## MTBS Fire Dataset

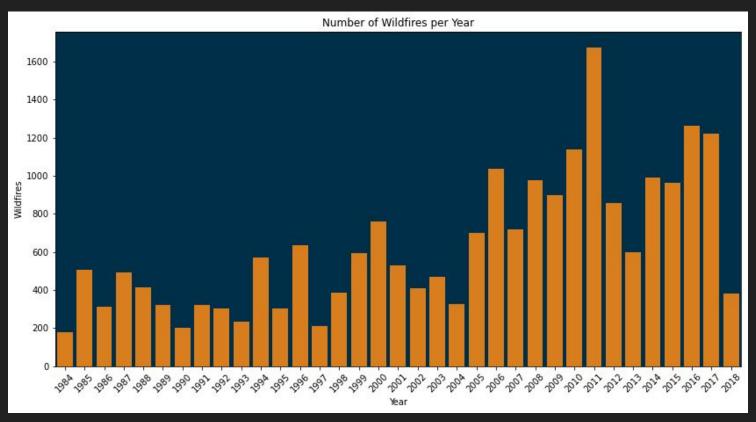
Keene Kelderman

#### **Datasets Used**

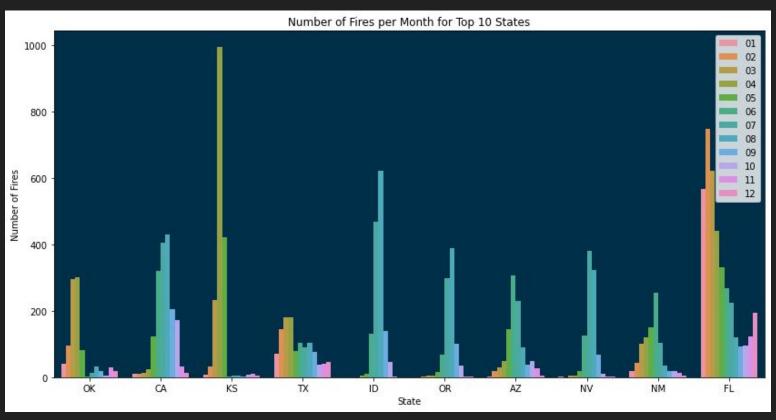
- Monitoring Trends in Burn Severity (MTBS) Fire Occurrence Dataset
- National Oceanic and Atmospheric Administration's (NOAA) Global Historical Climatology Network
- 3. Ecoregion Spatial data from the Environmental Protection Agency (EPA)



## Results of Exploratory Data Analysis



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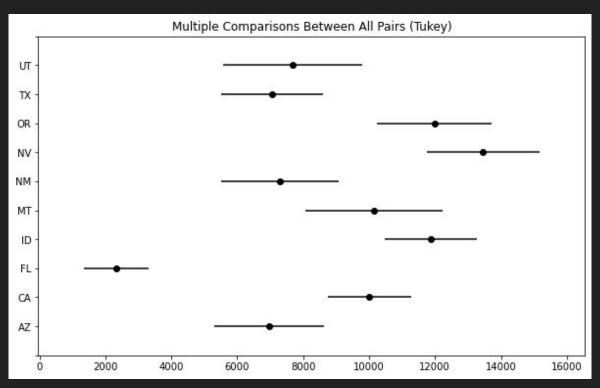


## Modeling

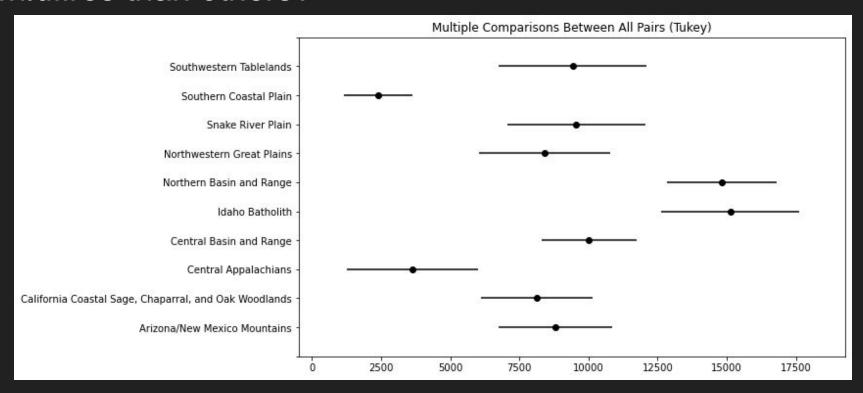




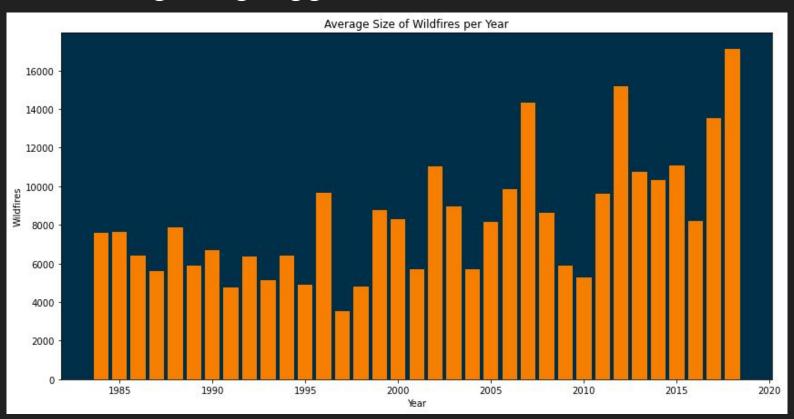
# Do some ecoregions and/or states experience larger wildfires than others?



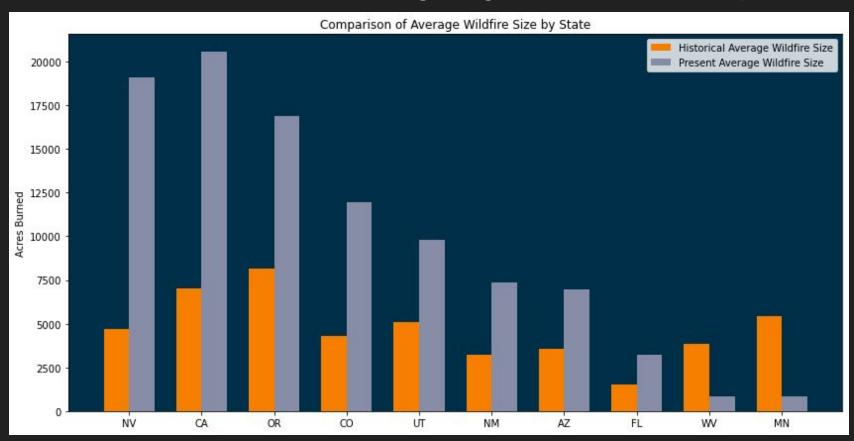
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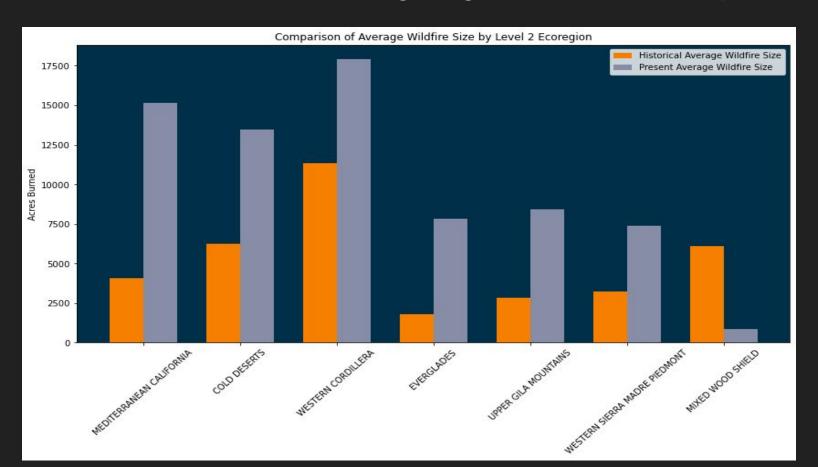
## Are wildfires getting bigger?



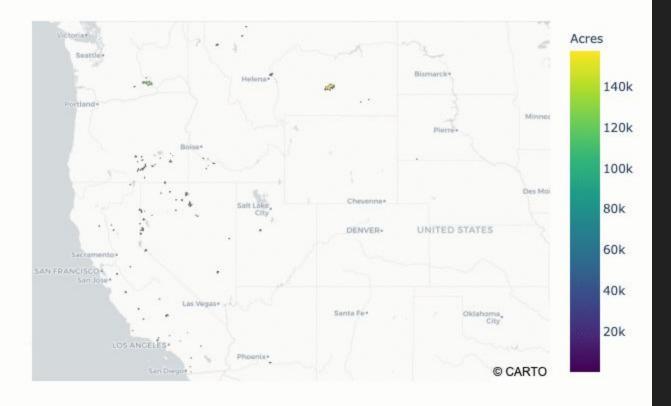
### Where are wildfires becoming larger and more frequent?



### Where are wildfires becoming larger and more frequent?



#### Wildfires: 1984



Thanks for listening!