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# Introduction

We start by loading the data into 2 data frames

library(readr)  
Sec02 <- read\_csv("Class\_Survey\_Sec02.csv")

## Parsed with column specification:  
## cols(  
## .default = col\_character(),  
## Birthday = col\_integer(),  
## Breathold = col\_integer(),  
## Breathold2 = col\_integer(),  
## pulse\_start = col\_integer(),  
## time\_down\_up = col\_integer(),  
## pulse\_after\_down\_up = col\_integer(),  
## height\_in = col\_integer(),  
## Age\_yrs = col\_integer(),  
## arm\_shoulder\_fingertip\_inches = col\_integer(),  
## `right hand\_thumb\_pinkty\_ inch` = col\_double()  
## )

## See spec(...) for full column specifications.

Sec23 <- read\_csv("Class\_Survey\_Sec23.csv")

## Parsed with column specification:  
## cols(  
## .default = col\_character(),  
## Birthday = col\_integer(),  
## Breathold = col\_integer(),  
## Breathold2 = col\_integer(),  
## pulse\_start = col\_integer(),  
## time\_down\_up = col\_integer(),  
## pulse\_after\_down\_up = col\_integer(),  
## height\_in = col\_double(),  
## Age\_yrs = col\_integer(),  
## arm\_shoulder\_fingertip\_inches = col\_double(),  
## `right hand\_thumb\_pinkty\_ inch` = col\_double()  
## )  
## See spec(...) for full column specifications.

Sec02 <- mutate(Sec02,sect="PM")  
Sec23 <- mutate(Sec23,sect="Eve")  
alldat <- bind\_rows(Sec02,Sec23)

write.csv(x=alldat,file="alldat.csv")

# Methods

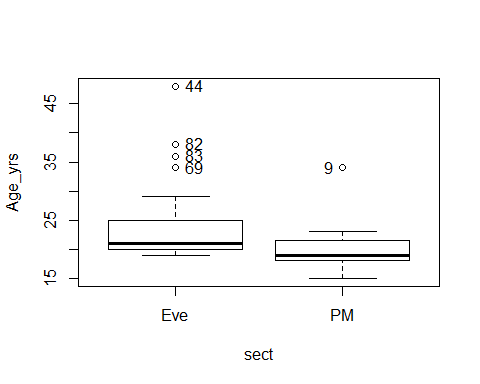
# Results

## Descriptive Results

### Graphical Descriptive Results

Boxplot(Age\_yrs~sect, data=alldat, id=list(method="y"))

## Warning in Boxplot.default(mf[[response]], x, id = list(method =  
## id.method, : NAs introduced by coercion



## [1] "44" "69" "82" "83" "9"

### Numerical Descriptive Results

## Inferential Results

# Discussion and Conclusion