Table A.1: Results of logistic regression showing variables predicting participant drop-out between Time 1 and Time 2

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Odds Ratio  (95% confidence intervals) | *z* | *p* |
| Sex | 1.48 (1.21 - 1.81) | 3.93 | <.001 |
| Age | 0.90 (0.84 - 0.96) | -3.22 | <.01 |
| Socioeconomic status (parental education level) | 1.06 (1.01 - 1.12) | 2.25 | <.05 |
| OCS at Time 1 | 0.97 (0.94 - 1.00) | 2.43 | <.05 |
| Maternal punitive discipline at Time 1 | 0.97 (0.94 - 1.00) | -1.83 | .067 |
| Paternal punitive discipline at Time 1 | 0.99 (0.96 - 1.01) | -1.00 | .316 |
| SLE at Time 1 | 0.48 (0.32 - 0.72) | -3.52 | <.001 |

Note: OCS = obsessive-compulsive symptoms; SLE = stressful life events.

Table A.2: Skewness of variables before and after log transformation

|  |  |  |
| --- | --- | --- |
| Variable | Skewness of untransformed variable | Skewness of log transformed variable |
| OCS at Time 1 | 1.19 | .34 |
| OCS at Time 2 | 1.55 | .12 |
| SLE at Time 1 | 1.39 | .35 |
| SLE at Time 2 | 1.22 | .29 |
| Maternal punitive discipline at Time 1 | .53 | N/A |
| Paternal punitive discipline at Time 1 | .55 | N/A |

Note: OCS = obsessive-compulsive symptoms; SLE = stressful life events.

Table A.3: Fit comparisons for mulitvariate correlated factors models

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Base model | Comparison model | -2LL | df | diff LL | diff df | *p* | AIC |
| Saturated model | N/A | 25313.92 | 9553 | N/A | N/A | N/A | 6207.92 |
| Saturated model | ACE model | 25375.67 | 9607 | 61.75 | 54 | 0.22 | 4181.95 |
| ACE model | **ACE model (No rC)** | **25379.83** | **9613** | **4.16** | **6** | **0.66** | **6153.83** |
| ACE model | AE model | 25409.94 | 9617 | 34.27 | 10 | <.001 | 6175.94 |

Note: -2LL = minus twice the log likelihood; AIC = Akaike’s information criterion; A = additive genetic influence; C= shared environmental influences; E = non-shared environmental influences. Bold typeface indicates the selected model.

Table A.4: Fit comparisons for trivariate Cholesky decomposition models

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Base model | Comparison model | -2LL | df | diff LL | diff df | *p* | AIC |
| Saturated model | N/A | 14869.59 | 5439 | N/A | N/A | N/A | 3991.59 |
| Saturated model | ACE model | 14906.49 | 5472 | 36.9 | 33 | 0.56 | 3962.49 |
| ACE model | **AE model** | **14906.67** | **5478** | **0.18** | **6** | **0.99** | **6480.98** |

Note: -2LL = minus twice the log likelihood; AIC = Akaike’s information criterion; A = additive genetic influence; C= shared environmental influences; E = non-shared environmental influences. Bold typeface indicates the selected model.