Assignment 3

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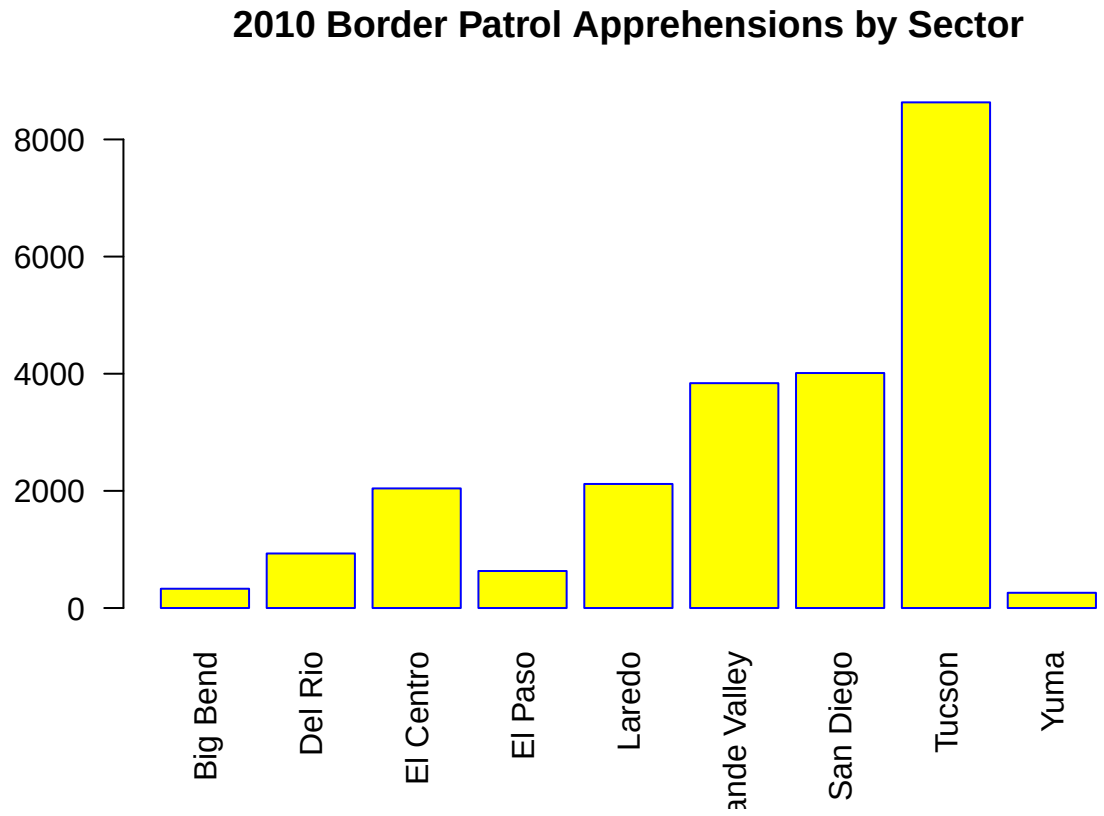
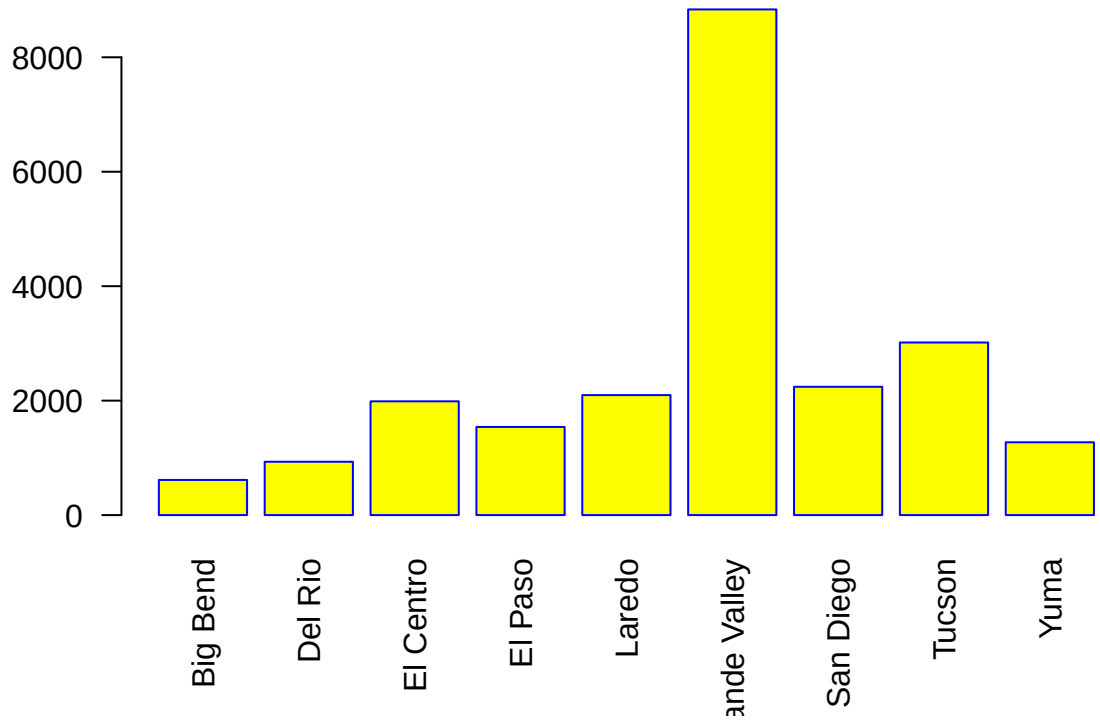
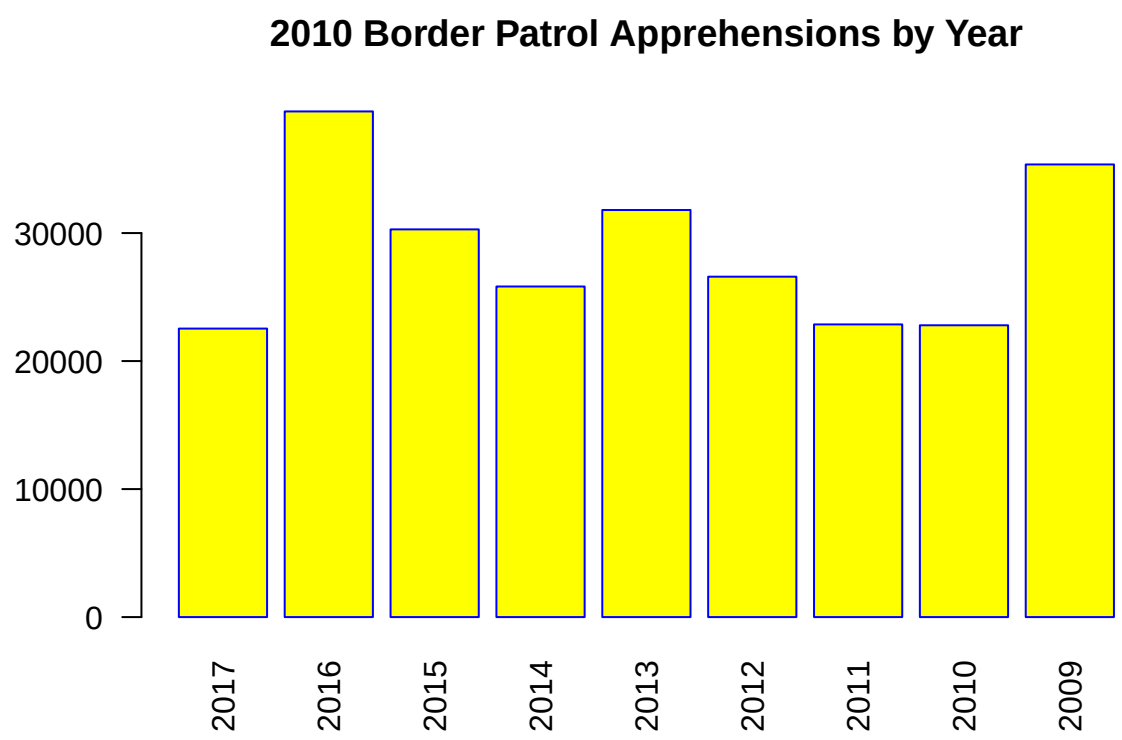
```
BP2010 <- read.csv("BP Apprehensions 2010.csv", header = TRUE, stringsAsFactors = FALSE)
rownames(BP2010) <- BP2010[,1]
x <- barplot(BP2010[1:9,13], names.arg = rownames(BP2010)[1:9],
        las=2,
        axisnames=TRUE,
        main="2010 Border Patrol Apprehensions by Sector",
        border="blue",
        col="yellow")
```



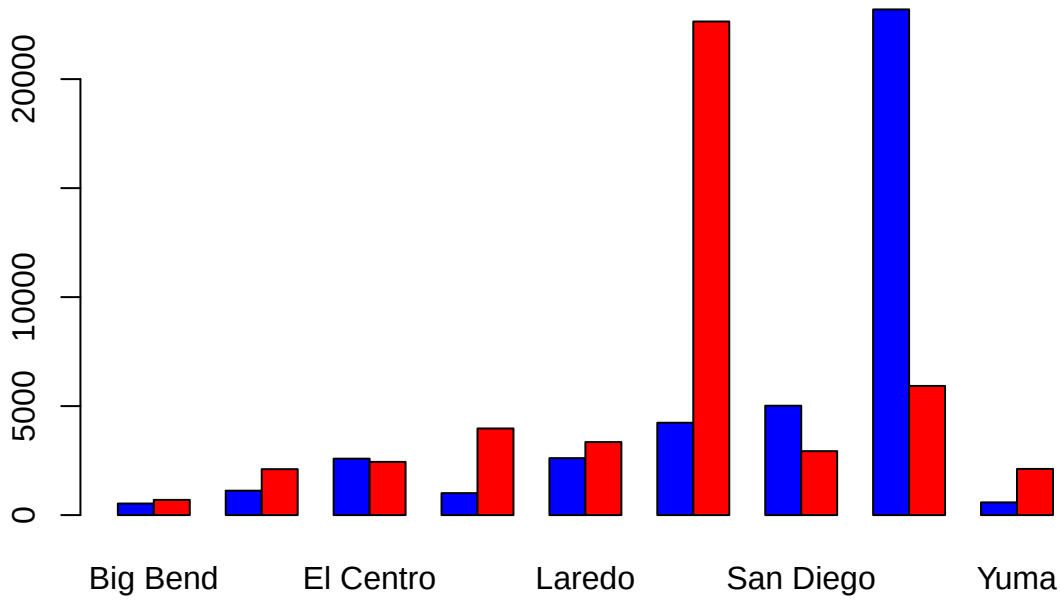

```
PB2017 <- read.csv("PB Apprehensions 2017.csv", header = TRUE, stringsAsFactors = TRUE)
rownames(PB2017) <- PB2017[,1]
barplot(PB2017[1:9,13], names.arg = rownames(PB2017)[1:9],
        las=2,
        axisnames=TRUE,
        main="2017 Border Patrol Apprehensions by Sector",
        border="blue",
        col="yellow")
```




```
PBmonthly <- read.csv("monthly_sum.csv", header = TRUE, stringsAsFactors = TRUE)
rownames(PBmonthly) <- PBmonthly[,1]
barplot(PBmonthly[1:9,13], names.arg = rownames(PBmonthly)[1:9],
        las=2,
        axisnames=TRUE,
        main="2010 Border Patrol Apprehensions by Year",
        border="blue",
        col="yellow")
```




```
data <- matrix(c(BP2010[1:9,2], PB2017[1:9,2]), nrow = 2, byrow = TRUE)
barplot(data, beside = TRUE, col = c("blue", "red"), names.arg = rownames(BP2010))
```


0
5000
10000
20000
Big Bend
El Centro
Laredo
San Diego
Yuma