

# 1 LaPreprint:

## 2 A Preprint Template for L<sup>A</sup>T<sub>E</sub>X

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### ✉ For correspondence:

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

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**Competing interests:** The author declare no competing interests.

### 6 Abstract

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

### 20 Introduction

21 Use `\section` and `\subsection` commands to organize your document. L<sup>A</sup>T<sub>E</sub>X handles all the format-  
22 ting automatically. Use `\label` and `\nameref` commands for cross-referencing sectional headings:  
23 the usual `\ref` will not work, as this template uses unnumbered sectional headings.

24 Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo.  
25 Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan  
26 bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit  
27 mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus  
28 et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcor-  
29 per vestibulum turpis. Pellentesque cursus luctus mauris.

### 30 Figures and Tables

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

33 You can upload a figure (JPEG, PNG or PDF) using the project menu. To include it in your docu-  
34 ment, use the `\includegraphics` command as in the code for [Figure 2](#).

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

### 38 Citations and notes

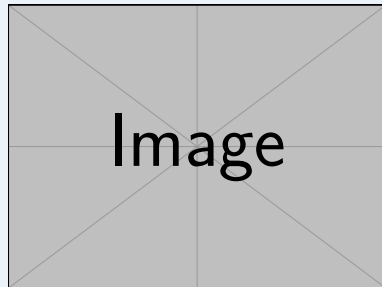
39 LaTeX formats citations and references automatically using the bibliography records in your `.bib`  
40 file. Use the `\cite` command for an inline citation, like Pooley, 2021, and the `\parencite` command



**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.

## 44 Box 1. This is an example feature box

45 This is a feature box. It floats!



46  
47 **Box 1—figure 1.** ‘Figure’ and ‘table’ captions in feature boxes should be entered with `\featurefig` and  
48 `\featuretable`. They’re not really floats.

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

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

<sup>1</sup> 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.

## 59 Mathematics

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

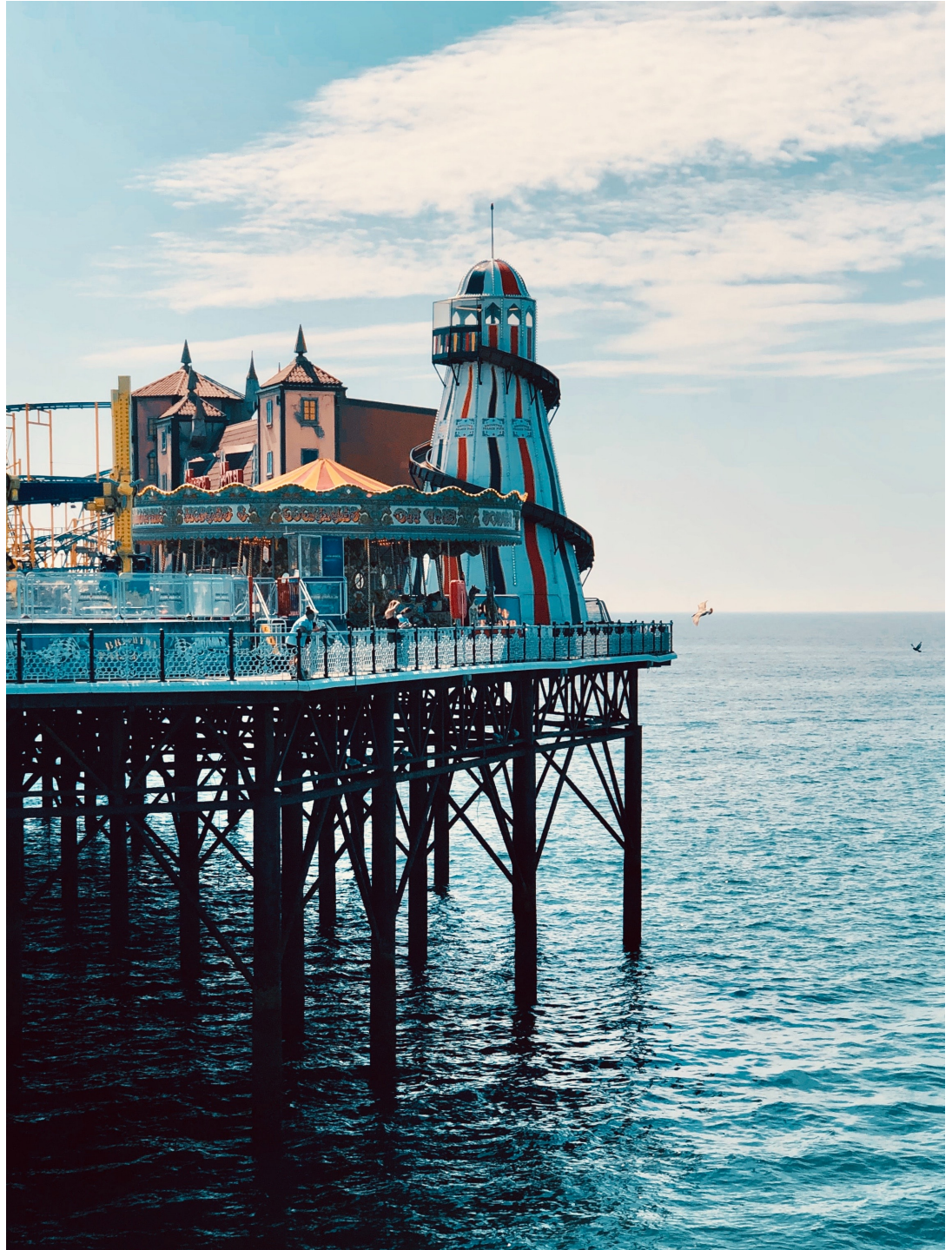
$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i \quad (1)$$

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

64 Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique,  
65 libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing  
66 semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie  
67 nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi  
68 blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque  
69 tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec  
70 bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu  
71 enim. Vestibulum pellentesque felis eu massa.

## 72 Other Chemistry Niceties

73 You can use commands from the `mhchem` and `siunitx` packages. For example:  $\text{C}_{32}\text{H}_{64}\text{NO}_7\text{S}$ ; 5  $\mu\text{m}$ ;  
74 30 °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  
88 dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna.  
89 Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et ma-  
90 lesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus  
91 vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sa-  
92 pien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum.  
93 Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor  
94 semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis  
95 quis, diam. Duis eget orci sit amet orci dignissim rutrum.

## 96 **Methods & Materials**

### 97 **Behavioural setup**

98 Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo.  
99 Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan  
100 bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit  
101 mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus  
102 et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcor-  
103 per vestibulum turpis. Pellentesque cursus luctus mauris.

### 104 **Electrophysiological setup**

105 Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo.  
106 Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan  
107 bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit  
108 mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus  
109 et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcor-  
110 per vestibulum turpis. Pellentesque cursus luctus mauris.

## 111 **Results**

112 Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac,  
113 adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consecte-  
114 tuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique  
115 senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus  
116 sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida  
117 placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo  
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](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.

119 Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan  
120 eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

121 Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo.  
122 Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan  
123 bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit  
124 mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus  
125 et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcor-  
126 per vestibulum turpis. Pellentesque cursus luctus mauris.

127 Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique,  
128 libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing  
129 semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie  
130 nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi  
131 blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellen-  
132 tesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec  
133 bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu  
134 enim. Vestibulum pellentesque felis eu massa.

135 Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices.  
136 Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer  
137 tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut  
138 imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim.  
139 Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

140

## 141 Discussion


142 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac,  
143 adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consecte-  
144 tuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique  
145 senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus  
146 sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida  
147 placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo

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.

151 Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo.  
152 Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan  
153 bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit  
154 mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus  
155 et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcor-  
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  
161 blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellen-  
162 tesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec  
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.

205



206

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

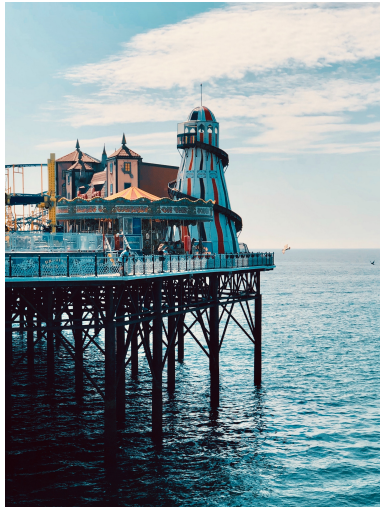


209 **Appendix 2**

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.