

Simart Template

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This document is a template demonstrating the Simart format. In addition to few tips on how to use quarto for producing articles.

Introduction

This is a very simple template for the creation of academic articles. It is based on the documentclass article. It has also been adapted so it includes the information of authors, thank you note, corresponding author information, etc. Using APA7th for citations.

It also provides a quick review of some of the options I learn to use to create sections of interest. Just for fun, it also generates LIPSUM text, to fill the rest of the text.

Citing documents

There are two ways to cite documents. One is using standard author(year) format, as well as a (author, year) format.

In the first case you use @CameronTrivedi2013 to obtain Cameron and Trivedi (2013).

In the second case you use [CameronTrivedi2013] to obtain (Cameron and Trivedi 2013).

Math

You can write math in-line using latex standard syntax. For example β would create β .

To write longer equations you need to use
$$before and after the expression. I find it useful to start a new line to do so. As in the following example:$$

```
$$y = \beta X + \varepsilon
$$
```

$$y = \beta X + \varepsilon$$

For multiple equation formulas, it may be convenient to use `\begin{aligned}` and `\end{aligned}`.

```
$$
\begin{aligned}
y &= \beta X + \varepsilon \\
\varepsilon &\sim N(0, \sigma^2)
\end{aligned}
$$
```

$$\begin{aligned} y &= \beta X + \varepsilon \\ \varepsilon &\sim N(0, \sigma^2) \end{aligned}$$

These equations can be easily cross referenced using `{#eq-something}` after `$$`. Instead of something, we just need a unique id to call to. For example:

```
$$
\begin{aligned}
y &= \beta X + \varepsilon \\
\varepsilon &\sim N(0, \sigma^2)
\end{aligned}
$$\{#eq-ols}
```

$$\begin{aligned} y &= \beta X + \varepsilon \\ \varepsilon &\sim N(0, \sigma^2) \end{aligned} \tag{1}$$

This can now be referenced using `@eq-ols`, this will provide Equation 1.

Tables and cross-references

Starting with Quarto 1.4 it is really simple to add tables and cross-reference in text.

Table 1

abc	1	2
def	2	3

Adding pictures as tables

```
::: {#tbl-table1}  
{fig-align=center}  
Table made with a pciture  
:::
```

@tbl-table1: Table 1 is a table that was constructed in Excel, saved as figure, and reused in quarto.

Adding Mark down as tables

Adding HTML as tables

Adding Latex as tables

Adding References section

to add reference section at the end of your document, you can use the following code:

```
# References {.unnumbered}  
  
::: {#refs}  
:::
```

The option `{.unnumbered}` request not to add a number to the section. whereas the fenced code request to add the references in the section of your choice.

References

Cameron, A. Colin, and Pravin K. Trivedi. 2013. *Regression Analysis of Count Data*. 2nd ed. Cambridge: Cambridge University Press.

Appendix on how to add an appendix

I find that adding an appendix requires to pieces of code. First, after reference one may add to start a new page. And use the latex code `\appendix`, to start the appendix section.

second appendix

sub appendix