# Instructions

The dataset does allow fitting a five factor model to 25 items.

But for simplicity, try fitting a three factor model using items N1, N2, N3, E1, E2, E3, and O1, O2 and O3 try to fit a three factor model (i.e., neuroticism, extraversion, and openness).

Interpret the parameters and examine model fit.

For greater challenge fit the following models and compare the results.

1. Fit the following models

(a) one factor model

(b) three factor model with uncorrelated factors

(c) three factor model with all factors inter-correlated

(d) data driven model where you take one of the existing models and add some reasonable modifications to improve the fit (add a justification based on theory and modification indices for this model)

2. Create a table with the model fits for each model (i.e., rows are models, columns are fit statistics): include at least chi-square, df, RMSEA, SRMR, and CFI.

Component files:

* Zip file ProjectTemplate folder structure
* https://github.com/jeromyanglim/AnglimModifiedProjectTemplate/archive/master.zip
* bfi-data-description.rtf: a description of the data
* bfi-personality-meta-data.xlsx: a more tabular representation of the data
* bfi.sav the data file in SPSS format