

Day 4 SEM Optional Homework

1. Estimate the APIM using SEM with Avoidant Attachment predicting Satisfaction, controlling for Length of Relationship treating dyad members as distinguishable. Interpret the results from your model as well as its fit.
2. Estimate a Confirmatory Factor Analysis Model using the Acitelli data with the same indicators of Closeness Other Positivity, Satisfaction, and Tension, but add in a covariate of length of marriage (yearsmar). First estimate the configural model and then the dyadic model. Comment on the estimates, especially the effect of the covariate and the fit of the model. Can you explain how it is that the covariate, although it has little or no effect on Closeness, has an adverse effect on the fit of the model (relative to the model without the covariate)?