

Instructions for *ACL Proceedings

Anonymous ACL submission

Abstract

This document is a supplement to the general instructions for *ACL authors. It contains instructions for using the \LaTeX 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

Blabla introduction The templates include the \LaTeX source of this document (`acl_latex.tex`), the \LaTeX 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 Méthode

2.1 Dataset

Nous utilisons le dataset fournit pour la tâche 3 de l'édition 2009 de DEFT. Il s'agit d'un corpus multilingue de débats parlementaires européens. Chaque intervention parlementaire est classée en fonction du parti ¹ du locuteur et présente dans le corpus dans 3 langues : anglais, français et italien. Au moment de faire des statistiques descriptives, nous nous sommes rendus comptes que le corpus présentait des doublons, et ce majoritairement dans la partition test.

Après suppression des doublons, la partition prévu (40/60) est changée : elle est maintenant de 20/80². Nous avons envisagé de refaire le partitionnement pour réimplémenter le partitionnement prévu, mais avons renoncé pour deux raisons : refaire le partitionnement nous éloigne,

¹ELDR, PPE-DE, PSE, GUE-NGL et Verts-ALE

²0.79 pour le train et 0.21 pour le test

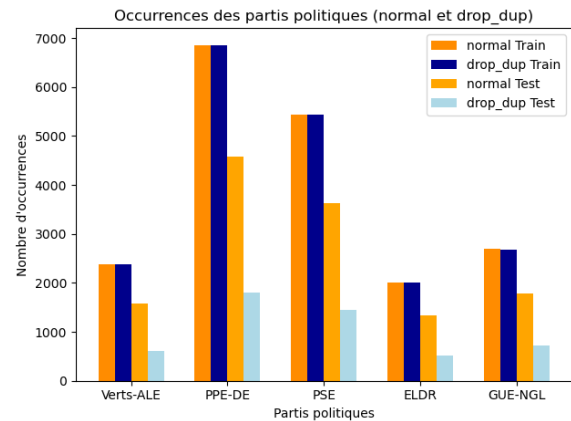


Figure 1: Nombre d'interventions par parti par partition test/train dans le corpus original et dans la version sans doublons.

encore, du corpus initialement prévu, et les résultats de quelques modèles sur un corpus repartitionné étaient proches des résultats sur cette partition 80/20. Par ailleurs, la répartition des classes est déséquilibrée : les classes PPE-DE et PSE forment à elles deux 63,5 % du corpus. Ceci devra être pris en compte dans le prétraitement.³

Statistique	Test	train 3
Moyenne	3871.4	1021.2
STD	2149.1	569.7
Min	2005.0	525.0
1er quartile	2376.0	615.0
Médiane	2687.0	715.0
3eme quartile	5431.0	1448.0
Max	6858.0	1803.0

Table 1: Nombres d'intervention par parti par partition

³la figure correspond au train, mais la répartition est sensiblement la même dans le test

Répartition des partis politiques dans le corpus train

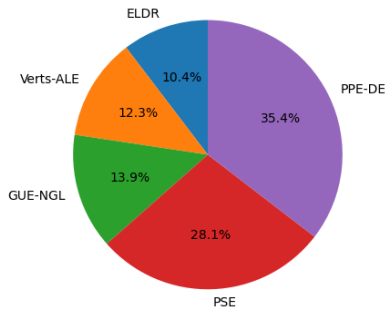


Figure 2: Répartition des interventions par parti dans la partition train sans doublons

2.2 Prétraitements

Le texte des interventions a été soumis à un prétraitement simple :

- (1) Suppression de la ponctuation
- (2) Unification de la casse en minuscules
- (3) Tokenisation⁴

2.3 Les différents embeddings

3 Résultats

3.1 Vecteurs TF-IDF

ça marche trop bien wtf

4 Preamble

The first line of the file must be

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

To load the style file in the review version:

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

For the final version, omit the review option:

```
\usepackage{acl}
```

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

```
\usepackage{times}
```

Please see the \LaTeX source of this document for comments on other packages that may be useful.

⁴Une lemmatisation avec la bibliothèque SpaCy a été envisagée, mais ce corpus multilingue aurait nécessité le chargement de 3 modèles linguistiques différents et ralenti d'autant le temps de traitement

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>	ő
<code>\'u</code>	ú	<code>\v r</code>	ř
<code>\aa</code>	å	<code>\ss</code>	ß

Table 2: Example commands for accented characters, to be used in, e.g., Bib \TeX entries.



Figure 3: A figure with a caption that runs for more than one line. Example image is usually available through the mwe package without even mentioning it in the preamble.

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.

5 Document Body

5.1 Footnotes

5.2 Tables and figures

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

As much as possible, fonts in figures should conform to the document fonts. See Figure ?? for an example of a figure and its caption.

environment at an appropriate point within the text. The `graphicx` package supports various optional arguments to control the appearance of the figure. You must include it explicitly in the \LaTeX preamble (after the `\documentclass` declaration and before `\begin{document}`) using `\usepackage{graphicx}`.

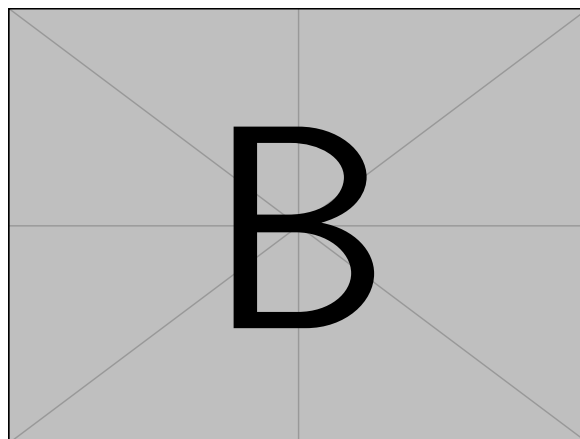
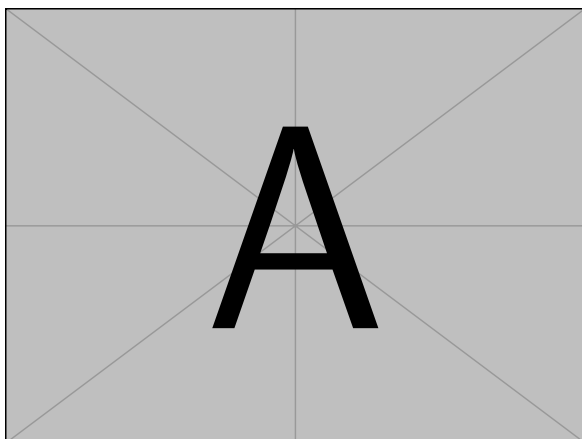


Figure 4: A minimal working example to demonstrate how to place two images side-by-side.

5.3 Hyperlinks

Users of older versions of L^AT_EX may encounter the following error during compilation:

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

5.4 Citations

Table ?? 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.

5.5 References

The L^AT_EX and BibT_EX 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 L^AT_EX file will generate the references section for you:

```
\bibliography{custom}
```

You can obtain the complete ACL Anthology as a BibT_EX file from <https://aclweb.org/>

[anthology/anthology.bib.gz](https://aclweb.org/). To include both the Anthology and your own .bib file, use the following instead of the above.

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

Please see Section ?? for information on preparing BibT_EX files.

5.6 Equations

An example equation is shown below:

$$A = \pi r^2 \quad (1)$$

Labels for equation numbers, sections, subsections, figures and tables are all defined with the `\label{label}` command and cross references to them are made with the `\ref{label}` command.

This is an example cross-reference to Equation ??.

5.7 Appendices

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

6 BibT_EX Files

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

Please ensure that BibT_EX 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 BibT_EX 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` L^AT_EX package.

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