PSY 315H: Structural Equation Modeling

Fall 2019 (Andrew Conway)

DA 2

The Multidimensional Scale of Perceived Social Support (Zimet, Dahlem, Zimet, & Farley, 1988) is a self-report measure of how much respondents feel that their family, friends, and significant others are available to provide emotional support and other resources when needed. This 7-point Likert scale includes 12 items such as, “There is a special person who is around when I am in need” and “My friends really try to help me.” Respondents (N = 403) rated their disagreement or agreement with each item from 1 (Strongly Disagree) to 7 (Strongly Agree).

Your task is to determine whether a person views perceived social support holistically or whether perceived social support varies based on whether respondents are evaluating the support that comes from their family, friends, or partner.

The file name is Psy315HCFADA.csv or Psy315HCFADA.sav and the variable names are:

PSS1.1 to PSS1.4 (Family)

PSS2.1 to PSS2.4 (Friends)

PSS3.1 to PSS3.4 (Partner)

For this assignment, you will compare two theoretical factor structure and two estimation procedures. In total, you will create and analyze the following models:

1. Model 1 = One-factor model, Maximum Likelihood Extraction
2. Model 2 = One-factor model, Weighted Least Squares Extraction
3. Model 3 = Three-factor model, ML Extraction
4. Model 4 = Three-factor model, WLS Extraction.

Write up the results and generate a discussion of this information. Include relevant output in an attached document. Include a figure for your preferred model. Submit all documents by the posted deadline.