**Symposium on Data Science and Statistics (SDSS 2023) Submission and Formatting Instructions for Extended Abstracts**

## **Anonymous 1**

**Anonymous 2**

**Anonymous 3**

**Abstract**

This document provides a basic template for the 2-page extended abstract and some submission guidelines. Including an abstract is optional, as the document itself is an extended abstract. If included, an abstract should be a single para- graph.

**Keywords:** Optional, Yet Potentially, Helpful

# Introduction

We have based this SDSS template almost entirely on the template for the annual conference of the Association for Computational Linguistics (ACL), whose template includes the following paragraph of credits:

This document has been adapted from the in- structions for earlier ACL proceedings, including those for ACL-2012 by Maggie Li and Michael White, those from ACL-2010 by Jing-Shing Chang and Philipp Koehn, those for ACL-2008 by Jo- hanna D. Moore, Simone Teufel, James Allan, and Sadaoki Furui, those for ACL-2005 by Hwee Tou Ng and Kemal Oflazer, those for ACL-2002 by Eu- gene Charniak and Dekang Lin, and earlier ACL and EACL formats. Those versions were written by several people, including John Chen, Henry S. Thompson and Donald Walker. Additional ele- ments were taken from the formatting instructions of the *International Joint Conference on Artificial Intelligence*.

# Methods

In preparing the extended abstract, we strongly encour- age using the same four section headings seen here, namely, Introduction, Methods, Data (or Results), and Discussion (or Conclusions). Use of subsections is at the authors’ discretion; see Section 2.2.

### Font Sizes and Layout

Extended abstracts should be no more than two pages, including references, in 10-point Times Roman font and two-column format, and must be submitted as pdf doc- uments. The LATEX template automatically uses the newtx package if available or times if not to select Times Roman. Please avoid changing the font size ex- cept, if desired, in the case of an extended quotation as

demonstrated above.1

Both LATEX and MS Word templates may be down- loaded by visiting the conference website:

### Ww2.amstat.org/meetings/sdss/2023/

Margins should not be altered from those used in the template files.

|  |  |  |
| --- | --- | --- |
| **Type of Text** | **Font Size** | **Style** |
| paper title | 15 pt  12 pt  12 pt  12 pt  12 pt  10 pt  10 pt  10 pt  10 pt  9 pt | bold  bold |
| author names |
| author affiliation |  |
| the word “Abstract” | bold  bold |
| section titles |
| document text |  |
| captions |  |
| abstract text |  |
| bibliography |  |
| footnotes |

Table 1: Sizes and styles of fonts used.

### Sections

**Headings**: While it is permissible to use bold print to introduce a paragraph as seen here, please use the \section, \subsection, and \subsubsection commands as in this LATEX document. If you are using MS Word, please duplicate the numbering and font-size conventions in this document.

### Numbering Sections

As shown here, all sections, sub-sections, and sub- subsections are numbered.

### Citations

In LATEX, please use the sdss2020 bibliography style, as demonstrated by this example document. MS Word users should duplicate the citation and reference section format seen here.

Citations within the text appear in parentheses as (Nussbaum, 2018) or, if the author’s name appears in the text itself, as Nussbaum (2018). Treat double au- thors as in (Wasserstein and Lazar, 2016), but write as in (Kulka et al., 1990) when more than two authors are

1Footnotes are also in smaller font. See Table 1 for a list of font sizes.

involved. Collapse multiple citations as in (LaVange, 2019; Wasserstein and Lazar, 2016). As alluded to above, full citations should not be used as sentence con- stituents. For instance, instead of

“(Arbuthnot, 1710) found the first *p*-value ...”

use

“Arbuthnot (1710) found the first *p*-value ...”.

Please make references complete, presentable, and con- sistent. When using BibTEX, protect capital letters of names and abbreviations in titles, as in {B}ayesian or {EM} algorithm, in your .bib file. For an example, notice that the “FDA” in the title of (LaVange, 2019) is typed as

{FDA} in the .bib file or else it would be incorrectly shown as “fda” in the references section.

### Footnotes

**Footnotes**: In LATEX, use the \footnote command2. If using MS Word, please separate footnotes from the text

by a line3.

# Data/Results

We encourage the selective use of tables and/or figures as appropriate.

### Graphics and Tables

Place figures and tables in the paper near where they are first discussed, rather than at the end, if possible. It is acceptable that wide illustrations may run across both columns. The use of color is allowed in extended abstract graphics.

### Captions

Provide a caption below every figure and table; number each one sequentially in the form shown in Figure 1 and Table 1.

# Discussion/Conclusions

### Appendices and Acknowledgements

Please avoid the use of appendices and acknowledge- ments as separate sections. Any pertinent material should be included in the body of the extended abstract rather than in an appendix. If acknowledgements are necessary, then they should be made using footnotes.

### Computer Code

If you wish to provide links to accompanying code, this is allowable because SDSS encourages best practices for reproducible research. However, all conclusions and ex- position relevant to the refereeing process should appear in the body of the extended abstract; furthermore, we cannot guarantee that code will be checked or even con- sulted during the refereeing process.

2This is how a footnote should appear.

3Note the line separating the footnotes from the text.

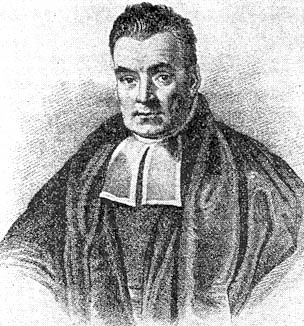


Figure 1: Ironically, Thomas Bayes was never asked to pro- vide additional simulation studies in the Results sections of his papers.

### Refereeing Decisions

The review process **is anonymous**. It is expected that accepted papers will be presented in person at SDSS in St. Louis from May 23 to 26, 2023. Accepted papers’ authors will be notified in plenty of time to make registration and travel arrangements and for papers not accepted to submit a lightning presentation to the conference if they so choose.

# References

John Arbuthnot. 1710. An argument for Divine Provi- dence, taken from the constant regularity observed in the births of both sexes. *Philosophical Transactions of the Royal Society of London*, 27:186–190.

Richard A. Kulka, William E. Schlenger, John A. Fairbank, Richard L. Hough, B. Kathleen Jordan, Charles R. Marmar, and Daniel S. Weiss. 1990. *Trauma and the Vietnam war generation: Report of findings from the National Vietnam Veterans Read- justment Study*. Brunner/Mazel Psychological Stess Series, Brussels, Belgium.

Lisa M. LaVange. 2019. Statistics at the FDA: Reflec- tions on the past six years. *Statistics in Biopharma- ceutical Research*, 11(1):1–12.

Barry D. Nussbaum. 2018. Statistics: Essential now more than ever. *Journal of the American Statistical Association*, 113(522):489–493.

Ronald L. Wasserstein and Nicole A. Lazar. 2016. The ASA's statement on *p*-values: Context, process, and purpose. *The American Statistician*, 70(2):129–133.