

Laboratorio2.R

Usuario

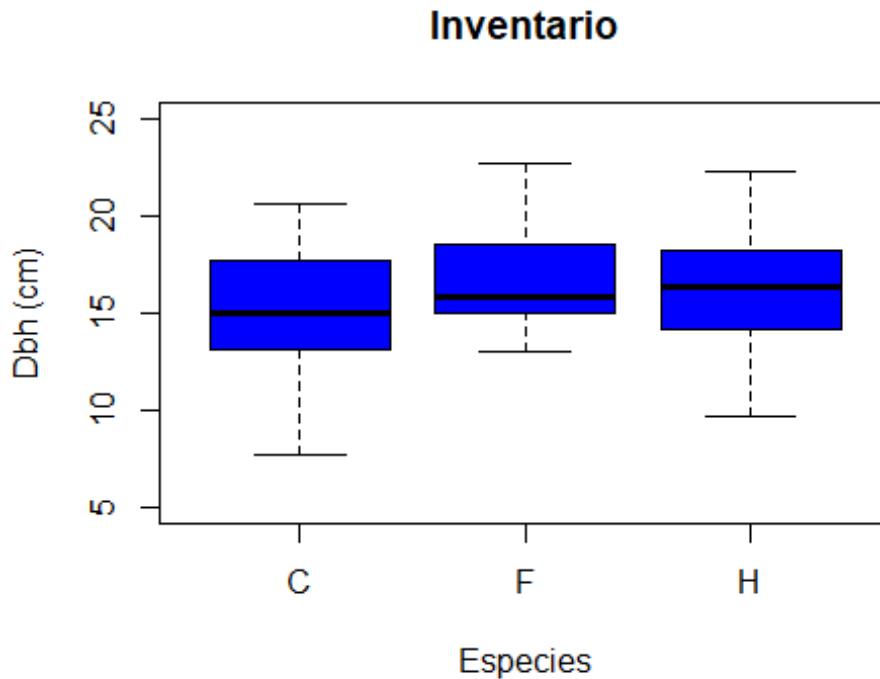
2025-03-31

```
#Erik Manuel Aldape Becerra  
# 2027268  
# 31/03/2025
```

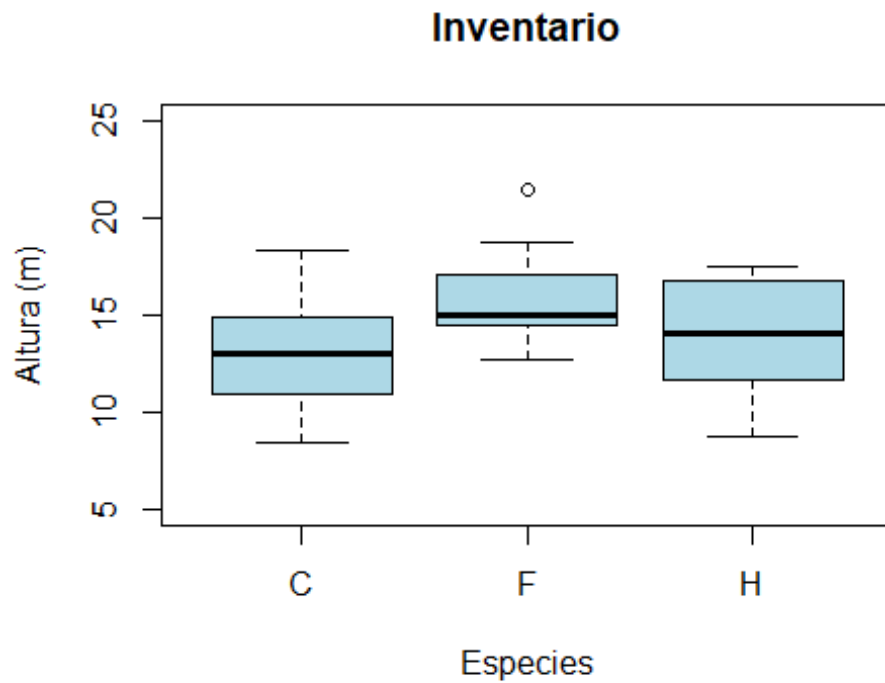
```
#La funcion read.csv sirve para importar datos  
trees <- read.csv("Base_datos.csv", header = T)
```

```
#La funcion as.factor sirve para convertir caracteres a factores  
trees$Species <- as.factor(trees$Species)  
trees$Crown.class <- as.factor(trees$Crown.class)
```

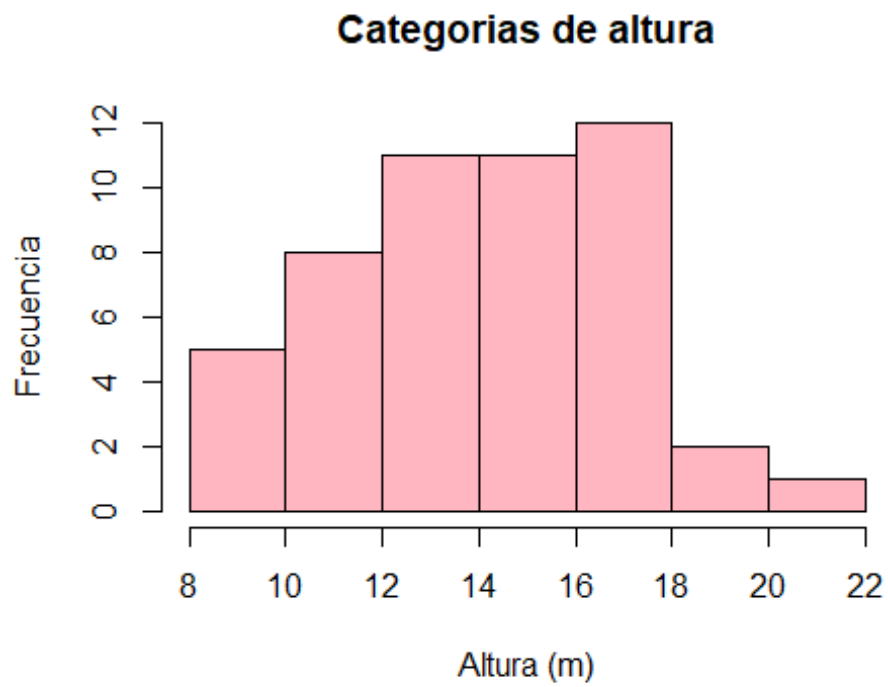
```
#Gráfica  
boxplot(trees$Diameter ~ trees$Species,  
        xlab = "Especies", #Etiqueta del eje x  
        ylab = "Dbh (cm)", #Etiqueta del eje y  
        col = "blue", #Color de las cajas  
        main = "Inventario", #Titulo de gráfica  
        ylim = c(5,25)) #Ampliar limites eje y
```



```
#Gráfica de altura
boxplot(trees$Total ~ trees$Species,
        xlab = "Especies",
        ylab = "Altura (m)",
        col = "lightblue",
        main = "Inventario",
        ylim = c(5,25))
```



```
#Histograma de altura
hist(trees$Total,
     xlab = "Altura (m)",
     ylab = "Frecuencia",
     main = "Categorías de altura",
     col = "lightpink")
```



```
#Hoja y tallo
stem(trees$Total)
```

```
##
## The decimal point is at the |
##
## 8 | 5578
## 10 | 024923457
## 12 | 03678224889
## 14 | 23556678923
## 16 | 013788124588
## 18 | 37
## 20 | 5
```