Problem Set 6

Bowei Dong

Q3

Like I mentioned in the last problem set, I have used FEMA county level natural incidents declaration data, to clean this dataset, I have:

- Downloaded the dataset from FEMA

- Trimmed the data to be 1990-2023

- Filtered out non-natural incidents, which include: Fish-loss, human cause, toxic, chemical, biological, terrorists, and others

- Reshaped the data set to be a strongly balanced panel, that is, to combine this data with US county list data

Q4

Please see the visualizations I have created below:
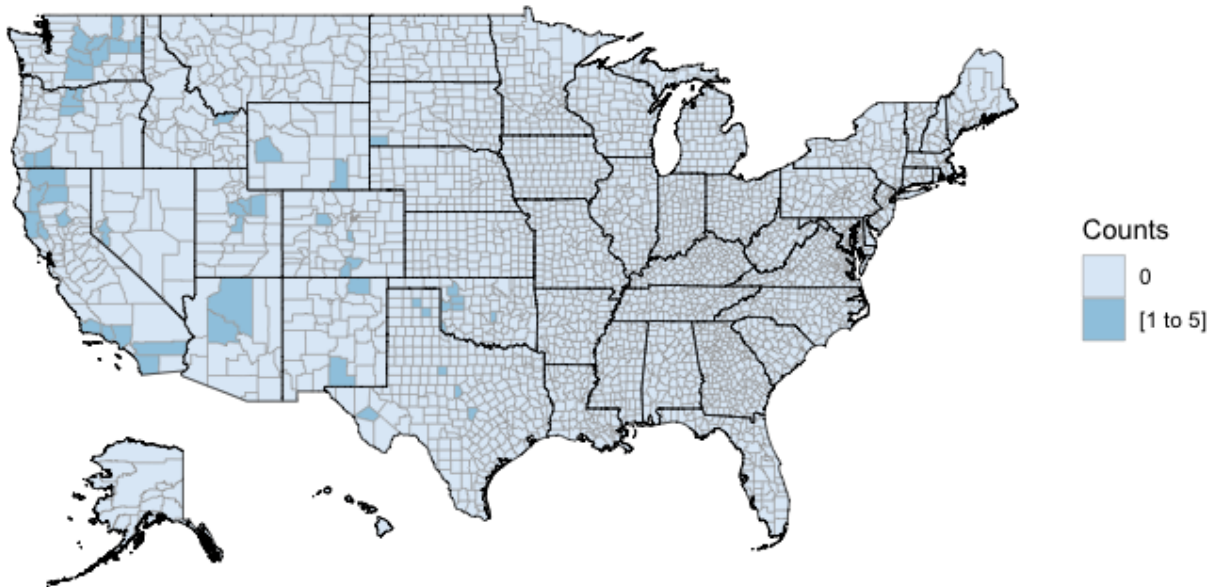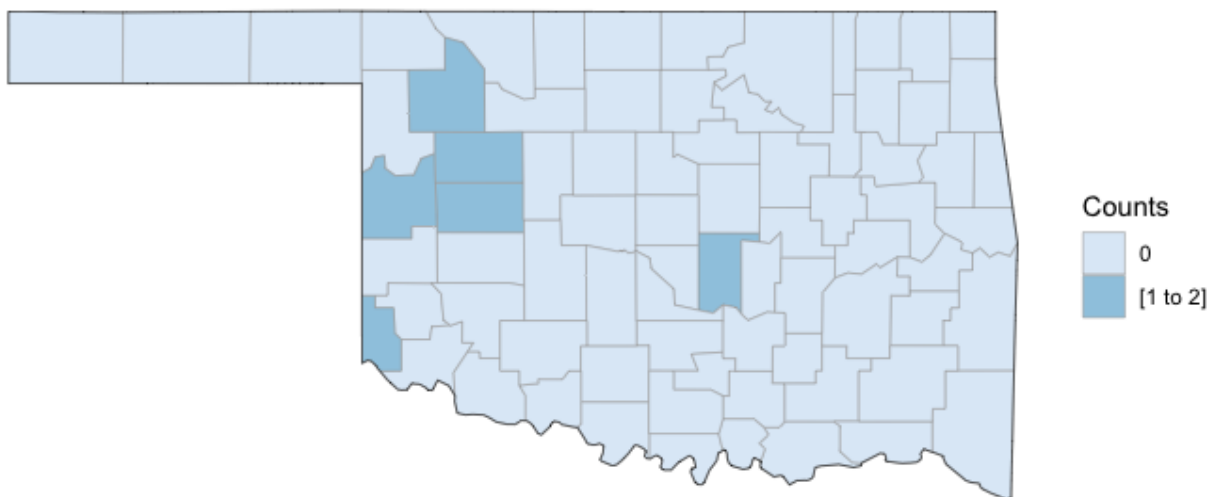
Figure 1

Wildfire 2018: United States

Counts
☐ 0
☐ [1 to 5]

Figure 2

Wildfire 2018: Oklahoma

Figure 3

Oklahoma Natural Disasters by Year