

# Lab 2

## Stat 426

2021

### Instructions

Complete all questions. To prepare for the randomly collected lab, follow the instructions on the class website to prepare the work for submission. These submission rules will apply to all labs throughout the semester.

### Data input and output

- (1) Read in dataset `tsunami.csv` (either save it to your computer and read it in from the computer address or the website address in a DATA step). Graphically explore the relationship between `Magnitude` and `Avgslip`.
- (2) Separate out only the earthquakes that did produce tsunamis (`Y`) from those that did not. You should have two (more) datasets when you are finished.
- (3) Graphically explore the relationship between `Magnitude` and `Avgslip` by tsunami (graph each of your two new datasets) both separately and together in a panel together (3 graphs total here).