Template for preparing your research report submission to PeerJ using RMarkdown

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ABSTRACT

The abstract of the article. It can also be on *multiple* lines.

INTRODUCTION

Your introduction goes here! Some examples of commonly used commands and features are listed below, to help you get started.

If you have a question, please use the help menu in the top right of the screen to get in touch. When your article or pre-print is complete, use the "Submit to PeerJ" button in the topbar to send your files to PeerJ.

About PeerJ

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SOME LaTeX EXAMPLES

Use section and subsection commands to organize your document. LaTeX handles all the formatting and numbering automatically. Use ref and label commands for cross-references.

Figures and Tables

Use the table and tabular commands for basic tables — see Table @ref(tab:widgets), for example. You can upload a figure (JPEG, PNG or PDF) using the project menu. To include it in your document, use the includegraphics command as in the code for Figure @ref(fig:view) below.

Standard LaTeXreferences will work as well (e.g. Fig. 1).

Table 1. (#tab:widgets) An Example Table.

Item	Quantity
Widgets	42
Gadgets	13

Figure 1. An example image.

Citations

LaTeX formats citations and references automatically using the bibliography records in your .bib file, which you can edit via the project menu. Use the cite command for an inline citation, like Figueredo and Wolf (2009), and the citep command for a citation in parentheses (Figueredo and Wolf 2009).

Mathematics

LaTeX is great at typesetting mathematics. Let $X_1, X_2, \ldots, X_n$ be a sequence of independent and identically distributed random variables with $\mathrm{E}[X_i] = \mu$ and $\mathrm{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \cdots + X_n}{n} = \frac{1}{n}\sum_{i}^{n} X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

Lists

You can make lists with automatic numbering ...

1. Like this,
2. and like this.

or bullet points...

- Like this,
- and like this.

or with descriptions...

- **Word** Definition
- **Concept** Explanation
- **Idea** Text

We hope you find writeLaTeX useful for your PeerJ submission, and please let us know if you have any feedback. Further examples with dummy text are included in the following pages.

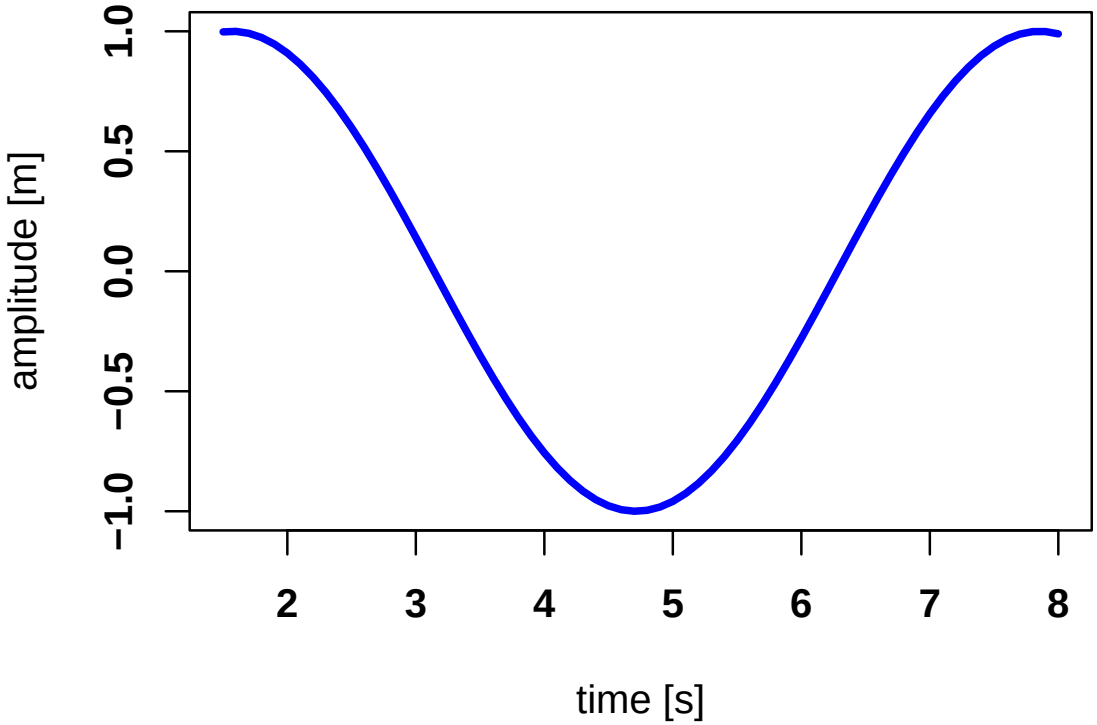

Figure 2. In-text Picture

METHODS

This is an equation inserted using LaTeX syntax directly.

$$\cos^3\theta = \frac{1}{4}\cos\theta + \frac{3}{4}\cos 3\theta \tag{1}$$

You can also use `$$..$$` to achieve the same

$$\cos^3\theta = \frac{1}{4}\cos\theta + \frac{3}{4}\cos 3\theta$$

Subsection

Use {−} after a header section so that it is unnumbered.

Paragraph Header level 4 are equivalent to `\paragraph{}`

Subsection

You can insert figure using R code chunk with different options

You can reference figure if you use **bookdown** format extensions as shown in YAML header

RESULTS AND DISCUSSION

This is another section

Subsection

Which shows level 2

Subsubsection

And level 3 headers

Subsubsection

with multiple subsubsections

Subsection

and subsections

ACKNOWLEDGMENTS

So long and thanks for all the fish.

REFERENCES

Figueredo, Aurelio José, and Pedro S. A. Wolf. 2009. “Assortative Pairing and Life History Strategy.” *Human Nature* 20 (3): 317–30. https://doi.org/10.1007/s12110-009-9068-2.