

G1 - Overview

HCI/PSYCH 522
Iowa State University

March 1, 2022

Overview

1. Group Members (individual)
2. Research Question
3. Annotated Bibliography (individual)
4. Introduction
5. Methods
6. Results
7. Discussion
8. Presentation
9. Project Reflection (individual)
10. Peer Review (individual)

Group Members

Goal: Assign groups

For the most part this is set, but there are a few tweaks occurring.

Research Question

Goal: Decide on what question you want to and can address.

As a group, decide on what research question you want to address. The question should be

- specific,
- answerable using quantitative data, and
- answerable in the time frame available.

You can list a few questions and we can give you feedback.

Annotated bibliography

Goal: Understand how to read and summarize the primary literature

You will

1. find a research article relevant to your research,
2. summarize the article in a paragraph, and
3. submit the citation and the paragraph.

Introduction (Literature Review)

Goal: Summarize your groups understanding of the primary literature

Submit a one-page summary with references of the literature relevant to your research question.

Methods

Goal: Describe your research plan.

A step-by-step guide on how to conduct your research study:

- Sampling
- Design
- Procedure
- Analysis

Results

Goal: Analyze and interpret your data

Analyze your data and interpret them relative to your research question and your data collection procedure.

- Data analysis
 - Comparing probabilities
 - Comparing means
 - Regression
- Inference
 - Inference to a population?
 - Causal inference?

Discussion

Goal: Provide context for your research study

Perform the following:

- Summarize your study and what you found
- Explain how this fits within the existing literature
- Explain the limitations of your study
- Describe what you would do next time

Presentation

Record a virtual presentation about your research. Use the same basic format as the report:

- Introduction
- Methods
- Results
- Conclusion

Limit the recording to 10-15 minutes.

Peer review

Goal: Quantitatively and qualitatively assess your group mates

You will

- Rate group mates on their effort and contribution
- Provide positive feedback on what was done well
- Provide constructive feedback on what could be improved

Timeline

Deliverable	Due Date
Group Members (individual)	2022-02-25
Research Question	2022-03-04
Annotated Bibliography (individual)	2022-03-11
Introduction	2022-03-25
Methods	2022-04-01
Data collection (not turned in)	2022-04-15
Results	2022-04-22
Discussion	2022-04-29
Presentation	2022-05-12
Project Reflection (individual)	2022-05-12
Peer Review (individual)	2022-05-12