**Supplemental Material**

Table S1.

*Descriptive Statistics for Child Observed SPS Scales(N=235).*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | *N* | *Mean* | *SD* | *Min* | *Max* |
| *Fishing Task* |  |  |  |  |  |
|  Monitoring & Reflection | 228 | 5.68 | 2.30 | 1.00 | 9.00 |
|  Mild Positive Affect | 228 | 5.61 | 2.45 | 1.00 | 9.00 |
|  Emotion & Impulse Regulation | 228 | 6.26 | 2.18 | 1.00 | 9.00 |
|  Attending to Direction | 228 | 7.02 | 2.16 | 1.00 | 9.00 |
| *Gift-Delay Task* |  |  |  |  |  |
|  Mild Positive Affect | 229 | 4.39 | 2.18 | 1.00 | 9.00 |
|  Effortful Control | 229 | 5.80 | 2.47 | 1.00 | 9.00 |
|  Emotion Regulation | 229 | 7.13 | 2.32 | 1.00 | 9.00 |
| *Visual Problem-Solving Task* |  |  |  |  |  |
|  Persistence & Focused Attention | 231 | 6.77 | 2.00 | 1.00 | 9.00 |
|  Attending to Direction | 231 | 6.48 | 2.29 | 1.00 | 9.00 |
| *Hurt Knee Task* |  |  |  |  |  |
|  Empathetic Attunement  | 230 | 5.53 | 2.74 | 1.00 | 9.00 |
| *Stranger Approach Task* |  |  |  |  |  |
|  *Clown:* Fearful Distress | 231 | 5.07 | 2.50 | 1.00 | 9.00 |
|  *Bag Lady:* Fearful Distress | 232 | 5.29 | 2.36 | 1.00 | 9.00 |
| *Puzzle Box Task* |  |  |  |  |  |
|  Persistence/Focused Attention | 219 | 5.00 | 2.54 | 1.00 | 9.00 |
|  Careful Exploration and Strategy Use | 219 | 4.75 | 2.35 | 1.00 | 9.00 |
|  Emotion Regulation | 219 | 6.19 | 2.81 | 1.00 | 9.00 |

Table S2.

*Confirmatory Factor Analyses for Child Observed SPS (N = 235).*

|  |  |  |  |
| --- | --- | --- | --- |
|  | β(SE) | Z | p |
| *Fishing Task* |  |  |  |
|  Monitoring & Reflection | 0.50(0.08) | 6.05 | <.01 |
|  Mild Positive Affect | 0.52 (0.09) | 6.05 | <.01 |
|  Emotion & Impulse Regulation | 0.58(0.08) | 7.00 | <.01 |
|  Attending to Direction | 0.72(0.07) | 10.10 | <.01 |
| *Gift-Delay Task* |  |  |  |
|  Mild Positive Affect | 0.43(0.09) | 4.87 | <.01 |
|  Effortful Control | 0.57(0.10) | 5.95 | <.01 |
|  Emotion Regulation | 0.51(0.09) | 5.47 | <.01 |
| *Visual Problem-Solving Task* |  |  |  |
|  Persistence & Focused Attention | 0.55(0.07) | 7.41 | <.01 |
|  Attending to Direction | 0.62(0.07) | 9.00 | <.01 |
| *Hurt Knee Task* |  |  |  |
|  Empathetic Attunement  | 0.40(0.09) | 4.33 | <.01 |
| *Stranger Approach Task* |  |  |  |
|  *Clown:* Fearful Distress | 0.11(0.09) | 1.26 | .21 |
|  *Bag Lady:* Fearful Distress | 0.03(0.08) | 0.33 | .74 |
| *Puzzle Box Task* |  |  |  |
|  Persistence/Focused Attention | 0.13(0.08) | 1.62 | .11 |
|  Careful Exploration and Strategy Use | 0.16(0.08) | 1.99 | .05 |
|  Emotion Regulation | 0.30(0.09) | 3.48 | .01 |

Model fit: X2 (77) = 144.78, p= 0.01, RMSEA=0.06, CFI=0.95, TLI=0.93, SRMR=0.06. Note. All path coefficients presented in the table are standardized coefficients.

Table S3.

*Factor Pattern for the Environmental Harshness and Unpredictability Measures.*

|  |  |
| --- | --- |
|  | Factor loading |
| *Environmental Harshness* |
| Family Income-to-Needs Ratio | -0.69 |
| Observed Maternal Sensitivity | -0.87 |
| Observed Maternal Harsh Discipline | 0.83 |
|  |  |
| Eigenvalue | 1.91 |
| Proportion of variance explained | 63.70% |
| *Environmental Unpredictability* |
| Family Instability | 0.73 |
| Household Chaos | 0.52 |
| Neighborhood Residential Instability | 0.72 |
|  |  |
| Eigenvalue | 1.32 |
| Proportion of variance explained | 44.14% |

Table S4. Correlation between Observed SPS and Mother-reported Child Temperament.

|  |  |  |
| --- | --- | --- |
|  | *r* | *p* |
| Inhibitory Control | .21 | <.01 |
| Activity Level | -.08 | .22 |
| Soothability | -.05 | .42 |
| Approach/Positive Anticipation | -.05 | .48 |
| Anger/Frustration | -.04 | .52 |
| Impulsivity | -.07 | .26 |

*Note*. Mother-reported child temperament was measured by the Behavior Questionnaire-Short form (CBQ-SF, 37 items, Putnam & Rothbart, 2006). Responses were on seven-point Likert scale (1 = “*Extremely untrue*”, 7 = “*Extremely true*”). Sum scores were created within each subscale, with higher scores reflecting greater inhibitory control (6 items, ‘is good at following directions’, α = 0.60), activity level (7 items, ‘is full of energy, even in the evening’, α = 0.67), Soothability (6 items, ‘is easy to soothe when s/he is upset’, α = 0.70), approach/positive anticipation (6 items, ‘becomes very excited while planning for trips’, α = 0.61), anger/frustration (6 items, ‘gets quite frustrated when prevented from doing something s/he wants to do’, α = 0.77), and impulsivity levels (6 items, ‘usually rushes into an activity without thinking about it’, α = 0.59), respectively.