

Final Project

Brenda Yang, Charlie Bonetti, Nour Kanaan

7/19/2020

map of depression across regions

```
dstate = read.xls("data/state depression rates 2020.xls")
astate = read.xls("data/State anxiety trends 2020.xls")
dtrends2020 = read.xls("data/April 2020 depression trends.xls")
dtrends2018 = read.xls("data/April 2018 depression trends.xls")
atrends2020 = read.xls("data/April 2020 anxiety trends.xls")
atrends2018 = read.xls("data/April 2018 anxiety trends.xls")
deathrate = read.csv("data/restriction rankings.csv")
covidrate = read_excel("data/April COVID Cases by State.xlsx")

library(usmap)
library(ggplot2)

plot_usmap(data = dstate, values = "depression", color = "red") +
  scale_fill_continuous(name = "depression searches", label = scales::comma) +
  theme(legend.position = "right")
```

```
## Warning: Use of `map_df$x` is discouraged. Use `x` instead.
## Warning: Use of `map_df$y` is discouraged. Use `y` instead.
## Warning: Use of `map_df$group` is discouraged. Use `group` instead.
```

