# NOTES for next time:

​​Eventually, I think I want to make this lab self-grading. Because I ran out of time, I had them pick their own journal articles in Fall 2021. Then, I asked them to tell me what kind of study design it was and what their analytic goal was: description, prediction, explanation. You can probably use the papers and responses they turn in as questions next semester.

Ideas:

* Figure out study design from abstracts
* Basic statistics review
* Difference between describe, predict, and explain
* Population types and samples

# Instructions

Please complete the following lab assignment. You may work on the assignment in groups or on your own. However, to get credit, you must submit your own answers in Canvas. This lab is open note and open book. You may also ask the instructor and the TA questions. Please note that in most cases we will try to guide you towards answering your own question rather than directly providing you with an answer.

# Background

We are working on…

We need you to...

**Task 1.** With your group, please select any peer-reviewed journal article that you find interesting. Please read through the article paying special attention to the study design and analysis plan.

**Question**

**1.** Please copy and paste a link to the article you chose below.

**2.** Please describe the study methods used in the article you selected. What study design do these methods most closely align with and why? Your response should be approximately a paragraph.

**3.** Please describe the basic goals of the study you selected. Were the author’s goals primarily descriptive, predictive, or explanatory? Please explain your answer. Your response should be approximately a paragraph.

# Feedback

**Optional**: Please feel free to leave any comments below about the usefulness of this lab. Which parts were helpful? What could I do to improve it? What is still unclear?