Guidelines for Data Assignments for Factor Analysis (Fall 2019)

This is a brief guideline of what Andrew, Chris, and Han generally expect from your data assignment for PSYCH 315F Factor Analysis. Depending on the context of the assignment, other specific requirements may be provided with the assignment instructions. In general, the write-up will be a “Result & Discussion” type paper in APA style.

* **Results**
  + Briefly describe the data in statistical language.
  + Include relevant steps for the analysis:
    - Check for assumptions (those that are unique to factor analysis)
    - Describe your analysis **with corresponding statistics**
    - Describe any other analyses asked in the DA prompt
  + **Attach output to your assignment** (as an appendix)
* **Discussion**
  + What do your data mean theoretically (as it relates to the prompt in the DA)?
  + How do your statistical analyses support your theoretical interpretations?
* **Tables, Figures**
  + Create tables and figures in APA format (with one exception, as is described below)
    - Refer to the APA manual
    - Beware that the default tables produced in most R functions **are not in APA style.**
    - Instead of attaching the tables and figures in separate pages after your write-up, **please embed them at the relevant points in your write-up**.