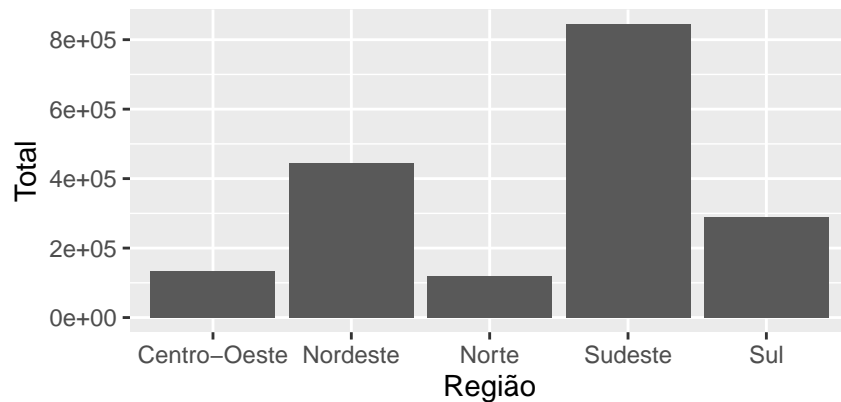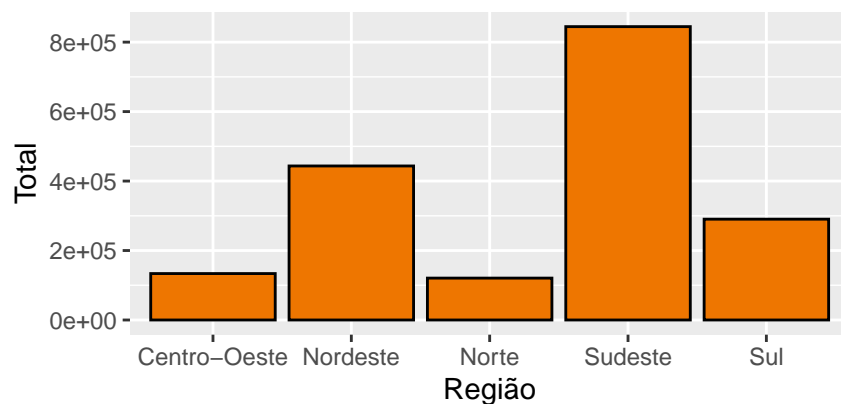# Plotting Amounts - Basic barplot

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Exercises

In this exercise you have to hand in the R script that produce each of the figures that are presented in each question. Use as reference the tutorial here. Load the file `data_mortalidade_Regiao.csv`. This file was obtained from this link. It contains the data for the year 2021. When reading the csv file use the option `check.names = F`. For this exercises you do not need to tidy the data. The information we need is already in columns.
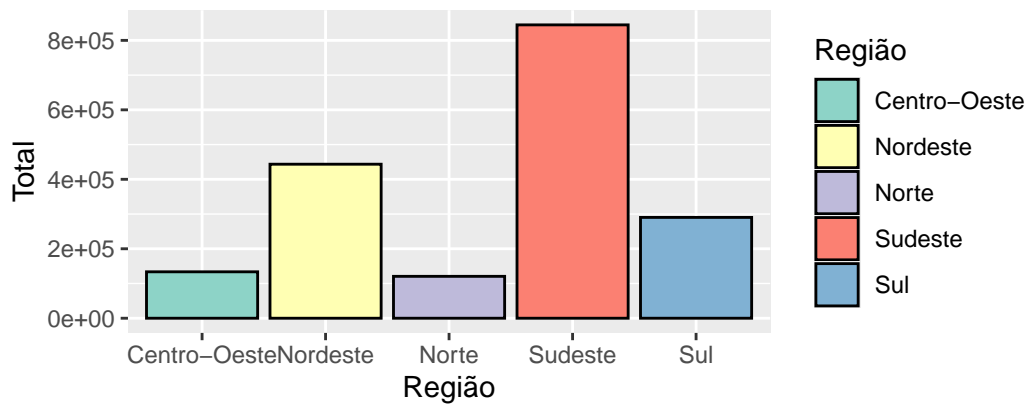
1. Inspect the file, check if it was correctly read. Note that there is an extra row indicating the `Total`, remove this row. Following the tutorial produce a simple graph as the one below:
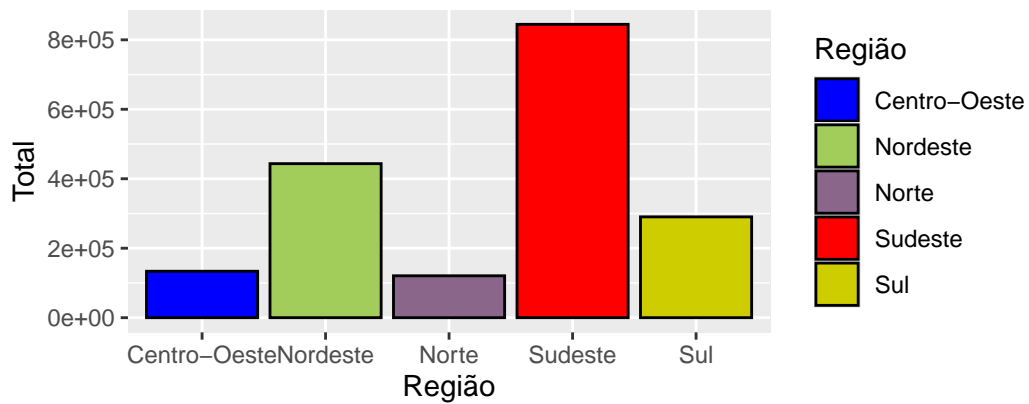

2. Now change the color of the line to black, and the colors of the bars to `darkorange2`
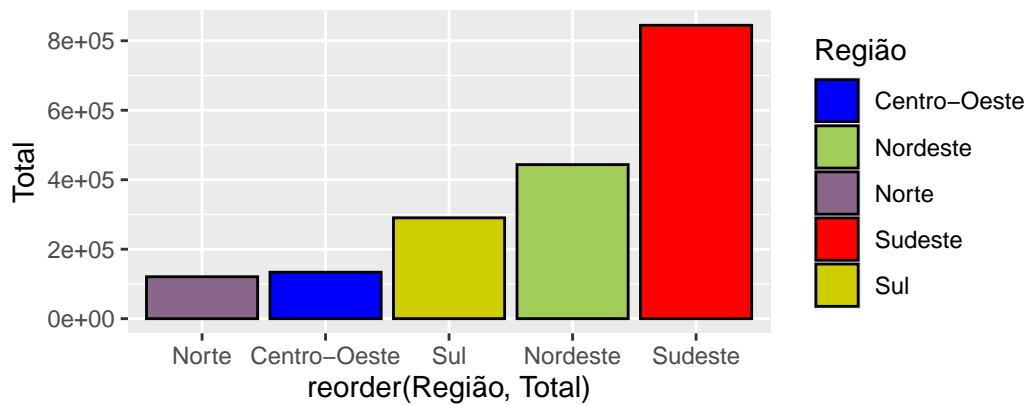
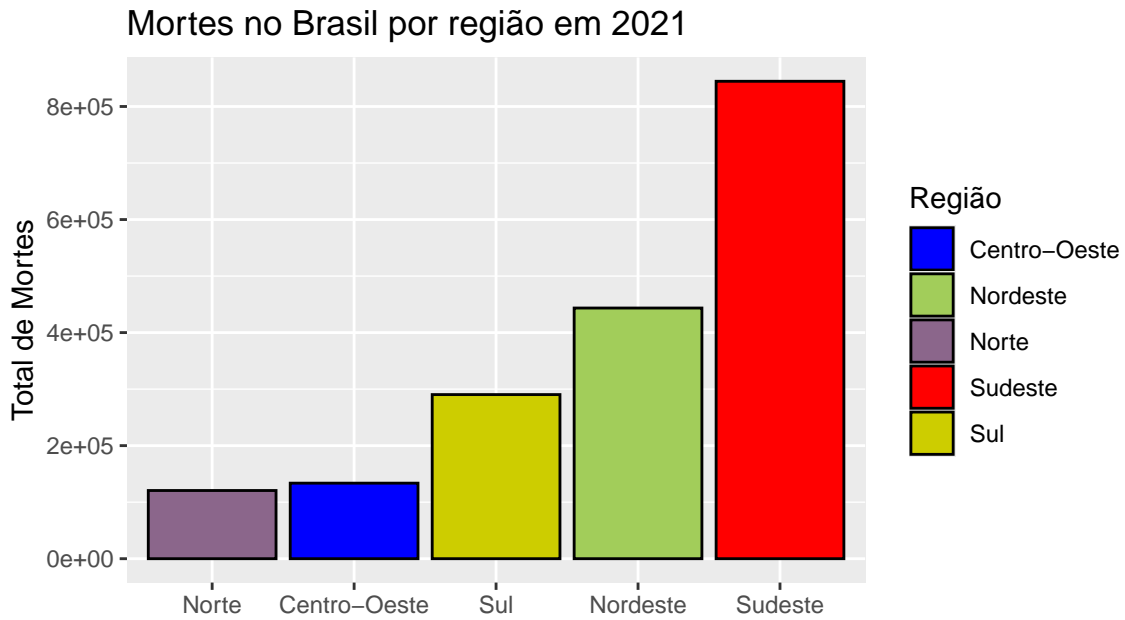3. Change the color of the fill using the brewer pallete Set3

4. Set the color manually to `blue`, `darkolivegreen3`, `plum4`, `red`, `yellow3`

5. Sort the bars in crescent order, using `aes(x=reorder(variable_in_x,variable that orders), y=....)`

7. Remove the label from x axis, label y axis as "Total de Mortes". Set the title to "Mortes no Brasil por região em 2021"

Mortes no Brasil por região em 2021

8. To finish the figure:
   a. Use `theme_light` with font size 12;
   b. Flip the coordinates;
   c. Set theme with `panel.grid.major.y` and `panel.grid.minor.y` to element_blank();
   d. Use `library(scales)` and change the notation of the number in y axis `scale_y_continuous(labels = comma_format(big.mark = ".", decimal.mark = ","))`

Mortes no Brasil por região em 2021