

Stat 218 Project Description

As part of Stat 218, you will be learning about the process of statistical investigation. Stat 218 is all about hands-on activities, and so you will have the opportunity to participate in actual scientific research this semester. You will also be reflecting on the scientific process and how scientific results are presented to different audiences.

While this set of activities and reflections is structured as a research study, you do not have to participate in the study as part of this class.

- If you choose to participate in this study by sharing your data with the researchers, you will help us understand how people read statistical graphics, and how Stat 218 students relate class content to real-world experiments. Your instructor will assign an ID code to your responses at the end of the semester (before they are included in the study data) in order to guarantee that your responses cannot be traced back to you. The researchers conducting this study will never have access to any identifying information about you.
- If you choose not to participate in the research study, you will still need to complete the reflections and activities, but your responses will not be used outside of this class.

Your instructor may grade the content of your responses as part of Stat 218, but these numerical grades will not be included in any data provided to researchers.

This project will involve the following assignments:

- **Deciding whether to participate in the research study**
(<https://canvas.unl.edu/courses/111970/assignments/1462665>) (15 minutes)
- **Reflecting on how Science happens**
(<https://canvas.unl.edu/courses/111970/assignments/1462673>) (15 minutes)
- Evaluating statistical graphics (20 minutes)
 - This is part of a separate research study; if you are willing to participate in this study you will provide informed consent separately.
 - After completing the tasks, you will be given a study completion code that you can **paste into Canvas** (<https://canvas.unl.edu/courses/111970/assignments/1462675>) to get credit for completing the experiment.
- **Reflecting on experimental participation**
(<https://canvas.unl.edu/courses/111970/assignments/1462670>) (20 minutes)
- **Reading a short article about the graphics research study and reflecting on the information in that article** (<https://canvas.unl.edu/courses/111970/assignments/1462673>) compared to your experience participating in the research tasks. (30 minutes)

- Watching a presentation about the results of the graphics research study and reflecting on the information presented (<https://canvas.unl.edu/courses/111970/assignments/1462681>)
compared to the article and your experience. (45 mintues)