quarto-preprint: An example document

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This is an example Quarto document using the `preprint-typst` format.

Keywords: Quarto, Typst, extension, preprint
Words: 579

1 Introduction

This is an example `preprint-typst` document. Let us first take a look at body text and headings.

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This is an example author note.

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1.2 Floats

1.2.1 Tables

Here are a couple of example tables (Table 1, Table 2).

```
tinytable::tt(
  head(data, 2),
  digits = 2,
  notes = "Note. This is a footnote."
)
```

x	y
−0.63	1.4
0.18	−0.1

Note. This is a footnote.

Table 1: Table created with `tinytable::tt()`

x	y
−0.63	1.36
0.18	−0.10

Table 2: Table created with `knitr::kable()`

1.2.2 Figures

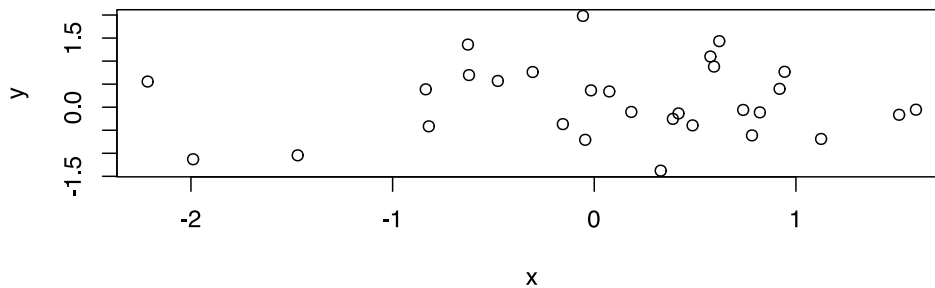Below is an example figure created in R (R Core Team, 2024) (Figure 1).

Figure 1: Example R scatterplot.

1.3 Quarto markdown features

1.3.1 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):

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

1.3.2 Block quotes

To insert a quote block, prepend a paragraph with >:

> A quote: "*Elit ullamcorper dignissim cras tincidunt lobortis feugiat vivamus at.*"

1.3.3 Callouts

Callout blocks, such as Tip 1, can be useful for highlighting content, such as one might do in a box that defines key terms, etc.

> 💡 All kinds of markup
>
> ```
> This is basic markdown: **bold text** & ~subscript~.
> ```
>
> This is basic markdown: **bold text** & subscript.

Tip 1:

1.3.4 Code listings

Code listings can also be cross-referenced (Listing 1).

```
1 + 1
## [1] 2
```

Listing 1: R code for pRos.

```
1 + 1 + 1
```

```
[1] 3
```

R Core Team. 2024. "R: A Language and Environment for Statistical Computing. Version 4.4.0." Vienna, Austria: R Foundation for Statistical Computing.

References

R Core Team. (2024,). *R: A Language and Environment for Statistical Computing. Version 4.4.0.*