

Clase_S04_D1.R

isa_r

2022-05-20

```
# AMANDA
# 09/02/2022
# semana 4 Sala de computo

setwd("C:/Users/isa_r/OneDrive - Universidad Autonoma de Nuevo León/2do.
SEMESTRE/PRINCIPIOS DE ESTADÍSTICA/Amanda_Estadistica_2022/CLASES")
# Importar datos -----
--

vivero <- read.csv("BD_vivero.csv", header = TRUE)
View(vivero)

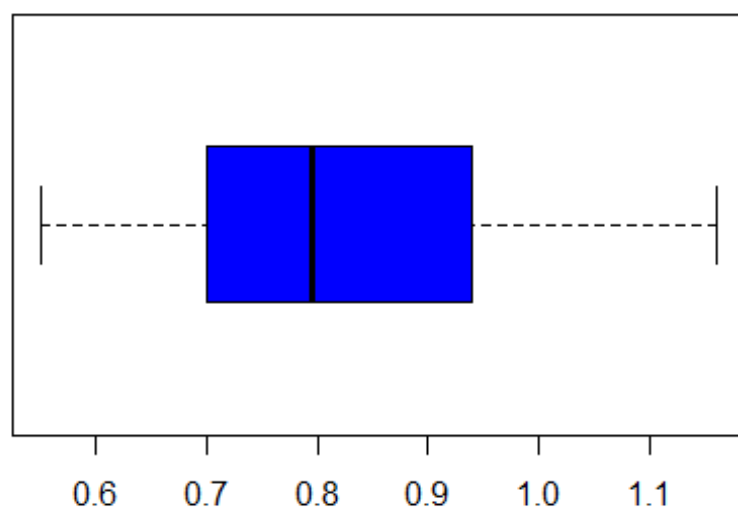
# Estadística descriptiva -----
--

# Medidas de tendencia central

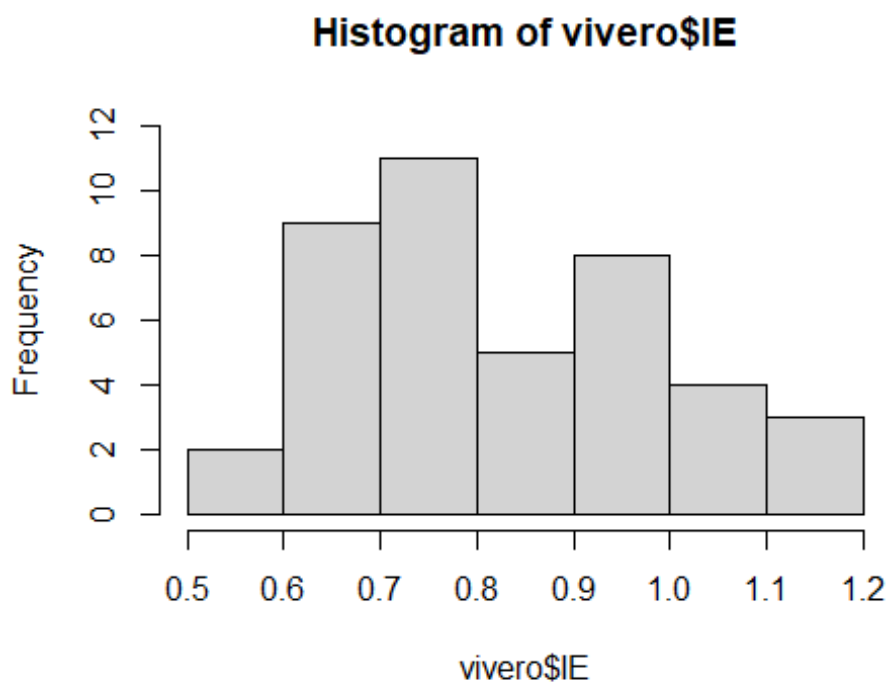
mean(vivero$IE)
## [1] 0.8371429
median(vivero$IE)
## [1] 0.795
range(vivero$IE)
## [1] 0.55 1.16
fivenum(vivero$IE)
## [1] 0.550 0.700 0.795 0.940 1.160

# representación gráfica

boxplot(vivero$IE, horizontal = TRUE, col = "blue")
```



```
hist(vivero$IE, ylim = c(0,12))
```



```
# tabla de frecuencia
```

```
?table
```

```
## starting httpd help server ... done
```

```
table(vivero$IE)
```

```
##
```

```
## 0.55 0.56 0.63 0.65 0.66 0.67 0.69 0.7 0.71 0.74 0.76 0.77 0.78 0.79  
0.8 0.87
```

```
## 1 1 2 2 1 1 1 2 2 1 1 1 3 2  
1 1
```

```
## 0.88 0.9 0.91 0.93 0.94 0.95 1 1.04 1.09 1.1 1.15 1.16
```

```
## 2 2 3 1 1 2 1 2 1 1 2 1
```

```
ftable(vivero$IE)
```

```
## 0.55 0.56 0.63 0.65 0.66 0.67 0.69 0.7 0.71 0.74 0.76 0.77 0.78 0.79  
0.8 0.87 0.88 0.9 0.91 0.93 0.94 0.95 1 1.04 1.09 1.1 1.15 1.16
```

```
##
```

```
## 1 1 2 2 1 1 1 2 2 1 1 1 3 2  
1 1 2 2 3 1 1 2 1 2 1 1 2 1
```