

Article Title

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1 Introduction

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Table 1 | Table short title. Example table with placeholder content. Please keep the preceding mytablestyle command.

Name	Variable
Dummy parameter A before event	α_{before}
Dummy parameter B before event	β_{before}
Sum of Gaussian differences in A	$\Sigma\text{DoG}(\Delta\alpha)$
<i>Normalized Dummy Index</i>	NDI

4 Equations

Equations are numbered and can be cited in the text. As an example, Equation (1) is Hooke's law:

$$\sigma^{ij}(\mathbf{x}, t) = \sigma_0^{ij}(\mathbf{x}, t) + c_0^{ijkl}(\mathbf{x}) \varepsilon^{kl}(\mathbf{x}, t), \quad (1)$$

where the term $\sigma_0^{ij}(\mathbf{x}, t)$ is called the *pre-stress*, and the coefficients $c_0^{ijkl}(\mathbf{x})$ are the *elastic constants*.

5 References

The journal uses the American Psychological Association (APA) 7th edition style for references and citations. References can be cited textually in sentences, such as Becker (2015), Rudolph, Moulik, and Lekić (2020), Bagnasco et al. (2017), and Breuer and Moore (2015). References can also be cited parenthetically (Dressler, Spergel, Mountain, et al. 2006; Neukum, Ivanov, and Hartmann 2001; Wieczorek et al. 2022; Sjogren 1997). Each reference must contain a persistent identifier (such as a DOI) when one is available.

Acknowledgements

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Open science declarations

Author contributions. List here the details of each of the author's contributions to the work using the Contributor Role Taxonomy (CRediT, <https://credit.niso.org/>). These roles include: Conceptualization, Data curation, Formal analysis, Funding acquisition, Investigation, Methodology, Project administration, Resources, Software, Supervision, Validation, Visualization, Writing (original draft), and Writing (review & editing). Only those roles that are appropriate should be specified. These roles are summarized in the journal's authorship policies: <https://planetary-research.org/authorship>.

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Data availability. Any data that were used or generated as part of the study and that are not found in the manuscript and supplement must be uploaded to a public data repository before the article is accepted for publication. The datasets and any accompanying metadata and documentation should be made available to the reviewers during the peer-review process. For further information, see the journal's Open Science policies: <https://planetary-research.org/open-science>.

Funding. All sources of funding for the work must be disclosed. For work funded by a research agency, the following information should be provided: The name of the funding agency, the name of the funding program, the title of the funded project, and the grant number or funding reference.

Competing interests. All manuscripts must declare any real or perceived conflicts of interest. Competing interests may include both financial and non-financial interests such as past or present employment, consulting activity, financing, intellectual property, ownership of financial assets, or advisory roles. In the case where there are no competing interests, one can use the statement: The authors declare that they have no known competing financial interests or personal relationships that could have appeared to influence the work reported in this paper.

A First appendix

Appendices are optional sections that follow the open science statements. All figures and tables in the appendix must be referenced in the text of the appendix. Figure, table, and equation numbers should be prefixed by the appendix letter (such as Figure A1). For example, here is Equation A1

$$F = ma \tag{A1}$$

Note that letters do not contain appendices.

B Second appendix

B.1 Appendix subsection

B.1.1 Appendix subsubsection

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