# Typpo Article Example
## Subtitle

**Author One**
*An organization*
author@example.com

**Author Two**
*Another Organization*
email2@email.com

February 4, 2026

Abstract—*Your abstract goes here. This will appear prominently at the top of your document. Lorem ipsum dolor sit amet, consecte!tur 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

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 Fill-

more-Patrick (2025) states that there's a problem with using logit as a measurement or something. Then I will include a citation at the end of this sentence (Hauser, Ellsworth, and Gonzalez 2018; Fillmore-Patrick 2025).

## 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. Here's an example using a raw Typst block to type out some cool math equation:

```{=typst}
$ A = pi r^2 $
```

And here is what results:

$$A = \pi r^2$$

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.

## III. Typography

### Fonts

The current font default is STIX Two Text but if that font is not found in the system, the template falls back[1] to the list of fonts below, all of which can be downloaded from Google Fonts. Here's a list of the fallback fonts[2] in a list

– STIX Two Text*
– Wittgenstein*
– EB Garamond
– Spectral
– Crimson Text
– Libertinus Serif

Also note that you can set `mathfont` and `codefont` (i.e., `monofont`) in the YAML options. This template sets by default **STIX Math** for `mathfont`, and **Fira Code** for the `codefont`. In the examples below, all the math output is in the default `mathfont` as is the `codefont`. So it's up to you to find whatever fonts match your chosen `mainfont` default.

> 💡 Tip
>
> To check what fonts are installed and available on your system, run the following command in the terminal:
>
> ```
> quarto typst fonts
> ```

### *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

---

[1] When 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.

[2] The `*` asterisk denotes a OpenType variable font

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.

This text of this paragraph is in **EB 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 **Spectral**. 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 **Crimson Text**. 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 **Libertinus Serif**. 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

Now here is some example code (R code)

```
# create a 10 x 10 matrix (10 rows, 10
columns) of random values
X ← matrix(rexp(100, rate = 0.1),
nrow = 10, ncol = 10) |> round(3)
```

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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.

```
plot(iris$Sepal.Length,
iris$Sepal.Width)
```
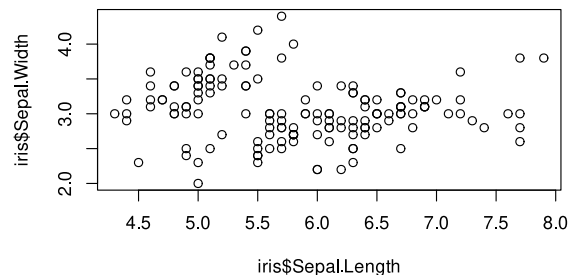


**Figure 1** : This is a caption to the plot. This is what captions look like and where they are placed by default.
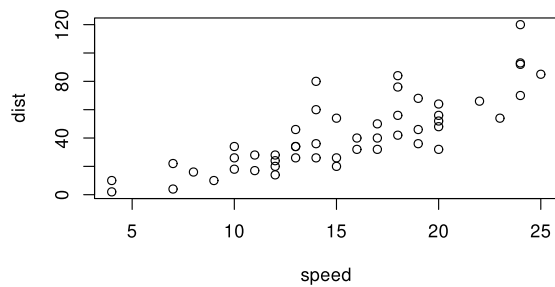
### Full-width content

You can also include page-wide figures (or any other content) in documents that have more than one column. First, include the following in the document's YAML:
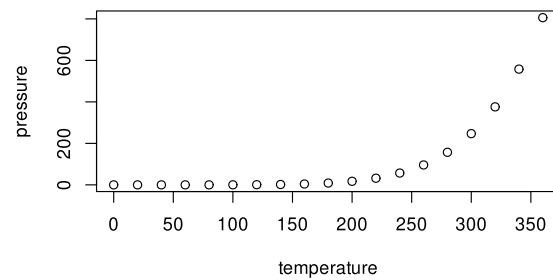
```
functions: place
```

Then, wrap your figure in a Quarto div like this:

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

This works by use of 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

(a) Fig a

(b) Fig b

**Figure 2** : Two Subfigures

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.)

***Subfigures*** Figures can be placed using code, Typst blocks, or using Quarto's figure syntax. Subfigures will look pretty bad in a two-column layout, so it is best to wrap the subfigures within the `::: {.place ...}` Div just mentioned. To produce a figure with subfigures, you can use an executable code block and wrap it in a Div in order to have both figures span the full width of the page:

### V. QUARTO, TYPST, AND BIBLIOGRAPHY PROCESSING

By default, the template does not rely on Quarto (or rather, Pandoc) for processing of bibliography and references.

Typst has its own built-in citation processing system, which *typpo* utilizes by default. Fair warning: using Typst citation processing disallows the ability to place the bibliography anywhere within the document; the References section will always be placed at the end of the document (after any appendices).

If you prefer to utilize Quarto's citation processing system, set `citeproc: true` in YAML to allow bibliography customization and use of Quarto's `#refs` div. Example:

```
# References

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

---

**i** Bibliography, References, Citations

- When `citeproc` is off ( `citeproc: false` )
  - `bibliography: references.bib`
  - `bibliography-title` (string) - Bibliography section title
    - Example: `bibliography-title: "References"`
  - `bibliographystyle` (string) - Typst built-in citation style
    - Example: `bibliographystyle: "chicago-author-date"`
- When `citeproc` is on ( `citeproc: true` )
  - `bibliography: references.bib`
  - `csl: "path/to/style.csl"`

---

Okay, to summarize, see note on the next page.

### *Conclusion*

That's all for now. Thanks. 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. Nunc ac dignissim magna. Vestibulum vitae egestas elit. Proin feugiat leo quis ante condimentum, eu ornare mauris feugiat. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris cursus laoreet ex, dignissim bibendum est posuere iaculis. Suspendisse et maximus elit. In fringilla gravida ornare. Aenean id lectus pulvinar, sagittis felis nec, rutrum risus. Nam vel neque eu arcu blandit fringilla et in quam. Aliquam luctus est sit amet vestibulum eleifend. Phasellus elementum sagittis molestie. Proin tempor lorem arcu, at condimentum purus volutpat eu. Fusce et pellentesque ligula. Pellentesque id tellus at erat luctus fringilla. Suspendisse potenti.

## 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*

```
plot(iris$Petal.Length, iris$Petal.Width)
```
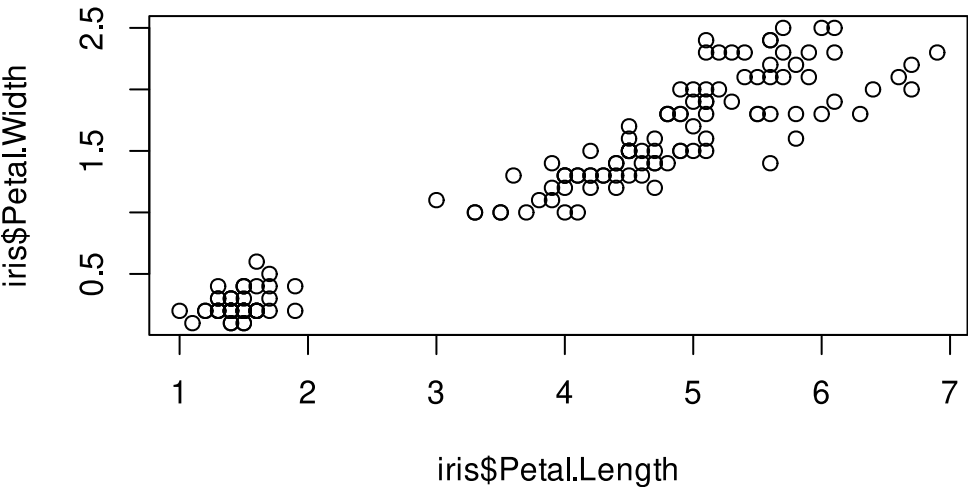


**Figure A.1** : This is a caption to the plot. This is what captions look like and where they are placed.

### *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 |

## 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.

Hauser, David J., Phoebe C. Ellsworth, and Richard Gonzalez. 2018. "Are Manipulation Checks Necessary?". *Frontiers in Psychology* 9 (June). https://doi.org/10.3389/fpsyg.2018.00998.