Zeppelin

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```
%r
library(readr)
library(dplyr)
setwd("/Users/neha/Documents/Capstone/pollution")
temp = list.files(pattern="*.csv")
tbl = lapply(temp, read_csv) %>% bind_rows()
```

Took 21 sec. Last updated by anonymous at April 16 2017, 5:40:04 PM.

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```
%r
library(sqldf)
x = sqldf("select avg(ozone) as avg_ozone, avg(particullate_matter) as particulate, avg(carbon
(nitrogen_dioxide) as nitrogen from tbl group by longitude,latitude")
```

Took 28 sec. Last updated by anonymous at April 16 2017, 5:40:54 PM.

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```
%r

par(bg=rgb(0.8,0.8,1,0.5) )
par(mar=c(0,0,0,0))
boxplot(x$avg_ozone,x$particulate,x$monoxide, x$sulfur, x$nitrogen, xlab="Air Pollutants" ,
.colors(8) )
abline( h=c(0,150,300,450) , col="white")
```
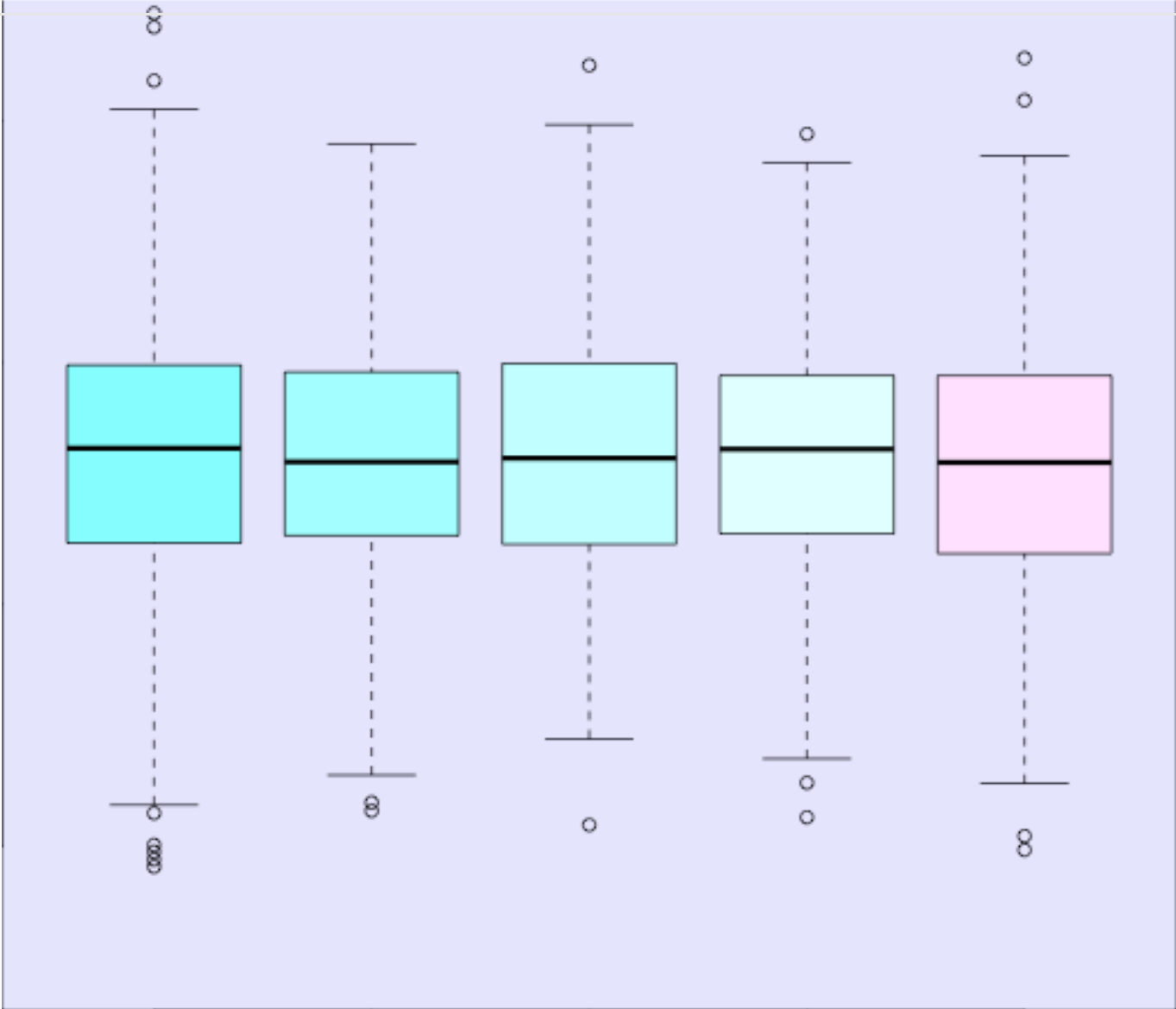
Zeppelin

Graph3

Took 0 sec. Last updated by anonymous at April 16 2017, 5:46:36 PM.

READY