



Intro to Stats

Other tests

Multivariate ANOVA

- More than one dependent variable/ outcome
 - Often variables are related
 - Need a procedure to estimate simultaneously

Repeated measures ANOVA

- ▶ One factor on which participants are tested more than once

Analysis of Covariance

- ▶ Can equalize initial differences among groups by including a covariate
- ▶ Helps improve power by reducing problems with random assignment

Multiple regression

- ▶ Can include more than one predictor of an outcome

Factor analysis

- ▶ How well items “hang” together and form clusters (factors)
- ▶ Represent factors that are related to one another by a more general construct

Structural Equation Modeling

- ▶ Develop a theoretical model of relationships, then test that model against data to see how well it “fits”

Meta-analysis

- ▶ Find all published studies that examine a particular relationship, then pull out and combine effects from all studies