Documentation for the `mais` package

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The `mais` package provides a LaTeX style for the extended abstract submissions to the Montreal AI Symposium (MAIS). This document provides some notes regarding the package and tips for typesetting manuscripts. The package and this document is maintained at the following GitHub repository:

`https://github.com/alexhernandezgarcia/mais-latex`

Users are encouraged to submit issues, bug reports, etc. to:

`https://github.com/alexhernandezgarcia/mais-latex/issues`

A barebones submission is also available as `barebones_submission_template.tex` in the same repository.

This package has been built upon the `automl` package, developed and generously open-sourced by Roman Garnett in `https://github.com/automl-conf/LatexTemplate`.

1 Package options

With no options, the `mais` package prepares an anonymized manuscript with hidden supplemental material. Two options are supported changing this behavior:

- `final` – produces non-anonymized camera-ready version for distribution and/or publication in the main conference track.
- `hidesupplement` – hides supplementary material (following `\appendix`); for example, for submitting or distributing the main paper without supplement.

Note that `final` may be used in combination with `hidesupplement` to prepare a non-anonymized version of the main paper with hidden supplement.

2 Supplemental material

Please provide supplemental material in the main document. You may begin the supplemental material using `\appendix`. Any content following this command will be suppressed in the final output if the `hidesupplement` option is given.

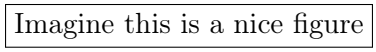
3 Note regarding line numbering at submission time

To ensure that line numbering works correctly with display math mode, please do *not* use TeX primitives such as `$$` and `eqnarray`. (Using these is not good practice anyway.)[1][2] Please

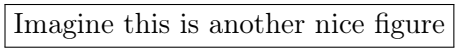
[1] `https://tex.stackexchange.com/questions/196/eqnarray-vs-align`
[2] `https://tex.stackexchange.com/questions/503/why-is-preferable-to`

Table 1: An example table using the `booktabs` package.

	Metric	
Method	Accuracy	Time
Baseline	10	100
Our method	100	10



(a) Subfigure caption.



(b) Another subfigure caption.

Figure 1: An example figure with subfigures. (a): left figure. (b): right figure.

use LaTeX equivalents such as `\[ ... \]` (or `\begin{equation} ... \end{equation}`) and the `align` environment from the `amsmath` package.[3]

4 References

Authors may use any citation style as long as it is consistent throughout the document. By default, we propose the style defined in 'mais.bst' which uses `natbib/bibtex`, which can be used by including the following at the end of the document:

```
\bibliography{references}
\bibliographystyle{mais}
```

where 'mais' refers to the file 'mais.bst' and references to 'references.bib', a BibTeX file containing bibliographical entries.

You may create a parenthetical reference with `\citep`, such as appears at the end of this sentence (Mitchell, 2003). You may create a textual reference using `\citet`, as Mitchell (2003) also demonstrated.

5 Tables

We recommend the `booktabs` package for creating tables, as demonstrated in Table 1. Note that table captions appear *above* tables.

6 Figures and subfigures

The `mais` style loads the `subcaption` package, which may be used to create and caption subfigures. Please note that this is *incompatible* with the (obsolete and deprecated) `subfigure` package. A figure with subfigures is demonstrated in Figure 1. Note that figure captions appear *below* figures.

Please ensure that all text appearing in figures (axis labels, legends, etc.) is legible.

7 Pseudocode

To add pseudocode, you may make use of any package you see fit—the `mais` package should be compatible with any of them. In particular, you may want to check out the `algorithm2e`[4] and/or the `algorithmicx`[5] packages, both of which can produce nicely typeset

[3] `http://tug.ctan.org/info/short-math-guide/short-math-guide.pdf`

[4] `https://ctan.org/pkg/algorithm2e`

[5] `https://ctan.org/pkg/algorithmicx`

pseudocode. You may also wish to load the `algorithm`[6] package, which creates an `algorithm` floating environment you can access with `\begin{algorithm} ... \end{algorithm}`. This environment supports `\caption{}`, `\label{}` and `\ref{}`, etc.

8 Adding acknowledgments

You may add acknowledgments of funding, etc. using the `acknowledgments` environment. Acknowledgments will be automatically commented out at submission time. An example is given below in the source code for this document; it will be hidden in the PDF unless the `final` or `finalworkshop` option is given.

Acknowledgements. Thank y'all!

References

Mitchell, M. (2003). *Maria Mitchell: Life, Letters, and Journals by Maria Mitchell*. Project Gutenberg.

A Proof of theorem 1

This material will be hidden if `hidesupplement` is provided.

[6] `https://ctan.org/pkg/algorithms`