**Supplemental Materials**

**Supplemental Table S1**

*Bivariate correlations among baseline variables*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 1. Child Sex | ---  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CG Race/Ethnicity |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  2. White | .001 | --- |  |  |  |  |  |  |  |  |  |  |  |  |
|  3. Black | .030 | -.762\*\* | --- |  |  |  |  |  |  |  |  |  |  |  |
|  4. Hispanic | -.019 | -.198\*\* | -.312\*\* | --- |  |  |  |  |  |  |  |  |  |  |
|  5. Other  | -.046 | -.165\*\* | -.260\*\* | -.068\* | --- |  |  |  |  |  |  |  |  |  |
| 6. CG GED Status  | -.027 | .093\* | -.046 | -.117\*\* | .044 | --- |  |  |  |  |  |  |  |  |
| 7. CG Marital Status | .022 | .286\*\* | -.318\*\* | .105\*\* | -.017 | .023 | --- |  |  |  |  |  |  |  |
| 8. Poverty Status | -.014 | -.208\*\* | .199\*\* | .023 | -.029 | -.130\*\* | -.285\*\* | --- |  |  |  |  |  |  |
| 9. CG Child Abuse Incidents  | -.014 | .182\*\* | -.200\*\* | .017 | .047 | .013 | .067 | -.002 | --- |  |  |  |  |  |
| 10. CG CES-D Total Score | -.046 | -.100\*\* | .125\*\* | -.054 | -.007 | -.085\* | -.179\*\* | .156\*\* | .244\*\* | --- |  |  |  |  |
| 11. CTSPC Psych. Aggression | -.025 | -.126\*\* | .175 | -.069 | -.061 | .018 | -.035 | .042 | .099\*\* | .170\*\* | --- |  |   |  |
| 12. CTSPC Phys. Aggression | -.064 | -.180\*\* | .232\*\* | -.075\* | -.069 | -.010 | -.031 | .078\* | .033 | .172\*\* | .584\*\* | --- |  |  |
| 13. Child Ext. Raw Score | -.054 | .029 | -.008 | -.069\* | .039 | .011 | -.022 | .020 | .233\*\* | .298\*\* | .227\*\* | .273\*\* | --- |  |
| 14. Age 14 DBD Symptom Count | -.049 | .173\*\* | -.168\*\* | .023 | -.014 | .027 | .012 | -.071 | .069 | -.010 | .069 | .075 | .194\*\* | --- |

*Note.* For brevity, only variables at study baseline (i.e., child age 4 years) are presented, with the exception of youth’s disruptive behavior disorder diagnosis status, which was collected at child age 14. CG = Caregiver; CES-D = Center for Epidemiologic Studies Depression Scale; Psych. = psychological; Phys. = physical; CTSPC = Conflict Tactics Scale – Parent to Child Version; Ext. = Externalizing Problems; DBD Dx = disruptive behavior disorder diagnosis.

\**p* < .05. \*\**p* < .01.

**Figure S1a.** Conceptual model depicting traditional cross-lagged panel model

**Figure S1b.** Conceptual model depicting random intercept cross-lagged panel model

*Note.* For simplicity, measurement models are not shown. Subscript “i” denotes a random intercept. Mat. = Maternal; Dep. = Depressive Symptoms; Par. = Parenting; Ext. = Externalizing behavior problems; Int. = Internalizing behavior problems; DBP = Disruptive behavior problems; Symp. = Symptom