

Lista 5

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21 de outubro de 2016

Questão 1

a)

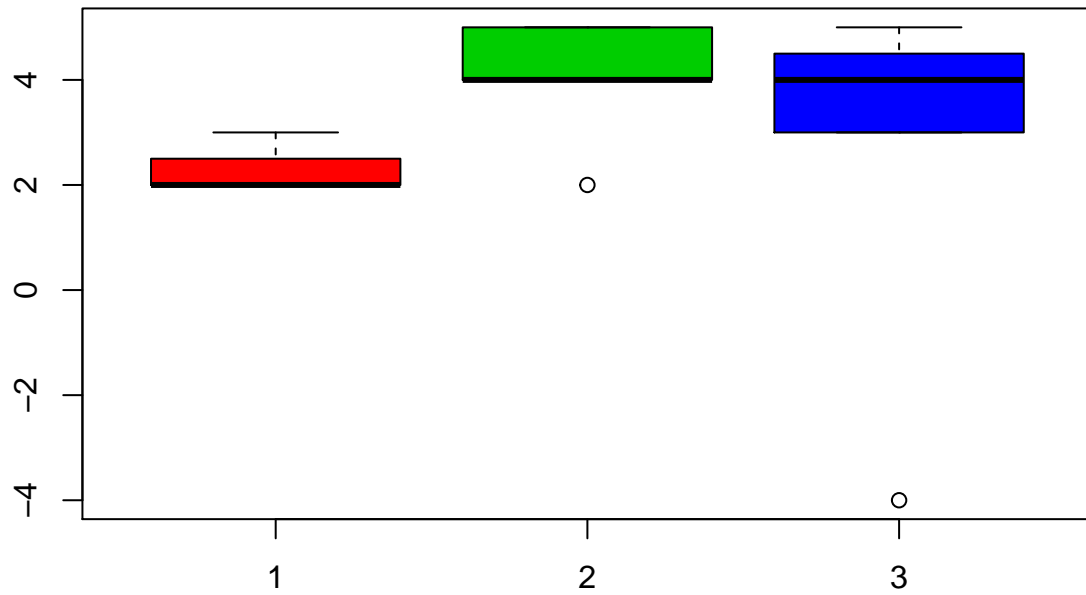
```
library(foreign)

df1 <- data.frame(metodo = rep(c("1", "2", "3"), each = 7),
                  antes = c(3, 1, 3, 1, 2, 1, 4,
                           4, 5, 5, 4, 3, 1, 2,
                           3, 2, 2, 3, 4, 5, 4),
                  depois = c(6, 4, 5, 3, 4, 3, 6,
                            8, 9, 7, 9, 8, 5, 7,
                            6, 7, 7, 7, 8, 1, 7))

df1$difer <- df1$depois-df1$antes

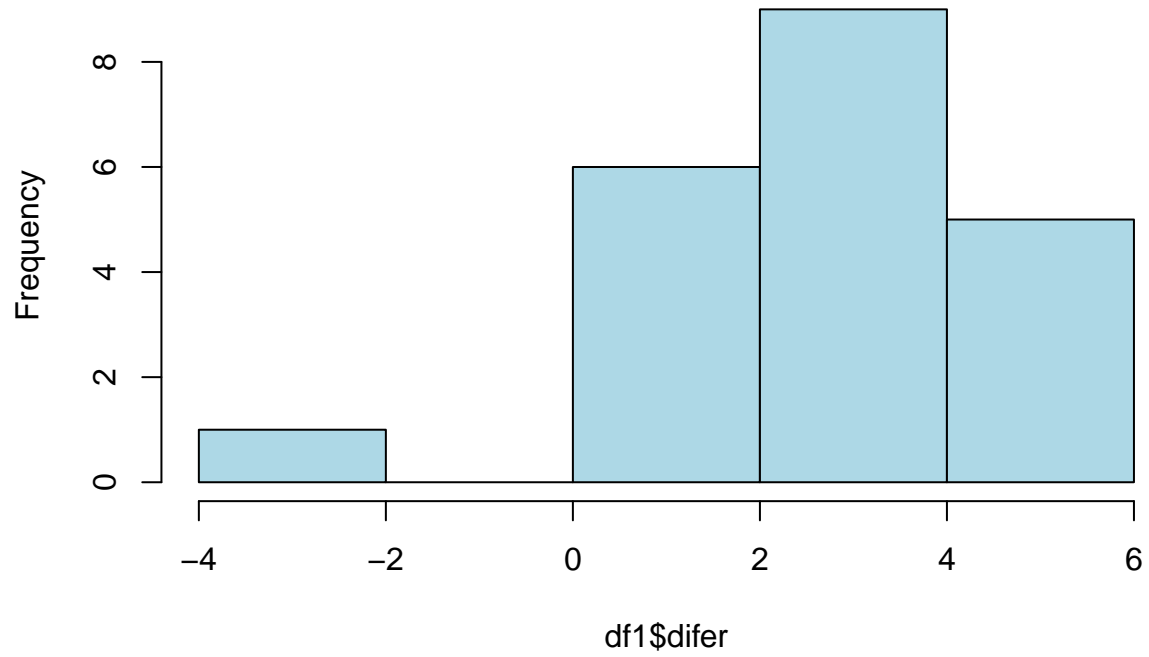
boxplot(df1$difer~df1$metodo, col = c(2, 3, 4), main = "Comparação entre Métodos")
```

Comparação entre Métodos



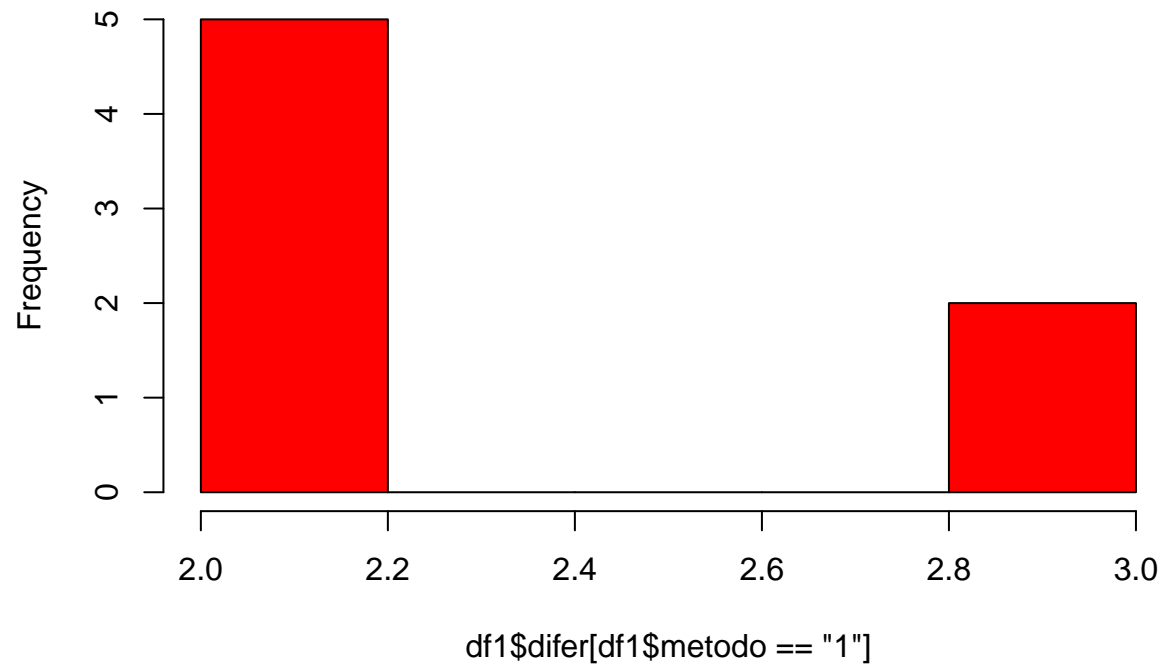
```
hist(df1$difer, col = "light blue")
```

Histogram of df1\$difer



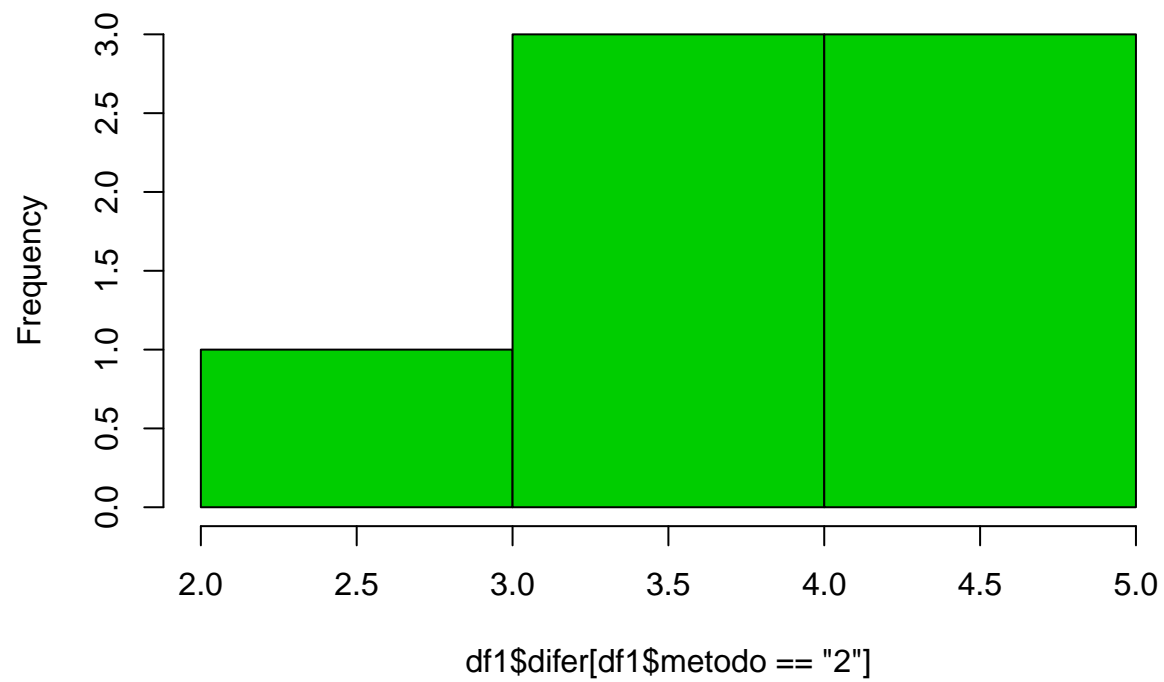
```
hist(df1$difer[df1$metodo == "1"], col = 2)
```

Histogram of df1\$difer[df1\$metodo == "1"]



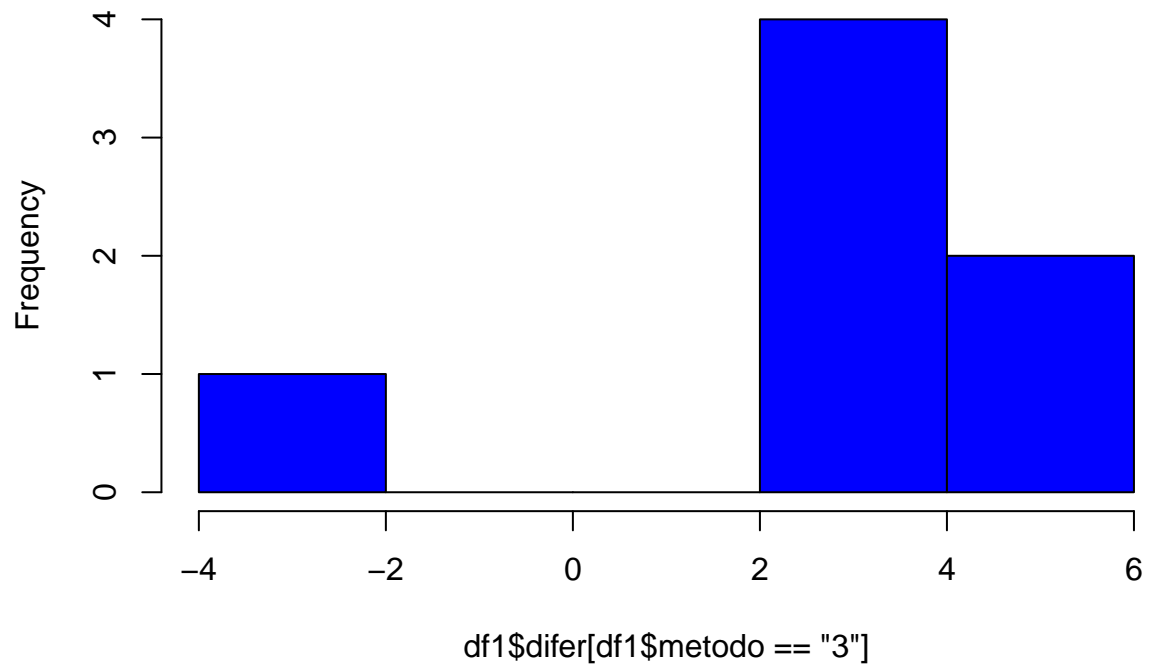
```
hist(df1$difer[df1$metodo == "2"], col = 3)
```

Histogram of df1\$difer[df1\$metodo == "2"]



```
hist(df1$difer[df1$metodo == "3"], col = 4)
```

Histogram of df1\$difer[df1\$metodo == "3"]



```
df2 <- read.dta("afMentalHealth.dta")
```