My response variable is:

- CATEGORICAL
- CONTINUOUS

My number of explanatory variables is:

- 1 variable
- 2 or more variables

For 1 variable:
- CATEGORICAL:
  - Chi-square test of independence
- CONTINUOUS:
  - t-test

For 2 or more variables:
- CATEGORICAL
  - Both categorical
  - One is continuous and one is categorical
- CONTINUOUS
  - 2-way ANOVA

Relationship has:
- No causation
- Causation

C. Woods, modified from S. Weiss Fall 2015

Response variable

Explanatory variable