

**Estimating the Unobserved: A Simulation Study on Censoring and Truncation in Evidence
Accumulation Models**

Jeroen E. Timmerman

Department of Psychology, University of Amsterdam

MI2324RM: Research Master's Internship

Andrew Heathcote

August 31st, 2024

Author Note

Jeroen E. Timmerman  <https://orcid.org/0009-0003-8208-0509>

Correspondence concerning this article should be addressed to Jeroen E. Timmerman,
Department of Psychology, University of Amsterdam, Nieuwe Achtergracht 129-B, Amsterdam
1018 WS, the Netherlands, Email: j.e.timmerman@uva.nl

Abstract

This is a placeholder for the abstract.

Keywords: censoring, truncation, missing data, evidence accumulation, choice response data, diffusion decision model, linear ballistic accumulator, Bayesian hierarchical modeling

Estimating the Unobserved: A Simulation Study on Censoring and Truncation in Evidence Accumulation Models

This is my introductory paragraph. The title will be placed above it automatically. *Do not start with an introductory heading* (e.g., “Introduction”). The title acts as your Level 1 heading for the introduction ([Schneider & Newman, 2015](#)).

Method

General remarks on method. This paragraph is optional.

Not all papers require each of these sections. Edit them as needed. Consult the [Journal Article Reporting Standards](#) for what is needed for your type of article.

Participants

Who are they? How were they recruited? Report criteria for participant inclusion and exclusion. Perhaps some basic demographic stats are in order. A table is a great way to avoid repetition in statistical reporting.

Measures

This section can also be titled **Materials** or **Apparatus**. Whatever tools, equipment, or measurement devices used in the study should be described.

Procedure

What did participants do? How are the data going to be analyzed?

Results

Descriptive Statistics

Describe the basic characteristics of the primary variables. My ideal is to describe the variables well enough that someone conducting a meta-analysis can include the study without needing to ask for additional information.

Discussion

Describe results in non-statistical terms.

Limitations and Future Directions

Every study has limitations. Based on this study, some additional steps might include...

Conclusion

Describe the main point of the paper.

References

Schneider, W. J., & Newman, D. A. (2015). Intelligence is multidimensional: Theoretical review and implications of specific cognitive abilities. *Human Resource Management Review*, 25(1), 12–27.

Appendix

The Title for Appendix