Estudo de Caso 01

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Lendo os arquivos de entrada do trabalho

Inicialmente iremos carregar os dois arquivos de entrada do trabalho.

```
imc_data <- read.csv(file = './imc_20162.csv')
summary(imc_data)
```

imc__20162

```
##        ID           Course    Gender     Height.m        Weight.kg
## Min.   : 1   ENGSIS:21   F:10   Min.   :1.56   Min.   : 43.00
## 1st Qu.:13   PPGEE :28   M:39   1st Qu.:1.69   1st Qu.: 59.00
## Median :25                      Median :1.75   Median : 71.00
## Mean   :25                      Mean   :1.74   Mean   : 72.55
## 3rd Qu.:37                      3rd Qu.:1.81   3rd Qu.: 81.00
## Max.   :49                      Max.   :1.89   Max.   :115.00
```

```
imc_data <- read.csv(file = './CS01_20172.csv', sep =";")
summary(imc_data)
```

```
##    Weight.kg        height.m      Sex       Age.years
## Min.   :46.00   Min.   :1.610   F: 4   Min.   :22.00
## 1st Qu.:60.00   1st Qu.:1.680   M:21   1st Qu.:24.00
## Median :69.00   Median :1.700          Median :27.00
## Mean   :69.16   Mean   :1.718          Mean   :28.16
## 3rd Qu.:79.00   3rd Qu.:1.760          3rd Qu.:31.00
## Max.   :90.00   Max.   :1.880          Max.   :39.00
```

Including Plots

You can also embed plots, for example:

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.