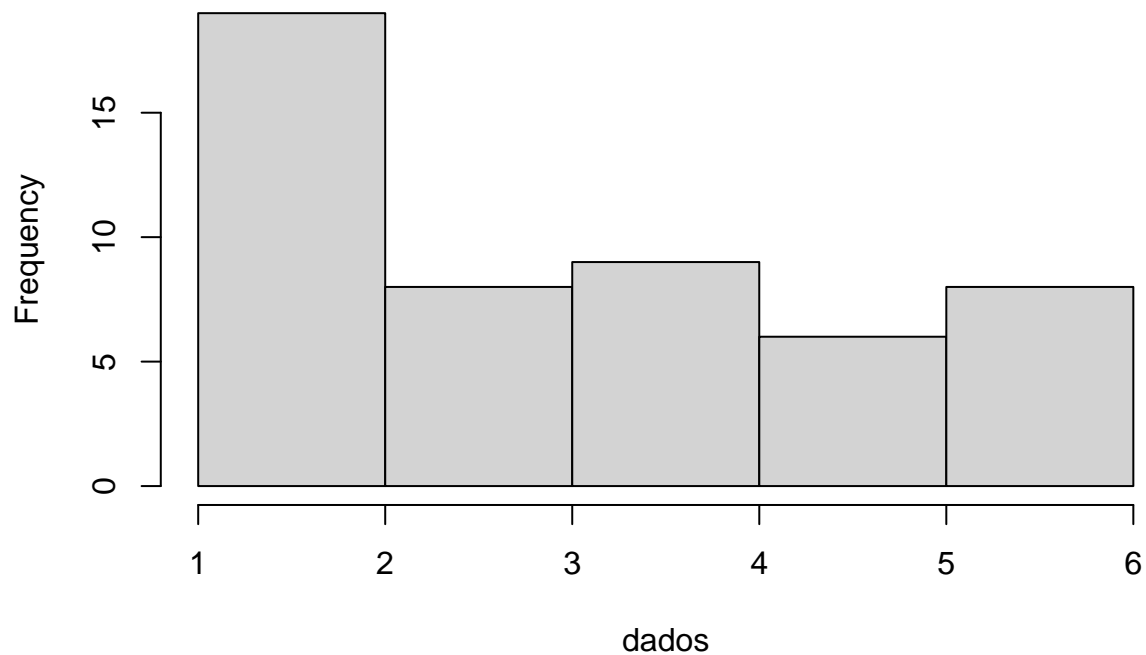# graficos.R

r2715615

2024-09-19
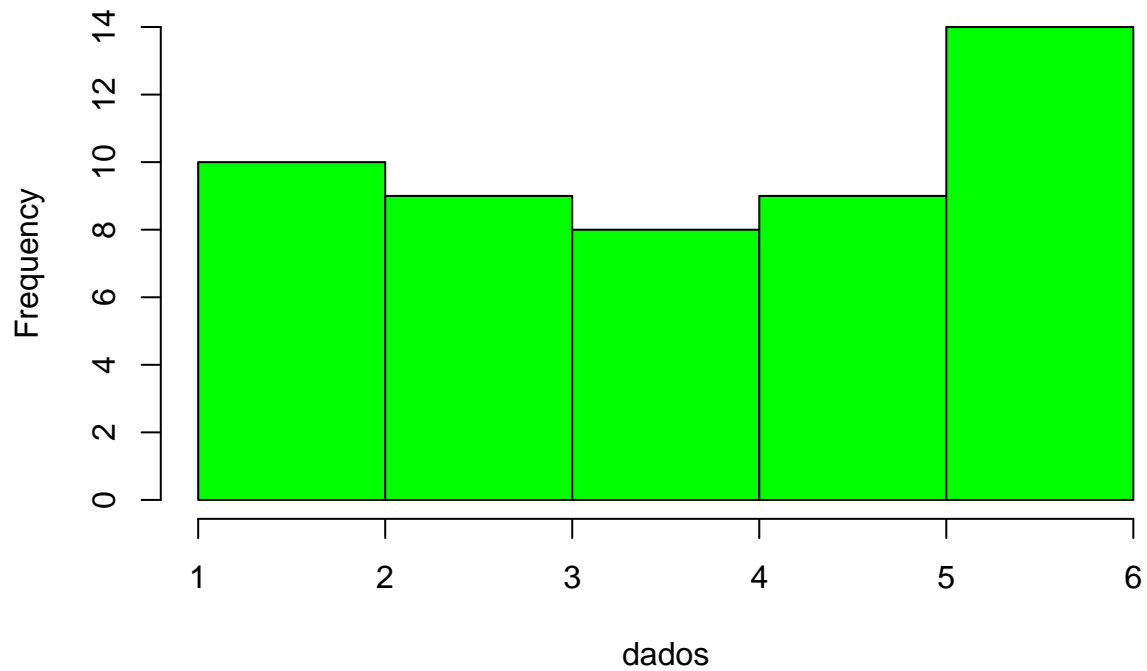
```r
#1)
dados<-c(5,4,6,1,2,5,3,1,3,3,
         4,4,1,5,5,6,1,2,5,1,
         3,4,5,1,1,6,6,2,1,1,
         4,4,4,3,4,3,2,2,2,3,
         6,6,3,2,4,2,6,6,2,1 )
hist(dados)
```

Histogram of dados


```r
hist(dados,
     right = F,
     main = "Números",
     col= "green"
     )
```
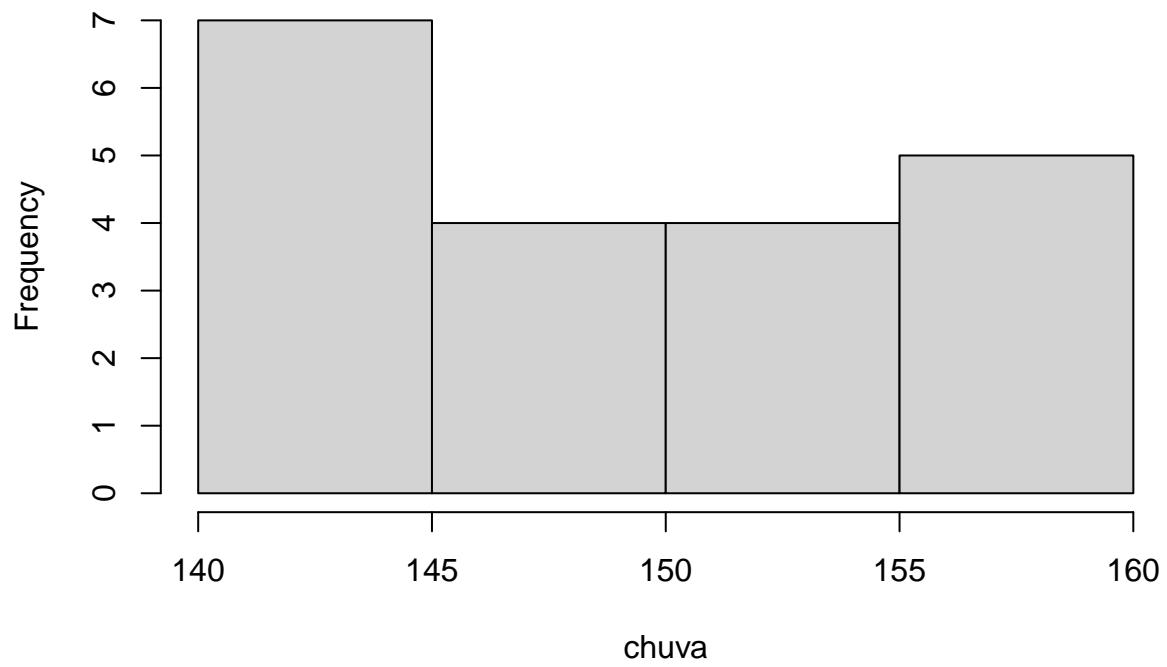
Números


```r
#2)
chuva<-c(144,152,159,160,
         160,151,157,146,
         154,145,151,150,
         142,146,142,141,
         141,150,143,158)
table(chuva)
```

```
## chuva
## 141 142 143 144 145 146 150 151 152 154 157 158 159 160
##   2   2   1   1   1   2   2   2   1   1   1   1   1   2
```
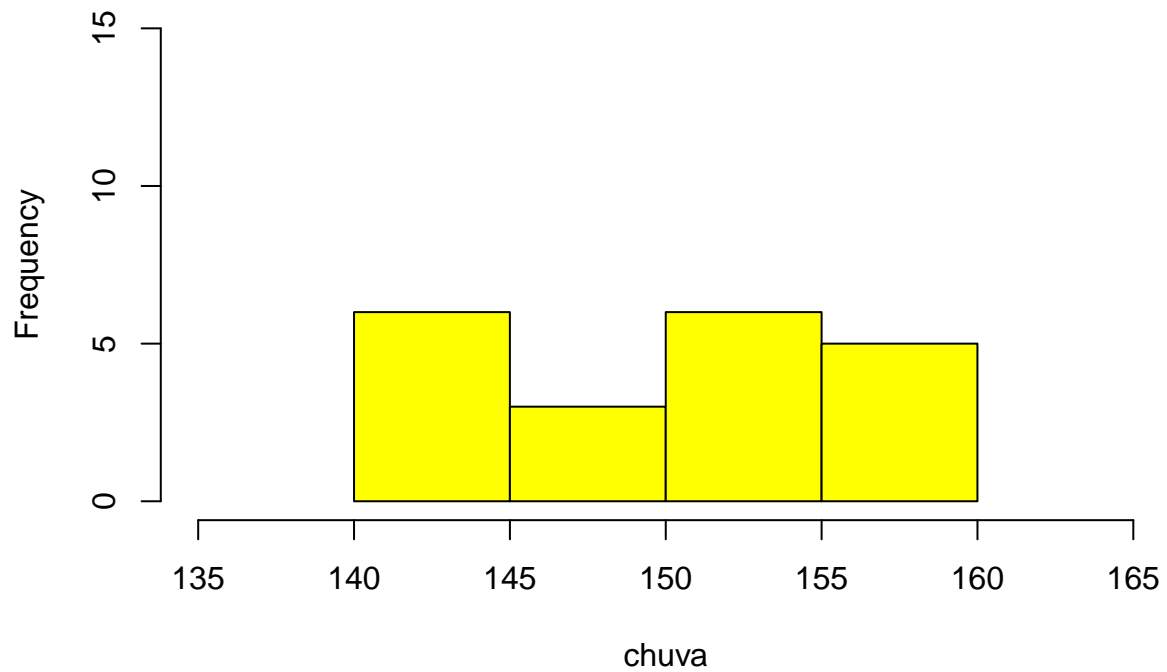
```r
hist(chuva)
```

Histogram of chuva
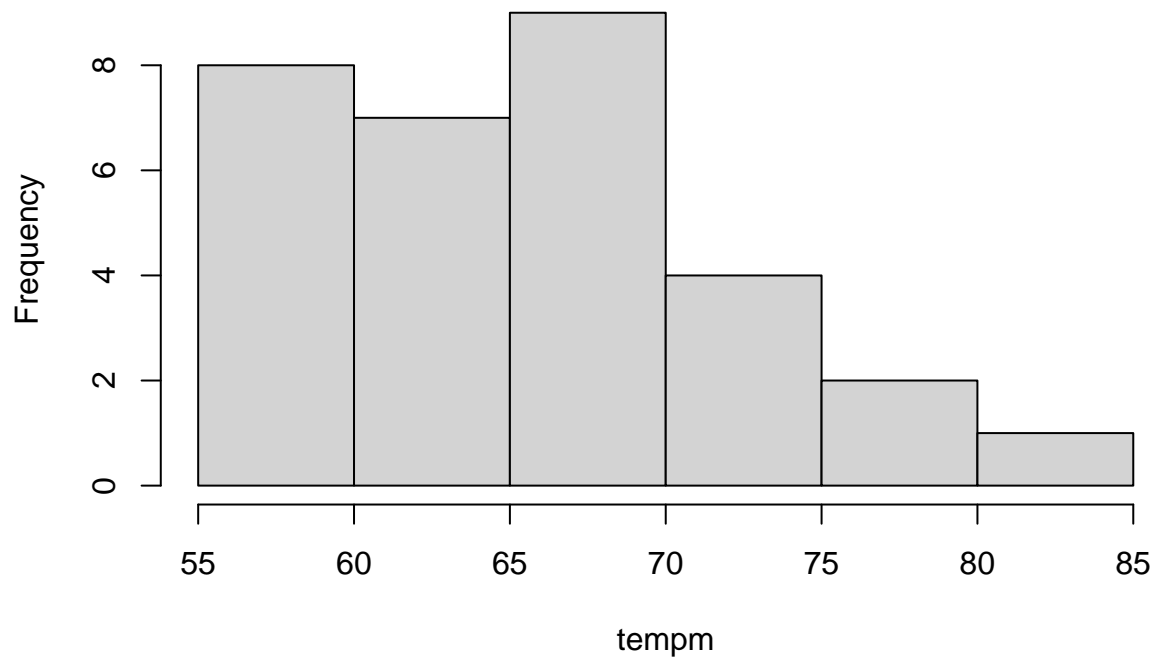


```r
hist(chuva,
    right= F,
    main = "chuva",
    col= "yellow",
    ylim = c(0,15),
    xlim = c(135,165),
)
```
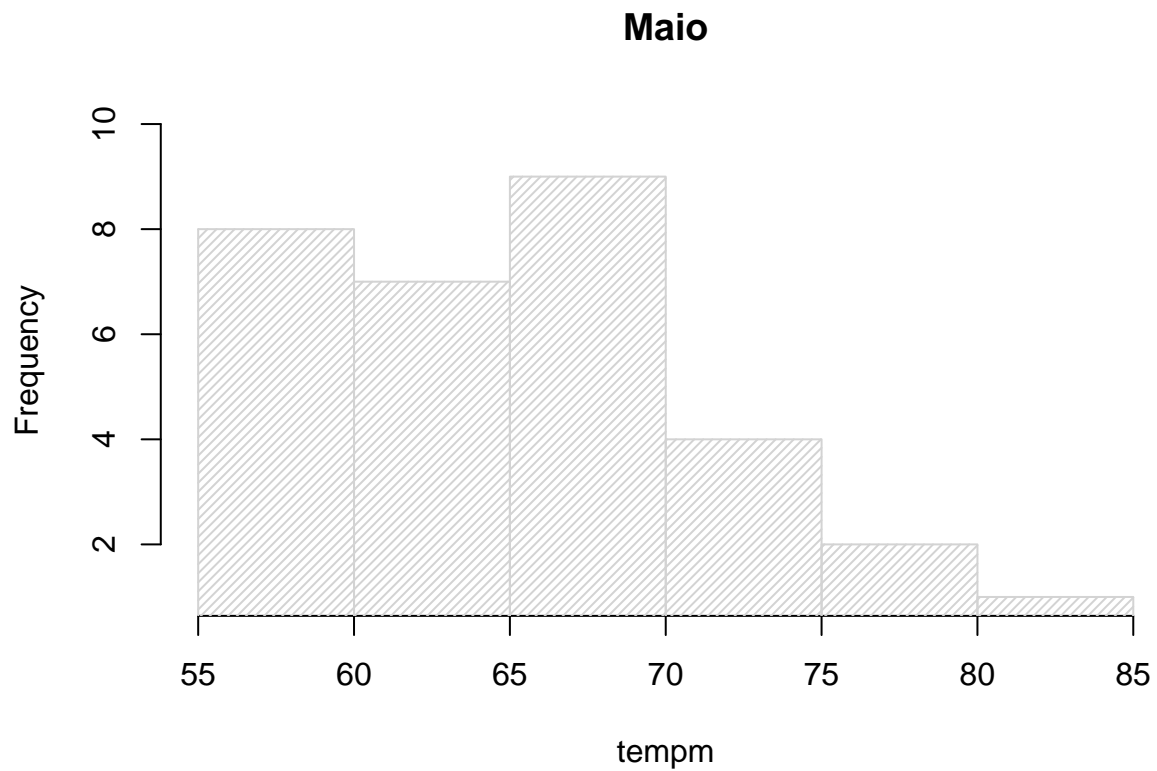
chuva


```
#3)
#a)
tempm=c(67,72,74,62,56,66,65,59,61,69,74,69,66,68,58,64,66,57,68,62,59,73,61,61,57,58,57
       ,67,81,79,76)
hist(tempm)
```
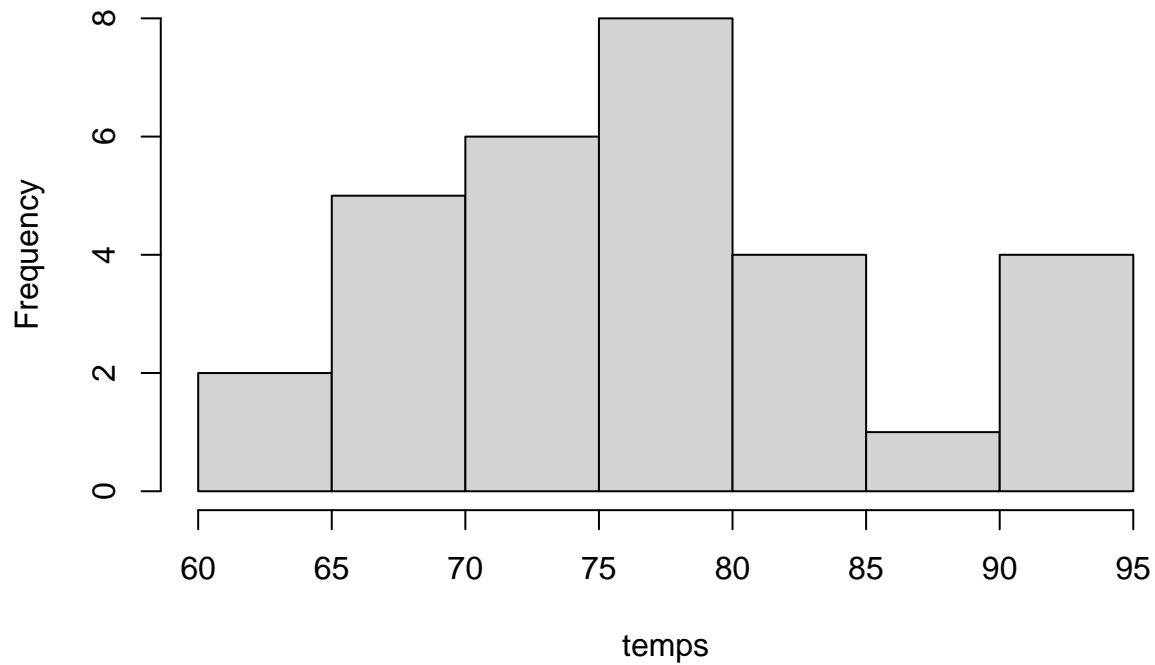
Histogram of tempm

```r
hist(tempm,main = "Maio", density=30, ylim = c(1,10)
    )
```


Maio

```r
#b)
temps=c(91,92,93,93,87,84,80,78,75,73,81,76,77,71,71,78,67,76,68,82,64,71,81,69,63,70,77,
        75,76,68)
hist(temps)
```

Histogram of temps


```r
hist(temps, main = "Setembro", density=30, col="violet", ylis= c(1,10)
    )
```
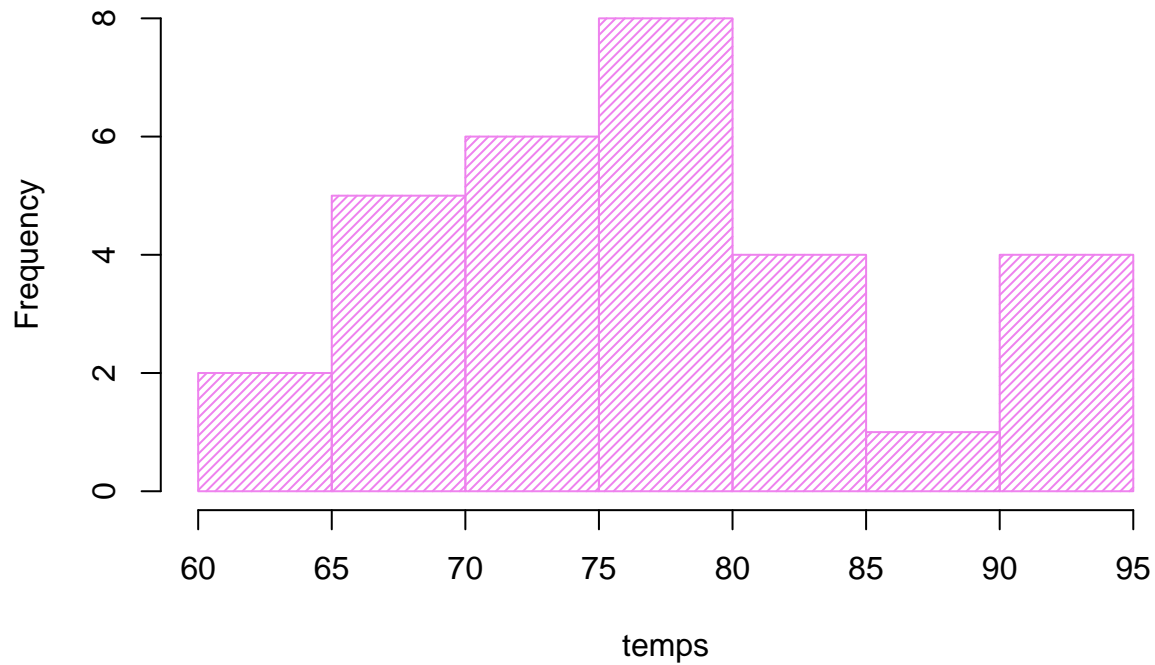
```
## Warning in plot.window(xlim, ylim, "", ...): "ylis" is not a graphical
## parameter
```

```
## Warning in title(main = main, sub = sub, xlab = xlab, ylab = ylab, ...): "ylis"
## is not a graphical parameter
```

```
## Warning in axis(1, ...): "ylis" is not a graphical parameter
```

```
## Warning in axis(2, at = yt, ...): "ylis" is not a graphical parameter
```
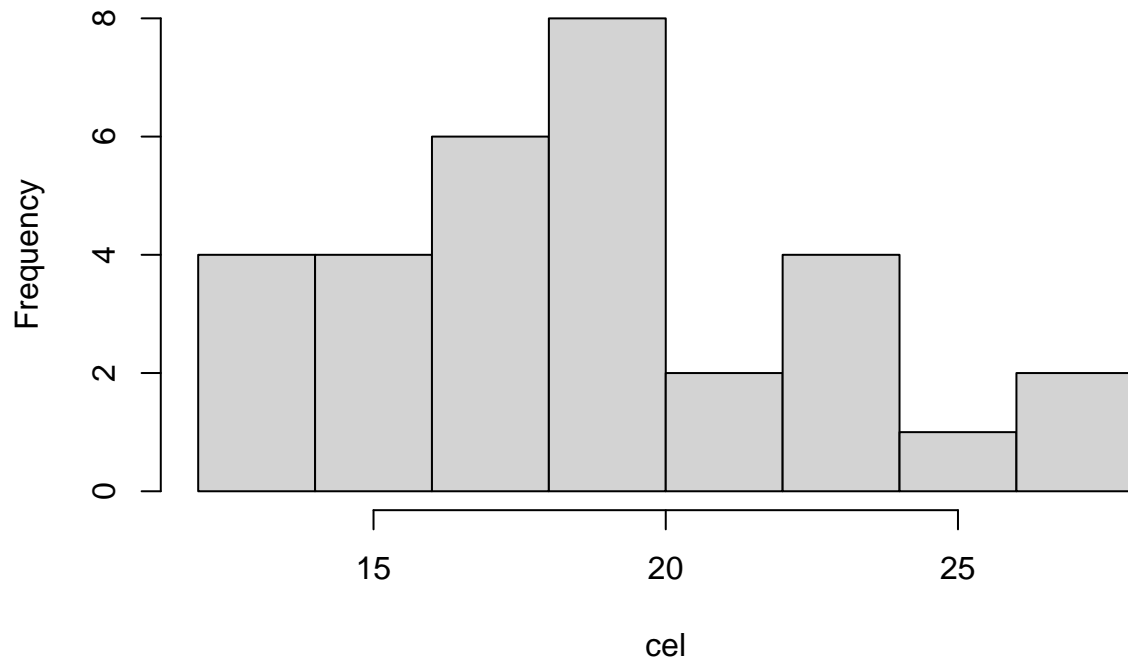
Setembro


```
#c)
maio<-c(67,72,74,62,56,66,65,59,61,69,74,69,66,68,58,64,66,57,68,62,59,73,61,61,57,58,57
        ,67,81,79,76)
cel<-(maio-32)/ 1.8
cel
```

```
##  [1] 19.44444 22.22222 23.33333 16.66667 13.33333 18.88889 18.33333 15.00000
##  [9] 16.11111 20.55556 23.33333 20.55556 18.88889 20.00000 14.44444 17.77778
## [17] 18.88889 13.88889 20.00000 16.66667 15.00000 22.77778 16.11111 16.11111
## [25] 13.88889 14.44444 13.88889 19.44444 27.22222 26.11111 24.44444
```

```
hist(cel)
```

Histogram of cel


```
hist(cel, main="chuvas em maio", ylim = c(0,20), xlim = c(10,30), density = 25, col="darkblue", nc=4
    )
```

chuvas em maio