

LaPreprint:

A Preprint Template for L^AT_EX

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✉ For correspondence:

<https://github.com/roaldarbol/LaPreprint/issues>
(MRA)

^{†‡§}Here's a few symbols to denote contribution specifics, e.g. authors who contributed equally to the work.

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Competing interests: The author declare no competing interests.

Abstract

Let's begin with some great papers for those interested in radically improving the scientific infrastructure (Pooley, 2021; Bezuidenhout and Havemann, 2021; Brembs et al., 2021). Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Introduction

Use `\section` and `\subsection` commands to organize your document. L^AT_EX handles all the formatting automatically. Use `\label` and `\nameref` commands for cross-referencing sectional headings: the usual `\ref` will not work, as this template uses unnumbered sectional headings.

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Figures and Tables

Use the `table` and `tabular` commands for basic tables — see [Table 1](#), for example. For tables, I recommend that you use a separate `.tex` file for each table and insert it using `\input{mytable.tex}`.

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 2](#).

Really wide figures or tables, that take up the entire page, including the gutter space: use `\begin{fullwidth}... \end{fullwidth}` as in [Figure 1](#). And sometimes you may want to use feature boxes like [Box 1](#).

Citations and notes

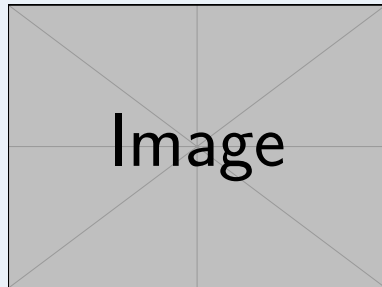
LaTeX formats citations and references automatically using the bibliography records in your `.bib` file. Use the `\cite` command for an inline citation, like Pooley, 2021, and the `\parencite` command



Figure 1. Photo of lovely Brighton by Alex Ovs on Unsplash. As a very wide figure that takes up the entire page, including the gutter space. **Figure 1—figure supplement 1.** There is no limit on the number of Figure Supplements for any one primary figure. Each figure supplement should be clearly labelled, Figure 1–Figure Supplement 1, Figure 1–Figure Supplement 2, Figure 2–Figure Supplement 1 and so on, and have a short title (and optional legend). Figure Supplements should be referred to in the legend of the associated primary figure, and should also be listed at the end of the article text file.

Box 1. This is an example feature box

This is a feature box. It floats!



Box 1—figure 1. ‘Figure’ and ‘table’ captions in feature boxes should be entered with `\featurefig` and `\featuretable`. They’re not really floats.

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¹ This is a sidenote made with the `\sidenote` package. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

for a citation in parentheses (Brembs et al., 2021). Side notes makes good use of the empty margin and can be used ewith the `\sidenote` command. ¹

Mathematics

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

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i \quad (1)$$

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

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Other Chemistry Niceties

You can use commands from the `mhchem` and `siunitx` packages. For example: $\text{C}_{32}\text{H}_{64}\text{NO}_7\text{S}$; 5 μm ; 30 $^\circ\text{C}$; $5 \times 10^{-17} \text{ M}$



Figure 2. A text-width example.

Figure 2—figure supplement 1. Shorter caption for main text.

Figure 2—figure supplement 2. This is another supplementary figure.

Figure 2—video 1. This is a description of a video supplement.

Figure 2—source data 1. This is a description of a data source.

Figure 2—source data 2. This is another description of a data source.

Figure 2—source code 1. This is a description of a source code.

75 **Lists**

76 You can make lists with automatic numbering ...

- 77 1. Like this,
- 78 2. and like this.

79 ...or bullet points ...

- 80 • Like this,
- 81 • and like this.

82 ...or with words and descriptions ...

83 **Word** Definition

84 **Concept** Explanation

85 **Idea** Text

86 Some filler text, because empty templates look really poorly. Lorem ipsum dolor sit amet, con-
87 sectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur
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96 **Methods & Materials**

97 **Behavioural setup**

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104 **Electrophysiological setup**

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111 **Results**

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118 ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla.

Table 1. Automobile Land Speed Records (GR 5-10).

Speed (mph)	Driver	Car	Engine	Date
407.447	Craig Breedlove	Spirit of America	GE J47	8/5/63
413.199	Tom Green	Wingfoot Express	WE J46	10/2/64
434.22	Art Arfons	Green Monster	GE J79	10/5/64
468.719	Craig Breedlove	Spirit of America	GE J79	10/13/64
526.277	Craig Breedlove	Spirit of America	GE J79	10/15/65
536.712	Art Arfons	Green Monster	GE J79	10/27/65
555.127	Craig Breedlove	Spirit of America, Sonic 1	GE J79	11/2/65
576.553	Art Arfons	Green Monster	GE J79	11/7/65
600.601	Craig Breedlove	Spirit of America, Sonic 1	GE J79	11/15/65
622.407	Gary Gabelich	Blue Flame	Rocket	10/23/70
633.468	Richard Noble	Thrust 2	RR RG 146	10/4/83
763.035	Andy Green	Thrust SSC	RR Spey	10/15/97

Source: https://www.sedl.org/afterschool/toolkits/science/pdf/ast_sci_data_tables_sample.pdf

Table 1—source data 1. This is a description of a data source.

Table 1—source code 1. This is a description of a source code.

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Discussion

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148 ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla.
149 Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan
150 eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

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156 per vestibulum turpis. Pellentesque cursus luctus mauris.

157 Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique,
158 libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing
159 semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie
160 nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi
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163 bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu
164 enim. Vestibulum pellentesque felis eu massa.

165 Acknowledgment

166 This preprint was created using the LaPreprint template (<https://github.com/roaldarbol/lapreprint>) by
167 Mikkel Roald-Arbøl .

168 Author contributions

169 Consider using a contribution table for clarity. I may add it later. Conceptualization: E.S., B.H.;
170 Methodology: B.H.; Software: B.H.; Validation: S.R.; Formal analysis: S.R.; Investigation: E.S.; Re-
171 sources: B.H.; Writing - original draft: E.S.; Writing - review & editing: S.R., B.H.; Visualization: S.R.;
172 Supervision: B.H.; Project administration: B.H.; Funding acquisition: B.H.

173 Supplementary

174 Insert the supplementary text text here.

175 References

- 176 Bezuidenhout, Louise and Johanna Havemann (2021). *The Varying Openness of Digital Open Science*
177 *Tools*. DOI: [10.12688/f1000research.26615.2](https://doi.org/10.12688/f1000research.26615.2).
178 Brembs, Björn et al. (2021). "Replacing Academic Journals". In: *Zenodo*. DOI: [10.5281/zenodo.5526635](https://doi.org/10.5281/zenodo.5526635).
179 Pooley, Jefferson (2021). *Surveillance Publishing*. DOI: [10.31235/osf.io/j6ung](https://doi.org/10.31235/osf.io/j6ung).

181 **TTT, by Piet Hein**

182 Problems worthy
183 of attack
184 prove their worth
185 by hitting back.

186
187 Put up in a place
188 where it's easy to see
189 the cryptic admonishment
190 T.T.T.

191
192 When you feel how depressingly
193 slowly you climb,
194 it's well to remember that
195 Things Take Time.

196
197 The road to wisdom? - Well, it's plain
198 and simple to express:
199 Err
200 and err
201 and err again
202 but less
203 and less
204 and less.



206 **Appendix 1—figure 1.** This is a figure in the appendix
208

209 Appendix 2

210 Key resources

211 Here could be a nice table of your resources.

212

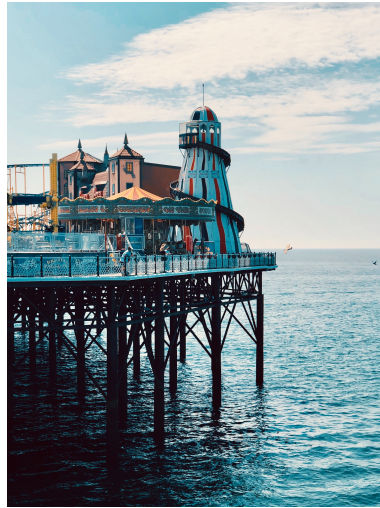


Figure 1—figure supplement 1. There is no limit on the number of Figure Supplements for any one primary figure. Each figure supplement should be clearly labelled, Figure 1–Figure Supplement 1, Figure 1–Figure Supplement 2, Figure 2–Figure Supplement 1 and so on, and have a short title (and optional legend). Figure Supplements should be referred to in the legend of the associated primary figure, and should also be listed at the end of the article text file.

213

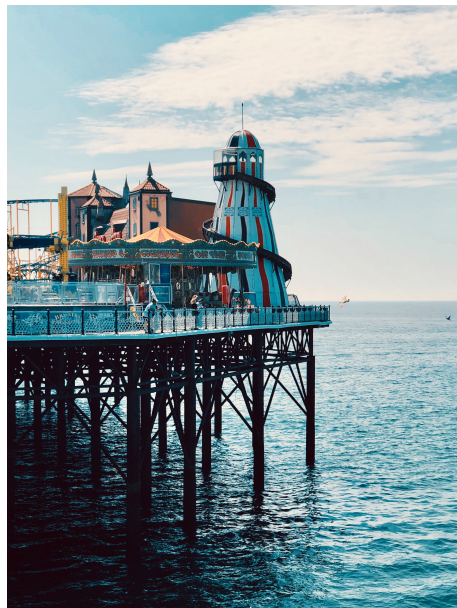


Figure 2—figure supplement 1. This is a supplementary figure’s full caption, which will be used at the end of the manuscript.

214

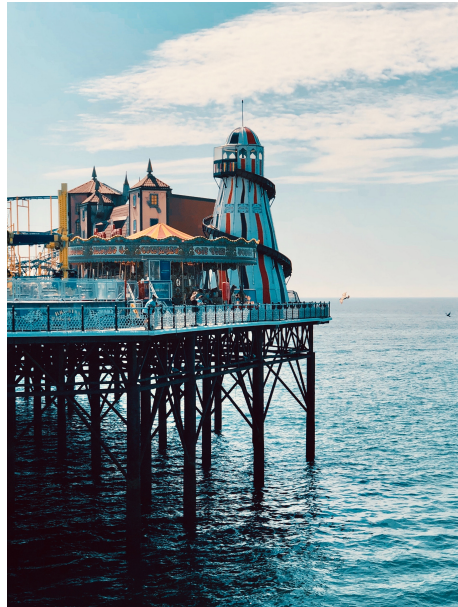


Figure 2—figure supplement 2. This is another supplementary figure.