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## HASIL OLAH DATA VARIABEL LENGKAP

### Analysis Summary

#### Groups

#### Group number 1 (Group number 1)

#### Notes for Group (Group number 1)

The model is recursive.  
Sample size = 22

#### Variable Summary (Group number 1)

#### Your model contains the following variables (Group number 1)

Observed, endogenous variables

Y1

Y2

Y3

Observed, exogenous variables

X1

X2

X3

X4

X5

X6

Unobserved, exogenous variables

e1

e3

e2

#### Variable counts (Group number 1)

Number of variables in your model: 12  
Number of observed variables: 9  
Number of unobserved variables: 3  
Number of exogenous variables: 9  
Number of endogenous variables: 3

#### Parameter Summary (Group number 1)

|           | Weights | Covariances | Variances | Means | Intercepts | Total |
|-----------|---------|-------------|-----------|-------|------------|-------|
| Fixed     | 3       | 0           | 0         | 0     | 0          | 3     |
| Labeled   | 0       | 0           | 0         | 0     | 0          | 0     |
| Unlabeled | 19      | 0           | 9         | 0     | 0          | 28    |
| Total     | 22      | 0           | 9         | 0     | 0          | 31    |

#### Assessment of normality (Group number 1)

| Variable     | min    | max    | skew  | c.r.  | kurtosis | c.r.   |
|--------------|--------|--------|-------|-------|----------|--------|
| X6           | 17,000 | 40,000 | -,110 | -,210 | -1,439   | -1,378 |
| X5           | 12,285 | 14,800 | -,230 | -,440 | -1,070   | -1,025 |
| X4           | 3,500  | 17,600 | 1,105 | 2,115 | ,715     | ,685   |
| X3           | 9,044  | 9,581  | ,275  | ,527  | -1,608   | -1,539 |
| X2           | ,627   | 5,930  | 1,737 | 3,325 | 3,796    | 3,634  |
| X1           | 12,146 | 14,820 | -,228 | -,437 | -1,042   | -,997  |
| Y1           | 6,616  | 8,970  | -,114 | -,218 | -1,383   | -1,324 |
| Y2           | 35,910 | 36,930 | -,031 | -,060 | -1,337   | -1,280 |
| Y3           | 49,440 | 88,440 | -,315 | -,603 | -,489    | -,468  |
| Multivariate |        |        |       |       | 10,657   | 1,776  |

**Observations farthest from the centroid (Mahalanobis distance) (Group number 1)**

| Observation number | Mahalanobis d-squared | p1   | p2   |
|--------------------|-----------------------|------|------|
| 1                  | 18,151                | ,033 | ,527 |
| 22                 | 17,367                | ,043 | ,246 |
| 21                 | 16,044                | ,066 | ,174 |
| 2                  | 13,578                | ,138 | ,362 |
| 5                  | 13,116                | ,157 | ,258 |
| 20                 | 11,798                | ,225 | ,373 |
| 11                 | 11,510                | ,242 | ,271 |
| 9                  | 11,008                | ,275 | ,239 |
| 3                  | 9,702                 | ,375 | ,450 |
| 4                  | 9,230                 | ,416 | ,437 |
| 13                 | 7,984                 | ,536 | ,709 |
| 12                 | 7,531                 | ,582 | ,716 |
| 17                 | 7,372                 | ,598 | ,619 |
| 8                  | 6,930                 | ,644 | ,626 |
| 18                 | 6,702                 | ,668 | ,546 |
| 7                  | 6,015                 | ,738 | ,653 |
| 6                  | 5,412                 | ,797 | ,721 |
| 16                 | 4,775                 | ,853 | ,788 |
| 14                 | 4,705                 | ,859 | ,624 |
| 19                 | 3,561                 | ,938 | ,846 |
| 10                 | 2,857                 | ,970 | ,857 |
| 15                 | 2,653                 | ,976 | ,593 |

**Models**

**Default model (Default model)**

**Notes for Model (Default model)**

**Computation of degrees of freedom (Default model)**

Number of distinct sample moments: 45  
Number of distinct parameters to be estimated: 28  
Degrees of freedom (45 - 28): 17

**Result (Default model)**

Minimum was achieved  
Chi-square = 235,927  
Degrees of freedom = 17  
Probability level = ,000

**Group number 1 (Group number 1 - Default model)**

**Estimates (Group number 1 - Default model)**

**Scalar Estimates (Group number 1 - Default model)**

**Maximum Likelihood Estimates**

**Regression Weights: (Group number 1 - Default model)**

|            | Estimate | S.E.   | C.R.   | P    | Label |
|------------|----------|--------|--------|------|-------|
| Y1 <--- X1 | ,430     | ,086   | 4,979  | ***  |       |
| Y1 <--- X2 | ,010     | ,014   | ,747   | ,455 |       |
| Y1 <--- X3 | ,509     | ,189   | 2,699  | ,007 |       |
| Y1 <--- X4 | -,018    | ,009   | -1,960 | ,050 |       |
| Y1 <--- X5 | ,404     | ,118   | 3,418  | ***  |       |
| Y2 <--- X1 | -,039    | ,052   | -,750  | ,453 |       |
| Y2 <--- X2 | -,003    | ,004   | -,619  | ,536 |       |
| Y2 <--- X3 | ,132     | ,077   | 1,712  | ,087 |       |
| Y2 <--- X4 | -,005    | ,004   | -1,304 | ,192 |       |
| Y2 <--- X6 | ,003     | ,006   | ,614   | ,539 |       |
| Y2 <--- Y1 | ,395     | ,115   | 3,434  | ***  |       |
| Y3 <--- Y1 | 32,369   | 17,993 | 1,799  | ,072 |       |
| Y3 <--- Y2 | -226,959 | 31,382 | -7,232 | ***  |       |
| Y3 <--- X1 | 19,914   | 6,747  | 2,951  | ,003 |       |
| Y3 <--- X2 | -3,500   | ,600   | -5,829 | ***  |       |
| Y3 <--- X3 | -2,853   | 10,227 | -,279  | ,780 |       |
| Y3 <--- X4 | ,961     | ,501   | 1,920  | ,055 |       |
| Y3 <--- X5 | 36,766   | 7,218  | 5,093  | ***  |       |
| Y3 <--- X6 | ,772     | ,719   | 1,074  | ,283 |       |

**Standardized Regression Weights: (Group number 1 - Default model)**

|            | Estimate |
|------------|----------|
| Y1 <--- X1 | ,696     |
| Y1 <--- X2 | ,026     |
| Y1 <--- X3 | ,210     |
| Y1 <--- X4 | -,137    |
| Y1 <--- X5 | ,660     |
| Y2 <--- X1 | -,166    |
| Y2 <--- X2 | -,017    |
| Y2 <--- X3 | ,142     |
| Y2 <--- X4 | -,099    |



|            | Estimate |
|------------|----------|
| Y2 <--- X6 | ,148     |
| Y2 <--- Y1 | 1,028    |
| Y3 <--- Y1 | ,721     |
| Y3 <--- Y2 | -1,940   |
| Y3 <--- X1 | ,717     |
| Y3 <--- X2 | -,194    |
| Y3 <--- X3 | -,026    |
| Y3 <--- X4 | ,163     |
| Y3 <--- X5 | 1,339    |
| Y3 <--- X6 | ,280     |

**Variances: (Group number 1 - Default model)**

|    | Estimate | S.E.   | C.R.  | P    | Label |
|----|----------|--------|-------|------|-------|
| X1 | ,545     | ,168   | 3,240 | ,001 |       |
| X2 | 1,290    | ,398   | 3,240 | ,001 |       |
| X3 | ,035     | ,011   | 3,240 | ,001 |       |
| X4 | 12,056   | 3,721  | 3,240 | ,001 |       |
| X5 | ,557     | ,172   | 3,240 | ,001 |       |
| X6 | 55,174   | 17,027 | 3,240 | ,001 |       |
| e1 | ,003     | ,001   | 3,240 | ,001 |       |
| e2 | ,000     | ,000   | 3,240 | ,001 |       |
| e3 | 6,013    | 1,856  | 3,240 | ,001 |       |

**Squared Multiple Correlations: (Group number 1 - Default model)**

|    | Estimate |
|----|----------|
| Y1 | ,983     |
| Y2 | ,987     |
| Y3 | ,986     |

**Matrices (Group number 1 - Default model)**

**Residual Covariances (Group number 1 - Default model)**

|    | X6     | X5     | X4     | X3   | X2   | X1   | Y1 | Y2 | Y3 |
|----|--------|--------|--------|------|------|------|----|----|----|
| X6 | ,000   |        |        |      |      |      |    |    |    |
| X5 | 5,458  | ,000   |        |      |      |      |    |    |    |
| X4 | 20,027 | -2,125 | ,000   |      |      |      |    |    |    |
| X3 | 1,187  | ,117   | -,300  | ,000 |      |      |    |    |    |
| X2 | 1,773  | ,154   | -,300  | ,074 | ,000 |      |    |    |    |
| X1 | 5,303  | ,537   | -2,050 | ,111 | ,216 | ,000 |    |    |    |

|    | X6     | X5     | X4     | X3   | X2    | X1    | Y1    | Y2    | Y3      |
|----|--------|--------|--------|------|-------|-------|-------|-------|---------|
| Y1 | 5,522  | ,330   | -1,895 | ,101 | ,198  | ,313  | ,355  |       |         |
| Y2 | 2,222  | ,155   | -,776  | ,041 | ,087  | ,166  | ,169  | ,077  |         |
| Y3 | -      | -      | -      | ,847 | -     | -     | -     | -     | -       |
|    | 48,130 | 12,411 | 17,712 | 7    | 2,559 | 6,809 | 7,139 | 2,479 | 307,894 |

**Standardized Residual Covariances (Group number 1 - Default model)**

|    | X6     | X5     | X4     | X3    | X2    | X1     | Y1     | Y2     | Y3     |
|----|--------|--------|--------|-------|-------|--------|--------|--------|--------|
| X6 | ,000   |        |        |       |       |        |        |        |        |
| X5 | 4,511  | ,000   |        |       |       |        |        |        |        |
| X4 | -3,558 | -3,756 | ,000   |       |       |        |        |        |        |
| X3 | 3,891  | 3,803  | -2,105 | ,000  |       |        |        |        |        |
| X2 | ,963   | ,833   | -,349  | 1,595 | ,000  |        |        |        |        |
| X1 | 4,430  | 4,467  | -3,664 | 3,674 | 1,178 | ,000   |        |        |        |
| Y1 | 7,463  | 3,705  | -5,430 | 5,281 | 1,752 | 3,490  | 5,527  |        |        |
| Y2 | 7,739  | 4,483  | -5,686 | 5,363 | 2,009 | 5,162  | 7,022  | 8,144  |        |
| Y3 | -1,449 | -3,327 | -1,008 | ,875  | -,494 | -2,038 | -3,416 | -3,161 | -2,374 |

**Factor Score Weights (Group number 1 - Default model)**

▪

**Total Effects (Group number 1 - Default model)**

|    | X6    | X5     | X4    | X3      | X2     | X1    | Y1      | Y2       |
|----|-------|--------|-------|---------|--------|-------|---------|----------|
| Y1 | ,000  | ,404   | -,018 | ,509    | ,010   | ,430  | ,000    | ,000     |
| Y2 | ,003  | ,159   | -,012 | ,333    | ,001   | ,130  | ,395    | ,000     |
| Y3 | -,021 | 13,674 | 3,120 | -61,881 | -3,481 | 4,249 | -57,196 | -226,959 |

**Standardized Total Effects (Group number 1 - Default model)**

|    | X6    | X5   | X4    | X3    | X2    | X1   | Y1     | Y2     |
|----|-------|------|-------|-------|-------|------|--------|--------|
| Y1 | ,000  | ,660 | -,137 | ,210  | ,026  | ,696 | ,000   | ,000   |
| Y2 | ,148  | ,679 | -,239 | ,357  | ,009  | ,549 | 1,028  | ,000   |
| Y3 | -,008 | ,498 | ,529  | -,568 | -,193 | ,153 | -1,274 | -1,940 |

**Direct Effects (Group number 1 - Default model)**

|    | X6   | X5     | X4    | X3     | X2     | X1     | Y1     | Y2       |
|----|------|--------|-------|--------|--------|--------|--------|----------|
| Y1 | ,000 | ,404   | -,018 | ,509   | ,010   | ,430   | ,000   | ,000     |
| Y2 | ,003 | ,000   | -,005 | ,132   | -,003  | -,039  | ,395   | ,000     |
| Y3 | ,772 | 36,766 | ,961  | -2,853 | -3,500 | 19,914 | 32,369 | -226,959 |

**Standardized Direct Effects (Group number 1 - Default model)**

|    | X6   | X5   | X4    | X3   | X2   | X1   | Y1   | Y2   |
|----|------|------|-------|------|------|------|------|------|
| Y1 | ,000 | ,660 | -,137 | ,210 | ,026 | ,696 | ,000 | ,000 |

|    | X6   | X5    | X4    | X3    | X2    | X1    | Y1    | Y2     |
|----|------|-------|-------|-------|-------|-------|-------|--------|
| Y2 | ,148 | ,000  | -,099 | ,142  | -,017 | -,166 | 1,028 | ,000   |
| Y3 | ,280 | 1,339 | ,163  | -,026 | -,194 | ,717  | ,721  | -1,940 |

**Indirect Effects (Group number 1 - Default model)**

|    | X6    | X5      | X4    | X3      | X2   | X1      | Y1      | Y2   |
|----|-------|---------|-------|---------|------|---------|---------|------|
| Y1 | ,000  | ,000    | ,000  | ,000    | ,000 | ,000    | ,000    | ,000 |
| Y2 | ,000  | ,159    | -,007 | ,201    | ,004 | ,170    | ,000    | ,000 |
| Y3 | -,794 | -23,092 | 2,159 | -59,027 | ,019 | -15,665 | -89,565 | ,000 |

**Standardized Indirect Effects (Group number 1 - Default model)**

|    | X6    | X5    | X4    | X3    | X2   | X1    | Y1     | Y2   |
|----|-------|-------|-------|-------|------|-------|--------|------|
| Y1 | ,000  | ,000  | ,000  | ,000  | ,000 | ,000  | ,000   | ,000 |
| Y2 | ,000  | ,679  | -,140 | ,216  | ,026 | ,715  | ,000   | ,000 |
| Y3 | -,288 | -,841 | ,366  | -,542 | ,001 | -,564 | -1,994 | ,000 |

**Modification Indices (Group number 1 - Default model)**

**Covariances: (Group number 1 - Default model)**

|            | M.I.   | Par Change |
|------------|--------|------------|
| X5 <--> X6 | 20,348 | 5,458      |
| X4 <--> X6 | 12,663 | -20,027    |
| X4 <--> X5 | 14,111 | -2,125     |
| X3 <--> X6 | 15,139 | 1,187      |
| X3 <--> X5 | 14,464 | ,117       |
| X3 <--> X4 | 4,432  | -,300      |
| X1 <--> X6 | 19,625 | 5,303      |
| X1 <--> X5 | 19,951 | ,537       |
| X1 <--> X4 | 13,423 | -2,050     |
| X1 <--> X3 | 13,496 | ,111       |

**Variances: (Group number 1 - Default model)**

|  | M.I. | Par Change |
|--|------|------------|
|  |      |            |

**Regression Weights: (Group number 1 - Default model)**

|  | M.I. | Par Change |
|--|------|------------|
|  |      |            |

**Minimization History (Default model)**

| Iteration | Negative eigenvalues | Condition # | Smallest eigenvalue | Diameter | F       | NTrises | Ratio    |
|-----------|----------------------|-------------|---------------------|----------|---------|---------|----------|
| 0         | e                    | 3           | -,443               | 9999,000 | 526,067 | 0       | 9999,000 |

| Iteration | Negative eigenvalues | Condition # | Smallest eigenvalue | Diameter | F       | NTrises | Ratio |
|-----------|----------------------|-------------|---------------------|----------|---------|---------|-------|
| 1         | e*                   | 3           | -8,035              | 1,612    | 418,825 | 18      | ,769  |
| 2         | e*                   | 3           | -90,495             | ,238     | 368,415 | 7       | 1,113 |
| 3         | e*                   | 3           | -469,109            | ,049     | 345,175 | 6       | 1,156 |
| 4         | e                    | 3           | -25,552             | ,011     | 336,416 | 7       | ,979  |
| 5         | e                    | 2           | -26,065             | ,006     | 333,779 | 4       | ,628  |
| 6         | e*                   | 2           | -175,293            | ,111     | 298,600 | 12      | 1,249 |
| 7         | e                    | 1           | -,035               | ,013     | 292,146 | 7       | ,818  |
| 8         | e                    | 1           | -,034               | ,044     | 286,895 | 9       | ,734  |
| 9         | e                    | 1           | -,007               | ,545     | 273,257 | 12      | ,818  |
| 10        | e                    | 0           | 38091955,034        | 2,091    | 259,375 | 8       | ,711  |
| 11        | e                    | 0           | 973615,292          | 5,293    | 250,823 | 5       | ,000  |
| 12        | e                    | 0           | 991982,280          | ,651     | 241,233 | 1       | 1,269 |
| 13        | e                    | 0           | 1275505,611         | ,239     | 237,408 | 1       | 1,262 |
| 14        | e                    | 0           | 1558427,095         | ,085     | 236,163 | 1       | 1,216 |
| 15        | e                    | 0           | 1737601,085         | ,023     | 235,938 | 1       | 1,132 |
| 16        | e                    | 0           | 1809278,519         | ,003     | 235,927 | 1       | 1,040 |
| 17        | e                    | 0           | 1839201,204         | ,000     | 235,927 | 1       | 1,003 |
| 18        | e                    | 0           | 1782054,655         | ,000     | 235,927 | 1       | 1,010 |

### Miscellaneous

### Model Fit Summary

#### CMIN

| Model              | NPAR | CMIN    | DF | P    | CMIN/DF |
|--------------------|------|---------|----|------|---------|
| Default model      | 28   | 235,927 | 17 | ,000 | 13,878  |
| Saturated model    | 45   | ,000    | 0  |      |         |
| Independence model | 9    | 522,483 | 36 | ,000 | 14,513  |

## RMR, GFI

| Model              | RMR    | GFI   | AGFI  | PGFI |
|--------------------|--------|-------|-------|------|
| Default model      | 46,716 | ,378  | -,647 | ,143 |
| Saturated model    | ,000   | 1,000 |       |      |
| Independence model | 8,780  | ,183  | -,021 | ,147 |

## Baseline Comparisons

| Model              | NFI<br>Delta1 | RFI<br>rho1 | IFI<br>Delta2 | TLI<br>rho2 | CFI   |
|--------------------|---------------|-------------|---------------|-------------|-------|
| Default model      | ,548          | ,044        | ,567          | ,047        | ,550  |
| Saturated model    | 1,000         |             | 1,000         |             | 1,000 |
| Independence model | ,000          | ,000        | ,000          | ,000        | ,000  |

## Parsimony-Adjusted Measures

| Model              | PRATIO | PNFI | PCFI |
|--------------------|--------|------|------|
| Default model      | ,472   | ,259 | ,260 |
| Saturated model    | ,000   | ,000 | ,000 |
| Independence model | 1,000  | ,000 | ,000 |

## NCP

| Model              | NCP     | LO 90   | HI 90   |
|--------------------|---------|---------|---------|
| Default model      | 218,927 | 172,984 | 272,316 |
| Saturated model    | ,000    | ,000    | ,000    |
| Independence model | 486,483 | 416,272 | 564,132 |

## FMIN

| Model              | FMIN   | F0     | LO 90  | HI 90  |
|--------------------|--------|--------|--------|--------|
| Default model      | 11,235 | 10,425 | 8,237  | 12,967 |
| Saturated model    | ,000   | ,000   | ,000   | ,000   |
| Independence model | 24,880 | 23,166 | 19,822 | 26,863 |

## RMSEA

| Model              | RMSEA | LO 90 | HI 90 | PCLOSE |
|--------------------|-------|-------|-------|--------|
| Default model      | ,783  | ,696  | ,873  | ,000   |
| Independence model | ,802  | ,742  | ,864  | ,000   |

## AIC

| Model              | AIC     | BCC     | BIC     | CAIC    |
|--------------------|---------|---------|---------|---------|
| Default model      | 291,927 | 342,836 | 322,476 | 350,476 |
| Saturated model    | 90,000  | 171,818 | 139,097 | 184,097 |
| Independence model | 540,483 | 556,846 | 550,302 | 559,302 |

## ECVI

| Model              | ECVI   | LO 90  | HI 90  | MECVI  |
|--------------------|--------|--------|--------|--------|
| Default model      | 13,901 | 11,714 | 16,444 | 16,326 |
| Saturated model    | 4,286  | 4,286  | 4,286  | 8,182  |
| Independence model | 25,737 | 22,394 | 29,435 | 26,516 |

## HOELTER

| Model              | HOELTER<br>.05 | HOELTER<br>.01 |
|--------------------|----------------|----------------|
| Default model      | 3              | 3              |
| Independence model | 3              | 3              |

## Execution time summary

Minimization: ,031  
Miscellaneous: ,212  
Bootstrap: ,000  
Total: ,243

## HASIL OLAH DATA JIKA VARIABEL PERSEPSI KORUPSI DIHILANGKAN

### Groups

#### Group number 1 (Group number 1)

#### Notes for Group (Group number 1)

The model is recursive.

Sample size = 22

#### Variable Summary (Group number 1)

#### Your model contains the following variables (Group number 1)

Observed, endogenous variables

Y1

Y2

Y3

Observed, exogenous variables

X1

X2

X3

X4

X5

Unobserved, exogenous variables

e1

e3

e2

#### Variable counts (Group number 1)

Number of variables in your model: 11

Number of observed variables: 8

Number of unobserved variables: 3

Number of exogenous variables: 8

Number of endogenous variables: 3

#### Parameter Summary (Group number 1)

|           | Weights | Covariances | Variances | Means | Intercepts | Total |
|-----------|---------|-------------|-----------|-------|------------|-------|
| Fixed     | 3       | 0           | 0         | 0     | 0          | 3     |
| Labeled   | 0       | 0           | 0         | 0     | 0          | 0     |
| Unlabeled | 17      | 0           | 8         | 0     | 0          | 25    |
| Total     | 20      | 0           | 8         | 0     | 0          | 28    |

### Assessment of normality (Group number 1)

| Variable     | min    | max    | skew  | c.r.  | kurtosis | c.r.   |
|--------------|--------|--------|-------|-------|----------|--------|
| X5           | 12,285 | 14,800 | -,230 | -,440 | -1,070   | -1,025 |
| X4           | 3,500  | 17,600 | 1,105 | 2,115 | ,715     | ,685   |
| X3           | 9,044  | 9,581  | ,275  | ,527  | -1,608   | -1,539 |
| X2           | ,627   | 5,930  | 1,737 | 3,325 | 3,796    | 3,634  |
| X1           | 12,146 | 14,820 | -,228 | -,437 | -1,042   | -,997  |
| Y1           | 6,616  | 8,970  | -,114 | -,218 | -1,383   | -1,324 |
| Y2           | 35,910 | 36,930 | -,031 | -,060 | -1,337   | -1,280 |
| Y3           | 49,440 | 88,440 | -,315 | -,603 | -,489    | -,468  |
| Multivariate |        |        |       |       | 9,709    | 1,800  |

### Observations farthest from the centroid (Mahalanobis distance) (Group number 1)

| Observation number | Mahalanobis d-squared | p1   | p2   |
|--------------------|-----------------------|------|------|
| 1                  | 18,146                | ,020 | ,361 |
| 22                 | 17,365                | ,027 | ,115 |
| 2                  | 13,338                | ,101 | ,385 |
| 5                  | 11,685                | ,166 | ,507 |
| 11                 | 11,437                | ,178 | ,353 |
| 9                  | 10,950                | ,205 | ,286 |
| 4                  | 9,228                 | ,323 | ,600 |
| 21                 | 8,854                 | ,355 | ,545 |
| 20                 | 8,666                 | ,371 | ,434 |
| 3                  | 7,796                 | ,454 | ,579 |
| 12                 | 7,529                 | ,481 | ,512 |



| Observation number | Mahalanobis d-squared | p1   | p2   |
|--------------------|-----------------------|------|------|
| 17                 | 7,241                 | ,511 | ,457 |
| 13                 | 7,182                 | ,517 | ,317 |
| 18                 | 6,429                 | ,599 | ,451 |
| 7                  | 5,646                 | ,687 | ,620 |
| 6                  | 5,089                 | ,748 | ,692 |
| 16                 | 4,113                 | ,847 | ,892 |
| 14                 | 4,062                 | ,852 | ,780 |
| 19                 | 3,203                 | ,921 | ,909 |
| 8                  | 2,932                 | ,939 | ,850 |
| 15                 | 2,652                 | ,954 | ,734 |
| 10                 | 2,457                 | ,964 | ,443 |

## Models

### Default model (Default model)

### Notes for Model (Default model)

### Computation of degrees of freedom (Default model)

Number of distinct sample moments: 36

Number of distinct parameters to be estimated: 25

Degrees of freedom (36 - 25): 11

### Result (Default model)

Minimum was achieved

Chi-square = 139,665

Degrees of freedom = 11

Probability level = ,000

### Group number 1 (Group number 1 - Default model)

### Estimates (Group number 1 - Default model)

### Scalar Estimates (Group number 1 - Default model)

### Maximum Likelihood Estimates

**Regression Weights: (Group number 1 - Default model)**

|            | Estimate | S.E.   | C.R.   | P    | Label |
|------------|----------|--------|--------|------|-------|
| Y1 <--- X1 | ,430     | ,017   | 24,751 | ***  |       |
| Y1 <--- X2 | ,010     | ,011   | ,916   | ,360 |       |
| Y1 <--- X3 | ,509     | ,068   | 7,470  | ***  |       |
| Y1 <--- X4 | -,018    | ,004   | -4,859 | ***  |       |
| Y1 <--- X5 | ,404     | ,017   | 23,494 | ***  |       |
| Y2 <--- X1 | -,058    | ,008   | -6,846 | ***  |       |
| Y2 <--- X2 | -,003    | ,004   | -,913  | ,361 |       |
| Y2 <--- X3 | ,115     | ,024   | 4,775  | ***  |       |
| Y2 <--- X4 | -,004    | ,001   | -2,944 | ,003 |       |
| Y2 <--- Y1 | ,455     | ,014   | 32,183 | ***  |       |
| Y3 <--- Y1 | 44,125   | 15,664 | 2,817  | ,005 |       |
| Y3 <--- Y2 | -225,165 | 27,605 | -8,157 | ***  |       |
| Y3 <--- X1 | 15,908   | 4,389  | 3,624  | ***  |       |
| Y3 <--- X2 | -3,629   | ,503   | -7,219 | ***  |       |
| Y3 <--- X3 | -6,928   | 6,428  | -1,078 | ,281 |       |
| Y3 <--- X4 | 1,254    | ,253   | 4,956  | ***  |       |
| Y3 <--- X5 | 37,701   | 3,845  | 9,804  | ***  |       |

**Standardized Regression Weights: (Group number 1 - Default model)**

|            | Estimate |
|------------|----------|
| Y1 <--- X1 | ,696     |
| Y1 <--- X2 | ,026     |
| Y1 <--- X3 | ,210     |
| Y1 <--- X4 | -,137    |
| Y1 <--- X5 | ,660     |
| Y2 <--- X1 | -,225    |
| Y2 <--- X2 | -,021    |
| Y2 <--- X3 | ,114     |
| Y2 <--- X4 | -,068    |

|            | Estimate |
|------------|----------|
| Y2 <--- Y1 | 1,091    |
| Y3 <--- Y1 | ,970     |
| Y3 <--- Y2 | -2,065   |
| Y3 <--- X1 | ,566     |
| Y3 <--- X2 | -,198    |
| Y3 <--- X3 | -,063    |
| Y3 <--- X4 | ,210     |
| Y3 <--- X5 | 1,355    |

**Variances: (Group number 1 - Default model)**

|    | Estimate | S.E.  | C.R.  | P    | Label |
|----|----------|-------|-------|------|-------|
| X1 | ,545     | ,168  | 3,240 | ,001 |       |
| X2 | 1,290    | ,398  | 3,240 | ,001 |       |
| X3 | ,035     | ,011  | 3,240 | ,001 |       |
| X4 | 12,056   | 3,721 | 3,240 | ,001 |       |
| X5 | ,557     | ,172  | 3,240 | ,001 |       |
| e1 | ,003     | ,001  | 3,240 | ,001 |       |
| e2 | ,000     | ,000  | 3,240 | ,001 |       |
| e3 | 6,343    | 1,957 | 3,240 | ,001 |       |

**Squared Multiple Correlations: (Group number 1 - Default model)**

|    | Estimate |
|----|----------|
| Y1 | ,983     |
| Y2 | ,989     |
| Y3 | ,985     |

**Matrices (Group number 1 - Default model)**

**Total Effects (Group number 1 - Default model)**

|    | X5   | X4    | X3   | X2   | X1   | Y1   | Y2   |
|----|------|-------|------|------|------|------|------|
| Y1 | ,404 | -,018 | ,509 | ,010 | ,430 | ,000 | ,000 |



|    |       |       |       |      |       |        |      |
|----|-------|-------|-------|------|-------|--------|------|
|    | X5    | X4    | X3    | X2   | X1    | Y1     | Y2   |
| Y2 | ,720  | -,149 | ,229  | ,028 | ,759  | ,000   | ,000 |
| Y3 | -,847 | ,317  | -,505 | ,010 | -,429 | -2,253 | ,000 |

### Minimization History (Default model)

| Iteration | Negative eigenvalues | Condition # | Smallest eigenvalue | Diameter | F       | NTri es | Ratio    |
|-----------|----------------------|-------------|---------------------|----------|---------|---------|----------|
| 0         | e                    | 3           | -,418               | 9999,000 | 426,704 | 0       | 9999,000 |
| 1         | e*                   | 3           | -7,263              | 1,618    | 316,571 | 18      | ,818     |
| 2         | e*                   | 3           | -48,663             | ,238     | 269,868 | 7       | 1,112    |
| 3         | e*                   | 3           | -187,023            | ,072     | 241,998 | 6       | 1,095    |
| 4         | e*                   | 2           | -141,022            | ,032     | 227,613 | 5       | ,698     |
| 5         | e*                   | 2           | -,342               | ,034     | 207,939 | 5       | ,981     |
| 6         | e                    | 1           | -,052               | ,029     | 201,807 | 5       | ,808     |
| 7         | e                    | 1           | -,010               | ,661     | 180,202 | 13      | ,759     |
| 8         | e                    | 0           | 89224832,827        | 1,661    | 165,664 | 8       | ,710     |
| 9         | e                    | 0           | 2385811,823         | 4,525    | 148,786 | 6       | ,000     |
| 10        | e                    | 0           | 1228376,722         | 2,503    | 140,773 | 1       | 1,024    |
| 11        | e                    | 0           | 1313683,216         | ,035     | 139,809 | 1       | 1,196    |
| 12        | e                    | 0           | 1406419,642         | ,009     | 139,669 | 1       | 1,112    |
| 13        | e                    | 0           | 1482858,458         | ,001     | 139,665 | 1       | 1,027    |
| 14        | e                    | 0           | 1462159,151         | ,000     | 139,665 | 1       | 1,001    |

| Iteration | Negative eigenvalues | Condition # | Smallest eigenvalue | Diameter | F       | NTrises | Ratio |
|-----------|----------------------|-------------|---------------------|----------|---------|---------|-------|
| 15        | e 0                  | 1486099,408 |                     | ,000     | 139,665 | 1       | 1,000 |

### Model Fit Summary

#### CMIN

| Model              | NPAR | CMIN    | DF | P    | CMIN/DF |
|--------------------|------|---------|----|------|---------|
| Default model      | 25   | 139,665 | 11 | ,000 | 12,697  |
| Saturated model    | 36   | ,000    | 0  |      |         |
| Independence model | 8    | 424,724 | 28 | ,000 | 15,169  |

#### RMR, GFI

| Model              | RMR    | GFI   | AGFI  | PGFI |
|--------------------|--------|-------|-------|------|
| Default model      | 53,344 | ,492  | -,662 | ,150 |
| Saturated model    | ,000   | 1,000 |       |      |
| Independence model | 3,865  | ,217  | -,007 | ,169 |

#### Baseline Comparisons

| Model              | NFI Delta1 | RFI rho1 | IFI Delta2 | TLI rho2 | CFI   |
|--------------------|------------|----------|------------|----------|-------|
| Default model      | ,671       | ,163     | ,689       | ,174     | ,676  |
| Saturated model    | 1,000      |          | 1,000      |          | 1,000 |
| Independence model | ,000       | ,000     | ,000       | ,000     | ,000  |

#### Parsimony-Adjusted Measures

| Model              | PRATIO | PNFI | PCFI |
|--------------------|--------|------|------|
| Default model      | ,393   | ,264 | ,265 |
| Saturated model    | ,000   | ,000 | ,000 |
| Independence model | 1,000  | ,000 | ,000 |

#### NCP

| Model              | NCP     | LO 90   | HI 90   |
|--------------------|---------|---------|---------|
| Default model      | 128,665 | 94,215  | 170,565 |
| Saturated model    | ,000    | ,000    | ,000    |
| Independence model | 396,724 | 333,728 | 467,157 |

### FMIN

| Model              | FMIN   | F0     | LO 90  | HI 90  |
|--------------------|--------|--------|--------|--------|
| Default model      | 6,651  | 6,127  | 4,486  | 8,122  |
| Saturated model    | ,000   | ,000   | ,000   | ,000   |
| Independence model | 20,225 | 18,892 | 15,892 | 22,246 |

### RMSEA

| Model              | RMSEA | LO 90 | HI 90 | PCLOSE |
|--------------------|-------|-------|-------|--------|
| Default model      | ,746  | ,639  | ,859  | ,000   |
| Independence model | ,821  | ,753  | ,891  | ,000   |

### AIC

| Model              | AIC     | BCC     | BIC     | CAIC    |
|--------------------|---------|---------|---------|---------|
| Default model      | 189,665 | 227,165 | 216,941 | 241,941 |
| Saturated model    | 72,000  | 126,000 | 111,278 | 147,278 |
| Independence model | 440,724 | 452,724 | 449,452 | 457,452 |

### ECVI

| Model              | ECVI   | LO 90  | HI 90  | MECVI  |
|--------------------|--------|--------|--------|--------|
| Default model      | 9,032  | 7,391  | 11,027 | 10,817 |
| Saturated model    | 3,429  | 3,429  | 3,429  | 6,000  |
| Independence model | 20,987 | 17,987 | 24,341 | 21,558 |

### HOELTER

| Model         | HOELTER<br>.05 | HOELTER<br>.01 |
|---------------|----------------|----------------|
| Default model | 3              | 4              |

| Model              | HOELTER<br>.05 | HOELTER<br>.01 |
|--------------------|----------------|----------------|
| Independence model | 3              | 3              |

### Execution time summary

Minimization: ,065

Miscellaneous: ,514

Bootstrap: ,000

Total: ,579