

PSYC 948: Latent Trait Measurement and Structural Equation Modeling

Homework #4 (Total 10 Points)

Due: Wednesday, February 20, 2013 at 11:59pm.

Homework Problems:

The homework questions and analyses are based on the following paper available in dropbox under Readings for Week 5:

Lesieur, H. R. & Bloom, S. B. (1987). The South Oaks Gambling Screen (SOGS): A new instrument for the identification of pathological gamblers. *American Journal of Psychiatry*, 144, 1184-1188.

Using the article above, please answer questions 1-4:

1. What is the construct map for the items of the SOGS? Make sure to provide examples of an ordering of both persons AND items/item responses in your answer. (2 points)
2. Explain what is meant by “reliability” and “validity” as they relate to the psychometric evaluation of the instrument described in the paper? How are they related to each other, and how can the goal of achieving one of them hinder the other? (2 points)
3. Which items appear to measure your construct (without being redundant)? Any items appear topically discrepant, too specific, or otherwise problematic? (2 points)
4. Are there any items that appear ambiguous (i.e., people with other problems besides gambling might endorse them, too) or have other problems with their wording? (2 points)
5. Using your data, describe a construct you are seeking to measure. Repeat questions 1-4 for your data, listing the items of the scale along with your answers. (2 points)

Submission Instructions:

All homework and final answers must be your own and not be copied or paraphrased from anyone else's answers. Homework must be submitted via email (jtemplin@unl.edu) in the form of Microsoft Word document with the name: 948_FirstLast_HW#.docx. Late homework will have a penalty of 10% per calendar day.