

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

Jeroen E. Timmerman

Department of Psychology, University of Amsterdam

Research Master's Internship (MI2324RM)

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](mailto: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**