Day 2 Optional Homework

1. Estimate the APIM indistinguishable in which attachment avoidance (Avoid_A and Avoid_P), both actor and partner, predicts relationship satisfaction. Interpret the actor and partner effects, as well as their effect sizes and the intraclass correlation. Compute and interpret the R squared.

2. Repeat the above analysis but treat dyad members as distinguishable. Interpret the two actor and partner effects, as well as their effect sizes, and determine if there is any evidence that they vary by gender. Compute and interpret the R squared separately for men and women.

3. Test to see whether dyad members are indistinguishable. Interpret your results.

4. Treating dyad members in indistinguishable and so ignore gender, test if the actor and partner effects of attachment avoidance interact using both a product term and a discrepancy score. Interpret both sets of results, even if they are not statistically significant.