

**PAD 6250**  
**Personal Data Project**

*Data Lab 4: Observational Study Results*

In this lab, you will complete an observational study using your personal data and briefly write up the results. You will make predictions about the relationships you'll examine, then test those relationships appropriately and write up the findings. (Hint: How do you know what's an appropriate test?)

First, update your SPSS dataset with the most recent data you've collected. Adding in more data will increase the sample size and make it easier to see real patterns. In real life, more data than you've collected would be better.

In the first section, briefly explain your hypotheses. Give your predictions about the direction of the relationships you're testing. Which ones do you think will be stronger/weaker?

In the next section, briefly describe the results. Write the results clearly enough so that my grandmother (or any other lay person) could understand them. Talk about both direction and strength in the ways I've taught you. You can include any tables in the body that are helpful in telling the story; otherwise, you can paste them at the end of the document in the appendix. Graphs aren't required but you can add any that you think are helpful.

Finally, briefly reflect on your results. Were your predictions correct? If not, don't worry! Whether they're right or wrong, you still learned something. Do you have any reasons to think that the relationships you saw were not really causal ones?