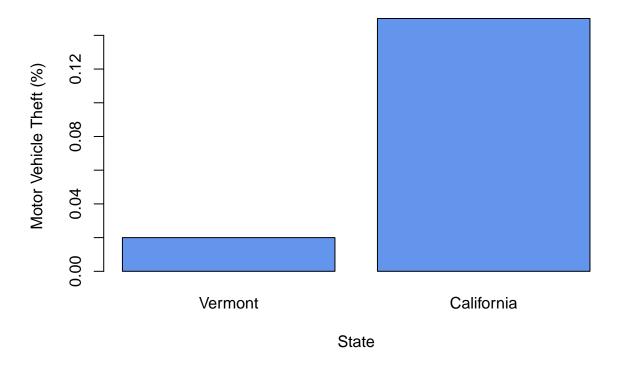
## Evelyn Pan

```
# first download the mowateR_0.2.tar.gz file then uncomment and run the following:
#install.packages("mowateR_0.2.tar.gz", repos = NULL, type = "source")
library(mowateR)
library(lubridate)
setwd("/Users/evelynpan/Desktop")
data <- read.csv(file="WACODE23.csv",</pre>
                  header = T, stringsAsFactors = F)
data
#
                     State Year Murder Rape Robbery Aggravated_assault Burglary
# 1
                   Alabama 2016
                                      0%
                                           1%
                                                    3%
                                                                       11%
                                                                                 20%
# 2
                    Alaska 2016
                                      0%
                                           3%
                                                    3%
                                                                       13%
                                                                                 13%
# 3
                   Arizona 2016
                                      0%
                                           1%
                                                    3%
                                                                        9%
                                                                                 16%
                                                                       11%
# 4
                  Arkansas 2016
                                      0%
                                           2%
                                                    2%
                                                                                 21%
# 5
                California 2016
                                      0%
                                           1%
                                                    5%
                                                                        9%
                                                                                 16%
# 6
                  Colorado 2016
                                      0%
                                           2%
                                                    2%
                                                                        7%
                                                                                 14%
# 7
               Connecticut 2016
                                      0%
                                           1%
                                                    4%
                                                                        6%
                                                                                 14%
# 8
                  Delaware 2016
                                      0%
                                           1%
                                                                       10%
                                                                                 16%
                                                    4%
# 9 District of Columbia 2016
                                      0%
                                           1%
                                                    9%
                                                                       10%
                                                                                  6%
# 10
                   Florida 2016
                                      0%
                                           1%
                                                    3%
                                                                        9%
                                                                                 16%
# 11
                                      0%
                                           1%
                                                    3%
                                                                        7%
                                                                                 18%
                   Georgia 2016
# 12
                                      0%
                                           1%
                                                    2%
                                                                        6%
                                                                                 13%
                    Hawaii 2016
                                           2%
                                                                        9%
# 13
                                      0%
                                                    1%
                                                                                 19%
                     Idaho 2016
# 14
                 Illionois 2016
                                      0%
                                           2%
                                                    6%
                                                                       10%
                                                                                 15%
# 15
                   Indiana 2016
                                      0%
                                           1%
                                                    4%
                                                                        8%
                                                                                 17%
# 16
                      Iowa 2016
                                      0%
                                           2%
                                                    1%
                                                                        9%
                                                                                 20%
# 17
                                      0%
                                                                        9%
                    Kansas 2016
                                           1%
                                                    2%
                                                                                 16%
# 18
                  Kentucky 2016
                                      0%
                                           1%
                                                    3%
                                                                        5%
                                                                                 19%
                                      0%
                                           1%
                                                    3%
                                                                       10%
                                                                                 19%
# 19
                 Louisiana 2016
# 20
                     Maine 2016
                                      0%
                                           2%
                                                    1%
                                                                        4%
                                                                                 17%
# 21
                  Maryland 2016
                                      0%
                                           1%
                                                    6%
                                                                       10%
                                                                                 15%
# 22
                                           2%
                                                    4%
             Massachusetts 2016
                                      0%
                                                                       14%
                                                                                 14%
# 23
                  Michigan 2016
                                      0%
                                           3%
                                                    3%
                                                                       13%
                                                                                 10%
# 24
                                      0%
                                           2%
                                                    3%
                                                                        5%
                 Minnesota 2016
                                                                                 14%
# 25
               Mississippi 2016
                                      0%
                                           1%
                                                    3%
                                                                        5%
                                                                                 26%
# 26
                  Missouri 2016
                                      0%
                                           1%
                                                    3%
                                                                       11%
                                                                                 16%
# 27
                                      0%
                                           2%
                                                    1%
                                                                        9%
                                                                                 12%
                   Montana 2016
                                                                        7%
# 28
                                      0%
                                           2%
                                                    2%
                                                                                 13%
                  Nebraska 2016
# 29
                                           2%
                                                    6%
                                                                       12%
                    Nevada 2016
                                      0%
                                                                                 20%
                                      0%
                                                    2%
                                                                        7%
# 30
             New Hampshire 2016
                                           2%
                                                                                 13%
# 31
                New Jersey 2016
                                      0%
                                           1%
                                                    6%
                                                                        7%
                                                                                 16%
# 32
                                      0%
                New Mexico 2016
                                           1%
                                                    3%
                                                                       11%
                                                                                 18%
# 33
                  New York 2016
                                      0%
                                           2%
                                                    6%
                                                                       12%
                                                                                 10%
                                      0%
# 34
            North Carolina 2016
                                           1%
                                                    3%
                                                                        8%
                                                                                 23%
# 35
              North Dakota 2016
                                      0%
                                           2%
                                                    1%
                                                                        7%
                                                                                 17%
# 36
                      Ohio 2016
                                      0%
                                           1%
                                                    4%
                                                                        5%
                                                                                 20%
# 37
                                      0%
                                           2%
                                                    2%
                                                                        9%
                                                                                 22%
                  Oklahoma 2016
# 38
                    Oregon 2016
                                      0%
                                           1%
                                                    2%
                                                                        5%
                                                                                 13%
# 39
                                      0%
                                           2%
                                                    5%
                                                                        9%
                                                                                 13%
              Pennsylvania 2016
              Rhode Island 2016
                                      0%
                                           2%
                                                    2%
                                                                        7%
                                                                                 17%
# 40
            South Carolina 2016
                                      0%
                                           1%
                                                    2%
                                                                       10%
                                                                                 18%
# 41
```

```
# 42
             South Dakota 2016
                                 0%
                                         3%
                                                 1%
                                                                    14%
                                                                             14%
                Tennessee 2016
                                                 3%
# 43
                                    0%
                                         2%
                                                                    14%
                                                                             15%
                    Texas 2016
                                    0%
                                                                     8%
# 44
                                         1%
                                                 4%
                                                                             17%
                     Utah 2016
                                    0%
                                        1%
                                                 2%
                                                                     4%
                                                                             13%
# 45
                  Vermont 2016
# 46
                                    0%
                                         2%
                                                 1%
                                                                    6%
                                                                             18%
# 47
                 Virginia 2016
                                    0%
                                         2%
                                                 3%
                                                                     6%
                                                                             11%
# 48
               Washington 2016
                                    0%
                                         1%
                                                 2%
                                                                    5%
                                                                             18%
                                                 2%
                                                                    12%
                                                                             21%
# 49
            West Virginia 2016
                                    0%
                                        1%
# 50
                Wisconsin 2016
                                    0%
                                                 4%
                                                                    8%
                                                                             15%
                                         1%
                                                                     9%
# 51
                 Wyoming 2016
                                    0%
                                         2%
                                                 0%
                                                                             14%
# Larceny_theft Motor_Vehicle_theft
# 1
               58%
                                     7%
# 2
               58%
                                    10%
# 3
               63%
                                    8%
               58%
                                    6%
# 4
# 5
               54%
                                    15%
# 6
               63%
                                    12%
# 7
               65%
                                    10%
                                    5%
# 8
               64%
               67%
                                     7%
# 9
                                     7%
# 10
               64%
# 11
               63%
                                    8%
# 12
               66%
                                    12%
# 13
               63%
                                     6%
               61%
                                     6%
# 14
# 15
               62%
                                     8%
# 16
               61%
                                     7%
# 17
               64%
                                     8%
# 18
               62%
                                     9%
# 19
               61%
                                     6%
# 20
               73%
                                     3%
# 21
               61%
                                     7%
# 22
               60%
                                     6%
                                     9%
# 23
               55%
# 24
               69%
                                     7%
# 25
               60%
                                     5%
# 26
               60%
                                     9%
# 27
               67%
                                    9%
# 28
               66%
                                    10%
# 29
               46%
                                    14%
# 30
               72%
                                     4%
# 31
               63%
                                    7%
# 32
               55%
                                    12%
# 33
               66%
                                    4%
# 34
               60%
                                    5%
# 35
               63%
                                    10%
# 36
               64%
                                    6%
# 37
               56%
                                     9%
# 38
               69%
                                    10%
# 39
               66%
                                     5%
                                     7%
# 40
               65%
               61%
                                     8%
# 41
                                     7%
# 42
               61%
```

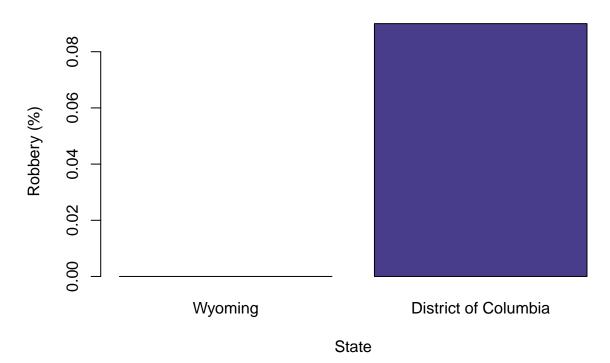
```
# 43
               58%
                                      8%
# 44
               62%
                                     8%
# 45
                70%
                                     10%
# 46
               71%
                                     2%
# 47
               72%
                                     6%
# 48
               62%
                                     12%
# 49
               58%
                                      6%
# 50
                                      8%
               64%
# 51
               69%
                                      6%
```

## Least v.s. Highest Motor Vehicle Thefts (U.S)

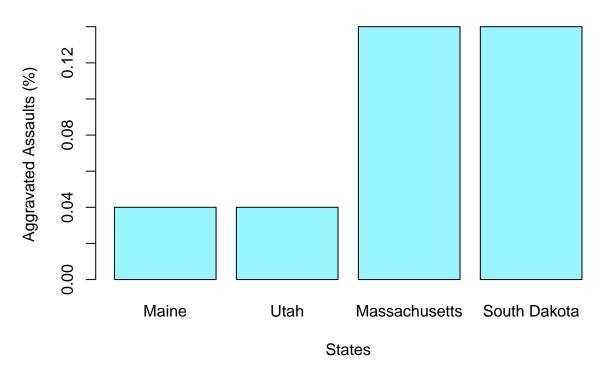


```
# Create a vector of values
robbery <- c(0.00, 0.09)</pre>
```

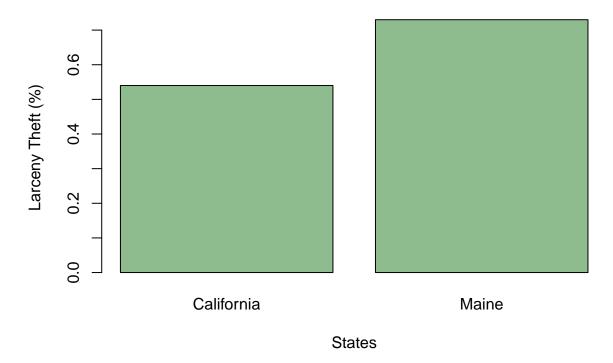
## Least v.s. Most Robberies (U.S)



Least v.s. Highest Aggravated Assaults (U.S)



Least v.s. Highest Larceny Thefts (U.S)



Thank you