**Supplementary Materials**

Table S1. *Path Coefficients* [*B*(*SE*)] *between Predictors and Outcomes from the Structural Model for the Child Development Project – Full Sample*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 16 Internalizing  | 1 |  |  |  |  |  |  |  |  |
| 2. Age 16 Externalizing | 30.28(3.58)\*\*\* | 1 |  |  |  |  |  |  |  |
| 3. Age 16 Poor health | .65(.14)\*\*\* | .72(.16)\*\*\* | 1 |  |  |  |  |  |  |
| 4. Age 16 Monitoring | -1.40(.31)\*\*\* | -2.63(.39)\*\*\* | -.05(.02)\*\* | 1 |  |  |  |  |  |
| 5. Age 16 Relationship Quality | -1.86(.28)\*\*\* | -3.31(.40)\*\*\* | -.03(.01) | .22(.04)\*\*\* | 1 |  |  |  |  |
| 6. Age 16 Involvement | -.86(.23)\*\*\* | -1.19(.29)\*\*\* | -.01(.01) | .19(.03)\*\*\* | .19(.03)\*\*\* | 1 |  |  |  |
| 7. Age 16 Family Stress | .21(.04)\*\*\* | .26(.05)\*\*\* | .02(.00)\*\*\* | -.03(.01)\*\*\* | -.01(.01) | -.00(.00) | 1 |  |  |
| 8. Age 16 Peer Substance Use | .93(.37)\* | 2.21(.45)\*\*\* | .07(.02)\*\* | -.26(.05)\*\*\* | -.10(.04)\* | -.12(.04)\*\* | .03(.01)\*\* | 1 |  |
| 9. Age 16 Own Substance Use | .25(.13) | .86(.16)\*\*\* | .02(.01)\* | -.12(.02)\*\*\* | -.04(.02)\*\* | -.05(.01)\*\* | .01(.00)\*\* | .27(.02)\*\*\* | 1 |
|  |  |  |  |  |  |  |  |  |  |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 27 Internalizing | 1 |  |  |  |  |  |  |  |  |
| 2. Age 27 Externalizing | 57.25(5.72)\*\*\* | 1 |  |  |  |  |  |  |  |
| 3. Age 27 Poor health  | .74(.22)\*\* | .39(.14)\*\* | 1 |  |  |  |  |  |  |
| 4. Age 27 Pain | 1.18(.25)\*\*\* | .65(.16)\*\*\* | .02(.01)\*\* | 1 |  |  |  |  |  |
| 5. Age 27 Own Substance Use | .53(.16)\*\* | .70(.12)\*\*\* | .02(.01)\*\*\* | .01(.01)\* | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 34 Alcohol Misuse | 1 |  |  |  |  |  |  |  |  |
| 2. Age 34 Cannabis Misuse | 2.07(1.06) | 1 |  |  |  |  |  |  |  |
| 3. Age 34 Other Misuse  | .11(.49) | .38(.51) | 1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

*Note.* \* *p<*.05; \*\* *p<*.01; \*\*\* *p<*.001.

Table S2. *Path Coefficients* [*B*(*SE*)] *between Predictors and Outcomes from the Structural Model for Fast Track – Male Sample*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 16 Internalizing  | 1 |  |  |  |  |  |  |  |  |
| 2. Age 16 Externalizing | .00(.00) | 1 |  |  |  |  |  |  |  |
| 3. Age 16 Poor health | .01(.01) | .00(.00) | 1 |  |  |  |  |  |  |
| 4. Age 16 Monitoring | -.02(.02) | -.01(.01) | .01(.01) | 1 |  |  |  |  |  |
| 5. Age 16 Relationship Quality | -.03(.02) | -.02(.01)\* | -.00(.01) | .13(.03)\*\*\* | 1 |  |  |  |  |
| 6. Age 16 Involvement | -.00(.02) | -.01(.00)\* | .01(.01) | .12(.02)\*\*\* | .13(.03)\*\*\* | 1 |  |  |  |
| 7. Age 16 Family Stress | .00(.00) | .00(.00) | .01(.00) | -.00(.00) | .00(.01) | .01(.01)\* | 1 |  |  |
| 8. Age 16 Peer Substance Use | .11(.03)\*\* | .03(.01)\*\*\* | -.00(.02) | -.07(.03)\* | -.13(.06)\* | -.02(.04) | .01(.01) | 1 |  |
| 9. Age 16 Own Substance Use | .03(.01)\*\* | .01(.00)\*\* | .00(.01) | -.02(.01) | -.05(.02)\*\* | -.00(.02) | .01(.00) | .20(.03)\*\*\* | 1 |
|  |  |  |  |  |  |  |  |  |  |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 25 Internalizing | 1 |  |  |  |  |  |  |  |  |
| 2. Age 25 Externalizing | 95.52(11.25)\*\*\* | 1 |  |  |  |  |  |  |  |
| 3. Age 25 Poor health  | .78(.29)\*\* | .55(.20)\*\* | 1 |  |  |  |  |  |  |
| 4. Age 25 Pain | 1.07(.30)\*\*\* | .45(.19)\* | .02(.01)\* | 1 |  |  |  |  |  |
| 5. Age 25 Own Substance Use | 1.04(.29)\*\*\* | 1.14(.27)\*\*\* | -.00(.01) | .01(.01) | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 32 Alcohol Misuse | 1 |  |  |  |  |  |  |  |  |
| 2. Age 32 Cannabis Misuse | 1.40(.01) | 1 |  |  |  |  |  |  |  |
| 3. Age 32 Other Misuse  | 3.36(2.34) | 2.62(1.18)\* | 1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

*Note.* \* *p<*.05; \*\* *p<*.01; \*\*\* *p<*.001.

Table S3. *Path Coefficients* [*B*(*SE*)] *between Predictors and Outcomes from the Structural Model for Fast Track – Female Sample*

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 16 Internalizing  | 1 |  |  |  |  |  |  |  |  |
| 2. Age 16 Externalizing | .01(.00)\* | 1 |  |  |  |  |  |  |  |
| 3. Age 16 Poor health | .02(.01) | .00(.00) | 1 |  |  |  |  |  |  |
| 4. Age 16 Monitoring | -.04(.02)\* | -.00(.00) | .01(.01) | 1 |  |  |  |  |  |
| 5. Age 16 Relationship Quality | -.12(.03)\*\*\* | -.00(.00) | .01(.01) | .14(.05)\*\* | 1 |  |  |  |  |
| 6. Age 16 Involvement | -.03(.02) | .00(.00) | .02(.01) | .15(.03)\*\*\* | .20(.04)\*\*\* | 1 |  |  |  |
| 7. Age 16 Family Stress | .01(.01) | .00(.00) | .00(.00) | -.01(.01)\* | -.02(.01)\*\* | -.01(.01) | 1 |  |  |
| 8. Age 16 Peer Substance Use | .08(.03)\* | .01(.00)\*\* | .01(.01) | -.00(.02) | -.06(.04) | -.03(.03) | .00(.01) | 1 |  |
| 9. Age 16 Own Substance Use | .05(.02)\*\*\* | .01(.00)\*\* | .00(.01) | -.03(.02) | -.08(.02)\*\* | -.02(.02) | .01(.00) | .09(.02)\*\*\* | 1 |
|  |  |  |  |  |  |  |  |  |  |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 25 Internalizing | 1 |  |  |  |  |  |  |  |  |
| 2. Age 25 Externalizing | 54.60(7.72)\*\*\* | 1 |  |  |  |  |  |  |  |
| 3. Age 25 Poor health  | .63(.26)\* | .17(.13) | 1 |  |  |  |  |  |  |
| 4. Age 25 Pain | 1.23(.31)\*\*\* | .43(.16)\*\* | .02(.01) | 1 |  |  |  |  |  |
| 5. Age 25 Own Substance Use | .99(.27)\*\*\* | .91(.19)\*\*\* | .00(.01) | .01(.01) | 1 |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| *Variables* |  |  |  |  |  |  |  |  |  |
| 1. Age 32 Alcohol Misuse | 1 |  |  |  |  |  |  |  |  |
| 2. Age 32 Cannabis Misuse | 1.24(.66) | 1 |  |  |  |  |  |  |  |
| 3. Age 32 Other Misuse  | .03(.06) | .03(.04) | 1 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

*Note.* \* *p<*.05; \*\* *p<*.01; \*\*\* *p<*.001.