*Supplementary Materials*

Figure S1. Direct Model for Mother-Son Dyads.

*Note.* NCEA = negative cognitive and emotional alterations; M = Mother, S = Son; bootstrap 95%CI showed in the brackets; all parameters are standardized.

T1F intrusion

T1F hyperarousal

T1F avoidance

T1F NCEA

T2S intrusion

R2=.038

R2=.047

R2=.012

R2=.033

T2S hyperarousal

T2S avoidance

T2S NCEA

.01[-.54, .55]

.18[-.23, .57]

.06[-.65, .92]

-.08[-.48, .61]

.08[-.71, .68]

-.31[-.89, .34]

-.07[-.73, .53]

.21[-.20, .81]

-.24[-.77, .38]

.04[-.38, .59]

-.17[-.86, .36]

-.14[-.62, .29]

-.11[-.64, .29]

.07[-.56, .75]

.01[-.70, .49]

.89[.83, .93]

.77[.63, .86]

.84[.73, .92]

.85[.72, .92]

.85[.72, .94]

.86[.73, .94]

.76[.32, .93]

.71[.40, .87]

.81[.57, .93]

.76[.51, .88]

.71[.41, .88]

-.11[-.61, .63]

.70[.40, .87]

Figure S2. Direct Model for Father-Son Dyads.

*Note.* NCEA = negative cognitive and emotional alterations; F = Father, S = Son; bootstrap 95%CI showed in the brackets; all parameters are standardized.

T1F intrusion

T1F hyperarousal

T1F avoidance

T1F NCEA

T2D intrusion

R2=.101

R2=.028

R2=.042

R2=.080

T2D hyperarousal

T2D avoidance

T2D NCEA

-.08[-.65, .71]

.16[-.31, .91]

-.03[-.36, .52]

-.16[-.40, .22]

-.02[-.80, .68]

.34[-.13, 1.03]

-.01[-.72, .63]

.04[-.63, .87]

.24[-.20, .84]

.19[-.46, .73]

.05[-.49, .57]

.16[-.27, .80]

-.33[-.62, .05]

.12[-.68, .66]

.15[-.38, .72]

.68[.48, .83]

.84[.75, .91]

.79[.62, .89]

.70[.44, .85]

.68[.39, .85]

.91[.82, .95]

.75[.51, .85]

.57[.34, .74]

.87[.76, .93]

.62[.43, .74]

.62[.39, .77]

-.29[-.52, .05]

.73[.61, .82]

Figure S3. Direct Model for Father-Daughter Dyads.

*Note.* NCEA = negative cognitive and emotional alterations; F = Father, D = Daughter; bootstrap 95%CI showed in the brackets; all parameters are standardized.