**Research Article Review 2**

The purpose of the research article review is for you to demonstrate what you have learned in the course. By the end of the semester, you will have completed a detailed article review. The second article review will generally look at the methods section of a published article. A journal article will be assigned, and you will be asked to respond to several questions (below). You will want to read the abstract and the hypothesis section of the introduction to gain an understanding of the research question before reading the methods section. Use what you have learned in your readings and in class to answer the questions. The due date for the article review is July 6th by the end of the day.

1. Describe the abstract population in the study.

2. Identify the participant demographics included in the article?

a. What, if any, relevant demographics are missing giving the research question? How might these missing demographics further inform the research question?

3. What are the inclusion and exclusion criteria identified by the authors?

4. Based on the methods section only and what we have learned about sample size, what factors do the authors mention that may affect the minimum sample size needed to detected relationships among the variables?

5. What are the non-response and/or attrition rates for the study?

a. If these rates are present, how might the non-respondents differ from those who completed the study?

b. How might those differences be related to the research question?

6. Describe the sampling method for the participants.

7. Identify if ethical standards were met, consent obtained, and if incentives were specified.

8. Identify a dependent variable in the study. Is the variable nominal, ordinal, interval or ratio? Briefly explain how it was measured.

9. Identify an independent variable in the study. Is the variable nominal, ordinal, interval or ratio? Briefly explain how it was measured.

10. Identify the measures of reliability. Explain if they are adequate.

a. If relevant, what are the corresponding measures of validity.

b. If a Cronbach’s alpha is included, explain if the alpha is poor, adequate, good or excellent.

i. How many items are there?

ii. What is the response scale length and anchor examples?

iii. What is the corresponding inter-item correlation (calculate if necessary)? Is it poor, adequate, good or excellent?

11. Describe any adjustments to existing measures. Explain if the adjustments generally helped or hurt the design.

12. Explain how the procedures for the study give you a good sense of how the data was collected.

13. How were the data analyzed? Given the number of variables and the type of variables (nominal, ordinal, scale), explain if the data analysis is best.

14. Provide an overall evaluation for the method section.