For this exercise, you'll need the hw7data.csv file from the last two homework assignments.

- 1. Draw a path model based on the factor structure you confirmed in the last homework. You should have 3 factors and no cross-loadings. Be sure to write down the estimates for (1) the factor loadings, (2) the factor covariances, and (3) the residual variances.
- 2. Using the SEM module in JASP, compute modification indices and list the top 5 modifications (along with their MI values) that could be performed.
- 3. Choose ONE modification and build a new model (Model 2) incorporating that modification. Draw a path model for Model 2, and write down the BIC values for both models (Model 1 and Model 2)?
- 4. Does Model 2 fit better than Model 1? If so, by how much? Compute and interpret a Bayes factor to express this relative model fit.