

# Article Title

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## Abstract

The text of your abstract. 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

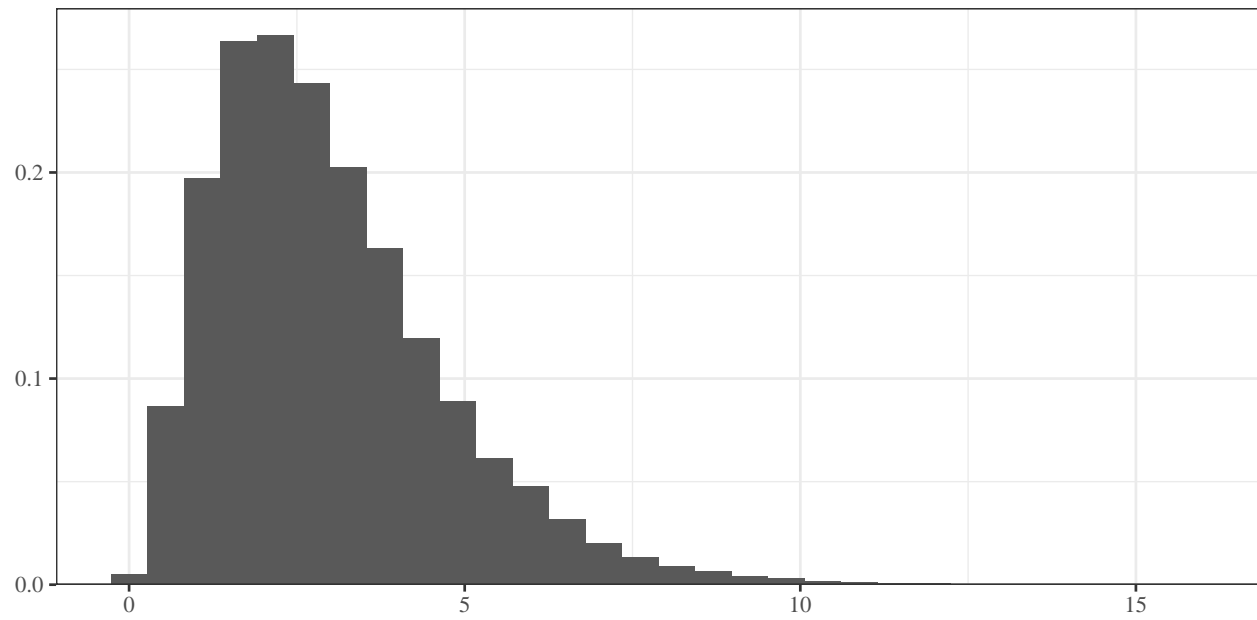
See Figure 1 for an example figure.

## 3 Conclusion

The references will appear automatically before the first section labeled `{.appendix}`.

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**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.

**A First appendix section**

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

**B Second appendix section**

If there is no content in the last section it will be used to title the references section instead.