



Week 8 Overview

Undergraduate Research Methods in Psychology

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1 Last Week Review

- We took a midterm exam covering weeks 1 through 6 worth of content, all the way from foundational principles in psychological research, to ethics and construct validity!
- We began navigating how to perform “good” sampling and how that contributes to overall generalizability/external validity of studies
- We discussed some common probabilistic sampling techniques that lend to gathering a representative and unbiased sample that is a good approximation of our population. We also highlighted the inverse: non-probabilistic sampling techniques that lower the external validity of studies.
- We pondered the complicated balance of implementing good sampling into study designs, and when it is the most important.

2 Learning Objective(s)

- Explain that measured variables - not any particular statistic - make a study correlational.
- Interrogate the construct validity and statistical validity (and, of lower priority, external validity) of an association claim.
- Explain why a correlational study can support an association claim, but not a causal claim.
- Be able to understand the defining characteristics of a correlational, bivariate research design
- Be able to use appropriate vocabulary and logic used in describing and assessing bivariate designs

3 Lecture(s) & Participation

- ☐ Week 8 Class Meeting on Monday, Feb 24 at 6:00pm EST
 - ☐ **Week 8 Lecture and notes** on bivariate correlative research
 - ☐ Student confidence survey due Monday, Feb 24 at 9:00pm EST in class
 - ☐ **Week 8 Activity on Introduction Planning** due Monday, Feb 24 at 9:00pm EST in class
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4 Reading(s)

- *No readings this week!*

5 Homework & Assignment(s) Due

☐ **Research Proposal Introduction Outline** due on Sunday, Mar 9 at 11:59pm EST on Blackboard (look at research proposal instructions document for more details)

6 Assessments

☐ **Quiz 7** due Monday, Feb 24 at 9:00pm EST in class

7 Looking Ahead

- Enjoy Spring Break and try to unwind from the first half of our time together. Use your energy from that to rally for the second half!
 - There is no additional content to attend to during break other than what is assigned this week. Please see above for relevant deadlines.
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