

Sunday, April 6, 2025

# Quarto Academic Typst<sup>\*</sup>

*A minimalistic Quarto + Typst template for academic writing*

Kazuharu Yanagimoto 

CEMFI

[kazuharu.yanagimoto@cemfi.edu.es](mailto:kazuharu.yanagimoto@cemfi.edu.es)

**ABSTRACT** Duis urna urna, pellentesque eu urna ut, malesuada bibendum dolor. Suspendisse potenti. Vivamus ornare, arcu quis molestie ultrices, magna est accumsan augue, auctor vulputate erat quam quis neque. Nullam scelerisque odio vel ultricies facilisis. Ut porta arcu non magna sagittis lacinia. Cras ornare vulputate lectus a tristique. Pellentesque ac arcu congue, rhoncus mi id, dignissim ligula.

**Keywords:** Quarto, Typst, format

This document shows a minimal example of the template. For more information, see the [full demo](#) and its [source](#).

## 1 Section as Heading Level 1

Section numbering can be specified in the YAML section-numbering field as other Typst templates.

### 1.1 Subsection as Heading Level 2

You can use LaTeX math expressions:

$$Y_{it} = \alpha_i + \lambda_t + \sum_{k \neq -1} \tau_h \{E_i + k = t\} + \varepsilon_{it}.$$

#### 1.1.1 Subsubsection as Heading Level 3

I don't use and don't recommend using heading levels 3 and below but it works.

### 1.2 Citation

You can cite a reference like this [1] or A. M. Horst, A. P. Hill, and K. B. Gorman [2]. Typst has some built-in citation styles. Check the [Typst documentation](#) for more information.

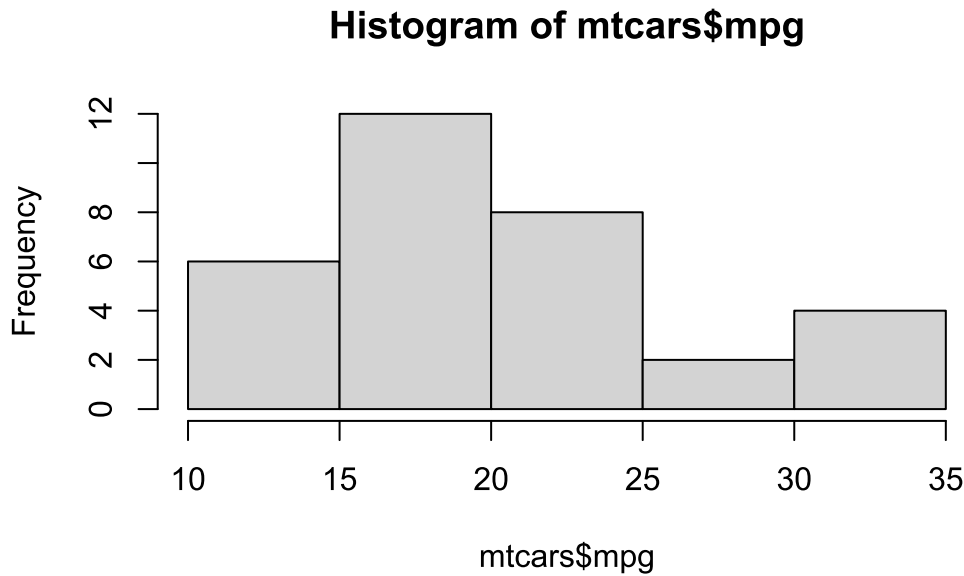
---

<sup>\*</sup>You can write acknowledgements here.

## 2 Figures and Tables

### 2.1 Figures

As Figure 1 shows, the caption is displayed below the figure. As a caption of the figure (`fig-cap`), I use bold text for the title and use a normal text for the description.



**Figure 1: Histogram of Miles per Gallon.** The x-axis shows the miles per gallon, and the y-axis shows the frequency.

### 2.2 Tables

You can use `tinytable` for general tables and `modelsummary` for regression tables.<sup>2</sup> As Table 1 shows, the caption is displayed above the table. The notes of the table can be added using the `notes` argument of the `tinytable::tt()` function.

**Table 1: Head of the mtcars Dataset**

mpg	cyl	disp	hp	drat
21.0	6	160	110	3.90
21.0	6	160	110	3.90
22.8	4	108	93	3.85
21.4	6	258	110	3.08
18.7	8	360	175	3.15

*Notes:* This table shows the first six rows of the mtcars dataset.

---

<sup>2</sup>Since the default backend of `modelsummary` is `tinytable`, you can use the customization options of `tinytable` for `modelsummary`.

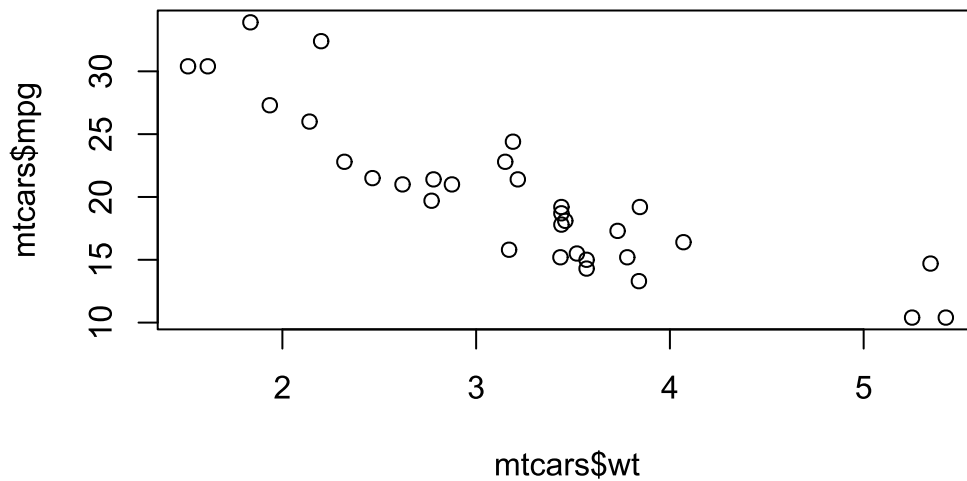
### **3 Last words**

I made this template for my working papers, so it may not be suitable for other fields than economics. I am happy to receive feedback and suggestions for improvement.

# Appendix

## A Supplemental Figures

The figure numbering will be reset to “A.1”, “A.2”, etc so that it is clear that these figures are part of the appendix.



**Figure A.1: Scatter Plot of Car Data.** The x-axis shows the weight of the car, and the y-axis shows the miles per gallon.

## References

- [1] H. Katsushika, “The Great Wave off Kanagawa.” [Online]. Available: [https://upload.wikimedia.org/wikipedia/commons/a/a5/Tsunami\\_by\\_hokusai\\_19th\\_century.jpg](https://upload.wikimedia.org/wikipedia/commons/a/a5/Tsunami_by_hokusai_19th_century.jpg)
- [2] A. M. Horst, A. P. Hill, and K. B. Gorman, “palmerpenguins: Palmer Archipelago (Antarctica) penguin data.” 2020. doi: [10.5281/zenodo.3960218](https://doi.org/10.5281/zenodo.3960218).