

# Symposium on Data Science and Statistics (SDSS 2022)

## Submission and Formatting Instructions for Extended Abstracts

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## Abstract

This document provides a basic template for the 2-page extended abstract and some submission guidelines.<sup>1</sup> Including an abstract is optional, as the document itself is an extended abstract. If included, an abstract should be a single paragraph. The abstract will be used for the online program.

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

## 1 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 instructions 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 Johanna 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 Eugene 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 elements were taken from the formatting instructions of the *International Joint Conference on Artificial Intelligence*.

## 2 Methods

In preparing the extended abstract, we strongly encourage 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.

### 2.1 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 documents. The L<sup>A</sup>T<sub>E</sub>X template automatically uses the newtx package if available or times if not to select

Times Roman. Please avoid changing the font size except, if desired, in the case of an extended quotation as demonstrated above

Both L<sup>A</sup>T<sub>E</sub>X and MS Word templates may be downloaded by visiting the conference website:

[github.com/SDSS2020/SDSS-templates](https://github.com/SDSS2020/SDSS-templates)

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

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

Table 1: Sizes and styles of fonts used.

### 2.2 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 L<sup>A</sup>T<sub>E</sub>X document. If you are using MS Word, please duplicate the numbering and font-size conventions in this document.

#### 2.2.1 Numbering Sections

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

#### 2.3 Citations

In L<sup>A</sup>T<sub>E</sub>X, 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 authors as in (Wasserstein and Lazar, 2016), but write as in (Kulka et al., 1990) when more than two authors are

<sup>1</sup>Footnotes are also in smaller font. Leave authors as anonymous.

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

“(Arbuthnot, 1710) derived the earliest  $p$ -value  
...”

use

“Arbuthnot (1710) derived the earliest  $p$ -value  
...”.

Please make references complete, presentable, and consistent. When using Bib $\text{\TeX}$ , 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.

## 2.4 Footnotes

**Footnotes:** In L<sup>A</sup>T<sub>E</sub>X, use the \footnote command.<sup>2</sup> If using MS Word, please separate footnotes from the text by a line.<sup>3</sup>

## 3 Data/Results

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

### 3.1 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.

### 3.2 Captions

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

## 4 Discussion/Conclusions

### 4.1 Appendices and acknowledgements

Please avoid the use of appendices and acknowledgements 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.

If you wish to provide links to accompanying code, this is allowable because SDSS encourages best practices for reproducible research. However, all conclusions and exposition 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 consulted during the refereeing process.



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

### 4.2 Refereeing Decisions

It is expected that accepted papers will be presented in person at SDSS in Pittsburgh from June 4 to 6, 2020. Accepted papers’ authors will be notified in plenty of time to make registration and travel arrangements and for papers not accepted to submit an e-poster to the conference if they so choose.

## References

- John Arbuthnot. 1710. An argument for Divine Providence, 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 Readjustment Study*. Brunner/Mazel Psychological Stress Series, Brussels, Belgium.
- Lisa M. LaVange. 2019. Statistics at the FDA: Reflections on the past six years. *Statistics in Biopharmaceutical 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.

<sup>2</sup>This is how a footnote should appear.

<sup>3</sup>Note the line separating the footnotes from the text.