

Informed Consent

⚠ This is a preview of the published version of the quiz

Started: Feb 23 at 5:32pm

Quiz Instructions

IRB Project ID #: 22579

Study Title: Exploration of Statistical Graphics and Experiential Learning

The purpose of this research is to help emphasize the connection between statistics and scientific research and to help connect the material taught in Stat 218 to current scientific investigations in statistics. If you are a Stat 218 student, you may participate in this research.

Participation in this study will occur over several sessions during the semester and should require less than 2.5 hours of your time in total. You will provide separate informed consent for the Graphics study portion of this larger research study.

Session	Location	Time Required
Initial reflection	Canvas	15 minutes
Graphics Experiment	LPH 208 or Hardin 349 during office hours	20 minutes
Post-experiment reflection	Canvas	20 minutes
Extended abstract reflection	Canvas	30 minutes (including reading the abstract)
Presentation reflection	Canvas	45 minutes (including watching the presentation)

There are no risks to participation in this research outside of those risks encountered during normal coursework.

You may benefit from participating in this research by seeing how the material taught in Stat 218 applies to scientific experiments. Outside of the experiential learning component, there are no additional benefits to you for participation in this study.

Society may benefit by understanding how people read and use statistical graphics, which will help scientists communicate better with the general public. In addition, by understanding how introductory

statistics students apply concepts from class to real-life experiences, statistics instructors may be able to make courses more interesting and applicable to students.

Data Privacy Reasonable steps will be taken to protect the privacy and the confidentiality of your study data; however, in some circumstances we cannot guarantee absolute privacy and/or confidentiality.

This study includes two separate sources of data which will be handled differently:

- Canvas responses:

Your responses on Canvas will be stored electronically. If you agree to participate in this study, your instructor will remove your name and any other identifying information before providing your responses to researchers. If you do not agree to participate in this study, your instructor will remove your responses from the data set before providing any data to researchers. The university will maintain your Canvas submissions according to university retention policies.

- Graphics experiment responses:

Your responses to the graphics experiment will be stored in de-identified form and will not be able to be traced back to you. At the end of the experiment, we will provide you with a participation code which will allow you to prove that you participated in the experiment; this code should be submitted on Canvas. This code will not be associated with any responses you provide to the survey itself.

De-identified data (graphics experiment responses and data your instructor shares with researchers) will be stored and maintained in accordance with university policies for low-risk data.

Data Sharing and Publication

Data from this experiment may be published in order to ensure the reproducibility of any analyses performed as part of this research. The researchers will never have access to any identifiable information. The only people who will be able to link your responses to you are your instructor and any graders for the course, and they will have access to that data because it is submitted as coursework, and not as part of this broader research project.

If you have question about this project, you may contact Dr. Susan Vanderplas at

[susan.vanderplas@unl.edu \(mailto:susan.vanderplas@unl.edu?subject=Stat%20218%20Study%20Questions\)](mailto:susan.vanderplas@unl.edu?subject=Stat%20218%20Study%20Questions).

If you have questions about your rights or complaints about the research, contact the UNL Institutional Review Board (IRB) at (402) 472-6965 or irb@unl.edu.

Deciding to Participate (or Not)

- If you do NOT want to participate in this research study, select "I do not agree" below.

You will still need to complete any reflections as part of Stat 218, however, your instructor will remove

your responses before providing them to the researchers conducting this study.

- If you do want to participate in this research study, select "I agree" below.

If you change your mind during the semester, let your instructor know so that they can remove your responses from the data provided to the researchers. Once the semester is completed, because the researchers do not have a way to identify your responses as belonging to you, it will be much more difficult to remove your data from the study.

You can decide not to be in this research study, or you can withdraw at any time before, during, or after the research begins for any reason. Deciding not to be in this research study or deciding to withdraw will not affect your relationship with the investigator, the University of Nebraska-Lincoln, or your Stat 218 instructor. You will not lose any benefits to which you are entitled.

You are voluntarily making a decision whether or not to participate in this research study. By clicking on the I Agree button below, your consent to participate is implied. You should print or save a copy of this page for your records.

Note that the questions below are graded on completion, not correctness.



Question 1

1 pts

My instructor may share my reflection responses with the researchers in this study

☐ I agree

☐ I do not agree



Question 2

1 pts

As of today, I am at least 19 years of age

☐ True

☐ False

Not saved

Submit Quiz