

EC 361–001

R Practice 6

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INSTRUCTIONS: R Practices have the purpose of making students comfortable with the basics of R and RStudio for empirical macroeconomic analysis.

In this practice, you will fully *customize* a set of plots, so that not only does your audience get informed, but also appreciate the care that you put on designing the visualization of your data.

Have fun!

Problem 1

Putting to practice all of your `ggplotting` knowledge learned so far, try your best to *replicate* the set of plots below. The data set is `inflation_lab6.csv` (available on [theSpring](#)), bringing the Consumer Price Index (CPI) for 4 countries measured by the [International Monetary Fund](#) (IMF).

If you do not get the custom fonts or colors exactly right, no worries. What matters is that you practice everything learned so far.

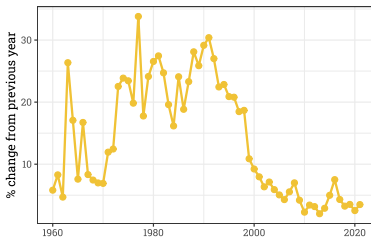
As a few hints, I have used the `{patchwork}` package to organize the plots layout, with the `theme_bw()`, from the `{ggthemes}` package, as the chosen theme. The custom font used was "Roboto Slab" from [Google Fonts](#), and the colors' hex codes chosen for each plot were:

- United States: `#cd271b`
- Colombia: `#f0c235`
- Cameroon: `#429a1b`
- New Zealand: `#594e4e`

Consumer Price Index, United States
1960 - 2021



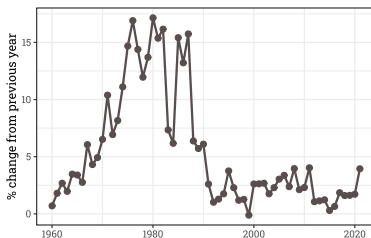
Consumer Price Index, Colombia
1960 - 2021



Consumer Price Index, Cameroon
1969 - 2021



Consumer Price Index, New Zealand
1960 - 2021



Source: International Monetary Fund.