

clase-2.R

zupap

2024-05-06

```
# Alondra Lizbeth Zuñiga Perales  
# 29/04/2024  
# 2070702
```

```
# Importar datos -----  
--
```

```
# utilizar funcion read.csv sirve para importar datos
```

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

```
# Revision de datos -----  
--
```

```
mean(cr$diametro)
```

```
## [1] 12.52396
```

```
mean(cr$altura)
```

```
## [1] 18.91011
```

```
mean(cr$diametro); sd(cr$altura)
```

```
## [1] 12.52396
```

```
## [1] 3.009312
```

```
sd(cr$diametro); sd(cr$altura)
```

```
## [1] 1.71485
```

```
## [1] 3.009312
```

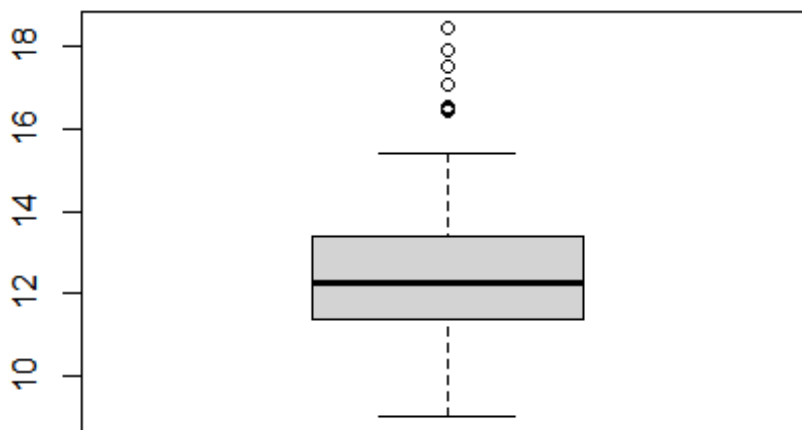
```
range(cr$diametro)
```

```
## [1] 9.0283 18.4490
```

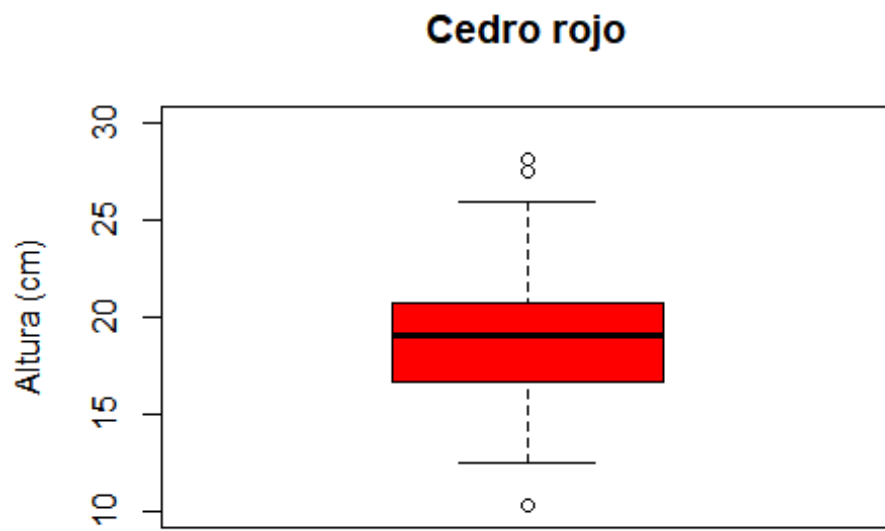
```
fivenum(cr$diametro)
## [1] 9.02830 11.37550 12.24890 13.36935 18.44900

# Representacion grafica -----
--

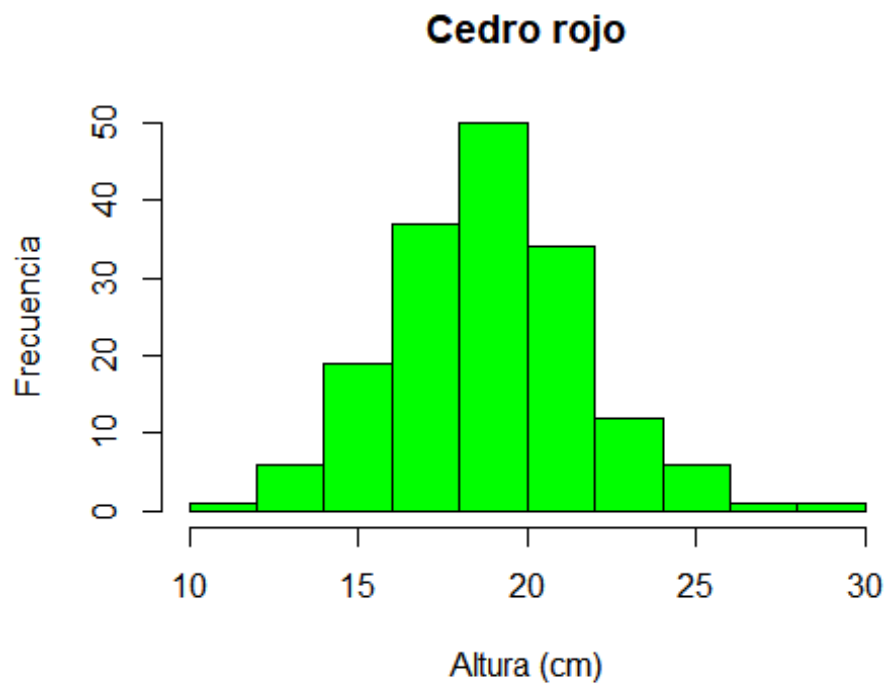
boxplot(cr$diametro)
```



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



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



```
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 | 001111344444567778999
## 21 | 0122234466678
## 22 | 00023567
## 23 | 012578
## 24 | 06
## 25 | 01479
## 26 |
## 27 | 5
## 28 | 2
```