Project Proposal: Measuring LLM Responses

Anonymous ACL submission

Abstract

This document is a supplement to the general instructions for *ACL authors. It contains instructions for using the LaTeX style file for ACL 2023. The document itself conforms to its own specifications, and is, therefore, an example of what your manuscript should look like. These instructions should be used both for papers submitted for review and for final versions of accepted papers.

1 Introduction

These instructions are for authors submitting papers to ACL 2023 using LaTeX. They are not self-contained. All authors must follow the general instructions for *ACL proceedings,[1] as well as guidelines set forth in the ACL 2023 call for papers.[2] This document contains additional instructions for the LaTeX style files. The templates include the LaTeX source of this document (`acl2023.tex`), the LaTeX style file used to format it (`acl2023.sty`), an ACL bibliography style (`acl_natbib.bst`), an example bibliography (`custom.bib`), and the bibliography for the ACL Anthology (`anthology.bib`).

2 Literature Review

Speed:

https://arxiv.org/pdf/2305.15038.pdf provides some speed benchmarks on data analysis tasks in Table 4 on Page 6. It doesn't really discuss methodology, though.

3 Data

For some questions, new data must be collected.

For other questions, pre-existing sources of LLM prompts and responses can be used.

Command	Output	Command	Output
{\"a}	ä	{\c c}	ç
{\^e}	ê	{\u g}	ğ
{\`i}	ì	{\l}	ł
{\.I}	İ	{\~n}	ñ
{\o}	ø	{\H o}	ő
{\'u}	ú	{\v r}	ř
{\aa}	å	{\ss}	ß

Table 1: Example commands for accented characters, to be used in, *e.g.*, BibTeX entries.

4 Responsiblities

I am the only author of this proposal, but I am open to working with others with similar interests.

5 Engines

To produce a PDF file, pdfLaTeX is strongly recommended (over original LaTeX plus dvips+ps2pdf or dvipdf). XeLaTeX also produces PDF files, and is especially suitable for text in non-Latin scripts.

6 Preamble

The first line of the file must be

```
\documentclass[11pt]{article}
```

To load the style file in the review version:

```
\usepackage[review]{ACL2023}
```

For the final version, omit the `review` option:

```
\usepackage{ACL2023}
```

To use Times Roman, put the following in the preamble:

```
\usepackage{times}
```

(Alternatives like txfonts or newtx are also acceptable.) Please see the LaTeX source of this document for comments on other packages that may be

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[1]http://acl-org.github.io/ACLPUB/formatting.html

[2]https://2023.aclweb.org/calls/main_conference/

Output	natbib command	Old ACL-style command
(**?**)	\citep	\cite
?	\citealp	no equivalent
?	\citet	\newcite
(**?**)	\citeyearpar	\shortcite
?'s (**?**)	\citeposs	no equivalent
(FFT; **?**)	\citep[FFT;][]	no equivalent

Table 2: Citation commands supported by the style file. The style is based on the natbib package and supports all natbib citation commands. It also supports commands defined in previous ACL style files for compatibility.

useful. Set the title and author using \title and \author. Within the author list, format multiple authors using \and and \And and \AND; please see the LaTeX source for examples. By default, the box containing the title and author names is set to the minimum of 5 cm. If you need more space, include the following in the preamble:

    \setlength\titlebox{<dim>}

where <dim> is replaced with a length. Do not set this length smaller than 5 cm.

7 Document Body

7.1 Footnotes

Footnotes are inserted with the \footnote command.[3]

7.2 Tables and figures

See Table 1 for an example of a table and its caption. **Do not override the default caption sizes.**

7.3 Hyperlinks

Users of older versions of LaTeX may encounter the following error during compilation:

    \pdfendlink ended up in different
    nesting level than \pdfstartlink.

This happens when pdfLaTeX is used and a citation splits across a page boundary. The best way to fix this is to upgrade LaTeX to 2018-12-01 or later.

7.4 Citations

Table 2 shows the syntax supported by the style files. We encourage you to use the natbib styles. You can use the command \citet (cite in text) to get "author (year)" citations, like this citation to a paper by **?**. You can use the command \citep (cite in parentheses) to get "(author, year)" citations (**?**).

You can use the command \citealp (alternative cite without parentheses) to get "author, year" citations, which is useful for using citations within parentheses (e.g. **?**).

7.5 References

The LaTeX and BibTeX style files provided roughly follow the American Psychological Association format. If your own bib file is named custom.bib, then placing the following before any appendices in your LaTeX file will generate the references section for you:

    \bibliographystyle{acl_natbib}
    \bibliography{custom}

You can obtain the complete ACL Anthology as a BibTeX file from https://aclweb.org/anthology/anthology.bib.gz. To include both the Anthology and your own .bib file, use the following instead of the above.

    \bibliographystyle{acl_natbib}
    \bibliography{anthology,custom}

Please see Section 8 for information on preparing BibTeX files.

7.6 Appendices

Use \appendix before any appendix section to switch the section numbering over to letters. See Appendix A for an example.

8 BibTeX Files

Unicode cannot be used in BibTeX entries, and some ways of typing special characters can disrupt BibTeX's alphabetization. The recommended way of typing special characters is shown in Table 1.

Please ensure that BibTeX records contain DOIs or URLs when possible, and for all the ACL materials that you reference. Use the doi field for

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[3]This is a footnote.

DOIs and the `url` field for URLs. If a BibTeX entry has a URL or DOI field, the paper title in the references section will appear as a hyperlink to the paper, using the hyperref LaTeX package.

Limitations

The actual length of time required by an online LLM to answer a question is difficult to estimate given the presence of confounding factors such as connection speed and server load. To limit associated variation, responses were generated during off-peak hours.

Ethics Statement

Scientific work published at ACL 2023 must comply with the ACL Ethics Policy.[4] We encourage all authors to include an explicit ethics statement on the broader impact of the work, or other ethical considerations after the conclusion but before the references. The ethics statement will not count toward the page limit (8 pages for long, 4 pages for short papers).

A Example Appendix

This is a section in the appendix.

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[4] https://www.aclweb.org/portal/content/acl-code-ethics