Lab

Practice with within-person data analysis

The goal of this assignment is to learn more about within-person analysis of psychological data. You'll be working with some of Fraley's data and analyzing it in the same fashion that you'll use to analyze your own data for your ideographic project.

The data sets of interest are available for download as comma-delimited text files on the class web page.

mood.txt

coffee.txt

weight.txt

1. Import each data set into Excel or SPSS. Name them and save them.

2. Find the within-person means and standard deviations for (a) stress (from the mood module), (b) coffee consumption (1 = not drinking coffee, 2 = drinking coffee), and (c) weight.

Because coffee consumption was measured in a no(1)/yes(2) fashion, also express it as a percentage. Namely, what percentage of the time was Fraley drinking coffee when answering the survey questions?

3. Create plots that illustrate how each variable changes across time. Do you see any obvious trends? (Example: Is Fraley's weight increasing or decreasing over time?)

4. Examine the correlations among (a) stress, (b) sleepiness, (c) coffee consumption, and (d) weight.