**Supplemental Online Material (SOM)**

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**Appendix S1.** Supplemental Methods

1. Comparing the Parameters (i.e., Intercepts and Slopes) of Youths without a History of Maltreatment Depression Trajectories
2. Comparing the Parameters (i.e., Intercepts and Slopes) of Youths with a History of Maltreatment Depression Trajectories
3. Within-Group Differences in FAS

**Appendix S2.** Supplemental Results

1. Comparing the Parameters (i.e., Intercepts and Slopes) of Youths without a History of Maltreatment Depression Trajectories
2. Comparing the Parameters (i.e., Intercepts and Slopes) of Youths with a History of Maltreatment Depression Trajectories
3. Within-Group Differences in FAS

*Supplemental Figures and Tables*

1. **Figure S1.** Estimated Means of the Trajectories of Depressive Symptoms (3- vs. 4-Class Solution)
2. **Table S1.** Mean Comparisons on Demographic Variables
3. **Table S2.** Model Fit Indices of the Growth Mixture Models
4. **Table S3.** Tests Comparing Youths with and Without a History of Maltreatment Across FAS
5. **Table S4.** Tests Comparing Youths without a History of Maltreatment Across FAS
6. **Table S5.** Pairwise Comparisons of Youths without a History of Maltreatment Across FAS
7. **Table S6.** Tests Comparing Youths with a History of Maltreatment Across FAS
8. **Table S7.** Pairwise Comparisons of Youths with a History of Maltreatment Across FAS
9. **Table S8.** Tests Comparing Youths with and Without a History of Maltreatment Across FAS (3- vs. 4-Class Solution)
10. **Table S9.** Tests Comparing Youths with a History of Maltreatment Across FAS (4-Class Solution)
11. **Table S10.** Pairwise Comparisons of Youths with a History of Maltreatment Across FAS (4-Class Solution)

**Appendix S1.** Supplemental Methods

*Comparing the Parameters (i.e., Intercepts and Slopes) of Youths Without a History of Maltreatment Depression Trajectories*

Following the selection of the optimal GMMs of depression for youths with and without a history of maltreatment, we then examined within-group differences of the parameters to determine whether there were significant differences between the trajectories of exclusively youths without a history of maltreatment. We tested the equality of parameters (e.g., slope factor, intercept factor) using the Wald chi-square test.

*Comparing the Parameters (i.e., Intercepts and Slopes) of Youths with a History of Maltreatment Depression Trajectories*

Following the selection of the optimal GMMs of depression for youths with and without a history of maltreatment, we then examined within-group differences of the parameters to determine whether there were significant differences between the trajectories of exclusively youths with a history of maltreatment. We tested the equality of parameters (e.g., slope factor, intercept factor) using the Wald chi-square test.

*Within-Group Differences in FAS*

Within-group comparisons of FAS were examined. First, general linear models (for continuous outcomes) and generalized linear models (for non-continuous outcomes) were tested to examine differences within exclusively youths without a history of maltreatment, then separately within exclusively youths with a history of maltreatment. All models corrected for multiple testing/Type I error by setting the alpha to .003. Cohen’s *d* statistics were also reported as effect sizes.

**Appendix S2.** Supplemental Results

*Comparing the Parameters (i.e., Intercepts and Slopes) of Youths Without a History of Maltreatment Depression Trajectories*

We conducted Wald chi-square tests to determine whether there were significant group differences in the parameters of the depression trajectories of exclusively youths without a history of maltreatment. Youths without a history of maltreatment in the “low” and “increasing” trajectories were equally depressed at age 13 [*x2*(1)= .34, *p =* .56] while individuals in the “declining” trajectory were 209% more depressed at baseline than individuals in the “low” trajectory [*x2*(1)= 682.01, *p<*.01] and 196% more depressed than individuals in the “increasing” trajectory [*x2*(1)= 334.12, *p<*.01]. While “low” and “increasing” trajectory individuals were equally depressed at baseline, individuals in the “increasing” trajectory became more depressed over time while “low” trajectory individuals maintained their levels of depression [*x2*(1)= 360.21, *p<*.01].

*Comparing the Parameters (i.e., Intercepts and Slopes) of Youths with a History of Maltreatment Depression Trajectories*

We also ran Wald chi-square tests to examine whether there were significant group differences in exclusively youths with a history of maltreatment. Similarly, we found that youths with a history of maltreatment in the “low” and “increasing” trajectories were equally depressed at baseline [*x2*(1)= .10, *p =* .75] while individuals in the “declining” trajectory were 170% more depressed at baseline than individuals in the “low” trajectory [*x2*(1)= 589.26, *p<*.01] and 160% more depressed than individuals in the “increasing” trajectory [*x2*(1)= 340.76, *p<*.01]. Over time, individuals in the “increasing” trajectory differentiated themselves from the “low” trajectory by becoming more depressed while individuals in the “low” trajectory did not [*x2*(1)= 347.47, *p<*.01].

*Within-Group Differences in FAS*

General linear and generalized linear models were tested to compare within group differences for exclusively youths without a history of maltreatment (Tables S4-5). Significant differences were found across most of the outcomes in youths without a history of maltreatment, including number of close friends [*x*2(2) = 33.02, *p*<.001], romantic relationship satisfaction [*x*2(2) = 203.87, *p*<.001], IPV victimization [*x*2(2) = 189.09, *p*<.001], IPV perpetration [*x*2(2) = 179.31, *p*<.001], SV victimization [*x*2(2) = 145.34, *p*<.001], alcohol abuse/dependency [*x*2(2) = 28.49, *p<*.001], general physical health [*x*2(2) = 47.58, *p*<.001], educational attainment [*x*2(2) = 132.20, *p*<.001], employment status [*x*2(2) = 71.02, *p<*.001], and annual personal earnings [*F*(2) = 13.65, *p<*.001]. Pairwise comparison tests showed that low trajectory and increasing trajectory individuals differed most significantly, where increasing trajectory individuals had 14% fewer close friends, 13% poorer romantic relationship satisfaction, 131% more IPV victimization and 165% more perpetration, 178% more SV victimization, 70% more alcohol abuse/dependency, 15% poorer general physical health, 18% lower educational attainment, 20% more unemployment, and 21% lower annual personal earnings. Furthermore, when comparing low and declining trajectory individuals, we found that declining trajectory individuals also had 8% fewer close friends, 4% poorer romantic relationship satisfaction, 45% more IPV perpetration and 122% more SV victimization, 7% poorer general physical health, 13% lower educational attainment, 13% more unemployment, and 22% lower annual personal earnings. Compared to declining trajectory individuals, increasing trajectory individuals had 10% poorer romantic relationship satisfaction, 47% more IPV victimization and 45% more perpetration, 33% more alcohol abuse/dependency, and 7% poorer general physical health.

Significant within-group differences were also found across trajectories in exclusively youths with a history of maltreatment (Tables S6-7), including number of close friends [*x*2(2) = 13.76, *p*=.001], romantic relationship satisfaction [*x*2(2) = 92.84, *p*<.001], IPV victimization [*x*2(2) = 24.91, *p*<.001], IPV perpetration [*x*2(2) = 48.18, *p*<.001], SV victimization [*x*2(2) = 79.90, *p<*.001], marijuana abuse/dependency [*x*2(2) = 14.66, *p=*.001], BMI class [*F*(2) = 11.80, *p<*.001], general physical health [*x*2(2) = 27.90, *p*<.001], educational attainment [*x*2(2) = 18.58, *p*<.001], employment status [*x*2(2) = 39.83, *p<*.001], and annual personal earnings [*F*(2) = 8.15, *p<*.001]. Pairwise comparison tests comparing low and increasing trajectory youths with a history of maltreatment showed that increasing trajectory individuals had 11% fewer close friends, 11% poorer romantic relationship satisfaction, 37% more IPV victimization and 67% more IPV perpetration, 100% more SV victimization, 5% higher BMI, 15% poorer general physical health, 8% lower educational attainment, 20% more unemployment, and 31% lower annual personal earnings. When compared to low trajectory individuals, declining trajectory individuals had 31% more IPV victimization and 45% more perpetration, 83% more SV victimization, 9% higher BMI, 10% poorer general physical health, and 8% lower educational attainment. Finally, when compared to declining trajectory individuals, increasing trajectory individuals only had 8% poorer romantic relationship satisfaction.

*Figure S1.* Estimated Means of the Trajectories of Depressive Symptoms (3- vs. 4-Class Solution)

**⎻** History of maltreatment

⋯ No history of maltreatment

Table S1

*Mean Comparisons on Demographic Variables*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | No maltreatment history (*n* = 8,249) | Maltreatment history (*n* = 3,809) | Test statistic  | *p* | Cohen’s *d* |
| Wave 1 sex (*n*) |  |  |  |  |  |
| Male | 3705 | 1768 |  |  |  |
| Female | 4544 | 2041 |  |  |  |
| Wave 2 sex (*n*) |  |  |  |  |  |
| Male | 2829 | 1346 |  |  |  |
| Female | 3508 | 1563 |  |  |  |
| Wave 3 sex (*n*) |  |  |  |  |  |
| Male | 3701 | 1768 |  |  |  |
| Female | 4548 | 2041 |  |  |  |
| Wave 4 sex (*n*) |  |  |  |  |  |
| Male | 3702 | 1768 |  |  |  |
| Female | 4547 | 2041 |  |  |  |
| Wave 1 race/ethnicity (*n*) |  |  |  |  |  |
| Hispanic/Latino | 1268 | 603 |  |  |  |
| White | 5317 | 2228 |  |  |  |
| Black | 1732 | 828 |  |  |  |
| Native American | 116 | 68 |  |  |  |
| Asian | 475 | 350 |  |  |  |
| Other | 610 | 341 |  |  |  |
| Wave 3 race/ethnicity (*n*) |  |  |  |  |  |
| Hispanic/Latino | 1262 | 626 |  |  |  |
| White | 5649 | 2422 |  |  |  |
| Black | 1776 | 851 |  |  |  |
| Native American | 231 | 131 |  |  |  |
| Asian | 512 | 355 |  |  |  |
| Mean age (S.D.) |  |  |  |  |  |
| Wave 1 | 16.12 (1.73) | 16.14 (1.74) | *t*(12052) = -.73 | .467 | .01 |
| Wave 2 | 16.16 (1.63) | 16.19 (1.63) | *t*(9244) = -.82 | .415 | .02 |
| Wave 3  | 21.94 (1.76) | 21.97 (1.76) | *t*(12056) = -.98 | .329 | .02 |
| Wave 4  | 29.08 (1.74) | 29.10 (1.74) | *t*(12056) = -.68 | .500 | .01 |
| Mean depression, range 0-27 (S.D.) |  |  |  |  |  |
| Wave 1 | 5.57 (4.06) | 6.74 (4.60) | *t*(6640.17) = -13.36 | <.001 | .27 |
| Wave 2 | 5.49 (4.09) | 6.68 (4.52) | *t*(5160.92) = -12.14 | <.001 | .28 |
| Wave 3  | 4.18 (3.79) | 5.51 (4.41) | *t*(6497.28) = -16.00 | <.001 | .33 |
| Wave 4  | 4.83 (3.86) | 6.13 (4.40) | *t*(6609.22) = -15.67 | <.001 | .31 |
| Number of close friends at Wave IV (*n*) |  |  | *x2*(4, *n* = 11875) *=* 13.41 | .009 |  |
| None | 205 | 113 |  |  |  |
| 1-2 friends | 1784 | 881 |  |  |  |
| 3-5 friends | 3675 | 1721 |  |  |  |
| 6-9 friends | 1409 | 604 |  |  |  |
| 10 or more friends | 1058 | 425 |  |  |  |
| Mean romantic relationship satisfaction at Wave IV, range 7-35 (S.D.) | 28.73 (5.64) | 27.59 (5.92) | *t*(6913.75) = 9.80 | <.001 | .20 |
| Mean intimate partner violence victimization at Wave IV, range 0-4 (S.D.) | .37 (.82) | .55 (1.00) | *t*(6112.16) = -9.47 | <.001 | .20 |
| Mean intimate partner violence perpetration at Wave IV, range 0-4 (S.D.) | .25 (.68) | .37 (.82) | *t*(6120.89) = -8.13 | <.001 | .16 |
| Mean sexual violence victimization at Wave IV, range 0-1 (S.D.) | .11 (.31) | .20 (.40) | *t*(6013.38) = -12.50 | <.001 | .25 |
| Mean alcohol abuse/dependency at Wave IV, range 0-1 (S.D.) | .31 (.46) | .39 (.49) | *t*(3380.99) = -5.52 | <.001 | .17 |
| Mean marijuana abuse/dependency at Wave IV, range 0-1 (S.D.) | .21 (.41) | .29 (.46) | *t*(2600.04) = -5.24 | <.001 | .18 |
| Mean illicit drug abuse/dependency at Wave IV, range 0-1 (S.D.) | .51 (.50) | .52 (.50) | *t*(1224) = -.54 | .589 | .02 |
| Mean BMI at Wave IV, range 14.40-97.40 (S.D.) | 29.06 (7.51) | 29.47 (7.82) | *t*(7048.09) = -2.73 | .006 | .05 |
| Blood pressure class at Wave IV (*n*) |  |  | *x2*(3, *n* = 11697)= 2.31 | .510 |  |
| Normal | 2731 | 1267 |  |  |  |
| Prehypertension | 3686 | 1767 |  |  |  |
| Hypertension I | 1212 | 526 |  |  |  |
| Hypertension II | 271 | 137 |  |  |  |
| General physical health at Wave IV (*n*) |  |  | *x2*(4, *n* = 12058)= 104.52 | <.001 |  |
| Poor | 70 | 65 |  |  |  |
| Fair | 635 | 381 |  |  |  |
| Good | 2561 | 1398 |  |  |  |
| Very good | 3245 | 1362 |  |  |  |
| Excellent | 1738 | 603 |  |  |  |
| Educational attainment at Wave IV (*n*) |  |  | *x2*(12, *n* = 12054)= 82.48 | <.001 |  |
| Less than HS | 19 | 19 |  |  |  |
| Some HS | 532 | 298 |  |  |  |
| High school | 1306 | 577 |  |  |  |
| Some vocational/technical training | 267 | 139 |  |  |  |
| Vocation/technical training | 498 | 264 |  |  |  |
| Some college | 2668 | 1409 |  |  |  |
| Bachelor’s degree | 1817 | 668 |  |  |  |
| Some graduate school | 333 | 140 |  |  |  |
| Master’s degree | 489 | 154 |  |  |  |
| Some graduate training beyond master’s | 84 | 40 |  |  |  |
| Doctoral degree | 63 | 34 |  |  |  |
| Some postbaccalaureate professional education (e.g., law/medical school) | 59 | 29 |  |  |  |
| Law school, medical school, etc. | 111 | 37 |  |  |  |
| Employment status at Wave IV (*n*) |  |  | *x2*(1, *n* = 10016)= 1.60 | .207 |  |
| Unemployed | 1409 | 711 |  |  |  |
| Employed (at least 10 hours per week) | 5362 | 2534 |  |  |  |
| Mean annual personal earnings at Wave IV (S.D.) | 36170.68 (42726.17) | 35026.03 (52323.54) | *t*(11508) = 1.24 | .214 | .02 |

Table S2

*Model Fit Indices of the Growth Mixture Models*

|  |  |  |  |
| --- | --- | --- | --- |
| Form factor | # of classes | No maltreatment history | Maltreatment history |
|  |  | AIC | BIC | Entropy  | LMR *p*-value | AIC | BIC | Entropy  | LMR *p*-value |
| Intercept only | 2 classes | 169373.93 | 169542.36 | .82 | <.001 | 81533.93 | 81683.81 | .72 | <.001 |
|  | 3 classes | 169045.14 | 169227.61 | .77 | .096 | 81400.63 | 81563.01 | .73 | .065 |
|  | 4 classes | 169049.14 | 169245.64 | .77 | .500 | 81404.63 | 81579.50 | .76 | .500 |
|  | 5 classes | 169053.14 | 169263.68 | .74 | .500 | 81408.63 | 81595.99 | .66 | .500 |
|  | 6 classes | 169057.14 | 169281.71 | .71 | .500 | Error  | Error  | Error  | Error  |
| Linear | 2 classes | 168232.38 | 168428.88 | .88 | <.001 | 81126.47 | 81301.34 | .86 | <.001 |
|  | 3 classes | 167389.64 | 167607.20 | .84 | .001 | 80845.85 | 81039.45 | .77 | .010 |
|  | 4 classes | 166993.70 | 167232.30 | .84 | .133 | 80711.82 | 80924.16 | .80 | .071 |
|  | 5 classes | 166685.44 | 1666945.10 | .84 | .170 | 80645.45 | 80876.52 | .75 | .762 |
|  | 6 classes | 166515.66 | 1666796.37 | .80 | .180 | 80723.82 | 80973.63 | .84 | .193 |
| Quadratic | 2 classes | 168365.34 | 168428.88 | .88 | <.001 | 81659.94 | 81866.03 | 1.00 | .500 |
|  | 3 classes | 167389.64 | 167607.20 | .84 | .001 | 81096.83 | 81327.90 | .89 | N/A |
|  | 4 classes | 166993.70 | 167232.30 | .84 | .133 | 81291.64 | 81547.69 | .91 | .500 |
|  | 5 classes | 166685.44 | 166945.10 | .84 | .170 | 80901.32 | 81182.35 | .88 | .605 |
|  | 6 classes | 166515.66 | 166796.37 | .80 | .180 | 81307.64 | 81613.65 | .93 | .992 |

*Note.* AIC = Akaike’s information criterion; BIC = Bayesian information criterion adjusted for sample size; LMR = Lo-Mendell-Rubin likelihood ratio test for *k* classes (null) versus *k* + 1.

Table S3

*Tests Comparing Youths with and Without a History of Maltreatment Across FAS*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Dependent variable (range) | Maltreatment history group | Mean | *s.e.*  | *N* | Test statistic | 95% CI | Cohen’s *d* |
|  |  |  |  |  | *F* or *x*2 | *p* | *df* | Lower | Upper |  |
| “Low” trajectory |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Without | 3.24 | .02 | 5271 | *x*2= 3.16 | .076 | 1 | 3.19 | 3.29 | .07 |
|  | With | 3.16 | .04 | 2203 |  |  |  | 3.09 | 3.23 |  |
| Relationship satisfaction (7-35) | Without | 29.11 | .07 | 5188 | *x*2= 63.63 | <.001 | 1 | 28.99 | 29.29 | .20 |
|  | With | 28.05 | .11 | 2184 |  |  |  | 27.83 | 28.27 |  |
| Violence & victimization |  |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Without | .32 | .01 | 5185 | *x*2= 142.82 | <.001 | 1 | .31 | .34 | .20 |
|  | With | .51 | .02 | 2182 |  |  |  | .48 | .55 |  |
| IPV perpetration (0-4) | Without | .20 | .01 | 5186 | *x*2= 93.08 | <.001 | 1 | .19 | .22 | .16 |
|  | With | .33 | .01 | 2181 |  |  |  | .30 | .3 |  |
| Sexual violence victimization (0-1) | Without | .09 | .00 | 5332 | *x*2= 108.74 | <.001 | 1 | .08 | .10 | .23 |
|  | With | .18 | .01 | 2240 |  |  |  | .16 | .19 |  |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Without | .30 | .01 | 2206 | *x*2= 21.60 | <.001 | 1 | .28 | .32 | .18 |
|  | With | .38 | .01 | 1082 |  |  |  | .35 | .41 |  |
| Marijuana abuse/dependency (0-1) | Without | .20 | .01 | 1247 | *x*2= 9.67 | .002 | 1 | .18 | .23 | .16 |
|  | With | .26 | .02 | 799 |  |  |  | .23 | .29 |  |
| Illicit drug abuse/dependency (0-1) | Without | .49 | .03 | 376 | *x*2= .05 | .824 | 1 | .44 | .55 | .02 |
|  | With | .50 | .03 | 324 |  |  |  | .45 | .56 |  |
| Physical health |  |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Without | 28.89 | .10 | 5066 | *F* = .05 | .831 | 1 | 28.69 | 29.09 | .03 |
|  | With | 29.93 | .16 | 2147 |  |  |  | 28.62 | 29.23 |  |
| Blood pressure class (1-4) | Without | 1.90 | .02 | 5195 | *x*2=.01 | .930 | 1 | 1.86 | 1.94 | .01 |
|  | With | 1.90 | .03 | 2183 |  |  |  | 1.84 | 1.95 |  |
| General physical health (1-5) | Without | 3.80 | .03 | 5347 | *x*2= 8.84 | .003 | 1 | 3.74 | 3.85 | .17 |
|  | With | 3.65 | .04 | 2246 |  |  |  | 3.57 | 3.73 |  |
| Socioeconomic |  |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Without | 6.02 | .03 | 5344 | *x*2= 15.92 | <.001 | 1 | 5.96 | 6.09 | .11 |
|  | With | 5.78 | .05 | 2245 |  |  |  | 5.68 | 5.88 |  |
| Employment status (0-1) | Without | .82 | .01 | 4336 | *x*2= .09 | .768 | 1 | .80 | . 83 | .00 |
|  | With | .81 | .01 | 1897 |  |  |  | .79 | .83 |  |
| Annual personal earnings | Without | 37822.43 | 633.13 | 5066 | *F* = 1.15 | .283 | 1 | 36581.31 | 39063.56 | .01 |
|  | With | 36574.43 | 973.96 | 2147 |  |  |  | 34665.17 | 38483.68 |  |
| “Increasing” trajectory |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Without | 2.80 | .08 | 459 | *x*2= .02 | .888 | 1 | 2.65 | 2.95 | .02 |
|  | With | 2.81 | .09 | 313 |  |  |  | 2.63 | 3.01 |  |
| Relationship satisfaction (7-35) | Without | 25.46 | .24 | 444 | *x*2= 1.40 | .237 | 1 | 24.99 | 25.93 | .04 |
|  | With | 25.02 | .28 | 310 |  |  |  | 24.47 | 25.58 |  |
| Violence & victimization |  |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Without | .74 | .04 | 443 | *x*2=.46 | .499 | 1 | .67 | .83 | .04 |
|  | With | .70 | .05 | 310 |  |  |  | .61 | .80 |  |
| IPV perpetration (0-4) | Without | .53 | .03 | 444 | *x*2= .17 | .681 | 1 | .47 | .60 | .04 |
|  | With | .55 | .04 | 310 |  |  |  | .47 | .64 |  |
| Sexual violence victimization (0-1) | Without | .25 | .02 | 466 | *x*2= 10.35 | .001 | 1 | .22 | .29 | .26 |
|  | With | .36 | .03 | 316 |  |  |  | .31 | .42 |  |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Without | .51 | .04 | 152 | *x*2= .22 | .638 | 1 | .43 | .59 | .05 |
|  | With | .49 | .04 | 138 |  |  |  | .40 | .57 |  |
| Marijuana abuse/dependency (0-1) | Without | .29 | .04 | 139 | *x*2= 3.19 | .074 | 1 | .23 | .38 | .32 |
|  | With | .40 | .05 | 117 |  |  |  | .32 | .49 |  |
| Illicit drug abuse/dependency (0-1) | Without | .63 | .05 | 82 | *x*2= 1.43 | .233 | 1 | .53 | .73 | .10 |
|  | With | .54 | .06 | 67 |  |  |  | .42 | .65 |  |
| Physical health |  |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Without | 29.23 | .39 | 421 | *F* = 4.61 | .032 | 1 | 28.46 | 30.00 | .11 |
|  | With | 30.55 | .47 | 295 |  |  |  | 29.63 | 31.47 |  |
| Blood pressure class (1-4) | Without | 1.86 | .06 | 450 | *x*2= .01 | .937 | 1 | 1.74 | 1.99 | .01 |
|  | With | 1.85 | .08 | 304 |  |  |  | 1.71 | 2.01 |  |
| General physical health (1-5) | Without | 3.23 | .08 | 467 | *x*2= .68 | .409 | 1 | 3.07 | 3.39 | .13 |
|  | With | 3.12 | .10 | 317 |  |  |  | 2.93 | 3.32 |  |
| Socioeconomic |  |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Without | 4.91 | .10 | 467 | *x*2= 5.59 | .018 | 1 | 4.72 | 5.12 | .14 |
|  | With | 5.30 | .13 | 317 |  |  |  | 5.05 | 5.56 |  |
| Employment status (0-1) | Without | .66 | .02 | 406 | *x*2= .01 | .934 | 1 | .61 | .70 | .02 |
|  | With | .65 | .03 | 275 |  |  |  | .60 | .71 |  |
| Annual personal earnings | Without | 27460.81 | 2007.67 | 421 | *F* = .2.66 | .103 | 1 | 23519.12 | 31402.49 | .03 |
|  | With | 22341.00 | 2400.49 | 295 |  |  |  | 17628.08 | 27053.91 |  |
| “Declining” trajectory |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Without | 2.99 | .07 | 531 | *x*2= .30 | .583 | 1 | 2.84 | 3.14 | .03 |
|  | With | 2.92 | .10 | 293 |  |  |  | 2.73 | 3.12 |  |
| Relationship satisfaction (7-35) | Without | 28.01 | .23 | 521 | *x*2= 5.29 | .022 | 1 | 27.56 | 28.47 | .15 |
|  | With | 27.12 | .30 | 292 |  |  |  | 26.53 | 27.73 |  |
| Violence & victimization |  |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Without | .39 | .03 | 522 | *x*2= 29.54 | <.001 | 1 | .34 | .44 | .29 |
|  | With | .67 | .05 | 292 |  |  |  | .58 | .77 |  |
| IPV perpetration (0-4) | Without | .29 | .02 | 522 | *x*2= 18.04 | <.001 | 1 | .25 | .34 | .25 |
|  | With | .48 | .04 | 293 |  |  |  | .41 | .57 |  |
| Sexual violence victimization (0-1) | Without | .20 | .02 | 539 | *x*2= 17.67 | <.001 | 1 | .17 | .23 | .27 |
|  | With | .33 | .03 | 300 |  |  |  | .28 | .39 |  |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Without | .34 | .03 | 200 | *x*2= .01 | .908 | 1 | .28 | .41 | .02 |
|  | With | .35 | .04 | 130 |  |  |  | .27 | .43 |  |
| Marijuana abuse/dependency (0-1) | Without | .24 | .04 | 143 | *x*2= 2.05 | .152 | 1 | .18 | .32 | .19 |
|  | With | .33 | .05 | 107 |  |  |  | .25 | .42 |  |
| Illicit drug abuse/dependency (0-1) | Without | .46 | .06 | 68 | *x*2= 4.55 | .033 | 1 | .34 | .57 | .27 |
|  | With | .67 | .07 | 42 |  |  |  | .51 | .79 |  |
| Physical health |  |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Without | 29.57 | .37 | 494 | *F* = 5.94 | .015 | 1 | 28.84 | 30.30 | .15 |
|  | With | 31.07 | .49 | 285 |  |  |  | 30.11 | 32.04 |  |
| Blood pressure class (1-4) | Without | 1.81 | .06 | 525 | *x*2=.60 | .440 | 1 | 1.70 | 1.93 | .05 |
|  | With | 1.89 | .08 | 294 |  |  |  | 1.74 | 2.05 |  |
| General physical health (1-5) | Without | 3.47 | .08 | 540 | *x*2= 1.58 | .209 | 1 | 3.32 | 3.63 | .23 |
|  | With | 3.30 | .10 | 300 |  |  |  | 3.10 | 3.52 |  |
| Socioeconomic |  |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Without | 5.22 | .08 | 540 | *x*2=.36 | .546 | 1 | 5.03 | 5.42 | .03 |
|  | With | 5.32 | .11 | 300 |  |  |  | 5.07 | 5.59 |  |
| Employment status (0-1) | Without | .72 | .02 | 476 | *x*2= .03 | .854 | 1 | .68 | .76 | .02 |
|  | With | .73 | .02 | 262 |  |  |  | .67 | .78 |  |
| Annual personal earnings | Without | 27757.45 | 1410.73 | 464 | *F* = .17 | .684 | 1 | 24988.14 | 30526.76 | .04 |
|  | With | 28708.99 | 1859.33 | 285 |  |  |  | 25059.05 | 32358.93 |  |

*Note.* Cohen’s *d* effect sizes calculated without covariates.

Table S4

*Tests Comparing Youths without a history of maltreatment Across FAS*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dependent variable (range) | Trajectory | Mean | *s.e.*  | *N* | Test statistic | 95% CI |
|  |  |  |  |  | *F* or *x*2 | *p* | *df* | Lower | Upper |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Low | 3.24 | .02 | 5271 | *x*2= 33.02 | <.001 | 2 | 3.19 | 3.29 |
|  | Increasing | 2.80 | .08 | 459 |  |  |  | 2.65 | 2.95 |
|  | Declining | 2.99 | .07 | 531 |  |  |  | 2.84 | 3.14 |
| Relationship satisfaction (7-35) | Low | 29.14 | .07 | 5188 | *x*2= 203.87 | <.001 | 2 | 28.99 | 29.29 |
|  | Increasing | 25.46 | .24 | 444 |  |  |  | 24.99 | 25.93 |
|  | Declining | 28.01 | .23 | 521 |  |  |  | 27.56 | 28.47 |
| Violence & victimization |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Low | .32 | .01 | 5185 | *x*2= 189.09 | <.001 | 2 | .32 | .34 |
|  | Increasing | .74 | .04 | 443 |  |  |  | .67 | .83 |
|  | Declining | .39 | .03 | 552 |  |  |  | .34 | .44 |
| IPV perpetration (0-4) | Low | .20 | .01 | 5186 | *x*2= 179.31 | <.001 | 2 | .19 | .22 |
|  | Increasing | .53 | .03 | 444 |  |  |  | .47 | .60 |
|  | Declining | .29 | .02 | 522 |  |  |  | .25 | .34 |
| Sexual violence victimization (0-1) | Low | .09 | .00 | 5332 | *x*2= 145.34 | <.001 | 2 | .08 | .10 |
|  | Increasing | .25 | .02 | 466 |  |  |  | .22 | .29 |
|  | Declining | .20 | .02 | 539 |  |  |  | .17 | .23 |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Low | .30 | .01 | 2206 | *x*2= 28.49 | <.001 | 2 | .28 | .32 |
|  | Increasing | .51 | .04 | 152 |  |  |  | .43 | .59 |
|  | Declining | .34 | .03 | 200 |  |  |  | .28 | .41 |
| Marijuana abuse/dependency (0-1) | Low | .20 | .01 | 1247 | *x*2= 6.85 | .033 | 2 | .18 | .23 |
|  | Increasing | .29 | .04 | 139 |  |  |  | .23 | .38 |
|  | Declining | .24 | .04 | 143 |  |  |  | .18 | .32 |
| Illicit drug abuse/dependency (0-1) | Low | .49 | .03 | 376 | *x*2= 6.10 | .047 | 2 | .44 | .55 |
|  | Increasing | .63 | .05 | 82 |  |  |  | .53 | .73 |
|  | Declining | .46 | .06 | 68 |  |  |  | .34 | .57 |
| Physical health |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Low | 28.88 | .10 | 5066 | *F* = 1.27 | .280 | 2 | 28.68 | 29.08 |
|  | Increasing | 29.11 | .36 | 421 |  |  |  | 28.41 | 29.81 |
|  | Declining | 29.40 | .33 | 494 |  |  |  | 28.76 | 30.05 |
| Blood pressure class (1-4) | Low | 1.90 | .02 | 5195 | *x*2= 2.10 | .350 | 2 | 1.86 | 1.94 |
|  | Increasing | 1.86 | .06 | 450 |  |  |  | 1.74 | 1.99 |
|  | Declining | 1.81 | .06 | 525 |  |  |  | 1.70 | 1.93 |
| General physical health (1-5) | Low | 3.80 | .03 | 5347 | *x*2= 47.58 | <.001 | 2 | 3.74 | 3.85 |
|  | Increasing | 3.23 | .08 | 467 |  |  |  | 3.07 | 3.39 |
|  | Declining | 3.47 | .08 | 540 |  |  |  | 3.32 | 3.63 |
| Socioeconomic |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Low | 6.02 | .03 | 5344 | *x*2= 132.20 | <.001 | 2 | 5.96 | 6.09 |
|  | Increasing | 4.91 | .10 | 467 |  |  |  | 4.72 | 5.12 |
|  | Declining | 5.22 | .10 | 540 |  |  |  | 5.03 | 5.42 |
| Employment status (0-1) | Low | .82 | .01 | 4336 | *x*2= 71.02 | <.001 | 2 | .80 | .83 |
|  | Increasing | .66 | .02 | 406 |  |  |  | .61 | .70 |
|  | Declining | .72 | .02 | 476 |  |  |  | .68 | .76 |
| Annual personal earnings | Low | 37428.31 | 592.65 | 5066 | *F* = 13.65 | <.001 | 2 | 36266.51 | 38590.12 |
|  | Increasing | 29639.21 | 2059.41 | 421 |  |  |  | 25602.01 | 33676.40 |
|  | Declining | 29270.07 | 1910.40 | 494 |  |  |  | 25524.99 | 33015.15 |

Table S5

*Pairwise Comparisons of Youths without a history of maltreatment Across FAS*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trajectory comparison | Dependent variable (range) | Test statistic | 95% CI | Cohen’s *d* |
|  |  | Mean difference | *s.e.* | *p* | *df* | Lower | Upper |  |
| Low versus Increasing | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .44 | .08 | <.001 | 1 | .28 | .60 | .41 |
|  | Relationship satisfaction (7-35) | 3.68 | .25 | <.001 | 1 | 3.19 | 4.17 | .62 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.42 | .04 | <.001 | 1 | -.50 | -.34 | .43 |
|  | IPV perpetration (0-4) | -.33 | .04 | <.001 | 1 | -.39 | -.26 | .37 |
|  | Sexual violence victimization (0-1) | -.16 | .02 | <.001 | 1 | -.20 | -.12 | .41 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | -.21 | .04 | <.001 | 1 | -.29 | -.13 | .39 |
|  | Marijuana abuse/dependency (0-1) | -.09 | .04 | .024 | 1 | -.17 | -.01 | .17 |
|  | Illicit drug abuse/dependency (0-1) | -.14 | .06 | .018 | 1 | -.26 | -.02 | .29 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -.23 | .37 | .531 | 1 | -.96 | .50 | .07 |
|  | Blood pressure class (1-4) | .04 | .07 | .569 | 1 | -.09 | .17 | .08 |
|  | General physical health (1-5) | .57 | .09 | <.001 | 1 | .40 | .74 | .58 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | 1.11 | .11 | <.001 | 1 | .90 | 1.32 | .50 |
|  | Employment status (0-1) | .16 | .02 | <.001 | 1 | .11 | .21 | .37 |
|  | Annual personal earnings | 7789.11 | 2145.23 | <.001 | 1 | 3583.68 | 11994.53 | .23 |
| Low versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .25 | .08 | .001 | 1 | .10 | .41 | .26 |
|  | Relationship satisfaction (7-35) | 1.13 | .24 | <.001 | 1 | .65 | 1.61 | .21 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.06 | .03 | .027 | 1 | -.12 | -.01 | .06 |
|  | IPV perpetration (0-4) | -.09 | .02 | <.001 | 1 | -.14 | -.04 | .09 |
|  | Sexual violence victimization (0-1) | -.11 | .02 | <.001 | 1 | -.14 | -.07 | .29 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | -.04 | .03 | .269 | 1 | -.11 | .03 | .09 |
|  | Marijuana abuse/dependency (0-1) | -.04 | .04 | .276 | 1 | -.11 | .03 | .07 |
|  | Illicit drug abuse/dependency (0-1) | .04 | .07 | .555 | 1 | -.09 | .17 | .06 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -.53 | .35 | .129 | 1 | -1.21 | .15 | .08 |
|  | Blood pressure class (1-4) | .09 | .06 | .160 | 1 | -.03 | .21 | .11 |
|  | General physical health (1-5) | .33 | .08 | <.001 | 1 | .16 | .49 | .34 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .80 | .10 | <.001 | 1 | .60 | 1.00 | .36 |
|  | Employment status (0-1) | .09 | .02 | <.001 | 1 | .05 | .13 | .21 |
|  | Annual personal earnings | 8158.24 | 2004.15 | <.001 | 1 | 4229.38 | 12087.10 | .29 |
| Increasing versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | -.19 | .11 | .080 | 1 | -.40 | .02 | .16 |
|  | Relationship satisfaction (7-35) | -2.55 | .33 | <.001 | 1 | -3.20 | -1.89 | .40 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | .36 | .05 | <.001 | 1 | .26 | .45 | .37 |
|  | IPV perpetration (0-4) | .24 | .04 | <.001 | 1 | .15 | .32 | .29 |
|  | Sexual violence victimization (0-1) | .05 | .03 | .039 | 1 | .00 | .11 | .12 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .17 | .05 | .001 | 1 | .07 | .28 | .30 |
|  | Marijuana abuse/dependency (0-1) | .05 | .05 | .342 | 1 | -.05 | .15 | .09 |
|  | Illicit drug abuse/dependency (0-1) | .18 | .08 | .027 | 1 | .02 | .34 | .36 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -.29 | .48 | .544 | 1 | -1.24 | .66 | .01 |
|  | Blood pressure class (1-4) | .05 | .09 | .577 | 1 | -.12 | .22 | .04 |
|  | General physical health (1-5) | -.24 | .12 | .035 | 1 | -.47 | -.02 | .24 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | -.31 | .14 | .035 | 1 | -.59 | -.03 | .13 |
|  | Employment status (0-1) | -.07 | .03 | .037 | 1 | -.13 | .00 | .15 |
|  | Annual personal earnings | 369.14 | 2800.26 | .895 | 1 | -5120.38 | 5858.66 | .00 |

*Note.* Cohen’s *d* effect sizes calculated without covariates

Table S6

*Tests Comparing Youths with a History of Maltreatment Across FAS*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dependent variable (range) | Trajectory | Mean | *s.e.*  | *N* | Test statistic | 95% CI |
|  |  |  |  |  | *F* or *x*2 | *p* | *df* | Lower | Upper |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Low | 3.16 | .04 | 2203 | *x*2= 13.76 | .001 | 2 | 3.09 | 3.23 |
|  | Increasing | 2.81 | .10 | 313 |  |  |  | 2.63 | 3.01 |
|  | Declining | 2.92 | .10 | 293 |  |  |  | 2.73 | 3.12 |
| Relationship satisfaction (7-35) | Low | 28.05 | .11 | 2184 | *x*2= 92.84 | <.001 | 2 | 27.83 | 28.27 |
|  | Increasing | 25.02 | .28 | 310 |  |  |  | 24.47 | 25.58 |
|  | Declining | 27.12 | .30 | 292 |  |  |  | 26.53 | 27.73 |
| Violence & victimization |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Low | .51 | .02 | 2182 | *x*2= 24.91 | <.001 | 2 | .48 | .55 |
|  | Increasing | .70 | .05 | 310 |  |  |  | .61 | .80 |
|  | Declining | .67 | .05 | 292 |  |  |  | .58 | .77 |
| IPV perpetration (0-4) | Low | .33 | .01 | 2181 | *x*2= 48.18 | <.001 | 2 | .30 | .35 |
|  | Increasing | .55 | .04 | 310 |  |  |  | .47 | .64 |
|  | Declining | .48 | .04 | 293 |  |  |  | .41 | .57 |
| Sexual violence victimization (0-1) | Low | .18 | .01 | 2240 | *x*2= 79.90 | <.001 | 2 | .16 | .19 |
|  | Increasing | .36 | .03 | 316 |  |  |  | .31 | .42 |
|  | Declining | .33 | .03 | 300 |  |  |  | .28 | .39 |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Low | .38 | .01 | 1082 | *x*2= 6.52 | .038 | 2 | .35 | .41 |
|  | Increasing | .49 | .04 | 138 |  |  |  | .40 | .57 |
|  | Declining | .35 | .04 | 130 |  |  |  | .27 | .43 |
| Marijuana abuse/dependency (0-1) | Low | .26 | .02 | 799 | *x*2= 10.48 | .005 | 2 | .23 | .29 |
|  | Increasing | .40 | .05 | 117 |  |  |  | .32 | .49 |
|  | Declining | .33 | .05 | 107 |  |  |  | .25 | .42 |
| Illicit drug abuse/dependency (0-1) | Low | .50 | .03 | 324 | *x*2= 3.44 | .139 | 2 | .45 | .56 |
|  | Increasing | .54 | .06 | 67 |  |  |  | .42 | .65 |
|  | Declining | .67 | .07 | 42 |  |  |  | .51 | .79 |
| Physical health |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Low | 29.02 | .17 | 2147 | *F* = 11.80 | <.001 | 2 | 28.69 | 29.35 |
|  | Increasing | 30.53 | .45 | 295 |  |  |  | 29.64 | 31.41 |
|  | Declining | 31.02 | .46 | 285 |  |  |  | 30.12 | 31.92 |
| Blood pressure class (1-4) | Low | 1.90 | .03 | 2183 | *x*2=.26 | .877 | 2 | 1.84 | 1.95 |
|  | Increasing | 1.85 | .08 | 304 |  |  |  | 1.71 | 2.01 |
|  | Declining | 1.89 | .08 | 294 |  |  |  | 1.74 | 2.05 |
| General physical health (1-5) | Low | 3.65 | .04 | 2246 | *x*2= 27.90 | <.001 | 2 | 3.57 | 3.73 |
|  | Increasing | 3.12 | .10 | 317 |  |  |  | 2.93 | 3.32 |
|  | Declining | 3.30 | .10 | 300 |  |  |  | 3.10 | 3.52 |
| Socioeconomic |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Low | 5.78 | .05 | 2245 | *x*2= 18.58 | <.001 | 2 | 5.68 | 5.83 |
|  | Increasing | 5.30 | .13 | 317 |  |  |  | 5.05 | 5.42 |
|  | Declining | 5.32 | .13 | 300 |  |  |  | 5.07 | 5.45 |
| Employment status (0-1) | Low | .81 | .01 | 1897 | *x*2= 39.83 | <.001 | 2 | .79 | .82 |
|  | Increasing | .65 | .03 | 275 |  |  |  | .60 | .71 |
|  | Declining | .73 | .03 | 262 |  |  |  | .67 | .77 |
| Annual personal earnings | Low | 36107.10 | 1016.89 | 2147 | *F* = 8.15 | <.001 | 2 | 34113.14 | 38101.06 |
|  | Increasing | 24878.66 | 2750.24 | 295 |  |  |  | 19485.88 | 30271.43 |
|  | Declining | 30768.67 | 2808.01 | 285 |  |  |  | 25262.61 | 36274.72 |

Table S7

*Pairwise Comparisons of Youths with a history of maltreatment Across FAS*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trajectory comparison | Dependent variable (range) | Test statistic | 95% CI | Cohen’s *d* |
|  |  | Mean difference | *s.e.* | *p* | *df* | Lower | Upper |  |
| Low versus Increasing | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .34 | .10 | .001 | 1 | .14 | .54 | .20 |
|  | Relationship satisfaction (7-35) | 3.03 | .31 | <.001 | 1 | 2.43 | 3.63 | .47 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.19 | .05 | <.001 | 1 | -.28 | -.09 | .20 |
|  | IPV perpetration (0-4) | -.23 | .04 | <.001 | 1 | -.31 | -.14 | .27 |
|  | Sexual violence victimization (0-1) | -.18 | .03 | <.001 | 1 | -.24 | -.13 | .44 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | -.10 | .05 | .022 | 1 | -.19 | -.01 | .26 |
|  | Marijuana abuse/dependency (0-1) | -.14 | .05 | .004 | 1 | -.23 | -.04 | .32 |
|  | Illicit drug abuse/dependency (0-1) | -.03 | .07 | .609 | 1 | -.17 | .10 | .17 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -1.50 | .48 | .002 | 1 | -2.45 | -.56 | .15 |
|  | Blood pressure class (1-4) | .04 | .08 | .605 | 1 | -.12 | .21 | .08 |
|  | General physical health (1-5) | .53 | .11 | <.001 | 1 | .32 | .74 | .57 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .48 | .14 | .001 | 1 | .20 | .75 | .25 |
|  | Employment status (0-1) | .16 | .03 | <.001 | 1 | .10 | .22 | .34 |
|  | Annual personal earnings | 11228.44 | 2938.60 | <.001 | 1 | 5466.33 | 16990.56 | .20 |
| Low versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .24 | .11 | .024 | 1 | .03 | .45 | .23 |
|  | Relationship satisfaction (7-35) | .92 | .33 | .005 | 1 | .29 | 1.56 | .17 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.15 | .05 | .002 | 1 | -.25 | -.06 | .16 |
|  | IPV perpetration (0-4) | -.16 | .04 | <.001 | 1 | -.24 | -.07 | .19 |
|  | Sexual violence victimization (0-1) | -.15 | .03 | <.001 | 1 | -.21 | -.10 | .33 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .04 | .04 | .410 | 1 | -.05 | .12 | .07 |
|  | Marijuana abuse/dependency (0-1) | -.06 | .05 | .180 | 1 | -.16 | .03 | .10 |
|  | Illicit drug abuse/dependency (0-1) | -.16 | .08 | .036 | 1 | -.32 | -.01 | .19 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -2.00 | .49 | <.001 | 1 | -2.96 | -1.04 | .20 |
|  | Blood pressure class (1-4) | .01 | .09 | .931 | 1 | -.16 | .17 | .05 |
|  | General physical health (1-5) | .35 | .11 | .002 | 1 | .13 | .57 | .41 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .46 | .14 | .001 | 1 | .18 | .74 | .24 |
|  | Employment status (0-1) | .08 | .03 | .004 | 1 | .03 | .14 | .19 |
|  | Annual personal earnings | 5338.43 | 2995.29 | .075 | 1 | -534.85 | 11211.71 | .19 |
| Increasing versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | -.10 | .14 | .453 | 1 | -.37 | .17 | .11 |
|  | Relationship satisfaction (7-35) | -2.10 | .42 | <.001 | 1 | -2.92 | -1.29 | .29 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | .03 | .07 | .633 | 1 | -.10 | .16 | .04 |
|  | IPV perpetration (0-4) | .07 | .06 | .229 | 1 | -.04 | .19 | .08 |
|  | Sexual violence victimization (0-1) | .03 | .04 | .422 | 1 | -.04 | .11 | .10 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .14 | .06 | .019 | 1 | .02 | .26 | .33 |
|  | Marijuana abuse/dependency (0-1) | .07 | .06 | .245 | 1 | -.05 | .20 | .22 |
|  | Illicit drug abuse/dependency (0-1) | -.13 | .09 | .173 | 1 | -.32 | .06 | .02 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -.49 | .64 | .440 | 1 | -1.75 | .76 | .05 |
|  | Blood pressure class (1-4) | -.04 | .11 | .749 | 1 | -.26 | .18 | .03 |
|  | General physical health (1-5) | -.18 | .14 | .204 | 1 | -.47 | .10 | .16 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | -.02 | .19 | .913 | 1 | -.38 | .34 | .01 |
|  | Employment status (0-1) | -.07 | .04 | .061 | 1 | -.15 | .00 | .15 |
|  | Annual personal earnings | -5890.01 | 3916.19 | .133 | 1 | -13569.03 | 1789.01 | .06 |

*Note.* Cohen’s *d* effect sizes calculated without covariates

Table S8

*Tests Comparing Youths with and Without a History of Maltreatment Across FAS (3- vs. 4-Class Solution)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Dependent variable (range) | Maltreatment history group | Mean | *s.e.*  | *N* | Test statistic | 95% CI | Cohen’s *d* |
|  |  |  |  |  | *F* or *x*2 | *p* | *df* | Lower | Upper |  |
| “Low” trajectory |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Without | 3.24 | .02 | 5271 | *x*2= 3.07 | .080 | 1 | 3.19 | 3.29 | .07 |
|  | With | 3.16 | .04 | 2174 |  |  |  | 3.09 | 3.23 |  |
| Relationship satisfaction (7-35) | Without | 29.14 | .07 | 5188 | *x*2= 63.28 | <.001 | 1 | 28.99 | 29.29 | .20 |
|  | With | 28.04 | .11 | 2153 |  |  |  | 27.82 | 28.27 |  |
| Violence & victimization |  |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Without | .32 | .01 | 5185 | *x*2= 138.76 | <.001 | 1 | .31 | .34 | .20 |
|  | With | .51 | .02 | 2152 |  |  |  | .48 | .54 |   |
| IPV perpetration (0-4) | Without | .20 | .01 | 5186 | *x*2= 83.81 | <.001 | 1 | .19 | .22 | .14 |
|  | With | .32 | .01 | 2152 |  |  |  | .30 | .34 |  |
| Sexual violence victimization (0-1) | Without | .09 | .00 | 5332 | *x*2= 105.05 | <.001 | 1 | .08 | .10 | .23 |
|  | With | .18 | .01 | 2240 |  |  |  | .16 | .19 |   |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Without | .30 | .01 | 2206 | *x*2= 18.87 | <.001 | 1 | .28 | .32 | .17 |
|  | With | .38 | .01 | 1076 |  |  |  | .35 | .41 |   |
| Marijuana abuse/dependency (0-1) | Without | .20 | .01 | 1247 | *x*2= 8.58 | .003 | 1 | .18 | .23 | .16 |
|  | With | .26 | .02 | 786 |  |  |  | .23 | .29 |   |
| Illicit drug abuse/dependency (0-1) | Without | .49 | .03 | 376 | *x*2=.03 | .856 | 1 | .44 | .55 | .02 |
|  | With | .50 | .03 | 315 |  |  |  | .45 | .56 |  |
| Physical health |  |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Without | 28.89 | .10 | 5066 | *F=* .00 | .996 | 1 | 28.69 | 29.08 | .03 |
|  | With | 28.89 | .16 | 2124 |  |  |  | 28.58 | 29.19 |  |
| Blood pressure class (1-4) | Without | 1.90 | .02 | 5195 | *x*2=.02 | .902 | 1 | 1.86 | 1.94 | .01 |
|  | With | 1.89 | .03 | 2157 |  |  |  | 1.84 | 1.95 |  |
| General physical health (1-5) | Without | 3.80 | .03 | 5347 | *x*2= 8.24 | .004 | 1 | 3.74 | 3.85 | .17 |
|  | With | 3.66 | .04 | 2216 |  |  |  | 3.58 | 3.74 |  |
| Socioeconomic |  |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Without | 6.02 | .03 | 5344 | *x*2= 15.75 | <.001 | 1 | 5.96 | 6.09 | .11 |
|  | With | 5.78 | .05 | 2215 |  |  |  | 5.68 | 5.88 |  |
| Employment status (0-1) | Without | .82 | .01 | 4336 | *x*2=.00 | .992 | 1 | .80 | . 83 | .00 |
|  | With | .82 | .01 | 1871 |  |  |  | .80 | .83 |  |
| Annual personal earnings | Without | 37819.94 | 633.03 | 5066 | *F=* 1.15 | .283 | 1 | 36581.31 | 39063.56 | .01 |
|  | With | 36565.60 | 978.98 | 2124 |  |  |  | 34665.17 | 38483.68 |  |
| “Increasing” trajectory |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Without | 2.80 | .08 | 459 | *x*2= .04 | .836 | 1 | 2.65 | 2.95 | .02 |
|  | With | 2.82 | .10 | 278 |  |  |  | 2.63 | 3.03 |  |
| Relationship satisfaction (7-35) | Without | 25.46 | .24 | 444 | *x*2= .07 | .785 | 1 | 24.99 | 25.93 | .01 |
|  | With | 25.35 | .30 | 274 |  |  |  | 24.76 | 25.96 |  |
| Violence & victimization |  |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Without | .74 | .04 | 443 | *x*2= 1.11 | .292 | 1 | .67 | .83 | .06 |
|  | With | .67 | .05 | 273 |  |  |  | .58 | .78 |  |
| IPV perpetration (0-4) | Without | .53 | .03 | 444 | *x*2=.40 | .529 | 1 | .47 | .60 | .04 |
|  | With | .49 | .04 | 273 |  |  |  | .42 | .59 |  |
| Sexual violence victimization (0-1) | Without | .25 | .02 | 466 | *x*2= 7.53 | .006 | 1 | .22 | .29 | .22 |
|  | With | .35 | .03 | 279 |  |  |  | .29 | .41 |   |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Without | .51 | .04 | 152 | *x*2=.05 | .828 | 1 | .43 | .59 | .04 |
|  | With | .50 | .04 | 124 |  |  |  | .41 | .59 |  |
| Marijuana abuse/dependency (0-1) | Without | .29 | .04 | 139 | *x*2= 3.80 | .051 | 1 | .23 | .38 | .32 |
|  | With | .42 | .05 | 106 |  |  |  | .33 | .51 |  |
| Illicit drug abuse/dependency (0-1) | Without | .63 | .05 | 82 | *x*2= 1.70 | .197 | 1 | .53 | .73 | .12 |
|  | With | .53 | .07 | 59 |  |  |  | .40 | .65 |  |
| Physical health |  |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Without | 29.18 | .39 | 421 | *F=* 6.32 | .012 | 1 | 28.41 | 29.95 | .12 |
|  | With | 30.79 | .50 | 259 |  |  |  | 29.80 | 31.77 |  |
| Blood pressure class (1-4) | Without | 1.86 | .06 | 450 | *x*2=.04 | .849 | 1 | 1.74 | 1.99 | .03 |
|  | With | 1.88 | .08 | 267 |  |  |  | 1.72 | 2.05 |  |
| General physical health (1-5) | Without | 3.23 | .08 | 467 | *x*2=.22 | .643 | 1 | 3.07 | 3.39 | .09 |
|  | With | 3.16 | .11 | 280 |  |  |  | 2.96 | 3.38 |  |
| Socioeconomic |  |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Without | 4.91 | .10 | 467 | *x*2= 5.02 | .025 | 1 | 4.72 | 5.12 | .16 |
|  | With | 5.29 | .14 | 280 |  |  |  | 5.03 | 5.57 |  |
| Employment status (0-1) | Without | .66 | .02 | 406 | *x*2= .04 | .840 | 1 | .61 | . 70 | .04 |
|  | With | .67 | .03 | 248 |  |  |  | .60 | .72 |  |
| Annual personal earnings | Without | 27488.93 | 2051.50 | 421 | *F=* 2.61 | .107 | 1 | 23460.82 | 31517.04 | .10 |
|  | With | 22097.57 | 2620.13 | 259 |  |  |  | 16952.97 | 27242.18 |  |
| “Declining” trajectory |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Without | 2.99 | .07 | 531 | *x*2= .13 | .718 | 1 | 2.84 | 3.14 | .13 |
|  | With | 3.04 | .14 | 164 |  |  |  | 2.79 | 3.32 |  |
| Relationship satisfaction (7-35) | Without | 28.01 | .23 | 521 | *x*2= .06 | .800 | 1 | 27.56 | 28.47 | .01 |
|  | With | 28.13 | .41 | 164 |  |  |  | 27.33 | 28.95 |  |
| Violence & victimization |  |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Without | .39 | .03 | 522 | *x*2= 9.60 | .002 | 1 | .34 | .44 | .18 |
|  | With | .57 | .06 | 165 |  |  |  | .47 | .70 |  |
| IPV perpetration (0-4) | Without | .29 | .02 | 522 | *x*2= 9.02 | .003 | 1 | .25 | .34 | .19 |
|  | With | .45 | .05 | 165 |  |  |  | .36 | .56 |  |
| Sexual violence victimization (0-1) | Without | .20 | .02 | 539 | *x*2= 9.83 | .002 | 1 | .08 | .10 | .26 |
|  | With | .32 | .04 | 163 |  |  |  | .16 | .19 |  |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Without | .34 | .03 | 200 | *x*2=.03 | .862 | 1 | .28 | .41 | .02 |
|  | With | .33 | .05 | 76 |  |  |  | .23 | .44 |  |
| Marijuana abuse/dependency (0-1) | Without | .24 | .0 | 143 | *x*2=.56 | .454 | 1 | .18 | .32 | .17 |
|  | With | .30 | .06 | 61 |  |  |  | .19 | .42 |  |
| Illicit drug abuse/dependency (0-1) | Without | .46 | .06 | 68 | *x*2= 4.58 | .032 | 1 | .34 | .57 | .33 |
|  | With | .70 | .09 | 27 |  |  |  | .51 | .84 |  |
| Physical health |  |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Without | 29.55 | .36 | 494 | *F=* 3.00 | .084 | 1 | 28.85 | 30.25 | .12 |
|  | With | 30.80 | .63 | 161 |  |  |  | 29.57 | 32.04 |  |
| Blood pressure class (1-4) | Without | 1.81 | .06 | 525 | *x*2=.12 | .733 | 1 | 1.70 | 1.93 | .02 |
|  | With | 1.85 | .11 | 163 |  |  |  | 1.66 | 2.07 |  |
| General physical health (1-5) | Without | 3.47 | .08 | 540 | *x*2=.02 | .884 | 1 | 3.32 | 3.63 | .03 |
|  | With | 3.45 | .14 | 168 |  |  |  | 3.18 | 3.74 |  |
| Socioeconomic |  |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Without | 5.22 | .10 | 540 | *x*2= 1.52 | .218 | 1 | 5.03 | 5.42 | .13 |
|  | With | 5.47 | .18 | 168 |  |  |  | 5.13 | 5.84 |  |
| Employment status (0-1) | Without | .72 | .02 | 476 | *x*2=.04 | .843 | 1 | .68 | . 76 | .02 |
|  | With | .71 | .04 | 147 |  |  |  | .64 | .78 |  |
| Annual personal earnings | Without | 27777.77 | 1196.43 | 494 | *F=* .00 | .964 | 1 | 25428.43 | 30127.11 | .13 |
|  | With | 27667.89 | 2097.51 | 161 |  |  |  | 23549.16 | 31786.62 |  |

*Note.* Cohen’s *d* effect sizes calculated without covariates

Table S9

*Tests Comparing Youths with a History of Maltreatment Across FAS (4-Class Solution)*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Dependent variable (range) | Trajectory | Mean | *s.e.*  | *N* | Test statistic | 95% CI |
|  |  |  |  |  | *F* or *x*2 | *p* | *df* | Lower | Upper |
| Social/Interpersonal |  |  |  |  |  |  |  |  |  |
| # of close friends (1-5) | Low | 3.16 | .04 | 2174 | 14.76 | .002 | 3 | 3.09 | 3.23 |
|  | Increasing | 2.82 | .10 | 278 |  |  | 3 | 2.63 | 3.03 |
|  | Moderate | 2.81 | .12 | 193 |  |  | 3 | 2.58 | 3.05 |
|  | Declining | 3.04 | .14 | 164 |  |  | 3 | 2.79 | 3.32 |
| Relationship satisfaction (7-35) | Low | 28.04 | .11 | 2153 | 95.39 | <.001 | 3 | 27.82 | 28.27 |
|  | Increasing | 25.35 | .30 | 274 |  |  | 3 | 24.76 | 25.96 |
|  | Moderate | 25.59 | .36 | 195 |  |  | 3 | 24.89 | 26.31 |
|  | Declining | 28.13 | .41 | 164 |  |  | 3 | 27.33 | 28.95 |
| Violence & victimization |  |  |  |  |  |  |  |  |  |
| IPV victimization (0-4) | Low | .51 | .02 | 2152 | 33.86 | <.001 | 3 | .48 | .54 |
|  | Increasing | .67 | .05 | 273 |  |  | 3 | .58 | .78 |
|  | Moderate | .79 | .06 | 194 |  |  | 3 | .68 | .93 |
|  | Declining | .57 | .06 | 165 |  |  | 3 | .47 | .70 |
| IPV perpetration (0-4) | Low | .32 | .01 | 2152 | 68.12 | <.001 | 3 | .30 | .34 |
|  | Increasing | .49 | .04 | 273 |  |  | 3 | .42 | .59 |
|  | Moderate | .65 | .06 | 194 |  |  | 3 | .55 | .77 |
|  | Declining | .45 | .05 | 165 |  |  | 3 | .36 | .56 |
| Sexual violence victimization (0-1) | Low | .18 | .01 | 2211 | 81.05 | <.001 | 3 | .16 | .19 |
|  | Increasing | .35 | .03 | 279 |  |  | 3 | .29 | .41 |
|  | Moderate | .36 | .03 | 198 |  |  | 3 | .29 | .43 |
|  | Declining | .32 | .04 | 168 |  |  | 3 | .25 | .39 |
| Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |  |  |
| Alcohol abuse/dependency (0-1) | Low | .38 | .01 | 1076 | 9.08 | .028 | 3 | .35 | .41 |
|  | Increasing | .50 | .04 | 124 |  |  | 3 | .41 | .59 |
|  | Moderate | .45 | .06 | 74 |  |  | 3 | .34 | .56 |
|  | Declining | .33 | .05 | 76 |  |  | 3 | .23 | .44 |
| Marijuana abuse/dependency (0-1) | Low | .26 | .02 | 786 | 13.59 | .004 | 3 | .23 | .29 |
|  | Increasing | .42 | .05 | 106 |  |  | 3 | .33 | .51 |
|  | Moderate | .37 | .06 | 70 |  |  | 3 | .27 | .49 |
|  | Declining | .30 | .06 | 61 |  |  | 3 | .19 | .42 |
| Illicit drug abuse/dependency (0-1) | Low | .50 | .03 | 315 | 4.58 | .205 | 3 | .42 | .75 |
|  | Increasing | .53 | .07 | 59 |  |  | 3 | .40 | .65 |
|  | Moderate | .59 | .09 | 32 |  |  | 3 | .42 | .75 |
|  | Declining | .70 | .09 | 27 |  |  | 3 | .51 | .84 |
| Physical health |  |  |  |  |  |  |  |  |  |
| BMI (14.40-97.40) | Low | 28.97 | .17 | 2124 | 9.35 | <.001 | 3 | 28.65 | 29.30 |
|  | Increasing | 30.71 | .48 | 259 |  |  | 3 | 29.77 | 31.65 |
|  | Moderate | 31.15 | .57 | 183 |  |  | 3 | 30.02 | 32.27 |
|  | Declining | 30.59 | .61 | 161 |  |  | 3 | 29.60 | 31.98 |
| Blood pressure class (1-4) | Low | 1.89 | .03 | 2157 | .15 | .985 | 3 | 1.84 | 1.95 |
|  | Increasing | 1.88 | .08 | 267 |  |  | 3 | 1.72 | 2.05 |
|  | Moderate | 1.89 | .10 | 194 |  |  | 3 | 1.70 | 2.09 |
|  | Declining | 1.85 | .11 | 163 |  |  | 3 | 1.66 | 2.07 |
| General physical health (1-5) | Low | 3.66 | .04 | 2216 | 30.86 | <.001 | 3 | 3.58 | 3.74 |
|  | Increasing | 3.16 | .11 | 280 |  |  | 3 | 2.96 | 3.38 |
|  | Moderate | 3.09 | .12 | 199 |  |  | 3 | 2.86 | 3.34 |
|  | Declining | 3.45 | .14 | 168 |  |  | 3 | 3.18 | 3.74 |
| Socioeconomic |  |  |  |  |  |  |  |  |  |
| Educational attainment (1-13) | Low | 5.78 | .05 | 2215 | 18.31 | <.001 | 3 | 5.68 | 5.88 |
|  | Increasing | 5.29 | .14 | 280 |  |  | 3 | 5.03 | 5.57 |
|  | Moderate | 5.27 | .16 | 199 |  |  | 3 | 4.96 | 5.60 |
|  | Declining | 5.47 | .18 | 168 |  |  | 3 | 5.13 | 5.84 |
| Employment status (0-1) | Low | .82 | .01 | 1871 | 43.60 | <.001 | 3 | .80 | .83 |
|  | Increasing | .67 | .03 | 248 |  |  | 3 | .60 | .72 |
|  | Moderate | .69 | .04 | 168 |  |  | 3 | .62 | .76 |
|  | Declining | .71 | .04 | 147 |  |  | 3 | .64 | .78 |
| Annual personal earnings | Low | 36088.94 | 1022.50 | 2124 | 5.55 | .001 | 3 | 34083.99 | 38093.89 |
|  | Increasing | 24252.23 | 2930.39 | 259 |  |  | 3 | 18506.22 | 29998.24 |
|  | Moderate | 32514.57 | 3505.19 | 183 |  |  | 3 | 25641.46 | 39387.68 |
|  | Declining | 29477.13 | 3720.51 | 161 |  |  | 3 | 22181.82 | 36772.45 |

Table S10

*Pairwise Comparisons of Youths with a History of Maltreatment Across FAS (4-Class Solution)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Trajectory comparison | Dependent variable (range) | Test statistic | 95% CI | Cohen’s *d* |
|  |  | Mean difference | *s.e.* | *p* | *df* | Lower | Upper |  |
| Low versus Increasing | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .34 | .11 | .002 | 1 | .12 | .55 | .33 |
|  | Relationship satisfaction (7-35) | 2.69 | .32 | <.001 | 1 | 2.05 | 3.33 | .44 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.16 | .05 | .002 | 1 | -.26 | -.06 | .18 |
|  | IPV perpetration (0-4) | -.17 | .04 | <.001 | 1 | -.26 | -.09 | .20 |
|  | Sexual violence victimization (0-1) | -.17 | .03 | <.001 | 1 | -.23 | -.11 | .41 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | -.12 | .05 | .009 | 1 | -.22 | -.03 | .26 |
|  | Marijuana abuse/dependency (0-1) | -.16 | .05 | .002 | 1 | -.25 | -.06 | .32 |
|  | Illicit drug abuse/dependency (0-1) | -.02 | .07 | .737 | 1 | -.16 | .12 | .15 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -1.74 | .51 | .001 | 1 | -2.73 | -.74 | .16 |
|  | Blood pressure class (1-4) | .01 | .09 | .878 | 1 | -.16 | .19 | .04 |
|  | General physical health (1-5) | .49 | .11 | <.001 | 1 | .27 | .71 | .52 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .48 | .15 | .001 | 1 | .20 | .77 | .24 |
|  | Employment status (0-1) | .15 | .03 | <.001 | 1 | .09 | .21 | .32 |
|  | Annual personal earnings | 11836.71 | 3107.02 | <.001 | 1 | 5744.36 | 17929.06 | .31 |
| Low versus Moderate | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .35 | .13 | .006 | 1 | .10 | .60 | .35 |
|  | Relationship satisfaction (7-35) | 2.45 | .38 | <.001 | 1 | 1.70 | 3.19 | .34 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.28 | .07 | <.001 | 1 | -.41 | -.15 | .28 |
|  | IPV perpetration (0-4) | -.33 | .06 | <.001 | 1 | -.45 | -.21 | .38 |
|  | Sexual violence victimization (0-1) | -.18 | .04 | <.001 | 1 | -.25 | -.11 | .41 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | -.07 | .06 | .250 | 1 | -.19 | .05 | .16 |
|  | Marijuana abuse/dependency (0-1) | -.11 | .06 | .061 | 1 | -.23 | .01 | .21 |
|  | Illicit drug abuse/dependency (0-1) | -.09 | .09 | .313 | 1 | -.27 | .09 | .16 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -2.17 | .60 | <.001 | 1 | -3.34 | -1.00 | .19 |
|  | Blood pressure class (1-4) | .01 | .10 | .944 | 1 | -.19 | .21 | .06 |
|  | General physical health (1-5) | .56 | .13 | <.001 | 1 | .31 | .82 | .58 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .51 | .17 | .003 | 1 | .18 | .84 | .33 |
|  | Employment status (0-1) | .13 | .04 | .001 | 1 | .05 | .20 | .26 |
|  | Annual personal earnings | 3574.37 | 3660.72 | .329 | 1 | -3603.71 | 10752.44 | .08 |
| Low versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .12 | .14 | .410 | 1 | -.16 | .39 | .07 |
|  | Relationship satisfaction (7-35) | -.08 | .43 | .845 | 1 | -.93 | .76 | .01 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.06 | .06 | .343 | 1 | -.18 | .06 | .04 |
|  | IPV perpetration (0-4) | -.13 | .05 | .016 | 1 | -.23 | -.02 | .13 |
|  | Sexual violence victimization (0-1) | -.14 | .04 | <.001 | 1 | -.21 | -.07 | .32 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .05 | .06 | .387 | 1 | -.06 | .16 | .06 |
|  | Marijuana abuse/dependency (0-1) | -.04 | .06 | .557 | 1 | -.15 | .08 | .09 |
|  | Illicit drug abuse/dependency (0-1) | -.20 | .09 | .029 | 1 | -.38 | -.02 | .25 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -1.81 | .63 | .004 | 1 | -3.05 | -.58 | .18 |
|  | Blood pressure class (1-4) | .04 | .11 | .711 | 1 | -.18 | .26 | .07 |
|  | General physical health (1-5) | .21 | .15 | .161 | 1 | -.08 | .50 | .21 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .31 | .19 | .102 | 1 | -.06 | .67 | .12 |
|  | Employment status (0-1) | .10 | .04 | .008 | 1 | .03 | .18 | .24 |
|  | Annual personal earnings | 6611.81 | 3864.88 | .087 | 1 | -966.59 | 14190.21 | .21 |
| Increasing versus Moderate | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | .02 | .16 | .922 | 1 | -.29 | .32 | .01 |
|  | Relationship satisfaction (7-35) | -.24 | .47 | .611 | 1 | -1.17 | .69 | .10 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | -.12 | .08 | .139 | 1 | -.28 | .04 | .09 |
|  | IPV perpetration (0-4) | -.15 | .07 | .031 | 1 | -.30 | -.01 | .19 |
|  | Sexual violence victimization (0-1) | -.01 | .04 | .806 | 1 | -.10 | .08 | .00 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .05 | .07 | .460 | 1 | -.09 | .20 | .10 |
|  | Marijuana abuse/dependency (0-1) | .04 | .08 | .560 | 1 | -.10 | .19 | .11 |
|  | Illicit drug abuse/dependency (0-1) | -.07 | .11 | .529 | 1 | -.28 | .14 | .01 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -.43 | .74 | .559 | 1 | -1.90 | 1.03 | .04 |
|  | Blood pressure class (1-4) | -.01 | .13 | .960 | 1 | -.26 | .25 | .03 |
|  | General physical health (1-5) | .07 | .16 | .652 | 1 | -.25 | .39 | .05 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | .03 | .21 | .901 | 1 | -.39 | .44 | .09 |
|  | Employment status (0-1) | -.03 | .05 | .589 | 1 | -.12 | .07 | .06 |
|  | Annual personal earnings | -8262.34 | 4563.38 | .070 | 1 | -17210.39 | 685.71 | .16 |
| Increasing versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | -.22 | .17 | .196 | 1 | -.55 | .11 | .27 |
|  | Relationship satisfaction (7-35) | -2.77 | .51 | <.001 | 1 | -3.78 | -1.77 | .42 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | .10 | .08 | .175 | 1 | -.05 | .26 | .14 |
|  | IPV perpetration (0-4) | .05 | .07 | .494 | 1 | -.09 | .18 | .07 |
|  | Sexual violence victimization (0-1) | .03 | .05 | .482 | 1 | -.06 | .12 | .09 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .17 | .07 | .015 | 1 | .03 | .31 | .32 |
|  | Marijuana abuse/dependency (0-1) | .12 | .08 | .112 | 1 | -.03 | .27 | .23 |
|  | Illicit drug abuse/dependency (0-1) | -.18 | .11 | .103 | 1 | -.39 | .04 | .09 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | -.08 | .77 | .920 | 1 | -1.59 | 1.44 | .00 |
|  | Blood pressure class (1-4) | .03 | .14 | .840 | 1 | -.24 | .29 | .04 |
|  | General physical health (1-5) | -.28 | .18 | .114 | 1 | -.63 | .07 | .32 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | -.18 | .23 | .434 | 1 | -.62 | .27 | .11 |
|  | Employment status (0-1) | -.05 | .05 | .306 | 1 | -.14 | .04 | .09 |
|  | Annual personal earnings | -5224.90 | 4734.33 | .270 | 1 | -14508.16 | 4058.35 | .18 |
| Moderate versus Declining | Social/interpersonal |  |  |  |  |  |  |  |
|  | # of close friends (1-5) | -.23 | .18 | .198 | 1 | -.59 | .12 | .29 |
|  | Relationship satisfaction (7-35) | -2.53 | .55 | <.001 | 1 | -3.61 | -1.45 | .32 |
|  | Violence & victimization |  |  |  |  |  |  |  |
|  | IPV victimization (0-4) | .22 | .09 | .010 | 1 | .05 | .39 | .24 |
|  | IPV perpetration (0-4) | .20 | .08 | .010 | 1 | .05 | .35 | .25 |
|  | Sexual violence victimization (0-1) | .04 | .05 | .383 | 1 | -.05 | .14 | .09 |
|  | Drug/alcohol abuse/dependency |  |  |  |  |  |  |  |
|  | Alcohol abuse/dependency (0-1) | .12 | .08 | .139 | 1 | -.04 | .27 | .22 |
|  | Marijuana abuse/dependency (0-1) | .08 | .08 | .353 | 1 | -.08 | .24 | .12 |
|  | Illicit drug abuse/dependency (0-1) | -.11 | .12 | .373 | 1 | -.35 | .13 | .08 |
|  | Physical health |  |  |  |  |  |  |  |
|  | BMI (14.40-97.40) | .36 | .83 | .667 | 1 | -1.27 | 1.98 | .03 |
|  | Blood pressure class (1-4) | .03 | .15 | .816 | 1 | -.25 | .32 | .01 |
|  | General physical health (1-5) | -.36 | .19 | .061 | 1 | -.73 | .02 | .37 |
|  | Socioeconomic |  |  |  |  |  |  |  |
|  | Educational attainment (1-13) | -.20 | .24 | .401 | 1 | -.68 | .27 | .20 |
|  | Employment status (0-1) | -.02 | .05 | .644 | 1 | -.12 | .08 | .02 |
|  | Annual personal earnings | 3037.44 | 5079.75 | .550 | 1 | -6923.12 | 12998.00 | .07 |

*Note.* Cohen’s *d* effect sizes calculated without covariates