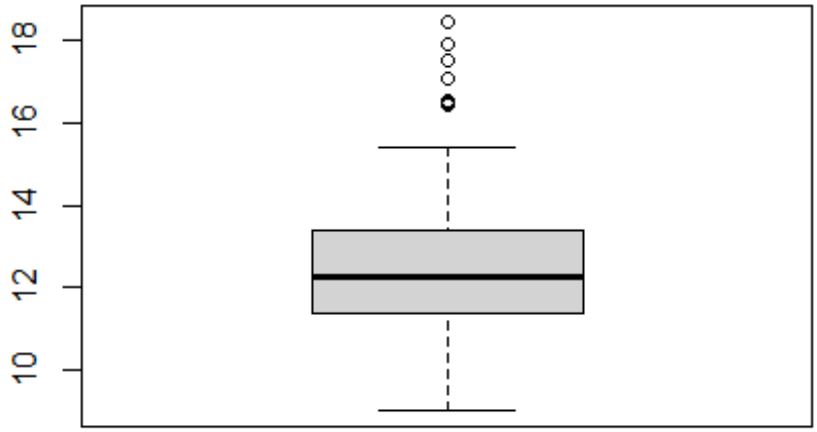
Clase-2.R

USUARIO

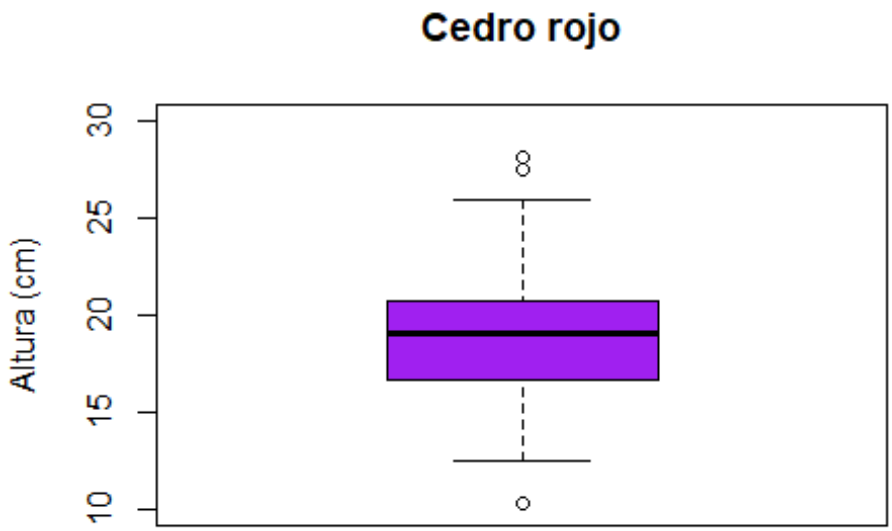
2024-05-30

```
# Andy Abril Ramos Villa
29/04/2024

## [1] 0.003582016

2026333

## [1] 2026333

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

# Utilizar función read.csv sirve para importar datos

cc <- read.csv("Cedro.csv", header = TRUE)

# Revisión datos ----------------------------------------------------
--

mean(cc$diametro)

## [1] 12.52396

mean(cc$altura)

## [1] 18.91011

mean(cc$diametro); median(cc$diametro)

## [1] 12.52396

## [1] 12.2489

sd(cc$diametro); sd(cc$altura)

## [1] 1.71485

## [1] 3.009312

range(cc$diametro)

## [1]  9.0283 18.4490

fivenum(cc$diametro)
```

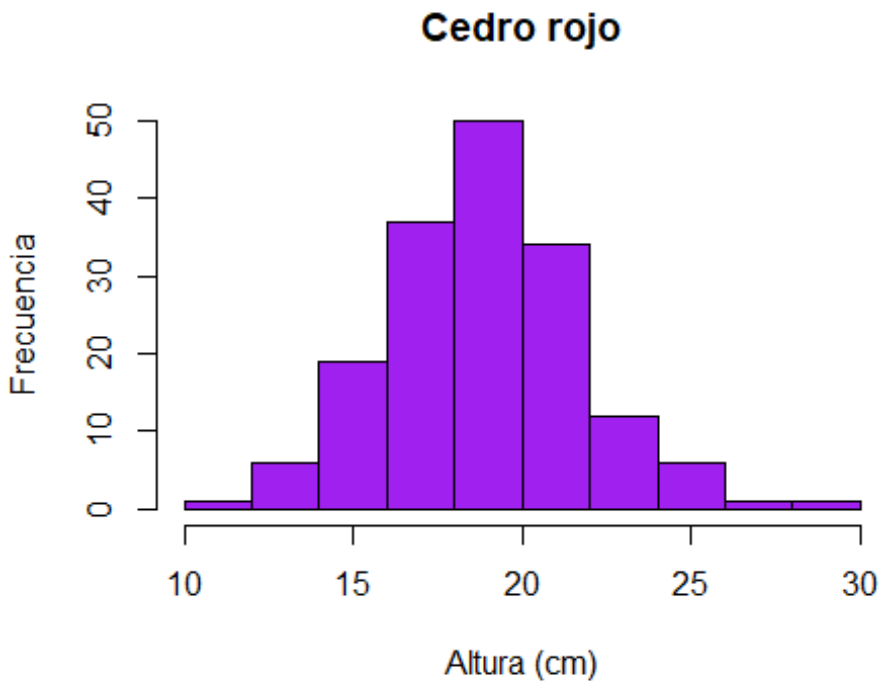
```
## [1]  9.02830 11.37550 12.24890 13.36935 18.44900

# Representación gráfica ----------------------------------------------
--

boxplot(cc$diametro)
```




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




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




```
stem(cc$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 | 000111222233455566666777899999
##   20 | 00111134444567778999
##   21 | 0122234466678
##   22 | 00023567
##   23 | 012578
##   24 | 06
##   25 | 01479
##   26 |
##   27 | 5
##   28 | 2
```