Table S1. *Childhood adversity variables*

Childhood Variable Assessed

Adversity

|  |  |
| --- | --- |
| Divorce/  Separation | Child Life Events Scale: Did anybody divorce? “Did anybody separate?” |
| Incarceration | Child Life Events Scale: Was anyone in child’s family or household jailed |
| Death | Child Life Events Scale: Did anyone who was close to the child die during the past year? |
| Foster Care | Child Life Events Scale: Did child move? To foster care? How many times did child move to foster care? |
| Homelessness | Child Life Events Scale: Was child ever homeless? Service Utilization: Did you ever need a homeless shelter as a place to stay? |
| Witnessed Violence | Child Life Events Scale: Has child seen anyone physically threatened with a weapon?, Did s/he see anyone get shot or stabbed? (other than on TV or movies), Has s/he seen someone killed or murdered?, Did s/he witness anyone being sexually abused, assaulted or raped?, Has s/he seen anyone getting hit, kicked or physically harmed in some other way? Adolescent Witnessed Violence-Short Form: In the last year, how often have you seen someone being slapped, kicked, hit with something or beaten up?, In the last year, how often have you seen someone pull a gun, a knife, or another life-threatening weapon on another person?, In the last year, how many times have you seen someone get stabbed or cut with some type of weapon?, In the last year, how many times have you seen someone get shot? In the last year, how many times have you seen someone get killed by another person? In the last year, how many times have you seen someone getting sexually assaulted, molested or raped? |
| Physical Abuse | Substantiated Child Protective Services Reports |
| Sexual Abuse | Substantiated Child Protective Services Reports |
| Emotional Maltreatment | Substantiated Child Protective Services Reports |
| Neglect | Substantiated Child Protective Services Reports |
| Substance Use | Substantiated Child Protective Services Reports |

Table S2. Correlation Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 1. | 2. | 3. | 4. | 5. |
| 1. Adversity 0-6y | -- |  |  |  |  |
| 1. Adversity 7-8y | .23\*\*\* | -- |  |  |  |
| 1. Adversity 9-10y | .28\*\*\* | .26\*\*\* | -- |  |  |
| 1. Adversity 11-12y | .21\*\*\* | .24\*\*\* | .31\*\*\* | -- |  |
| 1. Adversity 13-14y | .21\*\*\* | .27\*\*\* | .23\*\*\* | .32\*\*\* | -- |
| 1. Adversity 15-16y | .07† | .17\*\*\* | .18\*\*\* | .16\*\*\* | .23\*\*\* |

†*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001.

Table S3. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed self-reported suicidal ideation at 16y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 55) | Not Endorsed (*N* = 618) |
| Adversity 0-6y, *M(SE)* | 2.40 (0.23) | 2.08 (0.07) |
| Adversity 7-8y, *M(SE)* | 1.00 (0.14) | 1.00 (0.04) |
| Adversity 9-10y, *M(SE)* | 0.87 (0.14) | 0.93 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.11 (0.14) | 0.87 (0.04) |
| Adversity 13-14y, *M(SE)* | 1.16 (0.13) | 0.79 (0.04) |
| Adversity 15-16y, *M(SE)* | 1.13 (0.13) | 1.11 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S4. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed self-reported suicide plan at 16y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 34) | Not Endorsed (*N* = 640) |
| Adversity 0-6y, *M(SE)* | 2.27 (0.29) | 2.09 (0.07) |
| Adversity 7-8y, *M(SE)* | 0.91 (0.18) | 1.00 (0.04) |
| Adversity 9-10y, *M(SE)* | 0.79 (0.18) | 0.93 (0.04) |
| Adversity 11-12y, *M(SE)* | 0.97 (0.18) | 0.88 (0.04) |
| Adversity 13-14y, *M(SE)* | 0.97 (0.16) | 0.81 (0.04) |
| Adversity 15-16y, *M(SE)* | 1.17 (0.16) | 1.11 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S5. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed self-reported suicidal attempts at 16y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 34) | Not Endorsed (*N* = 641) |
| Adversity 0-6y, *M(SE)* | 1.91 (0.29) | 2.11 (0.07) |
| Adversity 7-8y, *M(SE)* | 0.74 (0.18) | 1.01 (0.04) |
| Adversity 9-10y, *M(SE)* | 0.79 (0.18) | 0.93 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.06 (0.18) | 0.88 (0.04) |
| Adversity 13-14y, *M(SE)* | 1.18 (0.16) | 0.80 (0.04) |
| Adversity 15-16y, *M(SE)* | 1.24 (0.16) | 1.10 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S6. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed parent-reported youth deliberately harms self or attempts suicide at 16y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 31) | Not Endorsed (*N* = 700) |
| Adversity 0-6y, *M(SE)* | 2.77 (0.30) | 1.99 (0.06) |
| Adversity 7-8y, *M(SE)* | 0.90 (0.19) | 0.97 (0.04) |
| Adversity 9-10y, *M(SE)* | 1.29 (0.19) | 0.89 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.10 (0.19) | 0.87 (0.04) |
| Adversity 13-14y, *M(SE)* | 1.10 (0.17) | 0.79 (0.04) |
| Adversity 15-16y, *M(SE)* | 1.09 (0.17) | 1.07 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S7. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed parent-reported youth talks about killing self at 16y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 38) | Not Endorsed (*N* = 694) |
| Adversity 0-6y, *M(SE)* | 2.11 (0.27) | 2.01 (0.06) |
| Adversity 7-8y, *M(SE)* | 0.95 (0.17) | 0.96 (0.04) |
| Adversity 9-10y, *M(SE)* | 1.32 (0.17) | 0.88 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.05 (0.17) | 0.88 (0.04) |
| Adversity 13-14y, *M(SE)* | 1.16 (0.15) | 0.79 (0.04) |
| Adversity 15-16y, *M(SE)* | 1.06 (0.15) | 1.07 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S8. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed self-reported youth deliberately harms self or attempts suicide at 12y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 30) | Not Endorsed (*N* = 787) |
| Adversity 0-6y, *M(SE)* | 1.90 (0.30) | 1.92 (0.06) |
| Adversity 7-8y, *M(SE)* | 0.67 (0.20) | 0.96 (0.04) |
| Adversity 9-10y, *M(SE)* | 0.77 (0.19) | 0.92 (0.04) |
| Adversity 11-12y, *M(SE)* | 0.77 (0.19) | 0.95 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S9. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed self-reported youth thinks about killing self at 12y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 38) | Not Endorsed (*N* = 777) |
| Adversity 0-6y, *M(SE)* | 2.18 (0.27) | 1.91 (0.06) |
| Adversity 7-8y, *M(SE)* | 0.87 (0.18) | 0.96 (0.04) |
| Adversity 9-10y, *M(SE)* | 1.14 (0.17) | 0.90 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.20 (0.17) | 0.92 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S10. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed parent-reported youth deliberately harms self or attempts suicide at 12y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 30) | Not Endorsed (*N* = 862) |
| Adversity 0-6y, *M(SE)* | 2.03 (0.30) | 1.91 (0.06) |
| Adversity 7-8y, *M(SE)* | 0.87 (0.20) | 0.96 (0.04) |
| Adversity 9-10y, *M(SE)* | 1.53 (0.19) | 0.89 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.51 (0.19) | 0.92 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S11. Mean and standard error of childhood adversities at each time point for individuals who have endorsed or not endorsed parent-reported youth talks about killing self at 12y

|  |  |  |
| --- | --- | --- |
|  | Endorsed (*N* = 40) | Not Endorsed (*N* = 850) |
| Adversity 0-6y, *M(SE)* | 2.05 (0.26) | 1.91 (0.06) |
| Adversity 7-8y, *M(SE)* | 1.05 (0.17) | 0.95 (0.04) |
| Adversity 9-10y, *M(SE)* | 1.23 (0.17) | 0.90 (0.04) |
| Adversity 11-12y, *M(SE)* | 1.44 (0.17) | 0.92 (0.04) |

*Note.* Estimated marginal means are from a general linear model with ACEs as the dependent variables and no covariates.

Table S12. Logistic regression results of childhood adversity from 13-14 years predicting self-reported youth seriously considering attempting suicide at 16 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | 1.12 | 0.33 | 11.78 | .001 | 3.06\*\* | 1.62, 5.81 |
| Age | 0.77 | 0.35 | 4.94 | .026 | 2.17\* | 1.10, 4.28 |
| Not Black or African American | 0.42 | 0.29 | 2.02 | .16 | 1.52 | 0.85, 2.70 |
| Adversity 13-14y | 0.47 | 0.14 | 11.36 | .001 | 1.59\*\* | 1.22, 2.09 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S13. Logistic regression results of childhood adversity from 13-14 years predicting self-reported youth attempting suicide at 16 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | 1.15 | 0.41 | 7.89 | .005 | 3.15\*\* | 1.41, 7.02 |
| Age | 0.74 | 0.42 | 3.08 | .079 | 2.10† | 0.92, 4.83 |
| Not Black or African American | 0.46 | 0.36 | 1.60 | .21 | 1.59 | 0.78, 3.23 |
| Adversity 13-14y | 0.44 | 0.17 | 6.86 | .009 | 1.55\*\* | 1.12, 2.16 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S14. Logistic regression results of childhood adversity from 0-6 years predicting parent-reported youth harming self or attempts suicide at 16 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | 0.64 | 0.39 | 2.70 | .100 | 1.90 | 0.88, 4.11 |
| Age | 1.02 | 0.43 | 5.70 | .017 | 2.77\* | 1.20, 6.38 |
| Not Black or African American | 1.45 | 0.47 | 9.56 | .002 | 4.27\*\* | 1.70, 10.71 |
| Adversity 0-6y | 0.21 | 0.10 | 4.38 | .036 | 1.24\* | 1.01, 1.51 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S15. Logistic regression results of childhood adversity from 9-10 years predicting parent-reported youth harming self or attempts suicide at 16 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | 0.70 | 0.40 | 3.13 | .077 | 2.02† | 0.93, 4.38 |
| Age | 0.94 | 0.42 | 5.09 | .024 | 2.57\* | 1.13, 5.83 |
| Not Black or African American | 1.53 | 0.47 | 10.84 | .001 | 4.62\*\* | 1.86, 11.49 |
| Adversity 9-10y | 0.32 | 0.16 | 4.15 | .042 | 1.38\* | 1.01, 1.88 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S16. Logistic regression results of childhood adversity from 9-10 years predicting parent-reported youth talking about suicide at 16 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | 0.40 | 0.35 | 1.34 | .25 | 1.50 | 0.76, 2.97 |
| Age | 1.20 | 0.37 | 10.45 | .001 | 3.33\*\* | 1.61, 6.89 |
| Not Black or African American | 0.98 | 0.37 | 6.96 | .008 | 2.66\*\* | 1.29, 5.51 |
| Adversity 9-10y | 0.35 | 0.14 | 5.91 | .015 | 1.42\* | 1.07, 1.87 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S17. Logistic regression results of childhood adversity from 13-14 years predicting parent-reported youth talking about killing self at 16 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | 0.39 | 0.35 | 1.27 | .26 | 1.48 | 0.75, 2.94 |
| Age | 1.23 | 0.37 | 11.12 | .001\*\* | 3.41 | 1.66, 7.00 |
| Not Black or African American | 1.00 | 0.37 | 7.19 | .007\*\* | 2.71 | 1.31, 5.60 |
| Adversity 13-14y | 0.38 | 0.16 | 5.75 | .016\* | 1.46 | 1.07, 2.00 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S18. Logistic regression results of childhood adversity from 9-10 years predicting parent-reported youth harming self or attempts suicide at 12 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | -0.19 | 0.38 | 0.24 | .63 | 0.83 | 0.39, 1.76 |
| Age | 0.22 | 0.47 | 0.22 | .64 | 1.25 | 0.50, 3.11 |
| Not Black or African American | 1.14 | 0.42 | 7.28 | .007 | 3.13\*\* | 1.37, 7.16 |
| Adversity 9-10y | 0.44 | 0.15 | 8.99 | .003 | 1.55\*\* | 1.16, 2.06 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S19. Logistic regression results of childhood adversity from 11-12 years predicting parent-reported youth harming self or attempts suicide at 12 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | -0.28 | 0.38 | 0.53 | .47 | 0.76 | 0.36, 1.60 |
| Age | 0.22 | 0.46 | 0.23 | .63 | 1.25 | 0.51, 3.08 |
| Not Black or African American | 1.15 | 0.42 | 7.49 | .006 | 3.17\*\* | 1.39, 7.25 |
| Adversity 11-12y | 0.39 | 0.14 | 7.96 | .005 | 1.48\*\* | 1.13, 1.94 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.

Table S20. Logistic regression results of childhood adversity from 11-12 years predicting parent-reported youth talking about killing self at 12 years

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *B* | *SE* | *χ2* | *p* | *OR* | *OR 95% CI* |
| Female | -0.35 | 0.33 | 1.12 | .29 | 0.70 | 0.37, 1.35 |
| Age | 0.65 | 0.39 | 2.83 | .093 | 1.91† | 0.90, 4.08 |
| Not Black or African American | 0.91 | 0.35 | 6.86 | .009 | 2.49\*\* | 1.26, 4.92 |
| Adversity 11-12y | 0.37 | 0.13 | 8.90 | .003 | 1.45\*\* | 1.14, 1.86 |

*Note.* †*p* < .10. \**p*<.05. \*\**p*<.01. \*\*\**p*<.001. The reference group for race is Black or African American.