Table S.1

*Hierarchical Linear Models Examining Moderation by Age in the Prediction of Depression (n =165)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Effortful Engagement |  | Effortful Disengagment |  | Involuntary Engagement |  | Involuntary Disengagement |
|  | Coef(SE) |  | Coef(SE) |  | Coef(SE) |  | Coef(SE) |
| Intercept |  |  |  |  |  |  |  |
| Intercept | .69(.09)\*\*\* |  | .70(.10)\*\*\* |  | .68(.09)\*\*\* |  | .70(.09)\*\*\* |
| Age | .01(.07) |  | -.03(.09) |  | -.06(.08) |  | -.00(.09) |
| Maternal Depression | .44(.13)\*\*\* |  | .44(.14)\*\* |  | .36(.13)\*\* |  | .47(.13)\*\*\* |
| Response to Stress | -.52(.10)\*\*\* |  | .31(.09)\*\*\* |  | .39(.10)\*\*\* |  | .47(.11)\*\*\* |
| Maternal Depression x Age | .02(.09) |  | .07(.10) |  | .02(.09) |  | .03(.09) |
| Response to Stress x Age | -.01(.07) |  | .06(.07) |  | .00(.09) |  | .04(.08) |
| Maternal Depression x Response to Stress | -.11(.12) |  | .12(.13) |  | -.03(.10) |  | .26(.12)\* |
| Maternal Depression x Response to Stress x Age | .04(.07) |  | -.03(.06) |  | -.15(.07)\* |  | .03(.07) |
| Slope |  |  |  |  |  |  |  |
| Intercept | -.06(.04) |  | -.08(.04)\* |  | -.07(.03) |  | -.06(.04) |
| Age | -.01(.03) |  | .00(.03) |  | -.00(.02) |  | -.01(.03) |
| Maternal Depression | -.03(.06) |  | -.06(.06) |  | -.04(.05) |  | -.05(.06) |
| Response to Stress | .07(.03)\* |  | -.06(.03) |  | -.06(.03) |  | -.04(.04) |
| Maternal Depression x Age | -.03(.03) |  | -.04(.03) |  | -.03(.03) |  | -.03(.03) |
| Response to Stress x Age | .02(.02) |  | -.04(.02) |  | -.02(.03) |  | .00(.02) |
| Maternal Depression x Response to Stress | -.05(.04) |  | -.00(.05) |  | .08(.04)\* |  | .01(.05) |
| Maternal Depression x Response to Stress x Age | -.01(.02) |  | -.01(.02) |  | .03(.02) |  | -.02(.02) |

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

Table S.2

*Hierarchical Linear Models Predicting Youth Depression Adjusting for Peer Stress: Effortful Engagement and Involuntary Disengagement (n = 165)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Girlsa |  | Boysb |
|  |  | Coef(SE) |  | Coef(SE) |
| **Effortful Engagement** |  |  |  |  |
| Intercept |  |  |  |  |
| Intercept |  | .45(.16)\*\* |  | .32(.14)\* |
| Peer stress |  | .08(.03)\*\* |  | .08(.03)\*\* |
| Gender |  | .14(.17) |  | .14(.17) |
| Maternal Depression |  | .33(.15)\* |  | .49(.15)\*\* |
| Effortful Engagement |  | -.51(.12)\*\*\* |  | -.27(.16) |
| Maternal Depression x Gender |  | -.16(.21) |  | -.16(.21) |
| Effortful Engagement x Gender |  | -.25(.19) |  | -.25(.19) |
| Maternal Depression x Effortful Engagement |  | -.25(.11)\* |  | .26(.17) |
| Maternal Depression x Effortful Engagement x Gender |  | -.51(.20)\* |  | -.51(.20)\* |
| Slope |  |  |  |  |
| Intercept |  | .04(.06) |  | .01(.07) |
| Peer stress |  | -.02(.01)\* |  | -.02(.01)\* |
| Gender |  | .03(.07) |  | .03(.07) |
| Maternal Depression |  | -.02(.06) |  | -.04(.09) |
| Effortful Engagement |  | .06(.04) |  | -.01(.05) |
| Maternal Depression x Gender |  | .01(.11) |  | .01(.11) |
| Effortful Engagement x Gender |  | .07(.06) |  | .07(.06) |
| Maternal Depression x Effortful Engagement |  | .01(.04) |  | -.19(.07)\*\* |
| Maternal Depression x Effortful Engagement x Gender |  | .20(.08)\* |  | .20(.08)\* |
| **Involuntary Disengagement** |  |  |  |  |
| Intercept |  |  |  |  |
| Intercept |  | .43(.16)\*\*. |  | .29(.14)\* |
| Peer stress |  | .09(.03)\*\*\* |  | .09(.03)\*\*\* |
| Gender |  | .14(.17) |  | .14(.17) |
| Maternal Depression |  | .34(.14)\* |  | .48(.15)\*\* |
| Involuntary Disengagement |  | .51(.14)\*\*\* |  | .07(.17) |
| Maternal Depression x Gender |  | -.14(.20) |  | -.14(.20) |
| Involuntary Disengagement x Gender |  | .44(.21)\* |  | .44(.21)\* |
| Maternal Depression x Involuntary Disengagement |  | .36(.13)\*\* |  | -.34(.21) |
| Maternal Depression x Involuntary Disengagement x Gender |  | .70(.25)\*\* |  | .70(.25)\*\* |
| Slope |  |  |  |  |
| Intercept |  | .05(.06) |  | .02(.07) |
| Peer stress |  | -.03(.01)\* |  | -.03(.01)\* |
| Gender |  | .03(.07) |  | .03(.07) |
| Maternal Depression |  | -.04(.05) |  | -.02(.09) |
| Involuntary Disengagement |  | -.05(.04) |  | .11(.07) |
| Maternal Depression x Gender |  | -.02(.10) |  | -.02(.10) |
| Involuntary Disengagement x Gender |  | -.16(.07)\* |  | -.16(.07)\* |
| Maternal Depression x Involuntary Disengagement |  | -.06(.05) |  | .28(.11)\* |
| Maternal Depression x Involuntary Disengagement x Gender |  | -.34(.12)\*\* |  | -.34(.12)\*\* |

*Note. a*Gender was centered as girls = 0 in the models. bGender was centered as boys = 0 in the models. *\*p* < .05. *\*\*p* < .01. *\*\*\*p* < .001.

Table S.3

*Hierarchical Linear Models Predicting Youth Depression Adjusting for Peer Stress: Effortful Disengagement and Involuntary Engagement (n = 165)*

|  |  |
| --- | --- |
|  | Coef(SE)  Coef(SE) |
|
| **Effortful Disengagement** |  |
| Intercept |  |
| Intercept | .27(.11)\* |
| Peer stress | .11(.03)\*\*\* |
| Maternal Depression | .40(.13)\*\* |
| Effortful Disengagement | .22(.09)\* |
| Maternal Depression x Effortful Disengagement | .10(.13) |
| Slope |  |
| Intercept | .02(.05) |
| Peer stress | -.02(.01)\* |
| Maternal Depression | -.04(.06) |
| Effortful Disengagement | -.03(.03) |
| Maternal Depression x Effortful Disengagement | .00(.05) |
| **Involuntary Engagement** |  |
| Intercept |  |
| Intercept | .31(.12)\* |
| Peer stress | .10(.03)\*\*\* |
| Maternal Depression | .32(.13)\* |
| Involuntary Engagement | .26(.10)\* |
| Maternal Depression x Involuntary Engagement | -.06(.11) |
| Slope |  |
| Intercept | .02(.05) |
| Peer stress | -.02(.01)\* |
| Maternal Depression | -.03(.05) |
| Involuntary Engagement | -.03(.04) |
| Maternal Depression x Involuntary Engagement | .08(.04)\* |

*Note. \*p* < .05. *\*\*p* < .01. *\*\*\*p* < .001. For the models with effortful disengagement and involuntary engagement, results for the intercepts and slopes revealed nonsignificant Maternal Depression x Gender (bs = -.15 - .01, SEs = .05 - .14, *p*s = .17 - .87), Responses to Stress x Gender (bs = -.04 - .12, SEs = .03 -.11, *p*s = .20-.99, and Maternal Depression x Responses to Stress x Gender (bs = -.08 - .21, SEs = .04 - .13, *p*s= .07 - .41) interactions.

Table S.4

*Hierarchical Linear Models Predicting Youth Depression Adjusting for Income: Effortful Engagement and Involuntary Disengagement (n =160)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Girlsa |  | Boysb |
|  |  | Coef(SE) |  | Coef(SE) |
| **Effortful Engagement** |  |  |  |  |
| Intercept |  |  |  |  |
| Intercept |  | 1.05(.29)\*\* |  | .79(.25)\*\* |
| Income |  | -.06(.06) |  | -.06(.06) |
| Gender |  | .26(.18) |  | .26(.18) |
| Maternal Depression |  | .37(.16)\* |  | .56(.16)\*\* |
| Effortful Engagement |  | -.62(.12)\*\*\* |  | -.40(.16)\* |
| Maternal Depression x Gender |  | -.19(.23) |  | -.19(.23) |
| Effortful Engagement x Gender |  | -.22(.20) |  | -.22(.20) |
| Maternal Depression x Effortful Engagement |  | -.26(.12)\* |  | .24(.17) |
| Maternal Depression x Effortful Engagement x Gender |  | -.51(.21)\* |  | -.51(.21)\* |
| Slope |  |  |  |  |
| Intercept |  | -.06(.10) |  | -.06(.09) |
| Income |  | -.00(.02) |  | -.00(.02) |
| Gender |  | -.01(.07) |  | -.01(.07) |
| Maternal Depression |  | -.04(.06) |  | -.05(.10) |
| Effortful Engagement |  | .09(.04)\* |  | .03(.05) |
| Maternal Depression x Gender |  | .01(.12) |  | .01(.12) |
| Effortful Engagement x Gender |  | .06(.06) |  | .06(.06) |
| Maternal Depression x Effortful Engagement |  | .02(.05) |  | -.18(.07)\* |
| Maternal Depression x Effortful Engagement x Gender |  | .20(.09)\* |  | .20(.09)\* |
| **Involuntary Disengagement** |  |  |  |  |
| Intercept |  |  |  |  |
| Intercept |  | 1.10(.31)\*\* |  | .86(.26)\*\* |
| Income |  | -.07(.06) |  | -.07(.06) |
| Gender |  | .25(.18) |  | .25(.18) |
| Maternal Depression |  | .38(.14)\*\* |  | .54(.16)\*\* |
| Involuntary Disengagement |  | .62(.15)\*\*\* |  | .13(.17) |
| Maternal Depression x Gender |  | -.17(.22) |  | -.17(.22) |
| Involuntary Disengagement x Gender |  | .49(.23)\* |  | .49(.23)\* |
| Maternal Depression x Involuntary Disengagement |  | .38(.13)\*\* |  | -.28(.23) |
| Maternal Depression x Involuntary Disengagement x Gender |  | .66(.26)\* |  | .66(.26)\* |
| Slope |  |  |  |  |
| Intercept |  | -.09(.10) |  | -.07(.09) |
| Income |  | .00(.02) |  | .00(.02) |
| Gender |  | -.01(.07) |  | -.01(.07) |
| Maternal Depression |  | -.05(.05) |  | -.04(.09) |
| Involuntary Disengagement |  | -.08(.04)\* |  | .09(.07) |
| Maternal Depression x Gender |  | -.02(.11) |  | -.02(.11) |
| Involuntary Disengagement x Gender |  | -.17(.08)\* |  | -.17(.08)\* |
| Maternal Depression x Involuntary Disengagement |  | -.07(.05) |  | .26(.12)\* |
| Maternal Depression x Involuntary Disengagement x Gender |  | -.33(.13)\* |  | -.33(.13)\* |

*Note. a*Gender was centered as girls = 0 in the models. bGender was centered as boys = 0 in the models. *\*p* < .05. *\*\*p* < .01. *\*\*\*p* < .001.

Table S.5

*Hierarchical Linear Models Predicting Youth Depression Adjusting for Income: Effortful Disengagement and Involuntary Engagement (n = 160)*

|  |  |
| --- | --- |
|  | Coef(SE)  Coef(SE) |
|
| **Effortful Disengagement** |  |
| Intercept |  |
| Intercept | 1.05(.28)\*\*\* |
| Income | -.09(.06) |
| Maternal Depression | .46(.14)\*\* |
| Effortful Disengagement | .29(.08)\*\* |
| Maternal Depression x Effortful Disengagement | .10(.13) |
| Slope |  |
| Intercept | -.08(.08) |
| Income | .00(.02) |
| Maternal Depression | -.06(.06) |
| Effortful Disengagement | -.05(.03) |
| Maternal Depression x Effortful Disengagement | .01(.05) |
| **Involuntary Engagement** |  |
| Intercept |  |
| Intercept | .99(.26)\*\*\* |
| Income | -.08(.06) |
| Maternal Depression | .37(.14)\*\* |
| Involuntary Engagement | .39(.10\*\*\* |
| Maternal Depression x Involuntary Engagement | -.06(.11) |
| Slope |  |
| Intercept | -.09(.08) |
| Income | .01(.02) |
| Maternal Depression | -.05(.05) |
| Involuntary Engagement | -.06(.03) |
| Maternal Depression x Involuntary Engagement | .08(.04)\* |

*Note. \*p* < .05. *\*\*p* < .01. *\*\*\*p* < .001. For the models with effortful disengagement and involuntary engagement, results for the intercepts and slopes revealed nonsignificant Maternal Depression x Gender (bs = -.18 - .02, SEs = .06 - .16, *p*s = .14 - .93), Responses to Stress x Gender (bs = -.04 - .08, SEs = .03 - .11, *p*s = .20 - .64), and Maternal Depression x Responses to Stress x Gender (bs = -.07 - .22, SEs = .04 - .13, *p*s = .07 - .54, respectively) interactions.