



# PSY 252: Statistics

Week 1: Introduction to Statistics



# Learning Objectives

- (1) Identify quantitative data for statistical analyses.
- (2) Choose appropriate statistical analyses to test research hypotheses.
- (3) Apply statistical tests to answer basic research questions.
- (4) Use JASP software to conduct basic statistical tests.
- (5) Interpret and write common statistical reports.

# Overview of this week

- Types of Statistics

- Descriptive vs. Inferential
- Populations vs. Samples

- Types of Data

- Continuous vs. Discrete
- Qualitative vs. Quantitative
- Scales of Measurement (see Appendix)
- Experimental variables

- Statistical Notation