**LAMPIRAN:**

**Lampiran 1: Skala**

***Academic Capital***

**Nama :**

**Fakultas :**

**Usia :**

**Asal daerah : jawa/ luar jawa**

**Asal sekolah :SMA/MA/SMK**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **No** |  | *SS* | *S* | *N* | *TS* | *STS* |
| 1 | Jika melihat seseorang yang ingin saya temui, saya memilih menghampiri orang tersebut dari pada menunggu dia datang |  |  |  |  |  |
| 2 | Sulit bagi saya untuk mendapatkan teman baru |  |  |  |  |  |
| 3 | Mampu mendapatkan teman baru dari kemampuan saya dalam menjalin komunikasi |  |  |  |  |  |
| 4 | Dapat mengontrol diri dengan baik dalam pergaulan sosial. |  |  |  |  |  |
| 5 | Saya menghindari berbagai kesulitan |  |  |  |  |  |
| 6 | Mencoba mempelajari sesuatu yang baru, dan akan segera menyerah jika pada awalnya kelihatan tidak berhasil |  |  |  |  |  |
| 7 | Jika terjadi permasalahan yang tidak terduga, saya kurang dapat menyikapinya dengan baik. |  |  |  |  |  |
| 8 | Menghindari mencoba mempelajari hal-hal yang baru, ketika hal tersebut terlihat sulit untuk saya |  |  |  |  |  |
| 9 | Jika di awal pekerjaan terasa sulit bagi saya, maka akan tetap mencoba sampai bisa. |  |  |  |  |  |
| 10 | Menyerah dalam berbagai hal sebelum menyelesaikannya. |  |  |  |  |  |
| 11 | Kegagalan membuat saya berusaha lebih keras |  |  |  |  |  |
| 12 | Selalu ada yang menegur saya ketika berbuat kesalahan |  |  |  |  |  |
| 13 | Teman teman selalu mendukung apa yang saya lakukan |  |  |  |  |  |
| 14 | Mendapatkan perlakuan baik oleh siapapun dan dimanapun |  |  |  |  |  |
| 15 | Sering menghadapi permasalahan sendiri karena jarang ada yang mau membantu |  |  |  |  |  |
| 16 | Saya adalah orang yang tidak mudah putus asa |  |  |  |  |  |
| 17 | Selalu berfikir sebelum berbicara |  |  |  |  |  |
| 18 | Memiliki perencanaan yang matang dalam hidup |  |  |  |  |  |
| 19 | Tekun dalam melaksanakan tugas kuliah |  |  |  |  |  |
| 20 | Prestasi akademik dan non akademik saya selalu memuaskan |  |  |  |  |  |
| 21 | Tidak memiliki target dengan indeks prestasi yang bagus |  |  |  |  |  |
| 22 | Putus asa dalam mengikuti kegiatan perkuliahan |  |  |  |  |  |
| 23 | Banyak menghadapi konflik yang belum terselesai kan |  |  |  |  |  |
| 24 | Terpaksa mengikuti perkuliahan yang sebenarnya kurang disukai |  |  |  |  |  |
| 25 | Mampu mengikuti perubahan pola belajar diperguruan tinggi |  |  |  |  |  |
| 26 | Selalu memaksakan diri untu menyelesaikan tugas kuliah |  |  |  |  |  |
| 27 | Jika mengalami kesulitan yang berkepanjangan saya mudah jatuh sakit |  |  |  |  |  |
| 28 | Mampu menyembunyikan kekesalan saya meskipun stres menghadapi tugas kuliah yang menumpuk |  |  |  |  |  |
| 29 | Mampu menahan emosi setiap menghadapi permasahan akademik |  |  |  |  |  |
| 30 | Agresif dan sulit menahan amarah |  |  |  |  |  |
| 31 | Sulit untuk berfikir dan mengikuti perkuliahan ketika banyak menghadapi permasalahan |  |  |  |  |  |
| 32 | Lebih suka menyendiri daripada bergaul dengan teman di kampus |  |  |  |  |  |
| 33 | Pernah beberapa kali terlibat tawuran antar mahasiswa |  |  |  |  |  |
| 34 | Pernah dikeluarkan dari kelas karena membuat gaduh di kelas |  |  |  |  |  |
| 35 | Kesulitan dalam mengutarakan pendapat pada saat kerja kelompok |  |  |  |  |  |
| 36 | Saran dan kritik dari orang lain merupakan dorongan bagi saya untuk terus belajar |  |  |  |  |  |
| 37 | Merasa iri dengan orang lain karena kekurangan yang saya miliki |  |  |  |  |  |
| 38 | Membalas setiap perbuatan baik yang diberikan teman terhadap saya |  |  |  |  |  |
| 39 | Malas dan bosan ketika hendak berangkat kekampus |  |  |  |  |  |
| 40 | Memperbaiki diri jika mendapatkan nilai yang kurang bagus |  |  |  |  |  |
| 41 | Selalu mengumpulkan tugas tepat waktu |  |  |  |  |  |
| 42 | Pandai mengatur waktu antara mengerjakan tugas dan berkumpul dengan teman |  |  |  |  |  |
| 43 | Merasa dikejar kejar waktu apabila belum mengumpulkan tugas secara tepat waktu |  |  |  |  |  |
| 44 | Tugas kuliah yang banyak membuat saya malas untuk memulai mengerjakan |  |  |  |  |  |
| 45 | Ide akan muncul jika mendekati batas waktu pengumpulan tugas |  |  |  |  |  |
| 46 | Mengikuti kegiatan yang menyenangkan membuat saya lupa tugas kuliah |  |  |  |  |  |
| 47 | Merasa cemas apabila belum mengerjakan tugas |  |  |  |  |  |
| 48 | Memiliki kemampuan yang baik sehingga tepat waktu dalam menyelesaikan tugas |  |  |  |  |  |
| 49 | Takut salah dalam mengerjakan tugas sehingga enggan mengerjakan tugas |  |  |  |  |  |
| 50 | Saya mempercayakan setiap informasi yang dapat diandalkan adalah dari keluarga |  |  |  |  |  |
| 51 | Lebih mempercayakan pengetahuan dari luar daripada informasi dari keluarga |  |  |  |  |  |
| 52 | Keluarga adalah sumber informasi yang pertama |  |  |  |  |  |
| 53 | Keluarga adalah orang yang paling peduli dengan kehidupan saya |  |  |  |  |  |
| 54 | Keluarga sangat membatasi setiap kegiatan yang saya lakukan |  |  |  |  |  |
| 55 | Kegiatan yang saya lakukan mendapatkan dukungan penuh dari keluarga |  |  |  |  |  |
| 56 | Keluarga menganggap saya sebagai pribadi yang kurang mandiri dan bertanggung jawab |  |  |  |  |  |
| 57 | Keluarga memberikan kebebasan dengan aktivitas yang saya lakukan di kampus |  |  |  |  |  |
| 58 | Keluarga selalu memberikan feedback setiap yang saya lakukan |  |  |  |  |  |
| 59 | Keluarga menutup semua akses inforrmasi yang saya butuhkan untuk kegiatan kampus |  |  |  |  |  |
| 60 | Kepercayaan saya kepada teman melebihi kepercayaan saya kepada orang tua |  |  |  |  |  |
| 61 | Sekali dikhianati teman selamanya saya tidak akan mempercayainya lagi |  |  |  |  |  |
| 62 | Tanggap dengan permasalahan yang dialami teman |  |  |  |  |  |
| 63 | Mengabaikan kesulitan yang sedang dialami teman |  |  |  |  |  |
| 64 | Merasa kurang nyaman jika ada teman yang memberikan dukungan terhadap kegiatan yang sedang saya lakukan |  |  |  |  |  |
| 65 | Mendukung setiap kegiatan yang dilakukan teman |  |  |  |  |  |
| 66 | Menolak setiap kritik yang diberikan teman kepada saya |  |  |  |  |  |
| 67 | Senang mendapatkan feedback dari teman demi perubahan yang lebih baik |  |  |  |  |  |
| 68 | Selalu berbagi informasi yang bermanfaat dengan teman |  |  |  |  |  |
| 69 | Mengabaikan setiap informasi yang diberikan karena dirasa kurang ilmiah |  |  |  |  |  |

**Lampiran 2: Item Dimensionality**

Table of STANDARDIZED RESIDUAL variance (in Eigenvalue units)

-- Empirical -- Modeled TABLE 23.0 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU173WS.TXTr Oct 15 20:40 2019

INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73

--------------------------------------------------------------------------------

Total raw variance in observations = 86.7 100.0% 100.0%

Raw variance explained by measures = 17.7 20.4% 20.9%

Raw variance explained by persons = 1.9 2.1% 2.2% Raw Variance explained by items = 15.8 18.3% 18.7%

Raw unexplained variance (total) = 69.0 79.6% 100.0% 79.1%

Unexplned variance in 1st contrast = 10.9 12.6% 15.8%

Unexplned variance in 2nd contrast = 6.6 7.6% 9.6%

Unexplned variance in 3rd contrast = 3.8 4.3% 5.4%

Unexplned variance in 4th contrast = 2.1 2.5% 3.1%

Unexplned variance in 5th contrast = 2.1 2.5% 3.1%

STANDARDZED RESIDUAL VARIANCE SCREE PLOT

VARIANCE COMPONENT SCREE PLOT

+--+--+--+--+--+--+--+--+--+--+--+

100%+ T +

| U |

V 63%+ +

A | |

R 40%+ +

I | |

A 25%+ +

N | M |

C 16%+ I +

E | |

10%+ 1 +

L | |

O 6%+ 2 +

G | |

| 4%+ 3 +

S | |

C 3%+ +

A | P 4 5 |

L 2%+ +

E | |

D 1%+ +

| |

0.5%+ +

+--+--+--+--+--+--+--+--+--+--+--+

TV MV PV IV UV U1 U2 U3 U4 U5

VARIANCE COMPONENTS

**LAMPIRAN 3 : Summary Statistics**

TABLE 3.1 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU146WS.TXTn Oct 5 7:30 2019

INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73

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SUMMARY OF 415 MEASURED Person

-------------------------------------------------------------------------------

| TOTAL MODEL INFIT OUTFIT |

| SCORE COUNT MEASURE ERROR MNSQ ZSTD MNSQ ZSTD |

|-----------------------------------------------------------------------------|

| MEAN 227.8 69.0 .23 .12 1.01 -.3 1.01 -.4 |

| S.D. 20.9 .1 .28 .00 .47 3.0 .48 3.0 |

| MAX. 275.0 69.0 .94 .14 3.08 9.0 2.91 9.1 |

| MIN. 137.0 68.0 -1.01 .11 .18 -9.1 .20 -8.7 |

|-----------------------------------------------------------------------------|

| REAL RMSE .13 TRUE SD .25 SEPARATION 1.95 Person RELIABILITY .79 |

|MODEL RMSE .12 TRUE SD .26 SEPARATION 2.18 Person RELIABILITY .83 |

| S.E. OF Person MEAN = .01 |

-------------------------------------------------------------------------------

Person RAW SCORE-TO-MEASURE CORRELATION = 1.00

CRONBACH ALPHA (KR-20) Person RAW SCORE "TEST" RELIABILITY = .83

SUMMARY OF 69 MEASURED Item

-------------------------------------------------------------------------------

| TOTAL MODEL INFIT OUTFIT |

| SCORE COUNT MEASURE ERROR MNSQ ZSTD MNSQ ZSTD |

|-----------------------------------------------------------------------------|

| MEAN 1369.8 414.9 .00 .05 1.00 -.8 1.01 -.6 |

| S.D. 179.1 .3 .39 .00 .38 4.5 .40 4.6 |

| MAX. 1643.0 415.0 .98 .05 2.95 9.9 3.06 9.9 |

| MIN. 916.0 414.0 -.66 .05 .54 -8.8 .54 -8.8 |

|-----------------------------------------------------------------------------|

| REAL RMSE .05 TRUE SD .39 SEPARATION 7.65 Item RELIABILITY .98 |

|MODEL RMSE .05 TRUE SD .39 SEPARATION 8.09 Item RELIABILITY .98 |

| S.E. OF Item MEAN = .05 |

-------------------------------------------------------------------------------

UMEAN=.0000 USCALE=1.0000

Item RAW SCORE-TO-MEASURE CORRELATION = -1.00

28626 DATA POINTS. LOG-LIKELIHOOD CHI-SQUARE: 80040.98 with 28140 d.f. p=.0000

Global Root-Mean-Square Residual (excluding extreme scores): 1.0332

**LAMPIRAN 4 : item measure**

**TABLE 13.1 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU173WS.TXTr Oct 15 20:40 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**Person: REAL SEP.: 1.95 REL.: .79 ... Item: REAL SEP.: 7.65 REL.: .98**

**Item STATISTICS: MEASURE ORDER**

**-------------------------------------------------------------------------------------------**

**|ENTRY TOTAL TOTAL MODEL| INFIT | OUTFIT |PT-MEASURE |EXACT MATCH| |**

**|NUMBER SCORE COUNT MEASURE S.E. |MNSQ ZSTD|MNSQ ZSTD|CORR. EXP.| OBS% EXP%| Item |**

**|------------------------------------+----------+----------+-----------+-----------+------|**

**| 47 916 415 .98 .05| .98 -.3|1.02 .3| .07 .25| 41.4 34.7| A47 |**

**| 28 980 415 .83 .05| .93 -1.2| .94 -.9| .04 .26| 36.9 33.3| A28 |**

**| 21 984 415 .83 .05|1.20 3.2|1.31 4.7| -.39 .27| 34.9 33.2| A21 |**

**| 29 1002 415 .79 .05| .92 -1.5| .92 -1.3| .04 .27| 35.7 32.8| A29 |**

**| 24 1032 414 .71 .05|1.12 2.0|1.16 2.6| -.18 .27| 31.9 32.1| A24 |**

**| 48 1051 415 .68 .05| .78 -4.2| .78 -4.0| -.07 .27| 35.4 32.0| A48 |**

**| 34 1056 415 .67 .05|2.29 9.9|2.45 9.9| -.14 .28| 14.0 31.9| A34 |**

**| 22 1071 415 .64 .05|1.29 4.7|1.38 6.1| -.37 .28| 28.7 31.7| A22 |**

**| 25 1088 414 .60 .05| .71 -5.7| .71 -5.8| .23 .28| 39.6 31.5| A25 |**

**| 33 1143 415 .49 .05|2.95 9.9|3.06 9.9| -.17 .28| 5.1 31.3| A33 |**

**| 23 1148 415 .48 .05|1.07 1.3|1.09 1.7| -.19 .28| 29.9 31.3| A23 |**

**| 30 1162 414 .44 .05|1.18 3.1|1.21 3.6| -.12 .29| 29.7 31.3| A30 |**

**| 27 1178 415 .42 .05|1.25 4.2|1.27 4.4| -.03 .29| 23.4 31.3| A27 |**

**| 5 1189 415 .39 .05| .82 -3.4| .83 -3.2| .09 .29| 39.5 31.2| A5 |**

**| 42 1249 415 .27 .05|1.09 1.6|1.11 1.8| .04 .29| 33.3 31.1| A42 |**

**| 26 1266 415 .24 .05|1.14 2.4|1.16 2.7| .08 .29| 29.9 31.0| A26 |**

**| 40 1269 415 .23 .05|1.19 3.1|1.20 3.4| .22 .29| 21.7 31.0| A40 |**

**| 61 1282 415 .20 .05|1.00 .0|1.01 .2| .28 .29| 34.2 31.2| A61 |**

**| 49 1290 415 .19 .05|1.18 3.0|1.20 3.3| .00 .29| 27.7 31.2| A49 |**

**| 15 1300 415 .16 .05| .79 -3.9| .80 -3.8| .27 .29| 35.7 31.4| A15 |**

**| 20 1299 414 .16 .05| .64 -7.2| .66 -6.6| .23 .29| 52.2 31.4| A20 |**

**| 35 1312 415 .14 .05|1.30 4.8|1.32 5.0| .15 .29| 23.9 31.4| A35 |**

**| 41 1314 414 .13 .05|1.06 1.0|1.08 1.4| .14 .29| 28.0 31.5| A41 |**

**| 46 1337 414 .08 .05|1.09 1.5|1.11 1.8| .22 .29| 26.3 31.9| A46 |**

**| 44 1338 414 .08 .05| .91 -1.6| .92 -1.3| .29 .29| 32.6 32.0| A44 |**

**| 7 1349 415 .06 .05| .72 -5.3| .73 -5.1| .30 .29| 37.6 32.2| A7 |**

**| 31 1346 414 .06 .05| .91 -1.6| .92 -1.4| .34 .29| 31.9 32.2| A31 |**

**| 8 1351 415 .06 .05| .89 -2.0| .89 -2.0| .29 .29| 36.6 32.2| A8 |**

**| 45 1361 415 .04 .05|1.21 3.3|1.23 3.6| .29 .29| 23.9 32.4| A45 |**

**| 43 1369 415 .02 .05|1.18 2.9|1.20 3.2| .24 .29| 26.3 32.7| A43 |**

**| 50 1372 415 .01 .05| .60 -7.9| .60 -7.8| .49 .29| 44.1 32.6| A50 |**

**| 32 1387 415 -.02 .05|1.59 8.4|1.60 8.5| .17 .29| 21.0 33.2| A32 |**

**| 19 1402 415 -.05 .05| .64 -6.8| .65 -6.6| .46 .29| 43.4 34.0| A19 |**

**| 51 1406 415 -.06 .05| .62 -7.3| .63 -7.0| .28 .29| 45.3 34.2| A51 |**

**| 6 1415 415 -.08 .05| .83 -2.9| .84 -2.8| .29 .29| 43.9 34.5| A6 |**

**| 14 1433 415 -.12 .05| .59 -7.9| .59 -7.7| .48 .29| 46.7 35.3| A14 |**

**| 37 1442 415 -.14 .05|1.08 1.4|1.10 1.5| .38 .29| 36.1 35.7| A37 |**

**| 2 1447 415 -.15 .05| .95 -.8| .95 -.7| .26 .29| 39.8 35.9| A2 |**

**| 60 1447 415 -.15 .05|1.27 4.0|1.30 4.4| .02 .29| 31.8 35.9| A60 |**

**| 39 1448 415 -.16 .05| .81 -3.3| .82 -3.1| .41 .29| 42.4 35.9| A39 |**

**| 62 1469 415 -.21 .05| .54 -8.8| .54 -8.8| .60 .29| 49.9 36.9| A62 |**

**| 16 1478 415 -.23 .05| .66 -6.1| .66 -6.0| .55 .29| 43.6 37.4| A16 |**

**| 18 1479 415 -.23 .05| .69 -5.4| .69 -5.4| .60 .29| 46.0 37.4| A18 |**

**| 13 1481 415 -.23 .05| .58 -7.8| .58 -7.6| .62 .28| 48.7 37.4| A13 |**

**| 56 1485 415 -.24 .05| .98 -.3| .99 -.1| .39 .28| 42.9 37.6| A56 |**

**| 55 1489 415 -.25 .05|1.19 2.8|1.20 2.9| .51 .28| 37.1 37.9| A55 |**

**| 36 1496 415 -.27 .05| .99 -.2| .97 -.4| .54 .28| 41.4 38.1| A36 |**

**| 65 1497 415 -.27 .05| .66 -6.0| .65 -6.2| .65 .28| 48.7 38.1| A65 |**

**| 3 1500 415 -.28 .05| .70 -5.2| .68 -5.5| .60 .28| 50.4 38.3| A3 |**

**| 54 1500 415 -.28 .05|1.13 2.0|1.14 2.1| .38 .28| 34.9 38.3| A54 |**

**| 9 1503 415 -.29 .05| .67 -5.8| .65 -6.1| .62 .28| 49.9 38.4| A9 |**

**| 53 1503 415 -.29 .05|1.56 7.4|1.54 7.2| .55 .28| 28.4 38.4| A53 |**

**| 57 1507 415 -.30 .05| .96 -.7| .94 -1.0| .58 .28| 36.9 38.6| A57 |**

**| 38 1510 415 -.30 .05|1.02 .3|1.02 .3| .55 .28| 38.6 38.7| A38 |**

**| 58 1517 415 -.32 .05| .92 -1.2| .92 -1.2| .60 .28| 42.4 38.9| A58 |**

**| 52 1520 415 -.33 .05| .98 -.3| .98 -.4| .62 .28| 32.3 39.0| A52 |**

**| 59 1525 415 -.34 .05|1.69 8.8|1.79 9.7| -.14 .28| 27.0 39.2| A59 |**

**| 68 1526 415 -.34 .05| .99 -.2| .96 -.5| .58 .28| 46.5 39.2| A68 |**

**| 12 1529 414 -.36 .05| .73 -4.4| .71 -4.8| .66 .28| 52.2 39.4| A12 |**

**| 4 1541 415 -.38 .05| .78 -3.6| .76 -4.0| .63 .28| 50.4 39.6| A4 |**

**| 1 1542 415 -.38 .05| .94 -.9| .91 -1.3| .64 .28| 38.6 39.6| A1 |**

**| 17 1548 415 -.40 .05| .87 -2.0| .83 -2.6| .62 .28| 40.2 39.7| A17 |**

**| 11 1554 415 -.41 .05| .97 -.4| .94 -.9| .70 .28| 41.9 39.8| A11 |**

**| 64 1571 415 -.46 .05| .63 -6.3| .64 -6.1| .24 .28| 48.9 40.2| A64 |**

**| 69 1572 415 -.46 .05| .77 -3.7| .79 -3.3| .21 .28| 43.9 40.2| A69 |**

**| 67 1577 415 -.47 .05|1.00 .1| .94 -.9| .74 .27| 46.3 40.3| A67 |**

**| 63 1599 415 -.53 .05| .67 -5.4| .68 -5.1| .27 .27| 54.0 40.6| A63 |**

**| 66 1626 415 -.61 .05| .78 -3.4| .78 -3.3| .39 .27| 53.7 41.0| A66 |**

**| 10 1643 415 -.66 .05|1.15 2.0|1.16 2.2| .24 .26| 44.3 41.2| A10 |**

**|------------------------------------+----------+----------+-----------+-----------+------|**

**| MEAN 1369.8 414.9 .00 .05|1.00 -.8|1.01 -.6| | 37.4 35.3| |**

**| S.D. 179.1 .3 .39 .00| .38 4.5| .40 4.6| | 9.7 3.4| |**

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**Lampiran 5: Person STATISTICS: MEASURE ORDER**

**--------------------------------------------------------------------------------------------**

**|ENTRY TOTAL TOTAL MODEL| INFIT | OUTFIT |PT-MEASURE |EXACT MATCH| |**

**|NUMBER SCORE COUNT MEASURE S.E. |MNSQ ZSTD|MNSQ ZSTD|CORR. EXP.| OBS% EXP%| Person|**

**|------------------------------------+----------+----------+-----------+-----------+-------|**

**| 305 275 69 .94 .14|2.77 6.9|2.69 6.6| .31 .35| 7.2 39.8| 8911 |**

**| 329 273 69 .91 .13|1.97 4.4|1.86 3.9| .48 .36| 7.2 39.9| 6021 |**

**| 283 265 69 .77 .13|3.08 8.2|2.88 7.4| .56 .37| .0 39.5| 7911 |**

**| 43 264 69 .75 .13|1.42 2.3|1.39 2.1| .54 .37| 24.6 39.5| 3811 |**

**| 256 262 69 .72 .13|1.29 1.6|1.27 1.5| .40 .37| 29.0 39.6| 2922 |**

**| 101 261 69 .70 .13| .95 -.2| .91 -.5| .53 .37| 42.0 39.5| 5811 |**

**| 211 257 68 .69 .13|1.83 4.1|1.68 3.4| .74 .37| 20.6 39.7| 5921 |**

**| 128 260 69 .69 .13|1.50 2.7|1.42 2.3| .65 .37| 27.5 39.5| 8811 |**

**| 311 260 69 .69 .13|1.74 3.8|1.72 3.6| .39 .37| 29.0 39.5| 0911 |**

**| 293 259 69 .67 .13|1.91 4.5|1.91 4.4| .39 .37| 26.1 39.5| 5911 |**

**| 57 258 69 .65 .13|1.49 2.7|1.42 2.3| .76 .37| 21.7 39.5| 9812 |**

**| 189 258 69 .65 .13|1.77 3.9|1.74 3.7| .59 .37| 10.1 39.5| 3921 |**

**| 249 258 69 .65 .13| .92 -.4| .91 -.5| .70 .37| 42.0 39.5| 4921 |**

**| 310 258 69 .65 .13|1.22 1.3|1.19 1.1| .38 .37| 40.6 39.5| 9911 |**

**| 324 258 69 .65 .13|1.41 2.3|1.29 1.7| .72 .37| 26.1 39.5| 6013 |**

**| 330 258 69 .65 .13|1.34 2.0|1.36 2.0| .13 .37| 40.6 39.5| 7011 |**

**| 291 257 69 .64 .12|1.58 3.1|1.45 2.4| .51 .38| 37.7 39.3| 2911 |**

**| 216 256 69 .62 .12|1.08 .5|1.02 .2| .74 .38| 31.9 39.2| 3921 |**

**| 273 256 69 .62 .12|1.21 1.3|1.19 1.2| .45 .38| 37.7 39.2| 3911 |**

**| 83 255 69 .61 .12|1.59 3.1|1.57 3.0| .45 .38| 29.0 38.9| 0822 |**

**| 106 255 69 .61 .12| .83 -1.0| .85 -.9| .62 .38| 40.6 38.9| 6812 |**

**| 167 255 69 .61 .12| .86 -.9| .82 -1.1| .70 .38| 46.4 38.9| 7923 |**

**| 205 255 69 .61 .12| .83 -1.0| .83 -1.0| .65 .38| 33.3 38.9| 0921 |**

**| 220 255 69 .61 .12|1.17 1.0|1.10 .6| .59 .38| 30.4 38.9| 2922 |**

**| 290 255 69 .61 .12|2.08 5.2|2.15 5.3| .02 .38| 21.7 38.9| 1921 |**

**| 314 255 69 .61 .12|1.11 .7|1.07 .5| .14 .38| 39.1 38.9| 5911 |**

**| 6 254 69 .59 .12|2.10 5.3|2.07 5.1| .24 .38| 14.5 38.9| 3821 |**

**| 69 254 69 .59 .12|1.47 2.6|1.47 2.6| .46 .38| 20.3 38.9| 2821 |**

**| 107 254 69 .59 .12| .65 -2.4| .68 -2.1| .38 .38| 50.7 38.9| 8811 |**

**| 294 254 69 .59 .12|1.13 .8|1.15 .9| .37 .38| 36.2 38.9| 6921 |**

**| 301 254 69 .59 .12| .82 -1.1| .89 -.6| .45 .38| 40.6 38.9| 2911 |**

**| 331 254 69 .59 .12|1.96 4.8|1.89 4.4| .56 .38| 18.8 38.9| 4011 |**

**| 94 253 69 .58 .12|1.28 1.7|1.24 1.4| .58 .38| 23.2 38.7| 1811 |**

**| 96 253 69 .58 .12| .80 -1.3| .73 -1.8| .37 .38| 58.0 38.7| 6821 |**

**| 143 252 69 .56 .12|1.48 2.7|1.45 2.5| .57 .38| 24.6 38.5| 0911 |**

**| 245 252 69 .56 .12|1.36 2.1|1.31 1.8| .67 .38| 23.2 38.5| 9911 |**

**| 308 252 69 .56 .12|1.98 4.8|1.92 4.5| .57 .38| 10.1 38.5| 2911 |**

**| 334 252 69 .56 .12| .64 -2.6| .64 -2.5| .52 .38| 56.5 38.5| 3011 |**

**| 9 251 69 .55 .12|2.28 6.0|2.20 5.6| .72 .38| 10.1 38.4| 7812 |**

**| 88 251 69 .55 .12| .64 -2.5| .63 -2.6| .49 .38| 50.7 38.4| 8813 |**

**| 174 251 69 .55 .12| .70 -2.1| .70 -2.0| .46 .38| 34.8 38.4| 6911 |**

**| 268 251 69 .55 .12|1.37 2.1|1.35 2.0| .44 .38| 23.2 38.4| 2911 |**

**| 274 251 69 .55 .12| .79 -1.3| .78 -1.4| .34 .38| 44.9 38.4| 5913 |**

**| 67 250 69 .53 .12| .92 -.5| .91 -.5| .71 .38| 36.2 38.1| 0821 |**

**| 74 250 69 .53 .12| .68 -2.2| .69 -2.1| .48 .38| 53.6 38.1| 1811 |**

**| 90 250 69 .53 .12| .62 -2.8| .60 -2.9| .60 .38| 55.1 38.1| 0813 |**

**| 111 250 69 .53 .12|1.09 .6|1.08 .5| .28 .38| 36.2 38.1| 8821 |**

**| 214 250 69 .53 .12| .84 -1.0| .82 -1.2| .73 .38| 44.9 38.1| 1921 |**

**| 317 250 69 .53 .12|1.88 4.5|1.83 4.2| .35 .38| 27.5 38.1| 9913 |**

**| 156 249 69 .52 .12|1.39 2.2|1.31 1.8| .73 .38| 27.5 37.9| 2911 |**

**| 161 249 69 .52 .12|1.16 1.0|1.09 .6| .73 .38| 37.7 37.9| 6911 |**

**| 197 249 69 .52 .12|1.11 .7|1.07 .5| .73 .38| 34.8 37.9| 7911 |**

**| 201 249 69 .52 .12|1.41 2.4|1.37 2.1| .63 .38| 26.1 37.9| 4922 |**

**| 254 249 69 .52 .12|1.40 2.3|1.39 2.2| .41 .38| 26.1 37.9| 9921 |**

**| 287 249 69 .52 .12| .90 -.6| .90 -.6| .53 .38| 36.2 37.9| 6912 |**

**| 385 249 69 .52 .12|1.16 1.0|1.09 .6| .73 .38| 37.7 37.9| 921 |**

**| 121 248 69 .50 .12| .66 -2.4| .66 -2.3| .43 .38| 44.9 37.8| 4811 |**

**| 124 248 69 .50 .12| .74 -1.7| .77 -1.5| .47 .38| 39.1 37.8| 3821 |**

**| 159 248 69 .50 .12|1.30 1.8|1.27 1.6| .60 .38| 20.3 37.8| 8911 |**

**| 175 248 69 .50 .12|1.54 3.0|1.48 2.7| .75 .38| 18.8 37.8| 0911 |**

**| 292 248 69 .50 .12|1.42 2.4|1.37 2.1| .49 .38| 29.0 37.8| 3911 |**

**| 309 248 69 .50 .12|1.00 .0|1.00 .1| .45 .38| 29.0 37.8| 4921 |**

**| 60 247 69 .49 .12|1.21 1.3|1.18 1.1| .52 .38| 37.7 37.7| 7811 |**

**| 84 247 69 .49 .12| .80 -1.3| .78 -1.5| .39 .38| 47.8 37.7| 1812 |**

**| 131 247 69 .49 .12|1.84 4.4|1.83 4.2| .51 .38| 20.3 37.7| 7811 |**

**| 303 247 69 .49 .12| .94 -.3| .94 -.3| .40 .38| 46.4 37.7| 5911 |**

**| 312 247 69 .49 .12|1.52 2.9|1.61 3.3| .23 .38| 30.4 37.7| 1911 |**

**| 25 246 69 .47 .12|2.55 7.1|2.48 6.7| .56 .38| 1.4 37.7| 3821 |**

**| 89 246 69 .47 .12| .59 -3.0| .56 -3.2| .56 .38| 50.7 37.7| 9811 |**

**| 114 246 69 .47 .12| .79 -1.4| .80 -1.3| .60 .38| 43.5 37.7| 9811 |**

**| 125 246 69 .47 .12| .70 -2.1| .68 -2.2| .54 .38| 43.5 37.7| 5811 |**

**| 180 246 69 .47 .12| .93 -.4| .93 -.4| .66 .38| 30.4 37.7| 9922 |**

**| 200 246 69 .47 .12|1.19 1.2|1.15 .9| .64 .38| 23.2 37.7| 3913 |**

**| 207 246 69 .47 .12|1.08 .6|1.02 .2| .61 .38| 26.1 37.7| 6911 |**

**| 262 246 69 .47 .12| .74 -1.8| .70 -2.1| .64 .38| 46.4 37.7| 6913 |**

**| 264 246 69 .47 .12| .80 -1.3| .78 -1.4| .41 .38| 39.1 37.7| 8921 |**

**| 279 246 69 .47 .12|1.12 .8|1.13 .8| .39 .38| 23.2 37.7| 7911 |**

**| 54 245 69 .46 .12| .91 -.6| .86 -.9| .74 .39| 46.4 37.5| 6811 |**

**| 80 245 69 .46 .12| .98 -.1| .97 -.2| .65 .39| 37.7 37.5| 8811 |**

**| 126 245 69 .46 .12|1.14 .9|1.13 .8| .41 .39| 29.0 37.5| 6821 |**

**| 277 245 69 .46 .12|1.57 3.2|1.49 2.7| .56 .39| 27.5 37.5| 2912 |**

**| 296 245 69 .46 .12| .51 -3.8| .50 -3.8| .56 .39| 58.0 37.5| 3913 |**

**| 38 244 69 .44 .12| .61 -2.9| .60 -2.9| .62 .39| 47.8 37.3| 0821 |**

**| 40 244 69 .44 .12|1.16 1.0|1.11 .7| .80 .39| 23.2 37.3| 6821 |**

**| 63 244 69 .44 .12| .75 -1.7| .77 -1.5| .59 .39| 34.8 37.3| 7821 |**

**| 75 244 69 .44 .12|1.57 3.2|1.51 2.9| .43 .39| 30.4 37.3| 3811 |**

**| 113 244 69 .44 .12| .87 -.8| .87 -.8| .49 .39| 39.1 37.3| 8811 |**

**| 116 244 69 .44 .12|1.16 1.0|1.14 .9| .42 .39| 27.5 37.3| 1811 |**

**| 202 244 69 .44 .12|1.43 2.5|1.37 2.2| .52 .39| 34.8 37.3| 5921 |**

**| 247 244 69 .44 .12| .61 -2.9| .60 -2.9| .64 .39| 49.3 37.3| 2911 |**

**| 338 244 69 .44 .12| .96 -.2| .93 -.4| .77 .39| 42.0 37.3| 6113 |**

**| 103 243 69 .43 .12| .93 -.4| .91 -.5| .34 .39| 31.9 36.8| 1813 |**

**| 120 243 69 .43 .12| .87 -.8| .83 -1.1| .46 .39| 34.8 36.8| 1811 |**

**| 270 243 69 .43 .12|1.68 3.7|1.63 3.4| .53 .39| 23.2 36.8| 5911 |**

**| 320 243 69 .43 .12| .86 -.9| .83 -1.1| .73 .39| 44.9 36.8| 9011 |**

**| 49 242 69 .42 .12| .64 -2.7| .61 -2.8| .69 .39| 46.4 36.8| 7821 |**

**| 76 242 69 .42 .12|1.09 .6|1.08 .5| .29 .39| 27.5 36.8| 4811 |**

**| 78 242 69 .42 .12|1.03 .3|1.03 .3| .43 .39| 34.8 36.8| 6811 |**

**| 108 242 69 .42 .12|1.02 .2| .98 .0| .51 .39| 40.6 36.8| 9821 |**

**| 132 242 69 .42 .12|1.49 2.8|1.53 3.0| .20 .39| 29.0 36.8| 0821 |**

**| 259 242 69 .42 .12| .82 -1.2| .84 -1.0| .34 .39| 40.6 36.8| 3911 |**

**| 281 242 69 .42 .12| .97 -.1| .96 -.2| .38 .39| 31.9 36.8| 9911 |**

**| 298 242 69 .42 .12|1.39 2.3|1.38 2.2| .31 .39| 29.0 36.8| 5911 |**

**| 233 238 68 .40 .12| .89 -.7| .85 -.9| .56 .39| 44.1 36.7| 4911 |**

**| 55 241 69 .40 .12| .96 -.2| .91 -.5| .76 .39| 36.2 36.6| 7811 |**

**| 95 241 69 .40 .12| .77 -1.6| .74 -1.7| .32 .39| 42.0 36.6| 4813 |**

**| 110 241 69 .40 .12|1.30 1.8|1.37 2.2| .37 .39| 30.4 36.6| 7811 |**

**| 112 241 69 .40 .12|2.06 5.3|2.10 5.4| .33 .39| 17.4 36.6| 7821 |**

**| 150 241 69 .40 .12|1.04 .3|1.00 .1| .72 .39| 34.8 36.6| 9911 |**

**| 269 241 69 .40 .12|1.84 4.4|1.81 4.2| .05 .39| 27.5 36.6| 3911 |**

**| 319 241 69 .40 .12| .81 -1.2| .81 -1.3| .63 .39| 36.2 36.6| 8022 |**

**| 323 241 69 .40 .12|1.47 2.7|1.46 2.6| .63 .39| 15.9 36.6| 9021 |**

**| 333 241 69 .40 .12| .97 -.1| .95 -.2| .54 .39| 43.5 36.6| 1013 |**

**| 45 240 69 .39 .12| .90 -.6| .85 -.9| .69 .39| 40.6 36.3| 5822 |**

**| 127 240 69 .39 .12|1.67 3.7|1.69 3.7| .10 .39| 26.1 36.3| 7821 |**

**| 172 240 69 .39 .12| .82 -1.2| .82 -1.2| .58 .39| 40.6 36.3| 4911 |**

**| 178 240 69 .39 .12| .96 -.2| .95 -.3| .56 .39| 37.7 36.3| 6921 |**

**| 191 240 69 .39 .12|1.29 1.8|1.33 2.0| .21 .39| 24.6 36.3| 5921 |**

**| 221 240 69 .39 .12| .77 -1.6| .74 -1.8| .58 .39| 44.9 36.3| 3921 |**

**| 226 240 69 .39 .12| .68 -2.3| .66 -2.5| .61 .39| 47.8 36.3| 2913 |**

**| 288 240 69 .39 .12|1.09 .6|1.12 .8| .40 .39| 39.1 36.3| 9911 |**

**| 297 240 69 .39 .12|2.28 6.2|2.28 6.1| -.14 .39| 21.7 36.3| 4922 |**

**| 300 240 69 .39 .12| .95 -.3| .95 -.3| .33 .39| 24.6 36.3| 9921 |**

**| 27 239 69 .37 .12| .84 -1.0| .83 -1.1| .68 .39| 36.2 36.2| 1811 |**

**| 51 239 69 .37 .12| .84 -1.1| .83 -1.1| .65 .39| 36.2 36.2| 0811 |**

**| 77 239 69 .37 .12| .99 .0| .98 -.1| .29 .39| 37.7 36.2| 5811 |**

**| 82 239 69 .37 .12| .57 -3.3| .56 -3.3| .38 .39| 44.9 36.2| 2813 |**

**| 87 239 69 .37 .12| .78 -1.5| .78 -1.5| .49 .39| 37.7 36.2| 5811 |**

**| 115 239 69 .37 .12| .73 -1.9| .74 -1.8| .44 .39| 44.9 36.2| 0812 |**

**| 183 239 69 .37 .12|1.31 1.9|1.31 1.9| .68 .39| 30.4 36.2| 4921 |**

**| 280 239 69 .37 .12|1.10 .7|1.11 .7| .36 .39| 36.2 36.2| 8911 |**

**| 32 238 69 .36 .12| .85 -1.0| .82 -1.2| .76 .39| 34.8 36.3| 2821 |**

**| 168 238 69 .36 .12| .61 -2.9| .61 -2.9| .65 .39| 44.9 36.3| 8913 |**

**| 255 238 69 .36 .12| .65 -2.6| .66 -2.5| .52 .39| 40.6 36.3| 0913 |**

**| 275 238 69 .36 .12| .96 -.2| .94 -.3| .36 .39| 46.4 36.3| 7921 |**

**| 276 238 69 .36 .12|1.25 1.6|1.24 1.5| .43 .39| 21.7 36.3| 9911 |**

**| 284 238 69 .36 .12| .76 -1.7| .76 -1.6| .37 .39| 46.4 36.3| 1911 |**

**| 313 238 69 .36 .12| .49 -4.1| .48 -4.2| .44 .39| 58.0 36.3| 4911 |**

**| 3 237 69 .35 .12| .98 -.1|1.00 .1| .50 .39| 39.1 36.1| 0722 |**

**| 34 237 69 .35 .12| .76 -1.6| .74 -1.8| .76 .39| 44.9 36.1| 8821 |**

**| 53 237 69 .35 .12|1.42 2.5|1.43 2.5| .66 .39| 30.4 36.1| 5812 |**

**| 86 237 69 .35 .12|1.17 1.1|1.18 1.2| .62 .39| 46.4 36.1| 3811 |**

**| 92 237 69 .35 .12| .96 -.2| .95 -.3| .36 .39| 30.4 36.1| 8811 |**

**| 97 237 69 .35 .12| .56 -3.4| .55 -3.5| .57 .39| 58.0 36.1| 8811 |**

**| 140 237 69 .35 .12| .82 -1.2| .83 -1.1| .53 .39| 40.6 36.1| 6921 |**

**| 148 237 69 .35 .12| .56 -3.4| .52 -3.7| .52 .39| 52.2 36.1| 6911 |**

**| 210 237 69 .35 .12| .67 -2.4| .64 -2.6| .61 .39| 53.6 36.1| 4912 |**

**| 213 237 69 .35 .12| .84 -1.1| .82 -1.2| .47 .39| 37.7 36.1| 8922 |**

**| 234 237 69 .35 .12|1.47 2.7|1.42 2.5| .71 .39| 24.6 36.1| 5911 |**

**| 253 237 69 .35 .12| .82 -1.2| .82 -1.2| .51 .39| 31.9 36.1| 8911 |**

**| 265 237 69 .35 .12| .68 -2.4| .70 -2.1| .33 .39| 39.1 36.1| 9913 |**

**| 266 237 69 .35 .12|1.06 .4|1.01 .1| .32 .39| 37.7 36.1| 4911 |**

**| 328 237 69 .35 .12|1.04 .3|1.01 .1| .60 .39| 34.8 36.1| 6011 |**

**| 401 237 69 .35 .12| .56 -3.4| .52 -3.7| .52 .39| 52.2 36.1| 911 |**

**| 50 236 69 .33 .12| .42 -5.0| .39 -5.3| .67 .39| 59.4 36.1| 9811 |**

**| 99 236 69 .33 .12| .91 -.6| .92 -.5| .53 .39| 37.7 36.1| 3813 |**

**| 100 236 69 .33 .12|1.22 1.4|1.22 1.4| .49 .39| 34.8 36.1| 4821 |**

**| 109 236 69 .33 .12|1.10 .7|1.07 .5| .05 .39| 34.8 36.1| 0813 |**

**| 117 236 69 .33 .12| .79 -1.5| .77 -1.6| .46 .39| 39.1 36.1| 6821 |**

**| 146 236 69 .33 .12| .56 -3.5| .56 -3.4| .53 .39| 52.2 36.1| 4911 |**

**| 166 236 69 .33 .12| .50 -4.0| .50 -4.0| .72 .39| 56.5 36.1| 6921 |**

**| 219 236 69 .33 .12| .51 -3.9| .49 -4.1| .69 .39| 47.8 36.1| 0921 |**

**| 236 236 69 .33 .12| .74 -1.8| .71 -2.0| .70 .39| 49.3 36.1| 7911 |**

**| 241 236 69 .33 .12| .74 -1.8| .71 -2.0| .70 .39| 47.8 36.1| 2911 |**

**| 272 236 69 .33 .12| .35 -5.8| .36 -5.6| .58 .39| 56.5 36.1| 0921 |**

**| 304 236 69 .33 .12| .78 -1.5| .81 -1.3| .30 .39| 43.5 36.1| 7912 |**

**| 307 236 69 .33 .12| .83 -1.2| .82 -1.2| .22 .39| 37.7 36.1| 1911 |**

**| 332 232 68 .33 .12| .35 -5.7| .36 -5.5| .57 .39| 55.9 36.0| 2011 |**

**| 59 235 69 .32 .12|1.22 1.4|1.22 1.4| .47 .39| 23.2 35.9| 4821 |**

**| 62 235 69 .32 .12| .97 -.2| .97 -.1| .62 .39| 42.0 35.9| 6821 |**

**| 68 235 69 .32 .12| .62 -2.9| .61 -2.9| .45 .39| 50.7 35.9| 1811 |**

**| 91 235 69 .32 .12| .74 -1.8| .71 -2.0| .44 .39| 47.8 35.9| 6811 |**

**| 157 235 69 .32 .12| .80 -1.4| .74 -1.8| .68 .39| 50.7 35.9| 5911 |**

**| 162 235 69 .32 .12| .76 -1.7| .73 -1.9| .62 .39| 36.2 35.9| 7911 |**

**| 176 235 69 .32 .12| .48 -4.3| .46 -4.4| .44 .39| 49.3 35.9| 2923 |**

**| 181 235 69 .32 .12| .72 -2.0| .72 -2.0| .70 .39| 40.6 35.9| 2911 |**

**| 239 235 69 .32 .12| .90 -.6| .88 -.8| .63 .39| 36.2 35.9| 0911 |**

**| 386 235 69 .32 .12| .76 -1.7| .73 -1.9| .62 .39| 36.2 35.9| 913 |**

**| 2 234 69 .30 .12|1.27 1.7|1.23 1.5| .47 .39| 27.5 35.8| 0721 |**

**| 16 234 69 .30 .12| .79 -1.4| .79 -1.4| .55 .39| 43.5 35.8| 0811 |**

**| 212 234 69 .30 .12| .61 -3.0| .59 -3.1| .63 .39| 44.9 35.8| 6921 |**

**| 223 234 69 .30 .12| .54 -3.7| .52 -3.8| .55 .39| 47.8 35.8| 5911 |**

**| 252 234 69 .30 .12|1.05 .4|1.04 .3| .57 .39| 33.3 35.8| 5922 |**

**| 302 234 69 .30 .12|1.24 1.5|1.21 1.3| .50 .39| 23.2 35.8| 3913 |**

**| 318 234 69 .30 .12|1.09 .7|1.10 .7| .60 .39| 33.3 35.8| 9011 |**

**| 326 234 69 .30 .12| .80 -1.4| .78 -1.5| .62 .39| 43.5 35.8| 9011 |**

**| 335 234 69 .30 .12| .77 -1.6| .75 -1.8| .60 .39| 42.0 35.8| 4013 |**

**| 4 233 69 .29 .12| .78 -1.5| .78 -1.5| .38 .39| 42.0 35.6| 4721 |**

**| 28 233 69 .29 .12| .54 -3.7| .53 -3.7| .62 .39| 44.9 35.6| 3811 |**

**| 61 233 69 .29 .12| .40 -5.2| .38 -5.4| .74 .39| 72.5 35.6| 5811 |**

**| 203 233 69 .29 .12| .82 -1.2| .80 -1.4| .68 .39| 34.8 35.6| 7912 |**

**| 222 233 69 .29 .12|1.39 2.4|1.37 2.2| .52 .39| 31.9 35.6| 4911 |**

**| 232 233 69 .29 .12| .45 -4.6| .44 -4.6| .66 .39| 55.1 35.6| 3911 |**

**| 251 233 69 .29 .12|1.17 1.1|1.23 1.5| .19 .39| 37.7 35.6| 7921 |**

**| 306 233 69 .29 .12| .94 -.3| .98 -.1| .26 .39| 37.7 35.6| 0911 |**

**| 14 232 69 .28 .12|1.09 .6|1.06 .5| .55 .39| 26.1 35.5| 6821 |**

**| 18 232 69 .28 .12|1.09 .7|1.08 .5| .33 .39| 30.4 35.5| 3821 |**

**| 30 232 69 .28 .12| .37 -5.6| .35 -5.7| .44 .39| 52.2 35.5| 7821 |**

**| 39 232 69 .28 .12| .84 -1.1| .83 -1.1| .55 .39| 33.3 35.5| 2821 |**

**| 52 232 69 .28 .12| .73 -1.9| .70 -2.2| .60 .39| 47.8 35.5| 4822 |**

**| 72 232 69 .28 .12|1.32 2.0|1.36 2.2| .37 .39| 30.4 35.5| 6822 |**

**| 194 232 69 .28 .12| .45 -4.7| .46 -4.4| .38 .39| 50.7 35.5| 2911 |**

**| 208 232 69 .28 .12| .66 -2.6| .63 -2.8| .69 .39| 52.2 35.5| 1922 |**

**| 218 232 69 .28 .12| .78 -1.5| .79 -1.4| .63 .39| 37.7 35.5| 9911 |**

**| 261 232 69 .28 .12|1.08 .6|1.10 .7| .26 .39| 40.6 35.5| 5911 |**

**| 295 228 68 .27 .12|2.13 5.8|2.11 5.6| .45 .39| 11.8 35.6| 2911 |**

**| 1 231 69 .26 .12| .76 -1.7| .73 -1.9| .66 .39| 43.5 35.5| 7711 |**

**| 33 231 69 .26 .12| .51 -4.0| .51 -4.0| .62 .39| 52.2 35.5| 7821 |**

**| 35 231 69 .26 .12| .89 -.7| .91 -.6| .56 .39| 40.6 35.5| 1821 |**

**| 37 231 69 .26 .12| .33 -6.1| .33 -6.1| .58 .39| 55.1 35.5| 9821 |**

**| 47 231 69 .26 .12| .59 -3.2| .59 -3.1| .51 .39| 42.0 35.5| 8821 |**

**| 66 231 69 .26 .12| .49 -4.2| .48 -4.3| .50 .39| 62.3 35.5| 9821 |**

**| 70 231 69 .26 .12|1.05 .4|1.06 .4| .11 .39| 42.0 35.5| 3821 |**

**| 138 231 69 .26 .12| .66 -2.5| .65 -2.6| .51 .39| 44.9 35.5| 4921 |**

**| 190 231 69 .26 .12|1.43 2.6|1.42 2.5| .18 .39| 23.2 35.5| 4911 |**

**| 204 231 69 .26 .12| .90 -.6| .90 -.6| .43 .39| 55.1 35.5| 9921 |**

**| 230 231 69 .26 .12| .63 -2.8| .62 -2.8| .70 .39| 53.6 35.5| 8911 |**

**| 285 231 69 .26 .12|1.86 4.7|1.89 4.7| .09 .39| 18.8 35.5| 2911 |**

**| 289 231 69 .26 .12|1.14 .9|1.17 1.1| .34 .39| 39.1 35.5| 0921 |**

**| 12 230 69 .25 .12| .64 -2.7| .63 -2.8| .42 .39| 47.8 35.3| 0811 |**

**| 58 230 69 .25 .12| .64 -2.7| .64 -2.7| .57 .39| 47.8 35.3| 0811 |**

**| 79 230 69 .25 .12| .86 -.9| .86 -.9| .41 .39| 37.7 35.3| 7811 |**

**| 130 230 69 .25 .12|1.30 1.9|1.35 2.2| .16 .39| 29.0 35.3| 3821 |**

**| 142 230 69 .25 .12| .45 -4.6| .45 -4.6| .59 .39| 53.6 35.3| 9911 |**

**| 171 230 69 .25 .12| .43 -4.8| .42 -5.0| .64 .39| 60.9 35.3| 1921 |**

**| 315 230 69 .25 .12| .55 -3.6| .52 -3.8| .44 .39| 60.9 35.3| 6911 |**

**| 325 230 69 .25 .12| .71 -2.1| .71 -2.1| .65 .39| 40.6 35.3| 8011 |**

**| 383 230 69 .25 .12| .64 -2.7| .63 -2.8| .42 .39| 47.8 35.3| 921 |**

**| 65 226 68 .24 .12|1.18 1.2|1.18 1.2| .39 .39| 29.4 35.4| 8821 |**

**| 15 229 69 .24 .12| .45 -4.7| .43 -4.8| .56 .39| 50.7 35.2| 9811 |**

**| 85 229 69 .24 .12|1.33 2.1|1.34 2.1| .01 .39| 36.2 35.2| 2811 |**

**| 185 229 69 .24 .12| .66 -2.6| .66 -2.6| .62 .39| 49.3 35.2| 7911 |**

**| 196 229 69 .24 .12|1.06 .4|1.06 .4| .48 .39| 30.4 35.2| 6911 |**

**| 198 229 69 .24 .12| .59 -3.2| .60 -3.1| .50 .39| 44.9 35.2| 8911 |**

**| 238 229 69 .24 .12| .31 -6.4| .31 -6.4| .71 .39| 68.1 35.2| 9911 |**

**| 321 229 69 .24 .12| .78 -1.5| .78 -1.6| .32 .39| 34.8 35.2| 9011 |**

**| 31 228 69 .22 .12|1.43 2.6|1.42 2.5| .50 .39| 26.1 34.7| 1811 |**

**| 122 228 69 .22 .12|1.06 .4|1.08 .6| .34 .39| 39.1 34.7| 6821 |**

**| 141 228 69 .22 .12|1.53 3.1|1.51 3.0| .22 .39| 29.0 34.7| 8911 |**

**| 165 228 69 .22 .12| .72 -2.1| .69 -2.2| .65 .39| 39.1 34.7| 4911 |**

**| 169 228 69 .22 .12| .47 -4.4| .45 -4.6| .67 .39| 55.1 34.7| 9921 |**

**| 182 228 69 .22 .12|1.02 .2|1.03 .2| .39 .39| 37.7 34.7| 3912 |**

**| 258 228 69 .22 .12| .97 -.1| .98 -.1| .34 .39| 49.3 34.7| 1921 |**

**| 327 228 69 .22 .12| .46 -4.6| .44 -4.8| .43 .39| 52.2 34.7| 1011 |**

**| 64 227 69 .21 .12| .75 -1.8| .76 -1.7| .47 .39| 50.7 34.7| 0811 |**

**| 134 227 69 .21 .12|1.67 3.8|1.62 3.5| .50 .39| 31.9 34.7| 2821 |**

**| 151 227 69 .21 .12| .80 -1.4| .78 -1.5| .66 .39| 46.4 34.7| 2911 |**

**| 193 227 69 .21 .12| .36 -5.8| .34 -6.0| .70 .39| 62.3 34.7| 0912 |**

**| 242 227 69 .21 .12| .77 -1.6| .76 -1.7| .36 .39| 33.3 34.7| 3911 |**

**| 243 227 69 .21 .12| .48 -4.4| .47 -4.5| .63 .39| 50.7 34.7| 4911 |**

**| 248 227 69 .21 .12|1.10 .7|1.10 .7| .53 .39| 37.7 34.7| 3911 |**

**| 257 227 69 .21 .12|1.14 1.0|1.15 1.0| .32 .39| 30.4 34.7| 0913 |**

**| 286 227 69 .21 .12| .66 -2.6| .66 -2.6| .42 .39| 40.6 34.7| 5911 |**

**| 278 224 68 .20 .12|1.38 2.3|1.40 2.4| .25 .39| 25.0 34.8| 6913 |**

**| 13 226 69 .20 .12|1.02 .2|1.00 .0| .50 .39| 33.3 34.7| 3821 |**

**| 93 226 69 .20 .12| .73 -2.0| .73 -1.9| .30 .39| 39.1 34.7| 9821 |**

**| 153 226 69 .20 .12| .69 -2.3| .68 -2.4| .53 .39| 44.9 34.7| 5911 |**

**| 154 226 69 .20 .12| .57 -3.4| .57 -3.4| .58 .39| 50.7 34.7| 6911 |**

**| 158 226 69 .20 .12| .91 -.6| .90 -.6| .49 .39| 36.2 34.7| 7911 |**

**| 163 226 69 .20 .12| .41 -5.2| .40 -5.3| .65 .39| 55.1 34.7| 1911 |**

**| 209 226 69 .20 .12| .77 -1.6| .77 -1.6| .51 .39| 46.4 34.7| 2921 |**

**| 217 226 69 .20 .12| .55 -3.6| .55 -3.6| .71 .39| 44.9 34.7| 8911 |**

**| 322 226 69 .20 .12| .58 -3.4| .57 -3.4| .47 .39| 46.4 34.7| 4011 |**

**| 244 222 68 .19 .12| .64 -2.8| .63 -2.8| .58 .39| 44.1 34.8| 8911 |**

**| 11 225 69 .18 .11| .49 -4.2| .48 -4.3| .69 .39| 53.6 34.7| 9811 |**

**| 20 225 69 .18 .11| .68 -2.4| .67 -2.5| .64 .39| 34.8 34.7| 8811 |**

**| 73 225 69 .18 .11| .86 -.9| .90 -.7| .44 .39| 39.1 34.7| 7821 |**

**| 187 225 69 .18 .11| .33 -6.2| .34 -6.1| .53 .39| 50.7 34.7| 0912 |**

**| 250 225 69 .18 .11| .55 -3.7| .53 -3.8| .47 .39| 40.6 34.7| 5921 |**

**| 357 225 69 .18 .11| .49 -4.2| .48 -4.3| .69 .39| 53.6 34.7| 822 |**

**| 10 224 69 .17 .11| .98 -.1| .97 -.1| .33 .39| 33.3 34.6| 8811 |**

**| 17 224 69 .17 .11| .57 -3.4| .56 -3.5| .63 .39| 52.2 34.6| 1821 |**

**| 135 224 69 .17 .11| .60 -3.2| .59 -3.2| .73 .39| 47.8 34.6| 1911 |**

**| 136 224 69 .17 .11|1.55 3.3|1.52 3.1| .32 .39| 17.4 34.6| 2911 |**

**| 145 224 69 .17 .11| .67 -2.5| .66 -2.6| .39 .39| 33.3 34.6| 2921 |**

**| 177 224 69 .17 .11| .36 -5.9| .37 -5.7| .60 .39| 59.4 34.6| 4912 |**

**| 199 224 69 .17 .11| .66 -2.6| .64 -2.8| .51 .39| 49.3 34.6| 1911 |**

**| 263 224 69 .17 .11| .73 -2.0| .73 -2.0| .28 .39| 37.7 34.6| 7911 |**

**| 356 224 69 .17 .11| .98 -.1| .97 -.1| .33 .39| 33.3 34.6| 821 |**

**| 23 223 69 .16 .11| .51 -4.1| .50 -4.1| .63 .39| 46.4 34.6| 5811 |**

**| 48 223 69 .16 .11| .68 -2.4| .69 -2.3| .32 .39| 46.4 34.6| 3811 |**

**| 104 223 69 .16 .11| .72 -2.1| .72 -2.1| .27 .39| 34.8 34.6| 2811 |**

**| 119 223 69 .16 .11| .61 -3.0| .61 -3.0| .33 .39| 36.2 34.6| 0811 |**

**| 144 223 69 .16 .11| .34 -6.1| .34 -6.1| .64 .39| 52.2 34.6| 1911 |**

**| 229 223 69 .16 .11| .82 -1.3| .83 -1.2| .56 .39| 30.4 34.6| 6912 |**

**| 36 222 69 .14 .11| .36 -5.8| .37 -5.7| .57 .39| 56.5 34.1| 3821 |**

**| 81 222 69 .14 .11| .94 -.4| .96 -.3| .27 .39| 37.7 34.1| 9822 |**

**| 139 222 69 .14 .11| .48 -4.5| .47 -4.4| .55 .39| 44.9 34.1| 5912 |**

**| 246 222 69 .14 .11| .45 -4.7| .44 -4.8| .56 .39| 55.1 34.1| 1911 |**

**| 299 222 69 .14 .11| .50 -4.2| .49 -4.2| .34 .39| 30.4 34.1| 8911 |**

**| 336 222 69 .14 .11| .94 -.4| .93 -.5| .04 .39| 30.4 34.1| 4023 |**

**| 337 222 69 .14 .11| .56 -3.5| .55 -3.6| .45 .39| 37.7 34.1| 4111 |**

**| 19 221 69 .13 .11| .32 -6.4| .33 -6.2| .38 .39| 53.6 34.0| 4821 |**

**| 22 221 69 .13 .11| .96 -.2| .93 -.4| .40 .39| 37.7 34.0| 2821 |**

**| 42 221 69 .13 .11|1.09 .7|1.08 .6| .44 .39| 24.6 34.0| 1821 |**

**| 164 221 69 .13 .11| .81 -1.3| .79 -1.5| .66 .39| 34.8 34.0| 3911 |**

**| 173 221 69 .13 .11| .61 -3.0| .59 -3.2| .73 .39| 44.9 34.0| 5911 |**

**| 184 221 69 .13 .11| .70 -2.3| .70 -2.3| .22 .39| 34.8 34.0| 5912 |**

**| 224 221 69 .13 .11| .36 -5.9| .35 -6.0| .70 .39| 59.4 34.0| 7911 |**

**| 407 221 69 .13 .11| .32 -6.4| .33 -6.2| .38 .39| 53.6 34.0| 022 |**

**| 56 220 69 .12 .11| .55 -3.7| .52 -3.9| .61 .39| 50.7 33.8| 1811 |**

**| 179 220 69 .12 .11| .70 -2.3| .68 -2.4| .59 .39| 42.0 33.8| 8911 |**

**| 195 220 69 .12 .11| .72 -2.1| .70 -2.2| .21 .39| 39.1 33.8| 5911 |**

**| 225 220 69 .12 .11| .68 -2.4| .67 -2.5| .64 .39| 43.5 33.8| 1911 |**

**| 316 220 69 .12 .11| .37 -5.7| .38 -5.6| .18 .39| 46.4 33.8| 8911 |**

**| 29 219 69 .10 .11| .79 -1.5| .79 -1.5| .44 .39| 39.1 33.5| 5821 |**

**| 44 219 69 .10 .11|1.20 1.3|1.17 1.2| .47 .39| 30.4 33.5| 4811 |**

**| 46 219 69 .10 .11| .89 -.7| .89 -.8| .52 .39| 31.9 33.5| 7821 |**

**| 71 219 69 .10 .11| .69 -2.3| .68 -2.4| .27 .39| 40.6 33.5| 4821 |**

**| 98 219 69 .10 .11| .50 -4.2| .50 -4.2| .39 .39| 53.6 33.5| 0821 |**

**| 102 219 69 .10 .11| .40 -5.3| .40 -5.3| .39 .39| 52.2 33.5| 0811 |**

**| 133 219 69 .10 .11| .49 -4.4| .48 -4.4| .44 .39| 47.8 33.5| 1821 |**

**| 402 219 69 .10 .11|2.33 6.8|2.38 6.9| -.23 .39| 27.5 33.5| 013 |**

**| 5 218 69 .09 .11| .67 -2.6| .66 -2.6| .16 .39| 40.6 33.0| 7821 |**

**| 105 218 69 .09 .11|1.30 1.9|1.29 1.9| .27 .39| 21.7 33.0| 5821 |**

**| 118 218 69 .09 .11| .97 -.2| .97 -.1| .25 .39| 31.9 33.0| 7811 |**

**| 186 218 69 .09 .11| .70 -2.3| .69 -2.3| .54 .39| 40.6 33.0| 8921 |**

**| 215 218 69 .09 .11| .45 -4.8| .44 -4.9| .49 .39| 55.1 33.0| 2912 |**

**| 237 218 69 .09 .11| .78 -1.6| .77 -1.7| .52 .39| 34.8 33.0| 8911 |**

**| 188 217 69 .08 .11| .65 -2.7| .64 -2.8| .59 .39| 31.9 32.8| 1921 |**

**| 192 217 69 .08 .11| .55 -3.7| .55 -3.7| .67 .39| 43.5 32.8| 6921 |**

**| 235 217 69 .08 .11| .65 -2.7| .64 -2.8| .63 .39| 29.0 32.8| 6911 |**

**| 341 217 69 .08 .11| .36 -5.9| .36 -5.9| .63 .39| 53.6 32.8| 5211 |**

**| 384 217 69 .08 .11| .36 -5.9| .36 -5.9| .63 .39| 53.6 32.8| 911 |**

**| 404 217 69 .08 .11|1.01 .1|1.02 .2| -.17 .39| 26.1 32.8| 011 |**

**| 155 216 69 .07 .11| .80 -1.4| .79 -1.5| .40 .39| 40.6 32.7| 1911 |**

**| 206 216 69 .07 .11|1.53 3.2|1.49 3.0| .15 .39| 23.2 32.7| 2912 |**

**| 240 216 69 .07 .11| .39 -5.5| .38 -5.6| .63 .39| 50.7 32.7| 1911 |**

**| 365 216 69 .07 .11|1.51 3.1|1.53 3.2| -.03 .39| 26.1 32.7| 822 |**

**| 24 215 69 .05 .11| .38 -5.7| .38 -5.7| .38 .39| 39.1 32.4| 2822 |**

**| 147 215 69 .05 .11| .85 -1.0| .84 -1.1| .48 .39| 36.2 32.4| 5911 |**

**| 170 215 69 .05 .11|1.06 .5|1.05 .4| .26 .39| 30.4 32.4| 0911 |**

**| 260 215 69 .05 .11|1.04 .4|1.06 .4| .15 .39| 34.8 32.4| 4913 |**

**| 389 215 69 .05 .11| .84 -1.1| .86 -1.0| .11 .39| 42.0 32.4| 921 |**

**| 8 214 69 .04 .11| .39 -5.6| .39 -5.6| .56 .39| 58.0 32.3| 3811 |**

**| 123 214 69 .04 .11| .90 -.7| .92 -.5| .17 .39| 34.8 32.3| 9811 |**

**| 7 213 69 .03 .11| .59 -3.3| .59 -3.3| .33 .39| 47.8 32.1| 7812 |**

**| 160 213 69 .03 .11| .93 -.5| .92 -.5| .46 .39| 24.6 32.1| 2911 |**

**| 227 213 69 .03 .11| .61 -3.1| .61 -3.1| .55 .39| 46.4 32.1| 3911 |**

**| 412 213 69 .03 .11| .59 -3.3| .59 -3.3| .33 .39| 47.8 32.1| 011 |**

**| 271 212 69 .01 .11|1.02 .2|1.03 .3| -.04 .39| 36.2 32.1| 7921 |**

**| 391 212 69 .01 .11| .72 -2.1| .74 -2.0| -.27 .39| 42.0 32.1| 911 |**

**| 409 209 68 .01 .11|1.47 2.9|1.49 3.0| -.03 .39| 35.3 32.1| 021 |**

**| 41 208 68 .00 .11| .73 -2.1| .73 -2.0| .39 .39| 41.2 32.1| 8821 |**

**| 343 210 69 -.01 .11|1.38 2.4|1.39 2.5| .13 .39| 39.1 31.9| 711 |**

**| 359 210 69 -.01 .11|1.20 1.4|1.22 1.5| -.02 .39| 31.9 31.9| 813 |**

**| 129 208 69 -.04 .11| .88 -.9| .90 -.7| .04 .39| 39.1 31.8| 2812 |**

**| 282 208 69 -.04 .11| .47 -4.7| .49 -4.4| -.04 .39| 53.6 31.8| 3911 |**

**| 340 208 69 -.04 .11|1.20 1.4|1.25 1.7| -.14 .39| 36.2 31.8| 0211 |**

**| 152 207 69 -.05 .11| .49 -4.4| .49 -4.4| .49 .39| 55.1 31.9| 4921 |**

**| 267 207 69 -.05 .11| .18 -9.1| .20 -8.7| .00 .39| 72.5 31.9| 1911 |**

**| 26 206 69 -.06 .11|1.20 1.4|1.21 1.4| .43 .39| 26.1 31.9| 9821 |**

**| 364 206 69 -.06 .11|1.52 3.2|1.55 3.4| -.35 .39| 31.9 31.9| 811 |**

**| 339 205 69 -.08 .11| .58 -3.4| .60 -3.3| .31 .39| 42.0 32.0| 0111 |**

**| 379 205 69 -.08 .11|1.20 1.4|1.21 1.5| -.07 .39| 26.1 32.0| 921 |**

**| 137 204 69 -.09 .11|1.76 4.5|1.77 4.4| -.09 .39| 21.7 31.8| 3911 |**

**| 149 204 69 -.09 .11| .86 -1.0| .87 -.9| .38 .39| 46.4 31.8| 8911 |**

**| 344 204 69 -.09 .11| .86 -1.0| .87 -.9| .38 .39| 46.4 31.8| 713 |**

**| 231 203 69 -.10 .11| .63 -3.0| .64 -2.9| .27 .39| 43.5 31.6| 2921 |**

**| 361 201 69 -.13 .11| .67 -2.6| .69 -2.4| -.07 .39| 52.2 31.7| 821 |**

**| 374 201 69 -.13 .11|1.20 1.4|1.23 1.6| -.17 .39| 36.2 31.7| 911 |**

**| 408 201 69 -.13 .11|1.11 .8|1.14 1.0| -.15 .39| 36.2 31.7| 011 |**

**| 363 200 69 -.14 .11|1.02 .2|1.05 .4| -.03 .39| 40.6 31.7| 811 |**

**| 377 200 69 -.14 .11|1.55 3.4|1.65 3.9| -.23 .39| 42.0 31.7| 921 |**

**| 228 199 69 -.15 .11| .98 -.1|1.02 .2| .18 .39| 27.5 31.8| 5911 |**

**| 406 199 69 -.15 .11|1.63 3.8|1.66 3.9| -.26 .39| 20.3 31.8| 011 |**

**| 367 198 69 -.17 .11|1.07 .5|1.10 .7| -.04 .39| 36.2 31.6| 821 |**

**| 372 198 69 -.17 .11|1.22 1.5|1.26 1.8| -.09 .39| 23.2 31.6| 913 |**

**| 375 198 69 -.17 .11|1.36 2.4|1.40 2.6| -.14 .39| 29.0 31.6| 911 |**

**| 376 198 69 -.17 .11|2.19 6.4|2.20 6.4| -.11 .39| 18.8 31.6| 911 |**

**| 387 198 69 -.17 .11|1.84 4.8|1.86 4.9| -.13 .39| 26.1 31.6| 913 |**

**| 399 198 69 -.17 .11|1.84 4.8|1.86 4.9| -.13 .39| 26.1 31.6| 921 |**

**| 413 198 69 -.17 .11|1.55 3.4|1.65 3.9| -.24 .39| 18.8 31.6| 111 |**

**| 371 197 69 -.18 .11|1.55 3.4|1.61 3.7| .05 .39| 17.4 31.6| 921 |**

**| 380 196 69 -.19 .11|2.14 6.2|2.16 6.2| -.07 .39| 21.7 31.7| 921 |**

**| 395 196 69 -.19 .11|1.79 4.6|1.81 4.7| -.17 .39| 26.1 31.7| 921 |**

**| 397 196 69 -.19 .11|1.08 .6|1.15 1.1| -.26 .39| 40.6 31.7| 922 |**

**| 400 196 69 -.19 .11|1.81 4.7|1.91 5.1| -.20 .39| 23.2 31.7| 921 |**

**| 411 196 69 -.19 .11|1.11 .8|1.15 1.1| -.04 .39| 24.6 31.7| 013 |**

**| 398 195 69 -.20 .11| .85 -1.1| .88 -.8| -.14 .38| 33.3 31.7| 913 |**

**| 378 194 69 -.22 .11|1.96 5.4|1.97 5.4| -.11 .38| 21.7 31.7| 921 |**

**| 21 193 69 -.23 .11| .94 -.4| .92 -.5| .29 .38| 44.9 31.6| 0811 |**

**| 350 193 69 -.23 .11|1.15 1.1|1.23 1.6| -.01 .38| 36.2 31.6| 823 |**

**| 366 193 69 -.23 .11|2.87 9.0|2.91 9.1| -.17 .38| 15.9 31.6| 811 |**

**| 370 193 69 -.23 .11|1.18 1.3|1.22 1.5| -.09 .38| 40.6 31.6| 911 |**

**| 396 193 69 -.23 .11|1.89 5.1|1.99 5.5| -.22 .38| 29.0 31.6| 911 |**

**| 342 192 69 -.24 .11| .67 -2.6| .68 -2.5| .02 .38| 43.5 31.7| 1521 |**

**| 348 192 69 -.24 .11|1.52 3.2|1.57 3.5| -.10 .38| 29.0 31.7| 811 |**

**| 351 192 69 -.24 .11|2.47 7.6|2.51 7.6| .02 .38| 23.2 31.7| 821 |**

**| 405 192 69 -.24 .11|1.65 3.9|1.71 4.2| -.08 .38| 27.5 31.7| 021 |**

**| 403 189 69 -.28 .11| .81 -1.4| .86 -.9| -.08 .38| 36.2 31.6| 021 |**

**| 414 189 69 -.28 .11|1.63 3.8|1.69 4.1| -.09 .38| 24.6 31.6| 121 |**

**| 349 187 69 -.31 .11|1.27 1.8|1.33 2.2| -.02 .38| 30.4 31.9| 811 |**

**| 352 187 69 -.31 .11|1.85 4.9|1.91 5.1| -.08 .38| 27.5 31.9| 821 |**

**| 373 187 69 -.31 .11| .96 -.2|1.02 .2| .06 .38| 20.3 31.9| 911 |**

**| 393 187 69 -.31 .11|2.00 5.6|2.07 5.8| -.01 .38| 13.0 31.9| 911 |**

**| 347 186 69 -.32 .11| .88 -.9| .92 -.5| -.14 .38| 29.0 31.9| 811 |**

**| 392 186 69 -.32 .11|1.36 2.4|1.42 2.7| -.12 .38| 42.0 31.9| 922 |**

**| 410 186 69 -.32 .11|1.35 2.3|1.40 2.5| -.11 .38| 31.9 31.9| 012 |**

**| 355 185 69 -.33 .11|1.48 3.1|1.55 3.4| -.07 .38| 33.3 31.9| 821 |**

**| 362 185 69 -.33 .11|1.01 .1|1.07 .5| -.05 .38| 39.1 31.9| 821 |**

**| 353 182 69 -.37 .11|1.32 2.1|1.36 2.3| -.09 .37| 26.1 32.0| 821 |**

**| 345 181 69 -.38 .11|2.01 5.6|2.12 6.0| -.25 .37| 17.4 32.0| 821 |**

**| 346 181 69 -.38 .11|1.46 2.9|1.52 3.2| .01 .37| 23.2 32.0| 811 |**

**| 382 181 69 -.38 .11|1.75 4.4|1.81 4.6| -.07 .37| 23.2 32.0| 921 |**

**| 415 178 69 -.42 .11|1.70 4.2|1.80 4.6| -.17 .37| 18.8 32.3| 111 |**

**| 358 176 69 -.45 .11|1.30 2.0|1.34 2.2| -.13 .37| 26.1 32.4| 811 |**

**| 388 176 69 -.45 .11|1.48 3.0|1.62 3.7| .03 .37| 34.8 32.4| 922 |**

**| 360 173 69 -.49 .11|1.85 4.9|1.95 5.2| -.05 .37| 23.2 32.5| 821 |**

**| 368 169 69 -.54 .12|1.59 3.5|1.66 3.8| .02 .36| 20.3 32.6| 813 |**

**| 390 160 69 -.66 .12|1.04 .3|1.11 .8| -.01 .35| 33.3 32.7| 911 |**

**| 394 160 69 -.66 .12|1.30 1.9|1.54 3.1| -.06 .35| 30.4 32.7| 911 |**

**| 354 151 69 -.79 .12|1.57 3.2|1.76 3.9| -.19 .34| 29.0 34.1| 821 |**

**| 369 150 69 -.81 .12|1.37 2.2|1.44 2.5| .02 .34| 24.6 34.2| 911 |**

**| 381 137 69 -1.01 .13| .69 -2.1| .82 -1.0| .06 .31| 46.4 38.1| 921 |**

**|------------------------------------+----------+----------+-----------+-----------+-------|**

**| MEAN 227.8 69.0 .23 .12|1.01 -.3|1.01 -.4| | 37.4 35.3| |**

**| S.D. 20.9 .1 .28 .00| .47 3.0| .48 3.0| | 11.7 2.3| |**

**--------------------------------------------------------------------------------------------**

**LAMPIRAN 6 : peta person dan item**

**MAP OF Person AND Item**

**MEASURE | MEASURE**

**<more> --------------------- Person -+- Item ----------------- <rare>**

**3 + 3**

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**2 + 2**

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**|**

**1 + X 1**

**. |**

**| XX**

**# T|T XX**

**#### | XXX**

**.######## | X**

**############# S| XX**

**.############# |S XXX**

**.##################### |**

**###################### M| XXX**

**.############### | XXXXXX**

**.########### | XXXXX**

**0 ##### +M XXXX 0**

**.### S| XXXX**

**####### | XXXXX**

**#### | XXXXXXXXXXX**

**.### T| XXXXXXX**

**## |S XXXXX**

**. | XXX**

**| X**

**. | X**

**|T**

**. |**

**|**

**-1 . + -1**

**|**

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**|**

**-2 + -2**

**<less> --------------------- Person -+- Item ----------------- <frequent>**

**EACH "#" IN THE Person COLUMN IS 3 Person: EACH "." IS 1 TO 2**

**TABLE 1.2 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU173WS.TXTn Oct 15 20:40 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**Person - MAP - Item**

**<more>|<rare>**

**1 + A47**

**. |**

**| A21 A28**

**. T|T A24 A29**

**## | A22 A34 A48**

**.#### | A25**

**.###### S| A23 A33**

**.###### |S A27 A30 A5**

**.########## |**

**########### M| A26 A40 A42**

**.####### | A15 A20 A35 A41 A49 A61**

**.##### | A31 A44 A46 A7 A8**

**0 .## +M A32 A43 A45 A50**

**.# S| A14 A19 A51 A6**

**.### | A2 A37 A39 A60 A62**

**## | A13 A16 A18 A3 A36 A53 A54 A55 A56 A65 A9**

**.# T| A12 A38 A52 A57 A58 A59 A68**

**# |S A1 A11 A17 A4 A64**

**. | A63 A67 A69**

**| A66**

**. | A10**

**|T**

**. |**

**|**

**-1 . +**

**<less>|<frequ>**

**EACH "#" IS 6. EACH "." IS 1 TO 5**

**TABLE 1.3 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU173WS.TXTn Oct 15 20:40 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**Item - MAP - Person**

**<rare>|<more>**

**1 X +**

**| 6 8**

**XX |**

**XX T|T 2 3 7**

**XXX | 0 2 3 4 5 5 5 6 7 8 9 9**

**X | 0 0 0 1 1 2 2 2 2 2 3 3 3 3 4 5 5 6 6**

**6 6 7 7 8 8 9**

**XX |S 0 0 0 1 1 1 1 2 2 3 3 3 3 3 4 4 4 5**

**5 6 6 6 6 6 6 7 7 7 7 8 8 8 8 9 9 9 9**

**9**

**XXX S| 0 0 1 1 1 1 2 2 3 3 3 3 4 4 4 4 4 5 5**

**5 5 5 6 6 6 6 7 7 7 7 7 7 8 8 9 9 9 9**

**9 9 9**

**| 0 0 0 0 0 0 0 0 0 0 1 1 1 1 2 2 2**

**2 2 2 3 3 3 4 4 4 4 4 4 4 4 5 5 5 5 5**

**5 5 6 6 6 6 6 6 6 6 7 7 7 7 8 8 8 8 8**

**8 8 9 9 9 9 9**

**XXX |M 0 0 0 0 0 0 0 1 1 1 1 1 1 2 2 2 2 2**

**2 2 3 3 3 3 3 3 3 3 4 4 4 4 4 4 4 5 5**

**5 6 6 6 6 6 7 7 7 7 7 7 7 8 8 8 8 8 8**

**9 9 9 9 9 9 9 9 9**

**XXXXXX | 0 0 1 1 1 1 1 1 1 2 2 2 2 2 3 3**

**3 3 4 4 4 4 4 5 5 5 5 5 5 6 6 6 7 7 7**

**7 8 8 8 8 8 9 9 9**

**XXXXX | 0 0 0 1 1 1 1 1 1 2 2 2 4 4**

**4 5 5 5 5 5 6 6 7 7 7 8 8 8 8**

**0 XXXX M+ 0 2 2 3 3 3 7 7 8 9**

**XXXX |S 0 1 2 3 4 8 9**

**XXXXX |**

**5**

**XXXXXXXXXXX | 0 1**

**XXXXXXX |T**

**XXXXX S|**

**XXX |**

**X |**

**X |**

**T|**

**|**

**|**

**-1 +**

**<frequ>|<less>**

**TABLE 1.4 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU173WS.TXTn Oct 15 20:40 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**MAP OF Person AND Item**

**MEASURE | BOTTOM P=50% | MEASURE | TOP P=50% MEASURE**

**<more> ----- Person -+- Item -+- Item -+- Item <rare>**

**3 + + + 3**

**| | |**

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**| | |**

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**| | |**

**| | | X**

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**| | | XX**

**| | | XX**

**| | | XXX**

**2 + + + X 2**

**| | | XX**

**| | | XXX**

**| | |**

**| | | XXX**

**| | | XXXXXX**

**| | | XXXXX**

**| | | XXXX**

**| | | XXXX**

**| | | XXXXX**

**| | | XXXXXXXXXXX**

**| | | XXXXXXX**

**1 + + X + XXXXX 1**

**. | | | XXX**

**| | XX | X**

**. | | XX | X**

**## | | XXX |**

**.#### | | X |**

**.###### | | XX |**

**.###### | | XXX |**

**.########## | | |**

**########### | | XXX |**

**.####### | | XXXXXX |**

**.##### | | XXXXX |**

**0 .## + + XXXX + 0**

**.# | | XXXX |**

**.### | | XXXXX |**

**## | | XXXXXXXXXXX |**

**.# | X | XXXXXXX |**

**# | | XXXXX |**

**. | XX | XXX |**

**| XX | X |**

**. | XXX | X |**

**| X | |**

**. | XX | |**

**| XXX | |**

**-1 . + + + -1**

**| XXX | |**

**| XXXXXX | |**

**| XXXXX | |**

**| XXXX | |**

**| XXXX | |**

**| XXXXX | |**

**| XXXXXXXXXXX | |**

**| XXXXXXX | |**

**| XXXXX | |**

**| XXX | |**

**| X | |**

**-2 + X + + -2**

**<less> ----- Person -+- Item -+- Item -+- Item <frequ>**

**EACH "#" IN THE Person COLUMN IS 6 Person: EACH "." IS 1 TO 5**

**TABLE 1.12 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU173WS.TXTr Oct 15 20:40 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**Person - MAP - Item**

**<more>||<frequ>**

**1 ++**

**. ||**

**. T||T**

**.# || A1**

**.### || A6**

**.###### S|| A6 A6 A6 A6**

**######## ||S A1 A1 A1 A1 A4**

**.########### || A3 A3 A3 A5 A5 A5 A5 A5 A5 A5 A6 A6 A9**

**.######### M|| A1 A1 A1 A2 A3 A5 A6 A6**

**####### || A1 A1 A3 A5 A6**

**0 .## ++M A3 A4 A4 A5**

**.## S|| A3 A3 A4 A4 A4 A7 A8**

**.### || A1 A2 A2 A4 A4 A6**

**.# T|| A4**

**# ||S A2 A3 A5**

**. || A2 A3**

**|| A2 A2**

**. || A2 A3 A4**

**. ||T A2 A2 A2**

**||**

**-1 . ++ A4**

**<less>||<rare>**

**EACH "#" IS 7. EACH "." IS 1 TO 6**

**LAMPIRAN 7: SUMMARY OF CATEGORY STRUCTURE.**

**SUMMARY OF CATEGORY STRUCTURE. Model="R"**

**-------------------------------------------------------------------**

**|CATEGORY OBSERVED|OBSVD SAMPLE|INFIT OUTFIT|| ANDRICH |CATEGORY|**

**|LABEL SCORE COUNT %|AVRGE EXPECT| MNSQ MNSQ||THRESHOLD| MEASURE|**

**|-------------------+------------+------------++---------+--------|**

**| 1 1 2236 8| -.11 -.26| 1.16 1.16|| NONE |( -2.35)| 1**

**| 2 2 5058 18| -.08 -.02| .87 .85|| -.96 | -.94 | 2**

**| 3 3 7578 26| .16 .19| .93 .92|| -.32 | -.05 | 3**

**| 4 4 9338 33| .39 .37| .96 .99|| .08 | .91 | 4**

**| 5 5 4416 15| .53 .51| 1.02 1.05|| 1.19 |( 2.50)| 5**

**|-------------------+------------+------------++---------+--------|**

**|MISSING 9 0| .05 | || | |**

**-------------------------------------------------------------------**

**OBSERVED AVERAGE is mean of measures in category. It is not a parameter estimate.**

**----------------------------------------------------------------------------------**

**|CATEGORY STRUCTURE | SCORE-TO-MEASURE | 50% CUM.| COHERENCE |ESTIM|**

**| LABEL MEASURE S.E. | AT CAT. ----ZONE----|PROBABLTY| M->C C->M RMSR |DISCR|**

**|------------------------+---------------------+---------+-----------------+-----|**

**| 1 NONE |( -2.35) -INF -1.66| | 44% 1% 1.9874| | 1**

**| 2 -.96 .02 | -.94 -1.66 -.47| -1.33 | 37% 20% 1.0852| .78| 2**

**| 3 -.32 .01 | -.05 -.47 .38| -.41 | 31% 55% .5419| .98| 3**

**| 4 .08 .01 | .91 .38 1.73| .28 | 45% 59% .6744| 1.19| 4**

**| 5 1.19 .02 |( 2.50) 1.73 +INF | 1.46 | 0% 0% 1.4510| 1.03| 5**

**----------------------------------------------------------------------------------**

**M->C = Does Measure imply Category?**

**C->M = Does Category imply Measure?**

**CATEGORY PROBABILITIES: MODES - Structure measures at intersections**

**P -+---------+---------+---------+---------+---------+---------+-**

**R 1.0 + +**

**O | |**

**B |1 |**

**A | 111 55|**

**B .8 + 111 555 +**

**I | 111 555 |**

**L | 11 55 |**

**I | 1 55 |**

**T .6 + 11 5 +**

**Y | 1 55 |**

**.5 + 11 55 +**

**O | 1 444 5 |**

**F .4 + 11 4444 \*\*444 +**

**| 22222\*2222 44 5 444 |**

**R | 2222 11 3\*\*33\*\*333 55 444 |**

**E | 222 3\* \*\*2 3\*\* 444 |**

**S .2 + 222 333 1\*4 22 5 33 444 +**

**P | 2222 333 44 11 5\*\* 333 444|**

**O |22 333 444 1\*5 222 3333 |**

**N | 3333333 44444 55555 11111 22222 3333333 |**

**S .0 +\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*555555555 1111111\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*+**

**E -+---------+---------+---------+---------+---------+---------+-**

**-3 -2 -1 0 1 2 3**

**Person [MINUS] Item MEASURE**

**TABLE 10.1 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU146WS.TXTr Oct 5 7:30 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**Person: REAL SEP.: 1.95 REL.: .79 ... Item: REAL SEP.: 7.65 REL.: .98**

**Item STATISTICS: MISFIT ORDER**

**-------------------------------------------------------------------------------------------**

**|ENTRY TOTAL TOTAL MODEL| INFIT | OUTFIT |PT-MEASURE |EXACT MATCH| |**

**|NUMBER SCORE COUNT MEASURE S.E. |MNSQ ZSTD|MNSQ ZSTD|CORR. EXP.| OBS% EXP%| Item |**

**|------------------------------------+----------+----------+-----------+-----------+------|**

**| 33 1143 415 .49 .05|2.95 9.9|3.06 9.9|A-.17 .28| 5.1 31.3| A33 |**

**| 34 1056 415 .67 .05|2.29 9.9|2.45 9.9|B-.14 .28| 14.0 31.9| A34 |**

**| 59 1525 415 -.34 .05|1.69 8.8|1.79 9.7|C-.14 .28| 27.0 39.2| A59 |**

**| 32 1387 415 -.02 .05|1.59 8.4|1.60 8.5|D .17 .29| 21.0 33.2| A32 |**

**| 53 1503 415 -.29 .05|1.56 7.4|1.54 7.2|E .55 .28| 28.4 38.4| A53 |**

**| 22 1071 415 .64 .05|1.29 4.7|1.38 6.1|F-.37 .28| 28.7 31.7| A22 |**

**| 35 1312 415 .14 .05|1.30 4.8|1.32 5.0|G .15 .29| 23.9 31.4| A35 |**

**| 21 984 415 .83 .05|1.20 3.2|1.31 4.7|H-.39 .27| 34.9 33.2| A21 |**

**| 60 1447 415 -.15 .05|1.27 4.0|1.30 4.4|I .02 .29| 31.8 35.9| A60 |**

**| 27 1178 415 .42 .05|1.25 4.2|1.27 4.4|J-.03 .29| 23.4 31.3| A27 |**

**| 45 1361 415 .04 .05|1.21 3.3|1.23 3.6|K .29 .29| 23.9 32.4| A45 |**

**| 30 1162 414 .44 .05|1.18 3.1|1.21 3.6|L-.12 .29| 29.7 31.3| A30 |**

**| 40 1269 415 .23 .05|1.19 3.1|1.20 3.4|M .22 .29| 21.7 31.0| A40 |**

**| 43 1369 415 .02 .05|1.18 2.9|1.20 3.2|N .24 .29| 26.3 32.7| A43 |**

**| 55 1489 415 -.25 .05|1.19 2.8|1.20 2.9|O .51 .28| 37.1 37.9| A55 |**

**| 49 1290 415 .19 .05|1.18 3.0|1.20 3.3|P .00 .29| 27.7 31.2| A49 |**

**| 10 1643 415 -.66 .05|1.15 2.0|1.16 2.2|Q .24 .26| 44.3 41.2| A10 |**

**| 24 1032 414 .71 .05|1.12 2.0|1.16 2.6|R-.18 .27| 31.9 32.1| A24 |**

**| 26 1266 415 .24 .05|1.14 2.4|1.16 2.7|S .08 .29| 29.9 31.0| A26 |**

**| 54 1500 415 -.28 .05|1.13 2.0|1.14 2.1|T .38 .28| 34.9 38.3| A54 |**

**| 46 1337 414 .08 .05|1.09 1.5|1.11 1.8|U .22 .29| 26.3 31.9| A46 |**

**| 42 1249 415 .27 .05|1.09 1.6|1.11 1.8|V .04 .29| 33.3 31.1| A42 |**

**| 37 1442 415 -.14 .05|1.08 1.4|1.10 1.5|W .38 .29| 36.1 35.7| A37 |**

**| 23 1148 415 .48 .05|1.07 1.3|1.09 1.7|X-.19 .28| 29.9 31.3| A23 |**

**| 41 1314 414 .13 .05|1.06 1.0|1.08 1.4|Y .14 .29| 28.0 31.5| A41 |**

**| 47 916 415 .98 .05| .98 -.3|1.02 .3|Z .07 .25| 41.4 34.7| A47 |**

**| BETTER FITTING OMITTED +----------+----------+ | | |**

**| 8 1351 415 .06 .05| .89 -2.0| .89 -2.0| .29 .29| 36.6 32.2| A8 |**

**| 17 1548 415 -.40 .05| .87 -2.0| .83 -2.6|z .62 .28| 40.2 39.7| A17 |**

**| 6 1415 415 -.08 .05| .83 -2.9| .84 -2.8|y .29 .29| 43.9 34.5| A6 |**

**| 5 1189 415 .39 .05| .82 -3.4| .83 -3.2|x .09 .29| 39.5 31.2| A5 |**

**| 39 1448 415 -.16 .05| .81 -3.3| .82 -3.1|w .41 .29| 42.4 35.9| A39 |**

**| 15 1300 415 .16 .05| .79 -3.9| .80 -3.8|v .27 .29| 35.7 31.4| A15 |**

**| 69 1572 415 -.46 .05| .77 -3.7| .79 -3.3|u .21 .28| 43.9 40.2| A69 |**

**| 48 1051 415 .68 .05| .78 -4.2| .78 -4.0|t-.07 .27| 35.4 32.0| A48 |**

**| 66 1626 415 -.61 .05| .78 -3.4| .78 -3.3|s .39 .27| 53.7 41.0| A66 |**

**| 4 1541 415 -.38 .05| .78 -3.6| .76 -4.0|r .63 .28| 50.4 39.6| A4 |**

**| 12 1529 414 -.36 .05| .73 -4.4| .71 -4.8|q .66 .28| 52.2 39.4| A12 |**

**| 7 1349 415 .06 .05| .72 -5.3| .73 -5.1|p .30 .29| 37.6 32.2| A7 |**

**| 25 1088 414 .60 .05| .71 -5.7| .71 -5.8|o .23 .28| 39.6 31.5| A25 |**

**| 3 1500 415 -.28 .05| .70 -5.2| .68 -5.5|n .60 .28| 50.4 38.3| A3 |**

**| 18 1479 415 -.23 .05| .69 -5.4| .69 -5.4|m .60 .29| 46.0 37.4| A18 |**

**| 63 1599 415 -.53 .05| .67 -5.4| .68 -5.1|l .27 .27| 54.0 40.6| A63 |**

**| 9 1503 415 -.29 .05| .67 -5.8| .65 -6.1|k .62 .28| 49.9 38.4| A9 |**

**| 20 1299 414 .16 .05| .64 -7.2| .66 -6.6|j .23 .29| 52.2 31.4| A20 |**

**| 16 1478 415 -.23 .05| .66 -6.1| .66 -6.0|i .55 .29| 43.6 37.4| A16 |**

**| 65 1497 415 -.27 .05| .66 -6.0| .65 -6.2|h .65 .28| 48.7 38.1| A65 |**

**| 19 1402 415 -.05 .05| .64 -6.8| .65 -6.6|g .46 .29| 43.4 34.0| A19 |**

**| 64 1571 415 -.46 .05| .63 -6.3| .64 -6.1|f .24 .28| 48.9 40.2| A64 |**

**| 51 1406 415 -.06 .05| .62 -7.3| .63 -7.0|e .28 .29| 45.3 34.2| A51 |**

**| 50 1372 415 .01 .05| .60 -7.9| .60 -7.8|d .49 .29| 44.1 32.6| A50 |**

**| 14 1433 415 -.12 .05| .59 -7.9| .59 -7.7|c .48 .29| 46.7 35.3| A14 |**

**| 13 1481 415 -.23 .05| .58 -7.8| .58 -7.6|b .62 .28| 48.7 37.4| A13 |**

**| 62 1469 415 -.21 .05| .54 -8.8| .54 -8.8|a .60 .29| 49.9 36.9| A62 |**

**|------------------------------------+----------+----------+-----------+-----------+------|**

**| MEAN 1369.8 414.9 .00 .05|1.00 -.8|1.01 -.6| | 37.4 35.3| |**

**| S.D. 179.1 .3 .39 .00| .38 4.5| .40 4.6| | 9.7 3.4| |**

**-------------------------------------------------------------------------------------------**

**TABLE 10.3 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU146WS.TXTr Oct 5 7:30 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**Item CATEGORY/OPTION/DISTRACTOR FREQUENCIES: MISFIT ORDER**

**---------------------------------------------------------------------**

**|ENTRY DATA SCORE | DATA | AVERAGE S.E. OUTF PTMEA| |**

**|NUMBER CODE VALUE | COUNT % | ABILITY MEAN MNSQ CORR.| Item |**

**|--------------------+------------+--------------------------+------|**

**| 33 A 1 1 | 185 45 | .28 .01 1.2 .16 |A33 |**

**| 2 2 | 35 8 | .25\* .02 1.0 .02 | |**

**| 3 3 | 26 6 | .20\* .08 2.4 -.03 | |**

**| 4 4 | 35 8 | .18\* .04 1.3 -.05 | |**

**| 5 5 | 134 32 | .17\* .03 1.4 -.13 | |**

**| | | | |**

**| 34 B 1 1 | 173 42 | .27 .01 1.2 .13 |A34 |**

**| 2 2 | 48 12 | .17\* .04 .9 -.08 | |**

**| 3 3 | 56 13 | .23\* .04 1.4 .00 | |**

**| 4 4 | 71 17 | .31 .03 1.0 .13 | |**

**| 5 5 | 67 16 | .08\* .05 1.6 -.23 | |**

**| | | | |**

**| 59 C 1 1 | 21 5 | .36 .08 1.6 .11 |A59 |**

**| 2 2 | 70 17 | .33\* .03 1.4 .16 | |**

**| 3 3 | 60 14 | .25\* .04 1.2 .03 | |**

**| 4 4 | 136 33 | .12\* .02 1.6 -.27 | |**

**| 5 5 | 128 31 | .26\* .02 1.1 .07 | |**

**| | | | |**

**| 32 D 1 1 | 38 9 | .23 .04 1.3 .01 |A32 |**

**| 2 2 | 96 23 | .16\* .03 1.0 -.14 | |**

**| 3 3 | 83 20 | .21\* .03 1.0 -.03 | |**

**| 4 4 | 82 20 | .19\* .03 1.4 -.06 | |**

**| 5 5 | 116 28 | .32 .03 1.0 .21 | |**

**| | | | |**

**| 53 E 1 1 | 55 13 | -.15 .05 .9 -.52 |A53 |**

**| 2 2 | 41 10 | .17 .05 1.1 -.07 | |**

**| 3 3 | 56 13 | .20 .03 .9 -.04 | |**

**| 4 4 | 117 28 | .27 .02 .8 .10 | |**

**| 5 5 | 146 35 | .36 .01 .9 .35 | |**

**| | | | |**

**| 22 F 1 1 | 59 14 | .38 .02 1.3 .22 |A22 |**

**| 2 2 | 162 39 | .27\* .02 1.2 .12 | |**

**| 3 3 | 108 26 | .24\* .03 1.2 .03 | |**

**| 4 4 | 66 16 | .04\* .04 1.7 -.29 | |**

**| 5 5 | 20 5 | -.01\* .09 1.7 -.19 | |**

**| | | | |**

**| 35 G 1 1 | 44 11 | .27 .04 1.3 .05 |A35 |**

**| 2 2 | 91 22 | .19\* .02 1.0 -.07 | |**

**| 3 3 | 96 23 | .13\* .03 1.0 -.19 | |**

**| 4 4 | 122 29 | .23\* .02 1.2 .00 | |**

**| 5 5 | 62 15 | .40 .04 1.0 .26 | |**

**| | | | |**

**| 21 H 1 1 | 73 18 | .34 .03 1.3 .19 |A21 |**

**| 2 2 | 189 46 | .30\* .01 1.1 .24 | |**

**| 3 3 | 89 21 | .14\* .03 1.7 -.17 | |**

**| 4 4 | 54 13 | -.02\* .04 1.9 -.34 | |**

**| 5 5 | 10 2 | .19\* .11 1.3 -.02 | |**

**| | | | |**

**| 60 I 1 1 | 25 6 | .33 .06 1.5 .09 |A60 |**

**| 2 2 | 53 13 | .15\* .05 1.1 -.11 | |**

**| 3 3 | 113 27 | .22\* .02 .9 -.02 | |**

**| 4 4 | 143 34 | .24\* .02 1.1 .03 | |**

**| 5 5 | 81 20 | .24\* .04 1.1 .02 | |**

**| | | | |**

**| 27 J 1 1 | 45 11 | .22 .07 1.3 -.01 |A27 |**

**| 2 2 | 143 34 | .25 .02 1.1 .06 | |**

**| 3 3 | 100 24 | .21\* .03 1.2 -.03 | |**

**| 4 4 | 88 21 | .21\* .03 1.2 -.03 | |**

**| 5 5 | 39 9 | .23\* .05 1.2 .00 | |**

**| | | | |**

**| 45 K 1 1 | 39 9 | .00 .07 1.0 -.26 |A45 |**

**| 2 2 | 80 19 | .20 .04 1.1 -.05 | |**

**| 3 3 | 91 22 | .22 .03 .9 -.01 | |**

**| 4 4 | 136 33 | .25 .02 1.0 .06 | |**

**| 5 5 | 69 17 | .36 .03 1.0 .20 | |**

**| | | | |**

**| 30 L \*\*\* | 1 0#| .40 .03 |A30 |**

**| 1 1 | 45 11 | .34 .03 1.3 .14 | |**

**| 2 2 | 134 32 | .21\* .02 1.1 -.03 | |**

**| 3 3 | 118 29 | .24\* .02 .9 .04 | |**

**| 4 4 | 90 22 | .19\* .03 1.4 -.07 | |**

**| 5 5 | 27 7 | .17\* .08 1.4 -.05 | |**

**| | | | |**

**| 40 M 1 1 | 50 12 | .16 .06 1.2 -.09 |A40 |**

**| 2 2 | 99 24 | .17 .03 1.1 -.11 | |**

**| 3 3 | 84 20 | .19 .03 1.0 -.06 | |**

**| 4 4 | 141 34 | .27 .01 1.0 .10 | |**

**| 5 5 | 41 10 | .38 .03 1.0 .18 | |**

**| | | | |**

**| 43 N 1 1 | 34 8 | .02 .08 1.1 -.22 |A43 |**

**| 2 2 | 77 19 | .20 .04 1.2 -.04 | |**

**| 3 3 | 105 25 | .22 .02 .9 -.01 | |**

**| 4 4 | 129 31 | .24 .02 1.1 .03 | |**

**| 5 5 | 70 17 | .35 .03 1.0 .19 | |**

**| | | | |**

**| 55 O 1 1 | 33 8 | -.08 .08 1.0 -.33 |A55 |**

**| 2 2 | 50 12 | .04 .04 .9 -.25 | |**

**| 3 3 | 84 20 | .13 .03 .8 -.17 | |**

**| 4 4 | 136 33 | .32 .02 .6 .23 | |**

**| 5 5 | 112 27 | .37 .02 .9 .30 | |**

**| | | | |**

**| 49 P 1 1 | 27 7 | .24 .07 1.3 .01 |A49 |**

**| 2 2 | 113 27 | .26 .02 1.2 .08 | |**

**| 3 3 | 111 27 | .17\* .03 1.0 -.13 | |**

**| 4 4 | 116 28 | .23\* .03 1.2 .00 | |**

**| 5 5 | 48 12 | .28 .05 1.2 .07 | |**

**| | | | |**

**| 10 Q 1 1 | 15 4 | .19 .09 1.3 -.03 |A10 |**

**| 2 2 | 21 5 | .13\* .06 1.1 -.08 | |**

**| 3 3 | 61 15 | .09\* .04 .8 -.21 | |**

**| 4 4 | 187 45 | .22 .02 1.0 -.04 | |**

**| 5 5 | 131 32 | .33 .02 1.0 .25 | |**

**| | | | |**

**| 24 R \*\*\* | 1 0#| .69 .08 |A24 |**

**| 1 1 | 64 15 | .33 .03 1.3 .16 | |**

**| 2 2 | 167 40 | .24\* .02 1.1 .03 | |**

**| 3 3 | 114 28 | .20\* .02 1.3 -.05 | |**

**| 4 4 | 53 13 | .16\* .04 1.4 -.09 | |**

**| 5 5 | 16 4 | .11\* .09 1.5 -.09 | |**

**| | | | |**

**| 26 S 1 1 | 40 10 | .24 .07 1.3 .01 |A26 |**

**| 2 2 | 98 24 | .19\* .03 1.1 -.07 | |**

**| 3 3 | 117 28 | .21\* .02 1.0 -.04 | |**

**| 4 4 | 121 29 | .25 .02 1.1 .04 | |**

**| 5 5 | 39 9 | .31 .05 1.1 .09 | |**

**| | | | |**

**| 54 T 1 1 | 25 6 | .04 .07 1.1 -.17 |A54 |**

**| 2 2 | 46 11 | .10 .05 1.0 -.16 | |**

**| 3 3 | 92 22 | .15 .03 .9 -.15 | |**

**| 4 4 | 153 37 | .23 .02 1.0 .01 | |**

**| 5 5 | 99 24 | .40 .02 .9 .35 | |**

**| | | | |**

**| 46 U \*\*\* | 1 0#| .27 .01 |A46 |**

**| 1 1 | 26 6 | .08 .09 1.1 -.13 | |**

**| 2 2 | 99 24 | .20 .03 1.1 -.05 | |**

**| 3 3 | 98 24 | .19\* .03 .9 -.07 | |**

**| 4 4 | 136 33 | .23 .02 1.2 .00 | |**

**| 5 5 | 55 13 | .40 .03 .9 .24 | |**

**| | | | |**

**| 42 V 1 1 | 35 8 | .37 .06 1.5 .16 |A42 |**

**| 2 2 | 103 25 | .18\* .03 1.1 -.09 | |**

**| 3 3 | 140 34 | .18\* .02 1.1 -.11 | |**

**| 4 4 | 97 23 | .23\* .02 1.2 -.01 | |**

**| 5 5 | 40 10 | .37\* .03 1.0 .17 | |**

**| | | | |**

**| 37 W 1 1 | 20 5 | .04 .09 1.1 -.15 |A37 |**

**| 2 2 | 72 17 | .13 .03 1.0 -.15 | |**

**| 3 3 | 104 25 | .12\* .03 .8 -.23 | |**

**| 4 4 | 129 31 | .29 .02 .8 .16 | |**

**| 5 5 | 90 22 | .38 .03 1.0 .29 | |**

**| | | | |**

**| 23 X 1 1 | 40 10 | .44 .03 1.5 .24 |A23 |**

**| 2 2 | 137 33 | .22\* .02 1.1 -.01 | |**

**| 3 3 | 135 33 | .20\* .03 1.7 -.07 | |**

**| 4 4 | 86 21 | .20\* .03 1.3 -.05 | |**

**| 5 5 | 17 4 | .13\* .08 1.4 -.07 | |**

**| | | | |**

**| 41 Y \*\*\* | 1 0#| .00 -.04 |A41 |**

**| 1 1 | 27 7 | .22 .09 1.3 .00 | |**

**| 2 2 | 94 23 | .20\* .03 1.1 -.05 | |**

**| 3 3 | 119 29 | .17\* .03 1.0 -.13 | |**

**| 4 4 | 128 31 | .25 .02 1.0 .06 | |**

**| 5 5 | 46 11 | .36 .03 1.0 .16 | |**

**| | | | |**

**| 47 Z 1 1 | 104 25 | .19 .03 1.1 -.07 |A47 |**

**| 2 2 | 167 40 | .22 .02 .8 -.03 | |**

**| 3 3 | 111 27 | .28 .03 1.1 .11 | |**

**| 4 4 | 20 5 | .24\* .07 1.2 .01 | |**

**| 5 5 | 13 3 | .18\* .07 1.3 -.03 | |**

**| | | | |**

**| 8 1 1 | 22 5 | .11 .07 1.1 -.10 |A8 |**

**| 2 2 | 84 20 | .12 .04 1.0 -.20 | |**

**| 3 3 | 111 27 | .20 .02 .8 -.05 | |**

**| 4 4 | 162 39 | .28 .02 1.0 .16 | |**

**| 5 5 | 36 9 | .39 .05 1.0 .18 | |**

**| | | | |**

**| 17 z 1 1 | 20 5 | -.24 .03 .7 -.38 |A17 |**

**| 2 2 | 25 6 | -.24 .06 .5 -.42 | |**

**| 3 3 | 107 26 | .17 .02 .9 -.12 | |**

**| 4 4 | 158 38 | .29 .02 .7 .16 | |**

**| 5 5 | 105 25 | .40 .02 .9 .36 | |**

**| | | | |**

**| 6 y 1 1 | 15 4 | .18 .10 1.2 -.03 |A6 |**

**| 2 2 | 62 15 | .09\* .04 .9 -.21 | |**

**| 3 3 | 122 29 | .17\* .02 .8 -.12 | |**

**| 4 4 | 170 41 | .28 .02 1.0 .16 | |**

**| 5 5 | 46 11 | .38 .04 1.0 .20 | |**

**| | | | |**

**| 5 x 1 1 | 34 8 | .27 .06 1.3 .04 |A5 |**

**| 2 2 | 106 26 | .18\* .03 1.0 -.09 | |**

**| 3 3 | 171 41 | .20\* .02 1.2 -.07 | |**

**| 4 4 | 90 22 | .31 .03 1.0 .15 | |**

**| 5 5 | 14 3 | .27\* .09 1.2 .03 | |**

**| | | | |**

**| 39 w 1 1 | 17 4 | -.01 .10 1.0 -.18 |A39 |**

**| 2 2 | 41 10 | .04 .05 .9 -.22 | |**

**| 3 3 | 145 35 | .17 .02 .9 -.16 | |**

**| 4 4 | 146 35 | .29 .02 .9 .16 | |**

**| 5 5 | 66 16 | .41 .03 .9 .27 | |**

**| | | | |**

**| 15 v 1 1 | 27 7 | .14 .06 1.1 -.08 |A15 |**

**| 2 2 | 76 18 | .16 .03 1.0 -.12 | |**

**| 3 3 | 150 36 | .18 .02 1.1 -.14 | |**

**| 4 4 | 139 33 | .31 .02 .9 .20 | |**

**| 5 5 | 23 6 | .44 .05 .9 .18 | |**

**| | | | |**

**| 69 u 1 1 | 3 1 | .06 .19 1.1 -.05 |A69 |**

**| 2 2 | 22 5 | .18 .05 1.1 -.04 | |**

**| 3 3 | 120 29 | .17\* .03 1.0 -.13 | |**

**| 4 4 | 185 45 | .22 .02 1.1 -.04 | |**

**| 5 5 | 85 20 | .35 .03 1.0 .23 | |**

**| | | | |**

**| 48 t 1 1 | 40 10 | .35 .05 1.3 .14 |A48 |**

**| 2 2 | 171 41 | .23\* .02 1.1 -.01 | |**

**| 3 3 | 154 37 | .20\* .02 1.3 -.08 | |**

**| 4 4 | 43 10 | .19\* .03 1.3 -.05 | |**

**| 5 5 | 7 2 | .53 .08 .8 .14 | |**

**| | | | |**

**| 66 s 1 1 | 8 2 | .00 .15 1.1 -.12 |A66 |**

**| 2 2 | 20 5 | .03 .08 1.0 -.16 | |**

**| 3 3 | 68 16 | .07 .04 .8 -.25 | |**

**| 4 4 | 221 53 | .23 .02 .8 .02 | |**

**| 5 5 | 98 24 | .39 .03 .9 .32 | |**

**| | | | |**

**| 4 r 1 1 | 20 5 | -.18 .05 .8 -.33 |A4 |**

**| 2 2 | 25 6 | -.21\* .06 .6 -.40 | |**

**| 3 3 | 94 23 | .14 .03 .9 -.17 | |**

**| 4 4 | 191 46 | .28 .01 .6 .16 | |**

**| 5 5 | 85 20 | .45 .02 .9 .40 | |**

**| | | | |**

**| 12 q ` \*\*\* | 1 0#| .33 .02 |A12 |**

**| 1 1 | 14 3 | -.25 .07 .7 -.31 | |**

**| 2 2 | 42 10 | -.19 .05 .6 -.49 | |**

**| 3 3 | 82 20 | .14 .03 .8 -.15 | |**

**| 4 4 | 195 47 | .31 .01 .6 .27 | |**

**| 5 5 | 81 20 | .42 .02 .9 .33 | |**

**| | | | |**

**| 7 p 1 1 | 12 3 | .25 .10 1.3 .02 |A7 |**

**| 2 2 | 88 21 | .09\* .03 .9 -.26 | |**

**| 3 3 | 121 29 | .18\* .02 .8 -.10 | |**

**| 4 4 | 172 41 | .31 .02 .9 .25 | |**

**| 5 5 | 22 5 | .38 .07 1.0 .13 | |**

**| | | | |**

**| 25 o \*\*\* | 1 0#| .20 .00 |A25 |**

**| 1 1 | 28 7 | .19 .09 1.2 -.04 | |**

**| 2 2 | 184 44 | .18\* .02 1.0 -.15 | |**

**| 3 3 | 131 32 | .22 .02 1.1 -.03 | |**

**| 4 4 | 56 14 | .38 .03 .9 .21 | |**

**| 5 5 | 15 4 | .42 .07 1.0 .13 | |**

**| | | | |**

**| 3 n 1 1 | 15 4 | -.36 .07 .6 -.40 |A3 |**

**| 2 2 | 42 10 | -.09 .04 .7 -.37 | |**

**| 3 3 | 96 23 | .19 .03 .9 -.08 | |**

**| 4 4 | 197 47 | .29 .01 .8 .22 | |**

**| 5 5 | 65 16 | .42 .02 .9 .30 | |**

**| | | | |**

**| 18 m 1 1 | 16 4 | -.28 .07 .7 -.36 |A18 |**

**| 2 2 | 36 9 | -.08 .05 .7 -.33 | |**

**| 3 3 | 130 31 | .16 .02 .9 -.16 | |**

**| 4 4 | 164 40 | .31 .01 .7 .23 | |**

**| 5 5 | 69 17 | .44 .02 .9 .34 | |**

**| | | | |**

**| 63 l 1 1 | 3 1 | .37 .11 1.6 .04 |A63 |**

**| 2 2 | 22 5 | .04\* .09 1.0 -.16 | |**

**| 3 3 | 81 20 | .12\* .03 .8 -.19 | |**

**| 4 4 | 236 57 | .24\* .02 .9 .06 | |**

**| 5 5 | 73 18 | .35\* .03 1.0 .20 | |**

**| | | | |**

**| 9 k 1 1 | 15 4 | -.28 .05 .7 -.35 |A9 |**

**| 2 2 | 38 9 | -.09 .05 .7 -.35 | |**

**| 3 3 | 99 24 | .12 .03 .8 -.21 | |**

**| 4 4 | 200 48 | .31 .01 .6 .29 | |**

**| 5 5 | 63 15 | .43 .03 .9 .31 | |**

**| | | | |**

**| 20 j \*\*\* | 1 0#| .01 -.04 |A20 |**

**| 1 1 | 18 4 | .34 .10 1.5 .08 | |**

**| 2 2 | 56 14 | .14\* .04 1.0 -.12 | |**

**| 3 3 | 215 52 | .16\* .02 .8 -.24 | |**

**| 4 4 | 101 24 | .34 .02 .9 .22 | |**

**| 5 5 | 24 6 | .47 .04 .9 .21 | |**

**| | | | |**

**| 16 i 1 1 | 13 3 | -.26 .10 .7 -.31 |A16 |**

**| 2 2 | 37 9 | -.05 .05 .7 -.31 | |**

**| 3 3 | 130 31 | .17 .02 .9 -.15 | |**

**| 4 4 | 174 42 | .29 .02 .8 .19 | |**

**| 5 5 | 61 15 | .45 .02 .9 .33 | |**

**| | | | |**

**| 65 h 1 1 | 15 4 | -.27 .06 .7 -.34 |A65 |**

**| 2 2 | 38 9 | -.11 .05 .6 -.39 | |**

**| 3 3 | 108 26 | .12 .02 .7 -.22 | |**

**| 4 4 | 188 45 | .32 .01 .7 .29 | |**

**| 5 5 | 66 16 | .45 .02 .9 .35 | |**

**| | | | |**

**| 19 g 1 1 | 11 3 | -.13 .10 .8 -.21 |A19 |**

**| 2 2 | 53 13 | -.01 .05 .8 -.32 | |**

**| 3 3 | 166 40 | .21 .02 .9 -.05 | |**

**| 4 4 | 138 33 | .29 .02 .9 .15 | |**

**| 5 5 | 47 11 | .46 .03 .9 .30 | |**

**| | | | |**

**| 64 f 1 1 | 2 0 | .01 .46 1.1 -.05 |A64 |**

**| 2 2 | 18 4 | -.01\* .09 .9 -.18 | |**

**| 3 3 | 113 27 | .19 .03 1.0 -.09 | |**

**| 4 4 | 216 52 | .24 .02 1.0 .03 | |**

**| 5 5 | 66 16 | .34 .04 1.0 .17 | |**

**| | | | |**

**| 51 e 1 1 | 8 2 | -.13 .16 .9 -.18 |A51 |**

**| 2 2 | 30 7 | .14 .05 1.0 -.09 | |**

**| 3 3 | 217 52 | .20 .02 .9 -.10 | |**

**| 4 4 | 113 27 | .26 .03 1.1 .06 | |**

**| 5 5 | 47 11 | .40 .04 .9 .22 | |**

**| | | | |**

**| 50 d 1 1 | 18 4 | -.19 .09 .8 -.31 |A50 |**

**| 2 2 | 44 11 | -.07 .05 .7 -.37 | |**

**| 3 3 | 183 44 | .24 .02 .9 .03 | |**

**| 4 4 | 133 32 | .33 .02 .8 .25 | |**

**| 5 5 | 37 9 | .38 .04 1.0 .17 | |**

**| | | | |**

**| 14 c 1 1 | 9 2 | -.35 .10 .6 -.31 |A14 |**

**| 2 2 | 43 10 | -.01 .04 .8 -.28 | |**

**| 3 3 | 159 38 | .19 .02 1.0 -.10 | |**

**| 4 4 | 159 38 | .31 .01 .8 .22 | |**

**| 5 5 | 45 11 | .42 .03 .9 .24 | |**

**| | | | |**

**| 13 b 1 1 | 7 2 | -.35 .07 .6 -.27 |A13 |**

**| 2 2 | 43 10 | -.13 .05 .7 -.43 | |**

**| 3 3 | 134 32 | .15 .02 .8 -.20 | |**

**| 4 4 | 169 41 | .33 .01 .6 .31 | |**

**| 5 5 | 62 15 | .44 .02 .9 .31 | |**

**| | | | |**

**| 62 a 1 1 | 10 2 | -.24 .09 .7 -.26 |A62 |**

**| 2 2 | 34 8 | -.15 .04 .6 -.40 | |**

**| 3 3 | 142 34 | .15 .02 .8 -.21 | |**

**| 4 4 | 180 43 | .33 .01 .7 .30 | |**

**| 5 5 | 49 12 | .46 .03 .9 .30 | |**

**---------------------------------------------------------------------**

**\* Average ability does not ascend with category score**

**# Missing % includes all categories. Scored % only of scored categories**

**Lampiran 8: DIF**

**Dif berdasarkan asal daerah**

**TABLE 30.4 D:\PENELITIAN\BLOK GRAND\PENELITIAN 7 ZOU120WS.TXTr Oct 21 16:10 2019**

**INPUT: 415 Person 69 Item REPORTED: 415 Person 69 Item 5 CATS WINSTEPS 3.73**

**--------------------------------------------------------------------------------**

**DIF class specification is: DIF=$S2W1**

**---------------------------------------------------------------------------**

**| Person SUMMARY DIF BETWEEN-CLASS Item |**

**| CLASSES CHI-SQUARE D.F. PROB. MEAN-SQUARE t=ZSTD Number Name |**

**|-------------------------------------------------------------------------|**

**| 7 8.6604 6 .1934 .1629 -2.1661 1 A1 |**

**| 7 1.7630 6 .9401 .0222 -3.5424 2 A2 |**

**| 7 3.7037 6 .7166 .0510 -3.0767 3 A3 |**

**| 7 7.7491 6 .2569 .1299 -2.3722 4 A4 |**

**| 7 3.3414 6 .7649 .0559 -3.0172 5 A5 |**

**| 6 1.4395 5 .9199 .0343 -2.9921 6 A6 |**

**| 7 2.6235 6 .8544 .0323 -3.3484 7 A7 |**

**| 7 5.8119 6 .4444 .1072 -2.5354 8 A8 |**

**| 7 4.4040 6 .6220 .1000 -2.5919 9 A9 |**

**| 7 4.6182 6 .5935 .0584 -2.9872 10 A10 |**

**| 7 5.5450 6 .4758 .1111 -2.5055 11 A11 |**

**| 7 4.2532 6 .6423 .0572 -3.0014 12 A12 |**

**| 7 4.2760 6 .6392 .0775 -2.7885 13 A13 |**

**| 7 2.9167 6 .8192 .0890 -2.6841 14 A14 |**

**| 7 3.8011 6 .7035 .0673 -2.8900 15 A15 |**

**| 7 1.6765 6 .9469 .0288 -3.4116 16 A16 |**

**| 7 6.2663 6 .3938 .0980 -2.6080 17 A17 |**

**| 7 1.5546 6 .9558 .0415 -3.2049 18 A18 |**

**| 7 2.0233 6 .9175 .0395 -3.2340 19 A19 |**

**| 7 1.6570 6 .9484 .0223 -3.5412 20 A20 |**

**| 7 3.9128 6 .6884 .0259 -3.4668 21 A21 |**

**| 7 10.9234 6 .0906 .1679 -2.1374 22 A22 |**

**| 7 1.8166 6 .9357 .0231 -3.5230 23 A23 |**

**| 7 10.8666 6 .0925 .1909 -2.0119 24 A24 |**

**| 7 5.9644 6 .4270 .3268 -1.4246 25 A25 |**

**| 7 5.7762 6 .4485 .0682 -2.8812 26 A26 |**

**| 7 2.9052 6 .8206 .0377 -3.2607 27 A27 |**

**| 7 .7943 6 .9922 .0015 -4.4025 28 A28 |**

**| 7 3.5731 6 .7341 .0706 -2.8558 29 A29 |**

**| 7 5.5050 6 .4807 .1582 -2.1934 30 A30 |**

**| 7 2.0244 6 .9174 .0400 -3.2260 31 A31 |**

**| 7 11.1834 6 .0828 .5840 -.6605 32 A32 |**

**| 6 14.2743 5 .0139 1.0815 .3364 33 A33 |**

**| 7 23.4701 6 .0007 1.3757 .7753 34 A34 |**

**| 7 2.7870 6 .8350 .0330 -3.3364 35 A35 |**

**| 7 5.5117 6 .4799 .0611 -2.9568 36 A36 |**

**| 7 2.8696 6 .8250 .1315 -2.3616 37 A37 |**

**| 7 1.0644 6 .9830 .0124 -3.8023 38 A38 |**

**| 7 1.1784 6 .9779 .0118 -3.8206 39 A39 |**

**| 7 7.0122 6 .3195 .4537 -1.0111 40 A40 |**

**| 7 1.7379 6 .9421 .0393 -3.2375 41 A41 |**

**| 7 5.5933 6 .4701 .0509 -3.0785 42 A42 |**

**| 7 4.0851 6 .6650 .2713 -1.6400 43 A43 |**

**| 7 3.7173 6 .7148 .0229 -3.5276 44 A44 |**

**| 7 6.2531 6 .3952 .2415 -1.7679 45 A45 |**

**| 7 3.4343 6 .7526 .0272 -3.4407 46 A46 |**

**| 7 5.3878 6 .4949 .0270 -3.4439 47 A47 |**

**| 7 2.1995 6 .9004 .0311 -3.3695 48 A48 |**

**| 7 3.1494 6 .7898 .0312 -3.3679 49 A49 |**

**| 7 5.8017 6 .4456 .3820 -1.2336 50 A50 |**

**| 7 3.2137 6 .7815 .0803 -2.7616 51 A51 |**

**| 7 5.0874 6 .5325 .0627 -2.9390 52 A52 |**

**| 7 7.9787 6 .2395 .3179 -1.4573 53 A53 |**

**| 7 6.7004 6 .3492 .1435 -2.2832 54 A54 |**

**| 7 4.4756 6 .6125 .2145 -1.8934 55 A55 |**

**| 7 3.2566 6 .7759 .0582 -2.9900 56 A56 |**

**| 7 3.6586 6 .7227 .0671 -2.8920 57 A57 |**

**| 7 3.8653 6 .6948 .1765 -2.0891 58 A58 |**

**| 7 9.0669 6 .1697 .2925 -1.5544 59 A59 |**

**| 7 3.8309 6 .6994 .0315 -3.3623 60 A60 |**

**| 7 5.7333 6 .4535 .3269 -1.4242 61 A61 |**

**| 7 1.4266 6 .9642 .0165 -3.6815 62 A62 |**

**| 7 2.8117 6 .8320 .0319 -3.3550 63 A63 |**

**| 7 6.3230 6 .3878 .3237 -1.4359 64 A64 |**

**| 7 6.8316 6 .3365 .3406 -1.3750 65 A65 |**

**| 7 6.5852 6 .3607 .0707 -2.8550 66 A66 |**

**| 7 9.0655 6 .1698 .1796 -2.0719 67 A67 |**

**| 7 8.2459 6 .2204 .2705 -1.6432 68 A68 |**

**| 7 1.7224 6 .9434 .0126 -3.7938 69 A69 |**

**Dif berdasarkan asal sekolah**

**DIF class specification is: DIF=$S3W1**

**---------------------------------------------------------------------------**

**| Person SUMMARY DIF BETWEEN-CLASS Item |**

**| CLASSES CHI-SQUARE D.F. PROB. MEAN-SQUARE t=ZSTD Number Name |**

**|-------------------------------------------------------------------------|**

**| 2 .8157 1 .3664 .3722 -.1241 1 A1 |**

**| 2 2.7556 1 .0969 1.2772 .6516 2 A2 |**

**| 2 1.3015 1 .2539 .5979 .1372 3 A3 |**

**| 2 3.2249 1 .0725 1.4943 .7753 4 A4 |**

**| 2 .0936 1 .7596 .0659 -.7932 5 A5 |**

**| 2 .0000 1 1.0000 .0188 -1.0857 6 A6 |**

**| 2 .1366 1 .7117 .1071 -.6426 7 A7 |**

**| 2 1.6027 1 .2055 .7518 .2790 8 A8 |**

**| 2 .3317 1 .5646 .1598 -.4987 9 A9 |**

**| 2 3.1907 1 .0741 1.4758 .7653 10 A10 |**

**| 2 .0795 1 .7780 .0466 -.8864 11 A11 |**

**| 2 .0000 1 1.0000 .0009 -1.4444 12 A12 |**

**| 2 .0000 1 1.0000 .0230 -1.0467 13 A13 |**

**| 2 .1033 1 .7478 .0868 -.7108 14 A14 |**

**| 2 3.6358 1 .0565 1.6945 .8791 15 A15 |**

**| 2 .6733 1 .4119 .3074 -.2183 16 A16 |**

**| 2 .0000 1 1.0000 .0535 -.8505 17 A17 |**

**| 2 1.5826 1 .2084 .7290 .2593 18 A18 |**

**| 2 .1195 1 .7296 .0974 -.6738 19 A19 |**

**| 2 .1483 1 .7002 .1035 -.6538 20 A20 |**

**| 2 6.8691 1 .0088 3.1896 1.4727 21 A21 |**

**| 2 1.2219 1 .2690 .5598 .0984 22 A22 |**

**| 2 1.6946 1 .1930 .7828 .3052 23 A23 |**

**| 2 2.2509 1 .1335 1.0317 .4936 24 A24 |**

**| 2 .5020 1 .4786 .2360 -.3390 25 A25 |**

**| 2 6.9451 1 .0084 3.2668 1.4977 26 A26 |**

**| 2 3.1720 1 .0749 1.4742 .7644 27 A27 |**

**| 2 .3151 1 .5746 .1504 -.5218 28 A28 |**

**| 2 .0802 1 .7770 .0486 -.8755 29 A29 |**

**| 2 1.0125 1 .3143 .4677 -.0033 30 A30 |**

**| 2 .0000 1 1.0000 .0039 -1.3169 31 A31 |**

**| 2 1.1542 1 .2827 .5433 .0811 32 A32 |**

**| 2 .0000 1 1.0000 .0235 -1.0425 33 A33 |**

**| 2 .7417 1 .3891 .3379 -.1724 34 A34 |**

**| 2 .5152 1 .4729 .2374 -.3365 35 A35 |**

**| 2 .0000 1 1.0000 .0531 -.8524 36 A36 |**

**| 2 3.8677 1 .0492 1.7989 .9300 37 A37 |**

**| 2 .6535 1 .4189 .2977 -.2334 38 A38 |**

**| 2 6.1464 1 .0132 2.8748 1.3664 39 A39 |**

**| 2 .5763 1 .4478 .2685 -.2814 40 A40 |**

**| 2 4.5732 1 .0325 2.1433 1.0852 41 A41 |**

**| 2 3.2815 1 .0701 1.5319 .7955 42 A42 |**

**| 2 1.9883 1 .1585 .9339 .4236 43 A43 |**

**| 2 .4431 1 .5056 .2031 -.4030 44 A44 |**

**| 2 2.2331 1 .1351 1.0483 .5050 45 A45 |**

**| 2 .0913 1 .7625 .0619 -.8109 46 A46 |**

**| 2 .1321 1 .7162 .1136 -.6224 47 A47 |**

**| 2 .4248 1 .5146 .1923 -.4255 48 A48 |**

**| 2 .0000 1 1.0000 .0495 -.8711 49 A49 |**

**| 2 .0000 1 1.0000 .0242 -1.0366 50 A50 |**

**| 2 .4415 1 .5064 .2016 -.4061 51 A51 |**

**| 2 .0000 1 1.0000 .0312 -.9823 52 A52 |**

**| 2 .0849 1 .7708 .0516 -.8604 53 A53 |**

**| 2 4.6168 1 .0317 2.1496 1.0878 54 A54 |**

**| 2 .8635 1 .3528 .3952 -.0932 55 A55 |**

**| 2 1.6433 1 .1999 .7572 .2835 56 A56 |**

**| 2 .3521 1 .5529 .1590 -.5007 57 A57 |**

**| 2 .1501 1 .6985 .0950 -.6818 58 A58 |**

**| 2 4.0406 1 .0444 1.9141 .9840 59 A59 |**

**| 2 8.2278 1 .0041 3.9024 1.6899 60 A60 |**

**| 2 .0000 1 1.0000 .0112 -1.1751 61 A61 |**

**| 2 1.9171 1 .1662 .8850 .3867 62 A62 |**

**| 2 .8144 1 .3668 .3909 -.0988 63 A63 |**

**| 2 .6097 1 .4349 .2766 -.2677 64 A64 |**

**| 2 5.4531 1 .0195 2.5446 1.2462 65 A65 |**

**| 2 .0000 1 1.0000 .0135 -1.1444 66 A66 |**

**| 2 .0000 1 1.0000 .0136 -1.1441 67 A67 |**

**| 2 .0000 1 1.0000 .0031 -1.3412 68 A68 |**

**| 2 1.5466 1 .2136 .7104 .2429 69 A69 |**

**---------------------------------------------------------------------------**

**LAMPIRAN 9 : SAMPLE SIZE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item Calibrations or person measures stable within** | **Confidence** | **Minimum sample size range (best to poor targeting)** | **Size for most purposes** |
| ± 1 logit | 95% | 16 † -- 36 | 30 (minimum for dichotomies) |
| ± 1 logit | 99% | 27 † -- 61 | 50 (minimum for polytomies) |
| ± ½ logit | 95% | 64 -- 144 | 100 |
| ± ½ logit | 99% | 108 -- 243 | 150 |
| Definitive or High Stakes | 99%+ (Items) | 250 -- 20\*test length | 250 |
| Adverse Circumstances | Robust | 450 upwards | 500 |

LAMPIRAN: 10

|  |  |  |  |
| --- | --- | --- | --- |
| NO | F | NO | UF |
| 1 | F | 38 | F |
| 2 | UF | 39 | UF |
| 3 | F | 40 | F |
| 4 | F | 41 | UF |
| 5 | UF | 42 | UF |
| 6 | UF | 43 | UF |
| 7 | UF | 44 | F |
| 8 | UF | 45 | F |
| 9 | F | 46 | F |
| 10 | UF | 47 | F |
| 11 | F | 48 | UF |
| 12 | F | 48 | F |
| 13 | F | 49 | F |
| 14 | F | 50 | F |
| 15 | UF | 51 | UF |
| 16 | F | 52 | F |
| 17 | F | 53 | F |
| 18 | F | 54 | UF |
| 19 | F | 55 | F |
| 20 | F | 56 | UF |
| 21 | UF | 57 | F |
| 22 | F | 58 | F |
| 23 | F | 59 | UF |
| 24 | F | 60 | F |
| 25 | UF | 61 | UF |
| 26 | F | 62 | F |
| 27 | F | 63 | UF |
| 28 | UF | 64 | UF |
| 29 | UF | 65 | F |
| 30 | F | 66 | UF |
| 31 | F | 67 | F |
| 32 | UF | 68 | F |
| 33 | UF | 69 | UF |
| 34 | UF |  |  |
| 35 | UF |  |  |
| 36 | F |  |  |
| 37 | UF |  |  |