

Informed Consent

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

Started: Mar 25 at 10:35am

Quiz Instructions

IRB Project ID #: 22579

Study Title: Exploration of Statistical Graphics and Experiential Learning

Goal: The purpose of this research is to examine the effectiveness of including experiential learning in introductory statistics classes.

Who can participate: If you are a Stat 218 student, you may participate in this research study. Whether or not you participate in the research study, you will complete the assignments described here as part of Stat 218 coursework. You do not have to allow your responses to be used in the research study in order to participate in this class or to get full credit for the assignments.

This document describes how your coursework will be used as **research**, if you decide to participate.

Time required:

Participating in the research study will not require any additional time beyond what is required to complete your Stat 218 assignments.

There will be several assignments during the semester; these assignments should require less than 2.5 hours of your time in total.

Each session of this study will be a separate Canvas assignment, and, with the exception of the graphics experiment, all assignments will be completed online.

In general, these reflections will ask you to think about the scientific process and relate your participation in the graphics experiment to material you are learning in Stat 218. You may obtain additional information about the content of the reflections by contacting your instructor.

Session	Location	Estimated 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)
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Risks and Benefits

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

There are no direct benefits to you for participating in this research study, though we expect you will benefit from the inclusion of experiential learning in Stat 218 as well as from reflecting on the scientific process. These benefits will be yours regardless of whether you allow us to use your reflections to assess the effectiveness of this set of assignments.

Society may benefit from this study because 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 the study data; however, in some circumstances we cannot guarantee absolute privacy and/or confidentiality.

Your responses on Canvas will be stored electronically. The university will maintain your Canvas submissions according to university retention policies.

Your responses on Canvas will only become research data once your instructor assembles all responses and provides them to the researchers. Before providing your responses to researchers, your instructor will remove your name and any other identifying information. If you decline to participate in the research study, your instructor will remove your responses from the data before it is provided to the researchers.

De-identified data will be stored and maintained in accordance with university policies for low-risk data. Research records will be retained for at least 3 years beyond the closure of the study and will be stored on university servers.

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 that could be connected back to you. 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 the broader research project.

If you have question about this research study, 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 \(mailto:irb@unl.edu\)](mailto: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 any data from your section 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