How do genes get outside the skin? Mechanisms underlying Gene×Environment interactions in child externalizing problems

Weeland, J.

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Supplements
## Intervention Effects of Reported and Observed Child and Parent Behavior – Completers Only.

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<th>Observed externalizing behavior</th>
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Note: df = degrees of freedom; CFI = comparative fit index; RMSEA = root mean square error of approximation. As X² < df, the CFI is set to 1.0 and RSMEA to .001, which makes it sufficient to read off whether the p value is not significant. *p < .05; **p < .01; ***p < .001.
### SUPPLEMENT A

Table A.1 / Intervention Effects of Reported and Observed Child and Parent Behavior – Completers Only.

<table>
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<tr>
<th>Outcome</th>
<th>Intercept</th>
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<td>-.104 (.09)</td>
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Note: \(df\) = degrees of freedom; CFI = comparative fit index; RMSEA = root mean square error of approximation. As \(X^2 < df\), the CFI is set to 1.0 and RMSEA to .001, which makes it sufficient to read off whether the \(p\) value is not significant. *\(p < .05\); **\(p < .01\); ***\(p < .001\).
SUPPLEMENT B

Figure B.6: Random intercept cross lagged model for reported positive parenting ($\chi^2(N = 387, 3) = 3.84$ CFI = 1.00, TLI = .99, RMSEA = .03).

Indirect effect: $B = .003; SD = .024; p = .91; 91\% CI: -.037 - .043.$

Figure B.1 / Random intercept cross lagged model for parental negative affect ($\chi^2(N = 387, 3) = 7.21$ CFI = .99, TLI = .94, RMSEA = .06). Indirect effect: $B = .000; SD = .006; p = .99; 95\% CI: -.010 - .009.$

Figure B.2 / Random intercept cross lagged model for parental positive affect ($\chi^2(N = 387, 3) = 6.01$ CFI = 1.00, TLI = .96, RMSEA = .05). Indirect effect: $B = .006; SD = .017; p = .71; 95\% CI: -.020 - .033.$

Figure B.3 / Random intercept cross lagged model for observed negative parenting ($\chi^2(N = 387, 3) = 8.86$, CFI = .99, TLI = .92, RMSEA = .07). Indirect effect: $B = .008; SD = .013; p = .55; 95\% CI: -.008 – .035.$

Figure B.4 / Random intercept cross lagged model for observed positive parenting ($\chi^2(N = 387, 3) = 6.32$, CFI = 1.00, TLI = .97, RMSEA = .05). Indirect direct: $B = -.025; SD = .018; p = .18; 95\% CI: -.060 - .000.$
Figure B.1 / Random intercept cross lagged model for parental negative affect (\( \chi^2(N = 387, 3) = 7.21 \), CFI = .99, TLI = .94, RMSEA = .06). Indirect effect: \( \beta = .000; SD = .006; p = .99; 95\% CI: -.010 - .009. \)

Figure B.2 / Random intercept cross lagged model for parental positive affect (\( \chi^2(N = 387, 3) = 6.01 \), CFI = 1.00, TLI = .96, RMSEA = .05). Indirect effect: \( \beta = .006; SD = .017; p = .71; 95\% CI: -.020 - .033. \)

Figure B.3 / Random intercept cross lagged model for observed negative parenting (\( \chi^2(N = 387, 3) = 8.86 \), CFI = .99, TLI = .92, RMSEA = .07). Indirect effect: \( \beta = .008; SD = .013; p = .55; 95\% CI: -.008 – .035. \)

Figure B.4 / Random intercept cross lagged model for observed positive parenting (\( \chi^2(N = 387, 3) = 6.32 \), CFI = 1.00, TLI = .97, RMSEA = .05). Indirect direct: \( \beta = -.025; SD = .018; p = .18; 95\% CI: -.060 - .000. \)
Figure B.5 / Random intercept cross lagged model for reported negative parenting ($\chi^2(N = 387, 3) = 5.49$ CFI = 1.00, TLI = .97, RMSEA = .05). Indirect effect: $B = -.014; SD = .023; p = .55; 95\% CI: -.053 - .023$

Figure B.6 / Random intercept cross lagged model for reported positive parenting ($\chi^2(N = 387, 3) = 3.84$ CFI = 1.00, TLI = .99, RMSEA = .03). Indirect effect: $B = .003; SD = .024; p = .91; 91\% CI: -.037 - .043$. 
SUPPLEMENT C

Table C.1 / Multivariate Results Auxiliary Analyses Motor Reactivity to Condition Stimuli.

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<tr>
<th></th>
<th>Wilk’s Lambda</th>
<th>F</th>
<th>df</th>
<th>dfe</th>
<th>p</th>
<th>Partial η²</th>
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### Table C.1 / Multivariate Results Auxiliary Analyses Motor Reactivity to Condition Stimuli. (Continued)

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Table C.2 / Multivariate Results Auxiliary Analyses Affective Reactivity to Condition Stimuli.

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**Table C.2 / Multivariate Results Auxiliary Analyses Affective Reactivity to Condition Stimuli. (Continued)**

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