Supplementary Tables

A Longitudinal Mediation Analysis of the Effect of Negative-self schemas on Positive Symptoms via Negative Affect

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S. Table 1

*Correlates of missing data*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | T1 | T2 | T3 | Total Sum Follow-Up |
| Gender (Female) a | 0.11\*\* | 0.14\*\* | 0.15\*\* | 0.18\*\* |
| Age (Older) a | 0.11\*\* | 0.11\*\* | 0.11\*\* | 0.15\*\* |
| Socio-economic status (Higher) a | 0.05\* | 0.04 | 0.04 | 0.06\*\* |
| Ever had any mental health problem a | -0.05\* | -0.04 | -0.04\* | -0.06\*\* |
| Current schizophrenia diagnosis a | 0.01 | 0.01 | 0.00 | 0.01 |
| T0 Negative-self schemas a | -0.01 | -0.02 | -0.01 | -0.02 |
| T0 Negative affect a | 0.02 | 0.01 | 0.00 | 0.02 |
| T0 Positive symptoms a | -0.10\*\* | -0.10\*\* | -0.08\*\* | -0.12\*\* |
| T1 Negative-self schemas b | - | 0.00 | 0.00 | 0.00 |
| T1 Negative affect b | - | 0.00 | 0.02 | 0.01 |
| T1 Positive symptoms b | - | -0.07\* | -0.06 | -0.08\* |
| T2 Negative-self schemas c | 0.13\*\* | - | 0.05 | 0.12\* |
| T2 Negative affect c | 0.04 | - | 0.04 | 0.06 |
| T2 Positive symptoms c | -0.09 | - | 0.03 | -0.04 |
| T3 Negative-self schemas d | 0.05 | -0.08 | - | -0.02 |
| T3 Negative affect d | 0.06 | -0.05 | - | 0.01 |
| T3 Positive symptoms d | -0.07 | -0.01 | - | -0.05 |

Note. a N = 2350. b n = 682. c n = 409. d n = 366. \*\* p < 0.01. \* p < 0.05. T0 = baseline. T1 = Participation at 4-month follow-up. T2 = Participation at 8-month follow-up. T3 = Participation at 12-month follow-up. Total Sum Follow-Up = Total number of follow-up assessment participation.

S. Table 2

*Correlation matrix of negative-self schemas, negative affect and positive symptoms*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | T0 NSS | T1 NSS | T2 NSS | T3 NSS | T0 NA | T1 NA | T2 NA | T3 NA | T0 POS | T1 POS | T2 POS | T3 POS |
| T0 NSS | - |  |  |  |  |  |  |  |  |  |  |  |
| T1 NSS | 0.52 | - |  |  |  |  |  |  |  |  |  |  |
| T2 NSS | 0.40 | 0.65 | - |  |  |  |  |  |  |  |  |  |
| T3 NSS | 0.33 | 0.39 | 0.65 | - |  |  |  |  |  |  |  |  |
| T0 NA | 0.64 | 0.45 | 0.36 | 0.28 | - |  |  |  |  |  |  |  |
| T1 NA | 0.41 | 0.73 | 0.51 | 0.24 | 0.52 | - |  |  |  |  |  |  |
| T2 NA | 0.35 | 0.40 | 0.73 | 0.55 | 0.46 | 0.49 | - |  |  |  |  |  |
| T3 NA | 0.29 | 0.29 | 0.52 | 0.73 | 0.34 | 0.31 | 0.64 | - |  |  |  |  |
| T0 POS | 0.47 | 0.27 | 0.15 | 0.17 | 0.55 | 0.27 | 0.21 | 0.17 | - |  |  |  |
| T1 POS | 0.25 | 0.53 | 0.31 | 0.18 | 0.29 | 0.56 | 0.29 | 0.24 | 0.43 | - |  |  |
| T2 POS | 0.34 | 0.23 | 0.40 | 0.31 | 0.32 | 0.25 | 0.50 | 0.39 | 0.50 | 0.55 | - |  |
| T3 POS | 0.18 | 0.25 | 0.35 | 0.45 | 0.21 | 0.26 | 0.40 | 0.52 | 0.26 | 0.52 | 0.54 | - |

Note. Factor correlation matrix was estimated using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). NSS = Negative-self schemas. NA = Negative affect. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 3

*Standardized estimates of within constructs longitudinal model of negative-self schemas, negative affect and positive symptoms*

|  |  |  |
| --- | --- | --- |
|  | Estimates | Standard Error |
| T3NSS 🡨 T2NSS a | 0.70\*\* | 0.046 |
| T2NSS 🡨 T1NSS a | 0.67\*\* | 0.037 |
| T1NSS 🡨 T0NSS a | 0.54\*\* | 0.030 |
| T3NA 🡨 T2NA b | 0.65\*\* | 0.039 |
| T2NA 🡨 T1NA b | 0.54\*\* | 0.039 |
| T1NA 🡨 T0NA b | 0.52\*\* | 0.029 |
| T3POS 🡨 T2POS c | 0.61\*\* | 0.040 |
| T2POS 🡨 T1POS c | 0.51\*\* | 0.022 |
| T1POS 🡨 T0POS c | 0.41\*\* | 0.016 |

Note. Three within constructs longitudinal models were computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). a Model fit = χ² (3) = 9.55, p < 0.05, CFI = 0.988, RMSEA = 0.048, SRMR = 0.035. b Model fit = χ² (3) = 34.35, p < 0.05, CFI = 0.937, RMSEA = 0.104, SRMR = 0.068.c Model fit = χ² (3) = 53.21, p < 0.05, CFI = 0.878, RMSEA = 0.132, SRMR = 0.088. Completely standardized estimates are reported. \*\* p < 0.01. \* p < 0.05. NSS = Negative-self schemas. NA = Negative affect. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 4

*Standardized estimates of cross-lagged panel model of negative-self schemas and positive symptoms: Test of path c*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| POS T3 | 🡨 | NSS T2 | 0.18 | 0.07 | 0.01 |
| POS T3 | 🡨 | POS T2 | 0.46 | 0.06 | 0.01 |
| POS T2 | 🡨 | NSS T1 | -0.04 | 0.06 | 0.51 |
| POS T2 | 🡨 | POS T1 | 0.65 | 0.04 | 0.01 |
| POS T1 | 🡨 | NSS T0 | 0.07 | 0.04 | 0.06 |
| POS T1 | 🡨 | POS T0 | 0.43 | 0.02 | 0.01 |
| NSS T3 | 🡨 | NSS T2 | 0.65 | 0.04 | 0.01 |
| NSS T3 | 🡨 | POS T2 | 0.03 | 0.07 | 0.71 |
| NSS T2 | 🡨 | NSS T1 | 0.73 | 0.04 | 0.01 |
| NSS T2 | 🡨 | POS T1 | -0.09 | 0.06 | 0.12 |
| NSS T1 | 🡨 | NSS T0 | 0.51 | 0.03 | 0.01 |
| NSS T1 | 🡨 | POS T0 | 0.02 | 0.03 | 0.36 |
| NSS T0 | 🡨🡪 | POS T0 | 0.47 | 0.02 | 0.01 |
| NSS T1 | 🡨🡪 | POS T1 | 0.51 | 0.03 | 0.01 |
| NSS T2 | 🡨🡪 | POS T2 | 0.41 | 0.05 | 0.01 |
| NSS T3 | 🡨🡪 | POS T3 | 0.32 | 0.05 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (12) = 88, p < 0.01, Comparative Fit Index (CFI) = 0.951, Root Mean Square Error of Approximation (RMSEA) = 0.081 [90% CI 0.066, 0.097], Standardized Root Mean Square Residual (SRMR) = 0.060, Akaike Information Criterion (AIC) = 13 130. NSS = Negative-self schemas. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 5

*Standardized estimates of cross-lagged panel model of negative-self schemas and negative affect: Test of path a*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| NA T3 | 🡨 | NSS T2 | 0.15 | 0.08 | 0.06 |
| NA T3 | 🡨 | NA T2 | 0.53 | 0.08 | 0.01 |
| NA T2 | 🡨 | NSS T1 | 0.14 | 0.09 | 0.12 |
| NA T2 | 🡨 | NA T1 | 0.44 | 0.08 | 0.01 |
| NA T1 | 🡨 | NSS T0 | 0.14 | 0.04 | 0.01 |
| NA T1 | 🡨 | NA T0 | 0.44 | 0.03 | 0.01 |
| NSS T3 | 🡨 | NSS T2 | 0.60 | 0.07 | 0.01 |
| NSS T3 | 🡨 | NA T2 | 0.09 | 0.08 | 0.23 |
| NSS T2 | 🡨 | NSS T1 | 0.65 | 0.07 | 0.01 |
| NSS T2 | 🡨 | NA T1 | 0.03 | 0.08 | 0.68 |
| NSS T1 | 🡨 | NSS T0 | 0.40 | 0.03 | 0.01 |
| NSS T1 | 🡨 | NA T0 | 0.19 | 0.04 | 0.01 |
| NSS T0 | 🡨🡪 | NA T0 | 0.64 | 0.02 | 0.01 |
| NSS T1 | 🡨🡪 | NA T1 | 0.66 | 0.02 | 0.01 |
| NSS T2 | 🡨🡪 | NA T2 | 0.67 | 0.03 | 0.01 |
| NSS T3 | 🡨🡪 | NA T3 | 0.62 | 0.03 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (12) = 50, p < 0.01, CFI = 0.984, RMSEA = 0.057 [90% CI 0.041, 0.074], SRMR = 0.052, AIC = 13 130. NSS = Negative-self schemas. NA = Negative affect. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 6

*Standardized estimates of cross-lagged panel model of negative affect and positive symptoms: Test of path b*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| POS T3 | 🡨 | NA T2 | 0.19 | 0.07 | 0.01 |
| POS T3 | 🡨 | POS T2 | 0.45 | 0.06 | 0.01 |
| POS T2 | 🡨 | NA T1 | -0.09 | 0.06 | 0.14 |
| POS T2 | 🡨 | POS T1 | 0.68 | 0.04 | 0.01 |
| POS T1 | 🡨 | NA T0 | 0.07 | 0.04 | 0.09 |
| POS T1 | 🡨 | POS T0 | 0.42 | 0.03 | 0.01 |
| NA T3 | 🡨 | NA T2 | 0.60 | 0.05 | 0.01 |
| NA T3 | 🡨 | POS T2 | 0.08 | 0.08 | 0.31 |
| NA T2 | 🡨 | NA T1 | 0.55 | 0.05 | 0.01 |
| NA T2 | 🡨 | POS T1 | 0.01 | 0.07 | 0.91 |
| NA T1 | 🡨 | NA T0 | 0.55 | 0.03 | 0.01 |
| NA T1 | 🡨 | POS T0 | -0.04 | 0.04 | 0.26 |
| NA T0 | 🡨🡪 | POS T0 | 0.55 | 0.02 | 0.01 |
| NA T1 | 🡨🡪 | POS T1 | 0.55 | 0.03 | 0.01 |
| NA T2 | 🡨🡪 | POS T2 | 0.52 | 0.04 | 0.01 |
| NA T3 | 🡨🡪 | POS T3 | 0.37 | 0.06 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (12) = 91, p < 0.01, CFI = 0.953, RMSEA = 0.083 [90% CI 0.067, 0.099], SRMR = 0.069, AIC = 11 171.NA = Negative affect. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 7

*Standardized estimates of longitudinal mediation model of negative-self schemas, negative affect, and positive symptoms*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| POS T3 | 🡨 | NA T2 | 0.20 | 0.06 | 0.01 |
| POS T3 | 🡨 | NSS T0 | -0.02 | 0.06 | 0.74 |
| POS T3 | 🡨 | POS T2 | 0.43 | 0.06 | 0.01 |
| POS T2 | 🡨 | NA T1 | -0.09 | 0.06 | 0.13 |
| POS T2 | 🡨 | POS T1 | 0.68 | 0.04 | 0.01 |
| POS T1 | 🡨 | NA T0 | -0.03 | 0.04 | 0.47 |
| POS T1 | 🡨 | POS T0 | 0.47 | 0.02 | 0.01 |
| NA T3 | 🡨 | NSS T2 | 0.17 | 0.06 | 0.01 |
| NA T3 | 🡨 | NA T2 | 0.49 | 0.06 | 0.01 |
| NA T2 | 🡨 | NSS T1 | 0.16 | 0.06 | 0.01 |
| NA T2 | 🡨 | NA T1 | 0.42 | 0.05 | 0.01 |
| NA T1 | 🡨 | NSS T0 | 0.18 | 0.03 | 0.01 |
| NA T1 | 🡨 | NA T0 | 0.34 | 0.03 | 0.01 |
| NSS T3 | 🡨 | NSS T2 | 0.65 | 0.03 | 0.01 |
| NSS T2 | 🡨 | NSS T1 | 0.67 | 0.02 | 0.01 |
| NSS T1 | 🡨 | NSS T0 | 0.50 | 0.02 | 0.01 |
| NSS T0 | 🡨🡪 | POS T0 | 0.47 | 0.03 | 0.01 |
| NSS T0 | 🡨🡪 | NA T0 | 0.64 | 0.02 | 0.01 |
| NA T0 | 🡨🡪 | POS T0 | 0.55 | 0.03 | 0.01 |
| NSS T1 | 🡨🡪 | POS T1 | 0.51 | 0.03 | 0.01 |
| NSS T1 | 🡨🡪 | NA T1 | 0.66 | 0.02 | 0.01 |
| NA T1 | 🡨🡪 | POS T1 | 0.55 | 0.03 | 0.01 |
| NSS T2 | 🡨🡪 | POS T2 | 0.41 | 0.05 | 0.01 |
| NSS T2 | 🡨🡪 | NA T2 | 0.67 | 0.03 | 0.01 |
| NA T2 | 🡨🡪 | POS T2 | 0.51 | 0.04 | 0.01 |
| NSS T3 | 🡨🡪 | POS T3 | 0.32 | 0.05 | 0.01 |
| NSS T3 | 🡨🡪 | NA T3 | 0.63 | 0.03 | 0.01 |
| NA T3 | 🡨🡪 | POS T3 | 0.37 | 0.06 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (38) = 170, p < 0.01, CFI = 0.965, RMSEA = 0.060 [90% CI 0.051, 0.069], SRMR = 0.075, AIC = 15 661. NSS = Negative-self schemas. NA = Negative affect. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 8

*Correlation matrix of negative-other schemas, negative affect and positive symptoms*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | T0 NOS | T1 NOS | T2 NOS | T3 NOS | T0 NA | T1 NA | T2 NA | T3 NA | T0 POS | T1 POS | T2 POS | T3 POS |
| T0 NOS | - |  |  |  |  |  |  |  |  |  |  |  |
| T1 NOS | 0.44 | - |  |  |  |  |  |  |  |  |  |  |
| T2 NOS | 0.38 | 0.47 | - |  |  |  |  |  |  |  |  |  |
| T3 NOS | 0.27 | 0.27 | 0.47 | - |  |  |  |  |  |  |  |  |
| T0 NA | 0.41 | 0.25 | 0.15 | 0.16 | - |  |  |  |  |  |  |  |
| T1 NA | 0.26 | 0.51 | 0.19 | -0.01 | 0.51 | - |  |  |  |  |  |  |
| T2 NA | 0.25 | 0.27 | 0.43 | 0.38 | 0.45 | 0.51 | - |  |  |  |  |  |
| T3 NA | 0.16 | 0.21 | 0.33 | 0.55 | 0.35 | 0.32 | 0.64 | - |  |  |  |  |
| T0 POS | 0.41 | 0.26 | 0.09 | 0.13 | 0.55 | 0.26 | 0.21 | 0.18 | - |  |  |  |
| T1 POS | 0.21 | 0.48 | 0.14 | 0.14 | 0.29 | 0.56 | 0.29 | 0.25 | 0.43 | - |  |  |
| T2 POS | 0.25 | 0.24 | 0.33 | 0.24 | 0.33 | 0.26 | 0.50 | 0.39 | 0.50 | 0.55 | - |  |
| T3 POS | 0.18 | 0.25 | 0.24 | 0.42 | 0.22 | 0.23 | 0.41 | 0.52 | 0.27 | 0.51 | 0.54 | - |

Note. Factor correlation matrix was estimated using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). NOS = Negative-other schemas. NA = Negative affect. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 9

*Standardized estimates of within constructs longitudinal model of negative-other schema*

|  |  |  |
| --- | --- | --- |
|  | Estimates | Standard Error |
| T3NOS 🡨 T2NOS | 0.55\*\* | 0.044 |
| T2NOS 🡨 T1NOS | 0.48\*\* | 0.038 |
| T1NOS 🡨 T0NOS | 0.45\*\* | 0.028 |

Note. The within construct longitudinal model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (3) = 22.16, p < 0.05, CFI = 0.936, RMSEA = 0.082, SRMR = 0.059. \*\* p < 0.01. NOS = Negative-other schemas. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 10

*Standardized estimates of cross-lagged panel model of negative-other schemas and positive symptoms: Test of path c*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| POS T3 | 🡨 | NOS T2 | 0.10 | 0.08 | 0.21 |
| POS T3 | 🡨 | POS T2 | 0.49 | 0.06 | 0.01 |
| POS T2 | 🡨 | NOS T1 | -0.04 | 0.06 | 0.55 |
| POS T2 | 🡨 | POS T1 | 0.64 | 0.04 | 0.01 |
| POS T1 | 🡨 | NOS T0 | 0.05 | 0.04 | 0.18 |
| POS T1 | 🡨 | POS T0 | 0.45 | 0.02 | 0.01 |
| NOS T3 | 🡨 | NOS T2 | 0.49 | 0.05 | 0.01 |
| NOS T3 | 🡨 | POS T2 | 0.05 | 0.08 | 0.51 |
| NOS T2 | 🡨 | NOS T1 | 0.59 | 0.04 | 0.01 |
| NOS T2 | 🡨 | POS T1 | -0.12 | 0.07 | 0.10 |
| NOS T1 | 🡨 | NOS T0 | 0.42 | 0.03 | 0.01 |
| NOS T1 | 🡨 | POS T0 | 0.10 | 0.03 | 0.01 |
| NOS T0 | 🡨🡪 | POS T0 | 0.41 | 0.03 | 0.01 |
| NOS T1 | 🡨🡪 | POS T1 | 0.44 | 0.03 | 0.01 |
| NOS T2 | 🡨🡪 | POS T2 | 0.36 | 0.06 | 0.01 |
| NOS T3 | 🡨🡪 | POS T3 | 0.37 | 0.06 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (12) = 81.55, p < 0.01, CFI = 0.939, RMSEA = 0.078 [90% CI 0.062, 0.094], SRMR = 0.065, AIC = 13 395. NOS = Negative-other schemas. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 11

*Standardized estimates of cross-lagged panel model of negative-other schemas and negative affect: Test of path a*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| NA T3 | 🡨 | NOS T2 | 0.10 | 0.07 | 0.13 |
| NA T3 | 🡨 | NA T2 | 0.60 | 0.05 | 0.01 |
| NA T2 | 🡨 | NOS T1 | 0.03 | 0.06 | 0.56 |
| NA T2 | 🡨 | NA T1 | 0.53 | 0.04 | 0.01 |
| NA T1 | 🡨 | NOS T0 | 0.05 | 0.04 | 0.12 |
| NA T1 | 🡨 | NA T0 | 0.51 | 0.03 | 0.01 |
| NOS T3 | 🡨 | NOS T2 | 0.44 | 0.05 | 0.01 |
| NOS T3 | 🡨 | NA T2 | 0.15 | 0.06 | 0.01 |
| NOS T2 | 🡨 | NOS T1 | 0.57 | 0.04 | 0.01 |
| NOS T2 | 🡨 | NA T1 | -0.10 | 0.06 | 0.09 |
| NOS T1 | 🡨 | NOS T0 | 0.42 | 0.03 | 0.01 |
| NOS T1 | 🡨 | NA T0 | 0.09 | 0.03 | 0.01 |
| NOS T0 | 🡨🡪 | NA T0 | 0.41 | 0.02 | 0.01 |
| NOS T1 | 🡨🡪 | NA T1 | 0.47 | 0.03 | 0.01 |
| NOS T2 | 🡨🡪 | NA T2 | 0.44 | 0.04 | 0.01 |
| NOS T3 | 🡨🡪 | NA T3 | 0.45 | 0.04 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (12) = 78.05, p < 0.01, CFI = 0.951, RMSEA = 0.076 [90% CI 0.060, 0.092], SRMR = 0.062, AIC = 9 689. NOS = Negative-other schemas. NA = Negative affect. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.

S. Table 12

*Standardized estimates of longitudinal mediation model of negative-other schemas, negative affect, and positive symptoms*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | Estimates | Standard Error | p-value |
| POS T3 | 🡨 | NA T2 | 0.15 | 0.06 | 0.01 |
| POS T3 | 🡨 | NOS T0 | 0.07 | 0.05 | 0.21 |
| POS T3 | 🡨 | POS T2 | 0.43 | 0.06 | 0.01 |
| POS T2 | 🡨 | NA T1 | -0.07 | 0.06 | 0.28 |
| POS T2 | 🡨 | POS T1 | 0.67 | 0.04 | 0.01 |
| POS T1 | 🡨 | NA T0 | 0.03 | 0.04 | 0.39 |
| POS T1 | 🡨 | POS T0 | 0.44 | 0.02 | 0.01 |
| NA T3 | 🡨 | NOS T2 | 0.14 | 0.06 | 0.02 |
| NA T3 | 🡨 | NA T2 | 0.54 | 0.04 | 0.01 |
| NA T2 | 🡨 | NOS T1 | 0.04 | 0.05 | 0.46 |
| NA T2 | 🡨 | NA T1 | 0.56 | 0.04 | 0.01 |
| NA T1 | 🡨 | NOS T0 | 0.05 | 0.03 | 0.10 |
| NA T1 | 🡨 | NA T0 | 0.49 | 0.03 | 0.01 |
| NOS T3 | 🡨 | NOS T2 | 0.51 | 0.04 | 0.01 |
| NOS T2 | 🡨 | NOS T1 | 0.53 | 0.04 | 0.01 |
| NOS T1 | 🡨 | NOS T0 | 0.44 | 0.02 | 0.01 |
| NOS T0 | 🡨🡪 | POS T0 | 0.41 | 0.03 | 0.01 |
| NOS T0 | 🡨🡪 | NA T0 | 0.41 | 0.03 | 0.01 |
| NA T0 | 🡨🡪 | POS T0 | 0.55 | 0.02 | 0.01 |
| NOS T1 | 🡨🡪 | POS T1 | 0.42 | 0.03 | 0.01 |
| NOS T1 | 🡨🡪 | NA T1 | 0.47 | 0.03 | 0.01 |
| NA T1 | 🡨🡪 | POS T1 | 0.55 | 0.03 | 0.01 |
| NOS T2 | 🡨🡪 | POS T2 | 0.35 | 0.06 | 0.01 |
| NOS T2 | 🡨🡪 | NA T2 | 0.42 | 0.04 | 0.01 |
| NA T2 | 🡨🡪 | POS T2 | 0.52 | 0.04 | 0.01 |
| NOS T3 | 🡨🡪 | POS T3 | 0.36 | 0.07 | 0.01 |
| NOS T3 | 🡨🡪 | NA T3 | 0.48 | 0.04 | 0.01 |
| NA T3 | 🡨🡪 | POS T3 | 0.39 | 0.06 | 0.01 |

Note. The model was computed using maximum likelihood procedure with standard errors based on the first-order derivatives and full information maximum likelihood (FIML) with missing at random (MAR) assumption was used (N = 962). Model fit = χ² (38) = 169.02, p < 0.01, CFI = 0.951, RMSEA = 0.060 [90% CI 0.051, 0.069], SRMR = 0.068, AIC = 16 576. NOS = Negative-other schemas. NA = Negative affect. POS = Positive symptoms. T0 = baseline. T1 = 4-month follow-up. T2 = 8-month follow-up. T3 = 12-month follow-up.