

Article Title

Jane Doe*

The Department
An Organization
A second affiliation

John Doe

Another Affiliation

March 16, 2023

Abstract

The text of your abstract. 200 or fewer words. The `cmc-article` format is designed to be lightweight yet customizable. It should make any scholarly article easy to write and beautiful to look at.

Keywords 3 to 6 keywords • can go here

1 Introduction

Body of paper. Citations are easy to use ([Metropolis et al., 1953](#)). See Section 2 for a math demonstration. This is a second paragraph. The quick brown fox jumps over the lazy dog.

2 Additional section headings here

`cmc-article` includes helpful math packages: `mathtools`, `amssymb`, `amsthm`, and `physics` by default. It also includes a default header .tex file with useful macros for math and statistics.

$$\begin{aligned} \mathbf{X} &\sim \mathcal{N}(\boldsymbol{\mu}, \boldsymbol{\Sigma}^2) \\ p(\mathbf{x}) &= \frac{1}{\sqrt{(2\pi)^k \det(\boldsymbol{\Sigma})}} \exp\left(-\frac{1}{2}(\mathbf{x} - \boldsymbol{\mu})^\top \boldsymbol{\Sigma}^{-1}(\mathbf{x} - \boldsymbol{\mu})\right) \\ \mathbb{E}(Y) &= \sum_{y \in \mathcal{Y}} y \mathbb{P}(Y = y) = \sum_{y \in \mathcal{Y}} y \mathbb{E}(\mathbb{1}\{Y = y\}) \end{aligned}$$

2.1 An example subsection heading

See Figure 1 for an example figure.

3 Conclusion

4 Supplementary Material

This section will be numbered like an appendix and will appear after the references.

*To whom correspondence should be addressed. Email: jdoe1@example.org. Website: <https://example.org/>. Address: 1 Union St, Seattle, WA 98101. Acknowledgements here.

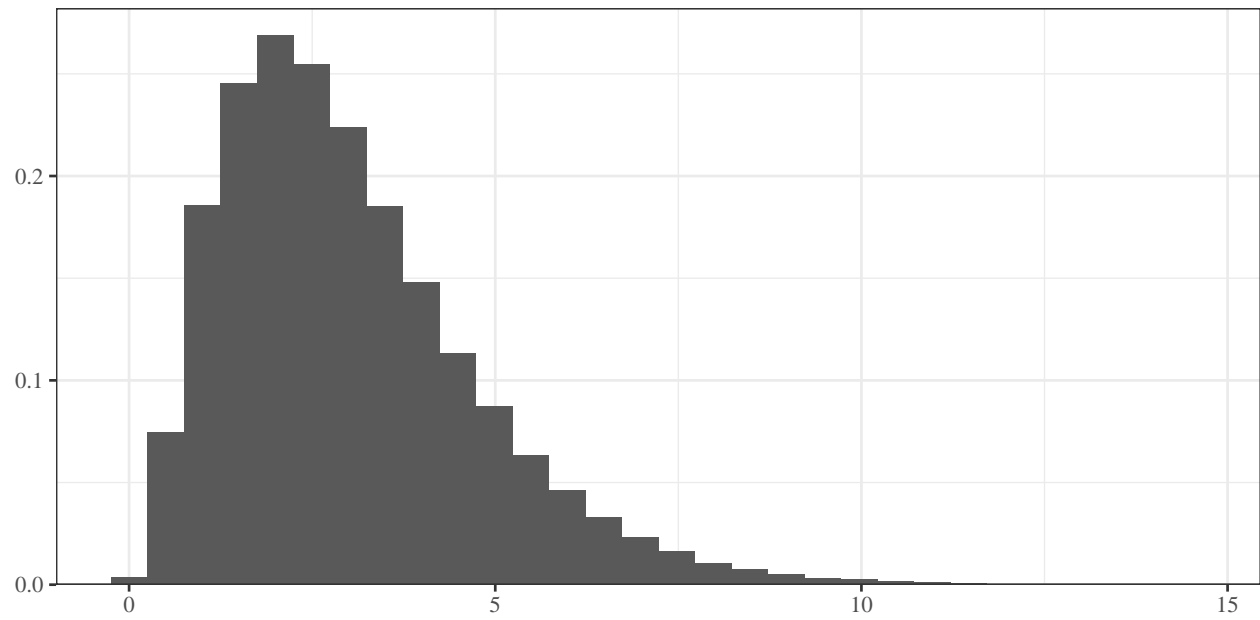


Figure 1: Histogram of samples from a gamma distribution.

References

Metropolis, N., Rosenbluth, A. W., Rosenbluth, M. N., Teller, A. H., and Teller, E. (1953). Equation of state calculations by fast computing machines. *The Journal of Chemical Physics*, 21(6):1087–1092.