**Hasil Analisis WINSTEPS**

1. **Tabel 3.1: Summary Statistics**

Memberikan info secara keselutuhan tentang kualitas responden secara keseluruhan, kualitas instrumen yang digunakan maupun interaksi antara person dan aitem.

SUMMARY OF 205 MEASURED Person

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

| TOTAL MODEL INFIT OUTFIT |

| SCORE COUNT MEASURE S.E. MNSQ ZSTD MNSQ ZSTD |

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

| MEAN 10.9 25.0 -1.54 .39 1.01 .02 .96 .01 |

| SEM .4 .0 .06 .01 .03 .09 .03 .08 |

| P.SD 5.9 .4 .80 .11 .39 1.28 .45 1.13 |

| S.SD 5.9 .4 .80 .11 .39 1.28 .45 1.14 |

| MAX. 32.0 25.0 .61 1.01 3.08 6.21 3.82 6.93 |

| MIN. 1.0 19.0 -4.05 .30 .36 -3.19 .31 -2.49 |

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

| REAL RMSE .44 TRUE SD .67 SEPARATION 1.54 Person RELIABILITY .70 |

|MODEL RMSE .41 TRUE SD .69 SEPARATION 1.68 Person RELIABILITY .74 |

| S.E. OF Person MEAN = .06 |

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

Person RAW SCORE-TO-MEASURE CORRELATION = .96 (approximate due to missing data)

CRONBACH ALPHA (KR-20) Person RAW SCORE "TEST" RELIABILITY = .77 SEM = 2.82 (approximate due to missing data)

STANDARDIZED (50 ITEM) RELIABILITY = .85

SUMMARY OF 25 MEASURED Item

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

| TOTAL MODEL INFIT OUTFIT |

| SCORE COUNT MEASURE S.E. MNSQ ZSTD MNSQ ZSTD |

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

| MEAN 89.4 204.8 .00 .14 1.04 .20 .96 -.12 |

| SEM 10.1 .1 .18 .01 .04 .34 .04 .31 |

| P.SD 49.3 .4 .86 .05 .19 1.66 .20 1.51 |

| S.SD 50.3 .4 .88 .05 .19 1.69 .20 1.54 |

| MAX. 182.0 205.0 2.40 .34 1.53 3.25 1.38 3.67 |

| MIN. 9.0 204.0 -1.29 .10 .80 -2.75 .64 -2.24 |

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

| REAL RMSE .16 TRUE SD .84 SEPARATION 5.24 Item RELIABILITY .96 |

|MODEL RMSE .15 TRUE SD .85 SEPARATION 5.70 Item RELIABILITY .97 |

| S.E. OF Item MEAN = .18 |

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

Item RAW SCORE-TO-MEASURE CORRELATION = -.95 (approximate due to missing data)

Global statistics: please see Table 44.

UMEAN=.0000 USCALE=1.0000

1. **Tabel 3.2: Skala Peringkat (Rating Scale)**

Analisis validitas skala peringkat adalah pengujian yang dilakukan untuk memverifikasi apakah peringkat (rating) pilihan yang digunakan membingungkan bagi responden atau tidak.

SUMMARY OF CATEGORY STRUCTURE. Model="R"

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

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

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

|---------------------+------------+------------++---------+--------|

| 0 0 3328 65| -1.96 -1.95| 1.05 1.05|| NONE |( -1.83)| 0

| 1 1 1348 26| -.94 -.98| .95 .80|| -.53 | .00 | 1

| 2 2 443 9| -.28 -.22| 1.05 1.08|| .53 |( 1.83)| 2

|---------------------+------------+------------++---------+--------|

| MISSING 6 0| -1.81 | || | |

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

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

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

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

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

|------------------------+---------------------+---------+-----------------+-----|

| 0 NONE |( -1.83) -INF -1.02| | 80% 82% .4128| | 0

| 1 -.53 .03 | .00 -1.02 1.02| -.77 | 44% 54% .5207| 1.02| 1

| 2 .53 .06 |( 1.83) 1.02 +INF | .77 | 57% 6% 1.1856| .94| 2

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

M->C = Does Measure imply Category?

C->M = Does Category imply Measure?

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

| Category Matrix : Confusion Matrix : Matching Matrix |

| Predicted Scored-Category Frequency |

|Obs Cat Freq| 0 1 2 | Total |

|------------+-------------------------------------+--------------|

| 0 | 2449.57 716.73 161.69 | 3328.00 |

| 1 | 717.65 458.58 171.77 | 1348.00 |

| 2 | 162.38 172.36 108.26 | 443.00 |

|------------+-------------------------------------+--------------|

| Total | 3329.60 1347.68 441.72 | 5119.00 |

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

CATEGORY PROBABILITIES: MODES - Andrich thresholds at intersections

P -+--------------+--------------+--------------+--------------+-

R 1.0 + +

O | |

B | |

A | |

B .8 +000 222+

I | 000 222 |

L | 0000 2222 |

I | 00 22 |

T .6 + 000 222 +

Y | 000 222 |

.5 + 00 22 +

O | 00\*111111111111111\*22 |

F .4 + 11111 00 22 11111 +

| 1111 000 222 1111 |

R | 1111 00 22 1111 |

E | 11111 22\*00 11111 |

S .2 +1111 222 000 1111+

P | 2222 0000 |

O | 222222 000000 |

N | 2222222222 0000000000 |

S .0 +22222 00000+

E -+--------------+--------------+--------------+--------------+-

-2 -1 0 1 2

Person [MINUS] Item MEASURE

1. **Tabel 17: Person Measure**

Tabel berikut memberikan informasi menganai logit tiap person (responden).

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

|ENTRY TOTAL TOTAL JMLE MODEL| INFIT | OUTFIT |PTMEASUR-AL|EXACT MATCH| |

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

|------------------------------------+----------+----------+-----------+-----------+-------|

| 97 32 25 .61 .31|1.29 1.18|1.28 1.04| .46 .49| 48.0 53.4| 097 L |

| 158 31 25 .52 .31|1.93 3.24|2.18 3.45| -.32 .49| 32.0 52.2| 158 P |

| 50 30 25 .43 .30|1.34 1.42|1.28 1.07| .45 .50| 44.0 51.9| 050 P |

| 146 30 25 .43 .30|1.48 1.91|1.63 2.13| .33 .50| 40.0 51.9| 146 L |

| 90 26 25 .07 .30|3.08 6.21|3.82 6.93| -.33 .49| 8.0 49.7| 090 L |

| 138 25 25 -.02 .30|1.30 1.29|1.35 1.35| .23 .49| 40.0 48.5| 138 P |

| 200 24 25 -.11 .30|1.07 .39|1.01 .14| .61 .49| 44.0 47.3| 200 P |

| 201 24 25 -.11 .30|1.71 2.69|1.61 2.15| .48 .49| 16.0 47.3| 201 L |

| 52 23 25 -.20 .30|1.43 1.77|1.35 1.35| .25 .49| 44.0 47.0| 052 P |

| 1 22 25 -.28 .30| .93 -.25| .88 -.41| .61 .48| 32.0 46.3| 001 L |

| 53 22 25 -.28 .30| .94 -.19| .88 -.42| .68 .48| 40.0 46.3| 053 L |

| 64 21 25 -.37 .30|1.66 2.50|2.76 4.72| -.03 .48| 44.0 46.4| 064 L |

| 69 21 25 -.37 .30|1.31 1.31|1.24 .93| .42 .48| 44.0 46.4| 069 L |

| 34 20 25 -.46 .30| .95 -.15| .91 -.24| .50 .47| 44.0 47.5| 034 P |

| 43 20 25 -.46 .30| .48 -2.75| .48 -2.36| .50 .47| 76.0 47.5| 043 L |

| 7 19 25 -.56 .30| .75 -1.09| .74 -.94| .39 .47| 64.0 47.6| 007 L |

| 131 19 25 -.56 .30|1.72 2.63|1.62 1.98| .24 .47| 32.0 47.6| 131 P |

| 196 19 25 -.56 .30| .94 -.20| .92 -.22| .54 .47| 52.0 47.6| 196 L |

| 11 18 25 -.65 .31| .91 -.31| .84 -.49| .58 .46| 32.0 50.5| 011 P |

| 28 18 25 -.65 .31| .41 -3.19| .43 -2.49| .70 .46| 72.0 50.5| 028 P |

| 58 18 25 -.65 .31| .86 -.54| .91 -.22| .51 .46| 60.0 50.5| 058 P |

| 73 18 25 -.65 .31|1.77 2.73|1.65 2.00| .26 .46| 44.0 50.5| 073 L |

| 159 18 25 -.65 .31|1.09 .43|1.51 1.65| .26 .46| 36.0 50.5| 159 L |

| 39 17 25 -.74 .31|1.30 1.23|1.30 1.02| .25 .46| 44.0 51.9| 039 P |

| 51 17 25 -.74 .31|1.28 1.13|1.27 .93| .37 .46| 48.0 51.9| 051 P |

| 194 17 25 -.74 .31|1.39 1.51|1.32 1.09| .41 .46| 36.0 51.9| 194 L |

| 9 16 25 -.84 .31| .65 -1.57| .71 -.96| .53 .45| 68.0 54.3| 009 L |

| 46 16 25 -.84 .31| .97 -.06| .90 -.24| .31 .45| 60.0 54.3| 046 P |

| 62 16 25 -.84 .31| .66 -1.51| .61 -1.40| .57 .45| 76.0 54.3| 062 L |

| 71 16 25 -.84 .31| .89 -.38| .93 -.12| .43 .45| 36.0 54.3| 071 P |

| 81 16 25 -.84 .31|1.22 .92|1.13 .51| .46 .45| 52.0 54.3| 081 L |

| 94 16 25 -.84 .31| .70 -1.27| .67 -1.12| .51 .45| 60.0 54.3| 094 P |

| 142 16 25 -.84 .31| .87 -.47| .90 -.22| .55 .45| 60.0 54.3| 142 L |

| 197 16 25 -.84 .31| .77 -.95| .73 -.88| .35 .45| 60.0 54.3| 197 P |

| 198 16 25 -.84 .31|1.70 2.45|1.53 1.59| .45 .45| 40.0 54.3| 198 L |

| 14 15 25 -.94 .32|1.40 1.51|1.37 1.13| .38 .44| 60.0 58.0| 014 L |

| 31 15 25 -.94 .32| .82 -.66| .92 -.14| .39 .44| 60.0 58.0| 031 L |

| 33 15 25 -.94 .32| .70 -1.26| .62 -1.27| .73 .44| 60.0 58.0| 033 L |

| 36 15 25 -.94 .32|1.03 .20|1.02 .18| .28 .44| 56.0 58.0| 036 L |

| 45 15 25 -.94 .32| .58 -1.90| .55 -1.57| .64 .44| 76.0 58.0| 045 P |

| 55 15 25 -.94 .32|1.16 .67|1.29 .92| .32 .44| 68.0 58.0| 055 L |

| 60 15 25 -.94 .32|1.01 .14| .93 -.13| .42 .44| 52.0 58.0| 060 L |

| 74 15 25 -.94 .32|1.51 1.84|1.56 1.59| .30 .44| 44.0 58.0| 074 L |

| 105 15 25 -.94 .32|1.12 .55|1.00 .12| .44 .44| 44.0 58.0| 105 L |

| 108 15 25 -.94 .32| .66 -1.43| .77 -.69| .42 .44| 60.0 58.0| 108 L |

| 121 15 25 -.94 .32|1.05 .26|1.06 .29| .26 .44| 64.0 58.0| 121 P |

| 140 15 25 -.94 .32| .74 -1.03| .69 -.97| .60 .44| 60.0 58.0| 140 L |

| 144 15 25 -.94 .32| .74 -1.05| .88 -.30| .19 .44| 60.0 58.0| 144 L |

| 155 15 25 -.94 .32|1.44 1.61|1.44 1.31| .10 .44| 48.0 58.0| 155 L |

| 168 15 25 -.94 .32|1.76 2.56|1.78 2.08| .35 .44| 52.0 58.0| 168 L |

| 182 15 25 -.94 .32| .78 -.86| .87 -.31| .31 .44| 52.0 58.0| 182 L |

| 202 15 25 -.94 .32|1.03 .22| .94 -.08| .51 .44| 60.0 58.0| 202 L |

| 59 14 25 -1.05 .33| .63 -1.59| .69 -.91| .36 .43| 64.0 59.1| 059 P |

| 87 14 25 -1.05 .33|1.49 1.74|1.32 .97| .55 .43| 52.0 59.1| 087 P |

| 100 14 25 -1.05 .33| .66 -1.42| .74 -.74| .32 .43| 56.0 59.1| 100 L |

| 107 14 25 -1.05 .33| .61 -1.69| .66 -1.05| .40 .43| 72.0 59.1| 107 P |

| 157 14 25 -1.05 .33| .67 -1.36| .63 -1.18| .50 .43| 72.0 59.1| 157 P |

| 161 14 25 -1.05 .33|1.23 .92|1.79 2.01| .22 .43| 68.0 59.1| 161 L |

| 186 14 25 -1.05 .33| .64 -1.50| .71 -.85| .34 .43| 56.0 59.1| 186 P |

| 204 14 25 -1.05 .33|1.03 .19|1.15 .55| .50 .43| 60.0 59.1| 204 P |

| 17 13 25 -1.15 .33|1.52 1.77|1.45 1.23| .45 .42| 52.0 61.1| 017 P |

| 24 13 25 -1.15 .33|1.09 .42| .99 .09| .53 .42| 60.0 61.1| 024 L |

| 41 13 25 -1.15 .33| .38 -3.00| .43 -1.96| .65 .42| 80.0 61.1| 041 P |

| 72 13 25 -1.15 .33| .65 -1.40| .63 -1.09| .52 .42| 72.0 61.1| 072 L |

| 85 13 25 -1.15 .33|1.37 1.34|1.27 .82| .34 .42| 52.0 61.1| 085 P |

| 96 13 25 -1.15 .33| .52 -2.09| .51 -1.61| .63 .42| 64.0 61.1| 096 P |

| 110 13 25 -1.15 .33|1.14 .59|1.23 .73| .37 .42| 60.0 61.1| 110 P |

| 112 13 25 -1.15 .33|1.04 .22| .97 .04| .32 .42| 48.0 61.1| 112 L |

| 115 13 25 -1.15 .33| .55 -1.96| .52 -1.56| .71 .42| 80.0 61.1| 115 L |

| 120 13 25 -1.15 .33| .78 -.80| .73 -.71| .51 .42| 56.0 61.1| 120 L |

| 129 13 25 -1.15 .33| .36 -3.13| .41 -2.08| .67 .42| 80.0 61.1| 129 P |

| 137 13 25 -1.15 .33| .86 -.46| .82 -.44| .34 .42| 48.0 61.1| 137 L |

| 145 13 25 -1.15 .33|1.67 2.19|1.78 1.91| .16 .42| 56.0 61.1| 145 P |

| 154 13 25 -1.15 .33|1.15 .63|1.10 .39| .48 .42| 64.0 61.1| 154 L |

| 166 13 25 -1.15 .33|1.26 .97|1.50 1.36| .15 .42| 64.0 61.1| 166 L |

| 178 13 25 -1.15 .33|1.28 1.05|1.13 .48| .43 .42| 60.0 61.1| 178 L |

| 190 13 25 -1.15 .33| .73 -1.02| .72 -.76| .44 .42| 56.0 61.1| 190 L |

| 18 12 25 -1.27 .34| .90 -.27| .83 -.35| .33 .41| 52.0 62.2| 018 L |

| 47 12 25 -1.27 .34| .61 -1.57| .59 -1.18| .58 .41| 76.0 62.2| 047 L |

| 48 12 25 -1.27 .34| .79 -.74| .81 -.42| .26 .41| 60.0 62.2| 048 P |

| 49 12 25 -1.27 .34|1.13 .54| .97 .06| .43 .41| 60.0 62.2| 049 L |

| 95 12 25 -1.27 .34| .83 -.55| .88 -.23| .21 .41| 52.0 62.2| 095 L |

| 143 12 25 -1.27 .34|1.49 1.63|2.18 2.51| .09 .41| 56.0 62.2| 143 L |

| 177 12 25 -1.27 .34| .58 -1.72| .51 -1.48| .63 .41| 84.0 62.2| 177 L |

| 192 12 25 -1.27 .34|1.52 1.73|1.31 .89| .44 .41| 64.0 62.2| 192 L |

| 2 11 25 -1.39 .35| .70 -1.09| .56 -1.20| .66 .40| 80.0 63.1| 002 P |

| 4 11 25 -1.39 .35| .51 -1.99| .52 -1.38| .57 .40| 80.0 63.1| 004 L |

| 57 11 25 -1.39 .35| .60 -1.56| .60 -1.06| .48 .40| 72.0 63.1| 057 L |

| 86 11 25 -1.39 .35|1.58 1.82|1.42 1.08| .41 .40| 52.0 63.1| 086 L |

| 117 11 25 -1.39 .35| .91 -.23| .82 -.35| .35 .40| 56.0 63.1| 117 L |

| 141 11 25 -1.39 .35| .71 -1.05| .60 -1.04| .64 .40| 72.0 63.1| 141 L |

| 149 11 25 -1.39 .35| .86 -.41| .74 -.59| .41 .40| 64.0 63.1| 149 L |

| 156 11 25 -1.39 .35|1.16 .64|1.14 .48| .33 .40| 68.0 63.1| 156 L |

| 164 11 25 -1.39 .35| .80 -.64| .65 -.88| .60 .40| 80.0 63.1| 164 L |

| 173 11 25 -1.39 .35| .97 -.03| .79 -.44| .48 .40| 72.0 63.1| 173 L |

| 188 11 25 -1.39 .35|1.18 .68|1.24 .70| .29 .40| 68.0 63.1| 188 P |

| 195 11 25 -1.39 .35|2.10 3.01|2.17 2.38| .12 .40| 48.0 63.1| 195 L |

| 21 10 25 -1.51 .36| .80 -.62| .64 -.84| .61 .38| 84.0 66.0| 021 L |

| 30 10 25 -1.51 .36| .88 -.30| .78 -.43| .40 .38| 60.0 66.0| 030 P |

| 44 10 25 -1.51 .36| .61 -1.41| .58 -1.05| .49 .38| 76.0 66.0| 044 P |

| 54 10 25 -1.51 .36|1.59 1.76|1.35 .88| .37 .38| 68.0 66.0| 054 L |

| 66 10 25 -1.51 .36|1.07 .32|1.08 .34| .49 .38| 68.0 66.0| 066 L |

| 91 10 25 -1.51 .36| .67 -1.13| .52 -1.26| .70 .38| 84.0 66.0| 091 P |

| 103 10 25 -1.51 .36| .74 -.84| .65 -.82| .54 .38| 76.0 66.0| 103 L |

| 139 10 25 -1.51 .36|1.39 1.26|1.29 .78| .43 .38| 64.0 66.0| 139 P |

| 148 10 25 -1.51 .36|1.17 .62| .97 .07| .36 .38| 56.0 66.0| 148 L |

| 162 10 25 -1.51 .36| .90 -.23| .68 -.73| .64 .38| 76.0 66.0| 162 L |

| 163 10 25 -1.51 .36| .69 -1.04| .53 -1.23| .70 .38| 84.0 66.0| 163 P |

| 167 10 25 -1.51 .36| .78 -.70| .81 -.35| .44 .38| 68.0 66.0| 167 L |

| 176 10 25 -1.51 .36|1.17 .64|1.23 .65| .30 .38| 64.0 66.0| 176 P |

| 185 10 25 -1.51 .36| .51 -1.88| .54 -1.20| .56 .38| 76.0 66.0| 185 P |

| 199 10 25 -1.51 .36|1.29 .99|1.24 .67| .39 .38| 72.0 66.0| 199 L |

| 203 10 25 -1.51 .36|1.42 1.32|1.60 1.36| .12 .38| 60.0 66.0| 203 L |

| 3 9 25 -1.65 .38|1.59 1.68|1.60 1.29| .22 .37| 60.0 69.2| 003 P |

| 16 9 25 -1.65 .38|1.09 .38|1.11 .39| .25 .37| 68.0 69.2| 016 L |

| 40 9 25 -1.65 .38| .54 -1.65| .58 -.96| .54 .37| 80.0 69.2| 040 P |

| 80 9 25 -1.65 .38| .72 -.85| .72 -.55| .38 .37| 64.0 69.2| 080 L |

| 98 9 25 -1.65 .38| .64 -1.18| .63 -.82| .46 .37| 72.0 69.2| 098 L |

| 104 9 25 -1.65 .38| .77 -.66| .62 -.84| .53 .37| 72.0 69.2| 104 P |

| 109 9 25 -1.65 .38| .90 -.20| .69 -.63| .56 .37| 72.0 69.2| 109 L |

| 113 9 25 -1.65 .38| .46 -2.04| .39 -1.64| .66 .37| 80.0 69.2| 113 P |

| 127 9 25 -1.65 .38| .72 -.88| .79 -.37| .35 .37| 72.0 69.2| 127 L |

| 171 9 25 -1.65 .38| .72 -.89| .69 -.63| .39 .37| 64.0 69.2| 171 P |

| 183 9 25 -1.65 .38|1.43 1.30|1.17 .50| .21 .37| 52.0 69.2| 183 P |

| 8 8 25 -1.80 .39| .64 -1.11| .46 -1.25| .66 .35| 84.0 70.6| 008 P |

| 25 8 25 -1.80 .39| .96 .00|1.11 .38| .35 .35| 76.0 70.6| 025 L |

| 56 8 25 -1.80 .39| .85 -.36|1.02 .21| .20 .35| 68.0 70.6| 056 P |

| 75 8 25 -1.80 .39|1.50 1.38|1.19 .53| .37 .35| 68.0 70.6| 075 P |

| 78 8 25 -1.80 .39| .96 -.01|1.21 .57| .07 .35| 60.0 70.6| 078 L |

| 79 8 25 -1.80 .39| .55 -1.50| .60 -.82| .53 .35| 84.0 70.6| 079 L |

| 84 8 25 -1.80 .39| .83 -.42| .85 -.17| .45 .35| 76.0 70.6| 084 P |

| 92 8 25 -1.80 .39| .52 -1.60| .53 -1.01| .57 .35| 84.0 70.6| 092 L |

| 114 8 25 -1.80 .39| .65 -1.06| .68 -.60| .45 .35| 76.0 70.6| 114 L |

| 123 8 25 -1.80 .39|1.38 1.12|1.38 .87| .25 .35| 64.0 70.6| 123 P |

| 125 8 25 -1.80 .39| .62 -1.18| .58 -.87| .50 .35| 76.0 70.6| 125 P |

| 134 8 25 -1.80 .39| .82 -.45| .87 -.12| .27 .35| 68.0 70.6| 134 L |

| 165 8 25 -1.80 .39| .46 -1.90| .43 -1.39| .65 .35| 84.0 70.6| 165 P |

| 181 8 25 -1.80 .39|1.30 .92| .89 -.07| .50 .35| 76.0 70.6| 181 P |

| 189 8 25 -1.80 .39| .75 -.68| .58 -.88| .57 .35| 84.0 70.6| 189 L |

| 5 7 25 -1.96 .41|1.41 1.11|1.54 1.07| .27 .33| 72.0 72.8| 005 P |

| 6 7 25 -1.96 .41|1.62 1.56|1.52 1.04| .16 .33| 60.0 72.8| 006 L |

| 19 7 25 -1.96 .41| .84 -.35| .75 -.35| .31 .33| 68.0 72.8| 019 P |

| 61 7 25 -1.96 .41| .77 -.56| .52 -.95| .60 .33| 88.0 72.8| 061 P |

| 70 7 25 -1.96 .41| .80 -.47| .95 .07| .28 .33| 76.0 72.8| 070 P |

| 76 7 25 -1.96 .41|1.10 .38|1.27 .65| .28 .33| 80.0 72.8| 076 L |

| 99 7 25 -1.96 .41| .97 .03| .81 -.23| .40 .33| 76.0 72.8| 099 L |

| 101 7 25 -1.96 .41| .57 -1.28| .42 -1.26| .59 .33| 76.0 72.8| 101 L |

| 111 7 25 -1.96 .41|1.06 .28|1.12 .40| .35 .33| 72.0 72.8| 111 P |

| 124 7 25 -1.96 .41| .74 -.66| .85 -.13| .35 .33| 76.0 72.8| 124 L |

| 126 7 25 -1.96 .41| .57 -1.28| .42 -1.26| .59 .33| 76.0 72.8| 126 L |

| 132 7 25 -1.96 .41| .81 -.43| .96 .09| .27 .33| 68.0 72.8| 132 L |

| 150 7 25 -1.96 .41|1.58 1.47|1.42 .89| .36 .33| 76.0 72.8| 150 P |

| 153 7 25 -1.96 .41|1.81 1.91|2.04 1.72| -.03 .33| 60.0 72.8| 153 P |

| 175 7 25 -1.96 .41| .88 -.21|1.10 .36| .42 .33| 84.0 72.8| 175 P |

| 179 7 25 -1.96 .41| .73 -.68| .69 -.49| .39 .33| 76.0 72.8| 179 L |

| -116 5 19 -2.01 .49| .70 -.62| .81 -.10| .38 .34| 89.5 74.6| 116 L |

| 13 6 25 -2.14 .44| .94 -.03| .73 -.34| .46 .31| 88.0 76.5| 013 P |

| 20 6 25 -2.14 .44|1.16 .52| .93 .06| .32 .31| 76.0 76.5| 020 P |

| 63 6 25 -2.14 .44| .93 -.06| .96 .12| .19 .31| 72.0 76.5| 063 P |

| 65 6 25 -2.14 .44| .93 -.06| .96 .12| .19 .31| 72.0 76.5| 065 P |

| 67 6 25 -2.14 .44|1.75 1.67|1.17 .47| .37 .31| 80.0 76.5| 067 L |

| 77 6 25 -2.14 .44| .72 -.64| .76 -.27| .38 .31| 88.0 76.5| 077 P |

| 106 6 25 -2.14 .44| .92 -.08| .59 -.67| .52 .31| 84.0 76.5| 106 P |

| 130 6 25 -2.14 .44| .99 .10| .71 -.37| .44 .31| 80.0 76.5| 130 P |

| 133 6 25 -2.14 .44| .93 -.05|1.05 .27| .18 .31| 72.0 76.5| 133 P |

| 136 6 25 -2.14 .44|1.50 1.23|1.10 .36| .32 .31| 80.0 76.5| 136 P |

| 147 6 25 -2.14 .44| .90 -.12|1.12 .39| .17 .31| 80.0 76.5| 147 P |

| 151 6 25 -2.14 .44|1.09 .35| .91 .02| .33 .31| 80.0 76.5| 151 P |

| 180 6 25 -2.14 .44| .90 -.12| .58 -.69| .53 .31| 84.0 76.5| 180 P |

| 187 6 25 -2.14 .44|1.10 .38| .85 -.09| .35 .31| 80.0 76.5| 187 L |

| 10 5 25 -2.35 .48|1.07 .29| .76 -.21| .42 .29| 84.0 81.9| 010 P |

| 15 5 25 -2.35 .48| .73 -.52| .64 -.44| .41 .29| 80.0 81.9| 015 P |

| 32 5 25 -2.35 .48| .50 -1.26| .31 -1.31| .65 .29| 80.0 81.9| 032 P |

| 37 5 25 -2.35 .48| .80 -.35| .77 -.19| .33 .29| 80.0 81.9| 037 P |

| 82 5 25 -2.35 .48| .61 -.90| .40 -1.04| .56 .29| 80.0 81.9| 082 P |

| 102 5 25 -2.35 .48| .71 -.58| .62 -.49| .43 .29| 80.0 81.9| 102 P |

| 118 5 25 -2.35 .48|1.12 .41|1.69 1.12| -.12 .29| 80.0 81.9| 118 L |

| 119 5 25 -2.35 .48|1.47 1.08|1.69 1.12| .08 .29| 84.0 81.9| 119 P |

| 170 5 25 -2.35 .48| .64 -.78| .49 -.80| .51 .29| 80.0 81.9| 170 L |

| 27 4 25 -2.60 .52|1.27 .66| .74 -.16| .37 .26| 88.0 85.2| 027 P |

| 29 4 25 -2.60 .52| .66 -.61| .42 -.81| .51 .26| 84.0 85.2| 029 P |

| 35 4 25 -2.60 .52|1.69 1.32| .87 .05| .39 .26| 92.0 85.2| 035 P |

| 68 4 25 -2.60 .52| .75 -.39| .53 -.57| .42 .26| 84.0 85.2| 068 L |

| 122 4 25 -2.60 .52| .70 -.51| .45 -.75| .48 .26| 84.0 85.2| 122 P |

| 128 4 25 -2.60 .52| .68 -.55| .46 -.73| .48 .26| 84.0 85.2| 128 P |

| 135 4 25 -2.60 .52|1.30 .72| .78 -.10| .34 .26| 88.0 85.2| 135 P |

| 152 4 25 -2.60 .52| .71 -.48| .47 -.70| .47 .26| 84.0 85.2| 152 L |

| 160 4 25 -2.60 .52| .94 .04| .91 .11| .19 .26| 84.0 85.2| 160 P |

| 169 4 25 -2.60 .52|1.24 .62| .70 -.23| .40 .26| 88.0 85.2| 169 P |

| 172 4 25 -2.60 .52| .75 -.38| .54 -.55| .42 .26| 84.0 85.2| 172 P |

| 205 4 25 -2.60 .52| .72 -.45| .63 -.37| .41 .26| 84.0 85.2| 205 P |

| 22 3 25 -2.91 .60| .86 -.07| .68 -.17| .30 .23| 88.0 88.7| 022 L |

| 38 3 25 -2.91 .60| .79 -.20| .52 -.43| .38 .23| 88.0 88.7| 038 L |

| 83 3 25 -2.91 .60|1.62 1.09|1.31 .62| .20 .23| 92.0 88.7| 083 L |

| 89 3 25 -2.91 .60|1.08 .32|1.42 .73| -.03 .23| 88.0 88.7| 089 P |

| 93 3 25 -2.91 .60| .76 -.26| .47 -.53| .42 .23| 88.0 88.7| 093 P |

| 191 3 25 -2.91 .60|1.58 1.04| .99 .26| .24 .23| 92.0 88.7| 191 L |

| 12 2 25 -3.34 .72| .95 .17|1.04 .38| .14 .19| 92.0 92.4| 012 L |

| 42 2 25 -3.34 .72| .79 -.08| .38 -.47| .40 .19| 92.0 92.4| 042 P |

| 88 2 25 -3.34 .72|1.92 1.26|1.08 .41| .22 .19| 96.0 92.4| 088 P |

| 174 2 25 -3.34 .72| .86 .03| .55 -.19| .31 .19| 92.0 92.4| 174 P |

| 184 2 25 -3.34 .72| .93 .14| .92 .26| .18 .19| 92.0 92.4| 184 P |

| 193 2 25 -3.34 .72| .91 .11| .79 .13| .22 .19| 92.0 92.4| 193 L |

| 23 1 25 -4.05 1.01| .87 .21| .36 -.16| .31 .13| 96.0 96.1| 023 L |

| 26 1 25 -4.05 1.01|1.02 .36|1.27 .65| .01 .13| 96.0 96.1| 026 L |

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| MEAN 10.9 25.0 -1.54 .39|1.01 .02| .96 .01| | 67.9 67.1| |

| P.SD 5.9 .4 .80 .11| .39 1.28| .45 1.13| | 16.2 11.9| |

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