We use chi-square test to check the comparability of two sets of counting data.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable | Recurrent UIsN (%) | Non-recurrent UIsN (%) | *χ2* | *P* | *v* | η |
| Gender |  |  | 22.188 | <0.001 | 1 | 0.088 |
| Male | 81(5.4) | 1407(94.6) |  |  |  |  |
| Female | 28(2.1) | 1334(97.9) |  |  |  |  |
| Grade |  |  | 11.778 | 0.001 | 1 | 0.064 |
| 4 | 76(5.0) | 1453(95.0) |  |  |  |  |
| 5 | 33(2.5) | 1288(97.5) |  |  |  |  |
| Agea |  |  | 4.269 | 0.039 | 2 | 0.070 |
| 8-9 | 61(4.8) | 1205(95.2) |  |  |  |  |
| 10 | 36(3.0) | 1183(97.0) |  |  |  |  |
| 11-12 | 12(3.3) | 353(96.7) |  |  |  |  |
| Residence |  |  | 1.190 | 0.275 | 1 | 0.200 |
| Urban | 67(4.2) | 1540(95.8) |  |  |  |  |
| Rural | 42(3.4) | 1201(96.6) |  |  |  |  |
| Only child |  |  | 0.566 | 0.452 | 1 | 0.014 |
| Yes | 33(3.4) | 925(96.6) |  |  |  |  |
| No | 76(4.0) | 1816(96.0) |  |  |  |  |
| Mother is aliveb |  |  | – | 0.349 | 1 | 0.017 |
| Yes | 108(3.8) | 2730(96.2) |  |  |  |  |
| No | 1(9.1) | 10(90.9) |  |  |  |  |
| Missing |  |  |  |  |  |  |
| Father is alivec |  |  | 0.000 | 1.000 | 1 | 0.000 |
| Yes | 108(3.8) | 2714(96.2) |  |  |  |  |
| No | 1(3.7) | 26(96.3) |  |  |  |  |
| Missing |  |  |  |  |  |  |
| Parents divorcedc |  |  | 0.003 | 0.956 | 1 | 0.006 |
| Yes | 3(3.2) | 91(96.8) |  |  |  |  |
| No | 106(3.9) | 2646(96.1) |  |  |  |  |
| Missing |  |  |  |  |  |  |

UIs=unintentional injuries; alinear-by-linear association; bFisher's exact test; ccontinuity correction

When the skewness and kurtosis are ≈ 0, the distribution can be considered to be symmetric and follow normal distribution. When the kurtosis is ≈0, the distribution can be considered to have a suitable peak and follow a normal distribution. When the sample size is large, the sample can also obey the normal distribution by default.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | skewness | Standard errors of skewness | kurtosis | Standard errors of kurtosis |
| MCTQ |  |  |  |  |
| Activity | 0.046 | 0.047 | -0.279 | 0.095 |
| Predictability | -0.058 | 0.047 | -0.152 | 0.095 |
| Approach | -0.07 | 0.047 | 0.227 | 0.095 |
| Adaptability | -0.166 | 0.047 | -0.172 | 0.095 |
| Intensity | 0.012 | 0.047 | -0.445 | 0.095 |
| Mood | -0.103 | 0.047 | -0.241 | 0.095 |
| Persistence | 0.085 | 0.047 | -0.335 | 0.095 |
| Distractibility | -0.197 | 0.047 | -0.003 | 0.095 |
| Threshold | -0.196 | 0.047 | 0.070 | 0.095 |
| EMBU |  |  |  |  |
| Emotional warmth | -0.279 | 0.050 | -0.372 | 0.100 |
| Punishing | 1.537 | 0.049 | 2.466 | 0.098 |
| Over-interference | 0.572 | 0.048 | 0.103 | 0.097 |
| Favoritism | 0.343 | 0.059 | -0.452 | 0.117 |
| Rejection | 1.326 | 0.047 | 1.993 | 0.094 |
| Overprotection | 0.305 | 0.048 | -0.219 | 0.095 |

Homogeneity of variance test.

|  |  |  |  |
| --- | --- | --- | --- |
|  | *V1* | *V2* | *P* |
| MCTQ |  |  |  |
| Activity | 1 | 1154 | 0.612 |
| Predictability | 1 | 1154 | 0.023 |
| Approach | 1 | 1154 | 0.871 |
| Adaptability | 1 | 1154 | 0.472 |
| Intensity | 1 | 1154 | 0.769 |
| Mood | 1 | 1154 | 0.107 |
| Persistence | 1 | 1154 | 0.412 |
| Distractibility | 1 | 1154 | 0.345 |
| Threshold | 1 | 1154 | 0.745 |
| EMBU |  |  |  |
| Emotional warmth | 1 | 1154 | 0.008 |
| Punishing | 1 | 1154 | 0.079 |
| Over-interference | 1 | 1154 | 0.003 |
| Favoritism | 1 | 1154 | 0.293 |
| Rejection | 1 | 1154 | 0.330 |
| Overprotection | 1 | 1154 | 0.521 |

Comparison between groups was performed using the T-test.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Recurrent UIs(N=109) | Non-recurrent UIs(N=2741) | *T* | *P* | *V* | *95%CI* | *Cohen's d* |
| MCTQ |  |  |  |  |  |  |  |
| Activity | 3.14(0.73) | 2.89(0.72) | -3.399 | 0.001 | 2659 | (0.105,0.393) | 0.35 |
| Predictability | 3.21(0.48) | 3.04(0.57) | -3.515 | 0.001 | 111.54 | (0.075,0.267) | 0.32 |
| Approach | 3.21(0.66) | 3.31(0.64) | 1.602 | 0.109 | 2659 | (-0.233,0.023) | 0.15 |
| Adaptability | 2.92(0.65) | 2.85(0.66) | -1.078 | 0.281 | 2659 | (-0.059,0.202) | 0.11 |
| Intensity | 3.22(0.79) | 3.08(0.78) | -1.803 | 0.071 | 2659 | (-0.013,0.299) | 0.18 |
| Mood | 2.97(0.59) | 2.85(0.61) | -1.870 | 0.062 | 2659 | (-0.006,0.236) | 0.20 |
| Persistence | 2.98(0.76) | 2.71(0.75) | -3.453 | 0.001 | 2659 | (0.114,0.414) | 0.36 |
| Distractibility | 3.95(0.57) | 3.97(0.70) | 0.277 | 0.782 | 2659 | (-0.154,0.122) | 0.03 |
| Threshold | 3.52(0.68) | 3.54(0.75) | 0.176 | 0.861 | 2659 | (-0.161,0.135） | 0.03 |
| EMBU |  |  |  |  |  |  |  |
| Emotional warmth | 2.69(0.59) | 2.70(0.54) | 0.194 | 0.847 | 95.928 | (-0.137,0.113) | 0.02 |
| Punishing | 1.89(0.63) | 1.55(0.54) | -5.782 | <0.001 | 2516 | (0.223,0.452) | 0.58 |
| Over-interference | 2.26(0.52) | 1.98(0.43) | -5.045 | <0.001 | 90.304 | (0.172,0.396) | 0.59 |
| Favoritism | 2.14(0.68) | 2.06(0.64) | -0.921 | 0.357 | 1747 | (-0.085,0.234) | 0.12 |
| Rejection | 1.85(0.61) | 1.56(0.52) | -5.564 | <0.001 | 2691 | (0.190,0.398) | 0.51 |
| Overprotection | 2.38(0.61) | 2.19(0.54) | -3.290 | 0.001 | 2649 | (0.075,0.297) | 0.33 |

UIs=unintentional injuries.

Because the outcome variable is a binary variable, binary logistic regression was used in the analysis.

|  |  |
| --- | --- |
| Variables | Binary logistic regression analysis |
| *P* | OR | *95% CI* | SE | *v* |
| Grade | <0.001 | 0.225 | （0.124，0.408） | 0.303 | 1 |
| Activity | 0.007 | 1.607 | （1.141，2.264） | 0.175 | 1 |
| Over-interference | 0.002 | 2.280 | （1.368，3.798） | 0.260 | 1 |

Confirmatory factor analysis.

TITLE: The structure of father

DATA: FILE IS C:\mplus\data\father.dat;

VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

USEVARIABLES are t1 t2 t4 t6-t7 f2 f4;

ANALYSIS: ESTIMATOR=ML;

MODEL: s1 BY t1 t2 t4 t6-t7;

 s2 by f2 f4;

 t4 WITH t6;

OUTPUT: STANDARDIZED;

 MODINDICES;

Mplus VERSION 6.12

MUTHEN & MUTHEN

06/07/2017 5:46 PM

INPUT INSTRUCTIONS

 TITLE: The structure of father

 DATA: FILE IS C:\mplus\data\father.dat;

 VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

 USEVARIABLES are t1 t2 t4 t6-t7 f2 f4;

 ANALYSIS: ESTIMATOR=ML;

 MODEL: s1 BY t1 t2 t4 t6-t7;

 s2 by f2 f4;

 t4 WITH t6;

 OUTPUT: STANDARDIZED;

 MODINDICES;

INPUT READING TERMINATED NORMALLY

The structure of father

SUMMARY OF ANALYSIS

Number of groups 1

Number of observations 2614

Number of dependent variables 7

Number of independent variables 0

Number of continuous latent variables 2

Observed dependent variables

 Continuous

 T1 T2 T4 T6 T7 F2

 F4

Continuous latent variables

 S1 S2

Estimator ML

Information matrix OBSERVED

Maximum number of iterations 1000

Convergence criterion 0.500D-04

Maximum number of steepest descent iterations 20

Input data file(s)

 C:\mplus\data\father.dat

Input data format FREE

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 23

Loglikelihood

 H0 Value -13398.467

 H1 Value -13361.950

Information Criteria

 Akaike (AIC) 26842.934

 Bayesian (BIC) 26977.913

 Sample-Size Adjusted BIC 26904.835

 (n\* = (n + 2) / 24)

Chi-Square Test of Model Fit

 Value 73.035

 Degrees of Freedom 12

 P-Value 0.0000

RMSEA (Root Mean Square Error Of Approximation)

 Estimate 0.044

 90 Percent C.I. 0.035 0.054

 Probability RMSEA <= .05 0.827

CFI/TLI

 CFI 0.992

 TLI 0.986

Chi-Square Test of Model Fit for the Baseline Model

 Value 7586.326

 Degrees of Freedom 21

 P-Value 0.0000

SRMR (Standardized Root Mean Square Residual)

 Value 0.015

MODEL RESULTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 T1 1.000 0.000 999.000 999.000

 T2 0.800 0.024 33.334 0.000

 T4 0.849 0.028 29.834 0.000

 T6 0.844 0.027 31.678 0.000

 T7 1.289 0.034 37.721 0.000

 S2 BY

 F2 1.000 0.000 999.000 999.000

 F4 0.889 0.068 13.050 0.000

 S2 WITH

 S1 0.060 0.006 10.081 0.000

 T4 WITH

 T6 0.054 0.005 10.384 0.000

 Intercepts

 T1 2.902 0.014 205.159 0.000

 T2 3.042 0.011 275.870 0.000

 T4 2.855 0.013 223.269 0.000

 T6 2.857 0.012 240.601 0.000

 T7 2.723 0.015 184.626 0.000

 F2 1.565 0.010 149.979 0.000

 F4 1.566 0.010 151.561 0.000

 Variances

 S1 0.257 0.013 19.301 0.000

 S2 0.226 0.019 12.149 0.000

 Residual Variances

 T1 0.266 0.009 30.365 0.000

 T2 0.153 0.005 29.162 0.000

 T4 0.242 0.008 31.247 0.000

 T6 0.185 0.006 30.006 0.000

 T7 0.141 0.008 18.291 0.000

 F2 0.059 0.017 3.442 0.001

 F4 0.100 0.014 7.335 0.000

STANDARDIZED MODEL RESULTS

STDYX Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 T1 0.702 0.012 59.182 0.000

 T2 0.720 0.012 62.034 0.000

 T4 0.659 0.013 50.509 0.000

 T6 0.705 0.012 59.457 0.000

 T7 0.868 0.008 104.790 0.000

 S2 BY

 F2 0.891 0.034 26.502 0.000

 F4 0.800 0.031 25.989 0.000

 S2 WITH

 S1 0.248 0.022 11.339 0.000

 T4 WITH

 T6 0.257 0.021 12.151 0.000

 Intercepts

 T1 4.013 0.059 68.194 0.000

 T2 5.396 0.077 69.942 0.000

 T4 4.367 0.063 68.787 0.000

 T6 4.706 0.068 69.246 0.000

 T7 3.611 0.054 67.326 0.000

 F2 2.933 0.045 65.131 0.000

 F4 2.964 0.045 65.259 0.000

 Variances

 S1 1.000 0.000 999.000 999.000

 S2 1.000 0.000 999.000 999.000

 Residual Variances

 T1 0.508 0.017 30.534 0.000

 T2 0.482 0.017 28.820 0.000

 T4 0.566 0.017 32.905 0.000

 T6 0.503 0.017 30.064 0.000

 T7 0.247 0.014 17.212 0.000

 F2 0.206 0.060 3.433 0.001

 F4 0.359 0.049 7.293 0.000

STDY Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 T1 0.702 0.012 59.182 0.000

 T2 0.720 0.012 62.034 0.000

 T4 0.659 0.013 50.509 0.000

 T6 0.705 0.012 59.457 0.000

 T7 0.868 0.008 104.790 0.000

 S2 BY

 F2 0.891 0.034 26.502 0.000

 F4 0.800 0.031 25.989 0.000

 S2 WITH

 S1 0.248 0.022 11.339 0.000

 T4 WITH

 T6 0.257 0.021 12.151 0.000

 Intercepts

 T1 4.013 0.059 68.194 0.000

 T2 5.396 0.077 69.942 0.000

 T4 4.367 0.063 68.787 0.000

 T6 4.706 0.068 69.246 0.000

 T7 3.611 0.054 67.326 0.000

 F2 2.933 0.045 65.131 0.000

 F4 2.964 0.045 65.259 0.000

 Variances

 S1 1.000 0.000 999.000 999.000

 S2 1.000 0.000 999.000 999.000

 Residual Variances

 T1 0.508 0.017 30.534 0.000

 T2 0.482 0.017 28.820 0.000

 T4 0.566 0.017 32.905 0.000

 T6 0.503 0.017 30.064 0.000

 T7 0.247 0.014 17.212 0.000

 F2 0.206 0.060 3.433 0.001

 F4 0.359 0.049 7.293 0.000

STD Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 T1 0.507 0.013 38.602 0.000

 T2 0.406 0.010 39.672 0.000

 T4 0.431 0.012 35.362 0.000

 T6 0.428 0.011 38.734 0.000

 T7 0.654 0.013 51.507 0.000

 S2 BY

 F2 0.475 0.020 24.298 0.000

 F4 0.423 0.018 23.510 0.000

 S2 WITH

 S1 0.248 0.022 11.339 0.000

 T4 WITH

 T6 0.054 0.005 10.384 0.000

 Intercepts

 T1 2.902 0.014 205.159 0.000

 T2 3.042 0.011 275.870 0.000

 T4 2.855 0.013 223.269 0.000

 T6 2.857 0.012 240.601 0.000

 T7 2.723 0.015 184.626 0.000

 F2 1.565 0.010 149.979 0.000

 F4 1.566 0.010 151.561 0.000

 Variances

 S1 1.000 0.000 999.000 999.000

 S2 1.000 0.000 999.000 999.000

 Residual Variances

 T1 0.266 0.009 30.365 0.000

 T2 0.153 0.005 29.162 0.000

 T4 0.242 0.008 31.247 0.000

 T6 0.185 0.006 30.006 0.000

 T7 0.141 0.008 18.291 0.000

 F2 0.059 0.017 3.442 0.001

 F4 0.100 0.014 7.335 0.000

R-SQUARE

 Observed Two-Tailed

 Variable Estimate S.E. Est./S.E. P-Value

 T1 0.492 0.017 29.591 0.000

 T2 0.518 0.017 31.017 0.000

 T4 0.434 0.017 25.254 0.000

 T6 0.497 0.017 29.728 0.000

 T7 0.753 0.014 52.395 0.000

 F2 0.794 0.060 13.251 0.000

 F4 0.641 0.049 12.995 0.000

QUALITY OF NUMERICAL RESULTS

 Condition Number for the Information Matrix 0.178E-02

 (ratio of smallest to largest eigenvalue)

MODEL MODIFICATION INDICES

NOTE: Modification indices for direct effects of observed dependent variables

regressed on covariates may not be included. To include these, request

MODINDICES (ALL).

Minimum M.I. value for printing the modification index 10.000

 M.I. E.P.C. Std E.P.C. StdYX E.P.C.

WITH Statements

T2 WITH T1 33.124 0.030 0.030 0.149

T6 WITH T1 25.841 -0.026 -0.026 -0.118

T7 WITH T2 45.221 -0.043 -0.043 -0.293

 Beginning Time: 17:46:49

 Ending Time: 17:46:49

 Elapsed Time: 00:00:00

Mediating effect analysis

TITLE: The structure of father SEM

DATA: FILE IS C:\mplus\data\father.dat;

VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

USEVARIABLES are u4 f2 f4 t1 t2 t4 t6 t7 ;

CATEGORICAL = u4;

ANALYSIS: Bootstrap=1000;

MODEL: s1 BY f2 f4;

 s2 by t1 t2 t4 t6 t7;

 t6 WITH t4;

 u4 on s2 s1 ;

 s2 on s1;

MODEL INDIRECT:

 u4 IND s2 s1;

OUTPUT: STANDARDIZED CINTERVAL(BCBOOTSTRAP);

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06/07/2017 5:55 PM

INPUT INSTRUCTIONS

 TITLE: The structure of father SEM

 DATA: FILE IS C:\mplus\data\father.dat;

 VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

 USEVARIABLES are u4 f2 f4 t1 t2 t4 t6 t7 ;

 CATEGORICAL = u4;

 ANALYSIS: Bootstrap=1000;

 MODEL: s1 BY f2 f4;

 s2 by t1 t2 t4 t6 t7;

 t6 WITH t4;

 u4 on s2 s1 ;

 s2 on s1;

 MODEL INDIRECT:

 u4 IND s2 s1;

 OUTPUT: STANDARDIZED CINTERVAL(BCBOOTSTRAP);

INPUT READING TERMINATED NORMALLY

The structure of father SEM

SUMMARY OF ANALYSIS

Number of groups 1

Number of observations 2614

Number of dependent variables 8

Number of independent variables 0

Number of continuous latent variables 2

Observed dependent variables

 Continuous

 F2 F4 T1 T2 T4 T6

 T7

 Binary and ordered categorical (ordinal)

 U4

Continuous latent variables

 S1 S2

Estimator WLSMV

Maximum number of iterations 1000

Convergence criterion 0.500D-04

Maximum number of steepest descent iterations 20

Number of bootstrap draws

 Requested 1000

 Completed 1000

Parameterization DELTA

Input data file(s)

 C:\mplus\data\father.dat

Input data format FREE

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

 U4

 Category 1 0.962 2515.000

 Category 2 0.038 99.000

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 26

WRMR (Weighted Root Mean Square Residual)

 Value 0.660

MODEL RESULTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 F2 1.000 0.000 999.000 999.000

 F4 0.888 0.063 14.001 0.000

 S2 BY

 T1 1.000 0.000 999.000 999.000

 T2 0.830 0.025 32.757 0.000

 T4 0.855 0.032 27.033 0.000

 T6 0.849 0.031 27.819 0.000

 T7 1.310 0.035 37.363 0.000

 S2 ON

 S1 0.269 0.030 8.901 0.000

 U4 ON

 S2 0.214 0.098 2.177 0.029

 S1 0.493 0.083 5.936 0.000

 T6 WITH

 T4 0.058 0.006 9.617 0.000

 Intercepts

 F2 1.565 0.010 151.562 0.000

 F4 1.566 0.010 153.137 0.000

 T1 2.902 0.015 199.297 0.000

 T2 3.042 0.011 283.229 0.000

 T4 2.855 0.013 224.927 0.000

 T6 2.857 0.012 240.267 0.000

 T7 2.723 0.015 178.108 0.000

 Thresholds

 U4$1 1.776 0.045 39.572 0.000

 Variances

 S1 0.226 0.019 11.741 0.000

 Residual Variances

 F2 0.058 0.017 3.501 0.000

 F4 0.101 0.013 7.556 0.000

 T1 0.274 0.011 25.877 0.000

 T2 0.146 0.006 24.469 0.000

 T4 0.245 0.009 28.628 0.000

 T6 0.189 0.007 26.315 0.000

 T7 0.141 0.009 16.093 0.000

 S2 0.233 0.012 18.848 0.000

STANDARDIZED MODEL RESULTS

 StdYX StdY Std

 Estimate Estimate Estimate

 S1 BY

 F2 0.892 0.892 0.476

 F4 0.800 0.800 0.423

 S2 BY

 T1 0.690 0.690 0.499

 T2 0.735 0.735 0.414

 T4 0.653 0.653 0.427

 T6 0.698 0.698 0.424

 T7 0.867 0.867 0.654

 S2 ON

 S1 0.256 0.256 0.256

 U4 ON

 S2 0.107 0.107 0.107

 S1 0.234 0.234 0.234

 T6 WITH

 T4 0.270 0.270 0.058

 Intercepts

 F2 2.933 2.933 1.565

 F4 2.964 2.964 1.566

 T1 4.013 4.013 2.902

 T2 5.396 5.396 3.042

 T4 4.367 4.367 2.855

 T6 4.706 4.706 2.857

 T7 3.611 3.611 2.723

 Thresholds

 U4$1 1.776 1.776 1.776

 Variances

 S1 1.000 1.000 1.000

 Residual Variances

 F2 0.204 0.204 0.058

 F4 0.361 0.361 0.101

 T1 0.524 0.524 0.274

 T2 0.460 0.460 0.146

 T4 0.574 0.574 0.245

 T6 0.513 0.513 0.189

 T7 0.249 0.249 0.141

 S2 0.934 0.934 0.934

R-SQUARE

 Observed Residual

 Variable Estimate Variance

 U4 0.079 0.921

 F2 0.796

 F4 0.639

 T1 0.476

 T2 0.540

 T4 0.426

 T6 0.487

 T7 0.751

 Latent

 Variable Estimate

 S2 0.066

TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S1 to U4

 Sum of indirect 0.057 0.027 2.118 0.034

 Specific indirect

 U4

 S2

 S1 0.057 0.027 2.118 0.034

STANDARDIZED TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

STDYX Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S1 to U4

 Sum of indirect 0.027 0.013 2.111 0.035

 Specific indirect

 U4

 S2

 S1 0.027 0.013 2.111 0.035

STDY Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S1 to U4

 Sum of indirect 0.027 0.013 2.118 0.034

 Specific indirect

 U4

 S2

 S1 0.027 0.013 2.118 0.034

STD Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S1 to U4

 Sum of indirect 0.027 0.013 2.111 0.035

 Specific indirect

 U4

 S2

 S1 0.027 0.013 2.111 0.035

CONFIDENCE INTERVALS OF MODEL RESULTS

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

 S1 BY

 F2 1.000 1.000 1.000 1.000 1.000 1.000 1.000

 F4 0.732 0.770 0.786 0.888 0.999 1.014 1.050

 S2 BY

 T1 1.000 1.000 1.000 1.000 1.000 1.000 1.000

 T2 0.763 0.782 0.789 0.830 0.873 0.880 0.898

 T4 0.765 0.787 0.798 0.855 0.904 0.912 0.931

 T6 0.770 0.788 0.797 0.849 0.901 0.911 0.934

 T7 1.223 1.245 1.259 1.310 1.374 1.385 1.402

 S2 ON

 S1 0.184 0.205 0.215 0.269 0.317 0.324 0.339

 U4 ON

 S2 -0.071 0.016 0.043 0.214 0.374 0.396 0.473

 S1 0.270 0.314 0.354 0.493 0.618 0.644 0.706

 T6 WITH

 T4 0.043 0.047 0.049 0.058 0.069 0.071 0.074

 Intercepts

 F2 1.538 1.544 1.548 1.565 1.582 1.586 1.592

 F4 1.542 1.547 1.550 1.566 1.584 1.587 1.593

 T1 2.867 2.873 2.879 2.902 2.926 2.932 2.938

 T2 3.014 3.022 3.025 3.042 3.060 3.064 3.071

 T4 2.825 2.831 2.833 2.855 2.876 2.879 2.883

 T6 2.827 2.835 2.838 2.857 2.878 2.881 2.887

 T7 2.683 2.692 2.699 2.723 2.747 2.752 2.760

 Thresholds

 U4$1 1.659 1.686 1.702 1.776 1.850 1.861 1.895

 Variances

 S1 0.183 0.193 0.198 0.226 0.262 0.270 0.289

 Residual Variances

 F2 0.001 0.023 0.027 0.058 0.082 0.086 0.094

 F4 0.067 0.076 0.081 0.101 0.124 0.130 0.139

 T1 0.247 0.253 0.257 0.274 0.292 0.295 0.304

 T2 0.132 0.135 0.138 0.146 0.157 0.159 0.164

 T4 0.224 0.228 0.231 0.245 0.259 0.263 0.269

 T6 0.172 0.176 0.178 0.189 0.203 0.206 0.209

 T7 0.118 0.125 0.127 0.141 0.156 0.159 0.164

 S2 0.204 0.209 0.212 0.233 0.253 0.259 0.265

CONFIDENCE INTERVALS OF TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S1 to U4

 Sum of indirect -0.017 0.005 0.012 0.057 0.102 0.110 0.129

 Specific indirect

 U4

 S2

 S1 -0.017 0.005 0.012 0.057 0.102 0.110 0.129

CONFIDENCE INTERVALS OF STANDARDIZED TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT,

AND DIRECT EFFECTS

STDYX Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S1 to U4

 Sum of indirect -0.006 0.002 0.006 0.027 0.049 0.053 0.061

 Specific indirect

 U4

 S2

 S1 -0.006 0.002 0.006 0.027 0.049 0.053 0.061

STDY Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S1 to U4

 Sum of indirect -0.006 0.002 0.006 0.027 0.049 0.053 0.061

 Specific indirect

 U4

 S2

 S1 -0.006 0.002 0.006 0.027 0.049 0.053 0.061

STD Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S1 to U4

 Sum of indirect -0.006 0.002 0.006 0.027 0.049 0.053 0.061

 Specific indirect

 U4

 S2

 S1 -0.006 0.002 0.006 0.027 0.049 0.053 0.061

 Beginning Time: 17:55:46

 Ending Time: 17:58:58

 Elapsed Time: 00:03:12

以父亲教养方式为中介

Take the father's parenting style as the intermediary

TITLE: The structure of father SEM

DATA: FILE IS C:\mplus\data\father.dat;

VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

USEVARIABLES are u4 f2 f4 t1 t2 t4 t6 t7 ;

CATEGORICAL = u4;

ANALYSIS: Bootstrap=1000;

MODEL: s1 BY f2 f4;

 s2 by t1 t2 t4 t6 t7;

 t6 WITH t4;

 u4 on s1 s2 ;

 s1 on s2;

MODEL INDIRECT:

 u4 IND s1 s2;

OUTPUT: STANDARDIZED CINTERVAL(BCBOOTSTRAP);

Mplus VERSION 6.12

MUTHEN & MUTHEN

06/08/2017 9:38 AM

INPUT INSTRUCTIONS

 TITLE: The structure of father SEM

 DATA: FILE IS C:\mplus\data\father.dat;

 VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

 USEVARIABLES are u4 f2 f4 t1 t2 t4 t6 t7 ;

 CATEGORICAL = u4;

 ANALYSIS: Bootstrap=1000;

 MODEL: s1 BY f2 f4;

 s2 by t1 t2 t4 t6 t7;

 t6 WITH t4;

 u4 on s1 s2 ;

 s1 on s2;

 MODEL INDIRECT:

 u4 IND s1 s2;

 OUTPUT: STANDARDIZED CINTERVAL(BCBOOTSTRAP);

INPUT READING TERMINATED NORMALLY

The structure of father SEM

SUMMARY OF ANALYSIS

Number of groups 1

Number of observations 2614

Number of dependent variables 8

Number of independent variables 0

Number of continuous latent variables 2

Observed dependent variables

 Continuous

 F2 F4 T1 T2 T4 T6

 T7

 Binary and ordered categorical (ordinal)

 U4

Continuous latent variables

 S1 S2

Estimator WLSMV

Maximum number of iterations 1000

Convergence criterion 0.500D-04

Maximum number of steepest descent iterations 20

Number of bootstrap draws

 Requested 1000

 Completed 1000

Parameterization DELTA

Input data file(s)

 C:\mplus\data\father.dat

Input data format FREE

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

 U4

 Category 1 0.962 2515.000

 Category 2 0.038 99.000

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 26

WRMR (Weighted Root Mean Square Residual)

 Value 0.660

MODEL RESULTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 F2 1.000 0.000 999.000 999.000

 F4 0.888 0.063 14.001 0.000

 S2 BY

 T1 1.000 0.000 999.000 999.000

 T2 0.830 0.025 32.756 0.000

 T4 0.855 0.032 27.032 0.000

 T6 0.849 0.031 27.818 0.000

 T7 1.310 0.035 37.361 0.000

 S1 ON

 S2 0.245 0.024 10.170 0.000

 U4 ON

 S1 0.493 0.083 5.936 0.000

 S2 0.214 0.098 2.177 0.029

 T6 WITH

 T4 0.058 0.006 9.616 0.000

 Intercepts

 F2 1.565 0.010 151.564 0.000

 F4 1.566 0.010 153.138 0.000

 T1 2.902 0.015 199.297 0.000

 T2 3.042 0.011 283.230 0.000

 T4 2.855 0.013 224.930 0.000

 T6 2.857 0.012 240.273 0.000

 T7 2.723 0.015 178.107 0.000

 Thresholds

 U4$1 1.776 0.045 39.572 0.000

 Variances

 S2 0.249 0.013 19.071 0.000

 Residual Variances

 F2 0.058 0.017 3.501 0.000

 F4 0.101 0.013 7.557 0.000

 T1 0.274 0.011 25.876 0.000

 T2 0.146 0.006 24.468 0.000

 T4 0.245 0.009 28.628 0.000

 T6 0.189 0.007 26.313 0.000

 T7 0.141 0.009 16.091 0.000

 S1 0.212 0.019 11.309 0.000

STANDARDIZED MODEL RESULTS

 StdYX StdY Std

 Estimate Estimate Estimate

 S1 BY

 F2 0.892 0.892 0.476

 F4 0.800 0.800 0.422

 S2 BY

 T1 0.690 0.690 0.499

 T2 0.735 0.735 0.414

 T4 0.653 0.653 0.427

 T6 0.698 0.698 0.424

 T7 0.867 0.867 0.654

 S1 ON

 S2 0.256 0.256 0.256

 U4 ON

 S1 0.234 0.234 0.234

 S2 0.107 0.107 0.107

 T6 WITH

 T4 0.270 0.270 0.058

 Intercepts

 F2 2.933 2.933 1.565

 F4 2.964 2.964 1.566

 T1 4.013 4.013 2.902

 T2 5.396 5.396 3.042

 T4 4.367 4.367 2.855

 T6 4.706 4.706 2.857

 T7 3.611 3.611 2.723

 Thresholds

 U4$1 1.776 1.776 1.776

 Variances

 S2 1.000 1.000 1.000

 Residual Variances

 F2 0.204 0.204 0.058

 F4 0.361 0.361 0.101

 T1 0.524 0.524 0.274

 T2 0.460 0.460 0.146

 T4 0.574 0.574 0.245

 T6 0.513 0.513 0.189

 T7 0.249 0.249 0.141

 S1 0.934 0.934 0.934

R-SQUARE

 Observed Residual

 Variable Estimate Variance

 U4 0.079 0.921

 F2 0.796

 F4 0.639

 T1 0.476

 T2 0.540

 T4 0.426

 T6 0.487

 T7 0.751

 Latent

 Variable Estimate

 S1 0.066

TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U4

 Sum of indirect 0.120 0.022 5.413 0.000

 Specific indirect

 U4

 S1

 S2 0.120 0.022 5.413 0.000

STANDARDIZED TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

STDYX Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U4

 Sum of indirect 0.060 0.011 5.390 0.000

 Specific indirect

 U4

 S1

 S2 0.060 0.011 5.390 0.000

STDY Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U4

 Sum of indirect 0.060 0.011 5.413 0.000

 Specific indirect

 U4

 S1

 S2 0.060 0.011 5.413 0.000

STD Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U4

 Sum of indirect 0.060 0.011 5.390 0.000

 Specific indirect

 U4

 S1

 S2 0.060 0.011 5.390 0.000

CONFIDENCE INTERVALS OF MODEL RESULTS

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

 S1 BY

 F2 1.000 1.000 1.000 1.000 1.000 1.000 1.000

 F4 0.732 0.770 0.786 0.888 0.999 1.014 1.050

 S2 BY

 T1 1.000 1.000 1.000 1.000 1.000 1.000 1.000

 T2 0.763 0.780 0.789 0.830 0.873 0.879 0.898

 T4 0.765 0.787 0.798 0.855 0.904 0.911 0.931

 T6 0.770 0.788 0.797 0.849 0.901 0.911 0.934

 T7 1.223 1.245 1.259 1.310 1.374 1.385 1.402

 S1 ON

 S2 0.184 0.192 0.201 0.245 0.281 0.288 0.304

 U4 ON

 S1 0.270 0.314 0.354 0.493 0.618 0.644 0.706

 S2 -0.071 0.016 0.043 0.214 0.374 0.396 0.473

 T6 WITH

 T4 0.043 0.047 0.049 0.058 0.069 0.071 0.074

 Intercepts

 F2 1.538 1.544 1.548 1.565 1.582 1.586 1.592

 F4 1.542 1.547 1.550 1.566 1.584 1.587 1.593

 T1 2.867 2.873 2.879 2.902 2.926 2.932 2.938

 T2 3.014 3.022 3.025 3.042 3.060 3.064 3.071

 T4 2.825 2.831 2.833 2.855 2.876 2.879 2.883

 T6 2.827 2.835 2.838 2.857 2.878 2.881 2.887

 T7 2.683 2.692 2.699 2.723 2.747 2.752 2.760

 Thresholds

 U4$1 1.659 1.686 1.702 1.776 1.850 1.861 1.895

 Variances

 S2 0.220 0.224 0.228 0.249 0.271 0.276 0.286

 Residual Variances

 F2 0.001 0.023 0.027 0.058 0.082 0.086 0.094

 F4 0.067 0.076 0.081 0.101 0.124 0.130 0.139

 T1 0.247 0.253 0.257 0.274 0.292 0.295 0.304

 T2 0.132 0.135 0.138 0.146 0.157 0.159 0.164

 T4 0.224 0.228 0.231 0.245 0.259 0.263 0.269

 T6 0.172 0.176 0.178 0.189 0.203 0.206 0.209

 T7 0.118 0.125 0.127 0.141 0.156 0.159 0.164

 S1 0.172 0.180 0.185 0.212 0.247 0.254 0.276

CONFIDENCE INTERVALS OF TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U4

 Sum of indirect 0.064 0.076 0.084 0.120 0.155 0.162 0.183

 Specific indirect

 U4

 S1

 S2 0.064 0.076 0.084 0.120 0.155 0.162 0.183

CONFIDENCE INTERVALS OF STANDARDIZED TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT,

AND DIRECT EFFECTS

STDYX Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U4

 Sum of indirect 0.031 0.038 0.042 0.060 0.078 0.082 0.089

 Specific indirect

 U4

 S1

 S2 0.031 0.038 0.042 0.060 0.078 0.082 0.089

STDY Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U4

 Sum of indirect 0.032 0.038 0.042 0.060 0.078 0.082 0.089

 Specific indirect

 U4

 S1

 S2 0.032 0.038 0.042 0.060 0.078 0.082 0.089

STD Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U4

 Sum of indirect 0.031 0.038 0.042 0.060 0.078 0.082 0.089

 Specific indirect

 U4

 S1

 S2 0.031 0.038 0.042 0.060 0.078 0.082 0.089

 Beginning Time: 09:38:36

 Ending Time: 09:42:30

 Elapsed Time: 00:03:54

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父亲教养方式的中介：气质对非故意伤害发生的影响

Mediating paternal parenting style: The influence of temperament on the occurrence of unintentional injury

Mplus VERSION 6.12

MUTHEN & MUTHEN

01/09/2018 12:36 PM

INPUT INSTRUCTIONS

 TITLE: The structure of father SEM

 DATA: FILE IS C:\mplus\data\father.dat;

 VARIABLE: NAMES ARE sex age u1-u4 f1-f5 t1-t10 ;

 USEVARIABLES are u1 f2 f4 t1 t2 t4 t6 t7 ;

 CATEGORICAL = u1;

 ANALYSIS: Bootstrap=1000;

 MODEL: s1 BY f2 f4;

 s2 by t1 t2 t4 t6 t7;

 t6 WITH t4;

 u1 on s1 s2 ;

 s1 on s2;

 MODEL INDIRECT:

 u1 IND s1 s2;

 OUTPUT: STANDARDIZED CINTERVAL(BCBOOTSTRAP);

INPUT READING TERMINATED NORMALLY

The structure of father SEM

SUMMARY OF ANALYSIS

Number of groups 1

Number of observations 2614

Number of dependent variables 8

Number of independent variables 0

Number of continuous latent variables 2

Observed dependent variables

 Continuous

 F2 F4 T1 T2 T4 T6

 T7

 Binary and ordered categorical (ordinal)

 U1

Continuous latent variables

 S1 S2

Estimator WLSMV

Maximum number of iterations 1000

Convergence criterion 0.500D-04

Maximum number of steepest descent iterations 20

Number of bootstrap draws

 Requested 1000

 Completed 1000

Parameterization DELTA

Input data file(s)

 C:\mplus\data\father.dat

Input data format FREE

UNIVARIATE PROPORTIONS AND COUNTS FOR CATEGORICAL VARIABLES

 U1

 Category 1 0.773 2021.000

 Category 2 0.227 593.000

THE MODEL ESTIMATION TERMINATED NORMALLY

MODEL FIT INFORMATION

Number of Free Parameters 26

WRMR (Weighted Root Mean Square Residual)

 Value 0.682

MODEL RESULTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

 S1 BY

 F2 1.000 0.000 999.000 999.000

 F4 0.904 0.061 14.743 0.000

 S2 BY

 T1 1.000 0.000 999.000 999.000

 T2 0.828 0.025 32.806 0.000

 T4 0.855 0.031 27.272 0.000

 T6 0.848 0.030 27.799 0.000

 T7 1.302 0.035 37.349 0.000

 S1 ON

 S2 0.242 0.024 10.081 0.000

 U1 ON

 S1 0.429 0.060 7.147 0.000

 S2 0.223 0.059 3.743 0.000

 T6 WITH

 T4 0.057 0.006 9.515 0.000

 Intercepts

 F2 1.565 0.010 151.569 0.000

 F4 1.566 0.010 153.140 0.000

 T1 2.902 0.015 199.286 0.000

 T2 3.042 0.011 283.226 0.000

 T4 2.855 0.013 224.923 0.000

 T6 2.857 0.012 240.265 0.000

 T7 2.723 0.015 178.103 0.000

 Thresholds

 U1$1 0.749 0.028 27.116 0.000

 Variances

 S2 0.250 0.013 19.177 0.000

 Residual Variances

 F2 0.062 0.015 4.062 0.000

 F4 0.097 0.013 7.568 0.000

 T1 0.273 0.011 25.767 0.000

 T2 0.146 0.006 24.355 0.000

 T4 0.244 0.009 28.551 0.000

 T6 0.189 0.007 26.176 0.000

 T7 0.144 0.009 16.216 0.000

 S1 0.208 0.018 11.866 0.000

STANDARDIZED MODEL RESULTS

 StdYX StdY Std

 Estimate Estimate Estimate

 S1 BY

 F2 0.884 0.884 0.472

 F4 0.807 0.807 0.426

 S2 BY

 T1 0.692 0.692 0.500

 T2 0.734 0.734 0.414

 T4 0.654 0.654 0.428

 T6 0.698 0.698 0.424

 T7 0.864 0.864 0.651

 S1 ON

 S2 0.257 0.257 0.257

 U1 ON

 S1 0.202 0.202 0.202

 S2 0.111 0.111 0.111

 T6 WITH

 T4 0.267 0.267 0.057

 Intercepts

 F2 2.933 2.933 1.565

 F4 2.964 2.964 1.566

 T1 4.013 4.013 2.902

 T2 5.396 5.396 3.042

 T4 4.367 4.367 2.855

 T6 4.706 4.706 2.857

 T7 3.611 3.611 2.723

 Thresholds

 U1$1 0.749 0.749 0.749

 Variances

 S2 1.000 1.000 1.000

 Residual Variances

 F2 0.219 0.219 0.062

 F4 0.349 0.349 0.097

 T1 0.522 0.522 0.273

 T2 0.461 0.461 0.146

 T4 0.572 0.572 0.244

 T6 0.512 0.512 0.189

 T7 0.254 0.254 0.144

 S1 0.934 0.934 0.934

R-SQUARE

 Observed Residual

 Variable Estimate Variance

 U1 0.065 0.935

 F2 0.781

 F4 0.651

 T1 0.478

 T2 0.539

 T4 0.428

 T6 0.488

 T7 0.746

 Latent

 Variable Estimate

 S1 0.066

TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U1

 Sum of indirect 0.104 0.017 6.012 0.000

 Specific indirect

 U1

 S1

 S2 0.104 0.017 6.012 0.000

STANDARDIZED TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

STDYX Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U1

 Sum of indirect 0.052 0.009 6.085 0.000

 Specific indirect

 U1

 S1

 S2 0.052 0.009 6.085 0.000

STDY Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U1

 Sum of indirect 0.052 0.009 6.012 0.000

 Specific indirect

 U1

 S1

 S2 0.052 0.009 6.012 0.000

STD Standardization

 Two-Tailed

 Estimate S.E. Est./S.E. P-Value

Effects from S2 to U1

 Sum of indirect 0.052 0.009 6.085 0.000

 Specific indirect

 U1

 S1

 S2 0.052 0.009 6.085 0.000

CONFIDENCE INTERVALS OF MODEL RESULTS

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

 S1 BY

 F2 1.000 1.000 1.000 1.000 1.000 1.000 1.000

 F4 0.744 0.784 0.802 0.904 1.002 1.023 1.058

 S2 BY

 T1 1.000 1.000 1.000 1.000 1.000 1.000 1.000

 T2 0.761 0.778 0.786 0.828 0.869 0.877 0.896

 T4 0.766 0.786 0.800 0.855 0.904 0.914 0.932

 T6 0.768 0.788 0.798 0.848 0.901 0.909 0.930

 T7 1.209 1.234 1.249 1.302 1.365 1.376 1.393

 S1 ON

 S2 0.180 0.190 0.200 0.242 0.279 0.287 0.302

 U1 ON

 S1 0.269 0.301 0.325 0.429 0.524 0.543 0.585

 S2 0.069 0.111 0.131 0.223 0.325 0.342 0.389

 T6 WITH

 T4 0.043 0.046 0.048 0.057 0.068 0.070 0.073

 Intercepts

 F2 1.538 1.544 1.548 1.565 1.582 1.586 1.592

 F4 1.542 1.547 1.550 1.566 1.584 1.587 1.593

 T1 2.867 2.873 2.879 2.902 2.926 2.932 2.938

 T2 3.014 3.022 3.025 3.042 3.060 3.064 3.071

 T4 2.825 2.831 2.833 2.855 2.876 2.879 2.883

 T6 2.827 2.835 2.838 2.857 2.878 2.881 2.887

 T7 2.683 2.692 2.699 2.723 2.747 2.752 2.760

 Thresholds

 U1$1 0.684 0.694 0.704 0.749 0.794 0.801 0.818

 Variances

 S2 0.221 0.225 0.229 0.250 0.272 0.278 0.287

 Residual Variances

 F2 0.013 0.028 0.034 0.062 0.085 0.089 0.097

 F4 0.065 0.073 0.078 0.097 0.119 0.123 0.134

 T1 0.247 0.252 0.255 0.273 0.290 0.293 0.301

 T2 0.132 0.136 0.138 0.146 0.158 0.159 0.165

 T4 0.221 0.227 0.230 0.244 0.258 0.263 0.268

 T6 0.172 0.176 0.178 0.189 0.203 0.206 0.209

 T7 0.120 0.128 0.130 0.144 0.159 0.162 0.167

 S1 0.171 0.179 0.184 0.208 0.242 0.251 0.266

CONFIDENCE INTERVALS OF TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT, AND DIRECT EFFECTS

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U1

 Sum of indirect 0.063 0.074 0.078 0.104 0.133 0.139 0.153

 Specific indirect

 U1

 S1

 S2 0.063 0.074 0.078 0.104 0.133 0.139 0.153

CONFIDENCE INTERVALS OF STANDARDIZED TOTAL, TOTAL INDIRECT, SPECIFIC INDIRECT,

AND DIRECT EFFECTS

STDYX Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U1

 Sum of indirect 0.030 0.035 0.038 0.052 0.066 0.069 0.074

 Specific indirect

 U1

 S1

 S2 0.030 0.035 0.038 0.052 0.066 0.069 0.074

STDY Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U1

 Sum of indirect 0.030 0.035 0.038 0.052 0.066 0.069 0.074

 Specific indirect

 U1

 S1

 S2 0.030 0.035 0.038 0.052 0.066 0.069 0.074

STD Standardization

 Lower .5% Lower 2.5% Lower 5% Estimate Upper 5% Upper 2.5% Upper .5%

Effects from S2 to U1

 Sum of indirect 0.030 0.035 0.038 0.052 0.066 0.069 0.074

 Specific indirect

 U1

 S1

 S2 0.030 0.035 0.038 0.052 0.066 0.069 0.074

 Beginning Time: 12:36:19

 Ending Time: 12:36:57

 Elapsed Time: 00:00:38

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