

Problem set 7: Maps!

S470/670

Upload your submission to Canvas by 11:59 pm, Friday 3rd December.

Note: There will be seven problem sets in all. Your lowest problem set score will be dropped when determining your grade.

Using the data in `eday-covid.txt` or otherwise, draw:

1. a map of some continuous variable X , by U.S. county (making the colors look nice);
2. a map of some continuous variable Y , by U.S. county (making the colors look nice);
3. a scatterplot of X and Y by county.

Give at least two possible explanations for the relationship between X and Y (e.g. X causes Y , Y causes X , X and Y are both caused by Z , X and Y and Z are all caused by Z_2 .)