

# MACROCHARTS

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# MACROECONOMIA DE CURTO PRAZO

## Modelo IS-LM para economia fechada

Nesta etapa, pasaremos a desenvolver “derivar” o modelo mais simples para a dinâmica IS-LM, que envolve uma economia fechada, para isso iniciaremos com a dedução do mercado de bens dessa economia. Na primeira etapa, será avaliado o gasto com investimento, que nesse modelo, é endógeno, pelo fato de ele estar condicionado a alterações na taxa de juros, em uma situação de de elevação da taxa de juros, menor será a taxa de investimento desejada ou planejada para está economia.

$$I = \bar{I} - bi \quad b > 0 \quad (1)$$

Em que na equação 1 se tem o gasto com investimento  $I$  que é determinado pelo investimento autônomo  $\bar{I}$ , pela taxa de juros  $i$  e pela sensibilidade do investimento em relação a taxa de juros  $b$  ddd Dickey and Fuller (1979)

$$f(k) = \binom{n}{k} p^k (1-p)^{n-k} \quad (2)$$

You may refer to it using 2

## exemple, resolvi não apagar por ter informações relevantes:

Vignettes are long form documentation commonly included in packages. Because they are part of the distribution of the package, they need to be as compact as possible. The `html_vignette` output type provides a custom style sheet (and tweaks some options) to ensure that the resulting html is as small as possible. The `html_vignette` format:

- Never uses retina figures
- Has a smaller default figure size
- Uses a custom CSS stylesheet instead of the default Twitter Bootstrap style

## Vignette Info

Note the various macros within the `vignette` section of the metadata block above. These are required in order to instruct R how to build the vignette. Note that you should change the `title` field and the `\VignetteIndexEntry` to match the title of your vignette.

## Styles

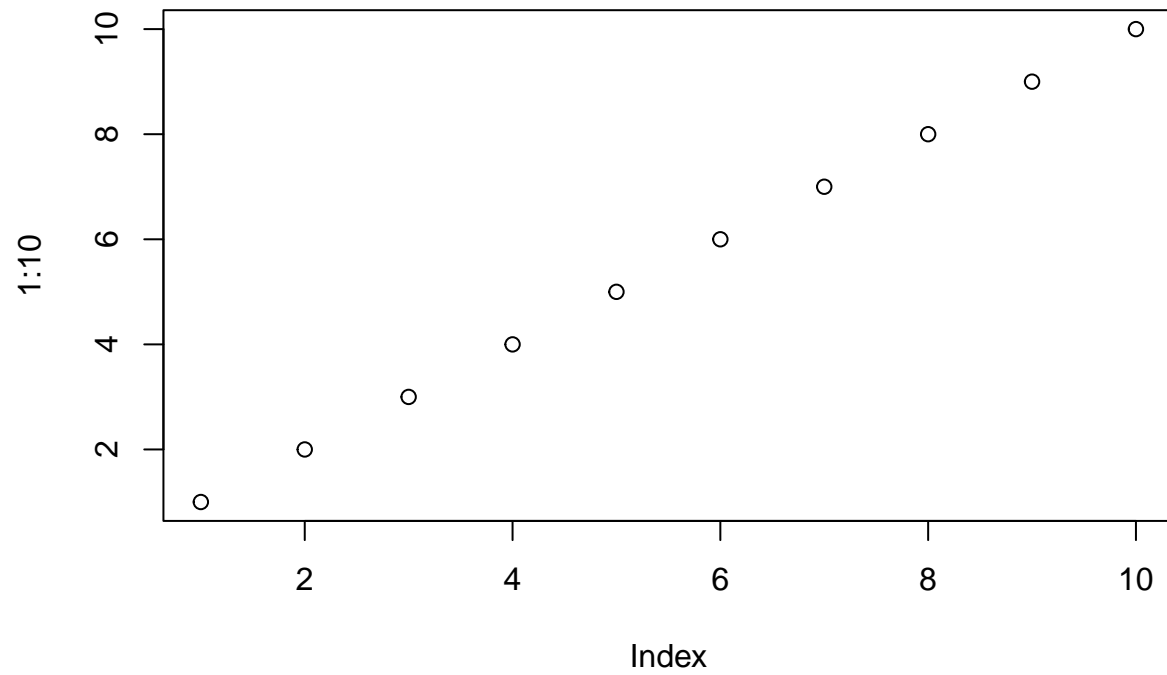
The `html_vignette` template includes a basic CSS theme. To override this theme you can specify your own CSS in the document metadata as follows:

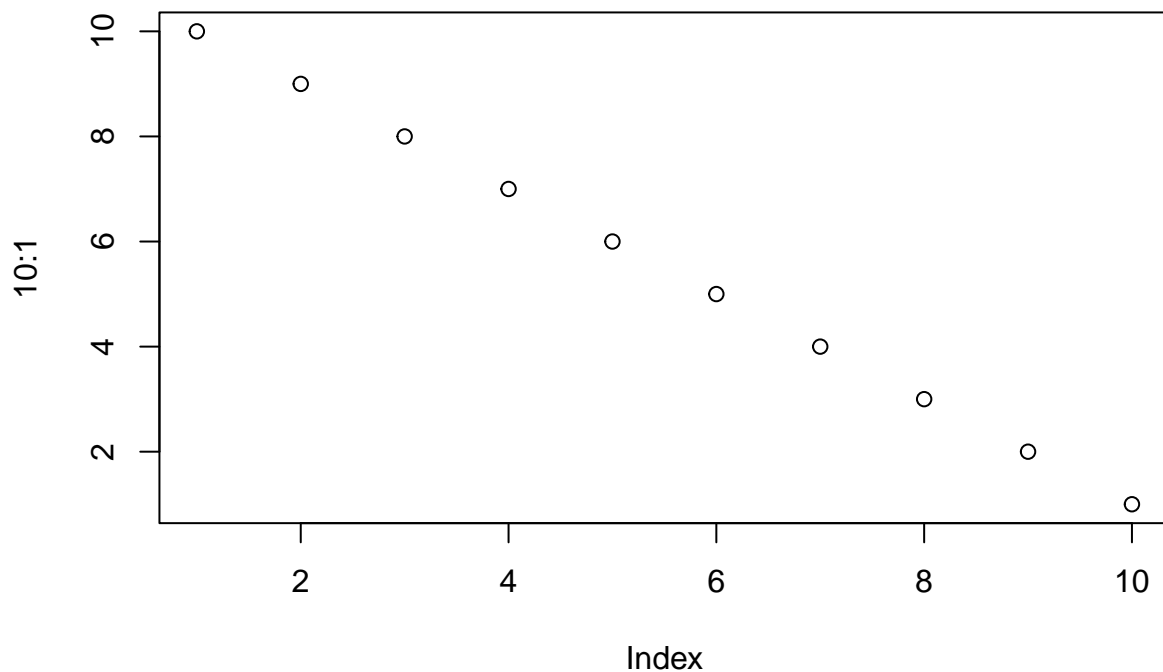
```
output:
  markdown::html_vignette:
    css: mystyles.css
```

## Figures

The figure sizes have been customised so that you can easily put two images side-by-side.

```
plot(1:10)  
plot(10:1)
```





You can enable figure captions by `fig_caption: yes` in YAML:

```
output:
  rmarkdown::html_vignette:
    fig_caption: yes
```

Then you can use the chunk option `fig.cap = "Your figure caption."` in `knitr`.

## More Examples

You can write math expressions, e.g.  $Y = X\beta + \epsilon$ , footnotes<sup>1</sup>, and tables, e.g. using `knitr::kable()`.

|                   | mpg  | cyl | disp  | hp  | drat | wt    | qsec  | vs | am | gear | carb |
|-------------------|------|-----|-------|-----|------|-------|-------|----|----|------|------|
| Mazda RX4         | 21.0 | 6   | 160.0 | 110 | 3.90 | 2.620 | 16.46 | 0  | 1  | 4    | 4    |
| Mazda RX4 Wag     | 21.0 | 6   | 160.0 | 110 | 3.90 | 2.875 | 17.02 | 0  | 1  | 4    | 4    |
| Datsun 710        | 22.8 | 4   | 108.0 | 93  | 3.85 | 2.320 | 18.61 | 1  | 1  | 4    | 1    |
| Hornet 4 Drive    | 21.4 | 6   | 258.0 | 110 | 3.08 | 3.215 | 19.44 | 1  | 0  | 3    | 1    |
| Hornet Sportabout | 18.7 | 8   | 360.0 | 175 | 3.15 | 3.440 | 17.02 | 0  | 0  | 3    | 2    |
| Valiant           | 18.1 | 6   | 225.0 | 105 | 2.76 | 3.460 | 20.22 | 1  | 0  | 3    | 1    |
| Duster 360        | 14.3 | 8   | 360.0 | 245 | 3.21 | 3.570 | 15.84 | 0  | 0  | 3    | 4    |
| Merc 240D         | 24.4 | 4   | 146.7 | 62  | 3.69 | 3.190 | 20.00 | 1  | 0  | 4    | 2    |
| Merc 230          | 22.8 | 4   | 140.8 | 95  | 3.92 | 3.150 | 22.90 | 1  | 0  | 4    | 2    |

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<sup>1</sup>A footnote here.

|          | mpg  | cyl | disp  | hp  | drat | wt    | qsec  | vs | am | gear | carb |
|----------|------|-----|-------|-----|------|-------|-------|----|----|------|------|
| Merc 280 | 19.2 | 6   | 167.6 | 123 | 3.92 | 3.440 | 18.30 | 1  | 0  | 4    | 4    |

Also a quote using >:

“He who gives up [code] safety for [code] speed deserves neither.” (via)

## References

Dickey, David, and Wayne A Fuller. 1979. “Distribution of the Estimators for Time Series Regressions with a Unit Root.” *Journal of the American Statistical Association* 74 (366): 427–31.