**Assignment 1: Longitudinal Descriptives & Plots**

(Own Data)

This assignment is intended to introduce you to some basic functions for longitudinal data analysis. The skills required to complete this assignment will be required to complete all subsequent assignments (and when analyzing any new longitudinal data).

Skill 1: Reading in raw data (Getting the data into the program)

Skill 2: Describing the contents of longitudinal data

Skill 3: Manipulating data

Skill 4: Plotting longitudinal data

**Assignment**

1. Prepare 1 or 2 paragraphs of text that provide a brief description and summary of the data (e.g., participants, variables, occasions, summary of sample statistics).
2. Select 1 to 2 time-varying variables
3. Create an accompanying Table of Summary Statistics (means, SDs, skewness, kurtosis, correlations)
4. Create an accompanying Figure/Plot of the Raw Data
5. Include the code you used to complete the assignment.

\*\*Prepare the text, tables, and figures in a format that conforms to APA style. It may be useful to consult the APA Publication Manual. The objective is to have a basic framework in place that can be used for future assignments (and hopefully publications).

**Please upload your completed assignment to Canvas by the beginning of class in Week 3.**