

Correlation and Linear regression

Relationships between variables

- Scatterplots
- Explanatory and response variables
- Interpreting scatterplots
- Outliers
- Categorical variables in scatterplots

Examining Relationships

Most statistical studies involve more than one variable.

Questions:

- What individuals do the data describe?
- What variables are present and how are they measured?
- Are all of the variables quantitative?
- Do some of the variables explain or even cause changes in other variables?