

Lab 5

Stat 427

Fall 2020

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 and use `read.table()` or `read.csv()` or the website address with either `read` function). 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 datasets when you are finished. Save the files.
- (3) Graphically explore the relationship between `Magnitude` and `Avgslip` by tsunami.