

Exercise 4

- A. Using the seed suggested in the output from Exercise 2, add a grouping variable for year to the model fit in Exercise 1. Do not impose measurement invariance across groups (i.e., fit an unrestricted latent class model with multiple groups).
- B. Impose measurement invariance across groups on the model fit in (A).
 - i. Test whether measurement invariance holds across groups. Report the test statistic, df , and p -value for the test. What do you conclude?
 - ii. Interpret all parameters in the appropriate model.