

Clase-2.R

USUARIO

2024-05-30

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## 2022601

# Importar datos -----
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### Utilizar función read.csv sirve para importar datos

cr <- read.csv("Cedrorojo.csv", header = TRUE)

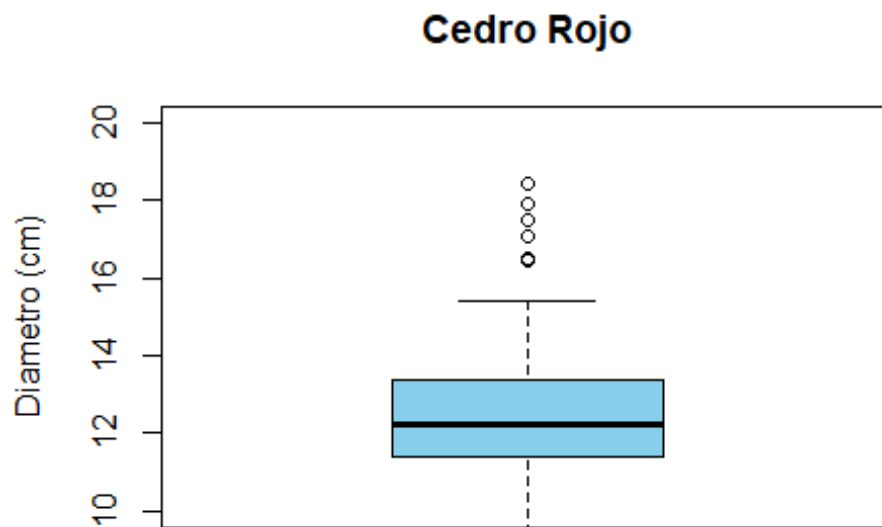
# Revisión datos -----
--

mean(cr$diametro); mean(cr$altura)
## [1] 12.52396
## [1] 18.91011
median(cr$diametro); median(cr$altura)
## [1] 12.2489
## [1] 19.0589
sd(cr$diametro); sd(cr$altura)
## [1] 1.71485
## [1] 3.009312
range(cr$diametro); range(cr$altura)
## [1] 9.0283 18.4490
## [1] 10.2723 28.1563
fivenum(cr$diametro); fivenum(cr$altura)
## [1] 9.02830 11.37550 12.24890 13.36935 18.44900
```

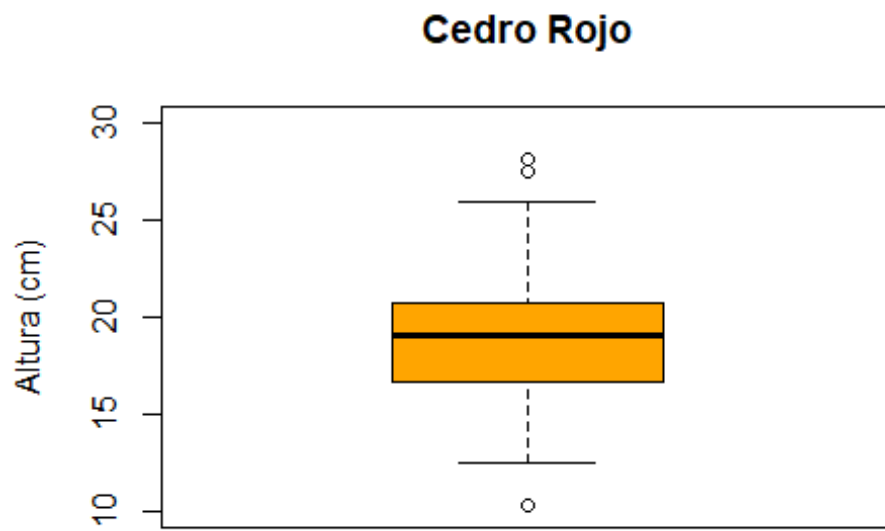
```
## [1] 10.27230 16.69805 19.05890 20.67880 28.15630
```

```
# Representación grafica -----  
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```

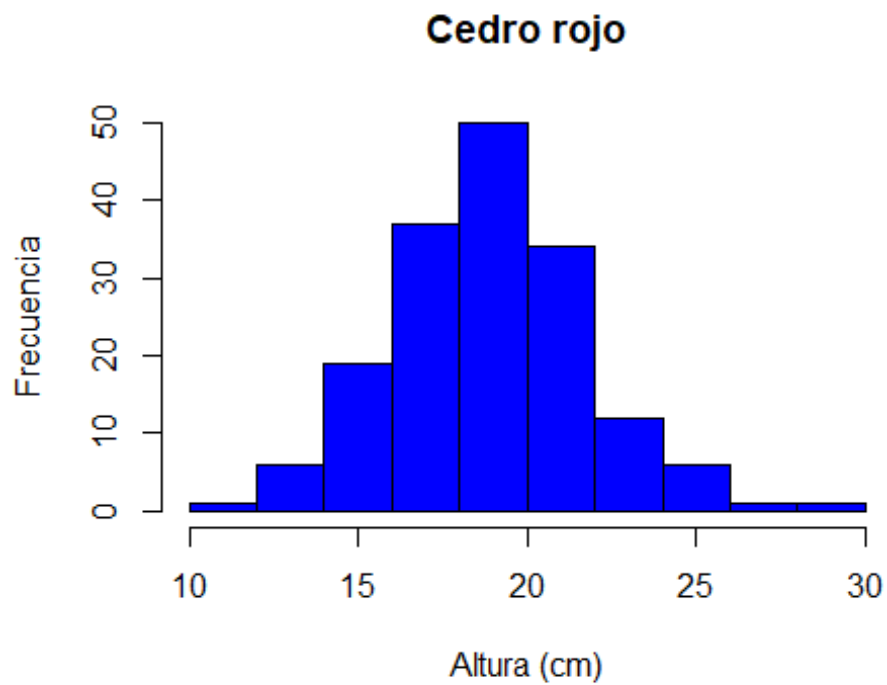
```
boxplot(cr$diametro, main = "Cedro Rojo",  
        col = "skyblue",  
        ylab = "Diametro (cm)",  
        ylim = c(10,20))
```



```
boxplot(cr$altura, main = "Cedro Rojo",  
        col = "orange",  
        ylab = "Altura (cm)",  
        ylim = c(10,30))
```



```
hist(cr$altura, xlab = "Altura (cm)",  
      main = "Cedro rojo",  
      ylab = "Frecuencia",  
      col = "blue")
```



```
stem(cr$altura)
```

```
##
## The decimal point is at the |
##
## 10 | 3
## 11 |
## 12 | 46
## 13 | 2556
## 14 | 22267889
## 15 | 01133346688
## 16 | 01222233444566677899
## 17 | 112333446677789
## 18 | 0001334456667777889
## 19 | 0001112222334555666666777899999
## 20 | 00111134444567778999
## 21 | 0122234466678
## 22 | 00023567
## 23 | 012578
## 24 | 06
## 25 | 01479
## 26 |
## 27 | 5
## 28 | 2
```