1

Abstract The text for the first abstract goes here. This should be in English, no longer than 200 words, and should

Section name

All articles must include an abstract, author ORCIDs and author contributions (in the preamble of this tex file), a

Section names are at the discretion of the authors. A simple structure for an article would include an Introduction,

Bibliographic citations In the text of an article, citations may either be in-line, as in the case of citing metropolis$_m$

Headings Subsubsection Three levels of section headings is the maximum[2] - no subsubsubsections, please! Note tha

Figures and Tables Figures should be labeled, captioned, and referenced within the text (e.g., Fig. **??** and Figs **??**a

[ht!] [width=8.6cm]empty This is an example of a figure caption.

[ht!] [width=]empty This is a caption on wider figure.

Tables can also be included, with captions. [ht!]

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

Tab. **??** (use Tabs if several tables) is an example of a relatively simple table. We strongly encourage authors to pu

Equations and maths Equations can be included in the text, and should be labeled so they can be referenced. One

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

Code

Code examples should be concise and descriptive. They should introduce core functionality or specific syntax and s

To improve stability of the inversion, the Model object accepts the strict keyword, which disables piecewise linear a

```
[caption=Example use of Model, label=code, language=Python] 2 4 6 8 0 2 4 6 8 0 2 4 6 8 0 2 4 6 8 0 2 4— import
model = mm.Model(strict=True) mdls = model.perturb()
for mdl in mdls: var = mdl.get_variance()
```

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

*Data and code availability Authors should direct readers to an open access repositories where data and code used

*Competing interests Declare any competing interests, financial or otherwise, pertaining to any of the authors. If th