

WORKSHOP



Department of
Developmental
Psychology



Center for Lifespan
Developmental Science

presented by

Prof. Dr. Meaghan A. Barlow & Dr. Raquael Joiner

DUAL-INTERCEPT MODELS USING R

Monday, June 26th, 2023, 3.30 p.m.–7.30 p.m.

& Wednesday, June 28th, 2023, 3.30 p.m.–7.30 p.m.

via Zoom, Meeting ID: 674 5375 9425, Kenncode: 202 306

Abstract

Dyadic data analysis is commonly used by family, social, and developmental psychologists to better understand how relationships influence health and well-being outcomes. This two-session workshop will focus on the application of the Actor Partner Interdependence Model (APIM) to longitudinal dyadic data from distinguishable dyads. We will begin by discussing the application of growth curve models to dyadic data, and we will extend this model to consider within-dyad effects (i.e., actor and partner time-varying covariates) and potential between-dyad moderating effects. For each component, we will cover the substantive rationale and interpretations behind the models, the R code to conduct the analyses, and options for plotting these models in R. R code and practice data will be provided prior to the workshop, but individuals will be encouraged to apply the knowledge and skills acquired to any longitudinal dyadic data they may have between the sessions. Instructors will be available for consultation. It is expected that participants will have some familiarity with multilevel modeling and R. After completion of this seminar, you will be able to analyze, visualize, and interpret the results from the presented longitudinal dyadic data analyses for distinguishable dyads.

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Organized by Dr. Antje Rauers, Dr. Andrea Schlesier-Michel, and M.Sc. Carlotta Hilligloh.**

For questions regarding this workshop, refer to Dr. Antje Rauers (antje.rauers@uni-jena.de).



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