# Hasil Modification Indicies Untuk Menentukan Goodness Of Fit (Fit Model)



1. **Analysis Summary**
2. **Date and Time**

Date: Monday, February 1, 2021

Time: 4:30:23 PM

1. **Title**

13. full model fit (free outlier): Monday, February 1, 2021 4:30 PM

1. **Variable Summary (Group number 1)**
2. **Your model contains the following variables (Group number 1)**

Observed, endogenous variables

Y.1

Y.2

Y.3

X2.2

X2.3

X1.1

X1.2

X1.3

X1.4

X3.1

X3.2

X3.3

Y.4

X2.4

X2.5

X1.5

X1.6

X1.7

X1.8

X3.4

X3.5

X3.6

X2.1

Unobserved, endogenous variables

DE

SA

Unobserved, exogenous variables

e1

e2

e3

KOI

e4

e5

e6

KK

e7

e8

e9

e10

e11

e12

e13

e14

e15

e16

e17

e18

e19

e20

e21

e22

e23

e24

e25

1. **Variable counts (Group number 1)**

|  |  |
| --- | --- |
| Number of variables in your model: | 52 |
| Number of observed variables: | 23 |
| Number of unobserved variables: | 29 |
| Number of exogenous variables: | 27 |
| Number of endogenous variables: | 25 |

1. **Parameter Summary (Group number 1)**

|  | Weights | Covariances | Variances | Means | Intercepts | Total |
| --- | --- | --- | --- | --- | --- | --- |
| Fixed | 29 | 0 | 0 | 0 | 0 | 29 |
| Labeled | 0 | 0 | 0 | 0 | 0 | 0 |
| Unlabeled | 24 | 14 | 27 | 0 | 0 | 65 |
| Total | 53 | 14 | 27 | 0 | 0 | 94 |

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|  | Weights | Covariances | Variances | Means | Intercepts | Total |
| --- | --- | --- | --- | --- | --- | --- |
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| Labeled | 0 | 0 | 0 | 0 | 0 | 0 |
| Unlabeled | 24 | 14 | 27 | 0 | 0 | 65 |
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#####  **Assessment of normality (Group number 1)**

| Variable | min | max | skew | c.r. | kurtosis | c.r. |
| --- | --- | --- | --- | --- | --- | --- |
| X2.1 | 5.000 | 12.000 | .090 | .659 | .963 | 3.544 |
| X3.6 | 3.000 | 11.000 | -.071 | -.525 | -.466 | -1.714 |
| X3.5 | 4.000 | 13.000 | 1.485 | 10.927 | 2.057 | 7.569 |
| X3.4 | 3.000 | 12.000 | .976 | 7.181 | .967 | 3.558 |
| X1.8 | 3.000 | 8.000 | -.415 | -3.051 | -.403 | -1.482 |
| X1.7 | 4.000 | 8.000 | -.358 | -2.636 | .117 | .430 |
| X1.6 | 6.000 | 16.000 | -.116 | -.852 | -.229 | -.842 |
| X1.5 | 3.000 | 8.000 | .052 | .382 | -.518 | -1.908 |
| X2.5 | 5.000 | 12.000 | .065 | .481 | .486 | 1.788 |
| X2.4 | 7.000 | 16.000 | .409 | 3.009 | .011 | .041 |
| Y.4 | 7.000 | 23.000 | .318 | 2.342 | -.320 | -1.178 |
| X3.3 | 3.000 | 12.000 | .785 | 5.775 | .477 | 1.754 |
| X3.2 | 2.000 | 8.000 | .301 | 2.214 | -.351 | -1.293 |
| X3.1 | 5.000 | 16.000 | 1.245 | 9.166 | 1.764 | 6.492 |
| X1.4 | 8.000 | 16.000 | -.497 | -3.659 | -.434 | -1.598 |
| X1.3 | 9.000 | 20.000 | -.316 | -2.325 | .304 | 1.120 |
| X1.2 | 6.000 | 16.000 | .055 | .401 | -.454 | -1.672 |
| X1.1 | 9.000 | 20.000 | -.624 | -4.591 | .153 | .562 |
| X2.3 | 9.000 | 16.000 | .292 | 2.152 | -.223 | -.820 |
| X2.2 | 8.000 | 16.000 | -.002 | -.015 | -.406 | -1.495 |
| Y.3 | 6.000 | 22.000 | .146 | 1.074 | .252 | .928 |
| Y.2 | 5.000 | 17.000 | .450 | 3.315 | -.237 | -.872 |
| Y.1 | 4.000 | 14.000 | .980 | 7.210 | .598 | 2.199 |
| Multivariate  |  |  |  |  | 43.877 | 11.663 |

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

| Observation number | Mahalanobis d-squared | p1 | p2 |
| --- | --- | --- | --- |
| 166 | 49.492 | .001 | .295 |
| 291 | 48.781 | .001 | .070 |
| 91 | 46.400 | .003 | .057 |
| 33 | 46.273 | .003 | .013 |
| 129 | 46.188 | .003 | .003 |
| 80 | 46.048 | .003 | .000 |
| 41 | 45.990 | .003 | .000 |
| 13 | 45.984 | .003 | .000 |
| 275 | 45.849 | .003 | .000 |
| 262 | 44.860 | .004 | .000 |
| 304 | 44.546 | .005 | .000 |
| 114 | 43.974 | .005 | .000 |
| 10 | 42.814 | .007 | .000 |
| 192 | 42.768 | .007 | .000 |
| 139 | 42.007 | .009 | .000 |
| 153 | 41.780 | .010 | .000 |
| 295 | 41.418 | .011 | .000 |
| 121 | 41.305 | .011 | .000 |
| 35 | 40.732 | .013 | .000 |
| 209 | 40.558 | .013 | .000 |
| 285 | 40.009 | .015 | .000 |
| 6 | 39.931 | .016 | .000 |
| 38 | 39.719 | .017 | .000 |
| 302 | 39.405 | .018 | .000 |
| 325 | 38.377 | .023 | .000 |
| 266 | 38.082 | .025 | .000 |
| 318 | 37.646 | .028 | .000 |
| 123 | 37.364 | .030 | .000 |
| 11 | 36.978 | .033 | .000 |
| 58 | 36.940 | .033 | .000 |
| 203 | 36.581 | .036 | .000 |
| 64 | 36.443 | .037 | .000 |
| 133 | 36.141 | .040 | .000 |
| 286 | 35.842 | .043 | .000 |
| 223 | 35.585 | .045 | .000 |
| 237 | 34.969 | .052 | .000 |
| 52 | 34.904 | .053 | .000 |
| 239 | 34.697 | .056 | .000 |
| 17 | 34.590 | .057 | .000 |
| 233 | 34.567 | .057 | .000 |
| 113 | 34.293 | .061 | .000 |
| 170 | 34.144 | .063 | .000 |
| 316 | 33.905 | .067 | .000 |
| 178 | 33.478 | .073 | .000 |
| 248 | 33.242 | .077 | .000 |
| 48 | 33.167 | .078 | .000 |
| 309 | 33.109 | .079 | .000 |
| 63 | 32.883 | .083 | .000 |
| 24 | 32.879 | .083 | .000 |
| 301 | 32.861 | .084 | .000 |
| 62 | 32.806 | .085 | .000 |
| 174 | 32.737 | .086 | .000 |
| 44 | 32.406 | .092 | .000 |
| 253 | 32.387 | .092 | .000 |
| 125 | 32.287 | .094 | .000 |
| 81 | 31.994 | .100 | .000 |
| 243 | 31.649 | .108 | .000 |
| 120 | 31.617 | .108 | .000 |
| 311 | 31.569 | .109 | .000 |
| 289 | 31.507 | .111 | .000 |
| 29 | 31.212 | .118 | .000 |
| 319 | 31.198 | .118 | .000 |
| 260 | 31.127 | .120 | .000 |
| 118 | 30.913 | .125 | .000 |
| 61 | 30.562 | .134 | .001 |
| 3 | 30.440 | .137 | .001 |
| 156 | 30.322 | .140 | .001 |
| 45 | 30.234 | .143 | .001 |
| 238 | 30.203 | .144 | .001 |
| 212 | 30.150 | .145 | .000 |
| 191 | 30.104 | .146 | .000 |
| 85 | 30.013 | .149 | .000 |
| 263 | 29.854 | .154 | .000 |
| 8 | 29.516 | .164 | .002 |
| 181 | 29.491 | .165 | .001 |
| 66 | 29.429 | .167 | .001 |
| 34 | 29.380 | .168 | .001 |
| 230 | 29.291 | .171 | .001 |
| 54 | 29.179 | .174 | .001 |
| 15 | 29.122 | .176 | .001 |
| 18 | 29.025 | .179 | .001 |
| 210 | 28.861 | .185 | .002 |
| 294 | 28.704 | .190 | .002 |
| 244 | 28.691 | .191 | .002 |
| 78 | 28.669 | .192 | .001 |
| 189 | 28.445 | .199 | .003 |
| 31 | 28.439 | .200 | .002 |
| 141 | 28.410 | .201 | .001 |
| 299 | 28.369 | .202 | .001 |
| 76 | 28.347 | .203 | .001 |
| 39 | 28.312 | .204 | .001 |
| 102 | 28.063 | .213 | .002 |
| 46 | 27.791 | .224 | .005 |
| 250 | 27.720 | .227 | .005 |
| 9 | 27.609 | .231 | .006 |
| 162 | 27.123 | .251 | .038 |
| 74 | 27.084 | .252 | .034 |
| 150 | 27.023 | .255 | .033 |
| 270 | 26.975 | .257 | .030 |
| 235 | 26.943 | .258 | .026 |

#####  **Sample Moments (Group number 1)**

**Sample Covariances (Group number 1)**

|  | X2.1 | X3.6 | X3.5 | X3.4 | X1.8 | X1.7 | X1.6 | X1.5 | X2.5 | X2.4 | Y.4 | X3.3 | X3.2 | X3.1 | X1.4 | X1.3 | X1.2 | X1.1 | X2.3 | X2.2 | Y.3 | Y.2 | Y.1 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| X2.1 | 1.413 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.6 | -.175 | 3.905 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.5 | -.223 | 1.749 | 3.345 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.4 | -.378 | 1.939 | 2.069 | 3.480 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.8 | .219 | -.025 | -.286 | -.194 | 1.075 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.7 | .144 | -.346 | -.297 | -.476 | .310 | .764 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.6 | .419 | -.360 | -.312 | -.424 | .678 | .314 | 3.621 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.5 | .138 | -.307 | -.192 | -.349 | .440 | .308 | .893 | 1.308 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X2.5 | .274 | -.084 | .008 | -.109 | .184 | .205 | .382 | .208 | 1.317 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X2.4 | .617 | -.023 | -.345 | -.479 | .238 | .309 | .573 | .318 | .506 | 2.565 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y.4 | -.652 | 1.146 | 1.877 | 2.061 | -.723 | -.560 | -1.471 | -.487 | -.524 | -1.456 | 10.474 |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.3 | -.459 | 2.127 | 1.962 | 2.474 | -.176 | -.381 | -.418 | -.376 | -.152 | -.435 | 2.176 | 3.828 |  |  |  |  |  |  |  |  |  |  |  |
| X3.2 | -.192 | 1.444 | 1.208 | 1.623 | -.061 | -.198 | -.177 | -.076 | -.057 | -.325 | 1.095 | 1.903 | 2.336 |  |  |  |  |  |  |  |  |  |  |
| X3.1 | -.294 | 1.529 | 1.795 | 1.852 | -.100 | -.450 | -.540 | -.323 | -.190 | -.266 | 2.128 | 1.976 | 1.347 | 4.067 |  |  |  |  |  |  |  |  |  |
| X1.4 | .363 | -.567 | -.670 | -.729 | 1.038 | .817 | 1.517 | .983 | .474 | .736 | -1.780 | -.719 | -.308 | -.757 | 3.701 |  |  |  |  |  |  |  |  |
| X1.3 | .479 | -.808 | -1.096 | -1.373 | .947 | .927 | 1.122 | .923 | .497 | .988 | -1.465 | -1.328 | -.639 | -.800 | 2.204 | 3.819 |  |  |  |  |  |  |  |
| X1.2 | .469 | -.456 | -.575 | -.707 | .930 | .511 | 1.454 | 1.181 | .519 | .555 | -1.079 | -.888 | -.434 | -.673 | 1.380 | 1.785 | 4.463 |  |  |  |  |  |  |
| X1.1 | .425 | -.568 | -.982 | -.866 | 1.141 | .777 | 1.590 | 1.132 | .549 | 1.005 | -1.913 | -.835 | -.363 | -.819 | 2.794 | 2.456 | 2.320 | 4.813 |  |  |  |  |  |
| X2.3 | .663 | .061 | -.241 | -.288 | .497 | .437 | .840 | .401 | .531 | 1.074 | -1.492 | -.506 | -.033 | -.258 | 1.017 | 1.020 | .617 | .961 | 2.156 |  |  |  |  |
| X2.2 | .528 | .087 | -.203 | -.578 | .096 | .316 | .638 | .236 | .338 | 1.065 | -1.402 | -.592 | -.308 | -.181 | .760 | .922 | .157 | .722 | 1.245 | 2.786 |  |  |  |
| Y.3 | -.927 | 1.737 | 1.796 | 2.099 | -.680 | -.635 | -.547 | -.640 | -.397 | -1.049 | 4.387 | 2.514 | 1.324 | 2.214 | -1.013 | -1.680 | -1.365 | -1.734 | -.858 | -.525 | 8.764 |  |  |
| Y.2 | -.858 | 1.357 | 1.082 | 1.344 | -.460 | -.386 | -.773 | -.172 | -.235 | -.542 | 2.025 | 1.681 | .933 | 1.640 | -.556 | -1.130 | -1.331 | -.994 | -.372 | -.369 | 3.891 | 7.730 |  |
| Y.1 | -.600 | 1.812 | 1.178 | 1.822 | -.450 | -.515 | -.267 | -.537 | -.221 | -.364 | 3.129 | 1.862 | 1.053 | 1.845 | -1.189 | -1.376 | -1.187 | -1.067 | -.356 | -.296 | 3.458 | 2.537 | 4.892 |

Condition number = 67.207

Eigenvalues

28.497 10.279 7.611 6.869 4.206 4.001 3.037 2.781 2.529 2.420 1.853 1.669 1.508 1.459 1.323 1.109 1.048 1.004 .953 .843 .688 .514 .424

Determinant of sample covariance matrix = 16855363.999

**Sample Correlations (Group number 1)**

|  | X2.1 | X3.6 | X3.5 | X3.4 | X1.8 | X1.7 | X1.6 | X1.5 | X2.5 | X2.4 | Y.4 | X3.3 | X3.2 | X3.1 | X1.4 | X1.3 | X1.2 | X1.1 | X2.3 | X2.2 | Y.3 | Y.2 | Y.1 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| X2.1 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.6 | -.074 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.5 | -.103 | .484 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.4 | -.170 | .526 | .607 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.8 | .177 | -.012 | -.151 | -.100 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.7 | .139 | -.200 | -.186 | -.292 | .342 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.6 | .185 | -.096 | -.090 | -.120 | .344 | .189 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X1.5 | .101 | -.136 | -.092 | -.164 | .371 | .308 | .411 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X2.5 | .201 | -.037 | .004 | -.051 | .154 | .204 | .175 | .158 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| X2.4 | .324 | -.007 | -.118 | -.160 | .143 | .221 | .188 | .174 | .275 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Y.4 | -.170 | .179 | .317 | .341 | -.216 | -.198 | -.239 | -.132 | -.141 | -.281 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |
| X3.3 | -.198 | .550 | .548 | .678 | -.087 | -.223 | -.112 | -.168 | -.068 | -.139 | .344 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |
| X3.2 | -.106 | .478 | .432 | .569 | -.039 | -.148 | -.061 | -.043 | -.033 | -.133 | .221 | .636 | 1.000 |  |  |  |  |  |  |  |  |  |  |
| X3.1 | -.123 | .384 | .487 | .492 | -.048 | -.256 | -.141 | -.140 | -.082 | -.082 | .326 | .501 | .437 | 1.000 |  |  |  |  |  |  |  |  |  |
| X1.4 | .159 | -.149 | -.191 | -.203 | .520 | .486 | .414 | .447 | .215 | .239 | -.286 | -.191 | -.105 | -.195 | 1.000 |  |  |  |  |  |  |  |  |
| X1.3 | .206 | -.209 | -.307 | -.377 | .467 | .543 | .302 | .413 | .222 | .316 | -.232 | -.347 | -.214 | -.203 | .586 | 1.000 |  |  |  |  |  |  |  |
| X1.2 | .187 | -.109 | -.149 | -.180 | .424 | .277 | .362 | .489 | .214 | .164 | -.158 | -.215 | -.135 | -.158 | .340 | .432 | 1.000 |  |  |  |  |  |  |
| X1.1 | .163 | -.131 | -.245 | -.212 | .501 | .405 | .381 | .451 | .218 | .286 | -.269 | -.195 | -.108 | -.185 | .662 | .573 | .501 | 1.000 |  |  |  |  |  |
| X2.3 | .380 | .021 | -.090 | -.105 | .326 | .340 | .301 | .239 | .315 | .457 | -.314 | -.176 | -.015 | -.087 | .360 | .355 | .199 | .298 | 1.000 |  |  |  |  |
| X2.2 | .266 | .026 | -.066 | -.186 | .056 | .216 | .201 | .124 | .177 | .398 | -.260 | -.181 | -.121 | -.054 | .237 | .283 | .045 | .197 | .508 | 1.000 |  |  |  |
| Y.3 | -.263 | .297 | .332 | .380 | -.221 | -.245 | -.097 | -.189 | -.117 | -.221 | .458 | .434 | .293 | .371 | -.178 | -.290 | -.218 | -.267 | -.197 | -.106 | 1.000 |  |  |
| Y.2 | -.260 | .247 | .213 | .259 | -.160 | -.159 | -.146 | -.054 | -.074 | -.122 | .225 | .309 | .220 | .292 | -.104 | -.208 | -.227 | -.163 | -.091 | -.079 | .473 | 1.000 |  |
| Y.1 | -.228 | .415 | .291 | .442 | -.196 | -.266 | -.063 | -.212 | -.087 | -.103 | .437 | .430 | .311 | .414 | -.279 | -.318 | -.254 | -.220 | -.110 | -.080 | .528 | .413 | 1.000 |

Condition number = 27.615

Eigenvalues

6.577 3.063 1.738 1.283 .974 .915 .844 .739 .715 .666 .623 .599 .556 .535 .482 .447 .431 .371 .351 .309 .286 .259 .238

#####  **Notes for Model (Default model)**

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

|  |  |
| --- | --- |
| Number of distinct sample moments: | 276 |
| Number of distinct parameters to be estimated: | 65 |
| Degrees of freedom (276 - 65): | 211 |

1. **Result (Default model)**

Minimum was achieved

Chi-square = 332.380

Degrees of freedom = 211

Probability level = .000

#####  **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 |
| --- | --- | --- | --- | --- | --- | --- | --- |
| SA | <--- | KK | -.229 | .059 | -3.879 | \*\*\* | par\_22 |
| SA | <--- | KOI | -.029 | .101 | -.292 | .771 | par\_23 |
| DE | <--- | KK | -.142 | .066 | -2.156 | .031 | par\_19 |
| DE | <--- | SA | .738 | .097 | 7.595 | \*\*\* | par\_20 |
| DE | <--- | KOI | -.282 | .117 | -2.417 | .016 | par\_21 |
| Y.1 | <--- | DE | 1.000 |  |  |  |  |
| Y.2 | <--- | DE | 1.004 | .113 | 8.886 | \*\*\* | par\_1 |
| Y.3 | <--- | DE | 1.348 | .120 | 11.278 | \*\*\* | par\_2 |
| X2.2 | <--- | KOI | 1.000 |  |  |  |  |
| X2.3 | <--- | KOI | 1.159 | .118 | 9.793 | \*\*\* | par\_3 |
| X1.2 | <--- | KK | .750 | .069 | 10.813 | \*\*\* | par\_4 |
| X1.3 | <--- | KK | .814 | .060 | 13.630 | \*\*\* | par\_5 |
| X1.4 | <--- | KK | .912 | .059 | 15.527 | \*\*\* | par\_6 |
| X3.1 | <--- | SA | 1.000 |  |  |  |  |
| X3.2 | <--- | SA | .786 | .079 | 9.922 | \*\*\* | par\_7 |
| X3.3 | <--- | SA | 1.232 | .106 | 11.596 | \*\*\* | par\_8 |
| Y.4 | <--- | DE | 1.297 | .132 | 9.849 | \*\*\* | par\_9 |
| X2.4 | <--- | KOI | .953 | .116 | 8.236 | \*\*\* | par\_10 |
| X2.5 | <--- | KOI | .453 | .077 | 5.842 | \*\*\* | par\_11 |
| X1.5 | <--- | KK | .370 | .037 | 10.048 | \*\*\* | par\_12 |
| X1.6 | <--- | KK | .561 | .061 | 9.127 | \*\*\* | par\_13 |
| X1.7 | <--- | KK | .274 | .028 | 9.683 | \*\*\* | par\_14 |
| X3.4 | <--- | SA | 1.200 | .102 | 11.732 | \*\*\* | par\_15 |
| X3.5 | <--- | SA | 1.031 | .096 | 10.781 | \*\*\* | par\_16 |
| X3.6 | <--- | SA | 1.009 | .101 | 9.958 | \*\*\* | par\_17 |
| X2.1 | <--- | KOI | .572 | .082 | 6.951 | \*\*\* | par\_18 |
| X1.1 | <--- | KK | 1.000 |  |  |  |  |
| X1.8 | <--- | KK | .379 | .032 | 11.768 | \*\*\* | par\_38 |

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

|  |  |  | Estimate |
| --- | --- | --- | --- |
| SA | <--- | KK | -.310 |
| SA | <--- | KOI | -.023 |
| DE | <--- | KK | -.154 |
| DE | <--- | SA | .592 |
| DE | <--- | KOI | -.179 |
| Y.1 | <--- | DE | .724 |
| Y.2 | <--- | DE | .578 |
| Y.3 | <--- | DE | .730 |
| X2.2 | <--- | KOI | .606 |
| X2.3 | <--- | KOI | .801 |
| X1.2 | <--- | KK | .618 |
| X1.3 | <--- | KK | .723 |
| X1.4 | <--- | KK | .824 |
| X3.1 | <--- | SA | .637 |
| X3.2 | <--- | SA | .660 |
| X3.3 | <--- | SA | .808 |
| Y.4 | <--- | DE | .641 |
| X2.4 | <--- | KOI | .604 |
| X2.5 | <--- | KOI | .400 |
| X1.5 | <--- | KK | .564 |
| X1.6 | <--- | KK | .510 |
| X1.7 | <--- | KK | .545 |
| X3.4 | <--- | SA | .826 |
| X3.5 | <--- | SA | .719 |
| X3.6 | <--- | SA | .658 |
| X2.1 | <--- | KOI | .488 |
| X1.1 | <--- | KK | .792 |
| X1.8 | <--- | KK | .639 |

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

|  |  |  | Estimate | S.E. | C.R. | P | Label |
| --- | --- | --- | --- | --- | --- | --- | --- |
| KOI | <--> | KK | .927 | .151 | 6.146 | \*\*\* | par\_24 |
| e7 | <--> | e9 | -.674 | .130 | -5.196 | \*\*\* | par\_25 |
| e7 | <--> | e16 | .297 | .099 | 2.997 | .003 | par\_26 |
| e8 | <--> | e18 | .238 | .062 | 3.828 | \*\*\* | par\_27 |
| e4 | <--> | e19 | -.224 | .067 | -3.366 | \*\*\* | par\_28 |
| e11 | <--> | e12 | .305 | .098 | 3.107 | .002 | par\_29 |
| e2 | <--> | e13 | -1.283 | .376 | -3.408 | \*\*\* | par\_30 |
| e1 | <--> | e21 | -.341 | .134 | -2.542 | .011 | par\_31 |
| e13 | <--> | e22 | -.624 | .235 | -2.661 | .008 | par\_32 |
| e13 | <--> | e21 | .145 | .215 | .676 | .499 | par\_33 |
| e8 | <--> | e24 | -.384 | .104 | -3.687 | \*\*\* | par\_34 |
| e1 | <--> | e17 | .535 | .158 | 3.386 | \*\*\* | par\_35 |
| e16 | <--> | e17 | .260 | .087 | 2.978 | .003 | par\_36 |
| e8 | <--> | e10 | .355 | .122 | 2.906 | .004 | par\_37 |

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

|  |  |  | Estimate |
| --- | --- | --- | --- |
| KOI | <--> | KK | .526 |
| e7 | <--> | e9 | -.373 |
| e7 | <--> | e16 | .190 |
| e8 | <--> | e18 | .241 |
| e4 | <--> | e19 | -.212 |
| e11 | <--> | e12 | .231 |
| e2 | <--> | e13 | -.228 |
| e1 | <--> | e21 | -.175 |
| e13 | <--> | e22 | -.169 |
| e13 | <--> | e21 | .046 |
| e8 | <--> | e24 | -.234 |
| e1 | <--> | e17 | .214 |
| e16 | <--> | e17 | .168 |
| e8 | <--> | e10 | .169 |

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

|  |  |  | Estimate | S.E. | C.R. | P | Label |
| --- | --- | --- | --- | --- | --- | --- | --- |
| KOI |  |  | 1.029 | .191 | 5.397 | \*\*\* | par\_39 |
| KK |  |  | 3.021 | .367 | 8.233 | \*\*\* | par\_40 |
| e24 |  |  | 1.476 | .245 | 6.025 | \*\*\* | par\_41 |
| e25 |  |  | 1.197 | .203 | 5.887 | \*\*\* | par\_42 |
| e1 |  |  | 2.322 | .246 | 9.425 | \*\*\* | par\_43 |
| e2 |  |  | 5.140 | .471 | 10.921 | \*\*\* | par\_44 |
| e3 |  |  | 4.092 | .430 | 9.517 | \*\*\* | par\_45 |
| e4 |  |  | 1.773 | .165 | 10.748 | \*\*\* | par\_46 |
| e5 |  |  | .774 | .119 | 6.494 | \*\*\* | par\_47 |
| e6 |  |  | 1.792 | .177 | 10.137 | \*\*\* | par\_48 |
| e7 |  |  | 2.748 | .247 | 11.119 | \*\*\* | par\_49 |
| e8 |  |  | 1.825 | .164 | 11.129 | \*\*\* | par\_50 |
| e9 |  |  | 1.188 | .137 | 8.680 | \*\*\* | par\_51 |
| e10 |  |  | 2.419 | .210 | 11.524 | \*\*\* | par\_52 |
| e11 |  |  | 1.317 | .119 | 11.101 | \*\*\* | par\_53 |
| e12 |  |  | 1.326 | .142 | 9.314 | \*\*\* | par\_54 |
| e13 |  |  | 6.170 | .602 | 10.257 | \*\*\* | par\_55 |
| e14 |  |  | 1.631 | .155 | 10.512 | \*\*\* | par\_56 |
| e15 |  |  | 1.106 | .092 | 12.065 | \*\*\* | par\_57 |
| e16 |  |  | .888 | .074 | 12.010 | \*\*\* | par\_58 |
| e17 |  |  | 2.699 | .221 | 12.186 | \*\*\* | par\_59 |
| e18 |  |  | .537 | .045 | 12.003 | \*\*\* | par\_60 |
| e19 |  |  | .629 | .054 | 11.639 | \*\*\* | par\_61 |
| e20 |  |  | 1.106 | .122 | 9.091 | \*\*\* | par\_62 |
| e21 |  |  | 1.638 | .151 | 10.822 | \*\*\* | par\_63 |
| e22 |  |  | 2.203 | .193 | 11.396 | \*\*\* | par\_64 |
| e23 |  |  | 1.077 | .093 | 11.604 | \*\*\* | par\_65 |

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

|  |  |  | Estimate |
| --- | --- | --- | --- |
| SA |  |  | .104 |
| DE |  |  | .533 |
| X2.1 |  |  | .238 |
| X3.6 |  |  | .432 |
| X3.5 |  |  | .517 |
| X3.4 |  |  | .682 |
| X1.8 |  |  | .408 |
| X1.7 |  |  | .297 |
| X1.6 |  |  | .260 |
| X1.5 |  |  | .318 |
| X2.5 |  |  | .160 |
| X2.4 |  |  | .364 |
| Y.4 |  |  | .411 |
| X3.3 |  |  | .653 |
| X3.2 |  |  | .436 |
| X3.1 |  |  | .405 |
| X1.4 |  |  | .679 |
| X1.3 |  |  | .523 |
| X1.2 |  |  | .382 |
| X1.1 |  |  | .628 |
| X2.3 |  |  | .641 |
| X2.2 |  |  | .367 |
| Y.3 |  |  | .532 |
| Y.2 |  |  | .334 |
| Y.1 |  |  | .525 |

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

**Implied (for all variables) Covariances (Group number 1 - Default model)**

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

|  | KK | KOI | SA | DE |
| --- | --- | --- | --- | --- |
| SA | -.229 | -.029 | .000 | .000 |
| DE | -.311 | -.304 | .738 | .000 |
| X2.1 | .000 | .572 | .000 | .000 |
| X3.6 | -.231 | -.030 | 1.009 | .000 |
| X3.5 | -.236 | -.030 | 1.031 | .000 |
| X3.4 | -.275 | -.035 | 1.200 | .000 |
| X1.8 | .379 | .000 | .000 | .000 |
| X1.7 | .274 | .000 | .000 | .000 |
| X1.6 | .561 | .000 | .000 | .000 |
| X1.5 | .370 | .000 | .000 | .000 |
| X2.5 | .000 | .453 | .000 | .000 |
| X2.4 | .000 | .953 | .000 | .000 |
| Y.4 | -.403 | -.394 | .957 | 1.297 |
| X3.3 | -.282 | -.036 | 1.232 | .000 |
| X3.2 | -.180 | -.023 | .786 | .000 |
| X3.1 | -.229 | -.029 | 1.000 | .000 |
| X1.4 | .912 | .000 | .000 | .000 |
| X1.3 | .814 | .000 | .000 | .000 |
| X1.2 | .750 | .000 | .000 | .000 |
| X1.1 | 1.000 | .000 | .000 | .000 |
| X2.3 | .000 | 1.159 | .000 | .000 |
| X2.2 | .000 | 1.000 | .000 | .000 |
| Y.3 | -.419 | -.409 | .995 | 1.348 |
| Y.2 | -.312 | -.305 | .741 | 1.004 |
| Y.1 | -.311 | -.304 | .738 | 1.000 |

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

|  | KK | KOI | SA | DE |
| --- | --- | --- | --- | --- |
| SA | -.310 | -.023 | .000 | .000 |
| DE | -.338 | -.192 | .592 | .000 |
| X2.1 | .000 | .488 | .000 | .000 |
| X3.6 | -.204 | -.015 | .658 | .000 |
| X3.5 | -.223 | -.017 | .719 | .000 |
| X3.4 | -.256 | -.019 | .826 | .000 |
| X1.8 | .639 | .000 | .000 | .000 |
| X1.7 | .545 | .000 | .000 | .000 |
| X1.6 | .510 | .000 | .000 | .000 |
| X1.5 | .564 | .000 | .000 | .000 |
| X2.5 | .000 | .400 | .000 | .000 |
| X2.4 | .000 | .604 | .000 | .000 |
| Y.4 | -.216 | -.123 | .380 | .641 |
| X3.3 | -.251 | -.019 | .808 | .000 |
| X3.2 | -.205 | -.015 | .660 | .000 |
| X3.1 | -.198 | -.015 | .637 | .000 |
| X1.4 | .824 | .000 | .000 | .000 |
| X1.3 | .723 | .000 | .000 | .000 |
| X1.2 | .618 | .000 | .000 | .000 |
| X1.1 | .792 | .000 | .000 | .000 |
| X2.3 | .000 | .801 | .000 | .000 |
| X2.2 | .000 | .606 | .000 | .000 |
| Y.3 | -.246 | -.140 | .432 | .730 |
| Y.2 | -.195 | -.111 | .342 | .578 |
| Y.1 | -.244 | -.139 | .429 | .724 |

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

|  | KK | KOI | SA | DE |
| --- | --- | --- | --- | --- |
| SA | -.229 | -.029 | .000 | .000 |
| DE | -.142 | -.282 | .738 | .000 |
| X2.1 | .000 | .572 | .000 | .000 |
| X3.6 | .000 | .000 | 1.009 | .000 |
| X3.5 | .000 | .000 | 1.031 | .000 |
| X3.4 | .000 | .000 | 1.200 | .000 |
| X1.8 | .379 | .000 | .000 | .000 |
| X1.7 | .274 | .000 | .000 | .000 |
| X1.6 | .561 | .000 | .000 | .000 |
| X1.5 | .370 | .000 | .000 | .000 |
| X2.5 | .000 | .453 | .000 | .000 |
| X2.4 | .000 | .953 | .000 | .000 |
| Y.4 | .000 | .000 | .000 | 1.297 |
| X3.3 | .000 | .000 | 1.232 | .000 |
| X3.2 | .000 | .000 | .786 | .000 |
| X3.1 | .000 | .000 | 1.000 | .000 |
| X1.4 | .912 | .000 | .000 | .000 |
| X1.3 | .814 | .000 | .000 | .000 |
| X1.2 | .750 | .000 | .000 | .000 |
| X1.1 | 1.000 | .000 | .000 | .000 |
| X2.3 | .000 | 1.159 | .000 | .000 |
| X2.2 | .000 | 1.000 | .000 | .000 |
| Y.3 | .000 | .000 | .000 | 1.348 |
| Y.2 | .000 | .000 | .000 | 1.004 |
| Y.1 | .000 | .000 | .000 | 1.000 |

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

|  | KK | KOI | SA | DE |
| --- | --- | --- | --- | --- |
| SA | -.310 | -.023 | .000 | .000 |
| DE | -.154 | -.179 | .592 | .000 |
| X2.1 | .000 | .488 | .000 | .000 |
| X3.6 | .000 | .000 | .658 | .000 |
| X3.5 | .000 | .000 | .719 | .000 |
| X3.4 | .000 | .000 | .826 | .000 |
| X1.8 | .639 | .000 | .000 | .000 |
| X1.7 | .545 | .000 | .000 | .000 |
| X1.6 | .510 | .000 | .000 | .000 |
| X1.5 | .564 | .000 | .000 | .000 |
| X2.5 | .000 | .400 | .000 | .000 |
| X2.4 | .000 | .604 | .000 | .000 |
| Y.4 | .000 | .000 | .000 | .641 |
| X3.3 | .000 | .000 | .808 | .000 |
| X3.2 | .000 | .000 | .660 | .000 |
| X3.1 | .000 | .000 | .637 | .000 |
| X1.4 | .824 | .000 | .000 | .000 |
| X1.3 | .723 | .000 | .000 | .000 |
| X1.2 | .618 | .000 | .000 | .000 |
| X1.1 | .792 | .000 | .000 | .000 |
| X2.3 | .000 | .801 | .000 | .000 |
| X2.2 | .000 | .606 | .000 | .000 |
| Y.3 | .000 | .000 | .000 | .730 |
| Y.2 | .000 | .000 | .000 | .578 |
| Y.1 | .000 | .000 | .000 | .724 |

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

|  | KK | KOI | SA | DE |
| --- | --- | --- | --- | --- |
| SA | .000 | .000 | .000 | .000 |
| DE | -.169 | -.022 | .000 | .000 |
| X2.1 | .000 | .000 | .000 | .000 |
| X3.6 | -.231 | -.030 | .000 | .000 |
| X3.5 | -.236 | -.030 | .000 | .000 |
| X3.4 | -.275 | -.035 | .000 | .000 |
| X1.8 | .000 | .000 | .000 | .000 |
| X1.7 | .000 | .000 | .000 | .000 |
| X1.6 | .000 | .000 | .000 | .000 |
| X1.5 | .000 | .000 | .000 | .000 |
| X2.5 | .000 | .000 | .000 | .000 |
| X2.4 | .000 | .000 | .000 | .000 |
| Y.4 | -.403 | -.394 | .957 | .000 |
| X3.3 | -.282 | -.036 | .000 | .000 |
| X3.2 | -.180 | -.023 | .000 | .000 |
| X3.1 | -.229 | -.029 | .000 | .000 |
| X1.4 | .000 | .000 | .000 | .000 |
| X1.3 | .000 | .000 | .000 | .000 |
| X1.2 | .000 | .000 | .000 | .000 |
| X1.1 | .000 | .000 | .000 | .000 |
| X2.3 | .000 | .000 | .000 | .000 |
| X2.2 | .000 | .000 | .000 | .000 |
| Y.3 | -.419 | -.409 | .995 | .000 |
| Y.2 | -.312 | -.305 | .741 | .000 |
| Y.1 | -.311 | -.304 | .738 | .000 |

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

|  | KK | KOI | SA | DE |
| --- | --- | --- | --- | --- |
| SA | .000 | .000 | .000 | .000 |
| DE | -.184 | -.014 | .000 | .000 |
| X2.1 | .000 | .000 | .000 | .000 |
| X3.6 | -.204 | -.015 | .000 | .000 |
| X3.5 | -.223 | -.017 | .000 | .000 |
| X3.4 | -.256 | -.019 | .000 | .000 |
| X1.8 | .000 | .000 | .000 | .000 |
| X1.7 | .000 | .000 | .000 | .000 |
| X1.6 | .000 | .000 | .000 | .000 |
| X1.5 | .000 | .000 | .000 | .000 |
| X2.5 | .000 | .000 | .000 | .000 |
| X2.4 | .000 | .000 | .000 | .000 |
| Y.4 | -.216 | -.123 | .380 | .000 |
| X3.3 | -.251 | -.019 | .000 | .000 |
| X3.2 | -.205 | -.015 | .000 | .000 |
| X3.1 | -.198 | -.015 | .000 | .000 |
| X1.4 | .000 | .000 | .000 | .000 |
| X1.3 | .000 | .000 | .000 | .000 |
| X1.2 | .000 | .000 | .000 | .000 |
| X1.1 | .000 | .000 | .000 | .000 |
| X2.3 | .000 | .000 | .000 | .000 |
| X2.2 | .000 | .000 | .000 | .000 |
| Y.3 | -.246 | -.140 | .432 | .000 |
| Y.2 | -.195 | -.111 | .342 | .000 |
| Y.1 | -.244 | -.139 | .429 | .000 |

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

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

|  |  |  | M.I. | Par Change |
| --- | --- | --- | --- | --- |
| e23 | <--> | e24 | 5.228 | -.174 |
| e23 | <--> | e25 | 7.473 | -.232 |
| e22 | <--> | KOI | 5.733 | .212 |
| e19 | <--> | e24 | 4.329 | .119 |
| e18 | <--> | e24 | 6.929 | -.133 |
| e14 | <--> | e19 | 4.756 | -.133 |
| e13 | <--> | KOI | 9.360 | -.464 |
| e13 | <--> | e17 | 6.232 | -.589 |
| e12 | <--> | KOI | 6.891 | -.185 |
| e10 | <--> | e25 | 6.236 | .315 |
| e10 | <--> | e19 | 4.171 | .147 |
| e8 | <--> | e22 | 4.627 | .242 |
| e8 | <--> | e13 | 4.859 | .425 |
| e5 | <--> | e19 | 4.940 | .110 |
| e5 | <--> | e12 | 6.508 | -.192 |
| e5 | <--> | e11 | 6.530 | .179 |
| e4 | <--> | e22 | 4.440 | .252 |
| e4 | <--> | e20 | 5.963 | -.229 |
| e4 | <--> | e7 | 8.466 | -.376 |
| e3 | <--> | e17 | 6.904 | .529 |
| e3 | <--> | e9 | 9.407 | .481 |
| e2 | <--> | e23 | 5.654 | -.338 |
| e2 | <--> | e16 | 6.527 | .309 |
| e1 | <--> | KK | 4.407 | -.319 |
| e1 | <--> | KOI | 9.967 | .300 |
| e1 | <--> | e22 | 6.535 | .359 |
| e1 | <--> | e9 | 5.234 | -.263 |
| e1 | <--> | e6 | 4.489 | .286 |

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

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

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

|  |  |  | M.I. | Par Change |
| --- | --- | --- | --- | --- |
| X2.1 | <--- | SA | 4.132 | -.100 |
| X2.1 | <--- | DE | 7.681 | -.113 |
| X2.1 | <--- | Y.3 | 7.462 | -.055 |
| X2.1 | <--- | Y.2 | 13.254 | -.078 |
| X2.1 | <--- | Y.1 | 7.601 | -.074 |
| X3.6 | <--- | KOI | 6.099 | .234 |
| X3.6 | <--- | X2.3 | 4.475 | .123 |
| X3.6 | <--- | X2.2 | 6.822 | .133 |
| X3.4 | <--- | X2.2 | 5.340 | -.093 |
| X1.8 | <--- | X3.6 | 6.710 | .059 |
| X1.8 | <--- | X3.1 | 7.322 | .060 |
| X1.7 | <--- | SA | 6.539 | -.084 |
| X1.7 | <--- | X3.6 | 6.766 | -.053 |
| X1.7 | <--- | X3.4 | 8.144 | -.061 |
| X1.7 | <--- | X3.1 | 7.026 | -.052 |
| X1.7 | <--- | X2.3 | 4.083 | .055 |
| X2.5 | <--- | X1.2 | 4.360 | .059 |
| Y.4 | <--- | KOI | 8.252 | -.465 |
| Y.4 | <--- | X1.6 | 5.556 | -.181 |
| Y.4 | <--- | X2.4 | 6.251 | -.229 |
| Y.4 | <--- | X2.3 | 8.635 | -.293 |
| Y.4 | <--- | X2.2 | 7.400 | -.238 |
| X3.3 | <--- | KOI | 5.801 | -.181 |
| X3.3 | <--- | X2.3 | 8.614 | -.136 |
| X3.2 | <--- | X1.5 | 4.367 | .116 |
| X3.2 | <--- | X2.3 | 5.224 | .098 |
| X1.4 | <--- | Y.3 | 6.273 | .059 |
| X1.2 | <--- | X2.2 | 9.518 | -.171 |
| X2.3 | <--- | X3.2 | 5.527 | .095 |
| X2.3 | <--- | Y.2 | 4.249 | .046 |
| X2.2 | <--- | X1.2 | 8.162 | -.105 |
| Y.3 | <--- | X1.6 | 5.132 | .148 |
| Y.2 | <--- | X1.5 | 4.316 | .241 |
| Y.1 | <--- | KOI | 4.699 | .220 |
| Y.1 | <--- | X3.6 | 7.613 | .128 |
| Y.1 | <--- | X2.4 | 6.206 | .143 |
| Y.1 | <--- | X2.3 | 5.236 | .143 |
| Y.1 | <--- | X2.2 | 4.016 | .110 |

#####  **Minimization History (Default model)**

| Iteration |  | Negativeeigenvalues | Condition # | Smallesteigenvalue | Diameter | F | NTries | Ratio |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | e | 11 |  | -.940 | 9999.000 | 2986.549 | 0 | 9999.000 |
| 1 | e\* | 6 |  | -.080 | 2.742 | 1361.515 | 20 | .405 |
| 2 | e | 2 |  | -.026 | .784 | 860.216 | 6 | .931 |
| 3 | e | 0 | 294.559 |  | .928 | 510.703 | 5 | .850 |
| 4 | e | 0 | 70.876 |  | .751 | 444.363 | 4 | .000 |
| 5 | e | 0 | 131.150 |  | 1.202 | 403.466 | 1 | .357 |
| 6 | e | 0 | 102.342 |  | .398 | 340.972 | 1 | 1.092 |
| 7 | e | 0 | 109.160 |  | .287 | 332.949 | 1 | 1.075 |
| 8 | e | 0 | 115.199 |  | .035 | 332.384 | 1 | 1.043 |
| 9 | e | 0 | 112.841 |  | .005 | 332.380 | 1 | 1.008 |
| 10 | e | 0 | 113.243 |  | .000 | 332.380 | 1 | 1.000 |

#####  **Model Fit Summary**

1. **CMIN**

| Model | NPAR | CMIN | DF | P | CMIN/DF |
| --- | --- | --- | --- | --- | --- |
| Default model | 65 | 332.380 | 211 | .000 | 1.575 |
| Saturated model | 276 | .000 | 0 |  |  |
| Independence model | 23 | 3030.360 | 253 | .000 | 11.978 |

1. **RMR, GFI**

| Model | RMR | GFI | AGFI | PGFI |
| --- | --- | --- | --- | --- |
| Default model | .177 | .921 | .897 | .704 |
| Saturated model | .000 | 1.000 |  |  |
| Independence model | 1.083 | .360 | .302 | .330 |

1. **Baseline Comparisons**

| Model | NFIDelta1 | RFIrho1 | IFIDelta2 | TLIrho2 | CFI |
| --- | --- | --- | --- | --- | --- |
| Default model | .890 | .868 | .957 | .948 | .956 |
| Saturated model | 1.000 |  | 1.000 |  | 1.000 |
| Independence model | .000 | .000 | .000 | .000 | .000 |

1. **Parsimony-Adjusted Measures**

| Model | PRATIO | PNFI | PCFI |
| --- | --- | --- | --- |
| Default model | .834 | .743 | .798 |
| Saturated model | .000 | .000 | .000 |
| Independence model | 1.000 | .000 | .000 |

1. **NCP**

| Model | NCP | LO 90 | HI 90 |
| --- | --- | --- | --- |
| Default model | 121.380 | 75.755 | 174.939 |
| Saturated model | .000 | .000 | .000 |
| Independence model | 2777.360 | 2603.703 | 2958.373 |

1. **FMIN**

| Model | FMIN | F0 | LO 90 | HI 90 |
| --- | --- | --- | --- | --- |
| Default model | 1.026 | .375 | .234 | .540 |
| Saturated model | .000 | .000 | .000 | .000 |
| Independence model | 9.353 | 8.572 | 8.036 | 9.131 |

1. **RMSEA**

| Model | RMSEA | LO 90 | HI 90 | PCLOSE |
| --- | --- | --- | --- | --- |
| Default model | .042 | .033 | .051 | .936 |
| Independence model | .184 | .178 | .190 | .000 |

1. **AIC**

| Model | AIC | BCC | BIC | CAIC |
| --- | --- | --- | --- | --- |
| Default model | 462.380 | 472.780 | 708.328 | 773.328 |
| Saturated model | 552.000 | 596.160 | 1596.336 | 1872.336 |
| Independence model | 3076.360 | 3080.040 | 3163.388 | 3186.388 |

1. **ECVI**

| Model | ECVI | LO 90 | HI 90 | MECVI |
| --- | --- | --- | --- | --- |
| Default model | 1.427 | 1.286 | 1.592 | 1.459 |
| Saturated model | 1.704 | 1.704 | 1.704 | 1.840 |
| Independence model | 9.495 | 8.959 | 10.054 | 9.506 |

1. **HOELTER**

| Model | HOELTER.05 | HOELTER.01 |
| --- | --- | --- |
| Default model | 240 | 256 |
| Independence model | 32 | 33 |

#####  **Execution time summary**

|  |  |
| --- | --- |
| Minimization: | .009 |
| Miscellaneous: | 1.494 |
| Bootstrap: | .000 |
| Total: | 1.503 |