

## Clase-3.R

zupap

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```
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# Importar datos -----
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library(readr) # Llamar la biblioteca o library

file <-
paste0("https://raw.githubusercontent.com/mgtagle/202_Analisis_Estadistico_2020/02680a60a88f56facda17fa38af265fb81f7f9f6/cuadro1.csv")

inventario <- read.csv(file)
tail(inventario)

##      Arbol Fecha Especie Clase Vecinos Diametro Altura
## 45      45    24        C      I        4      10.2   13.93
## 46      46    23        F      I        3      14.4   12.68
## 47      47    24        C      S        6       7.7   10.00
## 48      48    25        C      S        5       9.9    8.69
## 49      49    25        H      D        1      20.4   16.73
## 50      50    24        H      D        3      20.9   16.25

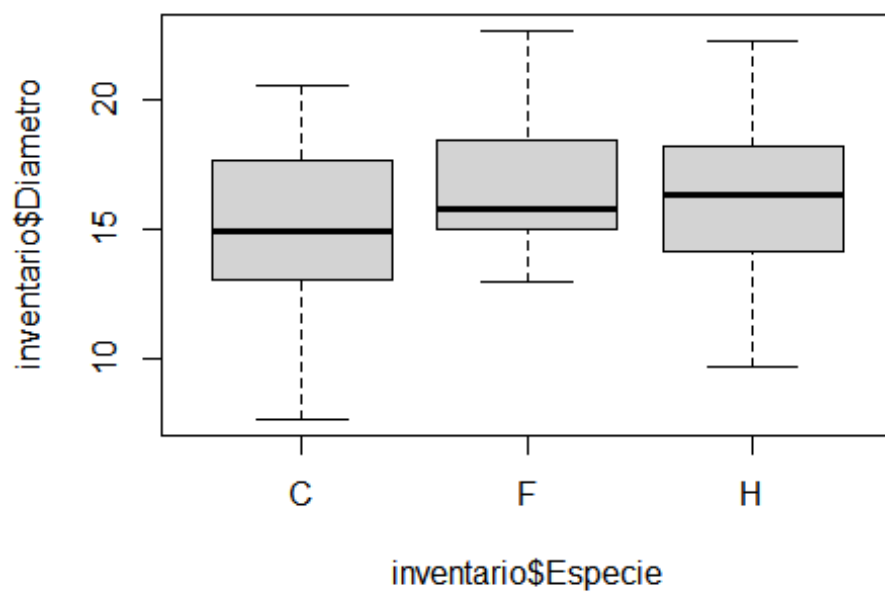
mean(inventario$Diametro)

## [1] 15.794

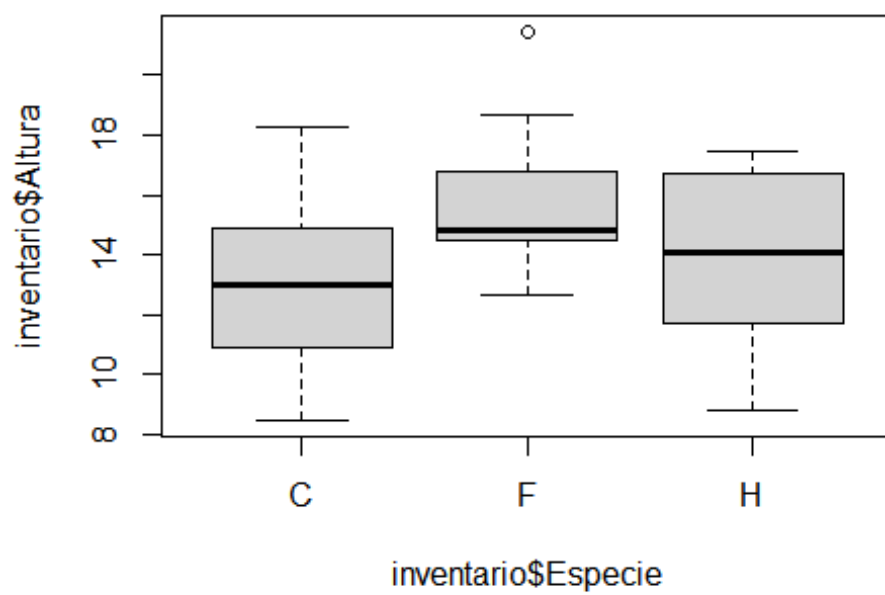
mean(inventario$Altura)

## [1] 13.9432

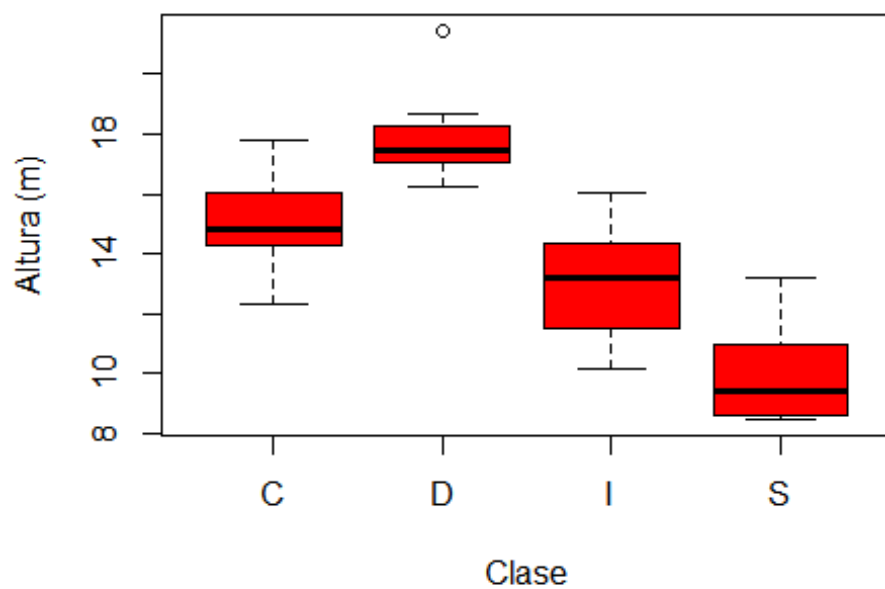
boxplot(inventario$Diametro ~ inventario$Especie)
```



```
boxplot(inventario$Altura ~ inventario$Especie)
```



```
boxplot(inventario$Altura ~ inventario$Clase, col = "Red",
        xlab = "Clase", ylab = "Altura (m)")
```



```
# Restricciones -----  
sub1 <- subset(inventario, Diametro >= 15)  
sub2 <- subset(inventario, Diametro >= mean(Diametro))  
sub3 <- subset(inventario, Clase != "D")  
boxplot(sub3$Diametro ~ sub3$Clase, col = "Green")
```

