

# Scientific Entity Recognition

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## Abstract

This document is a supplement to the general instructions for \*ACL authors. It contains instructions for using the L<sup>A</sup>T<sub>E</sub>X style files for ACL conferences. 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 conferences using L<sup>A</sup>T<sub>E</sub>X. They are not self-contained. All authors must follow the general instructions for \*ACL proceedings,<sup>1</sup> and this document contains additional instructions for the L<sup>A</sup>T<sub>E</sub>X style files.

The templates include the L<sup>A</sup>T<sub>E</sub>X source of this document (acl.tex), the L<sup>A</sup>T<sub>E</sub>X style file used to format it (acl.sty), an ACL bibliography style (acl\_natbib.bst), an example bibliography (custom.bib), and the bibliography for the ACL Anthology (anthology.bib).

## 2 Data Annotation

To produce a PDF file, pdfL<sup>A</sup>T<sub>E</sub>X is strongly recommended (over original L<sup>A</sup>T<sub>E</sub>X plus dvips+ps2pdf or dvi2pdf). XeL<sup>A</sup>T<sub>E</sub>X also produces PDF files, and is especially suitable for text in non-Latin scripts.

## 3 Training

The first line of the file must be

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

To load the style file in the review version:

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

---

<sup>1</sup><http://acl-org.github.io/ACL/PUB/formatting.html>

For the final version, omit the review option:

```
\usepackage{acl}
```

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

```
\usepackage{times}
```

(Alternatives like txfonts or newtx are also acceptable.)

Please see the L<sup>A</sup>T<sub>E</sub>X source of this document for comments on other packages that may be 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 L<sup>A</sup>T<sub>E</sub>X 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.

## 4 Evaluation

### 4.1 Footnotes

Footnotes are inserted with the \footnote command.<sup>2</sup>

### 4.2 Tables and figures

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

### 4.3 Hyperlinks

Users of older versions of L<sup>A</sup>T<sub>E</sub>X may encounter the following error during compilation:

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

---

<sup>2</sup>This is a footnote.

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

Table 1: Example commands for accented characters, to be used in, *e.g.*, Bib<sub>T</sub><sub>E</sub>X entries.

This happens when pdf<sub>L</sub><sub>A</sub><sub>T</sub><sub>E</sub>X is used and a citation splits across a page boundary. The best way to fix this is to upgrade <sub>L</sub><sub>A</sub><sub>T</sub><sub>E</sub>X to 2018-12-01 or later.

#### 4.4 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.* ?).

A possessive citation can be made with the command `\citeposs`. This is not a standard natbib command, so it is generally not compatible with other style files.

#### 4.5 References

The <sub>L</sub><sub>A</sub><sub>T</sub><sub>E</sub>X and Bib<sub>T</sub><sub>E</sub>X 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 <sub>L</sub><sub>A</sub><sub>T</sub><sub>E</sub>X file will generate the references section for you:

```
\bibliography{custom}
```

You can obtain the complete ACL Anthology as a Bib<sub>T</sub><sub>E</sub>X 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.

```
\bibliography{anthology,custom}
```

Please see Section 5 for information on preparing Bib<sub>T</sub><sub>E</sub>X files.

#### 4.6 Appendices

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

### 5 Results

Unicode cannot be used in Bib<sub>T</sub><sub>E</sub>X entries, and some ways of typing special characters can disrupt Bib<sub>T</sub><sub>E</sub>X’s alphabetization. The recommended way of typing special characters is shown in Table 1.

Please ensure that Bib<sub>T</sub><sub>E</sub>X records contain DOIs or URLs when possible, and for all the ACL materials that you reference. Use the `doi` field for DOIs and the `url` field for URLs. If a Bib<sub>T</sub><sub>E</sub>X 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` <sub>L</sub><sub>A</sub><sub>T</sub><sub>E</sub>X package.

### 6 Conclusion

#### A Example Appendix

This is an appendix.

<b>Output</b>	<b>natbib command</b>	<b>ACL only command</b>
(?)	\citep	
?	\citealp	
?	\citeta	
(?)	\citeyearpar	
?’s (?)		\citeposs

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.