

Supplemental Material: Online Resource 2

Mother-daughter mutual arousal escalation and emotion regulation in adolescence

Research on Child and Adolescent Psychopathology

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Online Resource 2: Descriptive analyses

A series of figures were generated in R using *ggplot2* (Wickham, 2016) to visualize variability and dyadic patterns of arousal during the conflict discussion task. Figure 1 illustrates variability in SCL grouped by parents and adolescents. Overall, the figure indicates considerable within-person variability; further, loess-smoothed regression lines indicated that adolescents did not increase or decrease on average throughout the task, whereas parents exhibited a small decrease in arousal over the course of the task. Figure 2 depicts dyadic patterns of arousal for a subset of dyads. Substantial variability in dyadic patterns of arousal escalation is apparent; some dyads decreased in concert throughout the task whereas others mutually increased, and some dyads appeared to move in opposite directions.

References

Wickham, H. (2016). *ggplot2: Elegant Graphics for Data Analysis*. *ggplot2: Elegant Graphics for Data Analysis*. New York: Springer-Verlag.

Figure 1. Variability in SCL by mothers and adolescents

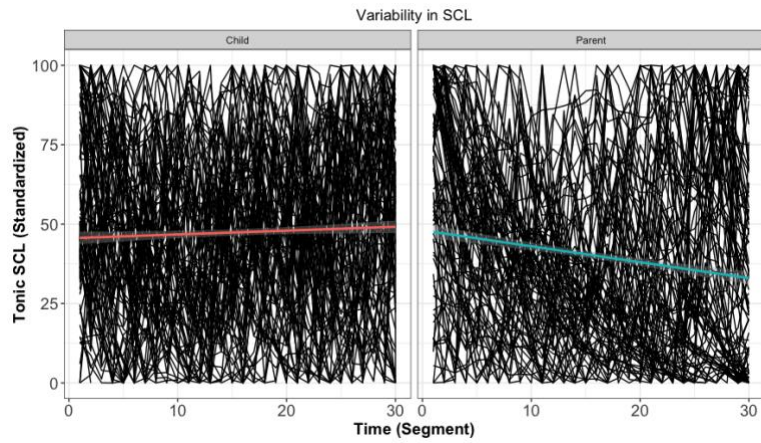


Figure 2. Dyadic variability in SCL with lines of best fit

