# C:\Users\aj\OneDrive\바탕 화면\SPSS 동영상 강의\source\구조방정식실습.amw

## Analysis Summary

## Date and Time

Date: 2024년 8월 25일 일요일

Time: 오후 7:42:04

## Title

구조방정식실습: 2024년 8월 25일 일요일 오후 7:42

## Groups

## Group number 1 (Group number 1)

## Notes for Group (Group number 1)

The model is recursive.

Sample size = 325

## Variable Summary (Group number 1)

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

Observed, endogenous variables

외관3

외관2

외관1

편의성3

편의성2

편의성1

유용성3

유용성2

유용성1

구전의도1

구전의도2

구전의도3

구매의도1

구매의도2

구매의도3

Unobserved, endogenous variables

구전의도

구매의도

Unobserved, exogenous variables

외관

e1

e2

e3

편의성

e4

e5

e6

유용성

e7

e8

e9

e10

e11

e12

e13

e14

e15

d1

d2

## Variable counts (Group number 1)

|  |  |
| --- | --- |
| **Number of variables in your model:** | 37 |
| **Number of observed variables:** | 15 |
| **Number of unobserved variables:** | 22 |
| **Number of exogenous variables:** | 20 |
| **Number of endogenous variables:** | 17 |

## Parameter Summary (Group number 1)

|  | **Weights** | **Covariances** | **Variances** | **Means** | **Intercepts** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| **Fixed** | 22 | 0 | 0 | 0 | 0 | 22 |
| **Labeled** | 0 | 0 | 0 | 0 | 0 | 0 |
| **Unlabeled** | 14 | 26 | 20 | 0 | 0 | 60 |
| **Total** | 36 | 26 | 20 | 0 | 0 | 82 |

## Sample Moments (Group number 1)

## Sample Covariances (Group number 1)

|  | **구매의도3** | **구매의도2** | **구매의도1** | **구전의도3** | **구전의도2** | **구전의도1** | **유용성1** | **유용성2** | **유용성3** | **편의성1** | **편의성2** | **편의성3** | **외관1** | **외관2** | **외관3** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **구매의도3** | .595 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도2** | .404 | .595 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도1** | .428 | .314 | .742 |  |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도3** | .194 | .174 | .161 | .575 |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도2** | .225 | .200 | .115 | .412 | .663 |  |  |  |  |  |  |  |  |  |  |
| **구전의도1** | .184 | .127 | .154 | .379 | .450 | .564 |  |  |  |  |  |  |  |  |  |
| **유용성1** | .104 | .080 | .154 | .002 | .000 | .049 | .362 |  |  |  |  |  |  |  |  |
| **유용성2** | .107 | .075 | .133 | .003 | .042 | .073 | .186 | .380 |  |  |  |  |  |  |  |
| **유용성3** | .144 | .149 | .175 | .040 | .055 | .046 | .216 | .221 | .477 |  |  |  |  |  |  |
| **편의성1** | .243 | .191 | .254 | .163 | .138 | .104 | .042 | .089 | .105 | 1.366 |  |  |  |  |  |
| **편의성2** | .255 | .230 | .272 | .174 | .178 | .123 | .054 | .075 | .116 | 1.207 | 1.422 |  |  |  |  |
| **편의성3** | .273 | .213 | .271 | .155 | .146 | .103 | .064 | .070 | .101 | 1.088 | 1.163 | 1.183 |  |  |  |
| **외관1** | .100 | .201 | .125 | .097 | .134 | .057 | -.025 | .046 | .060 | .154 | .160 | .147 | .962 |  |  |
| **외관2** | .132 | .170 | .123 | .061 | .063 | .025 | -.029 | .043 | .087 | .134 | .151 | .136 | .708 | .879 |  |
| **외관3** | .126 | .142 | .185 | .063 | .070 | .046 | .008 | .040 | .090 | .187 | .184 | .162 | .581 | .586 | .780 |

Condition number = 36.919

Eigenvalues

4.217 2.086 1.549 1.026 .611 .388 .266 .232 .219 .212 .188 .160 .152 .127 .114

Determinant of sample covariance matrix = .000

## Sample Correlations (Group number 1)

|  | **구매의도3** | **구매의도2** | **구매의도1** | **구전의도3** | **구전의도2** | **구전의도1** | **유용성1** | **유용성2** | **유용성3** | **편의성1** | **편의성2** | **편의성3** | **외관1** | **외관2** | **외관3** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **구매의도3** | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도2** | .680 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도1** | .645 | .473 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도3** | .332 | .297 | .246 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도2** | .358 | .318 | .165 | .668 | 1.000 |  |  |  |  |  |  |  |  |  |  |
| **구전의도1** | .318 | .219 | .238 | .665 | .737 | 1.000 |  |  |  |  |  |  |  |  |  |
| **유용성1** | .224 | .172 | .297 | .005 | .000 | .109 | 1.000 |  |  |  |  |  |  |  |  |
| **유용성2** | .224 | .158 | .250 | .007 | .084 | .157 | .501 | 1.000 |  |  |  |  |  |  |  |
| **유용성3** | .271 | .280 | .294 | .076 | .098 | .088 | .520 | .519 | 1.000 |  |  |  |  |  |  |
| **편의성1** | .269 | .212 | .252 | .184 | .145 | .118 | .059 | .123 | .130 | 1.000 |  |  |  |  |  |
| **편의성2** | .277 | .250 | .265 | .192 | .183 | .138 | .075 | .102 | .140 | .866 | 1.000 |  |  |  |  |
| **편의성3** | .326 | .254 | .289 | .187 | .164 | .126 | .097 | .104 | .134 | .856 | .896 | 1.000 |  |  |  |
| **외관1** | .132 | .266 | .147 | .130 | .168 | .077 | -.043 | .076 | .089 | .134 | .137 | .138 | 1.000 |  |  |
| **외관2** | .182 | .235 | .152 | .086 | .083 | .035 | -.051 | .074 | .134 | .122 | .135 | .134 | .769 | 1.000 |  |
| **외관3** | .185 | .208 | .243 | .095 | .097 | .069 | .015 | .073 | .148 | .181 | .175 | .168 | .671 | .708 | 1.000 |

Condition number = 45.336

Eigenvalues

4.434 2.193 2.101 1.993 1.145 .590 .510 .449 .346 .297 .279 .238 .184 .144 .098

## Models

## Default model (Default model)

## Notes for Model (Default model)

## Computation of degrees of freedom (Default model)

|  |  |
| --- | --- |
| **Number of distinct sample moments:** | 120 |
| **Number of distinct parameters to be estimated:** | 60 |
| **Degrees of freedom (120 - 60):** | 60 |

## Result (Default model)

Minimum was achieved

Chi-square = 36.068

Degrees of freedom = 60

Probability level = .994

## 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** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 구매의도 | <--- | 외관 | .130 | .063 | 2.045 | .041 | par\_11 |
| 구매의도 | <--- | 편의성 | .152 | .033 | 4.614 | \*\*\* | par\_12 |
| 구매의도 | <--- | 유용성 | .323 | .074 | 4.345 | \*\*\* | par\_13 |
| 구전의도 | <--- | 구매의도 | .512 | .078 | 6.561 | \*\*\* | par\_14 |
| 외관3 | <--- | 외관 | 1.000 |  |  |  |  |
| 외관2 | <--- | 외관 | 1.223 | .072 | 16.911 | \*\*\* | par\_1 |
| 외관1 | <--- | 외관 | 1.204 | .073 | 16.418 | \*\*\* | par\_2 |
| 편의성3 | <--- | 편의성 | 1.000 |  |  |  |  |
| 편의성2 | <--- | 편의성 | 1.103 | .032 | 34.333 | \*\*\* | par\_3 |
| 편의성1 | <--- | 편의성 | 1.034 | .035 | 29.466 | \*\*\* | par\_4 |
| 유용성3 | <--- | 유용성 | 1.000 |  |  |  |  |
| 유용성2 | <--- | 유용성 | .847 | .087 | 9.776 | \*\*\* | par\_5 |
| 유용성1 | <--- | 유용성 | .829 | .085 | 9.732 | \*\*\* | par\_6 |
| 구전의도1 | <--- | 구전의도 | 1.000 |  |  |  |  |
| 구전의도2 | <--- | 구전의도 | 1.080 | .062 | 17.558 | \*\*\* | par\_7 |
| 구전의도3 | <--- | 구전의도 | .914 | .058 | 15.880 | \*\*\* | par\_8 |
| 구매의도1 | <--- | 구매의도 | 1.000 |  |  |  |  |
| 구매의도2 | <--- | 구매의도 | .976 | .087 | 11.194 | \*\*\* | par\_9 |
| 구매의도3 | <--- | 구매의도 | 1.290 | .112 | 11.527 | \*\*\* | par\_10 |

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

|  |  |  | **Estimate** |
| --- | --- | --- | --- |
| 구매의도 | <--- | 외관 | .161 |
| 구매의도 | <--- | 편의성 | .280 |
| 구매의도 | <--- | 유용성 | .297 |
| 구전의도 | <--- | 구매의도 | .441 |
| 외관3 | <--- | 외관 | .785 |
| 외관2 | <--- | 외관 | .902 |
| 외관1 | <--- | 외관 | .851 |
| 편의성3 | <--- | 편의성 | .942 |
| 편의성2 | <--- | 편의성 | .952 |
| 편의성1 | <--- | 편의성 | .908 |
| 유용성3 | <--- | 유용성 | .742 |
| 유용성2 | <--- | 유용성 | .703 |
| 유용성1 | <--- | 유용성 | .704 |
| 구전의도1 | <--- | 구전의도 | .856 |
| 구전의도2 | <--- | 구전의도 | .860 |
| 구전의도3 | <--- | 구전의도 | .779 |
| 구매의도1 | <--- | 구매의도 | .648 |
| 구매의도2 | <--- | 구매의도 | .710 |
| 구매의도3 | <--- | 구매의도 | .934 |

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

|  |  |  | **Estimate** | **S.E.** | **C.R.** | **P** | **Label** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 편의성 | <--> | 유용성 | .084 | .034 | 2.434 | .015 | par\_15 |
| 외관 | <--> | 유용성 | .050 | .029 | 1.711 | .087 | par\_16 |
| 외관 | <--> | 편의성 | .113 | .042 | 2.658 | .008 | par\_17 |
| e15 | <--> | 외관 | -.012 | .030 | -.399 | .690 | par\_18 |
| e14 | <--> | 외관 | .042 | .030 | 1.382 | .167 | par\_19 |
| e13 | <--> | 유용성 | .057 | .024 | 2.437 | .015 | par\_20 |
| e11 | <--> | e14 | .007 | .019 | .374 | .709 | par\_21 |
| e11 | <--> | e13 | -.074 | .021 | -3.421 | \*\*\* | par\_22 |
| e10 | <--> | e14 | -.029 | .017 | -1.737 | .082 | par\_23 |
| e10 | <--> | e13 | -.004 | .020 | -.177 | .860 | par\_24 |
| e9 | <--> | 외관 | -.054 | .024 | -2.259 | .024 | par\_25 |
| e9 | <--> | e13 | .022 | .018 | 1.168 | .243 | par\_26 |
| e9 | <--> | e11 | -.023 | .016 | -1.467 | .142 | par\_27 |
| e9 | <--> | e10 | .032 | .017 | 1.847 | .065 | par\_28 |
| e8 | <--> | e12 | -.024 | .016 | -1.526 | .127 | par\_29 |
| e8 | <--> | e10 | .040 | .017 | 2.444 | .015 | par\_30 |
| e7 | <--> | 외관 | .015 | .028 | .533 | .594 | par\_31 |
| e7 | <--> | e14 | .044 | .017 | 2.608 | .009 | par\_32 |
| e7 | <--> | e10 | .002 | .018 | .104 | .917 | par\_33 |
| e5 | <--> | e15 | -.029 | .016 | -1.826 | .068 | par\_34 |
| e4 | <--> | e15 | .009 | .015 | .608 | .543 | par\_35 |
| e3 | <--> | d2 | .021 | .023 | .941 | .347 | par\_36 |
| e3 | <--> | e15 | -.036 | .020 | -1.811 | .070 | par\_37 |
| e3 | <--> | e14 | .036 | .022 | 1.608 | .108 | par\_38 |
| e3 | <--> | e11 | .041 | .018 | 2.328 | .020 | par\_39 |
| e1 | <--> | e13 | .067 | .022 | 3.102 | .002 | par\_40 |

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

|  |  |  | **Estimate** |
| --- | --- | --- | --- |
| 편의성 | <--> | 유용성 | .159 |
| 외관 | <--> | 유용성 | .142 |
| 외관 | <--> | 편의성 | .159 |
| e15 | <--> | 외관 | -.062 |
| e14 | <--> | 외관 | .114 |
| e13 | <--> | 유용성 | .179 |
| e11 | <--> | e14 | .032 |
| e11 | <--> | e13 | -.284 |
| e10 | <--> | e14 | -.142 |
| e10 | <--> | e13 | -.015 |
| e9 | <--> | 외관 | -.183 |
| e9 | <--> | e13 | .081 |
| e9 | <--> | e11 | -.132 |
| e9 | <--> | e10 | .191 |
| e8 | <--> | e12 | -.115 |
| e8 | <--> | e10 | .236 |
| e7 | <--> | 외관 | .046 |
| e7 | <--> | e14 | .181 |
| e7 | <--> | e10 | .010 |
| e5 | <--> | e15 | -.281 |
| e4 | <--> | e15 | .089 |
| e3 | <--> | d2 | .072 |
| e3 | <--> | e15 | -.247 |
| e3 | <--> | e14 | .132 |
| e3 | <--> | e11 | .193 |
| e1 | <--> | e13 | .198 |

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

|  |  |  | **Estimate** | **S.E.** | **C.R.** | **P** | **Label** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **외관** |  |  | .477 | .059 | 8.134 | \*\*\* | par\_41 |
| **편의성** |  |  | 1.053 | .094 | 11.241 | \*\*\* | par\_42 |
| **유용성** |  |  | .262 | .040 | 6.568 | \*\*\* | par\_43 |
| **d1** |  |  | .234 | .039 | 6.025 | \*\*\* | par\_44 |
| **d2** |  |  | .337 | .039 | 8.745 | \*\*\* | par\_45 |
| **e1** |  |  | .298 | .029 | 10.213 | \*\*\* | par\_46 |
| **e2** |  |  | .164 | .029 | 5.721 | \*\*\* | par\_47 |
| **e3** |  |  | .263 | .033 | 7.991 | \*\*\* | par\_48 |
| **e4** |  |  | .133 | .018 | 7.450 | \*\*\* | par\_49 |
| **e5** |  |  | .134 | .020 | 6.530 | \*\*\* | par\_50 |
| **e6** |  |  | .240 | .024 | 9.821 | \*\*\* | par\_51 |
| **e7** |  |  | .214 | .028 | 7.646 | \*\*\* | par\_52 |
| **e8** |  |  | .192 | .022 | 8.714 | \*\*\* | par\_53 |
| **e9** |  |  | .183 | .021 | 8.639 | \*\*\* | par\_54 |
| **e10** |  |  | .153 | .021 | 7.420 | \*\*\* | par\_55 |
| **e11** |  |  | .171 | .024 | 7.214 | \*\*\* | par\_56 |
| **e12** |  |  | .226 | .023 | 9.915 | \*\*\* | par\_57 |
| **e13** |  |  | .392 | .036 | 10.791 | \*\*\* | par\_58 |
| **e14** |  |  | .281 | .027 | 10.228 | \*\*\* | par\_59 |
| **e15** |  |  | .080 | .027 | 2.932 | .003 | par\_60 |

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

|  |  |  | **Estimate** |
| --- | --- | --- | --- |
| **구매의도** |  |  | .246 |
| **구전의도** |  |  | .195 |
| **구매의도3** |  |  | .866 |
| **구매의도2** |  |  | .522 |
| **구매의도1** |  |  | .470 |
| **구전의도3** |  |  | .607 |
| **구전의도2** |  |  | .740 |
| **구전의도1** |  |  | .732 |
| **유용성1** |  |  | .496 |
| **유용성2** |  |  | .494 |
| **유용성3** |  |  | .551 |
| **편의성1** |  |  | .825 |
| **편의성2** |  |  | .906 |
| **편의성3** |  |  | .888 |
| **외관1** |  |  | .725 |
| **외관2** |  |  | .813 |
| **외관3** |  |  | .616 |

## Matrices (Group number 1 - Default model)

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

|  | **구매의도3** | **구매의도2** | **구매의도1** | **구전의도3** | **구전의도2** | **구전의도1** | **유용성1** | **유용성2** | **유용성3** | **편의성1** | **편의성2** | **편의성3** | **외관1** | **외관2** | **외관3** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **구매의도3** | .592 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도2** | .397 | .587 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도1** | .423 | .327 | .740 |  |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도3** | .187 | .144 | .154 | .575 |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도2** | .221 | .178 | .109 | .413 | .659 |  |  |  |  |  |  |  |  |  |  |
| **구전의도1** | .204 | .129 | .165 | .382 | .452 | .571 |  |  |  |  |  |  |  |  |  |
| **유용성1** | .102 | .077 | .148 | .037 | .020 | .072 | .363 |  |  |  |  |  |  |  |  |
| **유용성2** | .113 | .086 | .137 | .017 | .049 | .085 | .184 | .381 |  |  |  |  |  |  |  |
| **유용성3** | .136 | .148 | .163 | .049 | .059 | .056 | .217 | .222 | .476 |  |  |  |  |  |  |
| **편의성1** | .269 | .203 | .208 | .097 | .115 | .107 | .072 | .073 | .086 | 1.366 |  |  |  |  |  |
| **편의성2** | .258 | .217 | .222 | .104 | .123 | .114 | .076 | .078 | .092 | 1.201 | 1.414 |  |  |  |  |
| **편의성3** | .269 | .197 | .201 | .094 | .111 | .103 | .069 | .071 | .084 | 1.089 | 1.161 | 1.186 |  |  |  |
| **외관1** | .098 | .198 | .115 | .073 | .128 | .080 | -.015 | .051 | .078 | .140 | .150 | .136 | .956 |  |  |
| **외관2** | .135 | .165 | .116 | .054 | .064 | .060 | -.015 | .052 | .079 | .143 | .152 | .138 | .703 | .878 |  |
| **외관3** | .111 | .135 | .163 | .045 | .053 | .049 | -.013 | .043 | .065 | .117 | .124 | .113 | .575 | .584 | .775 |

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

|  | **구매의도3** | **구매의도2** | **구매의도1** | **구전의도3** | **구전의도2** | **구전의도1** | **유용성1** | **유용성2** | **유용성3** | **편의성1** | **편의성2** | **편의성3** | **외관1** | **외관2** | **외관3** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **구매의도3** | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도2** | .673 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **구매의도1** | .639 | .496 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도3** | .320 | .249 | .236 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |
| **구전의도2** | .353 | .286 | .155 | .670 | 1.000 |  |  |  |  |  |  |  |  |  |  |
| **구전의도1** | .351 | .222 | .254 | .667 | .736 | 1.000 |  |  |  |  |  |  |  |  |  |
| **유용성1** | .220 | .167 | .286 | .081 | .041 | .159 | 1.000 |  |  |  |  |  |  |  |  |
| **유용성2** | .239 | .182 | .257 | .037 | .097 | .183 | .495 | 1.000 |  |  |  |  |  |  |  |
| **유용성3** | .257 | .279 | .275 | .095 | .104 | .107 | .523 | .522 | 1.000 |  |  |  |  |  |  |
| **편의성1** | .299 | .227 | .207 | .110 | .121 | .121 | .102 | .101 | .107 | 1.000 |  |  |  |  |  |
| **편의성2** | .281 | .238 | .217 | .115 | .127 | .127 | .106 | .106 | .112 | .864 | 1.000 |  |  |  |  |
| **편의성3** | .321 | .236 | .215 | .114 | .126 | .125 | .105 | .105 | .111 | .856 | .897 | 1.000 |  |  |  |
| **외관1** | .130 | .265 | .136 | .099 | .161 | .109 | -.026 | .085 | .116 | .123 | .129 | .128 | 1.000 |  |  |
| **외관2** | .188 | .229 | .144 | .077 | .085 | .084 | -.027 | .090 | .123 | .130 | .136 | .135 | .767 | 1.000 |  |
| **외관3** | .163 | .200 | .215 | .067 | .074 | .073 | -.024 | .078 | .107 | .113 | .119 | .118 | .668 | .708 | 1.000 |

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

|  | **유용성** | **편의성** | **외관** | **구매의도** | **구전의도** |
| --- | --- | --- | --- | --- | --- |
| **구매의도** | .323 | .152 | .130 | .000 | .000 |
| **구전의도** | .165 | .078 | .066 | .512 | .000 |
| **구매의도3** | .416 | .196 | .167 | 1.290 | .000 |
| **구매의도2** | .315 | .148 | .127 | .976 | .000 |
| **구매의도1** | .323 | .152 | .130 | 1.000 | .000 |
| **구전의도3** | .151 | .071 | .061 | .468 | .914 |
| **구전의도2** | .179 | .084 | .072 | .553 | 1.080 |
| **구전의도1** | .165 | .078 | .066 | .512 | 1.000 |
| **유용성1** | .829 | .000 | .000 | .000 | .000 |
| **유용성2** | .847 | .000 | .000 | .000 | .000 |
| **유용성3** | 1.000 | .000 | .000 | .000 | .000 |
| **편의성1** | .000 | 1.034 | .000 | .000 | .000 |
| **편의성2** | .000 | 1.103 | .000 | .000 | .000 |
| **편의성3** | .000 | 1.000 | .000 | .000 | .000 |
| **외관1** | .000 | .000 | 1.204 | .000 | .000 |
| **외관2** | .000 | .000 | 1.223 | .000 | .000 |
| **외관3** | .000 | .000 | 1.000 | .000 | .000 |

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

|  | **유용성** | **편의성** | **외관** | **구매의도** | **구전의도** |
| --- | --- | --- | --- | --- | --- |
| **구매의도** | .297 | .280 | .161 | .000 | .000 |
| **구전의도** | .131 | .123 | .071 | .441 | .000 |
| **구매의도3** | .277 | .261 | .150 | .934 | .000 |
| **구매의도2** | .211 | .199 | .114 | .710 | .000 |
| **구매의도1** | .192 | .181 | .104 | .648 | .000 |
| **구전의도3** | .102 | .096 | .055 | .344 | .779 |
| **구전의도2** | .113 | .106 | .061 | .380 | .860 |
| **구전의도1** | .112 | .106 | .061 | .378 | .856 |
| **유용성1** | .704 | .000 | .000 | .000 | .000 |
| **유용성2** | .703 | .000 | .000 | .000 | .000 |
| **유용성3** | .742 | .000 | .000 | .000 | .000 |
| **편의성1** | .000 | .908 | .000 | .000 | .000 |
| **편의성2** | .000 | .952 | .000 | .000 | .000 |
| **편의성3** | .000 | .942 | .000 | .000 | .000 |
| **외관1** | .000 | .000 | .851 | .000 | .000 |
| **외관2** | .000 | .000 | .902 | .000 | .000 |
| **외관3** | .000 | .000 | .785 | .000 | .000 |

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

|  | **유용성** | **편의성** | **외관** | **구매의도** | **구전의도** |
| --- | --- | --- | --- | --- | --- |
| **구매의도** | .323 | .152 | .130 | .000 | .000 |
| **구전의도** | .000 | .000 | .000 | .512 | .000 |
| **구매의도3** | .000 | .000 | .000 | 1.290 | .000 |
| **구매의도2** | .000 | .000 | .000 | .976 | .000 |
| **구매의도1** | .000 | .000 | .000 | 1.000 | .000 |
| **구전의도3** | .000 | .000 | .000 | .000 | .914 |
| **구전의도2** | .000 | .000 | .000 | .000 | 1.080 |
| **구전의도1** | .000 | .000 | .000 | .000 | 1.000 |
| **유용성1** | .829 | .000 | .000 | .000 | .000 |
| **유용성2** | .847 | .000 | .000 | .000 | .000 |
| **유용성3** | 1.000 | .000 | .000 | .000 | .000 |
| **편의성1** | .000 | 1.034 | .000 | .000 | .000 |
| **편의성2** | .000 | 1.103 | .000 | .000 | .000 |
| **편의성3** | .000 | 1.000 | .000 | .000 | .000 |
| **외관1** | .000 | .000 | 1.204 | .000 | .000 |
| **외관2** | .000 | .000 | 1.223 | .000 | .000 |
| **외관3** | .000 | .000 | 1.000 | .000 | .000 |

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

|  | **유용성** | **편의성** | **외관** | **구매의도** | **구전의도** |
| --- | --- | --- | --- | --- | --- |
| **구매의도** | .297 | .280 | .161 | .000 | .000 |
| **구전의도** | .000 | .000 | .000 | .441 | .000 |
| **구매의도3** | .000 | .000 | .000 | .934 | .000 |
| **구매의도2** | .000 | .000 | .000 | .710 | .000 |
| **구매의도1** | .000 | .000 | .000 | .648 | .000 |
| **구전의도3** | .000 | .000 | .000 | .000 | .779 |
| **구전의도2** | .000 | .000 | .000 | .000 | .860 |
| **구전의도1** | .000 | .000 | .000 | .000 | .856 |
| **유용성1** | .704 | .000 | .000 | .000 | .000 |
| **유용성2** | .703 | .000 | .000 | .000 | .000 |
| **유용성3** | .742 | .000 | .000 | .000 | .000 |
| **편의성1** | .000 | .908 | .000 | .000 | .000 |
| **편의성2** | .000 | .952 | .000 | .000 | .000 |
| **편의성3** | .000 | .942 | .000 | .000 | .000 |
| **외관1** | .000 | .000 | .851 | .000 | .000 |
| **외관2** | .000 | .000 | .902 | .000 | .000 |
| **외관3** | .000 | .000 | .785 | .000 | .000 |

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

|  | **유용성** | **편의성** | **외관** | **구매의도** | **구전의도** |
| --- | --- | --- | --- | --- | --- |
| **구매의도** | .000 | .000 | .000 | .000 | .000 |
| **구전의도** | .165 | .078 | .066 | .000 | .000 |
| **구매의도3** | .416 | .196 | .167 | .000 | .000 |
| **구매의도2** | .315 | .148 | .127 | .000 | .000 |
| **구매의도1** | .323 | .152 | .130 | .000 | .000 |
| **구전의도3** | .151 | .071 | .061 | .468 | .000 |
| **구전의도2** | .179 | .084 | .072 | .553 | .000 |
| **구전의도1** | .165 | .078 | .066 | .512 | .000 |
| **유용성1** | .000 | .000 | .000 | .000 | .000 |
| **유용성2** | .000 | .000 | .000 | .000 | .000 |
| **유용성3** | .000 | .000 | .000 | .000 | .000 |
| **편의성1** | .000 | .000 | .000 | .000 | .000 |
| **편의성2** | .000 | .000 | .000 | .000 | .000 |
| **편의성3** | .000 | .000 | .000 | .000 | .000 |
| **외관1** | .000 | .000 | .000 | .000 | .000 |
| **외관2** | .000 | .000 | .000 | .000 | .000 |
| **외관3** | .000 | .000 | .000 | .000 | .000 |

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

|  | **유용성** | **편의성** | **외관** | **구매의도** | **구전의도** |
| --- | --- | --- | --- | --- | --- |
| **구매의도** | .000 | .000 | .000 | .000 | .000 |
| **구전의도** | .131 | .123 | .071 | .000 | .000 |
| **구매의도3** | .277 | .261 | .150 | .000 | .000 |
| **구매의도2** | .211 | .199 | .114 | .000 | .000 |
| **구매의도1** | .192 | .181 | .104 | .000 | .000 |
| **구전의도3** | .102 | .096 | .055 | .344 | .000 |
| **구전의도2** | .113 | .106 | .061 | .380 | .000 |
| **구전의도1** | .112 | .106 | .061 | .378 | .000 |
| **유용성1** | .000 | .000 | .000 | .000 | .000 |
| **유용성2** | .000 | .000 | .000 | .000 | .000 |
| **유용성3** | .000 | .000 | .000 | .000 | .000 |
| **편의성1** | .000 | .000 | .000 | .000 | .000 |
| **편의성2** | .000 | .000 | .000 | .000 | .000 |
| **편의성3** | .000 | .000 | .000 | .000 | .000 |
| **외관1** | .000 | .000 | .000 | .000 | .000 |
| **외관2** | .000 | .000 | .000 | .000 | .000 |
| **외관3** | .000 | .000 | .000 | .000 | .000 |

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

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

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

## 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** | **NTries** | **Ratio** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **0** | e | 20 |  | -.566 | 9999.000 | 3024.896 | 0 | 9999.000 |
| **1** | e\* | 15 |  | -.651 | 2.696 | 1320.354 | 20 | .584 |
| **2** | e | 9 |  | -.458 | .576 | 807.208 | 6 | .987 |
| **3** | e | 6 |  | -.131 | .247 | 604.117 | 5 | .921 |
| **4** | e | 0 | 1794.314 |  | .581 | 306.814 | 6 | .845 |
| **5** | e | 0 | 627.315 |  | .512 | 204.218 | 5 | .000 |
| **6** | e | 0 | 324.173 |  | .919 | 79.671 | 2 | .000 |
| **7** | e | 0 | 236.354 |  | .450 | 38.784 | 1 | 1.050 |
| **8** | e | 0 | 271.347 |  | .116 | 36.106 | 1 | 1.062 |
| **9** | e | 0 | 285.456 |  | .020 | 36.068 | 1 | 1.017 |
| **10** | e | 0 | 277.600 |  | .001 | 36.068 | 1 | 1.001 |

## Pairwise Parameter Comparisons (Default model)

## Variance-covariance Matrix of Estimates (Default model)

|  | **par\_1** | **par\_2** | **par\_3** | **par\_4** | **par\_5** | **par\_6** | **par\_7** | **par\_8** | **par\_9** | **par\_10** | **par\_11** | **par\_12** | **par\_13** | **par\_14** | **par\_15** | **par\_16** | **par\_17** | **par\_18** | **par\_19** | **par\_20** | **par\_21** | **par\_22** | **par\_23** | **par\_24** | **par\_25** | **par\_26** | **par\_27** | **par\_28** | **par\_29** | **par\_30** | **par\_31** | **par\_32** | **par\_33** | **par\_34** | **par\_35** | **par\_36** | **par\_37** | **par\_38** | **par\_39** | **par\_40** | **par\_41** | **par\_42** | **par\_43** | **par\_44** | **par\_45** | **par\_46** | **par\_47** | **par\_48** | **par\_49** | **par\_50** | **par\_51** | **par\_52** | **par\_53** | **par\_54** | **par\_55** | **par\_56** | **par\_57** | **par\_58** | **par\_59** | **par\_60** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **par\_1** | .005 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_2** | .003 | .005 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_3** | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_4** | .000 | .000 | .001 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_5** | .000 | .000 | .000 | .000 | .008 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_6** | .000 | .000 | .000 | .000 | .004 | .007 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_7** | .000 | .000 | .000 | .000 | .000 | .000 | .004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_8** | .000 | .000 | .000 | .000 | .000 | .000 | .002 | .003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_9** | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .008 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_10** | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .006 | .013 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_11** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .004 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_12** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | -.001 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_13** | .000 | .000 | .000 | .000 | .001 | .001 | .000 | .000 | -.001 | -.003 | .000 | .000 | .006 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_14** | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | -.001 | .002 | .003 | .000 | .000 | -.001 | .006 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_15** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_16** | .000 | .000 | .000 | .000 | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_17** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_18** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_19** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_20** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_21** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_22** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_23** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_24** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_25** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_26** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_27** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_28** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_29** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_30** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_31** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_32** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_33** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_34** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_35** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_36** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_37** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_38** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_39** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_40** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_41** | -.003 | -.003 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .003 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_42** | .000 | .000 | -.001 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .009 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_43** | .000 | .000 | .000 | .000 | -.002 | -.002 | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_44** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | -.002 | -.003 | .000 | .000 | .001 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .002 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_45** | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_46** | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_47** | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_48** | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_49** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |  |
| **par\_50** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |  |  |  |
| **par\_51** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |  |
| **par\_52** | .000 | .000 | .000 | .000 | .001 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |  |  |  |  |
| **par\_53** | .000 | .000 | .000 | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |  |
| **par\_54** | .000 | .000 | .000 | .000 | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |  |
| **par\_55** | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 |  |  |  |  |  |
| **par\_56** | .000 | .000 | .000 | .000 | .000 | .000 | -.001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |  |
| **par\_57** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |  |
| **par\_58** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |  |
| **par\_59** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |  |
| **par\_60** | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | -.002 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .001 |

## Correlations of Estimates (Default model)

|  | **par\_1** | **par\_2** | **par\_3** | **par\_4** | **par\_5** | **par\_6** | **par\_7** | **par\_8** | **par\_9** | **par\_10** | **par\_11** | **par\_12** | **par\_13** | **par\_14** | **par\_15** | **par\_16** | **par\_17** | **par\_18** | **par\_19** | **par\_20** | **par\_21** | **par\_22** | **par\_23** | **par\_24** | **par\_25** | **par\_26** | **par\_27** | **par\_28** | **par\_29** | **par\_30** | **par\_31** | **par\_32** | **par\_33** | **par\_34** | **par\_35** | **par\_36** | **par\_37** | **par\_38** | **par\_39** | **par\_40** | **par\_41** | **par\_42** | **par\_43** | **par\_44** | **par\_45** | **par\_46** | **par\_47** | **par\_48** | **par\_49** | **par\_50** | **par\_51** | **par\_52** | **par\_53** | **par\_54** | **par\_55** | **par\_56** | **par\_57** | **par\_58** | **par\_59** | **par\_60** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **par\_1** | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_2** | .596 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_3** | .002 | -.001 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_4** | .001 | .000 | .457 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_5** | -.001 | -.001 | -.001 | -.001 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_6** | -.005 | .001 | -.002 | -.001 | .492 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_7** | .000 | .010 | -.001 | .000 | -.031 | -.042 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_8** | .000 | .000 | -.001 | .000 | -.040 | -.021 | .446 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_9** | .032 | .024 | -.004 | -.001 | -.029 | -.023 | .102 | .022 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_10** | .034 | .011 | -.054 | -.016 | .025 | .031 | .080 | .011 | .631 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_11** | -.018 | .010 | .002 | .000 | .038 | .042 | .007 | .010 | -.050 | -.049 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_12** | .003 | .000 | .023 | .043 | -.012 | -.014 | -.020 | .007 | -.264 | -.342 | -.167 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_13** | -.004 | -.004 | .017 | .006 | .182 | .178 | -.084 | -.050 | -.217 | -.336 | -.105 | -.018 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_14** | .023 | .031 | -.002 | -.001 | .021 | .018 | -.157 | -.160 | .349 | .400 | -.056 | -.163 | -.128 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_15** | .002 | .002 | -.051 | -.036 | -.119 | -.120 | -.015 | -.014 | -.035 | -.083 | -.002 | -.009 | -.021 | -.025 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_16** | -.067 | -.056 | .000 | .000 | -.186 | -.225 | -.004 | -.009 | .027 | -.046 | -.067 | .020 | -.050 | -.005 | .157 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_17** | -.108 | -.099 | -.057 | -.039 | -.010 | -.035 | .000 | -.002 | .012 | -.052 | -.008 | .006 | .010 | -.005 | .098 | .133 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_18** | .118 | .043 | .010 | .004 | -.012 | -.030 | -.013 | -.006 | -.106 | -.181 | -.621 | .176 | .117 | -.031 | .017 | -.103 | -.012 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_19** | .019 | .066 | .000 | .000 | .001 | -.011 | -.007 | -.002 | -.174 | -.098 | -.472 | .134 | .071 | -.022 | .007 | -.077 | -.008 | .635 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_20** | -.005 | .002 | -.015 | -.005 | -.088 | -.022 | .005 | .009 | .283 | .352 | .049 | -.113 | -.262 | .150 | -.010 | .052 | -.011 | -.153 | -.104 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_21** | .001 | -.005 | -.016 | -.006 | .002 | .014 | -.009 | .054 | -.003 | .181 | .007 | -.047 | -.060 | -.035 | -.018 | -.022 | -.018 | -.048 | -.010 | .055 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_22** | .008 | -.003 | -.009 | -.003 | .009 | .010 | -.007 | .079 | .016 | .104 | .025 | -.031 | -.036 | -.046 | -.011 | -.013 | -.010 | -.038 | -.020 | .040 | .130 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_23** | .002 | -.005 | -.009 | -.003 | .006 | .012 | .018 | .038 | -.005 | .092 | .004 | -.025 | -.014 | -.050 | -.012 | -.031 | -.010 | -.023 | -.009 | .024 | .520 | .071 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_24** | .004 | -.003 | -.013 | -.004 | .043 | .038 | .019 | .136 | .047 | .168 | .015 | -.046 | -.068 | -.031 | -.022 | -.025 | -.014 | -.046 | -.016 | .135 | .112 | .513 | .132 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_25** | .095 | .096 | -.001 | .000 | .090 | .038 | -.004 | .003 | -.025 | .002 | .175 | -.029 | -.004 | -.006 | -.010 | -.500 | -.015 | -.008 | -.004 | -.021 | .013 | .008 | .010 | .010 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_26** | .024 | .005 | .003 | .001 | -.013 | -.136 | .006 | .006 | -.081 | -.078 | -.077 | .043 | .023 | -.040 | .017 | .011 | .004 | .132 | .093 | -.298 | -.004 | -.110 | .003 | .021 | .022 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_27** | .007 | -.003 | .000 | .000 | .028 | .022 | .010 | -.006 | -.006 | .001 | -.013 | .005 | -.001 | -.010 | -.003 | -.006 | -.001 | .026 | .017 | -.014 | -.025 | .152 | -.011 | .061 | .027 | -.167 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_28** | .003 | -.002 | -.003 | -.001 | .134 | .132 | .006 | .028 | .004 | .036 | .011 | .002 | -.056 | -.005 | -.023 | -.022 | -.006 | -.002 | -.001 | .066 | .002 | .069 | .028 | .201 | .016 | -.014 | .432 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_29** | -.002 | -.001 | -.001 | .000 | .034 | .035 | -.036 | .014 | .009 | .018 | .014 | -.007 | -.006 | .008 | -.006 | -.015 | -.002 | -.020 | -.012 | .058 | .039 | -.039 | .021 | -.015 | .006 | -.029 | -.182 | -.074 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_30** | -.001 | .000 | -.003 | -.001 | .147 | .133 | .031 | .004 | .022 | .055 | .027 | -.008 | -.066 | .006 | -.025 | -.020 | -.006 | -.034 | -.012 | .121 | .022 | -.003 | .025 | .129 | .001 | -.050 | -.046 | .403 | .270 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_31** | -.020 | -.020 | -.002 | -.001 | .191 | .118 | .006 | .007 | -.023 | .009 | .158 | -.030 | .022 | -.005 | -.025 | -.519 | -.002 | .002 | .089 | -.011 | .012 | .006 | .012 | .021 | .520 | -.010 | .002 | .022 | .019 | .028 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_32** | -.001 | .019 | -.004 | -.002 | .017 | .023 | .003 | .005 | -.012 | .048 | .004 | -.005 | -.055 | .007 | -.004 | -.004 | -.007 | -.013 | .108 | .061 | .041 | .014 | -.099 | .020 | .002 | -.050 | -.006 | .004 | .010 | .019 | .136 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_33** | .001 | -.001 | -.002 | -.001 | .007 | -.001 | .009 | .007 | .020 | .040 | .017 | .001 | -.108 | .003 | -.002 | .000 | -.002 | -.020 | -.012 | .120 | .009 | .007 | .125 | .137 | .002 | -.017 | .000 | .453 | .005 | .472 | -.005 | -.096 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_34** | .004 | -.003 | .003 | .025 | -.005 | -.006 | -.002 | -.003 | -.008 | -.080 | .003 | -.131 | .053 | -.004 | -.032 | .002 | -.039 | .045 | .000 | -.045 | -.043 | -.024 | -.023 | -.033 | -.003 | .005 | -.002 | -.009 | -.003 | -.010 | -.005 | -.014 | -.008 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_35** | .004 | -.003 | .033 | .061 | -.005 | -.006 | -.002 | -.003 | -.007 | -.079 | .003 | -.123 | .051 | -.004 | -.033 | .002 | -.039 | .044 | .000 | -.044 | -.042 | -.023 | -.022 | -.033 | -.003 | .005 | -.002 | -.009 | -.003 | -.010 | -.004 | -.014 | -.008 | .613 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_36** | .032 | -.006 | .002 | .001 | -.002 | -.005 | .061 | -.027 | .015 | -.021 | -.064 | .018 | .012 | -.047 | .002 | -.004 | .001 | .043 | .022 | -.013 | .040 | -.023 | .103 | -.002 | .001 | .013 | -.011 | -.005 | .017 | .015 | -.007 | -.013 | .016 | .006 | .006 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_37** | .064 | -.016 | -.001 | .000 | .001 | .001 | .036 | .000 | .063 | .057 | -.013 | -.020 | -.017 | .049 | -.004 | -.007 | -.004 | -.161 | -.103 | .012 | .029 | -.061 | .020 | -.004 | -.002 | .009 | -.014 | .001 | .006 | .012 | -.001 | -.005 | .011 | -.002 | -.002 | .248 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_38** | .057 | -.054 | .001 | .000 | .001 | .001 | .014 | .000 | .012 | .013 | -.009 | -.003 | -.001 | .028 | -.001 | -.005 | -.001 | -.076 | -.182 | .000 | .150 | -.033 | .041 | -.007 | -.003 | .007 | -.008 | .000 | .005 | .005 | .001 | -.004 | .003 | .002 | .002 | .133 | .513 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_39** | -.010 | .002 | -.001 | .000 | .000 | .000 | -.058 | -.005 | .006 | .014 | -.031 | .001 | -.002 | .017 | .000 | -.010 | .000 | .020 | .019 | .005 | .167 | .006 | -.023 | .001 | -.018 | .002 | -.020 | -.006 | -.004 | -.021 | .011 | .007 | -.020 | -.003 | -.003 | -.239 | .107 | .162 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_40** | -.032 | .014 | -.001 | .000 | -.001 | -.004 | -.009 | -.002 | -.029 | -.008 | -.096 | .023 | .011 | -.013 | .000 | .002 | .000 | .154 | .124 | .004 | .004 | -.026 | -.001 | -.005 | .000 | -.011 | .004 | .002 | -.002 | -.003 | .004 | .009 | -.003 | -.003 | -.003 | -.046 | -.183 | -.125 | .035 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_41** | -.647 | -.598 | -.002 | -.001 | .000 | -.013 | -.001 | .000 | -.020 | -.031 | .021 | -.002 | .003 | -.019 | .011 | .144 | .225 | -.144 | .030 | .004 | -.004 | -.005 | -.003 | -.004 | -.191 | -.016 | -.004 | -.003 | .002 | .002 | .043 | .011 | .000 | -.005 | -.005 | -.014 | -.013 | -.007 | .003 | .003 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_42** | .000 | .000 | -.355 | -.292 | .000 | .000 | .000 | .000 | .001 | .011 | .000 | -.036 | -.003 | .000 | .195 | .021 | .213 | -.002 | .000 | .003 | .003 | .002 | .002 | .003 | .000 | -.001 | .000 | .001 | .000 | .001 | .000 | .001 | .000 | -.006 | -.025 | .000 | .000 | .000 | .000 | .000 | .015 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_43** | .003 | .001 | .001 | .000 | -.629 | -.630 | .013 | .010 | .023 | -.041 | -.021 | .022 | -.224 | -.016 | .227 | .229 | .029 | .013 | -.002 | .182 | -.011 | -.011 | -.008 | -.021 | -.043 | .059 | -.016 | -.033 | -.024 | -.036 | -.135 | -.019 | .106 | .003 | .003 | .004 | -.001 | -.001 | -.001 | .002 | .007 | .011 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_44** | -.025 | -.015 | .032 | .011 | -.012 | -.019 | -.061 | .009 | -.652 | -.779 | .018 | .277 | .214 | -.412 | .060 | .023 | .026 | .170 | .121 | -.301 | -.083 | -.051 | -.044 | -.095 | .003 | .091 | .006 | -.006 | -.015 | -.026 | -.002 | -.010 | -.013 | .079 | .077 | .013 | -.030 | -.010 | -.007 | .022 | .021 | -.006 | .029 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_45** | .001 | -.007 | -.005 | -.002 | .025 | .025 | -.501 | -.419 | -.042 | .018 | -.008 | -.006 | .030 | .047 | .004 | -.002 | -.005 | -.001 | .003 | .008 | .032 | .002 | .026 | -.037 | .002 | -.006 | .012 | -.007 | .026 | -.007 | -.002 | .002 | .003 | -.013 | -.012 | .126 | -.005 | -.003 | .013 | .006 | -.001 | .001 | -.011 | .002 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_46** | .244 | .182 | .000 | .000 | .000 | -.001 | .001 | .000 | .009 | .008 | .003 | .000 | -.002 | .007 | .001 | -.018 | -.028 | .025 | .001 | -.002 | .000 | .003 | .000 | .001 | .025 | .006 | .000 | .000 | .000 | .000 | -.005 | .001 | .000 | .001 | .001 | .007 | .016 | .009 | -.003 | .201 | -.176 | .000 | .001 | -.007 | .000 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_47** | -.365 | .074 | -.002 | -.001 | .000 | .003 | .000 | .000 | -.019 | -.022 | -.012 | .006 | .006 | -.008 | .000 | .015 | .023 | .040 | .053 | .003 | -.002 | -.011 | -.005 | -.005 | -.020 | -.013 | -.010 | -.004 | .000 | -.002 | .006 | .012 | -.004 | -.004 | -.004 | -.052 | -.147 | -.146 | .020 | .087 | .090 | .000 | -.001 | .016 | -.001 | -.179 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_48** | .139 | -.237 | .002 | .001 | .000 | -.003 | .001 | -.001 | .002 | .004 | -.009 | .002 | .001 | -.007 | .001 | .000 | .003 | .007 | -.036 | -.005 | .038 | .010 | .013 | .003 | -.005 | .007 | .006 | .002 | .001 | -.001 | .001 | -.011 | .001 | .004 | .004 | .111 | .002 | .250 | .141 | -.050 | .005 | .000 | .001 | -.004 | .011 | -.012 | -.423 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |  |
| **par\_49** | .001 | .000 | .296 | .186 | .000 | -.001 | .000 | .000 | -.001 | -.017 | .000 | .012 | .005 | -.001 | -.016 | .000 | -.018 | .004 | .000 | -.005 | -.005 | -.003 | -.003 | -.004 | .000 | .001 | .000 | -.001 | .000 | -.001 | -.001 | -.001 | -.001 | .055 | .185 | .001 | .000 | .000 | .000 | .000 | -.001 | -.124 | .000 | .010 | -.002 | .000 | -.001 | .001 | 1.000 |  |  |  |  |  |  |  |  |  |  |  |
| **par\_50** | .000 | .000 | -.315 | -.049 | .000 | .000 | .000 | .000 | .001 | .016 | -.001 | .002 | -.005 | .000 | .014 | .000 | .015 | -.002 | .000 | .004 | .004 | .002 | .002 | .003 | .000 | -.001 | .000 | .001 | .000 | .001 | .000 | .001 | .001 | -.129 | -.055 | -.001 | .000 | .000 | .000 | .000 | .001 | .075 | .000 | -.009 | .001 | .000 | .000 | .000 | -.397 | 1.000 |  |  |  |  |  |  |  |  |  |  |
| **par\_51** | .000 | .000 | .025 | -.146 | .000 | .001 | .000 | .000 | .001 | .006 | .000 | .010 | -.005 | .000 | .005 | .000 | .005 | -.005 | .000 | .004 | .004 | .002 | .002 | .003 | .000 | .000 | .000 | .001 | .000 | .001 | .000 | .001 | .001 | -.055 | -.088 | -.001 | .000 | .000 | .000 | .000 | .000 | .013 | .000 | -.007 | .001 | .000 | .000 | .000 | -.071 | -.156 | 1.000 |  |  |  |  |  |  |  |  |  |
| **par\_52** | -.003 | -.001 | -.001 | .000 | .446 | .451 | -.021 | -.017 | -.009 | .024 | .047 | -.023 | .146 | .015 | -.072 | -.134 | -.014 | -.031 | -.002 | -.031 | .006 | .009 | -.012 | .023 | .059 | -.084 | .021 | .057 | .034 | .064 | .222 | .193 | -.139 | -.004 | -.004 | -.006 | .000 | .000 | .002 | -.003 | .005 | .000 | -.443 | -.024 | .014 | .000 | .001 | -.001 | .000 | .000 | .000 | 1.000 |  |  |  |  |  |  |  |  |
| **par\_53** | -.002 | .002 | .000 | .000 | -.410 | -.041 | .014 | .015 | .018 | .003 | -.024 | -.002 | -.032 | -.004 | .035 | .112 | -.003 | -.011 | -.010 | .047 | .004 | -.001 | -.001 | -.016 | -.101 | -.053 | -.007 | -.057 | -.137 | .046 | -.155 | -.006 | -.004 | .000 | .000 | -.002 | -.001 | -.001 | -.001 | -.001 | -.001 | .000 | .145 | -.010 | -.011 | .000 | .002 | -.002 | .000 | .000 | .000 | -.205 | 1.000 |  |  |  |  |  |  |  |
| **par\_54** | .005 | -.004 | .001 | .000 | -.046 | -.420 | .017 | .007 | .005 | -.011 | -.052 | .007 | -.023 | -.004 | .038 | .073 | .017 | .044 | .027 | -.029 | -.008 | -.019 | -.003 | -.003 | -.130 | .228 | -.120 | .014 | -.010 | -.057 | -.034 | -.016 | .004 | .002 | .002 | .004 | .001 | .002 | .005 | .004 | .014 | .000 | .152 | .005 | -.011 | .001 | -.002 | .004 | .000 | .000 | .000 | -.217 | -.117 | 1.000 |  |  |  |  |  |  |
| **par\_55** | .000 | .004 | -.001 | .000 | .013 | .010 | .417 | .298 | .041 | .042 | .008 | -.009 | -.042 | -.076 | -.013 | -.006 | -.002 | -.012 | -.005 | .019 | -.012 | .071 | -.098 | .163 | .000 | .003 | .043 | .190 | -.008 | .215 | .008 | .021 | .018 | -.003 | -.003 | -.015 | .011 | .002 | -.038 | -.004 | .000 | .000 | -.010 | -.027 | -.280 | .000 | .000 | -.004 | .000 | .000 | .000 | .015 | .010 | .004 | 1.000 |  |  |  |  |  |
| **par\_56** | -.002 | -.005 | -.001 | .000 | .007 | .016 | -.428 | -.073 | -.043 | -.026 | -.007 | .009 | .029 | .057 | .005 | .000 | -.001 | .006 | .005 | .004 | .119 | -.196 | .029 | -.009 | -.001 | .029 | -.173 | -.039 | .068 | -.031 | -.001 | .003 | -.007 | -.002 | -.002 | -.029 | .003 | .021 | .215 | .011 | .001 | .000 | -.004 | .025 | .139 | -.001 | .004 | .016 | .000 | .000 | .000 | .006 | -.009 | .007 | -.354 | 1.000 |  |  |  |  |
| **par\_57** | .000 | .002 | .002 | .001 | .003 | -.004 | .017 | -.239 | .004 | -.017 | -.004 | .002 | .010 | .031 | .005 | .005 | .003 | .007 | .002 | -.014 | -.074 | -.081 | -.043 | -.129 | -.003 | -.002 | .028 | -.020 | -.196 | -.021 | -.003 | -.005 | -.005 | .006 | .006 | -.003 | .004 | -.001 | -.013 | .000 | .001 | .000 | .002 | .002 | .030 | .000 | .001 | -.002 | .001 | -.001 | -.001 | -.002 | .015 | -.001 | -.097 | -.123 | 1.000 |  |  |  |
| **par\_58** | .006 | .001 | -.022 | -.007 | .016 | .020 | .017 | .009 | .161 | .350 | -.017 | -.103 | -.140 | .096 | -.030 | -.016 | -.022 | -.049 | -.019 | .253 | .108 | -.161 | .058 | .105 | .003 | .094 | -.027 | .031 | .013 | .040 | .005 | .025 | .035 | -.054 | -.052 | -.016 | .018 | -.008 | .017 | .206 | -.010 | .004 | -.005 | -.231 | .024 | .022 | .005 | -.007 | -.007 | .006 | .005 | .008 | -.004 | .006 | .016 | .034 | -.016 | 1.000 |  |  |
| **par\_59** | .013 | .014 | -.023 | -.008 | .019 | .019 | -.002 | .007 | -.102 | .220 | -.054 | -.038 | -.063 | .011 | -.023 | -.027 | -.030 | .007 | .158 | .039 | .206 | .065 | -.021 | .088 | .005 | .013 | .004 | .018 | .006 | .020 | .026 | .221 | -.003 | -.062 | -.061 | -.017 | .042 | .194 | .041 | .017 | -.007 | .005 | -.024 | -.076 | .036 | .002 | -.002 | .023 | -.008 | .006 | .006 | .027 | -.004 | -.003 | .015 | .017 | -.020 | .135 | 1.000 |  |
| **par\_60** | -.024 | .008 | .048 | .018 | -.026 | -.025 | -.018 | -.021 | -.029 | -.528 | .083 | .132 | .155 | -.021 | .049 | .049 | .051 | -.004 | -.051 | -.106 | -.286 | -.148 | -.156 | -.205 | -.006 | -.032 | -.014 | -.044 | -.007 | -.039 | -.011 | -.065 | -.031 | .030 | .147 | .004 | -.148 | -.046 | -.030 | -.026 | .028 | -.011 | .034 | .202 | -.082 | -.004 | .007 | .004 | .027 | -.008 | -.011 | -.013 | .005 | .001 | -.021 | -.011 | .039 | -.347 | -.411 | 1.000 |

## Model Fit Summary

## CMIN

| **Model** | **NPAR** | **CMIN** | **DF** | **P** | **CMIN/DF** |
| --- | --- | --- | --- | --- | --- |
| **Default model** | 60 | 36.068 | 60 | .994 | .601 |
| **Saturated model** | 120 | .000 | 0 |  |  |
| **Independence model** | 15 | 2949.665 | 105 | .000 | 28.092 |

## RMR, GFI

| **Model** | **RMR** | **GFI** | **AGFI** | **PGFI** |
| --- | --- | --- | --- | --- |
| **Default model** | .021 | .986 | .971 | .493 |
| **Saturated model** | .000 | 1.000 |  |  |
| **Independence model** | .258 | .424 | .342 | .371 |

## Baseline Comparisons

| **Model** | **NFI Delta1** | **RFI rho1** | **IFI Delta2** | **TLI rho2** | **CFI** |
| --- | --- | --- | --- | --- | --- |
| **Default model** | .988 | .979 | 1.008 | 1.015 | 1.000 |
| **Saturated model** | 1.000 |  | 1.000 |  | 1.000 |
| **Independence model** | .000 | .000 | .000 | .000 | .000 |

## Parsimony-Adjusted Measures

| **Model** | **PRATIO** | **PNFI** | **PCFI** |
| --- | --- | --- | --- |
| **Default model** | .571 | .564 | .571 |
| **Saturated model** | .000 | .000 | .000 |
| **Independence model** | 1.000 | .000 | .000 |

## NCP

| **Model** | **NCP** | **LO 90** | **HI 90** |
| --- | --- | --- | --- |
| **Default model** | .000 | .000 | .000 |
| **Saturated model** | .000 | .000 | .000 |
| **Independence model** | 2844.665 | 2671.192 | 3025.458 |

## FMIN

| **Model** | **FMIN** | **F0** | **LO 90** | **HI 90** |
| --- | --- | --- | --- | --- |
| **Default model** | .111 | .000 | .000 | .000 |
| **Saturated model** | .000 | .000 | .000 | .000 |
| **Independence model** | 9.104 | 8.780 | 8.244 | 9.338 |

## RMSEA

| **Model** | **RMSEA** | **LO 90** | **HI 90** | **PCLOSE** |
| --- | --- | --- | --- | --- |
| **Default model** | .000 | .000 | .000 | 1.000 |
| **Independence model** | .289 | .280 | .298 | .000 |

## AIC

| **Model** | **AIC** | **BCC** | **BIC** | **CAIC** |
| --- | --- | --- | --- | --- |
| **Default model** | 156.068 | 162.302 | 383.097 | 443.097 |
| **Saturated model** | 240.000 | 252.468 | 694.059 | 814.059 |
| **Independence model** | 2979.665 | 2981.224 | 3036.422 | 3051.422 |

## ECVI

| **Model** | **ECVI** | **LO 90** | **HI 90** | **MECVI** |
| --- | --- | --- | --- | --- |
| **Default model** | .482 | .556 | .556 | .501 |
| **Saturated model** | .741 | .741 | .741 | .779 |
| **Independence model** | 9.196 | 8.661 | 9.755 | 9.201 |

## HOELTER

| **Model** | **HOELTER .05** | **HOELTER .01** |
| --- | --- | --- |
| **Default model** | 711 | 794 |
| **Independence model** | 15 | 16 |

## Execution time summary

|  |  |
| --- | --- |
| **Minimization:** | .031 |
| **Miscellaneous:** | 1.214 |
| **Bootstrap:** | .000 |
| **Total:** | 1.245 |