

Typpo Article Example

Subtitle

Author One
An organization
author.email

Author Two
Another Organization
author.email

July 17, 2025

Abstract—Your abstract goes here. This will appear prominently at the top of your document. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligulasit amet lacinia. Duis dignissim pellentesquemagna, rhoncus congue sapien finibus mollis. Uteu sem laoreet, vehicula ipsum in, convallis erat.

I. INTRODUCTION (FIRST LEVEL HEADING)

This is an example of my custom Quarto Typst format I refer to as my Typpo-article. This format is strictly intended for PDF output, though I may later incorporate some other HTML output. This format should be able to accommodate all of the usual Quarto features already available to the default Typst format; the differences are mostly formatting and layout. For instance, two columns are default but this can be changed back to single column by changing the format option `two-column = false`. In Typst, the spacing between lines—i.e., ‘leading’—is adjustable as is the spacing between paragraphs. Both of those options are available in this typpo-article format. The title, author block, and abstract are always placed in a single column.

Also, you can cross reference sections [Section III.A](#). For an introduction to Quarto, see <https://quarto.org/docs/get-started/>.

Lists (Second level heading)

I use dashes for my lists. I like these better than dots. I also use dashes for nested lists.

- Item 1
- Item 2
- Item 3
 - Nested item 1
 - Nested item 2

Enumerated lists are the same, so no real difference from Quarto (or rather, Markdown)

1. ordered list
2. item 2
 - i) sub-item 1
 - A. sub-sub-item 1

Including Tables

Table 1 : Some monthly numbers

month	count
2024-01-01	11159
2024-02-01	6460
2024-03-01	8850
2024-04-01	8471
2024-05-01	8681
2024-06-01	7710

Table 1 is produced by simply typing out a **markdown** table.

```
| month | count |
| ----- | ---- |
| 2024-01-01 | 11159 |
| 2024-02-01 | 6460 |
| 2024-03-01 | 8850 |
| 2024-04-01 | 8471 |
| 2024-05-01 | 8681 |
| 2024-06-01 | 7710 |

: Some monthly numbers {#tbl-simple}
```

Third level heading This third level heading should be in-paragraph, semi-bold, and italic. In text citations should be in prose form so Fillmore-Patrick (2025) states that there's a problem with using logit as a measurement or something.

II. MATHS

LaTeX math notation is automatically converted to Typst and as such works just fine either inline ($y_i = \alpha + \beta x_i + \epsilon_i$) or in display mode (Equation 1).

$$f(x \mid \mu, \sigma^2) = \frac{1}{\sqrt{2\pi\sigma^2}} \exp\left(-\frac{(x - \mu)^2}{2\sigma^2}\right) \quad (1)$$

Even better, you can use a Typst block to use the Typst syntax, allowing you to use both in one document:

$$A = \pi r^2$$

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III. TYPOGRAPHY

Fonts

The current font default is **STIX Two Text** but if that font is not found in the system, the template falls back¹ to the list of fonts below, all of which can

¹When the primary font contains no match, the Typst compiler embedded in Quarto will **fallback** to the list of fonts, then to fonts installed in the system. At least, that's as far as I understand it. Also, this is what footnotes look like.

be downloaded from **Google Fonts**. Here's a list of the fallback fonts² in a list

- STIX Two Text*
- Garamond
- Spectral
- Crimson Text
- Palatino Linotype
- Wittgenstein*
- Libertinus Serif

What font was used for this document

This text of this paragraph is in the default font, which is either **STIX Two Text** or the font set in the YAML option `mainfont`. Here's some inline math ($y_i = \alpha + \beta x_i + \epsilon_i$). Here's some more with numbers ($\bar{x} = 0, sd = 1; p = 0.05, conf = [2.56, 7.56]$) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligula sit amet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nullam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper. Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

This text of this paragraph is in **Palatino Linotype**. Here's some inline math ($y_i = \alpha + \beta x_i + \epsilon_i$). Here's some more with numbers ($\bar{x} = 0, sd = 1; p = 0.05, conf = [2.56, 7.56]$) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligula sit amet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nullam faucibus leo eget eros hendrerit, non laoreet ipsum

²The * asterisk denotes a **OpenType** variable font

lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper. Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

This text of this paragraph is in **Garamond**. Here's some inline math ($y_i = \alpha + \beta x_i + \epsilon_i$). Here's some more with numbers ($\bar{x} = 0, sd = 1; p = 0.05, conf = [2.56, 7.56]$) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligula sit amet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nullam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper. Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

This text of this paragraph is in *Wittgenstein*. Here's some inline math ($y_i = \alpha + \beta x_i + \epsilon_i$). Here's some more with numbers ($\bar{x} = 0, sd = 1; p = 0.05, conf = [2.56, 7.56]$) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligula sit amet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nullam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper. Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

IV. USING typst-function EXTENSION

This template embeds the **typst-function** extension, which lets you use Quarto syntax to call Typst functions.

More Information

If you want to use a function from Typst, you can create a div or span. This gets rendered using my **typst-function** Quarto filter. This extension is embedded within this template, so it requires no additional setup.

To get red colored text like this, use a div.

```
::: {.text arguments="fill:red"}
Like this. The text inside of the div
will be red
:::
```

Alternatively, you can encase the text in square brackets `[]` and then call the Typst function immediately after the text

```
[This text will be blue]{.text
arguments="fill:blue"}
```

This text will be blue

To add more Typst functions, add them to the “functions” metadata

Including code

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sagittis posuere ligula sit amet lacinia. Duis dignissim pellentesque magna, rhoncus congue sapien finibus mollis. Ut eu sem laoreet, vehicula ipsum in, convallis erat. Vestibulum magna sem, blandit pulvinar augue sit amet, auctor malesuada sapien. Nullam faucibus leo eget eros hendrerit, non laoreet ipsum lacinia. Curabitur cursus diam elit, non tempus ante volutpat a. Quisque hendrerit blandit purus non fringilla. Integer sit amet elit viverra ante dapibus semper. Vestibulum viverra rutrum enim, at luctus enim posuere eu. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.

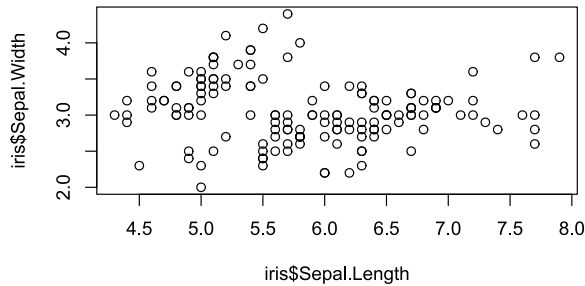


Figure 1 : According to ChatGPT, the Iris data set is a well-known dataset in the field of machine learning and statistics, often used for benchmarking algorithms. It consists of 150 observations of iris flowers from three species: Iris setosa, Iris versicolor, and Iris virginica. Each observation includes four features: sepal length, sepal width, petal length, and petal width, all measured in centimeters. This dataset is particularly useful for classification tasks as the species are distinct and easily separable based on the given measurements. In R, the dataset can be accessed using the datasets package with the command `data(iris)`.

Subfigures

Figures can be placed using code, Typst blocks, or using **Quarto's figure syntax**. To make a figure with subfigures, try:

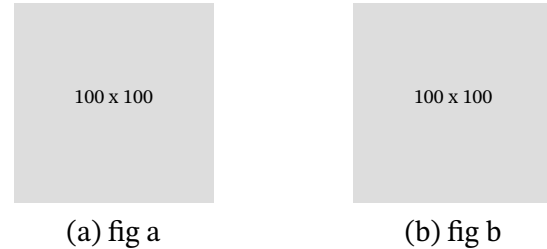


Figure 2 : Caption for the subfigures 1.

Full-width content

You can also include page-wide figures (or any other content) in documents that have more than one column. See **Figure 3** for an example. First, include

```
functions: place
```

in the document's YAML. Then, wrap your figure in a **Quarto div** like this:

```
::: {.place arguments='top, scope:
"parent", float: true'}
Everything here will span the whole
page.
:::
```

The above uses the Typst's `place()` function through the `typst-function` Quarto extension to place the div's content in "parent" scope (the document page is the column's parent) and must specify that Typst should treat the content as a float. `auto` indicates where the figure should be on the page, and can be either `auto`, `bottom`, or `top`. (Note `auto` and `bottom` can make the figure appear below footnotes.)

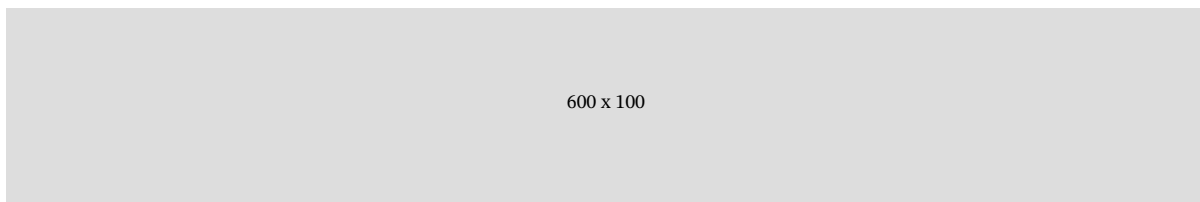


Figure 3 : Caption for the figure that spans the whole page.

V. QUARTO, TYPST, AND BIBLIOGRAPHY PROCESSING

By default, the template sets `citproc: true` in order to rely on Quarto processing of bibliography and references. Typst has its **own citation processing system**, but by default *typst* turns it off by using `citproc: true` to allow better bibliography customization and use of Quarto's **#refs div**. In your document, include

```
# References
```

```
::: {#refs}
:::
```

to display the bibliography section anywhere in the document. Read more at Quarto's **citations documentation**.

- When `citproc` is off (`citproc: false`)
 - `bibliography-title` (string) - Bibliography section title
 - Example: `bibliography-title:`
"References"
 - `bibliographystyle` (string) - Citation style [Quarto, Typst]
 - Example: `bibliographystyle:`
"chicago-author-date"

REFERENCES

Fillmore-Patrick, Stella. 2025. "The Logit Model Measurement Problem." *Philosophy of Science* 92 (2): 285–303. <https://doi.org/10.1017/psa.2024.25>.

APPENDIX FORMATTING

We can put more stuff here. Note that the lettering and numbering gets updated. Below we’ve added a section with a figure, **Figure A.1**.

Appendix subsection

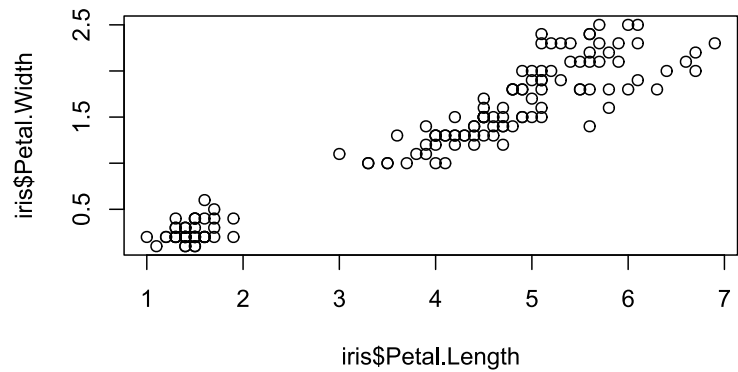


Figure A.1 : This is a caption to the plot. This is what captions look like and where they are placed.

Subsubsection

With a surprise sub-sub-section.

Table A.1 : Top R package downloads in June 2024

rank	package	count
1	rlang	1672290
2	ggplot2	1624767
3	cli	1389491
4	Rcpp	1386753
5	dplyr	1361177