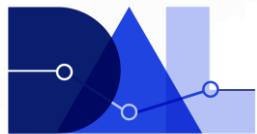




CEFET/RJ



Canvas



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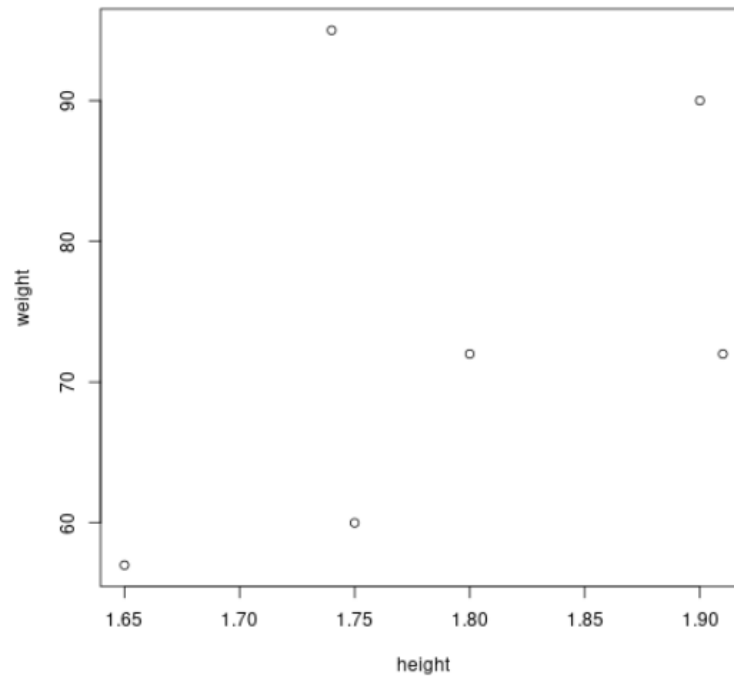
Plotagem de gráficos

```
weight <- c(60, 72, 57, 90, 95, 72)
height <- c(1.75, 1.80, 1.65, 1.90, 1.74, 1.91)
subject <- c("A", "B", "C", "D", "E", "F")
```



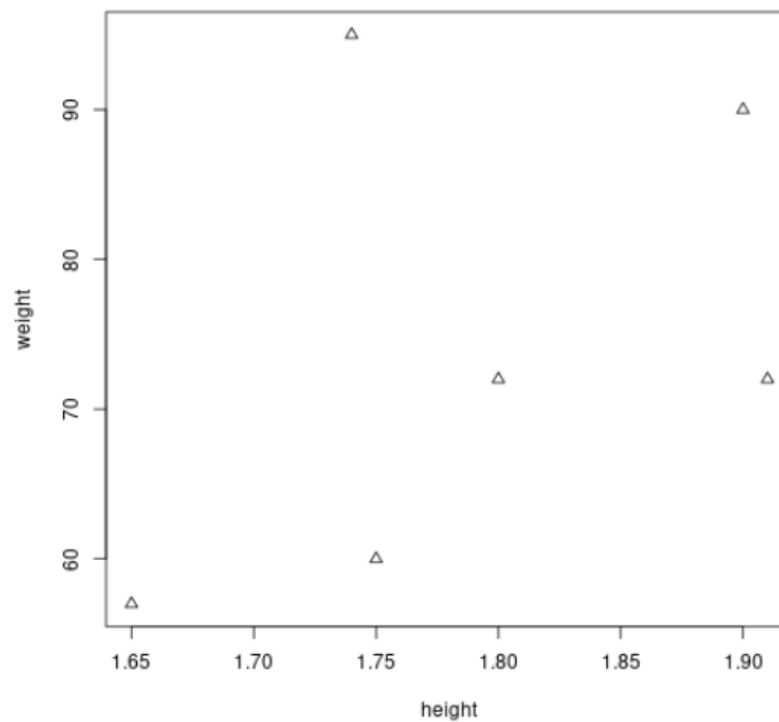
Gráfico scatter

```
plot(height, weight)
```



Formato do gráfico

```
plot(height, weight, pch=2)
```



```
plot(height, weight, pch=2)
```

Argumentos default

```
args(plot.default)
```



```
## function (x, y = NULL, type = "p", xlim = NULL, ylim = NULL,  
##     log = "", main = NULL, sub = NULL, xlab = NULL, ylab = NULL,  
##     ann = par("ann"), axes = TRUE, frame.plot = axes, panel.first = NULL,  
##     panel.last = NULL, asp = NA, xgap.axis = NA, ygap.axis = NA,  
##     ...)  
## NULL
```



?plot



plot.default {graphics}

R Documentation

The Default Scatterplot Function

Description

Draw a scatter plot with decorations such as axes and titles in the active graphics window.

Usage

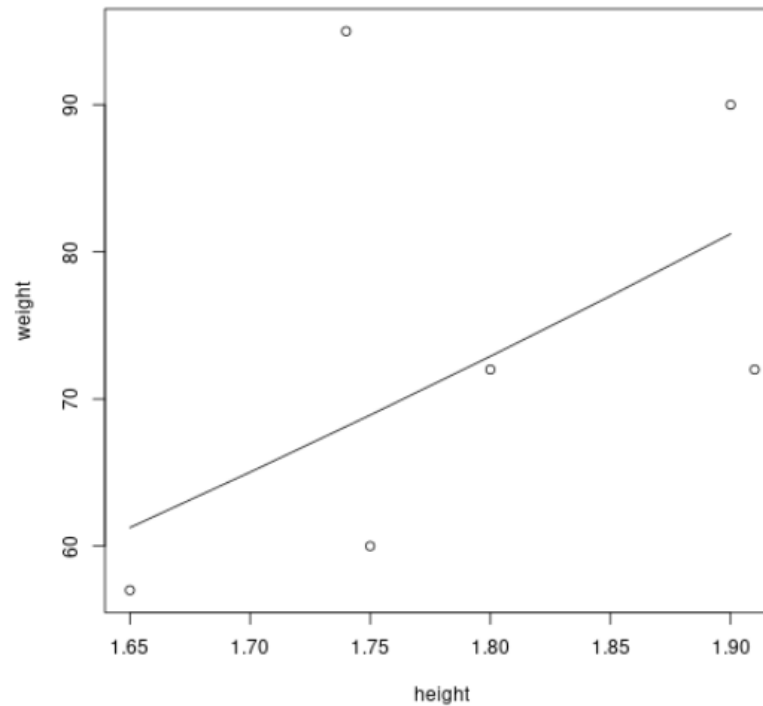
```
## Default S3 method:
plot(x, y = NULL, type = "p", xlim = NULL, ylim = NULL,
     log = "", main = NULL, sub = NULL, xlab = NULL, ylab = NULL,
     ann = par("ann"), axes = TRUE, frame.plot = axes,
     panel.first = NULL, panel.last = NULL, asp = NA,
     xgap.axis = NA, ygap.axis = NA,
     ...)
```

Arguments

- | | |
|---------------------------------|---|
| <code>x</code> , <code>y</code> | the <code>x</code> and <code>y</code> arguments provide the x and y coordinates for the plot. Any reasonable way of defining the coordinates is acceptable. See the function <code>xy.coords</code> for details. If supplied separately, they must be of the same length. |
| <code>type</code> | 1-character string giving the type of plot desired. The following values are possible, for details, see |

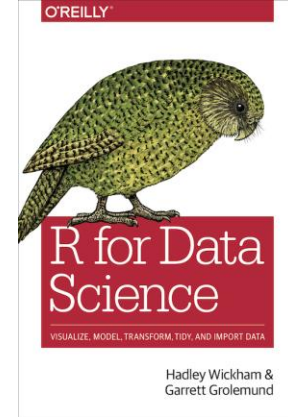
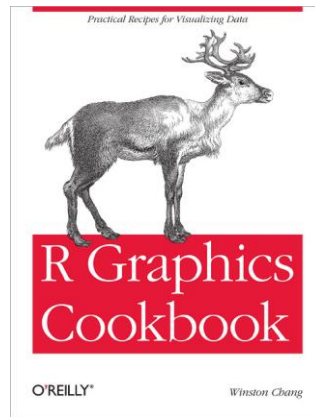
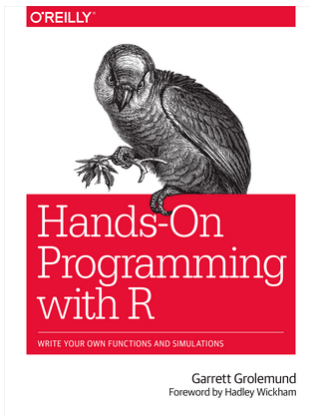
Canvas permanece ativo

```
plot(height, weight)  
hh = c(1.65, 1.70, 1.75, 1.80, 1.85, 1.90)  
lines(hh, 22.5 * hh^2)
```



Referências

Material: <https://eic.cefet-rj.br/~eogasawara/tutorial-r>



Hands-on Programming with R: <https://rstudio-education.github.io/hopr/index.html>

R Graphics Cookbook: <https://r-graphics.org>

R Packages: <https://r-pkgs.org/index.html>

R for Data Science: <https://r4ds.had.co.nz>

<https://rstudio-education.github.io/hopr/basics.html>