Evaluating Independence

Independence is about **observations** and relationships between observations.

## Independence Within Groups

* What are the groups in your analysis?
* Are the observations *within* those groups related?
  + Is an observation included multiple times within a group?
  + Are there relationships (e.g., biological, spatial, temporal) between the observations?

## Independence Between Groups

* What are the groups in your analysis?
* Are the observations *between* those groups related?
  + Can an observation appear in more than one group?

Things that cannot go in your project!

* Statements of hypotheses (e.g., or )
* Statements that say your condition has been “met” 😡
  + If you have no evidence that the condition is violated, simply state so.
* The s-word (significance) 😱
  + Provide a more descriptive summary of your findings!
* Long paragraphs!
  + Break into smaller 3-4 sentence paragraphs surrounding the same topic.
* The same sentence / idea written in multiple sections. 🙃