Find an article that describes a quantitative empirical study relevant to your thesis or proposal. Include an APA style citation of the article below and upload pdf of the article. You do not need to cite the article in your responses, but if you use sources outside of the article, they should be cited properly. If it’s a multi-study article, answer the questions for the most complicated study.

1. What was the purpose of the article? How does it fit into previous literature?

2. What was/were the research question(s) or hypotheses?

3. What is the research design (be specific; type of study, levels, etc.)?

4. How were the variables operationalized or measured (mention for IVs, DVs, mediators, and moderators)?

5. Are the measures reliable and valid? What evidence do you have of that (list for each measure)?

6. Was the sample representative of the population of interest? How much does that matter for this study? Why?

7. Was there sufficient power to obtain significant results? Include details on your power analysis (do a post hoc one here, even though you wouldn’t do that for your own research). You don’t have to use g-power—you can use the Cohen tables. But either way, make sure all the inputs/choices you used are clear.

8. What types of statistical analyses were done? Do they match the research questions/hypotheses? Are there any concerns related to these analyses? Did they report everything that they should have?

9. What were the main results? (in statistical terms—e.g., main effects and interactions—and in words)

10. Are there any alternative explanations for the results (e.g., confounds)? Does the author deal with those in the discussion? Do you “buy” her explanation? Comment on alternative explanations and the author’s handling of them.

11. Give at least 2 strengths of the article and at least 2 weaknesses or concerns you would have as a reviewer. For the concerns, are there ways that the authors could or did fix or address them?