



**UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN**  
**FACULTAD DE CIENCIAS FORESTALES**



**TAREA DOS**

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**AGOSTO, 2022**

# Tarea02\_EmanuelMolinaMarchan.R

Emanuel

2022-08-30

[illegible]

```

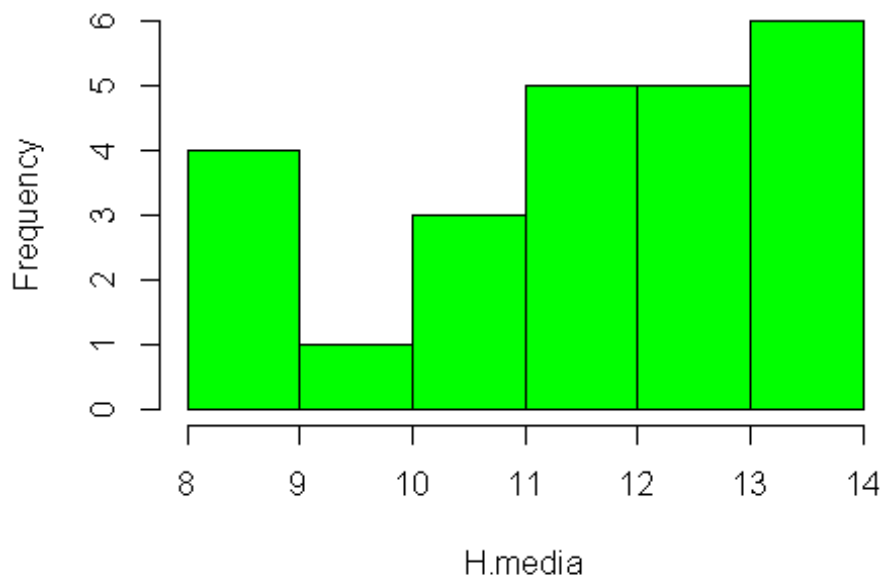
Posicion=c("C", "D", "D", "S", "C", "D", "D", "S",
, "S", "D"),
Vecinos=c(3, 2, 4, 4, 5, 5, 2, 3, 5, 2),
Diametro=c(20, 25, 10, 10, 23, 12, 13, 13, 16, 14
),
Altura=c(14, 12, 13, 10, 12, 11, 12, 10, 10, 10))

datos=rbind(datos, nuevas.filas)

sum(with(datos, Diametro <= 16.9))
## [1] 38
sum(with(datos, Altura > 18.5))
## [1] 2
hist(H.media, col="green")

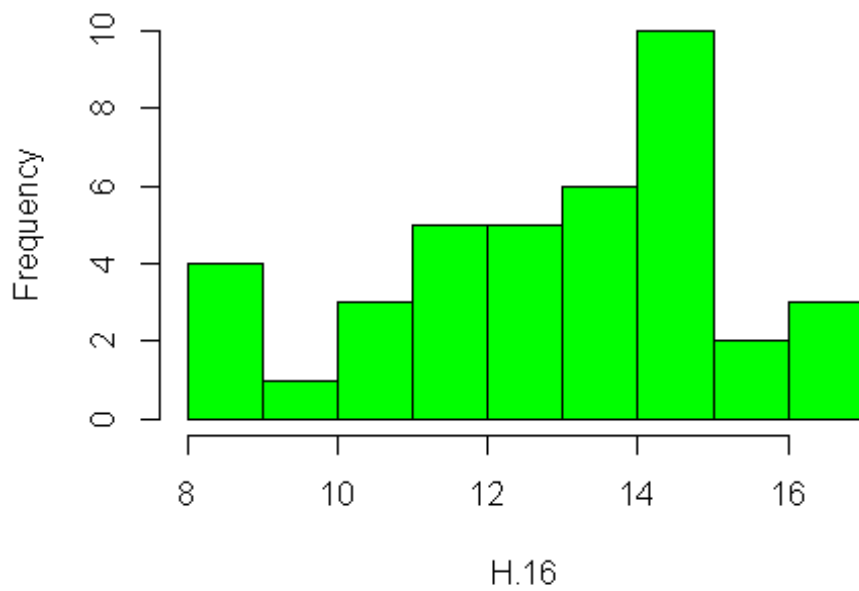
```

**Histogram of H.media**



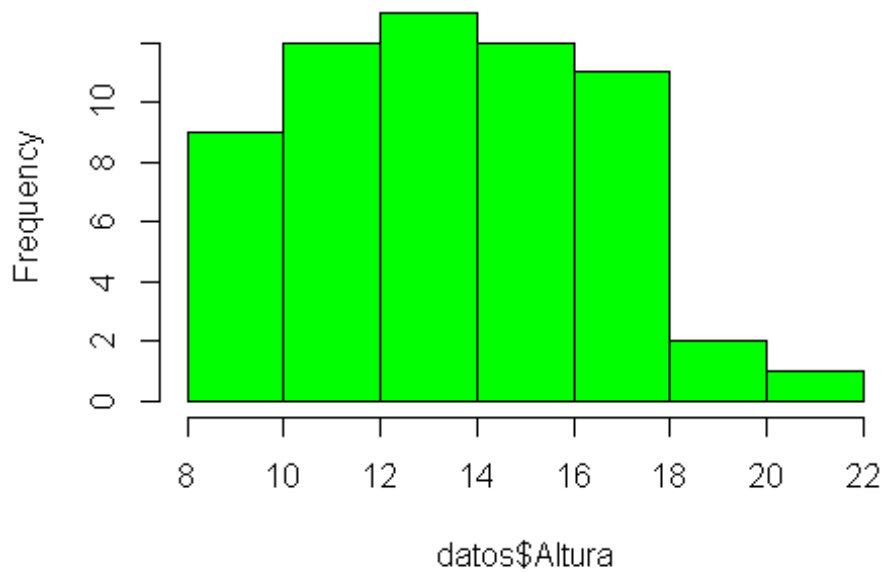
```
hist(H.16, col="green")
```

**Histogram of H.16**



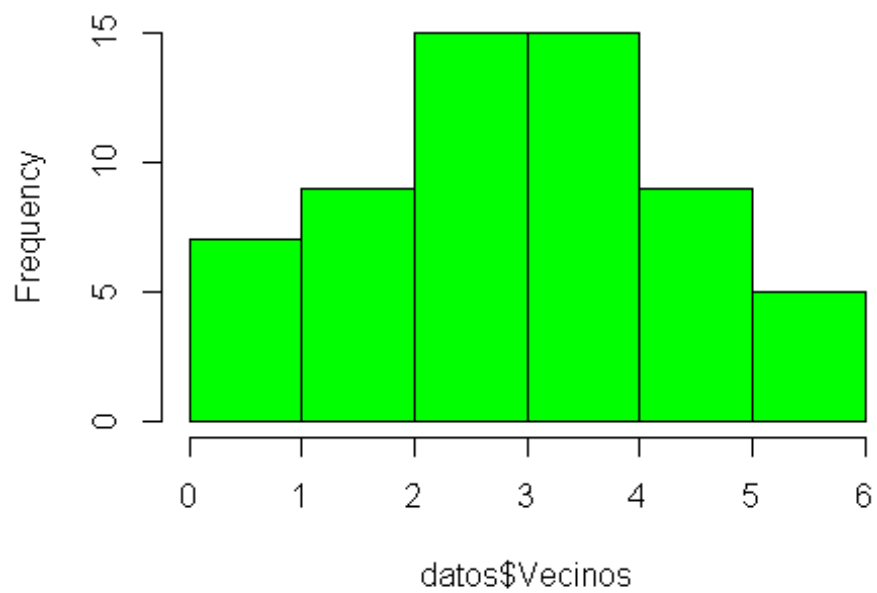
```
hist(datos$Altura, col="green")
```

**Histogram of datos\$Altura**



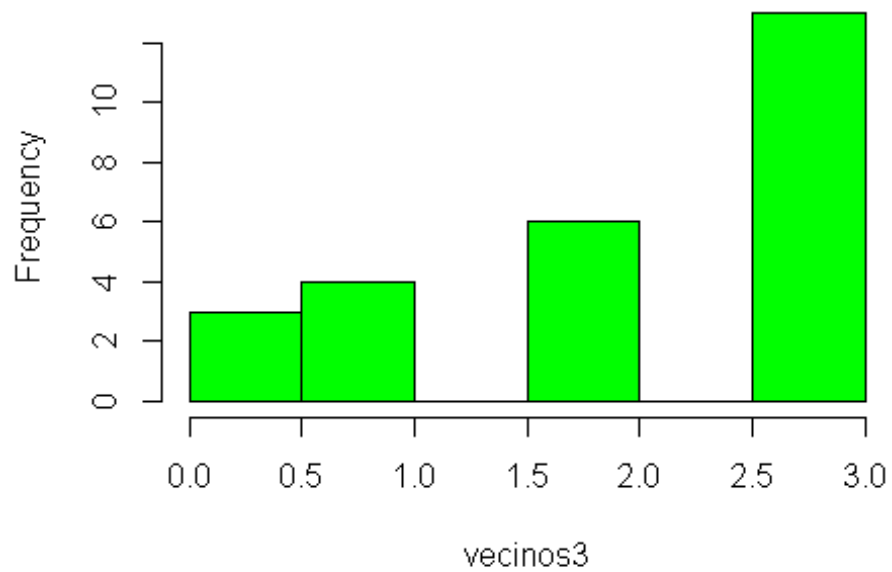
```
hist(datos$Vecinos, col="green")
```

**Histogram of datos\$Vecinos**



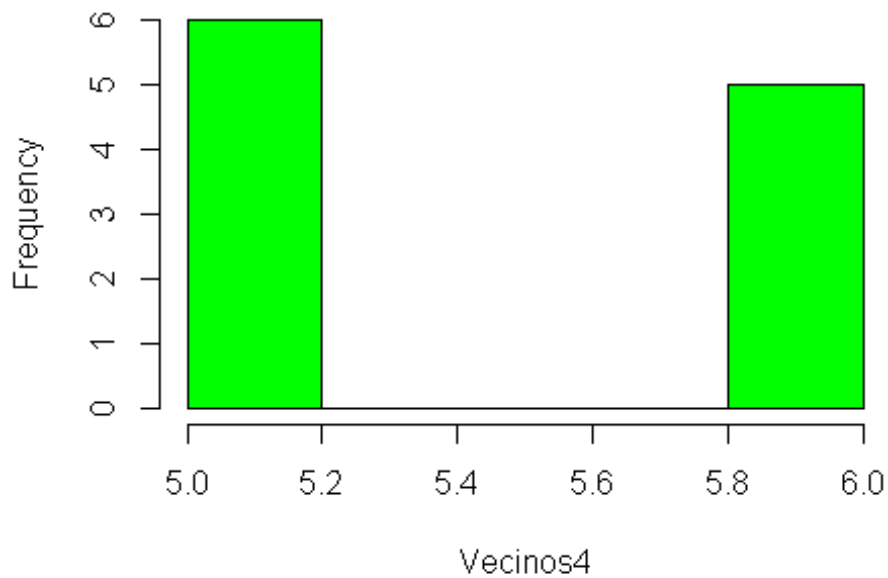
```
hist(vecinos3, col="green")
```

**Histogram of vecinos3**



```
hist(Vecinos4, col="green")
```

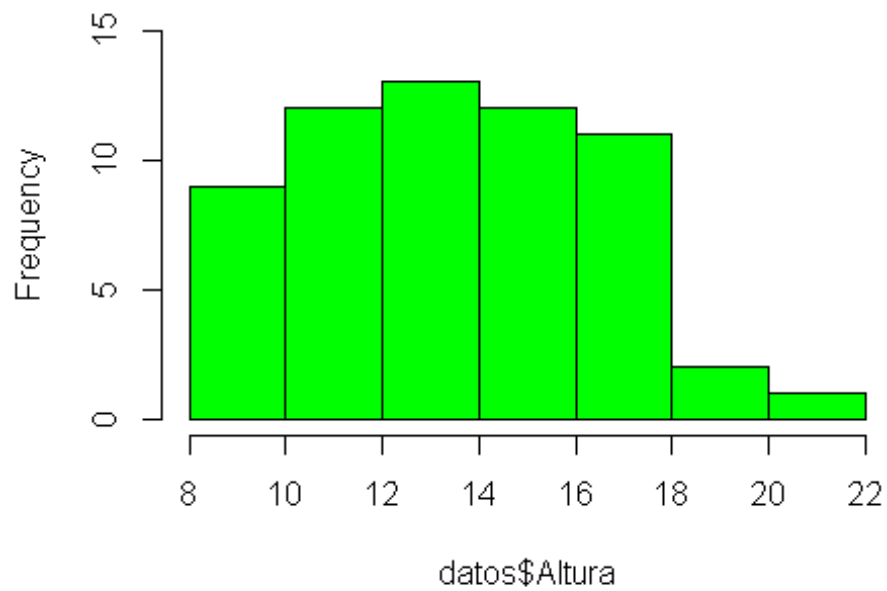
**Histogram of Vecinos4**



```
mean(H.media)
## [1] 11.53125
mean(H.16)
## [1] 12.85538
mean(datos$Altura)
## [1] 13.51933
mean(datos$Vecinos)
## [1] 3.366667
mean(vecinos3)
## [1] 2.115385
mean(Vecinos4)
## [1] 5.454545
mean(datos$Diametro)
## [1] 15.76167
mean(DBH.media)
```

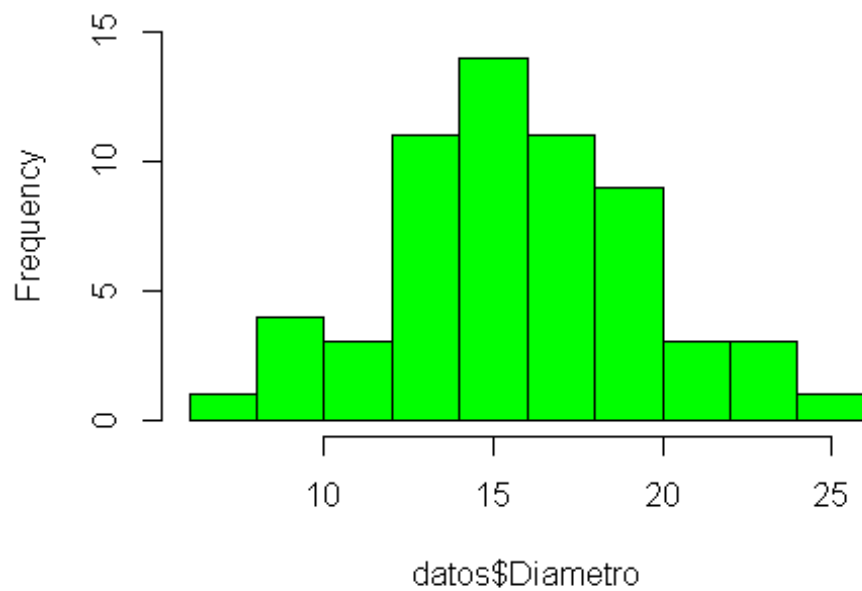
```
## [1] 13.256
mean(DBH.16)
## [1] 18.4375
sd(H.media)
## [1] 1.74653
sd(H.16)
## [1] 2.210549
sd(datos$Altura)
## [1] 2.87134
sd(datos$Vecinos)
## [1] 1.540049
sd(vecinos3)
## [1] 1.070586
sd(Vecinos4)
## [1] 0.522233
sd(datos$Diametro)
## [1] 3.600805
sd(DBH.media)
## [1] 2.098627
sd(DBH.16)
## [1] 1.815588
hist(datos$Altura,ylim=c(0,15), col="green")
```

**Histogram of datos\$Altura**



```
hist(datos$Diametro, ylim=c(0,15), col="green")
```

**Histogram of datos\$Diametro**



```
hist(datos$Vecinos, col="green")
```



**Histogram of datos\$Vecinos**

