

# Your article title goes here

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**Abstract** The text for the first abstract goes here. This should be in English, no longer than 200 words, and should not include references.

**Non-technical summary** Seismica encourages authors to include a summary of their paper intended for a non-specialist audience. This should be no longer than 200 words and should avoid jargon as much as possible.

### 1 Section name

- All articles must include an abstract, author ORCIDs and author contributions (in the preamble of this tex file), a data and code availability statement, and a list of references.
- Section names are at the discretion of the authors. A simple structure for an article would include an Introduction, Methods and Data, Results, Discussion, and Conclusions, but authors are encouraged to choose a structure that best presents their work.

### 4 1.1 Bibliographic citations

In the text of an article, citations may either be in-line, as in the case of citing Metropolis and Ulam (1949), or in parentheses (e.g., Metropolis and Ulam, 1949), as appropriate. All citations in the text must be listed in the references section, and all listed references must be cited at least once in the text.

#### 1.2 Headings

#### 1.2.1 Subsubsection

- Three levels of section headings is the maximum<sup>1</sup> no subsubsubsections, please! Note that footnotes are permitted,
- as in the previous sentence, though we encourage authors to really think about whether a footnote is necessary or if
- the information it contains could be included in the main text.

## 3 1.3 Figures and Tables

- Figures should be labeled, captioned, and referenced within the text (e.g., Fig. 1 and Figs 1a, b, 2c). When an article
- 25 is accepted, separate full-resolution files must be uploaded for each figure. While Figure 1 is a one-column figure,
- Figure 2 is a full-width figure.

Tables can also be included, with captions.

Event ID	Location	Estimated magnitude	A random number
1	Here	2.5	17
2	There	4.1	1350

#### Table 1 Caption

Tab. 1 (use Tabs if several tables) is an example of a relatively simple table. We strongly encourage authors to put tables in Supplementary Materials, and/or into a csv or similar format, upload them to a data repository such as zenodo, and reference them in the section on data availability instead of including them in the article itself.

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<sup>&</sup>lt;sup>1</sup>Seriously, the maximum

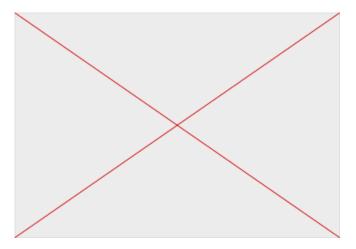
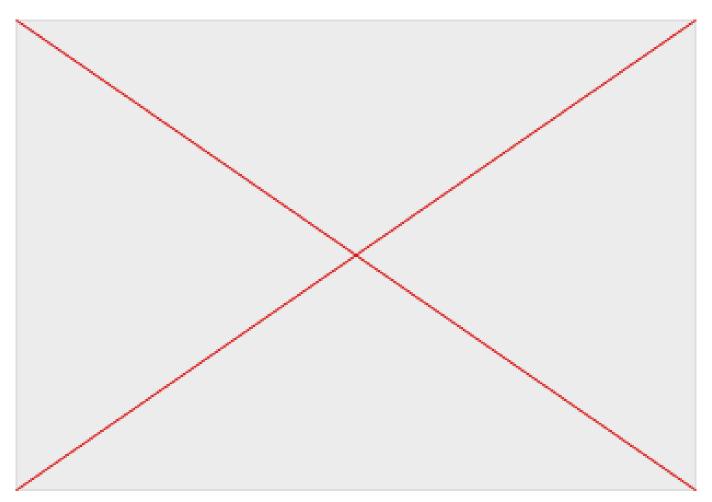


Figure 1 This is an example of a figure caption.



**Figure 2** This is a caption on wider figure.

## 1.4 Equations and maths

Equations can be included in the text, and should be labeled so they can be referenced. One example is Equation 1:

$$\mathbf{G} = \frac{1}{2}(2\cos z) + (1/2)(2\cos z + j\sin z - j\sin z) + (1/2)(\cos z + j\sin z + \cos z - j\sin z) - (1/2)(e^{jz} + e^{-jz}) \tag{1}$$

Please type vectors and matrices in bold:  $\mathbf{X} = \left[x_1, x_2, \dots, x_n\right]^T$ .

## **33** Acknowledgements

Thank all relevant parties and acknowledge funding sources, if any.

## **Data and code availability**

- 36 Authors should direct readers to an open access repositories where data and code used in the study are made avail-
- able. Zenodo, figshare, and Dryad are examples of repositories where authors can archive their data and code. Ci-
- tations for datasets and codes should be included in the references, including citations for any seismic networks
- <sup>39</sup> from which data was used. Github is not considered a persistent repository, and we encourage authors to archive a
- snapshot of any github-hosted code on zenodo.

## 41 References

Metropolis, N. and Ulam, S. The Monte Carlo Method. *Journal of the American Statistical Association*, 44(247):335–341, Sept. 1949.

doi: 10.1080/01621459.1949.10483310.