**Supplementary Materials**

Daily Nonsuicidal Self-Injury Thoughts in Emerging Adulthood: The Relevance of Childhood Borderline Traits

**Table A**

*McDonald’s Omega Coefficients and Descriptives for Mother-reported Childhood Personality Traits*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | ω | M | SD |
| BPD total |  | .94 | 1.78 | .60 |
| Aggressive-Irritable traits |  | .82 | 1.73 | .61 |
| Anxious traits |  | .88 | 1.80 | .73 |
| Depressive traits |  | .83 | 1.59 | .71 |
| Emotional lability |  | .91 | 1.94 | .87 |
| Hyperexpressive traits |  | .88 | 1.76 | .70 |
| Impulsivity |  | .92 | 1.87 | .83 |
| Insecure attachment |  | .81 | 1.86 | .75 |
| Ineffective stress-coping |  | .90 | 2.06 | .91 |
| Lack of self-confidence |  | .87 | 1.98 | .80 |
| Paranoid traits |  | .90 | 1.47 | .61 |
| Risk behavior |  | .88 | 1.54 | .65 |

**Table B**

*McDonald’s Omega Within- and Between Coefficients for Negative Emotionality and Disinhibition*

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | ωbetween | ωwithin |
| negative emotionality |  | .71 | .52 |
| disinhibition |  | .84 | .68 |

**Table C**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  | |  |  |  |  |
| predictor →NSSI thoughts |  | **.47** | **.13, .82** |  | .34 | -.02, .73 |  | **.57** | | **.19, 99** |  | **.47** | **.12, .86** |
| between-person |  |  |  |  |  |  |  |  | |  |  |  |  |
| predictor → NSSI thoughts |  | **.37** | **.13, .58** |  | .15 | -.09, .39 |  | **.72** | | **.56, .83** |  | **.36** | **.12, .56** |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; Model parameter estimates are standardized. Bolded values indicate that 99% credibility interval of parameter estimates (CI) does not contain zero.

**Table D**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood BPD trait vulnerabilities.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  | |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.42** | **.13, .76** |  | .27 | -.07, .67 |  | | **.69** | **.20, 1.23** |  | **.38** | **.07, .76** |
| between-person |  |  |  |  |  |  |  | |  |  |  |  |  |
| predictor → NSSI thoughts |  | .07 | -.18, .33 |  | -.02 | -.29, .29 |  | | **.66** | **.41, .84** |  | -.09 | -.35, .19 |
| BPD → NSSI thoughts |  | .28 | -.03, .54 |  | **.28** | **.01, .53** |  | | .11 | -.11, .33 |  | **.33** | **.04, .58** |
| BPD → predictor |  | **.32** | **.05, .55** |  | .02 | -.25, .28 |  | | .20 | -.09, .46 |  | .18 | -.12, .45 |
| BPD → random slope |  | .20 | -.11, .48 |  | **.41** | **.01, .71** |  | | .20 | -.16, .54 |  | .33 | -.01, .61 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; BPD = borderline personality compound score assessed at age 12.71; Model parameter estimates are standardized. Bolded values indicate that 99% credibility interval of parameter estimates (CI) does not contain zero.

**Table E**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Aggressive-Irritable Traits.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.45** | **.21, .72** |  | **.36** | **.08, .69** |  | **.55** | **.27, .87** |  | **.46** | **.20, .75** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.35** | **.16, .52** |  | .16 | -.03, .35 |  | **.71** | **.59, .80** |  | **.34** | **.15, .50** |
| AGGR → NSSI thoughts |  | .11 | -.07, .29 |  | .16 | -.03, .35 |  | .05 | -.09, .20 |  | .12 | -.06, .29 |
| AGGR → predictor |  | **.22** | **.02, .40** |  | .14 | -.05, .32 |  | .16 | -.04, .35 |  | .18 | -.03, .37 |
| AGGR → random slope |  | .06 | -.18, .31 |  | **.36** | **.09, .63** |  | .15 | -.14, .41 |  | .01 | -.25, .27 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; AGGR = aggressive-irritable traits; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table F**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Anxious traits.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.46** | **.22, .72** |  | **.36** | **.09, .66** |  | **.50** | **.22, .82** |  | **.45** | **.19, .74** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.35** | **.15, .52** |  | .15 | -.02, .34 |  | **.70** | **.57, .79** |  | **.33** | **.14, .49** |
| ANXI → NSSI thoughts |  | .14 | -.05, .33 |  | **.26** | **.08, .44** |  | .09 | -.05, .23 |  | .15 | -.03, .33 |
| ANXI → predictor |  | **.37** | **.19, .53** |  | .00 | -.18, .19 |  | .18 | -.02, .36 |  | **.26** | **.06, .44** |
| ANXI → random slope |  | **.34** | **.11, .55** |  | **.46** | **.20, .70** |  | **.35** | **.10, .57** |  | **.33** | **.09, .54** |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; ANXI = anxious traits; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table G**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Insecure Attachment.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.46** | **.22, .72** |  | **.35** | **.07, .66** |  | **.53** | **.25, .85** |  | **.46** | **.19, .74** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.34** | **.13, .51** |  | .15 | -.03, .33 |  | **.70** | **.57, .79** |  | **.33** | **.14, .49** |
| ATTA → NSSI thoughts |  | .14 | -.05, .33 |  | **.26** | **.08, .43** |  | .13 | -.00, .27 |  | .18 | -.00, .35 |
| ATTA → predictor |  | **.41** | **.24, .57** |  | .03 | -.16, .21 |  | .14 | -.05, .33 |  | **.23** | **.03, .42** |
| ATTA → random slope |  | **.25** | **.01, .47** |  | **.34** | **.06, .57** |  | .24 | -.01, .48 |  | .24 | -.01, .47 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; ATTA = insecure attachment; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table H**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Depressive Traits.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.45** | **.21, .71** |  | **.34** | **.07, .64** |  | **.53** | **.24, .85** |  | **.45** | **.19, .74** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.33** | **.13, .51** |  | .14 | -.04, .33 |  | **.70** | **.58, .80** |  | **.33** | **.14, .49** |
| DEPR → NSSI thoughts |  | .14 | -.05, .34 |  | **.23** | **.05, .41** |  | .09 | -.05, .23 |  | .15 | -.03, .33 |
| DEPR → predictor |  | **.32** | **.13, .50** |  | .10 | -.09, .28 |  | .18 | -.02, .37 |  | **.24** | **.03, .42** |
| DEPR → random slope |  | .11 | .13, .35 |  | **.44** | **.16, .68** |  | .16 | -.11, .41 |  | .15 | -.10, .39 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; DEPR = depressive traits; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table I**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Hyper-expressivity.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.45** | **.20, .18** |  | **.37** | **.08, .70** |  | **.54** | **.25, .86** |  | **.46** | **.19, .75** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.33** | **.14, .50** |  | .15 | -.04, .34 |  | **.71** | **.58, .81** |  | **.32** | **.14, .48** |
| EXPR → NSSI thoughts |  | .16 | -.03, .34 |  | **.24** | **.05, .41** |  | .05 | -.10, .20 |  | .18 | -.01, .35 |
| EXPR → predictor |  | **.30** | **.11, .47** |  | .09 | -.09, .28 |  | **.28** | **.09, .46** |  | **.23** | **.03, .42** |
| EXPR → random slope |  | .11 | -.13, .34 |  | **.45** | **.18, .71** |  | .19 | -.08, .43 |  | .03 | -.22, .28 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; EXPR = hyperexpressive traits; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table J**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Impulsivity.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.45** | **.21, .72** |  | **.37** | **.08, .70** |  | **.55** | **.27, .87** |  | **.46** | **.20, .75** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.37** | **.18, .53** |  | .16 | -.03, .35 |  | **.72** | **.60, .82** |  | **.35** | **.17, .51** |
| IMPU → NSSI thoughts |  | .04 | -.14, .22 |  | .10 | -.09, .29 |  | -.01 | -.16, .13 |  | .07 | -.12, .24 |
| IMPU → predictor |  | **.23** | **.03, .41** |  | .09 | -.10, .27 |  | .18 | -.02, .37 |  | .14 | -.07, .34 |
| IMPU → random slope |  | .00 | -.24, .26 |  | **.30** | **.01, .59** |  | .10 | -.17, .36 |  | -.08 | -.33, .20 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; IMPU = impulsivity; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table K**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Emotional Lability.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.46** | **.21, .72** |  | **.38** | **.10, .69** |  | **.55** | **.27, .86** |  | **.46** | **.20, .75** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.35** | **.16, .52** |  | .16 | -.02, .35 |  | **.71** | **.59, .80** |  | **.34** | **.16, .50** |
| LABI → NSSI thoughts |  | .10 | -.09, .29 |  | **.19** | **.00, .37** |  | .10 | -.03, .24 |  | .11 | -.07, .29 |
| LABI → predictor |  | **.29** | **.10, .46** |  | .07 | -.12, .25 |  | .08 | -.12, .28 |  | .20 | -.01, .39 |
| LABI → random slope |  | .16 | -.08, .39 |  | **.44** | **.18, .68** |  | .26 | -.01, .50 |  | .11 | -.14, .36 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; LABI = emotional lability; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table L**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Paranoid Traits.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.44** | **.21, .70** |  | **.35** | **.07, .66** |  | **.48** | **.20, .79** |  | **.43** | **.18, .72** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.34** | **.15, .50** |  | .16 | -.02, .35 |  | **.69** | **.56, .79** |  | **.32** | **.14, .48** |
| PARA → NSSI thoughts |  | **.21** | **.03, .39** |  | **.29** | **.11, .45** |  | .11 | -.03, .25 |  | **.21** | **.03, .37** |
| PARA → predictor |  | **.29** | **.10, .45** |  | .05 | -.14, .23 |  | **.22** | **.02, .39** |  | **.23** | **.03, .41** |
| PARA → random slope |  | **.41** | **.19, .59** |  | **.57** | **.34, .78** |  | **.46** | **.22, .65** |  | **.36** | **.13, .56** |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; PARA = paranoid traits; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table M**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Risk Behavior.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor→NSSI thoughts |  | **.46** | **.21, .72** |  | **.36** | **.07, .18** |  | **.56** | **.27, .87** |  | **.47** | **.21, .76** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.38** | **.20, .54** |  | .17 | -.01, .36 |  | **.75** | **.63, .84** |  | **.36** | **.18, .52** |
| RISK → NSSI thoughts |  | -.05 | -.22, .14 |  | -.01 | -.19, .19 |  | -.13 | -.27, .02 |  | -.03 | -.21, .15 |
| RISK → predictor |  | **.14** | **-.05, .33** |  | .07 | -.12, .25 |  | .18 | -.03, .37 |  | .10 | -.11, .30 |
| RISK → random slope |  | -.09 | -.31, .15 |  | .23 | -.06, .53 |  | .07 | -.18, .31 |  | -.12 | -.35, .13 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; RISK = risk behavior; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table N**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Lack of Self-confidence.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.46** | **.22, .72** |  | **.35** | **.08, .66** |  | **.53** | **.25, .84** |  | **.46** | **.20, .74** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.36** | **.17, .53** |  | .14 | -.04, .33 |  | **.71** | **.59, .81** |  | **.35** | **.16, .51** |
| SELF → NSSI thoughts |  | .08 | -.11, .28 |  | .19 | -.01, .38 |  | .03 | -.12, .18 |  | .11 | -.08, .29 |
| SELF → predictor |  | .34 | .14, .51 |  | .08 | -.11, .27 |  | .20 | -.01, .39 |  | **.23** | **.02, .43** |
| SELF → random slope |  | .23 | -.03, .46 |  | **.40** | **.13, .65** |  | .25 | -.02, .50 |  | **.28** | **.02, .52** |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; SELF = lack of self-confidence; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table O**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Ineffective Stress-coping.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor →NSSI thoughts |  | **.45** | **.21, .71** |  | **.35** | **.08, .65** |  | **.54** | **.24, .85** |  | **.46** | **.19, .74** |
| between-person |  |  |  |  |  |  |  |  |  |  |  |  |
| predictor → NSSI thoughts |  | **.28** | **.04, .48** |  | .13 | -.05, .32 |  | **.69** | **.56, .79** |  | **.31** | **.13, .47** |
| STRE → NSSI thoughts |  | **.22** | **.01, .43** |  | **.32** | **.13, .48** |  | **.16** | **.02, .30** |  | **.24** | **.06, .41** |
| STRE → predictor |  | **.43** | **.25, .58** |  | .10 | -.09, .28 |  | .20 | -.00, .38 |  | **.22** | **.02, .41** |
| STRE →random slope |  | .17 | -.07, .39 |  | **.47** | **.21, .70** |  | .18 | -.08, .41 |  | .10 | -.15, .34 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; STRE = ineffective stress-coping; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table P**

*Key Standardized Coefficients from Multilevel Structural Equation Models Predicting daily NSSI thoughts from Negative Emotionality, Disinhibition, Interpersonal Distrust, and Rejection Sensitivity, and Childhood Borderline Personality Traits.*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **predictor** | | | | | | | | | | | |
|  |  | negative emotionality | |  | disinhibition | |  | | interpersonal distrust | |  | rejection sensitivity | |
|  |  | β | CI |  | β | CI |  | β | | CI |  | β | CI |
| within-person |  |  |  |  |  |  |  |  | |  |  |  |  |
| predictor →NSSI thoughts |  | **.39** | **.19, .61** |  | **.25** | **.04, .50** |  | **.38** | | **.12, .66** |  | **.38** | **.16, .61** |
| between-person |  |  |  |  |  |  |  |  | |  |  |  |  |
| predictor → NSSI thoughts |  | **.28** | **.08, .48** |  | .14 | -.05, .33 |  | .72 | | .58, .84 |  | .29 | .11, .46 |
| AGGR → NSSI thoughts |  | .09 | -.30, .46 |  | .01 | -.38, .41 |  | -.02 | | -.32, .30 |  | .05 | -.33, .43 |
| ANXI → NSSI thoughts |  | -.09 | -.52, .34 |  | -.10 | -.56, .35 |  | -.23 | | -.59, .11 |  | -.20 | -.63, .23 |
| ATTA → NSSI thoughts |  | -.12 | -.47, .23 |  | -.05 | -.41, .32 |  | .24 | | -.06, .53 |  | -.02 | -.37, .32 |
| DEPR → NSSI thoughts |  | -.04 | -.44, .34 |  | -.04 | -.46, .36 |  | -.02 | | -.33, .30 |  | -.05 | -.45, .33 |
| EXPR → NSSI thoughts |  | .24 | -.07, .56 |  | .29 | -.05, .61 |  | .06 | | -.21, .32 |  | .23 | -.10, .54 |
| IMPU → NSSI thoughts |  | -.03 | -.34, .27 |  | -.05 | -.38, .26 |  | .02 | | -.24, .27 |  | -.04 | -.35, .26 |
| LABI → NSSI thoughts |  | -.28 | -.69, .13 |  | -.29 | -.72, .15 |  | .02 | | -.33, .36 |  | -.30 | -.71, .11 |
| PARA → NSSI thoughts |  | **.38** | **.05, .70** |  | .35 | -.01, .68 |  | .17 | | -.10, .43 |  | **.34** | **.01, .66** |
| RISK → NSSI thoughts |  | **-.31** | **-.58, -.04** |  | **-.32** | **-.60, -.04** |  | **-.31** | | **-.55, -.09** |  | **-.29** | **-.57, -.02** |
| SELF → NSSI thoughts |  | -.08 | -.43, .26 |  | -.06 | -.42, .30 |  | -.18 | | -.47, .09 |  | -.06 | -.40, .28 |
| STRE → NSSI thoughts |  | **.39** | **.00, .76** |  | **.50** | **.10, .88** |  | .28 | | -.03, .61 |  | **.52** | **.14, .89** |
| AGGR → NSSI thoughts |  | -.19 | -.61, .21 |  | .15 | -.29, .57 |  | .06 | | -.39, .49 |  | -.03 | -.49, .42 |
| ANXI → predictor |  | -.15 | -.61, .31 |  | -.29 | -.75, .20 |  | .07 | | -.42, .56 |  | .17 | -.35, .67 |
| ATTA → predictor |  | .30 | -.07, .67 |  | -.07 | -.46, .33 |  | -.36 | | -.76, .05 |  | -.06 | -.48, .37 |
| DEPR → predictor |  | -.08 | -.51, .35 |  | .15 | -.29 -.58 |  | .02 | | -.43,.46 |  | .07 | -.41, .54 |
| EXPR → predictor |  | .22 | -.13, .55 |  | .09 | -.26, .45 |  | .36 | | .00, .71 |  | .27 | -.12, .65 |
| IMPU → predictor |  | -.11 | -.44, .22 |  | -.03 | -.37, .32 |  | -.07 | | -.41, .29 |  | -.08 | -.44, .29 |
| LABI → predictor |  | -.09 | -.54, .36 |  | -.19 | -.65, .28 |  | -.48 | | -.95, .00 |  | -.04 | -.55, .46 |
| PARA → predictor |  | -.08 | -.43, .28 |  | .03 | -.33, .39 |  | .20 | | -.17, .57 |  | .01 | -.38, .40 |
| RISK → predictor |  | -.04 | -.34, .26 |  | -.04 | -.35, .26 |  | -.03 | | -.34, .29 |  | -.10 | -.42, .24 |
| SELF → predictor |  | .16 | -.21, .53 |  | .14 | -.25, .53 |  | .22 | | -.17, .62 |  | .07 | -.34, .49 |
| STRE → predictor |  | **.53** | **.12, .91** |  | .21 | -.21, .62 |  | .32 | | -.11, .74 |  | .00 | -.44, .45 |
| AGGR → random slope |  | .13 | -.36, .62 |  | -.05 | -.64, .55 |  | -.12 | | -.71, .47 |  | .10 | -.40, .61 |
| ANXI → random slope |  | .51 | -.05 – 1.05 |  | -.09 | -.79, .66 |  | .46 | | -.34, 1.24 |  | .49 | -.12, 1.08 |
| ATTA → random slope |  | -.15 | -.61, .32 |  | -.57 | -1.11, .02 |  | -.38 | | -.91, .24 |  | -.09 | -.60, .41 |
| DEPR → random slope |  | -.43 | -.92, .06 |  | -.23 | -.92, .46 |  | -.33 | | -.95, .31 |  | -.17 | -.71, .37 |
| EXPR → random slope |  | .04 | -.38, .49 |  | .39 | -.13, .90 |  | .08 | | -.43, .59 |  | .04 | -.42, .50 |
| IMPU → random slope |  | -.01 | -.45, .45 |  | -.02 | -.52, .51 |  | -.08 | | -.54, .42 |  | -.11 | -.62, .41 |
| LABI → random slope |  | -.15 | -.65, .36 |  | -.15 | -.78, .52 |  | .05 | | -.68, .85 |  | -.18 | -.71, .35 |
| PARA → random slope |  | **.68** | **.25, 1.08** |  | **.84** | **.29, 1.34** |  | **.71** | | **.18, 1.19** |  | **.49** | **.02, .92** |
| RISK → random slope |  | -.38 | -.74, .00 |  | -.24 | -.63, .16 |  | -.05 | | -.46, .35 |  | -.29 | -.67, .09 |
| SELF → random slope |  | -.08 | -.53, .38 |  | .10 | -.43, .63 |  | -.20 | | -.72, .38 |  | .04 | -.45, .54 |
| STRE → random slope |  | -.06 | -.53, .42 |  | .47 | -.11, 1.02 |  | .01 | | -.60, .60 |  | -.22 | -.75, .31 |

*Note*. *N*=131 (*between*), *N*=1834 (*within*); → indicates regression. NSSI = non-suicidal self-injury; AGGR = aggressive-irritable traits; ANXI = anxious traits; ATTA = insecure attachment; DEPR = depressive traits; IMPU = impulsivity; LABI = emotional lability; PARA = paranoid traits; RISK = risk behavior; SELF = lack of self-esteem; STRE = ineffective stress-coping; Model parameter estimates are standardized. Bolded values indicate that 95% credibility interval of parameter estimates (CI) does not contain zero.

**Table Q**

*Overview Items Daily Diary*

|  |  |
| --- | --- |
| Scale | Item |
| Negative emotionality | Today I had highs and lows in terms of emotions. |
|  | Today I felt at times unconcerned and the moment after I felt anxious and tense |
|  | Today I was seeing things dark/pessimistic. |
| Disinhibition | Today I did things before thinking. |
|  | Today I did something that in fact was dangerous. |
| Interpersonal distrust | Today I had the feeling that others wanted to hurt me. |
| Rejection sensitivity | Today I was afraid to be rejected by someone who is important to me. |