.94
4.74	3.77	2.83	1.96	1.22	0.67	0.3	0.12	0.02	0	1.72	2.42	3.7	3.65	3.58	3.55	0.94
4.7	3.71	2.76	1.9	1.18	0.64	0.29	0.11	0.02	0	2.35	2.49	3.73	3.66	3.61	3.58	0.94
4.66	3.66	2.7	1.84	1.14	0.62	0.28	0.11	0.02	0	2.56	2.38	3.75	3.7	3.64	3.61	0.94
4.62	3.6	2.64	1.79	1.1	0.6	0.27	0.1	0.02	0	2.4	2.42	3.76	3.69	3.63	3.64	0.95
4.57	3.54	2.58	1.74	1.06	0.57	0.26	0.1	0.02	0	1.75	2.35	3.75	3.7	3.64	3.63	0.95
4.51	3.48	2.52	1.69	1.03	0.55	0.25	0.1	0.02	0	2.47	2.39	3.74	3.68	3.62	3.6	0.96
4.44	3.41	2.46	1.64	1	0.54	0.25	0.09	0.02	0	2.43	2.3	3.75	3.65	3.59	3.58	0.96
4.38	3.34	2.4	1.6	0.97	0.52	0.24	0.09	0.02	0	1.75	2.36	3.74	3.66	3.61	3.58	0.97
4.3	3.28	2.34	1.55	0.94	0.51	0.24	0.09	0.02	0	2.3	2.2	3.73	3.65	3.63	3.56	0.97
4.23	3.21	2.28	1.51	0.92	0.5	0.23	0.09	0.02	0	2.46	2.28	3.74	3.67	3.62	3.58	0.98
4.17	3.15	2.23	1.47	0.89	0.49	0.23	0.09	0.02	0	2.48	2.31	3.74	3.7	3.6	3.59	0.98
4.12	3.09	2.18	1.43	0.87	0.47	0.22	0.09	0.02	0	1.55	2.23	3.75	3.69	3.61	3.6	0.99
4.07	3.03	2.12	1.39	0.84	0.46	0.22	0.09	0.02	0	2.35	2.46	3.77	3.71	3.63	3.63	0.99
4.02	2.98	2.07	1.35	0.82	0.45	0.21	0.09	0.02	0	2.49	2.55	3.78	3.71	3.67	3.63	0.99
3.97	2.93	2.02	1.31	0.79	0.44	0.21	0.09	0.02	0	2.24	2.42	3.77	3.7	3.63	3.61	1
3.93	2.88	1.98	1.27	0.77	0.43	0.2	0.09	0.02	0	1.98	2.38	3.76	3.7	3.63	3.59	1
3.88	2.83	1.93	1.23	0.74	0.41	0.2	0.09	0.02	0	2.27	2.42	3.76	3.71	3.63	3.61	1
3.84	2.79	1.88	1.19	0.72	0.4	0.19	0.09	0.02	0	1.81	2.37	3.75	3.7	3.61	3.59	0.99
3.8	2.74	1.84	1.15	0.69	0.38	0.18	0.09	0.02	0	2.47	2.36	3.75	3.68	3.61	3.59	0.99
3.76	2.7	1.79	1.12	0.66	0.37	0.18	0.09	0.02	0	2.42	2.12	3.75	3.7	3.62	3.6	0.99
3.72	2.65	1.75	1.08	0.64	0.35	0.17	0.08	0.03	0	1.74	2.26	3.73	3.67	3.59	3.58	0.98
3.69	2.61	1.7	1.04	0.61	0.34	0.16	0.08	0.03	0	2.48	2.22	3.75	3.68	3.62	3.6	0.97
3.65	2.57	1.66	1	0.58	0.33	0.16	0.08	0.03	0	2.58	2.37	3.75	3.69	3.61	3.59	0.96
3.61	2.52	1.61	0.97	0.56	0.31	0.15	0.08	0.03	0	2.33	2.3	3.74	3.69	3.61	3.6	0.95
3.56	2.47	1.56	0.93	0.54	0.3	0.15	0.07	0.03	0	1.81	2.34	3.72	3.67	3.61	3.57	0.94
3.51	2.42	1.52	0.89	0.52	0.29	0.14	0.07	0.03	0	2.35	2.25	3.73	3.68	3.59	3.57	0.93
3.46	2.37	1.47	0.86	0.5	0.28	0.14	0.07	0.03	0	2.19	2.35	3.73	3.66	3.57	3.55	0.92
3.41	2.32	1.43	0.83	0.48	0.27	0.14	0.07	0.03	0	1.58	2.44	3.72	3.65	3.59	3.55	0.91
3.36	2.27	1.39	0.8	0.46	0.26	0.13	0.07	0.03	0	2.25	2.06	3.71	3.64	3.56	3.56	0.9
3.32	2.23	1.36	0.78	0.45	0.25	0.13	0.07	0.03	0	1.53	1.78	3.71	3.64	3.58	3.56	0.9
3.28	2.2	1.33	0.75	0.43	0.24	0.12	0.07	0.03	0	2.24	2.24	3.71	3.63	3.58	3.58	0.89
3.26	2.17	1.3	0.74	0.41	0.23	0.12	0.06	0.03	0	2.31	2.29	3.72	3.65	3.61	3.56	0.89
3.24	2.15	1.28	0.72	0.4	0.22	0.11	0.06	0.03	0	1.72	2.4	3.72	3.65	3.59	3.57	0.89
3.23	2.14	1.27	0.71	0.39	0.22	0.11	0.06	0.03	0	2.1	2.31	3.72	3.68	3.58	3.57	0.89
3.22	2.13	1.26	0.69	0.38	0.21	0.11	0.06	0.02	0	2.07	2.42	3.73	3.69	3.59	3.57	0.89
3.22	2.13	1.26	0.69	0.37	0.2	0.11	0.06	0.02	0	1.59	2.33	3.75	3.67	3.59	3.58	0.89
3.22	2.13	1.26	0.68	0.36	0.2	0.1	0.05	0.02	0	2.31	2.33	3.73	3.67	3.61	3.59	0.88
3.22	2.13	1.26	0.68	0.36	0.19	0.1	0.05	0.02	0	1.84	2.57	3.72	3.66	3.59	3.61	0.88

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.22	2.14	1.26	0.68	0.35	0.19	0.1	0.05	0.02	0	1.26	2.55	3.71	3.64	3.58	3.59	0.88
3.23	2.15	1.27	0.68	0.35	0.19	0.1	0.05	0.02	0	0.95	2.45	3.69	3.62	3.57	3.55	0.88
3.23	2.16	1.28	0.68	0.35	0.18	0.1	0.05	0.02	0	1.88	2.4	3.7	3.63	3.56	3.55	0.89
3.24	2.17	1.29	0.68	0.35	0.18	0.1	0.05	0.03	0	1.57	2.09	3.69	3.63	3.59	3.54	0.89
3.24	2.18	1.3	0.69	0.34	0.18	0.1	0.05	0.03	0	2.27	1.77	3.71	3.65	3.59	3.53	0.89
3.25	2.19	1.3	0.69	0.34	0.18	0.1	0.05	0.03	0	2.38	2.03	3.71	3.67	3.61	3.57	0.9
3.26	2.2	1.31	0.69	0.34	0.17	0.1	0.05	0.03	0	2.31	2.21	3.73	3.64	3.59	3.56	0.91
3.26	2.2	1.31	0.69	0.34	0.17	0.09	0.05	0.03	0	1.88	2.27	3.73	3.66	3.62	3.59	0.92
3.26	2.2	1.32	0.69	0.34	0.17	0.09	0.05	0.03	0	1.67	2.18	3.74	3.67	3.62	3.61	0.93
3.26	2.2	1.32	0.69	0.34	0.17	0.09	0.05	0.02	0	2.3	2.26	3.74	3.69	3.61	3.62	0.94
3.25	2.19	1.31	0.69	0.33	0.17	0.09	0.05	0.02	0	2.69	2.53	3.74	3.68	3.59	3.61	0.95
3.23	2.18	1.31	0.69	0.33	0.16	0.08	0.04	0.02	0	2.67	2.46	3.74	3.68	3.62	3.61	0.97
3.23	2.18	1.3	0.68	0.33	0.16	0.08	0.04	0.02	0	2.33	2.21	3.73	3.69	3.6	3.6	0.98
3.22	2.17	1.3	0.68	0.33	0.16	0.07	0.04	0.02	0	2.27	1.69	3.74	3.69	3.63	3.58	0.98
3.22	2.17	1.29	0.68	0.33	0.16	0.07	0.04	0.01	0	2.7	2.14	3.77	3.69	3.68	3.59	0.99
3.23	2.17	1.29	0.68	0.33	0.16	0.07	0.04	0.01	0	2.72	2.44	3.81	3.7	3.68	3.59	1
3.24	2.18	1.29	0.68	0.33	0.16	0.07	0.04	0.01	0	2.59	2.17	3.79	3.7	3.69	3.59	1.01
3.26	2.19	1.29	0.68	0.33	0.15	0.07	0.04	0.01	0	1.88	1.88	3.76	3.69	3.64	3.59	1.01
3.27	2.2	1.3	0.68	0.32	0.15	0.07	0.04	0.02	0	2.59	2.4	3.75	3.7	3.62	3.57	1.02
3.28	2.21	1.3	0.68	0.33	0.16	0.08	0.04	0.02	0	2.76	2.63	3.74	3.67	3.62	3.58	1.02
3.29	2.21	1.31	0.68	0.33	0.16	0.08	0.04	0.02	0	2.6	2.47	3.74	3.67	3.64	3.56	1.02
3.3	2.22	1.32	0.69	0.33	0.16	0.08	0.04	0.02	0	1.66	2.16	3.76	3.69	3.63	3.58	1.02
3.3	2.23	1.33	0.7	0.34	0.17	0.08	0.05	0.02	0	2.45	2.12	3.77	3.69	3.67	3.56	1.03
3.3	2.23	1.33	0.7	0.34	0.17	0.08	0.05	0.02	0	2.49	2.52	3.79	3.7	3.69	3.6	1.03
3.31	2.25	1.34	0.71	0.35	0.17	0.08	0.05	0.02	0	2.49	2.53	3.8	3.69	3.68	3.59	1.03
3.32	2.26	1.36	0.72	0.36	0.17	0.08	0.05	0.02	0	2.37	2.41	3.8	3.7	3.67	3.6	1.03
3.34	2.28	1.38	0.73	0.36	0.18	0.09	0.05	0.02	0	1.78	2.49	3.78	3.71	3.66	3.58	1.03
3.37	2.31	1.4	0.75	0.37	0.18	0.09	0.05	0.02	0	2.42	2.27	3.76	3.69	3.62	3.58	1.03
3.4	2.34	1.42	0.76	0.38	0.19	0.09	0.05	0.02	0	2.59	2.21	3.75	3.69	3.62	3.58	1.03
3.44	2.36	1.44	0.77	0.38	0.19	0.09	0.06	0.02	0	2.37	2.38	3.76	3.71	3.64	3.57	1.03
3.47	2.39	1.46	0.79	0.39	0.19	0.1	0.06	0.02	0	1.7	2.36	3.77	3.71	3.65	3.59	1.02
3.5	2.41	1.47	0.8	0.4	0.2	0.1	0.06	0.03	0	2.26	2.32	3.78	3.68	3.71	3.59	1.01
3.52	2.43	1.49	0.81	0.41	0.2	0.1	0.07	0.03	0	2.4	2.26	3.81	3.69	3.74	3.6	1
3.54	2.44	1.5	0.82	0.41	0.21	0.11	0.07	0.03	0	2.48	2.37	3.8	3.69	3.72	3.6	0.99
3.55	2.45	1.51	0.83	0.42	0.21	0.11	0.07	0.03	0	2.6	2.53	3.81	3.7	3.69	3.6	0.98
3.55	2.46	1.53	0.84	0.42	0.21	0.11	0.07	0.03	0	2.46	2.19	3.76	3.68	3.67	3.56	0.97
3.54	2.46	1.54	0.85	0.43	0.21	0.11	0.07	0.03	0	1.99	1.64	3.73	3.67	3.61	3.56	0.95
3.54	2.47	1.55	0.86	0.43	0.21	0.11	0.07	0.03	0	2.69	2.33	3.72	3.65	3.59	3.58	0.94
3.55	2.48	1.56	0.87	0.43	0.21	0.11	0.07	0.02	0	2.69	2.47	3.71	3.64	3.6	3.57	0.93
3.57	2.5	1.57	0.88	0.43	0.2	0.1	0.06	0.02	0	2.32	2.36	3.7	3.64	3.58	3.54	0.92
3.59	2.53	1.59	0.89	0.43	0.2	0.09	0.06	0.02	0	2	2.32	3.71	3.65	3.6	3.55	0.91
3.64	2.56	1.62	0.9	0.43	0.19	0.09	0.05	0.01	0	2.4	2.18	3.73	3.66	3.59	3.56	0.9
3.69	2.6	1.64	0.91	0.43	0.18	0.08	0.04	0.01	0	2.3	2.4	3.75	3.65	3.6	3.59	0.9
3.74	2.65	1.67	0.92	0.43	0.17	0.07	0.03	0.01	0	1.36	2.29	3.74	3.66	3.56	3.56	0.9
3.81	2.7	1.7	0.93	0.43	0.17	0.06	0.03	0.007	0	2.2	2.25	3.73	3.66	3.59	3.58	0.9
3.87	2.75	1.74	0.95	0.43	0.16	0.06	0.02	0.004	0	2.39	2.32	3.74	3.67	3.6	3.59	0.89
3.92	2.8	1.78	0.97	0.44	0.16	0.05	0.02	0.001	0	2.14	2.41	3.74	3.68	3.6	3.57	0.89
3.98	2.86	1.82	0.99	0.44	0.16	0.05	0.02	0	0	1.58	2.35	3.72	3.67	3.58	3.54	0.89
4.02	2.91	1.86	1.01	0.45	0.16	0.05	0.01	-0.002	0	2.08	2.31	3.71	3.64	3.59	3.54	0.89
4.07	2.95	1.9	1.03	0.45	0.16	0.05	0.01	-0.004	0	2	2.26	3.71	3.65	3.57	3.53	0.89
4.1	2.99	1.93	1.05	0.46	0.16	0.04	0.01	-0.006	0	1.63	1.97	3.7	3.65	3.57	3.54	0.89
4.13	3.03	1.95	1.06	0.46	0.16	0.04	0.01	-0.008	0	1.72	2.23	3.71	3.66	3.6	3.58	0.89
4.16	3.05	1.97	1.07	0.46	0.15	0.04	0.01	-0.008	0	1.69	2.1	3.73	3.67	3.58	3.57	0.89
4.17	3.07	1.99	1.08	0.46	0.16	0.04	0.01	-0.008	0	1.77	1.7	3.73	3.67	3.61	3.6	0.89

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.18	3.08	2	1.09	0.47	0.16	0.04	0.01	-0.008	0	2.06	2.17	3.73	3.69	3.6	3.63	0.89
4.18	3.09	2.01	1.1	0.48	0.16	0.04	0.01	-0.008	0	2.14	2.46	3.74	3.68	3.6	3.62	0.9
4.17	3.09	2.02	1.11	0.49	0.17	0.05	0.01	-0.005	0	1.54	2.46	3.74	3.67	3.59	3.59	0.9
4.16	3.09	2.03	1.12	0.5	0.18	0.06	0.02	0	0	1.6	2.41	3.73	3.65	3.59	3.58	0.9
4.15	3.09	2.04	1.14	0.52	0.19	0.07	0.03	0.005	0	1.83	2.36	3.72	3.65	3.59	3.58	0.9
4.14	3.08	2.04	1.14	0.53	0.2	0.08	0.03	0.008	0	2.1	2.3	3.71	3.64	3.58	3.56	0.9
4.12	3.07	2.04	1.15	0.54	0.21	0.08	0.03	0.01	0	2.31	2.29	3.71	3.66	3.6	3.54	0.91
4.11	3.07	2.03	1.15	0.55	0.22	0.09	0.04	0.01	0	1.9	2.22	3.72	3.68	3.6	3.59	0.91
4.1	3.06	2.03	1.16	0.55	0.23	0.09	0.04	0.01	0	2.09	2.26	3.73	3.67	3.59	3.62	0.91
4.08	3.05	2.02	1.16	0.56	0.24	0.1	0.04	0.01	0	2.42	2.46	3.75	3.68	3.61	3.63	0.92
4.06	3.03	2.02	1.16	0.57	0.24	0.1	0.05	0.01	0	2.34	2.36	3.74	3.67	3.61	3.58	0.92
4.02	3	2	1.16	0.57	0.25	0.1	0.05	0.02	0	2	2.16	3.74	3.67	3.62	3.61	0.92
3.98	2.97	1.99	1.16	0.58	0.25	0.1	0.05	0.02	0	1.82	2.28	3.73	3.65	3.63	3.61	0.92
3.93	2.94	1.97	1.15	0.58	0.26	0.1	0.04	0.01	0	2.4	2.31	3.73	3.67	3.64	3.6	0.92
3.88	2.9	1.95	1.15	0.58	0.26	0.1	0.04	0.01	0	2.45	2.35	3.74	3.68	3.62	3.6	0.93
3.83	2.87	1.93	1.14	0.58	0.26	0.1	0.04	0.01	0	2	2.28	3.71	3.66	3.6	3.58	0.93
3.79	2.83	1.91	1.13	0.58	0.26	0.09	0.04	0.01	0	2.19	1.91	3.72	3.66	3.59	3.57	0.93
3.74	2.79	1.88	1.12	0.58	0.25	0.09	0.03	0.01	0	2.43	2.09	3.72	3.63	3.6	3.57	0.93
3.7	2.76	1.86	1.11	0.57	0.25	0.08	0.03	0.006	0	2.24	2.33	3.72	3.66	3.61	3.55	0.94
3.66	2.73	1.84	1.1	0.57	0.24	0.08	0.02	0.003	0	1.68	2.19	3.73	3.67	3.61	3.57	0.94
3.62	2.7	1.83	1.1	0.57	0.24	0.08	0.02	0.002	0	2.15	2.24	3.74	3.67	3.63	3.6	0.95
3.59	2.68	1.82	1.1	0.57	0.25	0.08	0.02	0.002	0	2.31	2.32	3.74	3.68	3.64	3.59	0.95
3.56	2.66	1.81	1.1	0.57	0.25	0.08	0.02	0.002	0	2.11	2.37	3.75	3.67	3.62	3.6	0.96
3.53	2.64	1.8	1.1	0.58	0.25	0.08	0.02	0.003	0	1.58	2.44	3.75	3.67	3.64	3.6	0.96
3.5	2.62	1.8	1.1	0.58	0.26	0.08	0.02	0.003	0	1.96	2.24	3.73	3.67	3.63	3.6	0.97
3.47	2.61	1.79	1.11	0.59	0.26	0.09	0.02	0.003	0	2.22	2.23	3.73	3.66	3.63	3.58	0.97
3.44	2.59	1.79	1.11	0.6	0.27	0.09	0.02	0.003	0	1.96	2.28	3.74	3.68	3.63	3.6	0.97
3.42	2.58	1.79	1.12	0.6	0.27	0.09	0.02	0.003	0	2.01	2.24	3.76	3.67	3.64	3.58	0.97
3.4	2.57	1.8	1.13	0.61	0.28	0.09	0.03	0.003	0	2.01	2.27	3.74	3.69	3.65	3.6	0.97
3.38	2.57	1.8	1.13	0.62	0.28	0.09	0.03	0.003	0	1.48	2.45	3.74	3.69	3.65	3.6	0.97
3.37	2.56	1.81	1.14	0.62	0.28	0.09	0.03	0.003	0	2.06	2.32	3.73	3.68	3.61	3.59	0.97
3.36	2.57	1.82	1.15	0.63	0.28	0.09	0.03	0.002	0	2.25	2.28	3.73	3.67	3.59	3.54	0.97
3.36	2.57	1.83	1.16	0.63	0.28	0.09	0.03	0.002	0	1.55	2.48	3.73	3.66	3.61	3.56	0.97
3.36	2.59	1.84	1.17	0.64	0.28	0.09	0.02	0.002	0	2.32	2.49	3.73	3.66	3.61	3.58	0.97
3.38	2.61	1.86	1.18	0.64	0.28	0.09	0.02	0.003	0	2.57	2.48	3.74	3.67	3.62	3.57	0.97
3.4	2.63	1.88	1.2	0.65	0.27	0.09	0.02	0.003	0	2.62	2.34	3.75	3.69	3.62	3.58	0.97
3.43	2.67	1.91	1.22	0.65	0.27	0.08	0.02	0.003	0	2.17	2.12	3.74	3.69	3.59	3.57	0.97
3.46	2.71	1.95	1.24	0.66	0.27	0.08	0.02	0.005	0	2.43	2.37	3.76	3.69	3.61	3.56	0.97
3.51	2.76	1.99	1.27	0.68	0.28	0.08	0.02	0.006	0	2.79	2.37	3.75	3.67	3.62	3.57	0.97
3.55	2.8	2.03	1.3	0.69	0.28	0.08	0.02	0.006	0	2.7	2.38	3.75	3.66	3.61	3.58	0.97
3.59	2.85	2.08	1.33	0.7	0.28	0.08	0.02	0.006	0	2.13	2.29	3.75	3.65	3.61	3.57	0.97
3.62	2.89	2.12	1.36	0.72	0.29	0.08	0.02	0.006	0	2.39	1.8	3.73	3.67	3.59	3.59	0.98
3.65	2.93	2.16	1.39	0.73	0.29	0.08	0.02	0.005	0	2.66	1.83	3.74	3.68	3.6	3.6	0.98
3.68	2.97	2.19	1.41	0.74	0.29	0.07	0.02	0.005	0	2.62	2.39	3.74	3.69	3.63	3.59	0.98
3.7	3.01	2.23	1.44	0.75	0.29	0.07	0.02	0.005	0	1.72	2.33	3.73	3.67	3.63	3.58	0.99
3.72	3.03	2.25	1.46	0.76	0.29	0.07	0.02	0.004	0	2.6	2.46	3.73	3.67	3.6	3.56	0.99
3.74	3.05	2.27	1.47	0.76	0.29	0.07	0.02	0.004	0	2.71	2.48	3.75	3.67	3.62	3.55	1
3.76	3.07	2.29	1.48	0.76	0.29	0.07	0.02	0.004	0	2.41	2.4	3.74	3.68	3.63	3.58	1
3.77	3.08	2.3	1.48	0.76	0.29	0.07	0.02	0.004	0	1.89	2.21	3.76	3.69	3.62	3.61	1
3.77	3.08	2.3	1.48	0.75	0.28	0.07	0.02	0.004	0	2.48	2.22	3.75	3.7	3.62	3.64	1
3.77	3.08	2.29	1.47	0.75	0.28	0.07	0.02	0.004	0	2.52	2.4	3.75	3.7	3.64	3.63	1
3.75	3.06	2.27	1.45	0.74	0.28	0.07	0.02	0.005	0	2.34	2.46	3.76	3.69	3.64	3.61	1
3.73	3.03	2.24	1.43	0.72	0.27	0.07	0.02	0.005	0	1.62	2.55	3.75	3.69	3.62	3.59	1
3.7	3	2.21	1.4	0.7	0.26	0.06	0.01	0.005	0	2.06	2.46	3.75	3.68	3.6	3.57	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.67	2.95	2.16	1.36	0.68	0.26	0.06	0.01	0.004	0	1.75	2.35	3.72	3.66	3.6	3.55	1
3.64	2.91	2.12	1.32	0.66	0.25	0.06	0.01	0.004	0	1.92	2.48	3.73	3.67	3.59	3.57	1
3.6	2.86	2.07	1.28	0.64	0.24	0.06	0.01	0.004	0	2.13	2.23	3.71	3.69	3.6	3.55	1
3.57	2.82	2.02	1.24	0.61	0.23	0.06	0.01	0.003	0	1.78	2.14	3.75	3.69	3.61	3.57	1
3.54	2.77	1.96	1.2	0.59	0.22	0.06	0.01	0.003	0	1.88	2.36	3.76	3.71	3.62	3.62	1
3.49	2.72	1.91	1.16	0.56	0.21	0.05	0.01	0.002	0	2.46	2.43	3.77	3.69	3.63	3.61	1
3.44	2.66	1.85	1.11	0.54	0.2	0.05	0.01	0.001	0	2.61	2.38	3.76	3.69	3.61	3.61	0.99
3.39	2.6	1.8	1.07	0.52	0.2	0.05	0.01	0.001	0	2.12	2.31	3.75	3.68	3.62	3.58	0.99
3.33	2.53	1.74	1.03	0.5	0.19	0.05	0.01	0	0	2.39	2.18	3.75	3.68	3.61	3.58	0.98
3.27	2.47	1.69	1	0.48	0.18	0.05	0.01	-0.001	0	2.63	1.3	3.74	3.67	3.61	3.56	0.98
3.21	2.41	1.63	0.96	0.47	0.18	0.05	0.01	-0.002	0	2.39	2.03	3.74	3.69	3.58	3.55	0.97
3.16	2.35	1.59	0.93	0.45	0.17	0.05	0.01	-0.001	0	1.91	2.17	3.72	3.68	3.59	3.54	0.97
3.11	2.31	1.55	0.9	0.44	0.17	0.05	0.02	0.001	0	2.42	2.3	3.71	3.65	3.58	3.54	0.97
3.07	2.26	1.51	0.87	0.43	0.17	0.05	0.02	0.002	0	2.35	2.3	3.73	3.67	3.6	3.55	0.96
3.04	2.22	1.47	0.85	0.41	0.17	0.05	0.02	0.004	0	1.86	2.26	3.74	3.69	3.6	3.57	0.96
3.01	2.18	1.43	0.83	0.4	0.17	0.05	0.02	0.005	0	1.73	2.25	3.75	3.69	3.63	3.59	0.95
2.98	2.14	1.4	0.8	0.4	0.17	0.06	0.02	0.007	0	2.17	2.27	3.76	3.69	3.62	3.6	0.95
2.94	2.11	1.37	0.78	0.39	0.17	0.06	0.02	0.009	0	2.22	2.21	3.75	3.68	3.62	3.59	0.94
2.91	2.07	1.34	0.77	0.38	0.17	0.06	0.03	0.01	0	1.86	2.46	3.73	3.66	3.6	3.59	0.94
2.88	2.04	1.31	0.75	0.38	0.17	0.06	0.03	0.01	0	2.04	2.34	3.72	3.65	3.58	3.56	0.93
2.86	2.01	1.28	0.73	0.37	0.17	0.06	0.03	0.01	0	2.22	2.16	3.72	3.66	3.6	3.57	0.93
2.83	1.98	1.26	0.72	0.36	0.17	0.07	0.03	0.01	0	1.8	2.18	3.71	3.66	3.57	3.54	0.92
2.81	1.95	1.23	0.7	0.36	0.17	0.07	0.04	0.01	0	1.99	1.75	3.72	3.64	3.6	3.56	0.92
2.8	1.93	1.21	0.69	0.35	0.17	0.07	0.04	0.01	0	2.12	2.16	3.73	3.66	3.59	3.58	0.91
2.78	1.9	1.19	0.67	0.35	0.17	0.07	0.04	0.01	0	1.86	2.28	3.72	3.67	3.6	3.56	0.91
2.77	1.88	1.16	0.66	0.34	0.16	0.07	0.04	0.02	0	1.53	2.36	3.72	3.66	3.62	3.56	0.91
2.75	1.85	1.14	0.64	0.33	0.16	0.07	0.04	0.02	0	1.6	2.2	3.73	3.66	3.62	3.57	0.91
2.72	1.83	1.12	0.63	0.33	0.16	0.08	0.04	0.02	0	1.87	2.11	3.74	3.67	3.62	3.56	0.91
2.69	1.8	1.1	0.62	0.32	0.16	0.08	0.04	0.02	0	1.97	2.19	3.72	3.66	3.59	3.57	0.91
2.66	1.77	1.08	0.61	0.32	0.16	0.08	0.04	0.02	0	1.67	2.19	3.71	3.66	3.6	3.55	0.91
2.62	1.73	1.05	0.59	0.31	0.16	0.08	0.04	0.02	0	1.79	2.32	3.73	3.65	3.61	3.57	0.91
2.58	1.7	1.03	0.58	0.31	0.16	0.08	0.04	0.02	0	2.15	2.38	3.73	3.67	3.61	3.56	0.92
2.54	1.66	1	0.56	0.3	0.16	0.07	0.04	0.01	0	1.78	2.23	3.72	3.67	3.62	3.59	0.92
2.5	1.63	0.97	0.55	0.29	0.15	0.07	0.04	0.01	0	1.37	2.08	3.72	3.67	3.61	3.57	0.93
2.47	1.59	0.95	0.53	0.28	0.15	0.07	0.03	0.01	0	1.62	1.4	3.72	3.67	3.62	3.6	0.93
2.43	1.56	0.92	0.52	0.28	0.15	0.07	0.03	0.01	0	1.89	2.03	3.74	3.67	3.63	3.59	0.93
2.39	1.52	0.9	0.51	0.27	0.14	0.07	0.03	0.01	0	1.48	2.41	3.74	3.67	3.62	3.57	0.94
2.36	1.49	0.88	0.5	0.27	0.14	0.07	0.03	0.01	0	2.31	2.3	3.75	3.68	3.64	3.57	0.94
2.32	1.46	0.86	0.49	0.26	0.14	0.07	0.03	0.01	0	2.47	2.33	3.73	3.66	3.59	3.56	0.94
2.29	1.43	0.84	0.48	0.26	0.14	0.07	0.03	0.01	0	2.16	2.34	3.72	3.66	3.62	3.6	0.94
2.26	1.41	0.82	0.47	0.26	0.14	0.07	0.03	0.01	0	2.25	2.45	3.74	3.67	3.61	3.59	0.95
2.23	1.38	0.81	0.46	0.25	0.14	0.07	0.03	0.01	0	2.47	2.33	3.74	3.67	3.63	3.57	0.95
2.21	1.37	0.79	0.45	0.25	0.13	0.06	0.03	0.01	0	2.13	2.23	3.74	3.67	3.62	3.58	0.95
2.2	1.35	0.78	0.44	0.24	0.13	0.06	0.03	0.01	0	1.88	2.44	3.73	3.67	3.61	3.58	0.95
2.18	1.34	0.77	0.43	0.24	0.13	0.06	0.03	0.01	0	2.31	2.5	3.72	3.68	3.61	3.55	0.96
2.18	1.33	0.76	0.42	0.23	0.12	0.05	0.02	0.009	0	2.21	2.3	3.74	3.66	3.61	3.57	0.96
2.18	1.32	0.75	0.42	0.23	0.12	0.05	0.02	0.008	0	1.5	2.15	3.75	3.67	3.6	3.55	0.97
2.18	1.32	0.75	0.41	0.23	0.12	0.05	0.02	0.008	0	2.33	2.2	3.74	3.67	3.62	3.58	0.98
2.19	1.32	0.74	0.41	0.22	0.11	0.05	0.02	0.007	0	2.61	2.06	3.74	3.69	3.63	3.59	0.98
2.2	1.33	0.75	0.41	0.22	0.11	0.04	0.02	0.007	0	2.59	2.08	3.74	3.7	3.63	3.6	0.99
2.21	1.33	0.75	0.41	0.22	0.11	0.04	0.02	0.006	0	1.72	2.12	3.76	3.7	3.62	3.6	0.99
2.22	1.34	0.75	0.41	0.22	0.11	0.04	0.02	0.006	0	2.31	2.27	3.78	3.68	3.61	3.59	1
2.24	1.35	0.76	0.41	0.22	0.11	0.04	0.02	0.006	0	2.27	2.24	3.77	3.68	3.63	3.62	1
2.25	1.36	0.76	0.41	0.22	0.11	0.04	0.02	0.006	0	2.33	2.03	3.78	3.68	3.66	3.6	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.26	1.37	0.77	0.42	0.22	0.11	0.04	0.02	0.006	0	2.61	2.29	3.78	3.68	3.61	3.55	1
2.27	1.38	0.77	0.42	0.22	0.11	0.04	0.02	0.006	0	2.39	2.46	3.78	3.69	3.62	3.58	1
2.27	1.39	0.78	0.43	0.23	0.11	0.04	0.02	0.007	0	2.08	2.41	3.76	3.68	3.63	3.58	0.99
2.28	1.39	0.79	0.43	0.23	0.12	0.04	0.02	0.007	0	2.67	2.09	3.77	3.7	3.61	3.56	0.99
2.28	1.4	0.79	0.43	0.23	0.12	0.05	0.02	0.008	0	2.66	2	3.76	3.7	3.62	3.56	0.98
2.28	1.41	0.8	0.44	0.24	0.12	0.05	0.02	0.009	0	1.76	2.21	3.76	3.68	3.62	3.57	0.97
2.29	1.42	0.81	0.45	0.24	0.12	0.05	0.03	0.01	0	2.7	2.24	3.73	3.65	3.66	3.56	0.97
2.29	1.43	0.82	0.45	0.25	0.13	0.05	0.03	0.01	0	2.76	2.3	3.73	3.65	3.65	3.56	0.96
2.31	1.45	0.84	0.46	0.25	0.13	0.06	0.03	0.01	0	2.58	1.99	3.73	3.68	3.62	3.56	0.95
2.33	1.47	0.85	0.47	0.26	0.13	0.06	0.03	0.01	0	1.71	1.6	3.74	3.68	3.61	3.55	0.95
2.37	1.51	0.88	0.49	0.27	0.14	0.06	0.03	0.01	0	2.32	2.25	3.75	3.65	3.58	3.56	0.94
2.43	1.55	0.91	0.51	0.28	0.14	0.07	0.03	0.01	0	2.55	2.3	3.73	3.66	3.59	3.57	0.94
2.5	1.61	0.94	0.53	0.28	0.15	0.07	0.03	0.01	0	2.62	2.5	3.73	3.67	3.62	3.57	0.94
2.59	1.67	0.99	0.55	0.29	0.15	0.07	0.03	0.01	0	2.42	2.51	3.73	3.67	3.58	3.57	0.94
2.68	1.74	1.03	0.57	0.3	0.15	0.06	0.03	0.01	0	1.68	2.5	3.72	3.66	3.59	3.55	0.93
2.78	1.81	1.07	0.58	0.31	0.15	0.06	0.03	0.01	0	2.48	2.22	3.73	3.67	3.58	3.56	0.93
2.87	1.88	1.11	0.6	0.31	0.15	0.06	0.03	0.01	0	2.58	2.02	3.73	3.67	3.59	3.58	0.93
2.96	1.94	1.15	0.62	0.31	0.14	0.06	0.03	0.01	0	2.39	2.38	3.72	3.66	3.59	3.6	0.93
3.04	2.01	1.19	0.64	0.32	0.15	0.06	0.03	0.01	0	1.91	2.31	3.73	3.68	3.63	3.6	0.93
3.12	2.07	1.23	0.67	0.33	0.15	0.06	0.03	0.01	0	2.54	2.49	3.75	3.68	3.61	3.6	0.93
3.18	2.13	1.27	0.69	0.34	0.15	0.06	0.03	0.01	0	2.46	2.51	3.73	3.65	3.59	3.56	0.93
3.23	2.18	1.31	0.71	0.35	0.16	0.07	0.03	0.01	0	1.52	2.35	3.71	3.65	3.6	3.56	0.93
3.27	2.22	1.35	0.73	0.36	0.16	0.07	0.04	0.01	0	2.41	2.16	3.71	3.65	3.56	3.54	0.93
3.3	2.25	1.37	0.75	0.37	0.16	0.07	0.03	0.01	0	2.52	2.29	3.69	3.64	3.57	3.54	0.93
3.33	2.28	1.4	0.77	0.37	0.17	0.07	0.03	0.01	0	2.22	2.44	3.71	3.66	3.59	3.55	0.93
3.34	2.3	1.42	0.78	0.38	0.17	0.07	0.03	0.01	0	1.54	2.46	3.74	3.67	3.61	3.59	0.92
3.36	2.32	1.45	0.8	0.39	0.17	0.06	0.03	0.01	0	2.22	2.34	3.75	3.7	3.63	3.61	0.92
3.36	2.35	1.47	0.82	0.4	0.17	0.06	0.03	0.01	0	2.29	2.08	3.77	3.69	3.68	3.61	0.92
3.37	2.37	1.5	0.85	0.42	0.18	0.06	0.02	0.008	0	2.21	2.12	3.75	3.69	3.68	3.59	0.92
3.38	2.4	1.54	0.88	0.44	0.19	0.06	0.02	0.004	0	2.08	2.44	3.74	3.68	3.65	3.58	0.92
3.4	2.43	1.58	0.91	0.46	0.2	0.06	0.02	0	0	1.93	2.37	3.73	3.65	3.61	3.54	0.92
3.43	2.48	1.63	0.96	0.49	0.21	0.07	0.02	-0.002	0	1.99	2.31	3.73	3.64	3.61	3.51	0.91
3.47	2.54	1.7	1.01	0.52	0.23	0.07	0.02	-0.001	0	2.12	2.3	3.73	3.64	3.6	3.57	0.91
3.53	2.62	1.78	1.08	0.56	0.25	0.08	0.02	0	0	1.76	2.4	3.73	3.64	3.59	3.55	0.91
3.6	2.7	1.86	1.14	0.61	0.27	0.09	0.03	0.001	0	2.29	2.2	3.72	3.65	3.62	3.55	0.91
3.68	2.8	1.95	1.22	0.66	0.3	0.11	0.03	0.002	0	2.39	2.16	3.72	3.66	3.63	3.58	0.91
3.77	2.89	2.05	1.3	0.71	0.32	0.12	0.04	0.004	0	2.35	2.37	3.72	3.67	3.61	3.56	0.91
3.85	3	2.15	1.38	0.76	0.35	0.13	0.04	0.005	0	1.96	2.21	3.7	3.66	3.59	3.57	0.91
3.93	3.09	2.25	1.46	0.82	0.38	0.15	0.04	0.006	0	2.52	2.14	3.71	3.66	3.6	3.57	0.91
4.01	3.19	2.35	1.55	0.88	0.41	0.16	0.05	0.008	0	2.38	2.22	3.73	3.66	3.6	3.56	0.91
4.08	3.28	2.44	1.63	0.94	0.45	0.18	0.06	0.009	0	1.29	2.17	3.73	3.67	3.59	3.59	0.91
4.14	3.36	2.53	1.71	1	0.49	0.19	0.06	0.01	0	2.14	2.25	3.73	3.68	3.61	3.61	0.91
4.2	3.43	2.61	1.8	1.07	0.53	0.22	0.07	0.01	0	1.85	2.36	3.73	3.67	3.63	3.58	0.92
4.24	3.5	2.69	1.87	1.13	0.57	0.24	0.08	0.01	0	1.67	2.48	3.7	3.66	3.59	3.59	0.92
4.29	3.56	2.77	1.95	1.19	0.62	0.26	0.09	0.02	0	1.57	2.37	3.7	3.67	3.57	3.56	0.92
4.33	3.61	2.84	2.02	1.26	0.66	0.28	0.1	0.02	0	2.19	2.25	3.73	3.68	3.59	3.56	0.93
4.36	3.67	2.9	2.09	1.32	0.7	0.31	0.11	0.02	0	2.34	2.07	3.72	3.65	3.59	3.56	0.93
4.39	3.71	2.96	2.16	1.37	0.75	0.33	0.13	0.03	0	1.62	2.19	3.72	3.66	3.58	3.57	0.94
4.42	3.75	3.01	2.21	1.43	0.79	0.36	0.14	0.03	0	2.29	2.27	3.73	3.67	3.6	3.58	0.95
4.44	3.78	3.06	2.27	1.48	0.83	0.38	0.15	0.03	0	2.3	2.27	3.75	3.68	3.61	3.59	0.96
4.45	3.8	3.09	2.31	1.52	0.86	0.39	0.16	0.04	0	1.94	2.34	3.76	3.67	3.62	3.62	0.97
4.46	3.82	3.12	2.35	1.56	0.89	0.41	0.17	0.04	0	1.85	2.09	3.75	3.67	3.62	3.61	0.98
4.46	3.83	3.14	2.38	1.6	0.92	0.43	0.18	0.04	0	2.03	2.32	3.74	3.68	3.63	3.61	0.98
4.45	3.83	3.16	2.41	1.63	0.95	0.45	0.18	0.04	0	1.72	2.26	3.75	3.68	3.61	3.61	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.44	3.83	3.17	2.43	1.66	0.98	0.47	0.19	0.05	0	2.01	2.3	3.76	3.7	3.63	3.61	0.99
4.42	3.82	3.17	2.45	1.69	1	0.48	0.2	0.05	0	2.03	2.38	3.77	3.69	3.64	3.63	0.99
4.39	3.8	3.17	2.46	1.71	1.02	0.5	0.21	0.05	0	1.62	2.44	3.76	3.69	3.62	3.6	0.99
4.36	3.79	3.16	2.47	1.73	1.05	0.52	0.22	0.06	0	2.3	2.43	3.74	3.71	3.63	3.6	0.98
4.33	3.77	3.16	2.48	1.75	1.07	0.53	0.23	0.06	0	1.47	2.4	3.73	3.69	3.61	3.57	0.98
4.29	3.74	3.15	2.48	1.76	1.09	0.55	0.23	0.07	0	2.59	2.22	3.73	3.66	3.62	3.59	0.98
4.27	3.73	3.14	2.48	1.77	1.1	0.56	0.24	0.07	0	2.71	2.37	3.73	3.66	3.59	3.58	0.97
4.25	3.71	3.13	2.48	1.78	1.11	0.57	0.25	0.07	0	2.51	2.52	3.73	3.67	3.58	3.57	0.97
4.23	3.7	3.13	2.48	1.79	1.12	0.58	0.25	0.08	0	2.36	2.44	3.73	3.66	3.59	3.53	0.96
4.23	3.7	3.13	2.49	1.8	1.13	0.59	0.25	0.08	0	2.82	2.38	3.72	3.65	3.58	3.55	0.96
4.23	3.7	3.13	2.5	1.81	1.14	0.6	0.26	0.08	0	2.68	2.26	3.74	3.64	3.6	3.58	0.96
4.23	3.71	3.14	2.51	1.82	1.15	0.61	0.27	0.08	0	2.14	2.22	3.74	3.66	3.61	3.62	0.96
4.23	3.71	3.15	2.52	1.83	1.17	0.62	0.27	0.09	0	2.78	2.14	3.75	3.69	3.64	3.64	0.95
4.23	3.71	3.16	2.53	1.85	1.18	0.63	0.28	0.09	0	2.69	2.23	3.77	3.69	3.64	3.63	0.95
4.22	3.71	3.16	2.54	1.86	1.19	0.64	0.28	0.09	0	2.1	2.28	3.77	3.66	3.63	3.59	0.95
4.21	3.71	3.17	2.56	1.88	1.21	0.65	0.29	0.09	0	2.69	2.38	3.75	3.65	3.62	3.58	0.94
4.21	3.71	3.18	2.57	1.9	1.22	0.66	0.29	0.1	0	2.57	2.36	3.72	3.67	3.61	3.59	0.94
4.2	3.72	3.19	2.59	1.92	1.24	0.67	0.3	0.1	0	1.91	2.12	3.72	3.67	3.6	3.55	0.93
4.21	3.72	3.2	2.61	1.94	1.26	0.69	0.31	0.1	0	1.94	2.01	3.71	3.65	3.57	3.56	0.93
4.21	3.73	3.22	2.63	1.96	1.28	0.7	0.32	0.11	0	2.05	1.98	3.71	3.64	3.57	3.56	0.93
4.22	3.74	3.23	2.65	1.99	1.3	0.71	0.32	0.11	0	2.05	2.15	3.71	3.66	3.59	3.56	0.92
4.22	3.75	3.25	2.67	2	1.32	0.73	0.33	0.11	0	2	2.12	3.72	3.65	3.58	3.58	0.92
4.23	3.76	3.26	2.68	2.02	1.33	0.74	0.34	0.11	0	1.34	2.43	3.72	3.64	3.6	3.58	0.92
4.23	3.77	3.27	2.7	2.03	1.34	0.75	0.34	0.12	0	1.67	2.35	3.72	3.65	3.59	3.59	0.92
4.24	3.77	3.28	2.71	2.04	1.35	0.75	0.35	0.12	0	1.54	2.31	3.71	3.67	3.6	3.56	0.93
4.24	3.77	3.28	2.72	2.06	1.36	0.76	0.35	0.12	0	1.43	2.38	3.72	3.67	3.6	3.56	0.93
4.24	3.78	3.29	2.73	2.07	1.37	0.76	0.35	0.12	0	1.89	2.23	3.73	3.67	3.59	3.56	0.94
4.25	3.79	3.3	2.74	2.07	1.38	0.77	0.36	0.12	0	1.38	2.28	3.73	3.66	3.59	3.59	0.94
4.25	3.79	3.3	2.74	2.08	1.39	0.77	0.36	0.12	0	2.03	2.44	3.73	3.67	3.6	3.56	0.95
5.14	4.47	3.74	2.94	2.08	1.27	0.64	0.27	0.08	0	2.14	2.37	3.75	3.68	3.62	3.6	0.98
5.17	4.48	3.74	2.93	2.06	1.25	0.63	0.26	0.07	0	1.65	2.32	3.75	3.68	3.61	3.57	0.97
5.18	4.49	3.73	2.91	2.04	1.23	0.62	0.26	0.07	0	2.12	1.77	3.75	3.69	3.6	3.58	0.97
5.19	4.49	3.72	2.89	2.02	1.21	0.6	0.25	0.07	0	2.45	2.34	3.74	3.7	3.62	3.58	0.97
5.19	4.48	3.71	2.87	1.99	1.19	0.59	0.24	0.07	0	2.41	2.47	3.75	3.68	3.62	3.6	0.97
5.19	4.47	3.69	2.84	1.97	1.18	0.58	0.24	0.07	0	1.91	2.56	3.74	3.69	3.63	3.6	0.96
5.18	4.46	3.67	2.82	1.95	1.16	0.57	0.23	0.07	0	2.55	2.43	3.74	3.69	3.62	3.58	0.96
5.18	4.45	3.65	2.8	1.92	1.14	0.56	0.23	0.07	0	2.5	2.47	3.72	3.69	3.61	3.56	0.95
5.17	4.43	3.63	2.77	1.9	1.12	0.55	0.22	0.06	0	1.91	2.42	3.72	3.67	3.6	3.57	0.95
5.17	4.43	3.61	2.75	1.88	1.1	0.53	0.21	0.06	0	2.09	2.33	3.7	3.66	3.59	3.56	0.95
5.18	4.42	3.6	2.73	1.85	1.08	0.52	0.21	0.06	0	2.28	2.17	3.71	3.67	3.61	3.56	0.95
5.19	4.42	3.58	2.7	1.82	1.06	0.51	0.2	0.06	0	2.11	2	3.71	3.66	3.59	3.57	0.95
5.2	4.42	3.57	2.68	1.8	1.04	0.5	0.19	0.06	0	1.55	2.07	3.74	3.68	3.6	3.58	0.95
5.21	4.42	3.55	2.65	1.77	1.02	0.48	0.18	0.05	0	1.84	2.3	3.74	3.67	3.61	3.58	0.95
5.22	4.41	3.54	2.63	1.74	1	0.47	0.18	0.05	0	2.41	2.29	3.75	3.69	3.62	3.59	0.95
5.22	4.4	3.52	2.6	1.72	0.98	0.45	0.17	0.05	0	2.43	2.4	3.76	3.7	3.61	3.61	0.95
5.22	4.39	3.5	2.58	1.69	0.96	0.44	0.16	0.05	0	2	2.47	3.74	3.69	3.62	3.62	0.95
5.21	4.38	3.48	2.56	1.67	0.93	0.43	0.16	0.05	0	2.21	2.36	3.74	3.67	3.61	3.6	0.95
5.19	4.36	3.46	2.54	1.65	0.91	0.41	0.15	0.04	0	2.49	2.15	3.73	3.64	3.62	3.57	0.95
5.18	4.35	3.45	2.52	1.62	0.89	0.4	0.14	0.04	0	2.54	2.05	3.73	3.66	3.62	3.58	0.95
5.16	4.33	3.43	2.5	1.6	0.87	0.38	0.14	0.04	0	2.22	1.94	3.76	3.68	3.62	3.58	0.95
5.15	4.31	3.41	2.48	1.58	0.85	0.37	0.13	0.04	0	2.13	2.27	3.74	3.69	3.61	3.6	0.95
5.13	4.29	3.39	2.45	1.55	0.82	0.35	0.12	0.03	0	2.6	2.28	3.74	3.7	3.63	3.62	0.95
5.1	4.27	3.37	2.43	1.52	0.79	0.33	0.12	0.03	0	2.53	2.38	3.75	3.69	3.64	3.61	0.95
5.08	4.25	3.34	2.4	1.48	0.76	0.31	0.11	0.03	0	1.64	2.53	3.74	3.68	3.62	3.6	0.95

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.04	4.22	3.31	2.36	1.45	0.73	0.29	0.1	0.03	0	2.23	2.39	3.74	3.69	3.61	3.63	0.95
5.01	4.18	3.28	2.32	1.41	0.7	0.27	0.09	0.02	0	2.26	2.3	3.74	3.69	3.64	3.61	0.95
4.98	4.15	3.24	2.28	1.36	0.67	0.25	0.09	0.02	0	2.09	2.4	3.75	3.68	3.59	3.6	0.95
4.93	4.1	3.18	2.22	1.31	0.63	0.24	0.08	0.02	0	1.6	2.4	3.74	3.66	3.59	3.57	0.95
4.89	4.04	3.12	2.16	1.26	0.59	0.22	0.07	0.02	0	2.06	2.35	3.74	3.67	3.62	3.58	0.95
4.83	3.98	3.05	2.08	1.2	0.55	0.2	0.06	0.02	0	1.96	2.31	3.73	3.67	3.62	3.57	0.95
4.76	3.89	2.96	2	1.13	0.51	0.18	0.06	0.02	0	2.04	2.25	3.73	3.68	3.63	3.6	0.95
4.68	3.8	2.86	1.91	1.06	0.47	0.16	0.05	0.01	0	2.25	2.42	3.74	3.68	3.63	3.58	0.95
4.58	3.68	2.74	1.8	0.98	0.43	0.14	0.04	0.01	0	2.14	2.36	3.75	3.67	3.62	3.59	0.95
4.46	3.54	2.61	1.69	0.91	0.39	0.13	0.04	0.01	0	2.06	2.05	3.73	3.68	3.64	3.61	0.95
4.33	3.4	2.46	1.57	0.83	0.35	0.11	0.03	0.01	0	1.95	2.13	3.73	3.67	3.61	3.56	0.96
4.18	3.24	2.31	1.45	0.76	0.32	0.1	0.03	0.007	0	2.32	1.86	3.73	3.65	3.59	3.56	0.97
4.03	3.07	2.15	1.33	0.69	0.29	0.09	0.02	0.005	0	2.63	2.19	3.72	3.65	3.58	3.55	0.97
3.86	2.89	1.99	1.22	0.63	0.26	0.09	0.02	0.004	0	2.5	2.23	3.72	3.67	3.6	3.57	0.98
3.69	2.71	1.84	1.11	0.57	0.24	0.08	0.02	0.002	0	1.87	2.3	3.75	3.69	3.65	3.6	0.99
3.52	2.54	1.69	1.01	0.53	0.23	0.08	0.02	0.002	0	2.5	2.07	3.77	3.71	3.65	3.63	0.99
3.34	2.37	1.56	0.93	0.49	0.22	0.08	0.02	0.004	0	2.64	1.98	3.77	3.71	3.68	3.66	1
3.16	2.21	1.44	0.86	0.46	0.22	0.08	0.03	0.006	0	2.58	1.68	3.77	3.7	3.67	3.64	1
2.97	2.04	1.31	0.79	0.44	0.21	0.08	0.03	0.009	0	1.87	2.07	3.75	3.69	3.65	3.63	1
2.78	1.88	1.2	0.73	0.41	0.21	0.09	0.04	0.01	0	2.34	2.27	3.74	3.69	3.63	3.6	1
2.62	1.75	1.11	0.68	0.39	0.21	0.09	0.04	0.01	0	2.64	2.33	3.74	3.67	3.62	3.56	1
2.46	1.62	1.03	0.63	0.37	0.2	0.09	0.04	0.01	0	1.87	2.26	3.73	3.68	3.62	3.56	0.99
2.32	1.52	0.96	0.6	0.36	0.2	0.09	0.04	0.01	0	2.08	2.22	3.71	3.67	3.62	3.57	0.99
2.22	1.44	0.92	0.58	0.35	0.2	0.09	0.04	0.01	0	1.46	2.32	3.72	3.67	3.61	3.6	0.99
2.13	1.38	0.88	0.56	0.35	0.2	0.09	0.04	0.01	0	2.17	2.07	3.73	3.67	3.61	3.58	0.99
2.05	1.32	0.85	0.55	0.33	0.19	0.09	0.04	0.01	0	2.38	2.07	3.71	3.68	3.61	3.57	0.98
1.99	1.27	0.82	0.53	0.33	0.18	0.08	0.04	0.01	0	1.8	0.82	3.74	3.68	3.62	3.57	0.98
1.92	1.23	0.79	0.51	0.31	0.17	0.08	0.03	0.009	0	2.23	1.78	3.74	3.67	3.62	3.58	0.98
1.85	1.19	0.77	0.5	0.3	0.17	0.07	0.03	0.008	0	2.14	2.35	3.75	3.68	3.6	3.58	0.97
1.79	1.14	0.74	0.48	0.29	0.16	0.07	0.03	0.007	0	1.95	2.15	3.76	3.69	3.64	3.61	0.97
1.72	1.1	0.72	0.47	0.28	0.15	0.06	0.03	0.006	0	1.96	2.37	3.74	3.68	3.61	3.59	0.97
1.64	1.06	0.69	0.45	0.27	0.15	0.06	0.02	0.005	0	2.14	2.55	3.72	3.67	3.61	3.59	0.96
1.57	1.01	0.66	0.43	0.26	0.14	0.05	0.02	0.005	0	2.27	2.61	3.73	3.66	3.62	3.57	0.95
1.49	0.97	0.64	0.42	0.26	0.14	0.05	0.02	0.005	0	2.22	2.36	3.72	3.67	3.6	3.56	0.95
1.41	0.93	0.62	0.4	0.25	0.13	0.05	0.02	0.004	0	1.95	2.08	3.71	3.66	3.61	3.57	0.95
1.34	0.89	0.59	0.39	0.24	0.13	0.05	0.02	0.004	0	1.61	2.3	3.7	3.66	3.61	3.57	0.94
1.27	0.85	0.57	0.38	0.23	0.12	0.05	0.02	0.004	0	2.22	2.08	3.72	3.66	3.6	3.55	0.94
1.21	0.82	0.56	0.37	0.23	0.12	0.05	0.02	0.004	0	2.26	1.95	3.72	3.67	3.6	3.55	0.94
1.15	0.79	0.54	0.36	0.22	0.12	0.05	0.02	0.004	0	2.25	2.05	3.72	3.66	3.61	3.58	0.94
1.09	0.76	0.53	0.35	0.22	0.12	0.05	0.02	0.004	0	1.75	2.36	3.74	3.65	3.6	3.58	0.94
1.05	0.74	0.52	0.35	0.22	0.12	0.05	0.02	0.006	0	2.3	2.47	3.74	3.65	3.6	3.59	0.94
1.02	0.73	0.51	0.35	0.22	0.12	0.06	0.03	0.008	0	2.49	2.43	3.73	3.66	3.65	3.59	0.95
1	0.72	0.51	0.35	0.23	0.13	0.07	0.03	0.01	0	2.2	2.44	3.73	3.67	3.63	3.58	0.95
0.98	0.71	0.51	0.36	0.23	0.14	0.07	0.04	0.01	0	1.68	2.48	3.72	3.67	3.6	3.55	0.95
0.96	0.71	0.51	0.36	0.24	0.14	0.08	0.04	0.01	0	2.16	2.01	3.71	3.67	3.59	3.58	0.96
0.95	0.7	0.51	0.36	0.24	0.14	0.08	0.05	0.01	0	1.99	2.25	3.73	3.65	3.59	3.58	0.96
0.94	0.7	0.51	0.36	0.24	0.15	0.08	0.05	0.01	0	2.02	2.25	3.73	3.65	3.6	3.58	0.97
0.94	0.69	0.5	0.35	0.24	0.14	0.08	0.05	0.01	0	1.92	2.21	3.73	3.66	3.61	3.59	0.97
0.93	0.68	0.49	0.35	0.23	0.14	0.08	0.05	0.01	0	1.85	2.36	3.74	3.67	3.61	3.59	0.98
0.92	0.67	0.48	0.34	0.23	0.14	0.08	0.04	0.01	0	2.26	2.24	3.74	3.67	3.61	3.59	0.98
0.92	0.66	0.48	0.33	0.22	0.13	0.07	0.04	0.01	0	2.48	2.33	3.75	3.67	3.63	3.61	0.98
0.91	0.65	0.47	0.32	0.21	0.13	0.07	0.04	0.01	0	2.27	2.33	3.74	3.68	3.62	3.61	0.99
0.91	0.64	0.46	0.32	0.21	0.12	0.07	0.04	0.01	0	2.04	2.25	3.72	3.67	3.6	3.6	0.99
0.91	0.64	0.45	0.31	0.2	0.12	0.07	0.04	0.01	0	2.49	2.19	3.72	3.67	3.61	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
0.91	0.64	0.45	0.31	0.2	0.12	0.07	0.04	0.01	0	2.44	2.1	3.74	3.67	3.61	3.58	1
0.91	0.63	0.45	0.3	0.19	0.12	0.06	0.04	0.01	0	1.85	2.31	3.75	3.68	3.62	3.62	1
0.91	0.63	0.44	0.3	0.19	0.12	0.06	0.04	0.01	0	2	2.4	3.74	3.7	3.64	3.61	1
0.91	0.63	0.44	0.3	0.19	0.12	0.06	0.04	0.01	0	2.19	2.43	3.73	3.68	3.63	3.58	1.01
0.91	0.63	0.44	0.29	0.19	0.12	0.06	0.04	0.01	0	2.35	2.43	3.75	3.69	3.63	3.61	1.01
0.91	0.63	0.44	0.29	0.19	0.12	0.06	0.04	0.01	0	2.36	2.44	3.76	3.7	3.62	3.64	1.01
0.91	0.63	0.44	0.29	0.19	0.12	0.06	0.04	0.01	0	1.97	2.25	3.76	3.7	3.63	3.6	1.01
0.91	0.63	0.44	0.29	0.19	0.12	0.06	0.04	0.01	0	2.2	2.26	3.75	3.68	3.62	3.63	1.01
0.9	0.63	0.44	0.3	0.2	0.12	0.06	0.04	0.02	0	2.56	2	3.74	3.68	3.61	3.6	1
0.9	0.63	0.44	0.3	0.2	0.12	0.06	0.04	0.02	0	2.51	2.14	3.74	3.68	3.59	3.56	1
0.9	0.63	0.44	0.3	0.2	0.12	0.06	0.04	0.02	0	2.14	2.22	3.75	3.67	3.61	3.58	1
0.9	0.63	0.44	0.3	0.2	0.12	0.07	0.04	0.02	0	2.04	2.5	3.74	3.68	3.61	3.58	1
0.9	0.63	0.44	0.3	0.2	0.12	0.07	0.04	0.02	0	2.5	2.42	3.73	3.69	3.63	3.57	0.99
0.89	0.63	0.45	0.31	0.21	0.13	0.07	0.05	0.02	0	2.48	2.17	3.74	3.68	3.63	3.55	0.99
0.89	0.63	0.45	0.31	0.21	0.13	0.07	0.05	0.02	0	1.91	2.45	3.73	3.68	3.61	3.56	0.99
0.88	0.63	0.45	0.31	0.21	0.13	0.07	0.05	0.02	0	2.15	2.39	3.72	3.67	3.61	3.57	0.99
0.88	0.63	0.45	0.31	0.21	0.13	0.07	0.04	0.02	0	2.17	2.41	3.73	3.67	3.61	3.57	0.98
0.88	0.63	0.45	0.31	0.21	0.13	0.07	0.04	0.02	0	2.01	2.3	3.75	3.67	3.62	3.57	0.98
0.87	0.63	0.45	0.31	0.21	0.13	0.07	0.04	0.02	0	2.29	2.09	3.73	3.66	3.59	3.57	0.98
0.87	0.63	0.44	0.31	0.21	0.13	0.07	0.04	0.01	0	1.69	2.27	3.73	3.67	3.61	3.58	0.97
0.88	0.63	0.44	0.3	0.2	0.12	0.07	0.04	0.01	0	1.66	2.41	3.72	3.67	3.6	3.57	0.97
0.9	0.63	0.44	0.3	0.2	0.12	0.06	0.03	0.01	0	1.9	2.52	3.72	3.66	3.6	3.57	0.96
0.92	0.64	0.44	0.3	0.2	0.12	0.06	0.03	0.01	0	1.9	2.1	3.73	3.68	3.61	3.58	0.96
0.96	0.66	0.45	0.3	0.2	0.12	0.06	0.03	0.01	0	1.6	2.07	3.72	3.68	3.61	3.55	0.95
1.01	0.68	0.45	0.3	0.2	0.12	0.06	0.03	0.01	0	1.72	2.38	3.72	3.67	3.59	3.57	0.95
1.07	0.7	0.46	0.3	0.2	0.11	0.06	0.03	0.008	0	2.04	2.22	3.72	3.66	3.57	3.59	0.94
1.14	0.74	0.47	0.31	0.2	0.11	0.06	0.03	0.007	0	2.19	2.41	3.71	3.65	3.61	3.56	0.94
1.23	0.78	0.49	0.31	0.2	0.11	0.05	0.02	0.006	0	1.55	2.32	3.73	3.65	3.61	3.54	0.94
1.33	0.82	0.51	0.31	0.19	0.1	0.05	0.02	0.005	0	1.71	2.1	3.71	3.66	3.59	3.54	0.94
1.43	0.87	0.53	0.32	0.19	0.1	0.05	0.02	0.005	0	2.4	2.29	3.72	3.65	3.61	3.55	0.94
1.53	0.92	0.55	0.32	0.19	0.1	0.04	0.02	0.006	0	2.46	2.21	3.72	3.66	3.6	3.56	0.94
1.64	0.98	0.57	0.33	0.19	0.1	0.04	0.01	0.006	0	2.24	1.93	3.75	3.67	3.58	3.59	0.94
1.74	1.04	0.6	0.34	0.19	0.1	0.04	0.01	0.007	0	2.1	2.44	3.74	3.68	3.61	3.6	0.94
1.83	1.1	0.63	0.36	0.2	0.1	0.04	0.01	0.007	0	2.53	2.45	3.74	3.71	3.62	3.62	0.95
1.92	1.15	0.66	0.37	0.2	0.1	0.05	0.01	0.007	0	2.5	2.26	3.76	3.68	3.61	3.62	0.95
1.99	1.21	0.69	0.39	0.21	0.11	0.05	0.02	0.008	0	1.78	2.13	3.74	3.68	3.62	3.62	0.95
2.07	1.26	0.73	0.41	0.22	0.11	0.05	0.02	0.009	0	2.42	2.16	3.72	3.66	3.61	3.58	0.95
2.14	1.32	0.77	0.43	0.23	0.12	0.06	0.02	0.01	0	2.64	2.08	3.71	3.65	3.6	3.55	0.95
2.22	1.38	0.81	0.45	0.24	0.12	0.06	0.02	0.01	0	2.38	2.05	3.71	3.64	3.61	3.58	0.96
2.3	1.45	0.85	0.47	0.25	0.13	0.06	0.03	0.01	0	1.87	2.51	3.71	3.65	3.59	3.56	0.96
2.39	1.51	0.9	0.5	0.26	0.13	0.06	0.03	0.01	0	2.53	2.46	3.73	3.66	3.62	3.56	0.97
2.48	1.59	0.94	0.52	0.26	0.13	0.06	0.03	0.01	0	2.51	2.49	3.72	3.68	3.6	3.58	0.97
2.59	1.67	0.99	0.54	0.27	0.13	0.06	0.03	0.01	0	1.86	2.47	3.74	3.68	3.66	3.57	0.98
2.7	1.74	1.03	0.56	0.27	0.13	0.06	0.02	0.01	0	2.2	2.21	3.75	3.68	3.63	3.6	0.99
2.81	1.83	1.08	0.58	0.28	0.13	0.06	0.02	0.01	0	2.2	2.2	3.74	3.69	3.64	3.59	1
2.92	1.91	1.13	0.6	0.29	0.13	0.05	0.02	0.01	0	1.7	2.34	3.76	3.7	3.63	3.63	1.01
3.03	1.99	1.18	0.63	0.3	0.13	0.05	0.02	0.01	0	2.29	2.44	3.76	3.71	3.63	3.65	1.01
3.13	2.07	1.24	0.65	0.31	0.14	0.06	0.03	0.01	0	2.33	2.42	3.76	3.69	3.64	3.63	1.02
3.24	2.16	1.29	0.68	0.32	0.14	0.06	0.03	0.01	0	1.62	2.13	3.74	3.69	3.63	3.59	1.02
3.34	2.24	1.35	0.72	0.34	0.15	0.06	0.03	0.01	0	2.14	2.31	3.73	3.67	3.62	3.57	1.03
3.44	2.33	1.41	0.75	0.36	0.16	0.07	0.03	0.01	0	1.85	2.34	3.72	3.67	3.61	3.56	1.03
3.54	2.42	1.47	0.79	0.37	0.17	0.07	0.03	0.01	0	2.08	2.4	3.74	3.69	3.62	3.57	1.03
3.63	2.5	1.53	0.82	0.39	0.18	0.07	0.04	0.01	0	2.34	2.34	3.76	3.69	3.63	3.6	1.03
3.71	2.58	1.59	0.86	0.41	0.18	0.07	0.04	0.01	0	2.17	2.23	3.76	3.7	3.65	3.6	1.03

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.78	2.65	1.65	0.9	0.43	0.19	0.08	0.04	0.01	0	1.81	2.45	3.76	3.7	3.67	3.62	1.03
3.84	2.72	1.71	0.94	0.45	0.2	0.08	0.03	0.01	0	1.93	2.33	3.76	3.7	3.66	3.62	1.02
3.89	2.78	1.77	0.98	0.47	0.21	0.08	0.03	0.01	0	1.81	2.18	3.75	3.69	3.66	3.59	1.02
3.93	2.84	1.83	1.03	0.5	0.22	0.08	0.03	0.01	0	2.27	2.26	3.76	3.69	3.63	3.58	1.01
3.97	2.89	1.89	1.07	0.52	0.23	0.08	0.03	0.01	0	2.21	2.25	3.75	3.68	3.62	3.56	1.01
4.01	2.96	1.95	1.12	0.55	0.24	0.08	0.03	0.008	0	1.82	2.36	3.73	3.67	3.61	3.58	1
4.07	3.03	2.02	1.17	0.58	0.25	0.08	0.02	0.004	0	2.34	2.37	3.73	3.66	3.6	3.57	1
4.14	3.11	2.09	1.23	0.61	0.26	0.08	0.02	-0.001	0	2.02	2.23	3.73	3.65	3.62	3.59	0.99
4.22	3.2	2.17	1.28	0.64	0.27	0.09	0.02	-0.002	0	2.27	2.48	3.74	3.66	3.62	3.58	0.99
4.3	3.28	2.24	1.33	0.67	0.28	0.09	0.02	-0.001	0	2.48	2.51	3.75	3.68	3.63	3.59	0.98
4.37	3.35	2.31	1.38	0.7	0.29	0.1	0.02	-0.001	0	2.24	2.46	3.74	3.7	3.61	3.6	0.98
4.44	3.42	2.37	1.43	0.73	0.31	0.1	0.02	-0.001	0	1.99	2.52	3.75	3.69	3.64	3.61	0.98
4.49	3.47	2.42	1.48	0.76	0.32	0.1	0.03	-0.001	0	2.51	2.31	3.73	3.68	3.62	3.61	0.97
4.52	3.52	2.47	1.52	0.79	0.34	0.11	0.03	-0.001	0	2.5	2.26	3.73	3.68	3.63	3.57	0.97
4.54	3.55	2.5	1.55	0.82	0.35	0.12	0.03	-0.001	0	2.04	2.49	3.72	3.67	3.61	3.56	0.96
4.56	3.57	2.53	1.58	0.84	0.37	0.12	0.03	0	0	2.25	2.46	3.71	3.65	3.6	3.57	0.95
4.57	3.59	2.56	1.61	0.86	0.38	0.13	0.04	0	0	2.53	2.16	3.71	3.67	3.59	3.56	0.94
4.58	3.6	2.58	1.63	0.88	0.39	0.14	0.04	0	0	2.35	2.22	3.73	3.68	3.6	3.56	0.93
4.59	3.61	2.59	1.65	0.9	0.4	0.14	0.04	0.001	0	1.9	1.69	3.73	3.66	3.6	3.55	0.93
4.6	3.62	2.6	1.66	0.91	0.41	0.15	0.04	0.001	0	2.14	2.1	3.72	3.66	3.57	3.57	0.92
4.6	3.62	2.61	1.67	0.92	0.41	0.15	0.04	0.002	0	2.02	2.1	3.72	3.66	3.6	3.58	0.91
4.61	3.63	2.62	1.68	0.93	0.42	0.15	0.05	0.006	0	1.79	2.22	3.73	3.67	3.61	3.57	0.91
4.62	3.64	2.64	1.7	0.94	0.43	0.16	0.05	0.01	0	1.99	2.07	3.71	3.65	3.58	3.57	0.91
4.62	3.65	2.64	1.7	0.95	0.44	0.17	0.05	0.01	0	1.95	2.17	3.7	3.64	3.59	3.54	0.91
4.63	3.66	2.65	1.71	0.95	0.44	0.17	0.06	0.01	0	2.02	2.22	3.7	3.63	3.56	3.54	0.91
4.64	3.67	2.66	1.72	0.96	0.45	0.17	0.06	0.01	0	2.41	2.36	3.71	3.66	3.58	3.55	0.92
4.66	3.68	2.67	1.73	0.96	0.45	0.17	0.06	0.01	0	2.24	2.44	3.71	3.65	3.61	3.59	0.92
4.67	3.69	2.68	1.73	0.96	0.45	0.17	0.06	0.01	0	1.89	2.33	3.73	3.67	3.6	3.58	0.93
4.69	3.7	2.68	1.73	0.96	0.45	0.17	0.06	0.01	0	2.34	2.33	3.76	3.68	3.62	3.59	0.94
4.7	3.71	2.68	1.73	0.97	0.45	0.17	0.06	0.01	0	2.02	2.3	3.75	3.7	3.62	3.63	0.95
4.7	3.71	2.68	1.73	0.96	0.45	0.17	0.06	0.01	0	2.07	2.23	3.77	3.7	3.63	3.65	0.96
4.69	3.7	2.67	1.72	0.96	0.45	0.17	0.06	0.01	0	2.28	2.34	3.77	3.69	3.63	3.64	0.96
4.68	3.69	2.67	1.72	0.96	0.45	0.17	0.06	0.01	0	1.68	2.49	3.77	3.69	3.62	3.63	0.97
4.66	3.67	2.66	1.71	0.96	0.45	0.17	0.05	0.01	0	2.2	2.34	3.74	3.66	3.59	3.58	0.97
4.64	3.66	2.65	1.71	0.96	0.45	0.17	0.05	0.01	0	2.17	2.03	3.73	3.66	3.6	3.57	0.98
4.63	3.65	2.64	1.71	0.96	0.45	0.17	0.05	0.008	0	1.71	1.94	3.72	3.67	3.65	3.58	0.98
4.62	3.64	2.64	1.71	0.96	0.45	0.17	0.05	0.008	0	1.95	2.43	3.74	3.68	3.65	3.59	0.98
4.62	3.64	2.64	1.71	0.96	0.45	0.17	0.05	0.008	0	2.04	2.32	3.75	3.68	3.62	3.58	0.99
4.62	3.65	2.64	1.71	0.96	0.45	0.17	0.05	0.008	0	1.69	2.13	3.75	3.7	3.62	3.6	0.99
4.63	3.65	2.65	1.71	0.96	0.45	0.17	0.05	0.007	0	1.72	1.82	3.75	3.68	3.63	3.59	0.99
4.63	3.66	2.65	1.72	0.97	0.46	0.17	0.05	0.008	0	1.76	2.12	3.75	3.69	3.64	3.61	0.99
4.63	3.66	2.66	1.72	0.97	0.46	0.17	0.05	0.008	0	1.78	2.12	3.75	3.69	3.62	3.61	0.99
4.63	3.67	2.66	1.72	0.97	0.46	0.17	0.05	0.008	0	2.46	2.38	3.75	3.68	3.62	3.61	0.99
4.62	3.67	2.67	1.73	0.97	0.46	0.17	0.05	0.008	0	2.61	2.28	3.73	3.68	3.62	3.58	0.99
4.62	3.68	2.67	1.73	0.98	0.47	0.18	0.06	0.009	0	2.16	2.27	3.74	3.67	3.63	3.57	0.99
4.61	3.68	2.68	1.74	0.98	0.47	0.18	0.06	0.01	0	2.53	2.54	3.77	3.68	3.63	3.59	0.99
4.6	3.68	2.69	1.74	0.99	0.47	0.18	0.06	0.01	0	2.85	2.64	3.77	3.69	3.65	3.58	0.99
4.6	3.68	2.69	1.75	0.99	0.48	0.19	0.07	0.01	0	2.75	2.56	3.78	3.68	3.65	3.58	0.98
4.61	3.68	2.69	1.75	0.99	0.48	0.19	0.07	0.01	0	1.77	2.39	3.75	3.67	3.62	3.58	0.98
4.62	3.69	2.69	1.75	1	0.48	0.19	0.07	0.01	0	2.65	2.37	3.72	3.66	3.61	3.56	0.98
4.62	3.69	2.69	1.75	0.99	0.48	0.19	0.07	0.01	0	2.75	2.49	3.72	3.67	3.59	3.58	0.97
4.63	3.69	2.69	1.74	0.99	0.48	0.19	0.07	0.01	0	2.54	2.32	3.74	3.68	3.6	3.57	0.97
4.64	3.68	2.68	1.74	0.98	0.48	0.19	0.07	0.01	0	1.76	2.11	3.74	3.68	3.62	3.59	0.96
4.64	3.68	2.67	1.73	0.98	0.48	0.19	0.07	0.01	0	2.38	2.37	3.74	3.68	3.64	3.61	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.63	3.68	2.67	1.73	0.98	0.47	0.19	0.07	0.01	0	2.51	2.48	3.73	3.67	3.65	3.58	0.95
4.64	3.68	2.67	1.73	0.98	0.48	0.19	0.07	0.01	0	2.3	2.45	3.74	3.66	3.62	3.57	0.94
4.65	3.69	2.68	1.73	0.98	0.48	0.19	0.07	0.01	0	1.83	2.26	3.73	3.65	3.6	3.57	0.94
4.67	3.71	2.69	1.74	0.98	0.48	0.2	0.07	0.02	0	2.42	2.27	3.71	3.64	3.58	3.53	0.94
4.71	3.73	2.7	1.74	0.98	0.48	0.2	0.07	0.02	0	2.24	2.35	3.69	3.64	3.57	3.52	0.93
4.76	3.77	2.72	1.75	0.98	0.48	0.2	0.08	0.02	0	1.81	2.22	3.69	3.66	3.59	3.54	0.93
4.82	3.81	2.74	1.75	0.98	0.47	0.2	0.08	0.02	0	2.16	2.31	3.7	3.64	3.58	3.55	0.93
4.88	3.85	2.76	1.76	0.97	0.47	0.19	0.07	0.02	0	1.84	2.34	3.72	3.65	3.59	3.55	0.93
4.94	3.89	2.78	1.76	0.97	0.46	0.19	0.07	0.02	0	1.72	2.4	3.72	3.67	3.62	3.6	0.93
4.99	3.93	2.8	1.77	0.97	0.46	0.19	0.07	0.02	0	2.06	2.38	3.75	3.69	3.65	3.6	0.93
5.02	3.95	2.82	1.77	0.97	0.46	0.19	0.07	0.02	0	2	2.44	3.75	3.69	3.64	3.63	0.94
5.04	3.96	2.83	1.78	0.97	0.46	0.19	0.07	0.02	0	2.06	2.21	3.75	3.69	3.62	3.64	0.94
5.04	3.97	2.83	1.79	0.98	0.46	0.19	0.07	0.02	0	2.42	2.24	3.74	3.69	3.62	3.62	0.94
5.02	3.96	2.83	1.79	0.98	0.47	0.19	0.07	0.02	0	2.25	2.12	3.73	3.66	3.61	3.57	0.94
5	3.95	2.83	1.8	0.99	0.48	0.19	0.07	0.02	0	1.82	1.92	3.73	3.65	3.6	3.57	0.94
4.97	3.93	2.82	1.8	1	0.48	0.2	0.07	0.02	0	2.16	2.31	3.71	3.64	3.59	3.58	0.95
4.96	3.92	2.82	1.8	1	0.48	0.2	0.08	0.02	0	1.59	2.38	3.7	3.66	3.61	3.57	0.95
4.95	3.91	2.82	1.8	1.01	0.49	0.2	0.08	0.02	0	2	2.4	3.72	3.66	3.63	3.55	0.96
4.95	3.92	2.82	1.81	1.01	0.49	0.2	0.08	0.02	0	2.12	2.42	3.72	3.66	3.65	3.54	0.96
4.97	3.93	2.83	1.81	1.02	0.49	0.21	0.08	0.02	0	2.2	2.33	3.72	3.67	3.63	3.58	0.97
4.99	3.94	2.84	1.81	1.02	0.49	0.21	0.08	0.02	0	2.16	2.43	3.73	3.67	3.63	3.59	0.98
5.01	3.95	2.84	1.82	1.02	0.5	0.21	0.08	0.02	0	1.71	2.12	3.75	3.68	3.62	3.6	0.99
5.03	3.96	2.85	1.82	1.02	0.5	0.21	0.08	0.02	0	2.39	1.31	3.76	3.69	3.62	3.62	1
5.04	3.97	2.85	1.82	1.02	0.5	0.21	0.08	0.02	0	2.46	2.07	3.76	3.69	3.62	3.63	1
5.03	3.97	2.85	1.82	1.02	0.5	0.21	0.08	0.02	0	2.08	2.06	3.78	3.71	3.63	3.63	1.01
5.01	3.95	2.84	1.82	1.03	0.5	0.21	0.08	0.02	0	1.96	2.4	3.77	3.72	3.63	3.63	1.02
4.98	3.93	2.83	1.81	1.03	0.5	0.21	0.08	0.02	0	2.23	2.5	3.77	3.69	3.61	3.62	1.02
4.93	3.9	2.81	1.81	1.02	0.5	0.21	0.08	0.02	0	2.01	2.41	3.75	3.68	3.6	3.58	1.02
4.88	3.85	2.78	1.79	1.02	0.5	0.21	0.08	0.02	0	1.92	2.54	3.73	3.69	3.61	3.55	1.02
4.82	3.81	2.75	1.78	1.01	0.49	0.2	0.07	0.01	0	2.23	2.61	3.75	3.7	3.61	3.58	1.02
4.76	3.77	2.72	1.76	1	0.49	0.2	0.07	0.01	0	2.47	2.46	3.75	3.69	3.61	3.59	1.03
4.71	3.72	2.69	1.75	1	0.48	0.19	0.06	0.01	0	2.16	2.33	3.76	3.68	3.62	3.61	1.03
4.65	3.68	2.67	1.74	0.99	0.48	0.19	0.06	0.01	0	2.09	1.56	3.75	3.69	3.64	3.58	1.03
4.6	3.64	2.64	1.73	0.99	0.48	0.18	0.06	0.01	0	2.35	2.2	3.76	3.7	3.63	3.59	1.03
4.55	3.6	2.62	1.72	0.99	0.48	0.18	0.06	0.01	0	1.52	2.41	3.75	3.7	3.63	3.62	1.03
4.49	3.56	2.6	1.72	0.99	0.48	0.18	0.06	0.01	0	2.19	2.42	3.75	3.7	3.63	3.6	1.03
4.45	3.53	2.59	1.72	0.99	0.48	0.18	0.06	0.01	0	2.11	2.49	3.74	3.68	3.59	3.6	1.03
4.41	3.5	2.58	1.71	1	0.49	0.18	0.06	0.009	0	1.9	2.46	3.75	3.69	3.62	3.58	1.03
4.38	3.48	2.57	1.71	1	0.49	0.18	0.06	0.009	0	2.08	2.17	3.74	3.68	3.63	3.56	1.03
4.36	3.46	2.56	1.71	1	0.49	0.18	0.06	0.009	0	2.33	1.46	3.74	3.68	3.61	3.55	1.03
4.34	3.45	2.55	1.7	0.99	0.48	0.18	0.06	0.009	0	2.01	2.03	3.74	3.68	3.62	3.56	1.03
4.33	3.45	2.54	1.7	0.99	0.48	0.18	0.06	0.009	0	1.93	2.5	3.76	3.68	3.61	3.59	1.03
4.33	3.44	2.54	1.69	0.99	0.48	0.18	0.06	0.009	0	1.6	2.48	3.75	3.69	3.63	3.59	1.03
4.32	3.44	2.54	1.69	0.98	0.48	0.18	0.06	0.009	0	1.55	2.46	3.76	3.68	3.64	3.59	1.03
4.31	3.44	2.53	1.68	0.98	0.48	0.18	0.06	0.01	0	1.68	2.25	3.75	3.7	3.62	3.6	1.03
4.31	3.43	2.53	1.68	0.98	0.48	0.18	0.06	0.01	0	1.91	2.51	3.76	3.7	3.63	3.6	1.03
4.3	3.43	2.53	1.68	0.98	0.48	0.18	0.06	0.01	0	2.01	2.41	3.75	3.68	3.63	3.58	1.02
4.3	3.43	2.53	1.68	0.98	0.48	0.18	0.06	0.01	0	1.92	2.23	3.75	3.68	3.64	3.57	1.02
4.3	3.43	2.53	1.68	0.97	0.48	0.18	0.06	0.01	0	2.16	2.34	3.73	3.68	3.61	3.57	1.01
4.31	3.44	2.54	1.68	0.97	0.48	0.18	0.06	0.01	0	1.85	2.35	3.72	3.67	3.62	3.59	1.01
4.33	3.46	2.54	1.68	0.97	0.48	0.18	0.06	0.01	0	1.98	2.3	3.73	3.68	3.61	3.58	1
4.35	3.47	2.55	1.68	0.97	0.47	0.18	0.06	0.01	0	1.7	2.2	3.75	3.69	3.62	3.56	1
4.37	3.49	2.57	1.69	0.97	0.47	0.18	0.06	0.008	0	2.31	2.21	3.74	3.7	3.63	3.57	0.99
4.4	3.52	2.58	1.7	0.97	0.47	0.17	0.05	0.007	0	2.17	2.22	3.72	3.69	3.62	3.6	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.42	3.54	2.6	1.71	0.97	0.47	0.17	0.05	0.006	0	1.88	2.45	3.73	3.69	3.62	3.57	0.98
4.44	3.56	2.63	1.73	0.98	0.47	0.17	0.05	0.006	0	2.46	2.46	3.73	3.69	3.62	3.58	0.98
4.46	3.59	2.65	1.75	0.99	0.47	0.17	0.05	0.006	0	2.26	2.3	3.75	3.67	3.61	3.57	0.97
4.48	3.61	2.68	1.77	1	0.47	0.17	0.05	0.006	0	1.69	2.34	3.73	3.65	3.6	3.58	0.97
4.51	3.65	2.71	1.79	1.01	0.47	0.17	0.05	0.007	0	2.15	2.31	3.71	3.66	3.61	3.57	0.97
4.54	3.68	2.74	1.81	1.02	0.47	0.17	0.05	0.008	0	2.08	2.35	3.73	3.68	3.6	3.55	0.96
4.56	3.71	2.77	1.84	1.04	0.48	0.17	0.05	0.008	0	2.01	2.51	3.73	3.69	3.62	3.57	0.96
4.59	3.74	2.8	1.86	1.05	0.48	0.17	0.05	0.009	0	1.28	2.33	3.74	3.68	3.61	3.59	0.96
4.62	3.77	2.82	1.87	1.06	0.48	0.17	0.05	0.01	0	1.87	2.47	3.75	3.68	3.61	3.61	0.96
4.63	3.78	2.84	1.89	1.07	0.49	0.18	0.05	0.01	0	1.49	2.38	3.75	3.67	3.63	3.62	0.95
4.64	3.79	2.85	1.9	1.08	0.5	0.18	0.05	0.01	0	2.02	2.32	3.74	3.68	3.61	3.58	0.95
4.65	3.8	2.86	1.91	1.09	0.5	0.19	0.05	0.01	0	2.39	2.37	3.72	3.66	3.61	3.57	0.94
4.65	3.8	2.87	1.92	1.1	0.51	0.19	0.06	0.01	0	2.08	2.24	3.72	3.66	3.6	3.56	0.94
4.66	3.81	2.88	1.94	1.11	0.52	0.2	0.06	0.01	0	2.14	2.24	3.72	3.66	3.6	3.54	0.94
4.67	3.82	2.89	1.95	1.13	0.54	0.2	0.06	0.01	0	2.55	2.17	3.73	3.67	3.61	3.56	0.94
4.69	3.84	2.91	1.97	1.14	0.55	0.21	0.06	0.01	0	2.49	2.4	3.73	3.66	3.62	3.56	0.93
4.71	3.86	2.93	1.98	1.16	0.56	0.22	0.07	0.01	0	1.92	2.02	3.73	3.66	3.63	3.56	0.93
4.74	3.88	2.95	2	1.17	0.57	0.22	0.07	0.01	0	2.07	2.04	3.72	3.67	3.59	3.58	0.93
4.78	3.91	2.97	2.02	1.19	0.58	0.23	0.07	0.01	0	2.34	2.23	3.71	3.68	3.61	3.55	0.93
4.81	3.94	3	2.05	1.21	0.6	0.23	0.07	0.01	0	2.31	2.37	3.73	3.67	3.6	3.58	0.93
4.84	3.97	3.03	2.07	1.23	0.61	0.24	0.07	0.01	0	2.27	2.33	3.71	3.68	3.59	3.55	0.93
4.86	4	3.06	2.1	1.25	0.62	0.24	0.08	0.01	0	1.76	2.31	3.74	3.67	3.63	3.58	0.94
4.88	4.02	3.09	2.13	1.27	0.63	0.25	0.08	0.01	0	2.2	2.43	3.74	3.67	3.63	3.6	0.94
4.89	4.05	3.12	2.16	1.29	0.64	0.25	0.08	0.01	0	2.44	2.27	3.73	3.67	3.62	3.6	0.94
4.9	4.07	3.15	2.19	1.32	0.66	0.26	0.08	0.01	0	2.36	2.22	3.71	3.66	3.6	3.57	0.94
4.91	4.09	3.18	2.23	1.34	0.67	0.26	0.08	0.01	0	2.4	2.16	3.72	3.65	3.6	3.58	0.95
4.92	4.11	3.21	2.26	1.36	0.68	0.27	0.08	0.01	0	1.78	2	3.73	3.66	3.63	3.57	0.96
4.94	4.13	3.24	2.28	1.38	0.69	0.27	0.09	0.01	0	2.43	1.99	3.73	3.66	3.59	3.58	0.97
4.96	4.16	3.27	2.31	1.4	0.7	0.27	0.09	0.01	0	2.74	2.31	3.73	3.67	3.59	3.56	0.97
4.99	4.19	3.29	2.33	1.42	0.71	0.28	0.09	0.01	0	2.7	2.45	3.75	3.67	3.62	3.57	0.98
5.02	4.21	3.31	2.36	1.44	0.72	0.28	0.09	0.01	0	2.21	2.12	3.74	3.68	3.63	3.63	0.99
5.04	4.23	3.34	2.38	1.46	0.73	0.29	0.09	0.01	0	2.33	2.15	3.75	3.71	3.63	3.64	1
5.06	4.25	3.35	2.39	1.47	0.74	0.29	0.1	0.02	0	2.68	2.55	3.78	3.71	3.65	3.65	1.01
5.07	4.26	3.36	2.41	1.49	0.75	0.3	0.1	0.02	0	2.62	2.54	3.78	3.72	3.66	3.67	1.01
5.07	4.26	3.37	2.43	1.51	0.77	0.31	0.1	0.02	0	2.37	2.54	3.76	3.7	3.65	3.66	1.02
5.06	4.26	3.38	2.44	1.52	0.79	0.32	0.1	0.02	0	1.9	2.57	3.76	3.69	3.64	3.62	1.02
5.05	4.26	3.39	2.45	1.54	0.8	0.33	0.11	0.02	0	2.36	2.25	3.75	3.67	3.62	3.59	1.02
5.04	4.26	3.39	2.46	1.55	0.81	0.33	0.11	0.02	0	2.5	2.17	3.72	3.67	3.61	3.57	1.02
5.04	4.26	3.39	2.46	1.56	0.82	0.34	0.11	0.02	0	2.16	2.23	3.71	3.67	3.61	3.56	1.02
5.04	4.26	3.39	2.46	1.56	0.82	0.33	0.11	0.02	0	1.89	2.09	3.73	3.7	3.6	3.56	1.02
5.05	4.27	3.39	2.46	1.56	0.82	0.34	0.11	0.02	0	2.23	1.97	3.76	3.7	3.64	3.61	1.02
5.05	4.27	3.39	2.46	1.56	0.82	0.34	0.11	0.02	0	2.06	1.9	3.76	3.71	3.66	3.63	1.02
5.06	4.27	3.39	2.46	1.56	0.82	0.34	0.11	0.02	0	1.88	2.34	3.76	3.7	3.63	3.62	1.02
5.06	4.27	3.39	2.46	1.55	0.82	0.34	0.11	0.02	0	2.21	2.57	3.76	3.69	3.62	3.6	1.02
5.05	4.27	3.39	2.45	1.55	0.82	0.34	0.11	0.02	0	1.86	2.46	3.76	3.7	3.6	3.6	1.02
5.04	4.26	3.38	2.45	1.55	0.82	0.34	0.11	0.02	0	2	2.15	3.76	3.69	3.6	3.59	1.01
5.02	4.25	3.38	2.45	1.55	0.82	0.34	0.11	0.02	0	1.81	2.24	3.74	3.69	3.6	3.58	1.01
5.01	4.24	3.37	2.44	1.55	0.82	0.34	0.11	0.02	0	2.36	2.19	3.73	3.67	3.59	3.57	1.01
5	4.23	3.36	2.44	1.55	0.82	0.34	0.11	0.02	0	2.47	2.14	3.72	3.68	3.59	3.56	1.01
4.99	4.22	3.35	2.43	1.54	0.82	0.34	0.11	0.02	0	2.43	2.22	3.74	3.67	3.61	3.56	1
4.99	4.21	3.35	2.42	1.54	0.82	0.33	0.11	0.02	0	2.18	2.34	3.74	3.67	3.63	3.56	1
5	4.21	3.34	2.42	1.53	0.81	0.33	0.11	0.02	0	2.59	2.52	3.75	3.7	3.61	3.6	1
5	4.21	3.34	2.41	1.53	0.81	0.33	0.11	0.02	0	2.25	2.43	3.76	3.71	3.64	3.6	1
5.01	4.22	3.34	2.41	1.52	0.81	0.33	0.11	0.02	0	1.97	2.35	3.74	3.68	3.62	3.6	1

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
5.01	4.22	3.33	2.41	1.52	0.8	0.33	0.11	0.02	0	2.35	1.89	3.74	3.69	3.61	3.58	0.99
5.01	4.22	3.33	2.4	1.52	0.8	0.33	0.11	0.02	0	2.22	2.24	3.75	3.7	3.63	3.57	0.99
5.01	4.22	3.33	2.4	1.51	0.8	0.33	0.11	0.02	0	1.77	2.22	3.74	3.67	3.62	3.56	0.99
5.01	4.22	3.33	2.4	1.51	0.8	0.33	0.11	0.02	0	1.6	2.22	3.73	3.68	3.63	3.57	0.98
5.01	4.22	3.34	2.4	1.51	0.79	0.33	0.11	0.02	0	2.14	2.42	3.73	3.68	3.63	3.59	0.98
5.02	4.23	3.35	2.4	1.51	0.79	0.33	0.11	0.02	0	2.18	2.39	3.75	3.68	3.63	3.57	0.97
5.04	4.25	3.36	2.41	1.51	0.79	0.33	0.11	0.02	0	1.96	1.89	3.73	3.7	3.6	3.55	0.97
5.06	4.27	3.37	2.41	1.51	0.79	0.33	0.11	0.02	0	1.87	1.88	3.73	3.68	3.6	3.57	0.97
5.08	4.29	3.39	2.42	1.51	0.78	0.32	0.1	0.02	0	2	2.22	3.73	3.68	3.6	3.58	0.96
5.11	4.31	3.4	2.43	1.5	0.78	0.32	0.1	0.02	0	2	2.25	3.74	3.66	3.63	3.59	0.96
5.13	4.33	3.42	2.43	1.5	0.77	0.31	0.1	0.02	0	1.78	2.15	3.75	3.68	3.61	3.6	0.96
5.15	4.35	3.43	2.44	1.5	0.76	0.31	0.1	0.02	0	1.74	2.38	3.75	3.69	3.61	3.6	0.96
5.16	4.36	3.44	2.44	1.5	0.76	0.3	0.1	0.02	0	1.62	2.43	3.74	3.67	3.63	3.6	0.96
5.17	4.37	3.45	2.45	1.5	0.75	0.3	0.1	0.02	0	1.94	2.43	3.75	3.66	3.63	3.58	0.96
5.18	4.38	3.46	2.45	1.49	0.75	0.29	0.09	0.02	0	1.88	2.37	3.75	3.67	3.63	3.58	0.96
5.19	4.39	3.46	2.45	1.49	0.74	0.29	0.09	0.02	0	1.79	1.96	3.73	3.65	3.62	3.58	0.96
5.2	4.4	3.47	2.45	1.48	0.73	0.28	0.09	0.02	0	2.11	2.33	3.73	3.66	3.6	3.56	0.96
5.21	4.4	3.47	2.44	1.47	0.72	0.28	0.09	0.02	0	1.8	2.41	3.73	3.68	3.58	3.56	0.96
5.21	4.4	3.46	2.43	1.45	0.71	0.27	0.09	0.02	0	1.87	2.37	3.75	3.69	3.61	3.59	0.96
5.21	4.4	3.45	2.42	1.44	0.7	0.26	0.08	0.02	0	2.17	2.62	3.76	3.67	3.64	3.6	0.96
5.2	4.38	3.43	2.39	1.42	0.69	0.26	0.08	0.02	0	1.76	2.58	3.75	3.68	3.62	3.61	0.96
5.18	4.36	3.4	2.37	1.39	0.67	0.25	0.08	0.01	0	1.66	2.38	3.74	3.68	3.63	3.62	0.96
5.16	4.33	3.37	2.33	1.36	0.65	0.24	0.08	0.01	0	2.12	2.47	3.73	3.69	3.62	3.61	0.96
5.13	4.29	3.32	2.29	1.33	0.63	0.23	0.07	0.01	0	2.36	2.34	3.74	3.68	3.6	3.61	0.96
5.1	4.24	3.27	2.24	1.3	0.61	0.23	0.07	0.01	0	2.23	2.45	3.72	3.68	3.6	3.58	0.96
5.06	4.19	3.21	2.19	1.27	0.6	0.22	0.07	0.01	0	1.81	2.31	3.72	3.67	3.6	3.57	0.97
5.02	4.14	3.15	2.13	1.23	0.58	0.22	0.07	0.01	0	2.42	2.31	3.73	3.67	3.62	3.6	0.97
4.98	4.07	3.08	2.07	1.19	0.56	0.21	0.07	0.01	0	2.51	2.43	3.74	3.69	3.6	3.61	0.97
3.84	2.81	1.9	1.16	0.63	0.3	0.12	0.04	0.01	0	1.71	1.98	3.7	3.64	3.6	3.55	0.97
3.84	2.81	1.9	1.16	0.63	0.29	0.11	0.04	0.009	0	1.73	2.13	3.69	3.63	3.6	3.54	0.97
3.85	2.81	1.9	1.16	0.62	0.29	0.11	0.04	0.008	0	1.78	2.29	3.72	3.65	3.61	3.55	0.98
3.86	2.82	1.9	1.16	0.62	0.29	0.11	0.04	0.008	0	1.7	2.37	3.74	3.67	3.6	3.56	0.98
3.88	2.82	1.9	1.15	0.62	0.28	0.11	0.04	0.008	0	2.11	2.35	3.73	3.68	3.61	3.59	0.98
3.89	2.83	1.9	1.15	0.62	0.28	0.11	0.04	0.008	0	2.36	2.36	3.74	3.68	3.61	3.61	0.99
3.91	2.84	1.9	1.15	0.62	0.28	0.11	0.04	0.008	0	2.19	2.3	3.75	3.69	3.62	3.64	0.99
3.92	2.85	1.91	1.15	0.62	0.28	0.11	0.04	0.008	0	2.34	2.58	3.76	3.7	3.65	3.65	0.99
3.93	2.86	1.92	1.16	0.62	0.29	0.11	0.04	0.008	0	2.33	2.49	3.76	3.69	3.64	3.63	1
3.94	2.88	1.93	1.17	0.63	0.29	0.11	0.04	0.01	0	1.9	2.39	3.76	3.68	3.62	3.58	1
3.97	2.91	1.96	1.19	0.64	0.3	0.12	0.05	0.01	0	2.15	2.15	3.74	3.68	3.64	3.56	1
4.01	2.94	1.98	1.2	0.65	0.31	0.13	0.05	0.01	0	2.28	2.29	3.73	3.65	3.63	3.53	1
4.05	2.98	2	1.22	0.66	0.31	0.13	0.05	0.01	0	2.42	2.24	3.73	3.64	3.62	3.55	1
4.1	3.02	2.03	1.23	0.67	0.32	0.13	0.06	0.01	0	2.41	2.32	3.73	3.68	3.63	3.57	1.01
4.16	3.06	2.06	1.25	0.67	0.32	0.13	0.06	0.01	0	1.82	2.37	3.75	3.69	3.62	3.58	1.01
4.22	3.1	2.08	1.26	0.67	0.32	0.13	0.05	0.01	0	2.3	2.35	3.76	3.7	3.65	3.64	1.01
4.26	3.14	2.11	1.27	0.68	0.32	0.13	0.05	0.01	0	2.52	2.48	3.77	3.71	3.65	3.65	1.01
4.3	3.17	2.13	1.29	0.68	0.32	0.13	0.05	0.01	0	2.09	2.43	3.76	3.69	3.63	3.62	1.01
4.33	3.2	2.16	1.3	0.69	0.33	0.14	0.05	0.01	0	2.15	2.35	3.76	3.7	3.63	3.61	1.01
4.34	3.22	2.18	1.32	0.71	0.33	0.14	0.06	0.01	0	2.54	2.3	3.73	3.68	3.61	3.58	1.01
4.35	3.24	2.2	1.34	0.72	0.34	0.14	0.06	0.01	0	2.46	2.23	3.73	3.67	3.6	3.56	1.01
4.36	3.26	2.23	1.36	0.74	0.35	0.15	0.06	0.01	0	1.65	2.26	3.73	3.67	3.63	3.56	1.01
4.37	3.29	2.25	1.38	0.75	0.36	0.15	0.06	0.01	0	2.31	2.37	3.74	3.66	3.63	3.57	1.01
3.25	2.17	1.33	0.74	0.36	0.15	0.06	0.02	0.009	0	2.49	2.43	3.74	3.68	3.62	3.58	0.99
3.31	2.22	1.36	0.75	0.36	0.15	0.06	0.03	0.01	0	2.69	2.41	3.73	3.66	3.61	3.59	0.99
3.36	2.27	1.39	0.76	0.37	0.15	0.06	0.03	0.01	0	2.23	2.16	3.74	3.68	3.61	3.57	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.4	2.31	1.42	0.78	0.38	0.16	0.06	0.03	0.01	0	2.25	2.25	3.75	3.68	3.6	3.58	0.99
3.43	2.35	1.45	0.79	0.38	0.16	0.06	0.03	0.01	0	2.47	2.39	3.74	3.69	3.62	3.61	0.99
3.46	2.38	1.48	0.81	0.39	0.17	0.06	0.03	0.01	0	2.25	2.26	3.76	3.69	3.61	3.6	0.98
3.48	2.41	1.5	0.83	0.4	0.17	0.06	0.03	0.01	0	1.67	1.84	3.74	3.68	3.61	3.61	0.98
3.51	2.44	1.53	0.85	0.42	0.18	0.07	0.03	0.01	0	2.15	2.32	3.73	3.67	3.6	3.59	0.98
3.53	2.47	1.56	0.87	0.43	0.18	0.07	0.03	0.01	0	1.97	2.49	3.73	3.69	3.59	3.59	0.98
3.57	2.51	1.59	0.89	0.44	0.19	0.07	0.03	0.01	0	1.37	2.48	3.73	3.68	3.61	3.55	0.98
3.61	2.55	1.62	0.91	0.45	0.2	0.08	0.03	0.01	0	1.6	2.35	3.74	3.68	3.61	3.56	0.98
3.66	2.6	1.66	0.94	0.47	0.2	0.08	0.04	0.01	0	1.42	2.36	3.73	3.69	3.63	3.61	0.98
3.72	2.65	1.71	0.97	0.48	0.21	0.08	0.04	0.01	0	1.66	2.36	3.74	3.69	3.62	3.6	0.98
3.79	2.72	1.76	1	0.5	0.22	0.08	0.03	0.01	0	1.88	2.37	3.74	3.67	3.62	3.59	0.98
3.86	2.79	1.81	1.04	0.52	0.22	0.08	0.03	0.01	0	1.78	2.26	3.75	3.68	3.6	3.6	0.98
3.94	2.86	1.88	1.08	0.54	0.23	0.08	0.03	0.01	0	1.49	2.23	3.75	3.7	3.61	3.6	0.98
4.03	2.95	1.95	1.13	0.56	0.24	0.08	0.03	0.01	0	2.09	2.42	3.76	3.69	3.61	3.59	0.98
4.11	3.03	2.02	1.19	0.59	0.24	0.08	0.03	0.01	0	2.2	2.43	3.75	3.68	3.61	3.57	0.98
4.19	3.13	2.1	1.24	0.62	0.25	0.08	0.03	0.009	0	1.48	2.39	3.73	3.67	3.6	3.61	0.98
4.28	3.22	2.18	1.3	0.64	0.26	0.08	0.03	0.006	0	2.2	2.13	3.74	3.67	3.59	3.59	0.98
4.36	3.31	2.26	1.35	0.67	0.27	0.08	0.02	0.003	0	2.24	2.43	3.74	3.68	3.6	3.57	0.98
4.44	3.4	2.34	1.41	0.7	0.28	0.08	0.02	0	0	1.85	2.61	3.75	3.68	3.6	3.59	0.98
4.52	3.48	2.42	1.46	0.73	0.29	0.08	0.02	-0.001	0	1.88	2.43	3.74	3.69	3.62	3.61	0.98
4.59	3.56	2.49	1.51	0.76	0.3	0.08	0.02	0	0	2.19	2	3.75	3.68	3.65	3.6	0.98
4.64	3.62	2.56	1.56	0.78	0.31	0.09	0.02	0.001	0	2.01	2.15	3.74	3.67	3.65	3.58	0.98
4.68	3.67	2.61	1.6	0.81	0.31	0.09	0.02	0.001	0	1.32	2.43	3.75	3.69	3.64	3.56	0.98
4.7	3.71	2.65	1.63	0.82	0.32	0.09	0.02	0.002	0	2.03	2.35	3.75	3.68	3.59	3.55	0.98
4.71	3.73	2.67	1.66	0.84	0.33	0.1	0.02	0.002	0	2.18	2.35	3.74	3.67	3.62	3.58	0.97
4.71	3.74	2.69	1.68	0.85	0.34	0.1	0.02	0.002	0	1.62	2.42	3.72	3.67	3.6	3.56	0.97
4.71	3.74	2.7	1.69	0.86	0.34	0.1	0.03	0.001	0	1.96	2.13	3.72	3.66	3.61	3.58	0.97
4.7	3.73	2.7	1.69	0.87	0.35	0.1	0.03	0.001	0	2.25	2.16	3.74	3.67	3.6	3.57	0.96
4.68	3.72	2.69	1.69	0.87	0.35	0.1	0.03	0	0	2	2.33	3.74	3.67	3.61	3.57	0.96
4.67	3.71	2.69	1.69	0.88	0.35	0.1	0.03	0	0	1.94	2.18	3.75	3.67	3.61	3.6	0.96
4.67	3.71	2.68	1.69	0.88	0.36	0.11	0.03	0	0	1.89	2.17	3.72	3.68	3.64	3.59	0.96
4.67	3.7	2.67	1.68	0.87	0.36	0.11	0.03	0	0	1.59	2.25	3.73	3.66	3.62	3.57	0.96
4.67	3.69	2.66	1.67	0.87	0.36	0.11	0.03	-0.001	0	1.84	2.14	3.74	3.67	3.61	3.59	0.96
4.67	3.69	2.65	1.66	0.87	0.36	0.11	0.03	-0.001	0	1.81	2.18	3.73	3.67	3.62	3.58	0.96
4.68	3.68	2.63	1.65	0.86	0.36	0.11	0.03	-0.002	0	1.77	2.03	3.73	3.68	3.6	3.59	0.96
4.68	3.68	2.62	1.63	0.85	0.35	0.11	0.03	-0.003	0	1.44	2.27	3.74	3.68	3.62	3.58	0.96
4.68	3.67	2.61	1.61	0.84	0.35	0.11	0.03	-0.004	0	1.5	2.3	3.74	3.69	3.63	3.58	0.96
4.68	3.66	2.59	1.6	0.83	0.35	0.12	0.03	-0.001	0	1.43	2.43	3.74	3.7	3.6	3.58	0.96
4.67	3.65	2.58	1.59	0.83	0.36	0.12	0.03	0.003	0	1.46	2.46	3.75	3.7	3.61	3.61	0.96
4.66	3.63	2.56	1.58	0.83	0.36	0.13	0.04	0.007	0	2.09	2.19	3.73	3.69	3.63	3.59	0.96
4.64	3.61	2.54	1.57	0.83	0.37	0.14	0.04	0.01	0	2.23	2.01	3.73	3.68	3.62	3.59	0.96
4.61	3.58	2.52	1.56	0.83	0.38	0.14	0.05	0.01	0	1.95	2.34	3.73	3.69	3.6	3.59	0.96
4.58	3.56	2.5	1.55	0.83	0.38	0.15	0.06	0.01	0	1.87	2.21	3.73	3.68	3.59	3.58	0.96
4.56	3.53	2.48	1.54	0.84	0.39	0.15	0.06	0.01	0	2.18	2.23	3.73	3.66	3.6	3.56	0.95
4.54	3.51	2.46	1.54	0.84	0.39	0.16	0.06	0.01	0	2.11	2.09	3.73	3.66	3.62	3.57	0.95
4.52	3.49	2.45	1.53	0.84	0.4	0.16	0.06	0.01	0	1.74	2.15	3.73	3.68	3.62	3.6	0.95
4.51	3.47	2.43	1.52	0.84	0.39	0.16	0.06	0.01	0	1.84	2.3	3.75	3.68	3.61	3.57	0.95
4.5	3.46	2.42	1.52	0.83	0.39	0.16	0.06	0.01	0	2.12	2.39	3.74	3.68	3.6	3.6	0.95
4.5	3.44	2.41	1.52	0.83	0.39	0.16	0.06	0.01	0	2.01	2.39	3.75	3.68	3.6	3.59	0.95
4.49	3.43	2.41	1.51	0.83	0.4	0.16	0.06	0.01	0	1.4	2.37	3.74	3.68	3.63	3.59	0.95
4.48	3.42	2.4	1.51	0.84	0.4	0.16	0.06	0.02	0	1.67	2.26	3.74	3.68	3.64	3.57	0.95
4.46	3.41	2.39	1.51	0.84	0.4	0.17	0.06	0.02	0	2.04	2.28	3.74	3.69	3.62	3.59	0.95
4.45	3.4	2.39	1.51	0.84	0.4	0.16	0.06	0.02	0	1.88	2.36	3.73	3.66	3.62	3.57	0.95
4.43	3.39	2.38	1.51	0.84	0.4	0.16	0.06	0.01	0	1.64	2.04	3.73	3.67	3.59	3.56	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.42	3.37	2.37	1.5	0.83	0.39	0.16	0.06	0.01	0	2.08	2.23	3.72	3.67	3.6	3.55	0.96
4.42	3.36	2.36	1.5	0.83	0.39	0.16	0.06	0.01	0	1.78	2.18	3.73	3.66	3.61	3.56	0.96
4.41	3.35	2.35	1.49	0.82	0.39	0.15	0.05	0.01	0	1.8	2.37	3.74	3.67	3.61	3.6	0.96
4.4	3.34	2.34	1.48	0.81	0.38	0.15	0.05	0.01	0	2.12	2.31	3.75	3.69	3.64	3.62	0.96
4.39	3.33	2.33	1.46	0.81	0.38	0.15	0.05	0.01	0	1.53	2.19	3.76	3.7	3.66	3.62	0.96
4.21	3.13	2.12	1.28	0.66	0.28	0.09	0.02	0.005	0	2.55	2.54	3.73	3.9	3.6	3.56	0.99
4.25	3.16	2.14	1.28	0.66	0.28	0.09	0.01	0.005	0	2.28	2.34	3.74	3.84	3.63	3.61	0.99
4.28	3.19	2.15	1.28	0.65	0.27	0.08	0.01	0.005	0	2.75	2.26	3.74	3.99	3.66	3.62	1
4.3	3.21	2.16	1.29	0.65	0.27	0.08	0.01	0.004	0	2.67	2.24	3.76	3.96	3.64	3.62	1
4.31	3.22	2.18	1.29	0.64	0.27	0.08	0.01	0.004	0	1.87	1.7	3.75	3.79	3.63	3.58	1.01
4.31	3.23	2.18	1.29	0.64	0.27	0.08	0.01	0.004	0	2.68	2.21	3.75	3.91	3.59	3.59	1.01
4.31	3.23	2.19	1.3	0.65	0.27	0.08	0.01	0.003	0	2.53	2.3	3.75	3.9	3.59	3.58	1.01
4.29	3.22	2.19	1.3	0.65	0.27	0.08	0.01	0.002	0	2.06	2.54	3.75	3.8	3.62	3.57	1.01
4.26	3.21	2.19	1.31	0.66	0.27	0.08	0.01	0.001	0	2.49	2.61	3.75	3.83	3.63	3.58	1.01
4.24	3.19	2.18	1.31	0.66	0.28	0.08	0.02	0.001	0	2.6	2.49	3.74	3.86	3.63	3.61	1.02
4.21	3.18	2.18	1.31	0.67	0.28	0.09	0.02	0	0	2.34	2.42	3.75	3.79	3.61	3.59	1.02
4.19	3.16	2.17	1.31	0.67	0.29	0.09	0.02	-0.001	0	1.92	2.24	3.73	3.92	3.61	3.57	1.02
4.18	3.16	2.17	1.31	0.67	0.29	0.09	0.03	0	0	2.45	2.13	3.73	4.1	3.63	3.55	1.02
4.18	3.16	2.17	1.31	0.67	0.29	0.1	0.03	0.002	0	2.59	1.81	3.73	4.14	3.62	3.56	1.03
4.2	3.16	2.16	1.31	0.67	0.29	0.1	0.03	0.005	0	2.64	2.02	3.74	4.16	3.61	3.56	1.03
4.21	3.17	2.16	1.3	0.67	0.29	0.1	0.03	0.009	0	2.33	2.42	3.76	4.02	3.63	3.59	1.04
4.24	3.18	2.16	1.3	0.67	0.29	0.11	0.04	0.01	0	2.45	2.61	3.76	3.82	3.64	3.62	1.04
4.25	3.18	2.16	1.29	0.66	0.29	0.11	0.04	0.01	0	2.77	2.6	3.77	3.97	3.67	3.65	1.04
4.27	3.19	2.16	1.29	0.66	0.29	0.11	0.04	0.01	0	2.69	2.56	3.78	3.94	3.66	3.63	1.04
4.28	3.19	2.15	1.28	0.66	0.29	0.11	0.04	0.01	0	1.84	2.38	3.76	3.83	3.63	3.62	1.04
4.28	3.19	2.15	1.28	0.66	0.29	0.11	0.05	0.02	0	2.42	1.95	3.75	3.96	3.64	3.62	1.04
4.27	3.19	2.14	1.27	0.65	0.29	0.12	0.05	0.02	0	2.54	2.43	3.75	4.1	3.65	3.6	1.04
4.26	3.18	2.14	1.26	0.65	0.29	0.12	0.05	0.02	0	2.56	2.45	3.74	4.08	3.63	3.61	1.03
4.24	3.17	2.13	1.26	0.65	0.29	0.12	0.06	0.02	0	2.37	2.28	3.74	3.96	3.61	3.57	1.03
3.73	2.59	1.6	0.88	0.43	0.19	0.07	0.02	0.01	0	2.88	2.49	3.77	4.35	3.62	3.61	1.01
3.71	2.57	1.59	0.88	0.43	0.19	0.07	0.02	0.01	0	2.58	2.42	3.76	4.22	3.62	3.65	1.01
3.68	2.55	1.58	0.88	0.44	0.19	0.07	0.03	0.01	0	2.19	1.97	3.76	3.98	3.62	3.62	1.01
3.64	2.53	1.58	0.88	0.44	0.2	0.07	0.03	0.01	0	2.72	2.25	3.74	4.05	3.63	3.58	1.01
3.6	2.51	1.57	0.89	0.45	0.2	0.08	0.03	0.01	0	2.77	2.29	3.73	4.19	3.65	3.55	1.01
3.57	2.49	1.56	0.89	0.45	0.21	0.08	0.03	0.01	0	2.67	2.32	3.73	4.15	3.61	3.57	1.02
3.54	2.47	1.56	0.89	0.45	0.21	0.08	0.03	0.01	0	2.49	2.3	3.73	4.06	3.62	3.57	1.02
3.52	2.45	1.55	0.89	0.45	0.21	0.08	0.03	0.009	0	1.84	2.26	3.73	3.92	3.61	3.57	1.02
3.51	2.44	1.54	0.88	0.45	0.2	0.07	0.03	0.008	0	2.6	2.35	3.73	4.12	3.6	3.56	1.02
3.5	2.43	1.53	0.88	0.44	0.2	0.07	0.03	0.007	0	2.8	1.93	3.74	4.21	3.62	3.58	1.01
3.49	2.42	1.52	0.87	0.44	0.19	0.07	0.02	0.006	0	2.63	2.2	3.76	4.22	3.63	3.61	1.01
3.49	2.41	1.51	0.86	0.43	0.19	0.07	0.02	0.005	0	1.87	1.95	3.78	4.06	3.65	3.65	1.01
3.48	2.4	1.51	0.85	0.43	0.19	0.07	0.02	0.005	0	2.27	2.3	3.77	3.92	3.65	3.62	1.01
3.47	2.39	1.5	0.85	0.43	0.19	0.06	0.02	0.005	0	2.48	2.31	3.76	3.91	3.64	3.64	1.01
3.46	2.38	1.49	0.85	0.43	0.18	0.06	0.02	0.004	0	2.5	1.99	3.74	3.92	3.63	3.59	1
3.44	2.36	1.48	0.84	0.43	0.18	0.06	0.02	0.004	0	1.84	1.97	3.74	3.91	3.6	3.55	1
3.42	2.35	1.47	0.84	0.43	0.18	0.06	0.02	0.004	0	2.24	2.35	3.72	3.86	3.59	3.54	0.99
3.39	2.33	1.47	0.84	0.42	0.18	0.06	0.02	0.004	0	2.37	2.42	3.71	3.84	3.59	3.57	0.99
3.37	2.32	1.46	0.83	0.42	0.18	0.06	0.02	0.004	0	1.65	2.44	3.71	3.82	3.59	3.54	0.98
3.35	2.31	1.45	0.83	0.42	0.18	0.06	0.02	0.004	0	2.35	2.21	3.72	3.86	3.6	3.54	0.98
3.33	2.29	1.45	0.83	0.42	0.18	0.07	0.02	0.005	0	2.43	1.78	3.74	3.85	3.61	3.58	0.98
3.31	2.28	1.44	0.83	0.42	0.18	0.07	0.02	0.005	0	1.98	2.25	3.73	3.88	3.61	3.57	0.98
3.3	2.27	1.44	0.82	0.42	0.19	0.07	0.02	0.005	0	1.91	2.32	3.72	3.97	3.63	3.57	0.98
3.28	2.26	1.44	0.82	0.42	0.19	0.07	0.02	0.004	0	1.59	2.13	3.72	4.05	3.59	3.56	0.98
3.27	2.26	1.43	0.82	0.42	0.19	0.07	0.02	0.004	0	1.58	2.34	3.74	4.03	3.61	3.59	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.26	2.25	1.43	0.82	0.42	0.19	0.07	0.02	0.003	0	1.4	2.35	3.76	4.09	3.61	3.6	0.98
3.25	2.24	1.42	0.82	0.42	0.19	0.06	0.02	0.003	0	2.07	2.46	3.74	4.15	3.62	3.6	0.98
3.25	2.24	1.42	0.82	0.42	0.19	0.06	0.02	0.002	0	2.18	2.26	3.75	4.21	3.61	3.59	0.99
3.25	2.23	1.41	0.82	0.42	0.19	0.06	0.02	0.002	0	2.24	2.39	3.75	4.21	3.59	3.6	0.99
3.26	2.23	1.41	0.81	0.42	0.19	0.06	0.02	0.003	0	2.14	2.34	3.74	4.16	3.61	3.59	0.99
3.26	2.23	1.41	0.81	0.42	0.19	0.06	0.02	0.003	0	2.12	1.86	3.74	4.1	3.61	3.6	0.99
3.27	2.23	1.4	0.81	0.42	0.19	0.06	0.02	0.003	0	1.83	2.26	3.75	4.01	3.63	3.57	0.99
3.27	2.23	1.41	0.81	0.42	0.19	0.07	0.02	0.004	0	2.59	2.14	3.77	3.91	3.64	3.59	0.98
3.26	2.23	1.41	0.81	0.42	0.19	0.07	0.02	0.004	0	2.75	2.3	3.74	3.9	3.62	3.59	0.98
3.25	2.23	1.41	0.82	0.42	0.19	0.07	0.02	0.004	0	2.66	2.1	3.75	3.96	3.63	3.6	0.98
3.24	2.23	1.41	0.82	0.43	0.19	0.07	0.02	0.004	0	1.61	2.42	3.75	4.16	3.59	3.6	0.98
3.23	2.23	1.42	0.83	0.43	0.2	0.07	0.03	0.004	0	2.67	2.43	3.73	4.24	3.6	3.56	0.98
3.23	2.23	1.43	0.83	0.43	0.2	0.07	0.03	0.005	0	2.78	2.22	3.74	4.32	3.63	3.56	0.97
3.24	2.25	1.44	0.84	0.43	0.2	0.07	0.03	0.006	0	2.62	2.26	3.75	4.33	3.62	3.55	0.97
3.26	2.27	1.45	0.84	0.43	0.2	0.07	0.02	0.006	0	2.04	2.3	3.76	4.22	3.6	3.57	0.97
3.29	2.29	1.47	0.85	0.44	0.19	0.07	0.02	0.006	0	2.18	2.17	3.74	4.16	3.62	3.58	0.97
3.33	2.33	1.49	0.86	0.44	0.19	0.07	0.02	0.005	0	2.51	2.35	3.76	4.1	3.61	3.6	0.97
3.39	2.37	1.52	0.88	0.45	0.19	0.06	0.02	0.005	0	2.55	1.92	3.75	4.06	3.61	3.59	0.98
3.45	2.43	1.56	0.9	0.45	0.19	0.06	0.02	0.005	0	1.75	2.09	3.73	4.07	3.65	3.59	0.98
3.51	2.49	1.6	0.92	0.46	0.2	0.07	0.02	0.006	0	2.28	2.33	3.73	4.11	3.61	3.56	0.98
3.58	2.54	1.64	0.94	0.47	0.2	0.07	0.02	0.007	0	2.6	2.46	3.73	4.2	3.63	3.57	0.98
3.65	2.6	1.68	0.96	0.48	0.2	0.07	0.02	0.008	0	2.57	2.55	3.73	4.18	3.62	3.56	0.99
3.72	2.66	1.72	0.98	0.49	0.21	0.07	0.02	0.009	0	1.85	2.3	3.75	4.09	3.61	3.57	0.99
3.79	2.72	1.75	1	0.5	0.21	0.07	0.03	0.01	0	2.27	2	3.74	3.96	3.63	3.57	0.99
3.84	2.76	1.79	1.02	0.51	0.21	0.07	0.03	0.01	0	2.23	2.1	3.75	3.91	3.64	3.58	0.99
3.89	2.8	1.82	1.04	0.51	0.22	0.08	0.03	0.01	0	1.79	2.14	3.75	3.94	3.61	3.56	0.99
3.92	2.84	1.84	1.05	0.52	0.23	0.08	0.03	0.01	0	1.32	2.36	3.76	3.96	3.61	3.59	0.99
3.94	2.86	1.86	1.07	0.53	0.23	0.08	0.03	0.01	0	1.4	2.42	3.74	4	3.6	3.57	0.99
4.06	3.02	2.01	1.17	0.59	0.26	0.1	0.04	0.02	0	2.21	2.05	3.74	4.18	3.64	3.58	0.96
4.06	3.02	2.01	1.17	0.59	0.26	0.1	0.04	0.02	0	2.21	2.39	3.72	4.15	3.61	3.56	0.95
4.07	3.02	2.01	1.17	0.59	0.26	0.1	0.04	0.01	0	2.32	2.27	3.72	4.14	3.63	3.55	0.95
4.07	3.02	2	1.16	0.58	0.25	0.1	0.04	0.01	0	2.01	2.24	3.71	4.16	3.59	3.55	0.95
4.08	3.02	2	1.16	0.58	0.24	0.09	0.03	0.01	0	2.48	1.78	3.72	4.17	3.61	3.54	0.96
4.09	3.02	1.99	1.15	0.57	0.24	0.09	0.03	0.01	0	2.47	2.19	3.73	4.13	3.61	3.57	0.96
4.09	3.02	1.99	1.14	0.56	0.23	0.08	0.02	0.01	0	2.11	2.34	3.73	3.95	3.62	3.6	0.97
4.1	3.02	1.98	1.14	0.56	0.23	0.08	0.02	0.01	0	2.4	2.12	3.76	3.79	3.62	3.62	0.97
4.09	3.01	1.98	1.13	0.55	0.22	0.08	0.02	0.009	0	2.61	2.3	3.76	3.88	3.63	3.6	0.98
4.09	3	1.97	1.13	0.55	0.22	0.07	0.01	0.007	0	2.5	2.45	3.75	3.89	3.62	3.6	0.99
4.07	2.99	1.96	1.12	0.54	0.21	0.06	0.01	0.005	0	2.18	1.94	3.74	3.77	3.61	3.6	0.99
4.05	2.98	1.96	1.12	0.54	0.21	0.06	0.01	0.004	0	2.45	1.01	3.72	3.71	3.59	3.57	0.99
4.04	2.97	1.96	1.13	0.55	0.22	0.07	0.01	0.004	0	2.33	2.26	3.73	3.7	3.61	3.56	1
4.03	2.97	1.96	1.13	0.55	0.22	0.07	0.01	0.005	0	1.73	2.22	3.73	3.76	3.61	3.57	1
4.02	2.97	1.96	1.13	0.56	0.23	0.07	0.02	0.007	0	2.51	2.47	3.75	3.84	3.64	3.58	1
4.03	2.97	1.97	1.14	0.56	0.24	0.08	0.02	0.009	0	2.54	2.46	3.75	3.8	3.64	3.6	1
4.03	2.98	1.97	1.14	0.57	0.24	0.08	0.02	0.01	0	2.03	2.31	3.74	3.86	3.62	3.61	1
4.04	2.99	1.98	1.15	0.57	0.24	0.08	0.02	0.01	0	2.36	2.36	3.74	4.03	3.62	3.59	1
4.06	3	1.99	1.15	0.57	0.24	0.09	0.02	0.01	0	2.44	2.35	3.74	4.12	3.63	3.58	1.01
4.07	3.01	1.99	1.15	0.58	0.24	0.09	0.03	0.01	0	2.43	2.49	3.74	4.12	3.61	3.58	1.01
4.09	3.02	2	1.16	0.58	0.24	0.09	0.03	0.01	0	2.28	2.28	3.75	4.07	3.62	3.56	1.01
4.11	3.04	2.01	1.16	0.58	0.25	0.09	0.03	0.01	0	1.89	2.07	3.74	3.99	3.62	3.57	1.02
4.12	3.05	2.01	1.16	0.58	0.25	0.09	0.03	0.01	0	2.23	1.96	3.74	3.86	3.61	3.59	1.02
4.14	3.06	2.02	1.16	0.58	0.24	0.09	0.03	0.01	0	2.26	2.19	3.74	3.72	3.62	3.58	1.02
4.15	3.06	2.02	1.16	0.58	0.24	0.09	0.03	0.01	0	2.44	2.42	3.75	3.75	3.65	3.59	1.02
4.16	3.07	2.02	1.15	0.57	0.24	0.09	0.03	0.01	0	2.1	2.35	3.75	3.84	3.62	3.6	1.02

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.17	3.07	2.02	1.15	0.57	0.25	0.09	0.03	0.01	0	2.02	2.41	3.76	3.97	3.64	3.6	1.02
4.17	3.07	2.01	1.15	0.57	0.25	0.09	0.03	0.01	0	2.4	2.26	3.75	4.03	3.63	3.58	1.02
4.16	3.06	2.01	1.15	0.57	0.25	0.09	0.03	0.01	0	2.51	1.98	3.74	3.98	3.64	3.58	1.02
4.15	3.05	2	1.15	0.57	0.25	0.09	0.04	0.01	0	2.14	2.2	3.76	3.81	3.63	3.58	1.02
4.13	3.04	2	1.14	0.57	0.25	0.1	0.04	0.01	0	2.31	2.3	3.76	3.92	3.65	3.58	1.01
4.11	3.02	1.99	1.14	0.57	0.25	0.1	0.04	0.01	0	2.62	2.04	3.74	4.04	3.65	3.56	1.01
4.09	3.01	1.98	1.14	0.57	0.25	0.09	0.04	0.01	0	2.46	2.29	3.74	4.04	3.62	3.56	1.01
4.08	3	1.97	1.13	0.57	0.25	0.09	0.04	0.01	0	1.64	2.2	3.73	3.98	3.62	3.55	1
4.07	2.99	1.96	1.13	0.56	0.25	0.09	0.04	0.01	0	2.25	1.82	3.73	3.87	3.61	3.56	1
4.07	2.98	1.96	1.12	0.56	0.25	0.09	0.03	0.01	0	2.34	1.74	3.73	3.78	3.61	3.56	1
4.07	2.98	1.95	1.11	0.55	0.24	0.09	0.03	0.01	0	2.18	2.01	3.73	3.78	3.62	3.6	0.99
4.08	2.98	1.94	1.11	0.55	0.24	0.09	0.03	0.01	0	1.79	2.1	3.74	3.85	3.61	3.61	0.99
4.09	2.98	1.94	1.1	0.54	0.23	0.08	0.03	0.01	0	2.2	1.86	3.76	3.9	3.63	3.6	0.99
4.09	2.98	1.93	1.1	0.54	0.23	0.08	0.03	0.01	0	2.38	2.28	3.75	3.94	3.65	3.59	0.99
4.1	2.98	1.93	1.09	0.53	0.23	0.08	0.03	0.01	0	2.2	2.07	3.73	3.86	3.63	3.58	0.99
4.1	2.98	1.93	1.09	0.53	0.22	0.08	0.03	0.01	0	1.98	1.88	3.73	3.71	3.61	3.58	0.99
4.1	2.97	1.92	1.08	0.53	0.22	0.08	0.03	0.01	0	2.47	2.16	3.71	3.71	3.6	3.54	0.99
4.1	2.97	1.92	1.08	0.52	0.22	0.08	0.03	0.01	0	2.34	2.4	3.72	3.71	3.6	3.56	0.98
4.1	2.97	1.92	1.08	0.52	0.22	0.08	0.03	0.01	0	1.72	2.48	3.73	3.81	3.61	3.6	0.98
4.09	2.96	1.91	1.07	0.52	0.22	0.08	0.02	0.01	0	2.46	2.31	3.75	3.91	3.65	3.57	0.98
4.08	2.94	1.9	1.06	0.51	0.21	0.08	0.02	0.01	0	2.38	2.48	3.75	3.91	3.63	3.59	0.98
4.07	2.93	1.88	1.06	0.51	0.21	0.08	0.03	0.01	0	1.87	2.47	3.74	3.78	3.63	3.61	0.98
4.04	2.91	1.87	1.05	0.51	0.21	0.08	0.03	0.01	0	2.37	2.49	3.73	3.69	3.62	3.59	0.98
4.02	2.89	1.85	1.04	0.5	0.21	0.08	0.03	0.01	0	2.35	2.36	3.72	3.74	3.6	3.59	0.98
4	2.86	1.83	1.03	0.5	0.21	0.08	0.03	0.01	0	2.28	2.26	3.73	3.87	3.6	3.57	0.98
3.98	2.84	1.81	1.02	0.49	0.21	0.08	0.03	0.01	0	2.17	2.07	3.71	4	3.63	3.57	0.98
3.96	2.82	1.8	1.01	0.49	0.21	0.08	0.03	0.01	0	1.98	2.27	3.73	4.1	3.62	3.58	0.99
3.95	2.81	1.78	0.99	0.48	0.21	0.08	0.04	0.01	0	2.57	2.39	3.74	4.19	3.66	3.58	0.99
3.94	2.79	1.77	0.98	0.47	0.2	0.08	0.04	0.01	0	2.75	2.55	3.76	4.2	3.7	3.61	0.99
3.93	2.78	1.75	0.97	0.47	0.2	0.08	0.04	0.01	0	2.41	2.5	3.76	4.13	3.64	3.61	0.99
3.92	2.76	1.74	0.96	0.46	0.2	0.08	0.04	0.01	0	2.03	2.3	3.75	3.94	3.64	3.6	1
3.91	2.75	1.72	0.95	0.46	0.2	0.08	0.04	0.01	0	2.61	2.31	3.74	3.73	3.64	3.59	1
3.9	2.73	1.71	0.94	0.45	0.2	0.08	0.04	0.01	0	2.52	2.27	3.74	3.68	3.63	3.6	1
3.88	2.72	1.7	0.93	0.45	0.19	0.08	0.04	0.01	0	1.79	2.37	3.75	3.78	3.62	3.6	1
3.86	2.7	1.69	0.93	0.44	0.19	0.08	0.04	0.01	0	2.42	2.39	3.75	3.86	3.62	3.61	1.01
3.84	2.68	1.68	0.92	0.44	0.19	0.08	0.04	0.01	0	2.26	2.36	3.74	3.87	3.63	3.56	1.01
3.81	2.66	1.66	0.92	0.44	0.19	0.08	0.04	0.01	0	1.92	2.16	3.74	3.73	3.63	3.58	1.01
3.79	2.65	1.65	0.91	0.44	0.2	0.08	0.04	0.01	0	2.34	2.22	3.73	3.73	3.6	3.58	1.01
3.78	2.63	1.64	0.91	0.44	0.2	0.08	0.04	0.01	0	2.15	2.39	3.73	3.75	3.59	3.59	1.01
3.76	2.62	1.63	0.9	0.44	0.2	0.08	0.04	0.02	0	2.17	2.35	3.75	3.7	3.64	3.6	1.01
3.75	2.6	1.62	0.89	0.44	0.2	0.08	0.04	0.02	0	2.38	2.4	3.75	3.72	3.66	3.6	1.02
3.74	2.59	1.61	0.88	0.43	0.2	0.08	0.04	0.02	0	2.14	2.44	3.74	3.83	3.62	3.57	1.02
3.72	2.57	1.59	0.87	0.43	0.19	0.08	0.04	0.01	0	1.9	2.31	3.75	3.98	3.61	3.57	1.02
3.71	2.55	1.57	0.86	0.42	0.19	0.08	0.04	0.01	0	2.52	2.14	3.75	4.09	3.62	3.57	1.02
3.69	2.53	1.55	0.85	0.42	0.19	0.08	0.04	0.01	0	2.51	1.94	3.77	4.12	3.6	3.6	1.02
3.66	2.51	1.53	0.84	0.41	0.19	0.08	0.03	0.01	0	2.13	1.82	3.75	4.1	3.61	3.62	1.01
3.63	2.48	1.52	0.83	0.41	0.19	0.08	0.03	0.01	0	1.86	2.01	3.76	3.95	3.62	3.61	1.01
3.59	2.45	1.5	0.83	0.41	0.19	0.08	0.03	0.01	0	2.32	1.93	3.76	3.84	3.63	3.61	1
3.54	2.42	1.49	0.83	0.42	0.19	0.08	0.04	0.01	0	2.42	1.92	3.75	3.74	3.61	3.59	0.99
3.49	2.39	1.47	0.83	0.42	0.2	0.08	0.04	0.01	0	2.21	1.93	3.73	3.73	3.61	3.56	0.98
3.45	2.36	1.46	0.83	0.42	0.2	0.08	0.04	0.01	0	2.04	1.97	3.72	3.87	3.6	3.56	0.97
3.42	2.34	1.45	0.83	0.43	0.2	0.08	0.04	0.01	0	2.06	2.39	3.7	3.99	3.6	3.56	0.96
3.4	2.33	1.45	0.83	0.43	0.2	0.08	0.04	0.01	0	2.35	2.29	3.69	4.06	3.6	3.54	0.95
3.4	2.33	1.45	0.83	0.42	0.2	0.08	0.03	0.01	0	2.21	2.43	3.72	4.1	3.61	3.56	0.95

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.41	2.33	1.45	0.83	0.42	0.19	0.08	0.03	0.01	0	1.89	2.38	3.74	4.03	3.62	3.57	0.95
3.45	2.35	1.46	0.83	0.41	0.18	0.07	0.03	0.009	0	2.01	2.44	3.73	3.99	3.62	3.59	0.94
3.48	2.37	1.47	0.83	0.4	0.17	0.06	0.02	0.007	0	1.79	2.16	3.72	3.91	3.61	3.58	0.94
3.51	2.4	1.48	0.82	0.39	0.16	0.06	0.02	0.005	0	2.16	2.13	3.73	3.84	3.59	3.58	0.94
3.54	2.42	1.49	0.82	0.38	0.15	0.05	0.01	0.003	0	2.14	2.37	3.72	3.74	3.6	3.57	0.95
3.56	2.44	1.5	0.82	0.38	0.14	0.04	0.01	0.001	0	2.01	2.35	3.7	3.8	3.6	3.56	0.95
3.58	2.45	1.51	0.83	0.37	0.14	0.04	0.007	0	0	2.36	2.21	3.71	3.94	3.63	3.57	0.95
3.59	2.47	1.53	0.83	0.37	0.13	0.03	0.006	0	0	2.56	2.27	3.73	4	3.65	3.56	0.95
3.59	2.48	1.54	0.83	0.37	0.13	0.03	0.006	0.001	0	2.32	2.14	3.74	3.98	3.63	3.56	0.96
3.59	2.48	1.54	0.84	0.37	0.13	0.03	0.006	0.001	0	1.97	2.32	3.73	3.94	3.6	3.56	0.96
3.58	2.49	1.55	0.84	0.37	0.13	0.03	0.006	0.001	0	2.34	2.36	3.73	3.76	3.62	3.56	0.97
3.57	2.48	1.55	0.84	0.37	0.13	0.03	0.006	0.001	0	2.19	2.33	3.73	3.7	3.62	3.6	0.97
3.55	2.48	1.55	0.84	0.37	0.13	0.03	0.006	0.001	0	2.04	2.47	3.73	3.72	3.64	3.61	0.97
3.53	2.47	1.54	0.84	0.37	0.13	0.02	0.006	0.001	0	1.97	2.42	3.74	3.74	3.64	3.63	0.97
3.51	2.45	1.53	0.83	0.37	0.13	0.02	0.007	0.001	0	1.86	1.95	3.76	3.81	3.66	3.65	0.97
3.48	2.43	1.52	0.82	0.37	0.13	0.02	0.007	0	0	1.75	2.51	3.75	3.88	3.64	3.61	0.97
3.45	2.4	1.5	0.82	0.37	0.13	0.02	0.008	0	0	2.06	2.26	3.75	3.89	3.62	3.6	0.97
3.41	2.38	1.48	0.8	0.36	0.12	0.02	0.008	0	0	1.47	1.65	3.74	3.93	3.59	3.57	0.97
3.38	2.34	1.46	0.79	0.35	0.12	0.02	0.008	0	0	2.26	2.3	3.73	3.97	3.58	3.55	0.97
1.12	0.5	0.2	0.08	0.03	0.01	-0.002	0.004	0.002	0	1.84	2.16	3.72	3.91	3.6	3.55	0.95
1.25	0.55	0.22	0.08	0.03	0.01	-0.004	0.003	0.002	0	1.81	2.32	3.72	3.96	3.6	3.54	0.95
1.37	0.6	0.23	0.08	0.03	0.009	-0.007	0.002	0.003	0	2.25	2.32	3.71	4.02	3.6	3.56	0.95
1.49	0.65	0.24	0.08	0.02	0.005	-0.009	0.001	0.004	0	2.26	2.43	3.72	3.94	3.61	3.57	0.95
1.59	0.69	0.25	0.08	0.02	0.001		0	0.004	0	1.66	2.15	3.75	3.9	3.63	3.59	0.96
1.67	0.73	0.26	0.08	0.02	0	-0.01	0.001	0.007	0	2.16	2.2	3.76	3.89	3.66	3.62	0.96
1.73	0.76	0.27	0.08	0.02	-0.001	-0.01	0.002	0.01	0	2.24	2.54	3.75	3.92	3.64	3.62	0.96
1.76	0.78	0.28	0.08	0.02	-0.001	-0.01	0.003	0.01	0	2.13	2.38	3.76	3.92	3.65	3.64	0.96
1.76	0.78	0.28	0.08	0.02	0.001	-0.01	0.002	0.008	0	1.29	1.94	3.75	3.91	3.64	3.63	0.96
1.75	0.79	0.29	0.09	0.02	0.003	-0.01	0.001	0.004	0	2.34	2.12	3.73	3.9	3.62	3.59	0.97
1.73	0.78	0.29	0.1	0.02	0.005	-0.01	0.001	0.003	0	2.49	2.19	3.72	3.92	3.62	3.57	0.97
1.69	0.77	0.3	0.1	0.03	0.01	-0.006	0.003	0.002	0	2.26	2.07	3.71	3.88	3.6	3.58	0.97
1.65	0.76	0.3	0.11	0.04	0.01	-0.004	0.004	0.002	0	2.1	2.24	3.71	3.97	3.58	3.53	0.97
1.6	0.74	0.29	0.11	0.04	0.01	-0.003	0.005	0.002	0	2.5	2.3	3.71	4.07	3.57	3.53	0.97
1.56	0.72	0.29	0.11	0.04	0.01	-0.003	0.005	0.001	0	2.49	2.29	3.72	4.05	3.6	3.55	0.97
1.52	0.7	0.29	0.11	0.04	0.01	-0.003	0.004	0.001	0	1.29	2.08	3.74	4.09	3.59	3.59	0.98
1.48	0.68	0.28	0.11	0.04	0.01	-0.003	0.004	0.002	0	2.08	2.33	3.76	4.11	3.61	3.63	0.98
1.44	0.66	0.28	0.11	0.04	0.01	-0.002	0.004	0.002	0	2.31	2.18	3.78	4.11	3.63	3.64	0.98
1.4	0.65	0.27	0.12	0.05	0.01	-0.002	0.004	0.002	0	2.39	1.89	3.77	4.14	3.62	3.63	0.98
1.36	0.63	0.27	0.12	0.05	0.01	-0.001	0.005	0.002	0	1.83	1.61	3.76	4.18	3.63	3.63	0.98
1.32	0.62	0.27	0.12	0.05	0.01	-0.001	0.005	0.001	0	2.38	2.26	3.76	4.24	3.63	3.62	0.98
1.28	0.6	0.27	0.12	0.05	0.01	0	0.005	0.001	0	2.69	2.48	3.76	4.29	3.63	3.61	0.98
1.24	0.59	0.27	0.13	0.06	0.02	0.001	0.005	0	0	2.43	2.31	3.76	4.25	3.6	3.61	0.98
1.2	0.58	0.27	0.13	0.06	0.02	0.002	0.006	0	0	1.93	2.16	3.75	4.16	3.63	3.6	0.98
1.17	0.58	0.28	0.14	0.07	0.02	0.003	0.006	0	0	2.53	2.3	3.72	4.08	3.63	3.57	0.98
1.14	0.57	0.28	0.14	0.07	0.02	0.004	0.006	-0.001	0	2.48	2.56	3.72	4.04	3.61	3.54	0.98
1.11	0.57	0.29	0.15	0.07	0.03	0.005	0.006	-0.001	0	1.77	2.53	3.71	4.11	3.61	3.56	0.98
1.09	0.57	0.29	0.15	0.07	0.03	0.005	0.007	-0.001	0	2.27	2.53	3.72	4.19	3.58	3.55	0.98
1.08	0.58	0.3	0.16	0.08	0.03	0.005	0.007	-0.002	0	2.54	2.42	3.73	4.22	3.6	3.59	0.98
1.08	0.58	0.31	0.16	0.08	0.03	0.006	0.007	-0.001	0	2.53	2.35	3.75	4.17	3.62	3.6	0.98
1.07	0.59	0.31	0.16	0.08	0.03	0.006	0.007	-0.001	0	1.92	2.23	3.76	4.14	3.64	3.63	0.98
1.08	0.6	0.32	0.17	0.08	0.03	0.006	0.006	-0.001	0	1.82	2.17	3.76	4.04	3.66	3.61	0.98
1.08	0.6	0.33	0.17	0.08	0.03	0.006	0.006	-0.001	0	2.23	2.43	3.76	3.97	3.65	3.61	0.98
1.08	0.61	0.33	0.17	0.08	0.04	0.008	0.007	-0.001	0	2.4	2.52	3.76	4	3.62	3.6	0.99
1.09	0.62	0.34	0.18	0.09	0.04	0.009	0.007	-0.001	0	2.49	2.27	3.74	4.03	3.6	3.59	0.99

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
1.09	0.62	0.35	0.19	0.09	0.04	0.01	0.007	-0.001	0	2.48	2.25	3.71	4.03	3.61	3.57	0.99
1.1	0.63	0.35	0.19	0.09	0.04	0.01	0.008	-0.001	0	1.68	2.16	3.71	3.98	3.59	3.54	0.99
1.11	0.64	0.36	0.2	0.1	0.04	0.01	0.009	-0.001	0	2.6	2.27	3.72	4.03	3.6	3.54	0.99
1.12	0.65	0.37	0.2	0.1	0.05	0.01	0.01	0.001	0	2.61	2.18	3.73	4.02	3.59	3.56	0.99
1.13	0.66	0.37	0.21	0.11	0.05	0.02	0.01	0.002	0	2.52	2.46	3.74	4.07	3.6	3.58	1
1.15	0.67	0.38	0.21	0.11	0.05	0.02	0.01	0.003	0	1.96	2.44	3.75	4.02	3.64	3.61	1
1.16	0.68	0.39	0.22	0.12	0.06	0.03	0.01	0.005	0	2.22	2.44	3.76	4.05	3.64	3.62	1
1.17	0.69	0.39	0.22	0.12	0.06	0.03	0.02	0.006	0	2.6	2.57	3.76	4.15	3.66	3.6	1
1.19	0.7	0.4	0.22	0.13	0.06	0.03	0.02	0.007	0	2.65	2.31	3.77	4.19	3.66	3.58	1
1.2	0.71	0.41	0.23	0.13	0.06	0.03	0.02	0.006	0	2.48	2.38	3.76	4.11	3.62	3.57	1
1.23	0.72	0.41	0.23	0.12	0.06	0.03	0.02	0.005	0	1.81	2.41	3.73	4.02	3.62	3.57	1
1.26	0.74	0.42	0.23	0.12	0.06	0.02	0.01	0.004	0	2.23	2.26	3.72	3.97	3.59	3.56	1
1.32	0.77	0.43	0.23	0.12	0.05	0.02	0.01	0.003	0	2.47	2.16	3.72	3.98	3.59	3.56	1
1.39	0.81	0.45	0.23	0.11	0.05	0.02	0.01	0.001	0	2.59	2.53	3.73	4.04	3.6	3.55	1
1.49	0.87	0.48	0.24	0.11	0.05	0.01	0.009	0.001	0	2.55	2.29	3.73	3.99	3.61	3.56	1
1.61	0.94	0.51	0.25	0.11	0.04	0.01	0.007	0	0	1.5	2.18	3.74	3.95	3.62	3.58	1
1.74	1.02	0.55	0.27	0.12	0.04	0.01	0.005	-0.001	0	2.49	2.29	3.76	4.01	3.64	3.61	0.99
1.89	1.11	0.6	0.29	0.12	0.04	0.008	0.004	-0.001	0	2.67	2.53	3.78	4.04	3.65	3.62	0.99
2.04	1.22	0.66	0.31	0.13	0.05	0.01	0.004	-0.001	0	2.6	2.34	3.76	4	3.64	3.63	0.98
2.2	1.32	0.72	0.34	0.14	0.05	0.01	0.005	-0.001	0	2.38	2.39	3.76	3.96	3.64	3.61	0.98
2.36	1.44	0.78	0.38	0.16	0.06	0.01	0.006	0	0	1.6	2.04	3.74	3.98	3.59	3.57	0.97
2.53	1.57	0.86	0.42	0.18	0.06	0.01	0.008	0.001	0	2.54	2.38	3.71	4.08	3.6	3.54	0.97
2.7	1.7	0.94	0.46	0.19	0.07	0.01	0.009	0.002	0	2.69	2.48	3.71	4.16	3.61	3.53	0.96
2.86	1.83	1.02	0.5	0.2	0.07	0.02	0.009	0.002	0	2.48	2.39	3.7	4.16	3.61	3.53	0.96
3.03	1.96	1.11	0.54	0.22	0.07	0.02	0.008	0.002	0	1.28	2.16	3.72	4.1	3.61	3.53	0.96
3.2	2.1	1.2	0.58	0.23	0.07	0.02	0.008	0.002	0	2.34	2.08	3.74	4.06	3.6	3.57	0.95
3.36	2.22	1.28	0.63	0.25	0.08	0.02	0.006	0.001	0	2.52	1.88	3.74	4.06	3.61	3.59	0.95
3.5	2.35	1.37	0.67	0.26	0.08	0.02	0.006	0	0	2.44	1.32	3.76	4.08	3.61	3.6	0.95
3.62	2.46	1.45	0.72	0.28	0.08	0.01	0.004	-0.001	0	1.7	2.3	3.74	4.19	3.6	3.6	0.95
3.73	2.56	1.53	0.76	0.3	0.09	0.01	0.005	-0.001	0	2.41	2.43	3.74	4.26	3.61	3.62	0.95
3.82	2.65	1.6	0.81	0.32	0.1	0.01	0.005	-0.001	0	2.57	2.41	3.74	4.27	3.62	3.57	0.95
3.9	2.73	1.67	0.85	0.34	0.1	0.02	0.006	-0.001	0	2.29	2.21	3.73	4.2	3.61	3.59	0.95
3.96	2.8	1.73	0.89	0.36	0.11	0.02	0.006	-0.001	0	1.98	2.24	3.73	4.17	3.6	3.56	0.95
4.02	2.87	1.79	0.93	0.38	0.12	0.02	0.007	-0.001	0	2.45	2.35	3.72	4.15	3.6	3.58	0.95
4.07	2.92	1.84	0.96	0.4	0.12	0.02	0.007	-0.001	0	2.55	2.19	3.72	4.16	3.6	3.58	0.95
4.11	2.97	1.88	0.99	0.41	0.13	0.02	0.007	0	0	2.3	2.24	3.74	4.23	3.62	3.61	0.95
4.15	3.01	1.91	1.02	0.43	0.13	0.02	0.007	0	0	1.91	2.54	3.75	4.3	3.61	3.62	0.95
4.18	3.04	1.94	1.04	0.44	0.14	0.02	0.007	0	0	2.67	2.43	3.74	4.34	3.61	3.63	0.95
4.19	3.06	1.97	1.06	0.45	0.14	0.03	0.007	0.001	0	2.82	2.41	3.75	4.35	3.62	3.61	0.94
4.21	3.08	1.98	1.08	0.46	0.15	0.03	0.006	0.001	0	2.69	2.46	3.75	4.31	3.6	3.6	0.94
4.21	3.09	2	1.09	0.47	0.15	0.03	0.006	0.001	0	1.9	2.34	3.73	4.17	3.61	3.57	0.94
4.22	3.1	2.01	1.1	0.48	0.16	0.03	0.007	0.002	0	2.74	2.23	3.73	3.99	3.6	3.58	0.95
4.23	3.11	2.02	1.11	0.49	0.16	0.03	0.007	0.002	0	2.75	2.27	3.72	3.93	3.6	3.57	0.95
4.24	3.12	2.02	1.11	0.49	0.16	0.03	0.007	0.002	0	2.7	2.45	3.72	3.93	3.61	3.58	0.95
4.25	3.12	2.03	1.12	0.5	0.17	0.03	0.007	0.002	0	2.04	2.41	3.73	4.07	3.6	3.59	0.96
4.26	3.12	2.03	1.12	0.5	0.17	0.03	0.007	0.002	0	2.65	2.28	3.74	4.22	3.58	3.58	0.96
4.26	3.12	2.03	1.12	0.51	0.17	0.03	0.008	0.002	0	2.82	2.29	3.74	4.27	3.58	3.59	0.97
4.26	3.12	2.02	1.12	0.51	0.17	0.03	0.009	0.002	0	2.53	2.25	3.74	4.2	3.62	3.63	0.97
4.25	3.11	2.01	1.12	0.51	0.18	0.04	0.01	0.002	0	2.18	1.93	3.76	4.05	3.62	3.63	0.98
4.23	3.09	2	1.12	0.52	0.18	0.04	0.01	0.002	0	2.6	1.49	3.74	3.93	3.61	3.61	0.98
4.21	3.07	1.99	1.11	0.52	0.19	0.04	0.01	0.001	0	2.6	2.05	3.75	3.91	3.6	3.58	0.98
4.18	3.04	1.97	1.1	0.52	0.19	0.04	0.01	0	0	2.22	1.53	3.73	3.91	3.6	3.56	0.98
4.14	3.01	1.95	1.09	0.52	0.19	0.04	0.01	-0.001	0	2.24	2.32	3.72	3.96	3.59	3.56	0.98
4.1	2.97	1.92	1.08	0.52	0.19	0.04	0.01	-0.001	0	2.66	2.4	3.72	4	3.59	3.55	0.98

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
4.05	2.93	1.9	1.07	0.52	0.19	0.05	0.01	-0.002	0	2.64	2.2	3.73	3.94	3.61	3.61	0.98
4	2.89	1.87	1.07	0.52	0.2	0.05	0.01	-0.002	0	1.97	2.25	3.75	3.93	3.62	3.59	0.99
3.94	2.85	1.85	1.06	0.52	0.2	0.05	0.01	-0.002	0	2.39	2.31	3.75	4.09	3.64	3.58	0.99
3.89	2.81	1.83	1.05	0.52	0.2	0.05	0.01	-0.002	0	2.64	2.37	3.75	4.3	3.65	3.59	0.99
3.84	2.77	1.81	1.05	0.52	0.2	0.05	0.02	-0.002	0	2.52	2.07	3.76	4.36	3.68	3.58	0.99
3.8	2.75	1.8	1.05	0.53	0.21	0.06	0.02	-0.002	0	1.84	2.13	3.74	4.26	3.63	3.57	0.99
3.77	2.73	1.8	1.05	0.53	0.21	0.06	0.02	-0.002	0	2.33	2.15	3.73	4.18	3.64	3.55	0.99
3.76	2.72	1.79	1.06	0.53	0.21	0.06	0.02	-0.002	0	2.28	2.3	3.73	4.21	3.63	3.55	0.99
3.75	2.72	1.8	1.06	0.54	0.21	0.06	0.02	-0.002	0	1.51	2.27	3.74	4.27	3.64	3.56	0.99
3.76	2.73	1.8	1.06	0.53	0.21	0.06	0.02	-0.002	0	2.06	2.32	3.74	4.33	3.66	3.57	1
3.78	2.74	1.81	1.06	0.53	0.21	0.06	0.02	-0.001	0	1.76	2.31	3.75	4.29	3.66	3.56	1
3.8	2.75	1.82	1.06	0.53	0.21	0.06	0.02	-0.001	0	1.68	2.39	3.76	4.32	3.67	3.57	1
3.82	2.77	1.82	1.06	0.52	0.2	0.06	0.02	0	0	1.66	2.45	3.76	4.35	3.67	3.58	1
3.84	2.79	1.83	1.05	0.51	0.2	0.06	0.01	0	0	2.18	2.1	3.75	4.37	3.64	3.57	1
3.86	2.8	1.84	1.05	0.51	0.2	0.06	0.02	0.002	0	2.36	2.27	3.76	4.31	3.63	3.58	1.01
3.88	2.82	1.84	1.05	0.5	0.2	0.06	0.02	0.003	0	1.95	2.46	3.75	4.23	3.63	3.57	1.01
3.89	2.82	1.84	1.04	0.5	0.2	0.06	0.02	0.004	0	2.23	2.29	3.73	4.13	3.59	3.58	1
3.89	2.82	1.83	1.03	0.49	0.19	0.06	0.01	0.004	0	2.45	2.33	3.73	4.06	3.59	3.54	1
3.88	2.81	1.82	1.02	0.48	0.19	0.05	0.01	0.004	0	2.17	2.26	3.73	4.06	3.61	3.57	1
3.86	2.78	1.8	1.01	0.47	0.19	0.05	0.01	0.003	0	1.95	2.4	3.74	4.13	3.67	3.59	0.99
3.82	2.75	1.77	0.99	0.47	0.18	0.05	0.01	0.003	0	2.37	2.4	3.74	4.18	3.65	3.58	0.99
3.77	2.7	1.73	0.96	0.45	0.18	0.05	0.01	0.003	0	2.4	2.34	3.75	4.13	3.65	3.59	0.98
3.71	2.64	1.69	0.94	0.44	0.18	0.05	0.01	0.003	0	2.05	2.41	3.72	4	3.61	3.58	0.97
3.64	2.58	1.64	0.91	0.43	0.17	0.05	0.01	0.003	0	2.07	2.42	3.71	3.89	3.59	3.55	0.97
3.58	2.52	1.59	0.88	0.42	0.17	0.05	0.01	0.003	0	2.49	2.45	3.71	3.87	3.59	3.53	0.96
3.51	2.46	1.55	0.85	0.4	0.16	0.04	0.01	0.002	0	2.4	2.53	3.72	3.87	3.61	3.55	0.96
3.45	2.4	1.5	0.83	0.39	0.16	0.04	0.01	0.002	0	1.69	2.49	3.71	3.87	3.6	3.53	0.95
3.4	2.34	1.45	0.8	0.38	0.15	0.04	0.01	0.001	0	1.97	2.35	3.73	3.89	3.58	3.54	0.95
3.36	2.29	1.41	0.78	0.37	0.15	0.04	0.01	0.001	0	2.07	2.26	3.73	3.89	3.58	3.55	0.95
3.32	2.25	1.38	0.75	0.36	0.15	0.04	0.01	0.002	0	1.98	2.43	3.72	3.87	3.58	3.56	0.95
3.3	2.22	1.35	0.74	0.35	0.14	0.04	0.01	0.002	0	1.07	2.4	3.71	3.87	3.59	3.57	0.95
3.28	2.19	1.32	0.72	0.35	0.14	0.04	0.01	0.003	0	2.03	2.23	3.71	3.89	3.58	3.56	0.95
3.26	2.16	1.3	0.71	0.34	0.14	0.04	0.01	0.004	0	2.3	2.33	3.72	3.92	3.61	3.55	0.96
3.24	2.14	1.28	0.69	0.34	0.14	0.04	0.01	0.004	0	2.06	2.33	3.73	3.88	3.62	3.58	0.96
3.22	2.12	1.26	0.69	0.34	0.14	0.04	0.01	0.004	0	1.95	1.82	3.75	3.93	3.63	3.59	0.96
3.2	2.1	1.25	0.68	0.34	0.14	0.05	0.01	0.005	0	2.13	2.02	3.74	3.96	3.64	3.59	0.96
3.17	2.08	1.24	0.68	0.34	0.14	0.05	0.01	0.005	0	1.71	2.05	3.73	3.96	3.62	3.6	0.96
3.14	2.06	1.23	0.67	0.34	0.14	0.05	0.01	0.005	0	1.93	1.9	3.73	3.95	3.61	3.6	0.96
3.1	2.03	1.22	0.67	0.34	0.15	0.05	0.01	0.005	0	1.72	2.13	3.72	3.96	3.61	3.57	0.97
3.06	2.01	1.21	0.67	0.34	0.15	0.05	0.01	0.005	0	1.87	2.05	3.7	4.04	3.61	3.56	0.97
3.01	1.98	1.2	0.67	0.34	0.15	0.05	0.01	0.004	0	1.83	2.15	3.72	4.06	3.59	3.54	0.97
4.07	2.96	1.94	1.11	0.55	0.23	0.08	0.02	0.005	0	2.49	2.1	3.75	3.93	3.64	3.58	1.01
4.03	2.94	1.93	1.11	0.55	0.24	0.08	0.02	0.007	0	2.34	2.15	3.75	3.99	3.64	3.58	1.01
3.99	2.91	1.91	1.1	0.55	0.24	0.08	0.03	0.009	0	2.08	2.5	3.74	4.09	3.63	3.58	1.01
3.96	2.89	1.9	1.1	0.55	0.24	0.09	0.03	0.01	0	2.52	2.47	3.73	4.16	3.66	3.57	1.01
3.92	2.86	1.89	1.1	0.55	0.24	0.09	0.04	0.01	0	2.4	2.52	3.74	4.12	3.64	3.58	1.01
3.9	2.85	1.88	1.09	0.55	0.24	0.09	0.04	0.01	0	1.83	2.35	3.75	4.04	3.64	3.59	1
3.89	2.84	1.87	1.08	0.55	0.24	0.09	0.04	0.01	0	2.08	2.19	3.74	3.95	3.62	3.58	1
3.89	2.83	1.86	1.07	0.54	0.24	0.09	0.04	0.01	0	2.17	1.99	3.74	3.88	3.62	3.54	1
3.89	2.82	1.84	1.06	0.53	0.24	0.09	0.04	0.01	0	1.65	2.5	3.73	3.82	3.6	3.55	0.99
3.9	2.81	1.83	1.04	0.52	0.23	0.09	0.04	0.01	0	2.05	2.45	3.74	3.82	3.61	3.57	0.99
3.9	2.81	1.81	1.03	0.51	0.23	0.08	0.04	0.01	0	2.14	1.29	3.75	3.78	3.6	3.56	0.98
3.89	2.8	1.8	1.01	0.5	0.22	0.08	0.03	0.01	0	2.09	1.81	3.74	3.72	3.59	3.56	0.97
3.89	2.78	1.78	1	0.49	0.22	0.08	0.03	0.01	0	1.78	2.23	3.73	3.84	3.59	3.57	0.96

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.87	2.77	1.76	0.98	0.48	0.21	0.08	0.03	0.01	0	2.2	2.2	3.73	3.93	3.59	3.57	0.95
3.86	2.75	1.74	0.97	0.47	0.21	0.08	0.03	0.01	0	2.13	2.25	3.73	3.95	3.6	3.54	0.95
3.84	2.73	1.73	0.96	0.46	0.21	0.08	0.03	0.01	0	1.92	2.46	3.74	3.9	3.62	3.56	0.94
3.82	2.71	1.71	0.94	0.46	0.2	0.08	0.03	0.01	0	2.03	2.12	3.72	3.89	3.62	3.57	0.93
3.81	2.69	1.7	0.93	0.45	0.2	0.08	0.04	0.01	0	1.81	1.99	3.72	3.98	3.59	3.57	0.93
3.79	2.68	1.68	0.92	0.45	0.2	0.08	0.04	0.02	0	1.78	2.24	3.72	4	3.61	3.58	0.92
3.79	2.67	1.67	0.91	0.44	0.2	0.08	0.04	0.02	0	2.17	2.27	3.72	4.06	3.6	3.56	0.92
3.78	2.66	1.66	0.91	0.44	0.2	0.08	0.04	0.02	0	2.16	2.33	3.73	4.06	3.58	3.59	0.92
3.77	2.65	1.64	0.9	0.43	0.2	0.08	0.04	0.02	0	2.13	2.29	3.73	3.97	3.59	3.57	0.92
3.77	2.64	1.63	0.89	0.43	0.19	0.08	0.04	0.01	0	2.21	2.17	3.71	3.83	3.6	3.57	0.92
3.77	2.63	1.62	0.88	0.42	0.19	0.08	0.04	0.01	0	2.06	2.09	3.71	3.73	3.61	3.56	0.92
3.77	2.62	1.62	0.87	0.42	0.19	0.08	0.04	0.01	0	2.65	2.21	3.72	3.83	3.6	3.57	0.93
3.77	2.61	1.61	0.86	0.41	0.19	0.08	0.04	0.01	0	2.6	1.77	3.72	3.8	3.62	3.57	0.93
3.77	2.61	1.6	0.86	0.41	0.19	0.08	0.04	0.01	0	2.06	2.23	3.74	3.84	3.61	3.57	0.94
3.77	2.6	1.59	0.85	0.4	0.18	0.08	0.04	0.01	0	2.34	1.99	3.72	4.09	3.6	3.57	0.95
3.76	2.59	1.58	0.84	0.4	0.18	0.08	0.04	0.01	0	2.53	1.93	3.72	4.2	3.62	3.59	0.97
3.76	2.58	1.57	0.83	0.39	0.18	0.08	0.04	0.01	0	2.48	2.21	3.75	4.24	3.6	3.59	0.98
3.75	2.57	1.56	0.82	0.39	0.18	0.08	0.04	0.02	0	2.36	2.33	3.74	4.17	3.63	3.6	0.99
3.73	2.55	1.54	0.82	0.39	0.18	0.08	0.04	0.02	0	2.21	2.47	3.75	4.06	3.64	3.61	1
3.7	2.52	1.53	0.81	0.38	0.18	0.08	0.04	0.02	0	2.03	2.33	3.74	3.86	3.63	3.58	1
3.66	2.49	1.5	0.79	0.38	0.18	0.08	0.04	0.02	0	2.4	1.97	3.74	3.8	3.63	3.6	1.01
3.62	2.46	1.48	0.78	0.37	0.18	0.08	0.04	0.02	0	2.62	2.4	3.74	3.95	3.62	3.58	1.01
3.57	2.42	1.46	0.77	0.37	0.17	0.08	0.04	0.02	0	2.52	2.55	3.74	3.93	3.64	3.58	1.01
3.52	2.39	1.43	0.76	0.37	0.17	0.08	0.04	0.02	0	2.37	2.26	3.74	3.82	3.64	3.58	1.02
3.48	2.35	1.4	0.75	0.36	0.17	0.08	0.04	0.02	0	2.15	2.25	3.73	3.79	3.61	3.56	1.02
3.43	2.31	1.38	0.73	0.36	0.17	0.08	0.04	0.02	0	2.42	2.24	3.73	3.97	3.64	3.54	1.02
3.39	2.27	1.35	0.72	0.35	0.17	0.08	0.04	0.02	0	2.58	2.13	3.73	4.04	3.62	3.53	1.02
3.35	2.23	1.32	0.7	0.34	0.16	0.08	0.04	0.01	0	2.53	2.21	3.76	4.03	3.63	3.56	1.03
3.31	2.19	1.29	0.68	0.34	0.16	0.07	0.04	0.01	0	2.04	2.4	3.75	3.88	3.65	3.55	1.03
3.26	2.14	1.25	0.67	0.33	0.16	0.07	0.04	0.01	0	2.22	2.16	3.75	3.8	3.64	3.59	1.03
3.21	2.1	1.22	0.65	0.33	0.16	0.07	0.03	0.01	0	2.54	2.29	3.77	3.9	3.66	3.6	1.03
3.16	2.05	1.19	0.64	0.33	0.16	0.07	0.03	0.01	0	2.4	2.46	3.76	3.9	3.64	3.6	1.03
3.1	2	1.16	0.63	0.32	0.16	0.07	0.03	0.01	0	1.96	2.36	3.75	3.84	3.63	3.6	1.03
3.04	1.96	1.14	0.62	0.32	0.16	0.07	0.03	0.009	0	2.15	2.35	3.73	3.73	3.62	3.58	1.03
2.98	1.92	1.12	0.61	0.32	0.16	0.06	0.03	0.009	0	2.01	2.32	3.73	3.7	3.63	3.59	1.03
2.93	1.88	1.1	0.6	0.32	0.16	0.06	0.03	0.009	0	2.01	2.43	3.73	3.7	3.64	3.58	1.02
2.88	1.85	1.09	0.6	0.32	0.16	0.07	0.03	0.009	0	2.03	2.39	3.73	3.72	3.63	3.6	1.02
2.83	1.82	1.08	0.6	0.32	0.16	0.07	0.03	0.009	0	1.63	2.56	3.74	3.78	3.63	3.59	1.02
2.79	1.8	1.07	0.6	0.32	0.16	0.06	0.03	0.008	0	2.16	2.56	3.74	3.85	3.61	3.59	1.01
2.76	1.78	1.06	0.6	0.32	0.16	0.06	0.02	0.008	0	2.2	2.44	3.75	3.88	3.63	3.57	1.01
2.73	1.76	1.06	0.6	0.32	0.16	0.06	0.02	0.008	0	1.95	2.18	3.74	3.86	3.63	3.59	1
2.71	1.75	1.06	0.6	0.32	0.16	0.06	0.02	0.008	0	1.64	1.89	3.75	3.76	3.61	3.56	0.99
2.69	1.75	1.06	0.6	0.32	0.16	0.06	0.02	0.007	0	1.87	2	3.73	3.71	3.6	3.56	0.99
2.68	1.75	1.06	0.61	0.33	0.16	0.06	0.02	0.007	0	2	2.37	3.73	3.67	3.59	3.59	0.98
2.69	1.75	1.07	0.61	0.33	0.16	0.06	0.02	0.007	0	1.72	2.38	3.72	3.68	3.63	3.58	0.98
2.69	1.76	1.07	0.61	0.33	0.16	0.06	0.02	0.007	0	2.07	2.37	3.73	3.68	3.6	3.59	0.97
2.69	1.76	1.08	0.61	0.33	0.16	0.06	0.02	0.006	0	2.06	2	3.74	3.68	3.62	3.56	0.97
2.7	1.77	1.08	0.61	0.32	0.15	0.06	0.02	0.006	0	2.1	2.06	3.74	3.7	3.59	3.57	0.96
2.71	1.77	1.08	0.61	0.32	0.15	0.05	0.01	0.005	0	2.15	2.26	3.73	3.74	3.6	3.57	0.96
2.71	1.78	1.08	0.61	0.31	0.14	0.05	0.01	0.005	0	1.84	2.34	3.72	3.8	3.59	3.58	0.96
2.72	1.78	1.09	0.61	0.31	0.14	0.05	0.01	0.005	0	1.56	2.32	3.72	3.84	3.58	3.56	0.96
2.72	1.78	1.09	0.61	0.31	0.14	0.05	0.01	0.005	0	1.57	2.32	3.73	3.93	3.6	3.57	0.97
2.71	1.78	1.09	0.61	0.31	0.14	0.05	0.01	0.004	0	2.15	2.27	3.73	3.95	3.61	3.57	0.97
2.71	1.78	1.09	0.61	0.31	0.14	0.05	0.01	0.004	0	2.11	2.2	3.74	3.94	3.6	3.59	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
2.7	1.78	1.09	0.61	0.31	0.14	0.05	0.01	0.004	0	1.59	2.1	3.75	3.97	3.61	3.59	0.98
2.69	1.78	1.1	0.62	0.32	0.14	0.05	0.01	0.004	0	2.26	2.36	3.75	3.92	3.62	3.61	0.98
2.68	1.78	1.1	0.63	0.32	0.14	0.05	0.01	0.004	0	2.25	2.33	3.75	3.92	3.62	3.6	0.99
2.67	1.78	1.11	0.64	0.33	0.15	0.05	0.02	0.004	0	2.15	2.28	3.75	3.98	3.64	3.62	0.99
2.66	1.79	1.12	0.64	0.34	0.15	0.06	0.02	0.003	0	1.83	2.24	3.74	4.06	3.62	3.58	0.99
2.66	1.79	1.13	0.65	0.34	0.16	0.06	0.02	0.004	0	2.1	1.29	3.74	4.13	3.63	3.59	0.99
2.67	1.81	1.14	0.66	0.35	0.16	0.06	0.02	0.005	0	2.05	1.7	3.73	4.16	3.63	3.59	1
2.69	1.82	1.15	0.67	0.35	0.16	0.06	0.02	0.006	0	2.14	1.9	3.74	4.2	3.63	3.57	1
2.73	1.85	1.16	0.67	0.35	0.16	0.06	0.02	0.006	0	2.26	1.93	3.73	4.2	3.63	3.57	1
2.78	1.88	1.18	0.67	0.34	0.15	0.06	0.02	0.005	0	1.99	1.95	3.76	4.17	3.63	3.55	1
2.85	1.92	1.2	0.68	0.33	0.14	0.05	0.01	0.004	0	1.8	2.34	3.75	4.08	3.6	3.58	1
2.93	1.98	1.23	0.69	0.33	0.14	0.05	0.01	0.004	0	2.27	2.38	3.76	3.99	3.64	3.59	1
3.02	2.05	1.26	0.7	0.33	0.14	0.04	0.01	0.003	0	1.94	2.17	3.76	3.98	3.65	3.6	1.01
3.12	2.12	1.3	0.72	0.34	0.14	0.05	0.01	0.004	0	2.05	2.23	3.75	4	3.62	3.62	1.01
3.22	2.19	1.35	0.74	0.35	0.14	0.05	0.01	0.005	0	2.36	2.06	3.74	3.98	3.6	3.62	1.01
3.32	2.28	1.41	0.77	0.37	0.15	0.06	0.02	0.009	0	2.25	2.19	3.75	3.87	3.62	3.57	1
3.42	2.37	1.47	0.81	0.38	0.16	0.06	0.02	0.01	0	1.9	2.31	3.74	3.77	3.61	3.57	1
3.53	2.46	1.53	0.84	0.4	0.17	0.06	0.03	0.01	0	2.34	2.5	3.73	3.91	3.62	3.56	1
3.63	2.55	1.59	0.87	0.41	0.17	0.06	0.03	0.01	0	2.37	2.18	3.74	3.96	3.63	3.58	0.99
3.73	2.63	1.65	0.9	0.42	0.17	0.06	0.03	0.01	0	2.17	2.17	3.76	3.91	3.62	3.58	0.99
3.83	2.72	1.7	0.92	0.42	0.17	0.06	0.02	0.01	0	2.06	2.15	3.73	3.8	3.61	3.58	0.98
3.92	2.79	1.75	0.94	0.43	0.16	0.05	0.02	0.008	0	2.4	1.82	3.73	3.71	3.6	3.57	0.98
4	2.86	1.8	0.96	0.43	0.15	0.05	0.01	0.004	0	2.21	1.36	3.73	3.75	3.63	3.59	0.97
4.07	2.93	1.85	0.98	0.43	0.15	0.04	0.01	-0.001	0	1.54	2.21	3.73	3.85	3.62	3.57	0.97
4.13	2.98	1.88	1	0.42	0.14	0.03	0.008	-0.004	0	2.27	2.39	3.73	3.93	3.62	3.58	0.96
4.18	3.03	1.92	1.02	0.43	0.14	0.03	0.009	-0.003	0	2.14	2.43	3.73	3.97	3.61	3.58	0.96
4.23	3.07	1.95	1.03	0.43	0.13	0.03	0.009	-0.001	0	1.33	2.36	3.73	3.92	3.58	3.57	0.95
4.26	3.11	1.98	1.04	0.43	0.13	0.03	0.009	0	0	1.64	2.06	3.72	3.92	3.6	3.56	0.95
4.3	3.14	1.99	1.05	0.43	0.13	0.03	0.009	0.001	0	1.59	1.5	3.72	3.88	3.61	3.53	0.94
4.32	3.16	2.01	1.05	0.42	0.12	0.02	0.009	0.001	0	1.84	2.13	3.73	3.9	3.63	3.57	0.94
4.34	3.17	2.01	1.05	0.42	0.12	0.02	0.009	0.002	0	1.93	2.38	3.73	3.85	3.63	3.59	0.93
4.34	3.17	2.01	1.04	0.42	0.12	0.02	0.009	0.002	0	2.03	2.39	3.74	3.8	3.61	3.61	0.93
4.34	3.16	2	1.04	0.41	0.12	0.02	0.009	0.001	0	1.78	2.38	3.72	3.72	3.62	3.59	0.93
4.32	3.14	1.98	1.03	0.41	0.12	0.02	0.01	0.001	0	2.05	2.35	3.72	3.72	3.62	3.6	0.93
4.28	3.11	1.96	1.02	0.41	0.12	0.02	0.01	0	0	2.18	2.4	3.72	3.78	3.62	3.59	0.92
4.23	3.06	1.93	1	0.4	0.12	0.02	0.01	-0.001	0	1.63	2.46	3.72	3.91	3.61	3.56	0.92
4.17	3.01	1.89	0.98	0.4	0.12	0.02	0.01	-0.001	0	2.06	2.33	3.72	3.96	3.61	3.54	0.92
4.12	2.96	1.85	0.96	0.39	0.12	0.02	0.01	-0.001	0	2.23	2.28	3.7	4.03	3.62	3.56	0.92
4.07	2.91	1.81	0.94	0.39	0.12	0.02	0.009	-0.001	0	2.19	2.47	3.69	4	3.61	3.57	0.93
4.02	2.85	1.77	0.92	0.38	0.12	0.02	0.009	0	0	1.91	2.36	3.71	3.95	3.6	3.55	0.93
3.98	2.8	1.73	0.89	0.37	0.12	0.02	0.008	0	0	1.81	2.4	3.71	3.83	3.59	3.55	0.94
3.93	2.75	1.68	0.87	0.36	0.12	0.02	0.007	0.001	0	1.87	2.21	3.73	3.76	3.6	3.57	0.95
3.89	2.7	1.64	0.85	0.35	0.11	0.02	0.006	0.001	0	2.33	1.95	3.74	3.85	3.63	3.59	0.95
3.83	2.64	1.6	0.82	0.35	0.11	0.02	0.005	0.001	0	2.21	2.06	3.77	3.95	3.64	3.6	0.96
3.77	2.58	1.56	0.8	0.34	0.11	0.02	0.005	0.001	0	1.95	1.9	3.76	3.94	3.63	3.61	0.96
3.7	2.52	1.51	0.78	0.33	0.11	0.02	0.005	0	0	2.36	1.99	3.75	3.9	3.62	3.62	0.97
3.63	2.46	1.47	0.76	0.32	0.1	0.02	0.005	0	0	1.97	2.43	3.75	3.97	3.64	3.62	0.97
3.55	2.4	1.44	0.74	0.32	0.1	0.02	0.005	-0.001	0	2	2.22	3.75	4.05	3.61	3.6	0.97
3.48	2.34	1.4	0.72	0.31	0.1	0.02	0.006	-0.001	0	2.48	2.06	3.73	4.14	3.61	3.57	0.97
3.4	2.29	1.36	0.71	0.3	0.1	0.02	0.006	-0.001	0	2.46	2.28	3.72	4.13	3.61	3.55	0.97
3.34	2.23	1.33	0.69	0.3	0.1	0.02	0.007	0	0	1.97	2.11	3.71	4.01	3.6	3.57	0.97
3.27	2.18	1.3	0.67	0.29	0.1	0.02	0.008	0	0	1.97	2.06	3.73	3.86	3.61	3.54	0.97
3.21	2.14	1.27	0.66	0.28	0.09	0.02	0.007	-0.001	0	2.36	1.91	3.73	3.74	3.6	3.56	0.97
3.15	2.09	1.25	0.65	0.28	0.09	0.02	0.008	-0.001	0	2.35	2.29	3.75	3.76	3.6	3.58	0.97

Emz_final7	Emz_final8	Emz_final9	Emz_final10	Emz_final11	Emz_final12	Emz_final13	Emz_final14	Emz_final15	Z_spherics	Z_lowfreq	Z_powerline	Z_vlf1	Z_vlf2	Z_vlf3	Z_vlf4	Z_geofact
3.09	2.05	1.22	0.64	0.27	0.09	0.02	0.009	-0.001	0	2.1	2.49	3.74	3.86	3.6	3.61	0.97
3.03	2.01	1.2	0.63	0.27	0.09	0.02	0.01	0	0	1.71	2.37	3.73	3.94	3.61	3.58	0.96
2.97	1.97	1.18	0.62	0.27	0.1	0.02	0.01	0.001	0	1.96	1.88	3.73	4.07	3.63	3.58	0.96
2.91	1.94	1.16	0.61	0.26	0.1	0.02	0.01	0.002	0	2.17	2.11	3.73	4.12	3.59	3.58	0.96
2.86	1.9	1.14	0.6	0.26	0.1	0.03	0.01	0.004	0	2.2	2.31	3.73	4.07	3.62	3.56	0.96
2.82	1.88	1.13	0.59	0.25	0.09	0.03	0.02	0.005	0	2.12	2.28	3.72	3.99	3.61	3.55	0.95
2.78	1.85	1.1	0.57	0.25	0.09	0.03	0.02	0.005	0	1.86	2.26	3.71	3.93	3.61	3.55	0.95
2.76	1.82	1.08	0.55	0.24	0.08	0.03	0.01	0.004	0	2.24	2.26	3.72	3.8	3.59	3.56	0.95
2.74	1.8	1.05	0.53	0.22	0.08	0.02	0.01	0.002	0	2.05	2.39	3.72	3.74	3.59	3.57	0.95
2.73	1.77	1.02	0.5	0.21	0.07	0.02	0.01	0	0	1.65	2.42	3.71	3.74	3.6	3.55	0.95
2.72	1.75	0.99	0.48	0.19	0.06	0.01	0.009	-0.001	0	1.77	2.12	3.72	3.74	3.6	3.54	0.95
2.71	1.72	0.95	0.45	0.17	0.05	0.01	0.007	-0.002	0	1.82	2.04	3.72	3.76	3.59	3.54	0.95
2.7	1.68	0.92	0.42	0.16	0.05	0.01	0.005	-0.002	0	1.81	1.93	3.72	3.81	3.6	3.55	0.95
2.68	1.64	0.88	0.4	0.15	0.04	0.01	0.004	-0.001	0	2.39	1.85	3.72	3.84	3.6	3.55	0.96
2.64	1.6	0.84	0.37	0.14	0.04	0.01	0.004	-0.001	0	2.37	2.15	3.73	3.76	3.6	3.56	0.96
2.6	1.55	0.79	0.35	0.13	0.04	0.01	0.005	0	0	1.88	2.38	3.73	3.79	3.62	3.57	0.96
2.53	1.48	0.75	0.32	0.12	0.04	0.01	0.006	0	0	2.42	2.46	3.75	3.96	3.64	3.6	0.96
2.44	1.41	0.7	0.3	0.11	0.04	0.01	0.01	0.002	0	2.72	2.28	3.74	4.01	3.65	3.62	0.97
2.34	1.33	0.65	0.28	0.11	0.05	0.01	0.01	0.004	0	2.61	2.37	3.76	3.95	3.64	3.61	0.97
2.22	1.24	0.6	0.25	0.11	0.05	0.02	0.01	0.006	0	1.84	2.3	3.73	3.79	3.63	3.62	0.97
2.09	1.15	0.55	0.24	0.1	0.05	0.02	0.02	0.01	0	2.46	1.8	3.71	3.88	3.61	3.59	0.97
1.95	1.05	0.49	0.21	0.1	0.05	0.03	0.02	0.01	0	2.5	1.8	3.71	3.95	3.59	3.54	0.97
1.8	0.96	0.44	0.19	0.09	0.05	0.02	0.02	0.01	0	2.06	2.01	3.72	3.93	3.59	3.53	0.97
1.65	0.87	0.4	0.18	0.09	0.05	0.03	0.02	0.01	0	1.98	2.05	3.71	3.89	3.61	3.55	0.97
1.51	0.78	0.36	0.16	0.08	0.05	0.02	0.02	0.009	0	2.04	2.23	3.71	3.91	3.6	3.55	0.97
1.37	0.71	0.32	0.15	0.08	0.04	0.02	0.01	0.007	0	2.13	1.99	3.74	4.02	3.59	3.55	0.97
1.25	0.64	0.3	0.14	0.07	0.04	0.02	0.01	0.005	0	2.2	2.22	3.73	4.06	3.61	3.57	0.97
1.13	0.58	0.27	0.13	0.07	0.03	0.01	0.01	0.004	0	2.48	2.4	3.74	4.09	3.6	3.59	0.97
1.04	0.54	0.26	0.13	0.07	0.03	0.01	0.01	0.004	0	1.97	2.18	3.76	4.09	3.62	3.6	0.98
0.96	0.51	0.26	0.14	0.08	0.04	0.01	0.01	0.005	0	1.74	1.35	3.75	3.99	3.61	3.63	0.98
0.88	0.49	0.26	0.14	0.08	0.03	0.01	0.01	0.005	0	1.94	2.24	3.73	3.9	3.61	3.6	0.98
0.83	0.47	0.26	0.14	0.08	0.04	0.01	0.01	0.004	0	1.78	2.05	3.73	3.78	3.6	3.58	0.98
0.79	0.46	0.26	0.15	0.08	0.04	0.01	0.01	0.003	0	2.23	2.07	3.71	3.9	3.63	3.58	0.98
0.76	0.46	0.27	0.15	0.08	0.04	0.01	0.01	0.003	0	2.5	2.32	3.72	3.98	3.61	3.58	0.98
0.74	0.46	0.27	0.15	0.08	0.04	0.01	0.01	0.001	0	2.43	2.23	3.71	3.96	3.6	3.58	0.98
0.73	0.45	0.27	0.15	0.08	0.03	0.01	0.009	-0.002	0	1.86	2.02	3.71	3.87	3.61	3.57	0.98
0.72	0.46	0.27	0.16	0.08	0.03	0.008	0.008	-0.002	0	2.15	1.91	3.72	3.92	3.6	3.58	0.98
0.72	0.45	0.27	0.15	0.08	0.03	0.007	0.007	-0.002	0	2.42	2.05	3.73	4.01	3.63	3.61	0.98
0.72	0.45	0.27	0.15	0.08	0.03	0.006	0.007	-0.001	0	2.3	2.2	3.75	4.05	3.64	3.58	0.98
0.72	0.45	0.27	0.15	0.08	0.03	0.006	0.006	-0.001	0	2.11	2.25	3.74	4.03	3.64	3.6	0.98
0.72	0.45	0.27	0.15	0.07	0.03	0.005	0.005	-0.001	0	2.01	2.18	3.72	3.94	3.63	3.58	0.98
0.71	0.45	0.27	0.15	0.07	0.03	0.005	0.005	0	0	1.8	2.28	3.73	3.94	3.63	3.58	0.98
0.71	0.44	0.26	0.15	0.07	0.03	0.004	0.005	0	0	2.05	2.44	3.73	4.01	3.63	3.56	0.97
0.7	0.44	0.26	0.15	0.07	0.03	0.004	0.005	0	0	2.43	2.55	3.73	4.05	3.62	3.55	0.97
0.7	0.44	0.26	0.15	0.07	0.03	0.004	0.005	0	0	2.05	2.34	3.73	4.05	3.64	3.55	0.97
0.69	0.43	0.26	0.15	0.07	0.03	0.004	0.005	0	0	1.94	2.2	3.72	4.03	3.64	3.58	0.97
0.69	0.43	0.26	0.14	0.07	0.03	0.004	0.005	0	0	2.06	2.16	3.74	4.04	3.63	3.57	0.97
0.68	0.42	0.25	0.14	0.07	0.03	0.004	0.005	-0.001	0	1.49	2.45	3.74	4.03	3.62	3.59	0.97
0.67	0.42	0.25	0.14	0.06	0.03	0.005	0.005	-0.001	0	1.7	2.49	3.75	4.04	3.64	3.59	0.97
0.66	0.41	0.25	0.14	0.06	0.03	0.007	0.006	-0.001	0	1.97	1.88	3.74	4.08	3.62	3.6	0.97
0.65	0.41	0.25	0.14	0.07	0.03	0.01	0.009	0	0	1.97	2.34	3.73	4.1	3.62	3.56	0.96
0.64	0.41	0.24	0.14	0.07	0.03	0.01	0.01	0.002	0	2.32	2.4	3.73	4.12	3.62	3.56	0.96
0.63	0.4	0.24	0.14	0.07	0.04	0.01	0.01	0.004	0	2.52	2.43	3.73	4.15	3.6	3.55	0.96
0.62	0.4	0.24	0.14	0.07	0.04	0.02	0.01	0.006	0	2.29	2.49	3.72	4.09	3.57	3.55	0.96

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0.61	0.39	0.24	0.14	0.08	0.04	0.02	0.01	0.007	0	2.26	1.96	3.72	4.01	3.57	3.57	0.96
0.6	0.38	0.23	0.14	0.08	0.04	0.02	0.01	0.007	0	2.59	1.93	3.72	4.03	3.59	3.55	0.96
0.58	0.37	0.23	0.14	0.08	0.04	0.02	0.01	0.007	0	2.49	2.08	3.73	3.97	3.57	3.57	0.96

Minotaur

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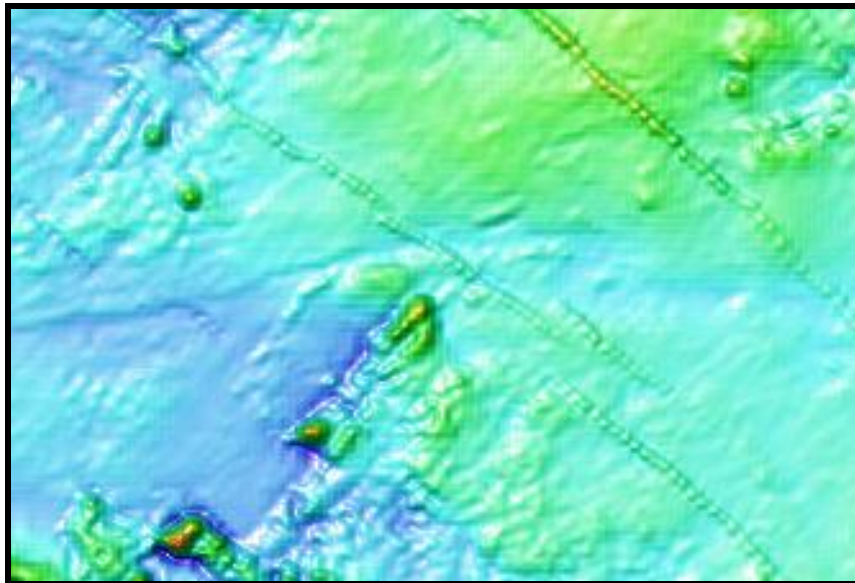


Minotaur Exploration Ltd
247 Greenhill Rd, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8366 6001
Email: admin@minotaurexploration.com.au

ANNUAL TECHNICAL REPORT

EL 3157 YERDA WELL
SOUTH AUSTRALIA

FOR YEAR ENDING 19th JANUARY 2008



R.B. Flint & J.M. Godsmark

Minotaur Exploration Ltd
247 Greenhill Rd, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8366 6001
Email: admin@minotaurexploration.com.au

ANNUAL TECHNICAL REPORT

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FOR YEAR ENDING 19th JANUARY 2008

R.B. Flint
Chief Geologist

J.M. Godsmark
Geologist

August 2008

SUMMARY

- Forty-six (46) rock, soil and surface lag samples were collected over a poorly-exposed E-W trending fault zone interpreted to represent an eastern continuation of the Yerda Shear Zone, but no anomalous gold values were obtained.
- No exploration activities for uranium were undertaken by Toro Energy in the reporting period.

MAP REFERENCE: 1:250 000: TARCOOLA (SH 53-10), CHILDARA (SH 53-14) and
GAIRDNER (SH 53-15)
MAP REFERENCE: 1:100 000: Meelera (5835), Tarcoola (5836) and Kokatha (5935)
DISTRIBUTION: PIRSA
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Appendix A: Sample locations and geochemistry for surface samples (rock, lag, soil and stream sediments), digital file only.

1.0 INTRODUCTION

EL 3157 (Yerda Well) is situated south and west of Kingoonya on the central portion of the Gawler Craton, central South Australia (Figure 1). The tenement covers 620 km² and was acquired by Minex (SA) Pty Ltd (now Minotaur Operations Pty Ltd) on 20th January 2004 to explore for Fe-oxide Cu-Au deposits with Minotaur Resources Pty Ltd (now Minotaur Exploration Pty Ltd) as operator.

This report represents the fourth annual technical report for EL 3157 and follows earlier reports by Flint and Hart (2005), Flint, Burt and Thompson (2006) and Flint and Murray (2007).

During the past 12 months, exploration activity included a sampling programme over an E–W trending fault zone representing an eastern continuation of the Yerda Shear Zone.

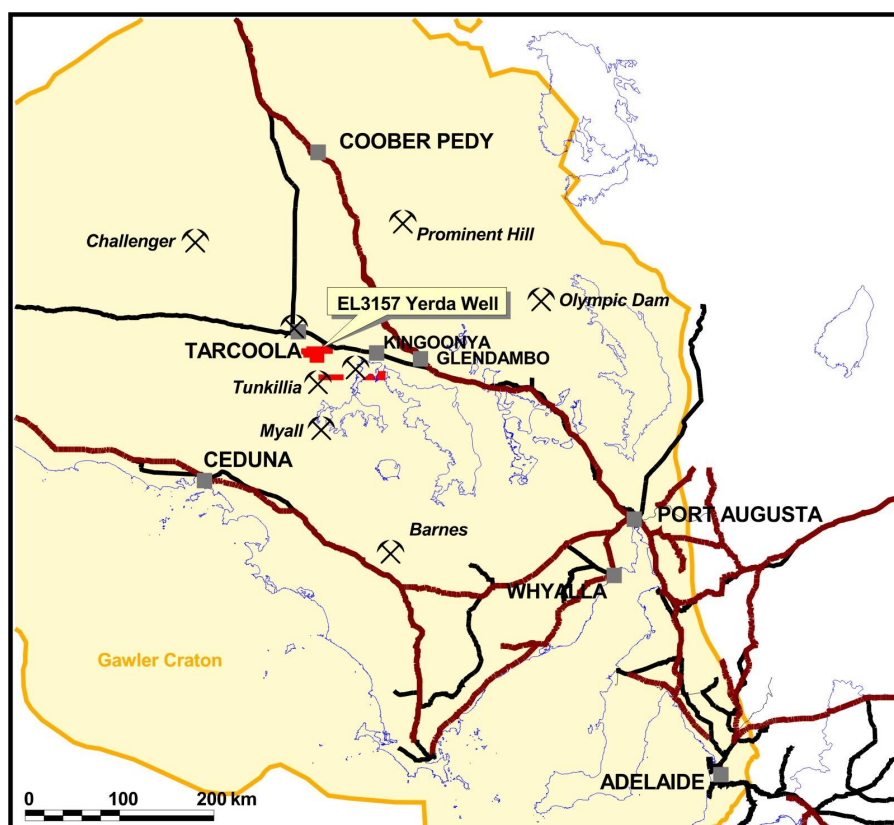


Figure 1: Location plan for EL 3157 (Yerda Well), South Australia.

The licence area comprises three subareas (Figure 2):

- The *eastern subarea* is north of Kokatha Homestead, bordered by Lake Harris and encompasses part of the westernmost Gawler Ranges,
- The *central subarea* is south of Yerda Outstation with very limited basement exposure,
- The *northern subarea* south of Wilgena Homestead and the transcontinental railway is predominantly covered with sand dunes and spreads although numerous isolated basement exposures are present.

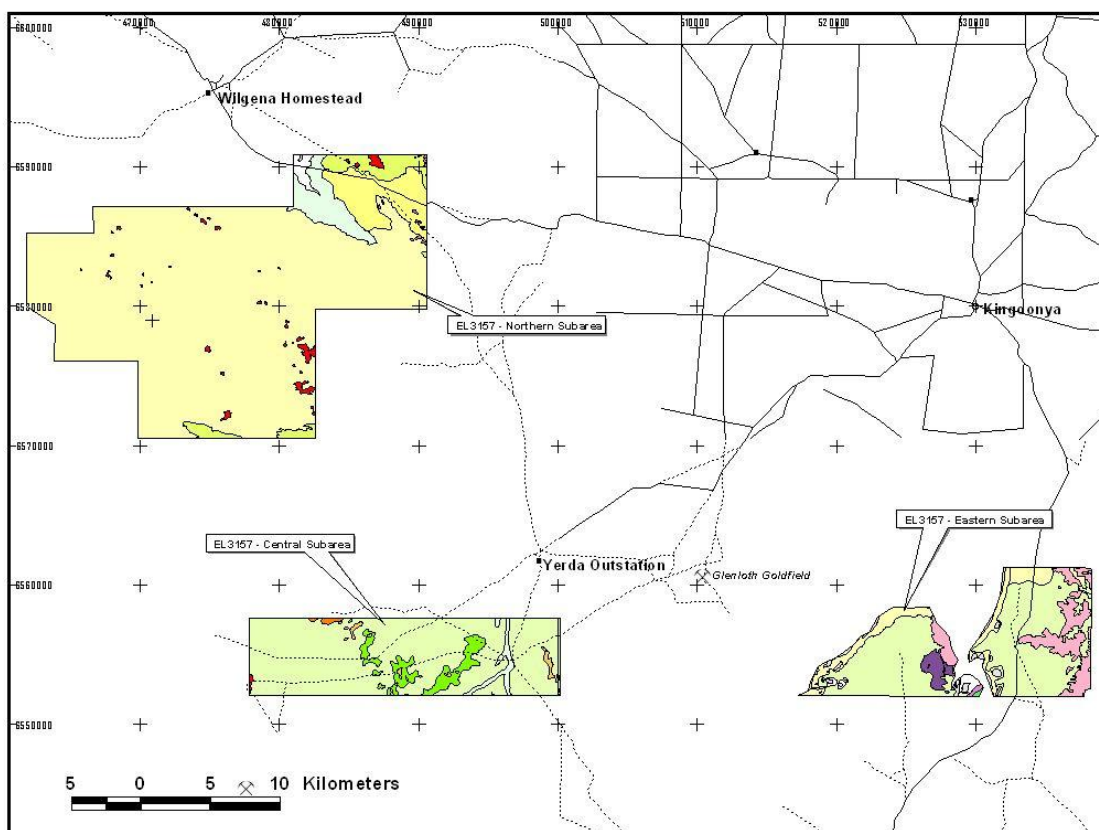


Figure 2: Outcrop geology of EL 3157 (Yerda Well) (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991).

2.0 REGIONAL GEOLOGY

The central portion of the Gawler Craton consists of a great variety of geological units and is structurally complex. Archaean metamorphic rocks and greenstone-belt units are distributed along WSW–ENE trends, including within the Harris Greenstone Belt. During the Palaeoproterozoic, various volcanosedimentary sequences, including the Wilgena Hill Jaspilite, Eba Formation, Labyrinth Formation and Tarcoola Formation were deposited within localised basins that were variously deformed during late stages of the Kimban and Kararan Orogenies. Associated plutonism includes the Muckanippie Anorthosite and granitoids of the Tunkillia Suite and St Peter Suite. During these deformational episodes, major shear zones developed, including the E-trending Yerda and Oolabinnia Shear Zones and N-trending Yarlbirinda Shear Zone that are up to several kilometres wide with ductile shearing and deformation occurring before ~1600 Ma (Daly et al., 1998; McLean and Betts, 2003) (Figures 3–5).

During the Mesoproterozoic, widespread anorogenic magmatism across the central portion of the craton resulted in voluminous outpourings of the Gawler Range Volcanics, intrusion of Hiltaba Suite granite, emplacement of minor gabbroic plugs and development of Cu-Au +/- U mineralisation at Olympic Dam and Prominent Hill and Au-only mineralisation at Tunkillia and Tarcoola (Blissett et al, 1993; Flint, 1993) (Figure 3). Displacements along NE-trending faults (e.g. Bulgunnia Fault), NW-trending faults and the N-trending Yarlbirinda Shear Zone (local reactivation) were predominantly vertical.

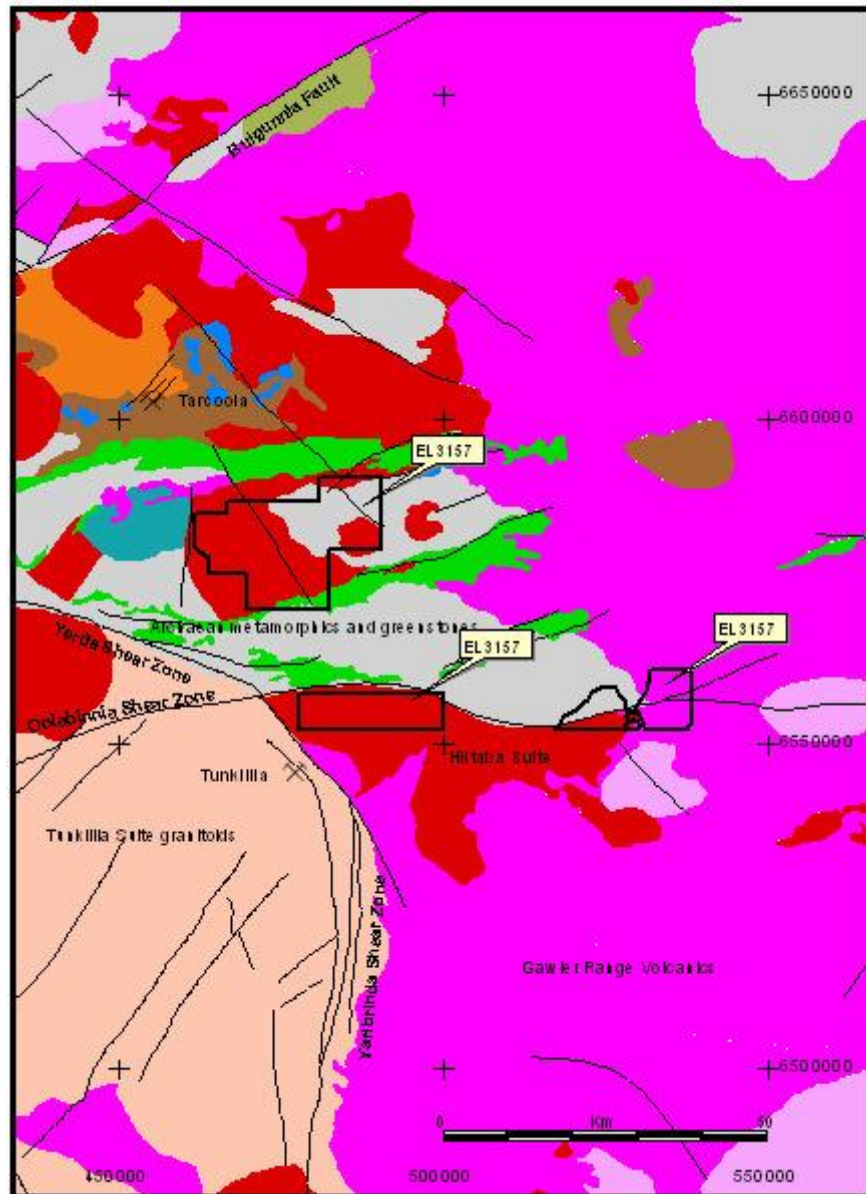


Figure 3: Regional tectonic sketch for the central Gawler Craton (Fairclough et al., 2003) showing the position of EL 3157.

3.0 REGIONAL MINERALISATION

No significant mineral prospects or mines are known within EL 3157 (Yerda Well) but mineralisation, predominantly tin and gold, is present at various localities regionally.

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

The Tarcoola Goldfield yielded 2.387 t of gold at an average grade of 37.5 g/t Au during the period 1901–1986. Production was from quartz reefs within Palaeoproterozoic Tarcoola Formation siltstone and quartzite and to a much lesser extent within nearby Hiltaba Suite granite (Daly et al., 1990; Daly in Flint, 1993).

The Glenloth Goldfield was worked 1893–1901 and again during the 1930's for a total recorded production of 315.4 kg of gold from 14,620 t of ore yielding an average grade of 21.6 g/t Au (Daly in Flint, 1993). Auriferous quartz veins and vein sets up to one metre wide occur within sheared Archaean Glenloth Granite and Kenella Gneiss (Mulgathing Complex) and are believed to have been derived from a shallow concealed Hiltaba Suite granite batholith (Blissett, 1985).

In the northern Yarlbirinda Shear Zone lies the Tunkillia Prospect where Helix Resources defined a total resource in accordance with the JORC Code for the Tunkillia Prospect (Area 223) of 10.5 Mt at 2.2 g/t Au for 730,000 oz of contained gold (Ferris and Wilson, 2004). This was modified by Minotaur Exploration in 2007 with a total gold inventory of 800,000 ounces, comprising an oxide resource of 5.7 million tonnes at 1.3 g/t Au (230,000 ounces) at 0.5 g/t cutoff, and a sulphide resource of 8.6 million tonnes at 2.1 g/t Au (570,000 ounces) at 1.0 g/t cutoff being reported for Area 223 (Gee et al, 2007). Host rocks within the Yarlbirinda Shear Zone are sheared Palaeoproterozoic Tunkillia Suite lithologies with gold and associated pyrite occurring in steeply-dipping quartz veins within an alteration zone comprising sericite and chlorite. Mineralisation is interpreted to be related to fluids emanating from a Hiltaba Suite granite and preferentially focused along the Yarlbirinda Shear Zone.

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

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

Total production for the Earea Dam Goldfield (east of the northern subarea of EL 3157) is estimated at ~59.2 kg of Au from hand-picked ore at an average grade of 35.3 g/t Au (Fradd, 1988). Anomalous tin and silver occur with the gold with selected samples ranging up to 9.5% Sn. Tin mineralisation within greissen veins also occurs at Warna Rockhole and South Lake prospects southeast of Wilgena Homestead. At South Lake, cassiterite and associated anomalous Mo, Cu and Zn occur in quartz vein sets up to one metre wide, which crosscut the foliation in the Archaean Kenella Gneiss. At Warna Rockhole, quartz-veined Hiltaba Suite granite contains erratic tin values up to 3,200 ppm implying Au- and Sn-bearing hydrothermal fluids were synchronous with Hiltaba Suite plutonism (Daly in Flint, 1993).

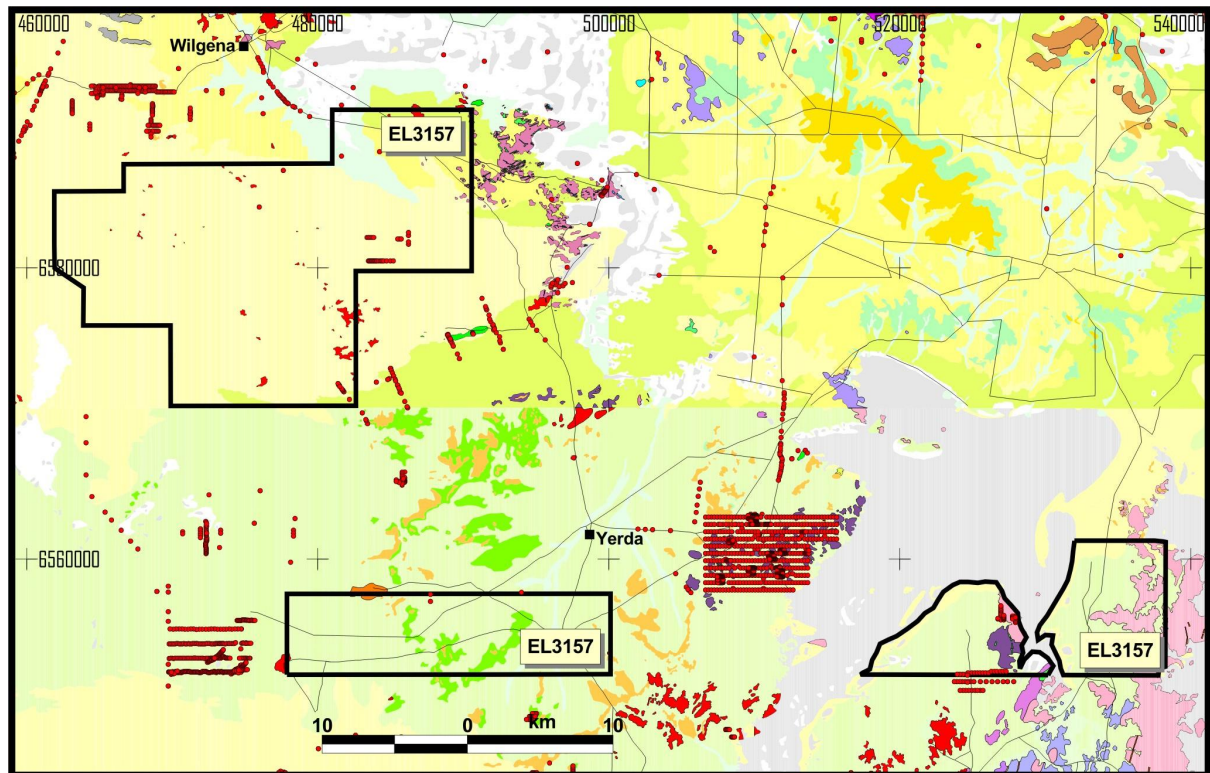


Figure 4: Outcrop geology and exploration drillholes for EL 3157 (Yerda Well) (from Blissett, 1980; 1985; Daly, 1985; Cowley and Martin, 1991).

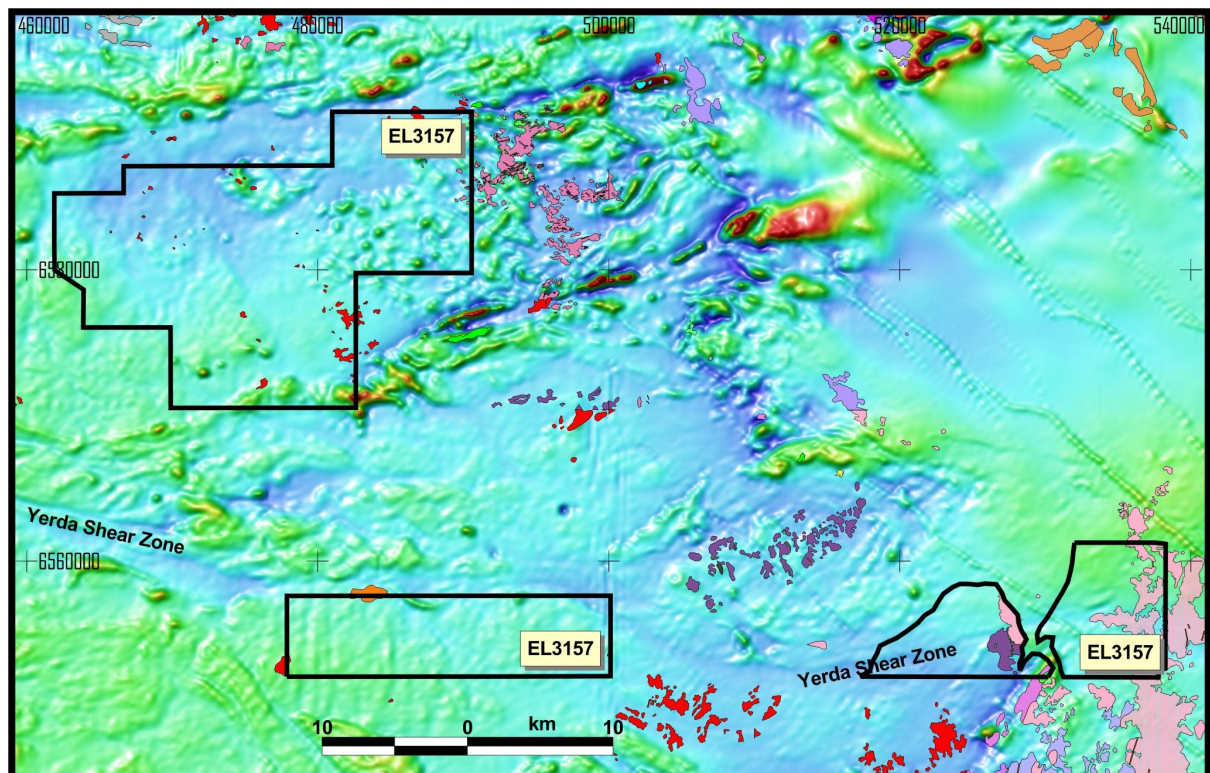


Figure 5: TMI drape and 1VD-TMIRTP for the central Gawler Craton (PIRSA data).

4.0 MINERAL PROSPECTIVITY

EL 3157 (Yerda Well) lies within a region recognised as offering potential to host gold mineralisation. Historical mines at Tarcoola and Glenloth have produced significant quantities of gold and the Tunkillia Prospect on the Yarlbirinda Shear Zone contains a significant undeveloped gold resource. Gold mineralisation is interpreted to be linked to hydrothermal fluids emanating from Hiltaba Suite granitoids with gold and associated pyrite generally occurring within steeply-dipping quartz veins in an alteration zone comprising sericite and chlorite. Surrounding host rocks range from Archaean gneisses to Palaeoproterozoic granitic gneisses to Palaeoproterozoic sediments, indicating mineralisation is strongly influenced by proximity to Hiltaba Suite plutons and major structures as conduits for hydrothermal solutions.

EL 3157 is located close to the E-trending Yerda and Oolabinnia Shear Zones and their intersection with the N-trending Yarlbirinda Shear Zone (Figure 3). All three structures are regionally significant, Palaeoproterozoic shear zones of ductile deformation that were reactivated during the ~1590 Ma episode of felsic volcanism and plutonism.

The *central* and *eastern subareas* of the Yerda Well tenement lie along the eastern extension of the Yerda Shear Zone and, until recently, their favourable structural setting has not been fully appreciated. In particular, within the *eastern subarea* near Lake Harris, the interpreted shear zone is only ~15-20 m below the surface and has not been previously specifically examined. The *central subarea* is situated immediately below a regional flexure in the E–W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbirinda Shear Zone.

The northern subarea contains several NW-trending brittle faults that were probably active during Hiltaba Suite plutonism and may have been conduits for hydrothermal solutions. A regionally significant area of elevated copper values in calcrete within the northern subarea may coincide with an interpreted NW-trending fault.

5.0 PREVIOUS MINERAL EXPLORATION

5.1 Eastern subarea

In the eastern subarea near Kokatha Homestead, rhyolitic and rhyodacitic units of the Gawler Range Volcanic rocks are exposed. Tarcoola Gold Ltd drilled 18 holes (GLE 1-18) in 1987 along the tenement boundary targeting gold mineralisation. Below 10–20 m thick cover, granite intersections contained no anomalous gold. Samples were only assayed for As, Au, Mo, Sb and W. Goldstream Mining NL drilled 24 holes (98KE series) in 1998 on exposed Gawler Range Volcanics to depths of 25–30 m. Anomalous Pb was obtained within rhyolite in several drillholes: 10 m interval >0.1% Pb in Hole 98KE8; 15 m wide zone >600 ppm Pb in Hole 98KE10. The maximum Pb assay obtained was 2,050 ppm (98KE8, 5-10 m). Mineralisation is at depths less than 20 m below ground level.

A small calcrete sampling program was undertaken predominantly in the *eastern subarea*, with calcrete samples analysed for Au, Ag, Ca, Cu, Ni, Pb, U and Zn. Gold values range from 0.5 to 9 ppb (average 3 ppb), Cu from 8–48 ppm (average 17 ppm), and U from 0.18–1.1 ppm (average 0.36 ppm). There is no significant gravity anomaly associated with the zone of anomalous Au samples in the *eastern subarea*, therefore the potential for IOCG systems is considered to be low. These samples occur in an area of transported cover and their effectiveness to represent basement geochemistry is considered to be poor. No other significant geochemical anomalies are evident.

As part of the Chitanilga Hill survey, Minotaur undertook a gravity survey which collected data from 1 x 2 km spaced stations over EL 3157 in 2004. No significant gravity anomalies have been delineated in the *eastern subarea*.

EL 3157 was reviewed for potential Tertiary palaeochannels: thermal (NOAA) and radiometric data were analysed. Possible tributary palaeochannels are interpreted to transgress the *eastern subarea* with only the western channel showing connectivity to a larger system to the south of the tenement. The interpreted palaeochannels do not have any associated radiometric anomalism. High uranium values displayed in radiometric imagery are associated with exposed Hiltaba Suite granite, an intrusive suite known to contain elevated levels of uranium.

Three rock samples (YS1-3) were collected from the *eastern subarea* of EL 3157 during the previous reporting period. Samples were of epithermal, coarse-grained, white quartz and were all collected at 527216mE and 6555404mN (GDA94) immediately above the interpreted eastern extension of the Yerda Shear Zone. One sample contained distinctly elevated gold at 0.25 ppm Au.

5.2 Central subarea

The *central subarea* is situated immediately below a regional flexure in the E–W trending Yerda Shear Zone and just to the north of a major deviation in the trend of the Yarlbirinda Shear Zone.

Five drillholes by CSR Minerals Exploration in 1987 (TUN34–TUN38) intersected gneiss below ~15 m of cover sediments, but were only drilled to a maximum depth of 38 m (Figure 4). Drillhole TSI1 by MIM Exploration in 1996 also intersected gneiss and granite, but with no significant anomalous Au, Cu, Pb and Zn. Gneiss and granite intersections are interpreted to be either part of the Palaeoproterozoic Tunkillia Suite or of Archaean age.

A calcrete geochemical survey by Goldstream Mining in 1997 encroaches on the southeast portion of the *central subarea*. Gold values were predominantly 1–4 ppb with a maximum value of 6 ppb Au within the subarea. In 1995–1997 MIM undertook calcrete sampling over the entire *central subarea* on a 400 x 400 m grid. Gold values were predominantly below detection (<1 ppb Au) with rare isolated samples up to 9 ppb Au. Copper values were similarly low with a maximum of 38 ppm Cu reported.

A palaeochannel and associated tributaries have been interpreted from NOAA thermal and radiometric data analysis to transgress the *northern* and *central subareas*.

In July–August 2006, an airborne EM survey was undertaken by Toro Energy over portions of EL 3157 as part of a much larger regional survey of the central Gawler Craton. The survey flight lines covered a small portion of the *northern* and *central subareas*. The aim of the survey was to accurately define the lateral and vertical extents of Tertiary palaeochannels and assist exploration for sedimentary uranium mineralisation. Minotaur Exploration also

processed and interpreted the AEM data to assist identification of late-time basement conductors. No basement conductors were identified within the boundaries of EL 3157.

An infill gravity survey was undertaken by Haines in October 2005 over a low amplitude regional gravity anomaly identified in the *central subarea*. Data were collected at 99 gravity stations (400 x 400 m spacing) to increase the resolution of gravity data and to determine whether an anomaly identified in regional gravity data was directly associated with a magnetic response. The 1VD image of the detailed infill gravity data revealed a residual gravity response which coincides with a curvilinear magnetic feature, suggesting a magnetic dense source for the magnetic and gravity anomalies. 3D modeling and 2D modeling indicated a depth to source of 200 m and 50 m respectively with an SG of 3.1 g/cc, indicative of either magnetite-hosted, IOCG alteration or a magnetite-rich formation.

In the previous reporting period, seven aircore holes were drilled on a N–S line across the coincident gravity and magnetic anomalies commencing at the south with YS06A01 and concluding with YS06A06 in the north. Plutonic rocks were intersected and no geochemically anomalous results were returned for metals of interest, i.e., Au, Ag, Cu, Ni, Pb and Zn. The nature of lithologies causing coincident gravity and magnetic anomalies was not adequately explained, however, the lack of any anomalous geochemistry indicates that the geophysical features do not reflect an IOCG-mineralised system.

5.3 Northern subarea

Much of the *northern subarea* has been sampled for calcrete geochemistry (Cu, Au). Programmes by Aurelius Resources and MIM Exploration 1995–1998 generally returned low values. Maximum gold values of 11 ppb (#550706, 550799) were reported. However, copper values are elevated in the northeast portion of this subarea with a peak value of 107 ppb (#561381) although existing coverage is incomplete.

Previous drilling within this subarea focused on the northeast portion closest to the transcontinental railway line, with a total of 49 drillholes drilled principally by Afmeco, Tarcoola Gold and Pima Mining (Figure 4). No anomalous gold or base metal values were

obtained from a variety of basement lithologies, including ?Archaean gneiss and Mesoproterozoic granite. Elevated Ba (<1000 ppm), Ce (<300 ppm) and La (<150 ppm) occur within granite south of Wilgena. Anomalous Ni and Cr were obtained in several drillholes by PIRSA in the southeast portion of the subarea with maximum values of 2,100 ppm Cr (TAR36, 4–10 m) and 1,600 ppm Ni (TAR35, 18–24 m) presumably from Archaean komatiite.

In August 2005 Haines Surveys Pty Ltd acquired gravity stations at 1 km spacing along N–S lines to infill between existing 2 km spaced lines with 1 km spaced stations in the *northern subarea* of EL 3157 (Yerda Well). No significant gravity anomalies were delineated, though in the northern region of the subarea there are several very low amplitude 1VD gravity anomalies.

NOAA thermal and radiometric data have been analysed, with a palaeochannel and associated tributaries interpreted to transgress the northern and central subareas.

In July-August 2006, an airborne EM survey was undertaken by Toro Energy over portion EL 3157 as part of a much larger regional survey of the central Gawler Craton (detailed in Section 5.2). The survey flight lines cover a small portion of the *northern* and *central subareas*.

6.0 EXPLORATION UNDERTAKEN IN THE CURRENT REPORTING PERIOD

The previous annual report (Flint and Murray, 2007) described the collection of three samples of epithermal quartz from the *eastern subarea* of EL 3157, including Sample YS-1 (0.25 ppm Au). This elevated gold result prompted follow-up sampling undertaken in the current reporting period.

Forty-six (46) rock, soil and surface lag samples were collected over a poorly-exposed E–W trending fault zone interpreted to represent an eastern continuation of the Yerda Shear Zone (Figure 6) (Appendix A).

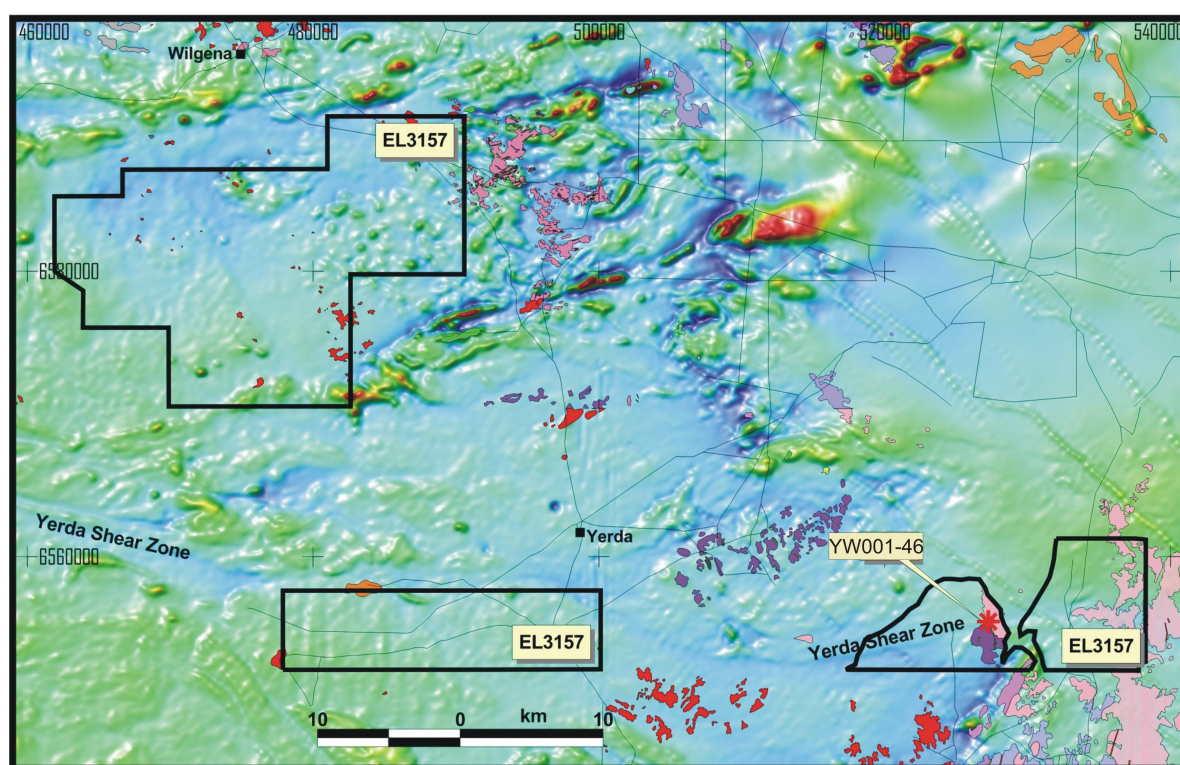


Figure 6: Sampling locations YW001-YW046 on EL 3157 eastern subarea draped over outcrop geology and TMI-RTP imagery.

Further west, the Yerda Shear Zone is interpreted to be predominantly ductile (Palaeoproterozoic). In the sampled area, this structure cuts the Gawler Range Volcanics and is characterised by brittle features of Mesoproterozoic age including fault breccias, silicification and abundant vuggy quartz veins (Figures 7–8). Interpreted re-activation of the shear zone synchronous with volcanism and plutonism (Gawler Range Volcanics and Hiltaba

Suite) potentially generated a zone of enhanced fluid flow and concentration of gold-rich fluids, which this extensive sampling programme aimed to test.

No anomalous gold was detected in the re-sampling of the fault zone. Laboratory contamination is therefore suspected to be responsible for the elevated gold result (0.25 ppm Au) reported previously.



Figure 7: View East directly along the E-W trending Yerda Shear Zone with abundant fault breccia and white quartz lag (foreground) and exposures of rhyolitic Gawler Range Volcanics on low ridges either side of the shear zone (middle distance).



Figure 8: Exposure of a fault breccia containing zones of red-brown silicification and white, late-stage vuggy quartz veins within the Yerda Shear Zone.

7.0 EXPENDITURE

Total expenditure for activities on EL 3157 (Yerda Well) for the year ending 19th January 2008 was \$22,420.46 with details outlined below (Table 1).

Applications & Rentals	\$ 2,294.97
Assays	\$ 2,641.79
Communications	\$ 89.00
Computer Rental	\$ 1,345.86
Consultant - Geology	\$ 509.07
Consultant - Geophysics	\$ 122.61
Contract Surveyors	\$ 35.00
Fees	\$ 156.00
Field Expenses	\$ 290.30
Hire of Equipment	\$ 206.98
Maps / Data / Drafting	\$ 126.94
Motor Vehicle Rental	\$ 120.00
Motor Vehicle Repairs/ Maintenance	\$ 120.00
Salaries	\$ 11,108.34
Travel – Fares / Parking	\$ 278.77
Warehousing	\$ 936.61
Admin 10%	\$ 2,038.22
TOTAL	\$ 22,420.46

Table 1: Summary of exploration expenditure on EL 3157 for the year ending 19th January, 2008.

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9.0 APPENDICES

APPENDIX A

Sample locations and geochemistry for surface samples (rock, lag, soil and stream sediments)

Digital file EL3157_2008_A_02_SurfaceGeochemistry.txt

H1000	IDENT	GDA94_E	GDA94_N	Au	Sample_Type	Sample_Fraction	Sample_description
H1001	UNITS	metres	metres	ppm			
H1002	SCHEME			Au-OG43			
H1003	DETECTION LIMIT			0.01			
D	YW001	527217	6555390	0.01	RO	Whole	Quartz vein (epithermal) suboutcrop
D	YW002	527220	6555395	0.01	RO	Whole	Quartz vein (epithermal) suboutcrop
D	YW003	527219	6555398	0.01	RO	Whole	Quartz vein breccia (epithermal) suboutcrop
D	YW004	527221	6555407	0.01	RO	Whole	Quartz vein (epithermal) suboutcrop
D	YW005	527223	6555414	<0.01	RO	Whole	Quartz vein (epithermal), minor boxworks suboutcrop & float
D	YW006	527223	6555420	<0.01	RO	Whole	Quartz vein (epithermal), minor boxworks suboutcrop & float
							Quartz vein breccia (epithermal), minor boxworks & voids after
D	YW007	527220	6555425	<0.01	RO	Whole	acicular weathered out zeolite? suboutcrop & float
D	YW008	527221	6555432	<0.01	RO	Whole	Quartz vein (epithermal) suboutcrop & float
D	YW009	527223	6555442	<0.01	RO	Whole	Quartz vein (epithermal) float
D	YW010	527255	6555203	<0.01	LAG	+4mm	Feldspar & quartz gravel (granite derived)
D	YW011	527255	6555203	<0.01	SOIL	-4mm	Soil
D	YW012	527256	6555258	<0.01	LAG	+4mm	Granitic feldspar & quartz gravel
D	YW013	527256	6555258	<0.01	SOIL	-4mm	Soil
D	YW014	527261	6555307	<0.01	LAG	+4mm	Granitic feldspar & quartz gravel, minor epithermal quartz
D	YW015	527261	6555307	<0.01	SOIL	-4mm	Soil
D	YW016	527232	6555374	<0.01	LAG	+4mm	Epithermal quartz vein gravel
D	YW017	527232	6555374	<0.01	SOIL	-4mm	Soil
D	YW018	527230	6555420	<0.01	LAG	+4mm	Epithermal quartz vein gravel
D	YW019	527230	6555420	<0.01	SOIL	-4mm	Soil
D	YW020	527232	6555474	<0.01	LAG	+4mm	Lithic gravel derived from Gawler Range Volcanics. Minor quartz
D	YW021	527232	6555474	<0.01	SOIL	-4mm	Soil
D	YW022	527232	6555518	<0.01	LAG	+4mm	Gawler Range Volcanics lithic gravel. Minor quartz
D	YW023	527232	6555518	<0.01	SOIL	-4mm	Soil
D	YW024	527232	6555563	<0.01	LAG	+4mm	Gawler Range Volcanics lithic gravel. 2% quartz gravel
D	YW025	527232	6555563	<0.01	SOIL	-4mm	Soil
D	YW026	527232	6555627	<0.01	LAG	+4mm	Gawler Range Volcanics lithic gravel. Transported component due to small flood plain
D	YW027	527232	6555627	<0.01	SOIL	-4mm	Soil
D	YW028	527248	6555700	<0.01	LAG	+4mm	Gawler Range Volcanics lithic gravel
D	YW029	527248	6555700	<0.01	SOIL	-4mm	Soil
D	YW030	527251	6555738	<0.01	LAG	+4mm	Gawler Range Volcanics lithic gravel
D	YW031	527251	6555738	<0.01	SOIL	-4mm	Soil
D	YW032	527302	6555425	<0.01	SSC	+4mm	Granitic gravel. Minor quartz
D	YW033	527302	6555425	0.01	SSM	-4mm +1mm	Coarse sand
D	YW034	527302	6555425	<0.01	SSF	-1mm	Fine sand
D	YW035	527350	6555439	<0.01	SSC	+4mm	Granitic and quartz gravel
D	YW036	527350	6555439	<0.01	SSM	-4mm +1mm	Coarse sand
D	YW037	527350	6555439	<0.01	SSF	-1mm	Fine sand
D	YW038	527350	6555439	<0.01	RO	Whole	Quartz breccia in creek bank
D	YW039	527396	6555472	<0.01	SSC	+4mm	Quartz & granite gravel
D	YW040	527396	6555472	<0.01	SSM	-4mm +1mm	Coarse sand
D	YW041	527396	6555472	<0.01	SSF	-1mm	Fine sand
D	YW042	527396	6555472	<0.01	RO	Whole	Gawler Range Volcanics outcrop in creek bank
D	YW043	527036	6555367	<0.01	RO	Whole	Quartz from rabbit warren spoil
D	YW044	527675	6555560	<0.01	RO	Whole	Quartz breccia & Gawler Range Volcanics from rabbit warren spoil
D	YW045	527760	6555564	<0.01	RO	Whole	Quartz vein outcrop
D	YW046	527809	6555586	<0.01	RO	Whole	Gawler Range Volcanics, heavily quartz-veined outcrop
EOF							

MINOTAUR OPERATIONS PTY LTD

247 Greenhill Road, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8 8366 6001
Website www.minotaurresources.com.au
Email admin@minotaurexploration.com.au
A.C.N. 108 925 284



24 March 2009

Executive Director
PIRSA - Mineral Resources
GPO Box 1671
ADELAIDE, SA 5001

Dear George,

RE: Annual Technical Report for EL 3157 – Yerda Well

I refer to the Annual Technical Report for Exploration Licence 3157 – Yerda Well for the year ending the 19th January, 2009 (Year 5 of the licence term).

No new technical work or field exploration activities were conducted by either Minotaur Exploration or Toro Energy on this tenement during the reporting period; hence this letter represents the Final Annual Technical Report for 3157 – Yerda Well.

Should you require any further information please contact me on 8366 6000.

Yours sincerely

Phil Cronin
Tenement Administrator
Minotaur Operations Pty Ltd

MINOTAUR OPERATIONS PTY LTD

247 Greenhill Road, Dulwich 5065, South Australia
Tel: +61 8 8366 6000 Fax: +61 8 8366 6001
Website www.minotaurresources.com.au
Email admin@minotaurexploration.com.au
A.C.N. 108 925 284



23 March, 2009

Executive Director
PIRSA - Mineral Resources
GPO Box 1671
ADELAIDE, SA 5001

Dear George,

RE: Relinquishment Report for EL 3157 – Yerda Well

I refer to the Relinquishment Report for Exploration Licence 3157 for the year ending 19th January, 2009 (Year 5 of the licence term).

No new technical work or field exploration activities were conducted by either Minotaur Exploration or Toro Energy on this tenement for the reporting period; hence this letter represents the Final Relinquishment Report for Exploration Licence 3157 (Yerda Well).

A subsequent exploration licence over the area covered by Exploration Licence 3157 has not been pursued.

Should you require any further information please contact me directly on 8366 6023.

Yours sincerely

Phil Cronin
Tenement Administrator
Minotaur Operations Pty Ltd

cc Toro Energy Limited