

Table S1

Unstandardized, Standardized, and Significance Levels for Model in Figure 1 (Standard Errors in Parentheses)

<i>Parameter Estimate</i>	<i>Unstandardized</i>	<i>Standardized</i>	<i>p</i>
Structural Model: Lag and Cross-Lag Estimates			
MD Age 2 → MD Age 5	.18 (.04)	.17	.000
OB Age 2 → MD Age 5	2.01 (1.01)	.07	.046
MD Age 3 → MD Age 5	.24 (.04)	.24	.000
MD Age 4 → MD Age 5	.38 (.04)	.36	.000
OB Age 2 → OB Age 5	.11 (.04)	.10	.008
OB Age 3 → OB Age 5	.23 (.05)	.22	.000
OB Age 4 → OB Age 5	.43 (.05)	.42	.000
MD Age 4 → OB Age 5	.01 (.001)	.11	.001
MD Age 2 → MD Age 4	.25 (.04)	.24	.000
MD Age 3 → MD Age 4	.39 (.04)	.40	.000
OB Age 3 → MD Age 4	2.41 (.88)	.10	.006
OB Age 2 → OB Age 4	.17 (.04)	.15	.000
OB Age 3 → OB Age 4	.60 (.04)	.60	.000
MD Age 2 → MD Age 3	.44 (.04)	.42	.000
OB Age 2 → MD Age 3	4.06 (1.06)	.14	.000
OB Age 2 → OB Age 3	.53 (.04)	.45	.000
MD Age 2 → OB Age 3	.01 (.002)	.11	.002
Structural Model: Covariance and Residual Estimates			
Covariance between MD Age 5 and OB Age 5	.71 (.13)	.25	.000
Covariance between MD Age 4 and OB Age 4	.33 (.12)	.12	.007
Covariance between MD Age 3 and OB Age 3	.99 (.16)	.26	.000
Covariance between MD Age 2 and OB Age 2	.64 (.16)	.16	.000
Residual for MD Age 5	75.60 (4.63)	.58	.000
Residual for OB Age 5	.11 (.01)	.53	.000
Residual for MD Age 4	76.42 (4.58)	.64	.000
Residual for OB Age 4	.10 (.01)	.52	.000
Residual for MD Age 3	94.99 (5.49)	.77	.000
Residual for OB Age 3	.15 (.01)	.75	.000

Note: $\chi^2(7, N = 677) = 4.08, p = .771$; CFI = 1.00; RMSEA = .00 [.00, .03]; SRMR = .01. Effects

of covariates not shown. MD = Maternal Depressive Symptoms. OB = Oppositional Behavior.

Table S2

Unstandardized, Standardized, and Significance Levels for Model in Figure 2 (Standard Errors in Parentheses)

<i>Parameter Estimate</i>	<i>Unstandardized</i>	<i>Standardized</i>	<i>p</i>
Structural Model: Lag and Cross-Lag Estimates			
MD Age 2 → MD Age 5	.19 (.04)	.18	.000
OB Age 2 → MD Age 5	2.65 (1.18)	.09	.024
MD Age 3 → MD Age 5	.24 (.04)	.23	.000
MD Age 4 → MD Age 5	.38 (.04)	.36	.000
OB Age 2 → OB Age 5	.16 (.07)	.14	.036
OB Age 3 → OB Age 5	.19 (.07)	.18	.007
OB Age 4 → OB Age 5	.39 (.07)	.36	.000
MD Age 4 → OB Age 5	.01 (.002)	.12	.016
MD Age 2 → MD Age 4	.25 (.04)	.25	.000
MD Age 3 → MD Age 4	.43 (.04)	.44	.000
OB Age 2 → OB Age 4	.18 (.06)	.18	.005
OB Age 3 → OB Age 4	.33 (.06)	.34	.000
MD Age 2 → MD Age 3	.47 (.04)	.45	.000
OB Age 2 → MD Age 3	3.76 (1.22)	.14	.002
OB Age 2 → OB Age 3	.41 (.05)	.40	.000
MD Age 2 → OB Age 3	.01 (.002)	.12	.010
Structural Model: Covariance and Residual Estimates			
Covariance between MD Age 5 and OB Age 5	.21 (.19)	.07	.264
Covariance between MD Age 4 and OB Age 4	.06 (.17)	.02	.711
Covariance between MD Age 3 and OB Age 3	.53 (.19)	.15	.006
Covariance between MD Age 2 and OB Age 2	-.08 (.21)	-.02	.691
Residual for MD Age 5	74.97 (4.63)	.43	.000
Residual for OB Age 5	.13 (.01)	.33	.000
Residual for MD Age 4	77.43 (4.64)	.35	.000
Residual for OB Age 4	.12 (.01)	.24	.000
Residual for MD Age 3	94.96 (5.56)	.23	.000
Residual for OB Age 3	.14 (.01)	.20	.000

Note: $\chi^2(8, N = 677) = 5.39, p = .715$; CFI = 1.00; RMSEA = .00 [.00, .03]; SRMR = .01. Effects

of covariates not shown. MD = Maternal Depressive Symptoms. OB = Oppositional Behavior.

Table S3

Unstandardized, Standardized, and Significance Levels for Model in Figure 3 (Standard Errors in Parentheses)

<i>Parameter Estimate</i>	<i>Unstandardized</i>	<i>Standardized</i>	<i>p</i>
Structural Model: Lag and Cross-Lag Estimates			
MD Age 2 → MD Age 5	.19 (.04)	.17	.000
MD Age 3 → MD Age 5	.24 (.04)	.23	.000
MD Age 4 → MD Age 5	.38 (.04)	.37	.000
IC Age 4 → MD Age 5	-1.60 (.54)	-.12	.003
OB Age 2 → OB Age 5	.10 (.04)	.08	.023
OB Age 3 → OB Age 5	.23 (.05)	.23	.000
OB Age 4 → OB Age 5	.43 (.05)	.42	.000
MD Age 4 → OB Age 5	.01 (.001)	.11	.001
MD Age 2 → MD Age 4	.25 (.04)	.24	.000
MD Age 3 → MD Age 4	.40 (.04)	.40	.000
OB Age 3 → MD Age 4	2.41 (.88)	.10	.006
IC Age 3 → IC Age 4	.57 (.06)	.51	.000
OB Age 2 → OB Age 4	.17 (.04)	.14	.000
OB Age 3 → OB Age 4	.57 (.04)	.58	.000
IC Age 3 → OB Age 4	-.06 (.02)	-.10	.011
MD Age 2 → MD Age 3	.44 (.04)	.42	.000
OB Age 2 → MD Age 3	4.11 (1.06)	.14	.000
OB Age 2 → IC Age 3	-.32 (.10)	-.15	.001
OB Age 2 → OB Age 3	.53 (.04)	.45	.000
MD Age 2 → OB Age 3	.004 (.002)	.11	.004
Structural Model: Covariances and Residuals			
Covariance between MD Age 5 and OB Age 5	.70 (.13)	.25	.000
Covariance between MD Age 4 and OB Age 4	.33 (.12)	.12	.006
Covariance between IC Age 4 and OB Age 4	-.02 (.01)	-.07	.189
Covariance between IC Age 4 and MD Age 4	-.02 (.36)	-.004	.945
Covariance between MD Age 3 and OB Age 3	.99 (.16)	.26	.000
Covariance between IC Age 3 and OB Age 3	-.07 (.02)	-.24	.000
Covariance between IC Age 3 and MD Age 3	-1.46 (.37)	-.20	.000
Covariance between MD Age 2 and OB Age 2	.64 (.16)	.16	.000
Residual for MD Age 5	74.42 (4.63)	.57	.000
Residual for OB Age 5	.11 (.01)	.53	.000
Residual for MD Age 4	76.31 (4.58)	.64	.000
Residual for IC Age 4	.54 (.04)	.71	.000
Residual for OB Age 4	.10 (.01)	.52	.000
Residual for MD Age 3	95.01 (5.49)	.78	.000
Residual for IC Age 3	.57 (.04)	.95	.000
Residual for OB Age 3	.15 (.009)	.76	.000

Note: $\chi^2(17, N = 677) = 13.38, p = .711$; CFI = 1.0; RMSEA = .00 [.00, .03]; SRMR = .02. Effects of covariates not shown. MD = Maternal Depressive Symptoms. OB = Oppositional Behavior. IC = Inhibitory Control.

Table S4

Unstandardized, Standardized, and Significance Levels for Model in Figure 4 (Standard Errors in Parentheses)

<i>Parameter Estimate</i>	<i>Unstandardized</i>	<i>Standardized</i>	<i>p</i>
Structural Model: Lag and Cross-Lag Estimates			
MD Age 2 → MD Age 5	.19 (.04)	.18	.000
MD Age 3 → MD Age 5	.24 (.04)	.23	.000
MD Age 4 → MD Age 5	.38 (.04)	.36	.000
IC Age 4 → MD Age 5	-1.64 (.56)	-.13	.003
OB Age 2 → OB Age 5	.16 (.07)	.15	.032
OB Age 3 → OB Age 5	.18 (.07)	.17	.008
OB Age 4 → OB Age 5	.31 (.07)	.28	.000
IC Age 4 → OB Age 5	-.09 (.03)	-.19	.001
MD Age 4 → OB Age 5	.004 (.002)	.10	.036
MD Age 2 → MD Age 4	.26 (.04)	.25	.000
MD Age 3 → MD Age 4	.43 (.04)	.44	.000
IC Age 3 → IC Age 4	.57 (.06)	.51	.000
OB Age 2 → OB Age 4	.14 (.06)	.14	.015
OB Age 3 → OB Age 4	.26 (.06)	.28	.000
IC Age 3 → OB Age 4	-.09 (.03)	-.17	.002
MD Age 2 → MD Age 3	.46 (.04)	.44	.000
OB Age 2 → MD Age 3	3.63 (1.23)	.13	.003
OB Age 2 → IC Age 3	-.43 (.11)	-.22	.000
OB Age 2 → OB Age 3	.41 (.05)	.40	.000
MD Age 2 → OB Age 3	.004 (.002)	.09	.029
Structural Model: Covariances and Residuals			
Covariance between MD Age 5 and OB Age 5	.14 (.18)	.05	.463
Covariance between MD Age 4 and OB Age 4	.04 (.17)	.01	.828
Covariance between IC Age 4 and OB Age 4	-.10 (.02)	-.41	.000
Covariance between IC Age 4 and MD Age 4	-.10 (.36)	-.02	.783
Covariance between MD Age 3 and OB Age 3	.54 (.19)	.15	.005
Covariance between IC Age 3 and OB Age 3	-.12 (.02)	-.42	.000
Covariance between IC Age 3 and MD Age 3	-1.35 (.37)	-.19	.000
Covariance between MD Age 2 and OB Age 2	-.05 (.21)	-.01	.803
Residual for MD Age 5	74.23 (4.61)	.57	.000
Residual for OB Age 5	.12 (.01)	.64	.000
Residual for MD Age 4	77.40 (4.64)	.65	.000
Residual for IC Age 4	.54 (.04)	.71	.000
Residual for OB Age 4	.12 (.01)	.75	.000
Residual for MD Age 3	95.20 (5.57)	.78	.000
Residual for IC Age 3	.55 (.04)	.92	.000
Residual for OB Age 3	.14 (.01)	.80	.000

Note: $\chi^2(17, N = 677) = 20.10, p = .269$; CFI = 1.0; RMSEA = .02 [.00, .04]; SRMR = .02. Effects of covariates not shown. MD = Maternal Depressive Symptoms. OB = Oppositional Behavior. IC = Inhibitory Control.

Table S5

Unstandardized, Standardized, and Significance Levels for Model in Figure 5 (Standard Errors in Parentheses)

<i>Parameter Estimate</i>	<i>Unstandardized</i>	<i>Standardized</i>	<i>p</i>
Structural Model: Lag and Cross-Lag Estimates			
MD Age 2 → MD Age 5	.19 (.04)	.18	.000
OB Age 2 → MD Age 5	2.70 (1.18)	.10	.022
MD Age 3 → MD Age 5	.24 (.04)	.23	.000
MD Age 4 → MD Age 5	.38 (.04)	.37	.000
OB Age 2 → OB Age 5	.15 (.07)	.14	.040
OB Age 3 → OB Age 5	.18 (.07)	.18	.009
OB Age 4 → OB Age 5	.40 (.07)	.37	.000
MD Age 4 → OB Age 5	.01 (.002)	.12	.018
MD Age 2 → MD Age 4	.26 (.04)	.25	.000
MD Age 3 → MD Age 4	.43 (.04)	.43	.000
IC Age 3 → IC Age 4	.52 (.04)	.51	.000
MD Age 3 → IC Age 4	-.01 (.003)	-.11	.002
OB Age 2 → OB Age 4	.17 (.06)	.17	.007
OB Age 3 → OB Age 4	.32 (.06)	.33	.000
IC Age 3 → OB Age 4	-.05 (.03)	-.11	.030
MD Age 2 → MD Age 3	.47 (.04)	.45	.000
OB Age 2 → MD Age 3	3.65 (1.23)	.13	.003
MD Age 2 → IC Age 3	-.01 (.003)	-.15	.000
OB Age 2 → IC Age 3	-.24 (.10)	-.13	.012
OB Age 2 → OB Age 3	.43 (.05)	.41	.000
MD Age 2 → OB Age 3	.01 (.002)	.13	.007
Structural Model: Covariances and Residuals			
Covariance between MD Age 5 and OB Age 5	.22 (.19)	.07	.253
Covariance between MD Age 4 and OB Age 4	.02 (.17)	.01	.926
Covariance between IC Age 4 and OB Age 4	-.04 (.01)	-.18	.001
Covariance between IC Age 4 and MD Age 4	-.64 (.25)	-.11	.010
Covariance between MD Age 3 and OB Age 3	.51 (.19)	.14	.008
Covariance between IC Age 3 and OB Age 3	-.04 (.01)	-.14	.005
Covariance between IC Age 3 and MD Age 3	-1.40 (.30)	-.19	.000
Covariance between MD Age 2 and OB Age 2	-.09 (.21)	-.02	.652
Residual for MD Age 5	75.23 (4.65)	.57	.000
Residual for OB Age 5	.13 (.01)	.67	.000
Residual for MD Age 4	77.41 (4.64)	.65	.000
Residual for IC Age 4	.43 (.03)	.67	.000
Residual for OB Age 4	.12 (.01)	.76	.000
Residual for MD Age 3	95.01 (5.55)	.77	.000
Residual for IC Age 3	.55 (.03)	.91	.000
Residual for OB Age 3	.14 (.01)	.81	.000

Note: $\chi^2(16, N = 677) = 11.38, p = .785$; CFI = 1.0; RMSEA = .00 [.00, .02]; SRMR = .01. Effects of covariates not shown. MD = Maternal Depressive Symptoms. OB = Oppositional Behavior. IC = Inhibitory Control.