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# Title of the paper

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## ABSTRACT

The abstract should be a self-contained summary of the paper, presenting concisely the objectives of the work reported, methodology, results, and conclusions. It should be limited to approximately 250 words. Mathematical expressions and citations in the abstract should be avoided.

Since the abstract may be more than a paragraph, we now support to add an abstract within the abstract environment. For compatibility reasons, it's also still possible to use the abstract-command as it was done in older versions of this template.

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## 1. Introduction

The introduction should be a review of pertinent work, should cite appropriate references, and should also include a clear statement of the object of investigation.

To use this template please use `lualatex`. For differences between the different  $\text{\LaTeX}$ -compilers, Wright published a blog post on the reasons in general (Wright 2024). This template supports old fashioned `pdflatex` but only for compatibility reasons, as the current version of the font is not available in `pdflatex`.

To be able to use all features you need an up to date  $\text{\LaTeX}$  installation. We tested backwards compatibility for most features until the release of 2023/11/01. If your installation is older, please update!

## 2. Different margins on the first page

The new setup uses different margins on the first page. The current implementation tries to take care of all aspects, still there might be unexpected side effects because of this mechanism. In case you phase any difficulties with the first page, its possible to manually add a `pagebreak` or surround special material, like lists or verbatim content by a `minipage` environment.

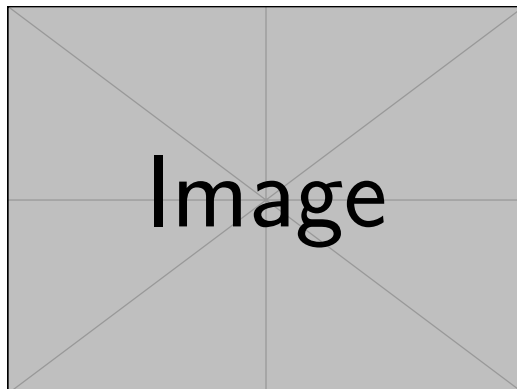
Please ensure that you don't use other commands for a manual break, as this would also change the vertical end of the first page.

In case there is an offset of the line length, either created by a calculation offset it is possible to adjust the `parshape` command to create an offset for the change of line length. For this this class provides a class option name `parshape-offset`. It accepts integer values and will shift the change of line length one line further for positive values. Negative values will place that change earlier.

- Test itemize on the first page.

For example if the first page contains a too long last line `parshape-offset=1` would be a good choice or in case the first line on the second page is too short `parshape-offset=-1` would be worth a try.

In case you face any specific edge cases which cannot be solved using a `minipage`, feel free to send an example to the author.



**Fig. 1.** An example image. Please ensure to add an appropriate caption.

### 3. Old font commands

$\LaTeX$  currently has some issues with old structures people keep using as they still work. So some package authors (including the one of this template) prefer to create an error message when deprecated commands are used. This includes the old font commands as `\bf`, `\it`, `\em`, ....

There is a *new* font selection scheme since 1994. Which is more flexible and improves the flexibility of the font selection. In case you want to change a font to bold use `\textbf{<bold text>}` or `\bfseries` if you want to use the switching macro instead of the command with an argument.

In case you rely on the old commands the error message and the following help text in your log file will provide more information on how to enable compatibility.

## 4. Floats

### 4.1. Figures

Figure captions should appear below the figures, therefore the `\caption` command should be placed below the image. To ensure that figures are referenced correctly, the `\label` command should be placed after or inside the `\caption`, as it's the case for standard  $\LaTeX$  as well.

For example, Figure 1 is a standard example to include an image produced by the following code:

```
\begin{figure}
\centering
\includegraphics[
alt=alt text for the example image,
width=.45\linewidth
]{example-image}
\caption{An example image ... }\label{fig}
\end{figure}
```

### 4.2. Tables

In order to create tables the tabular environment can be used as shown below. The captions should appear above the tables the spacing is automatically changed within the table-environment.

The table environment also selects a smaller font. This is a design requirement and intended. Do not change the font size!

The command `\tblnotes` can be used to include footnote(s) into a table if necessary. In this case we added the `\tablemeasure` command to measure the width of the tabular to adjust the box including the `\tblnotes` to be as wide as the tabular itself.

To ensure that tables are correctly referenced, the `\label` command should be included after or within the `\caption` command. For example, Table 1 is produced using the following code:

```
\caption{Caption should briefly describe the content and purpose of the table}
\label{tab}
```

```

\centering% centered table and the box containering the \tblnotes
\tblmeasure{
\begin{tabular}{lcccc}
\hline
\multicolumn{1}{l|}{Column 1} & \multicolumn{1}{c|}{Column 2} &
\multicolumn{1}{c|}{Column 3} & \multicolumn{1}{c|}{Column 4} &
Column 5
\hline
Row 1 & V12 & & & [...] \\
Row 2 & V22\footnotemark[2] & [...] & & \\
Row 3 & V32 & & & [...] \\
\end{tabular}
}
\tblnotes{
\footnotetext[1]{Footnotes can be included into a table if necessary.}
\footnotetext[2]{Second footnote}
}

```

## 5. Ordinary footnotes

Footnotes are just used as they are within standard L<sup>A</sup>T<sub>E</sub>X. To illustrate we have an example footnote attached to this sentence<sup>1</sup>.

## 6. Bibliography

This template supports biblatex and using the unicode capable backend “biber” for processing the bibliography file. Here we use an example bibliography and are citing some entries for demonstration only. The bibliography itself is printed using `\printbibliography`. Please prefer this mechanism over manually creating a bibliography environment. You find the bibliography after the main part.

There is a class option to adjust the main style as `eas-proc.cls` allows you to choose between numeric and authoryear citations. There are the options `bibstyle=numeric` and `bibstyle=authoryear` (which is the default) to switch between those.

To use manual bibliography using the `thebibliography` environment, you can turn off the biblatex citations using `bibstyle=manual`. This will create a warning if `\printbibliography` is used and reset the `\cite` command back to the setting before biblatex was loaded.

## 7. Known issues or package incompatibilities

### 7.1. tikzcd

The template is using the `babel` package. As described in the `tikzcd` documentation you need to load the `babel` library after the package, e.g.

```

\usepackage{tikzcd}
\usetikzlibrary{babel}

```

---

<sup>1</sup>An example footnote

**Table 1.** Caption should briefly describe the content and purpose of the table

Column 1	Column 2	Column 3	Column 4	Column 5
Row 1	V12	V13*	V14	V15
Row 2	V22 <sup>†</sup>	V23	V24	V25
Row 3	V32	V33	V34	V35

\*Footnotes can be included into a table if necessary.

<sup>†</sup>Second footnote

## 8. PDF/A

To create a PDF/A compliant PDF file, we added the necessary configuration to this template. Please be aware that L<sup>A</sup>T<sub>E</sub>X is not adding any modification to loaded graphics. So in case you include images you have to ensure these are compatible to the used color format.

```
\DocumentMetadata{  
  pdfversion=1.7,  
  pdfstandard=A-2b,  
}
```

## 9. Conclusion

Conclusion should give a short summary of the achieved results followed by possible further steps and extensions.

### Data Availability Statement

All data is available in the article

### Acknowledgements

Acknowledgements of people, grants, funds, etc. The names of funding organizations should be written in full. The institution(s) or person(s) covering the publication costs must be shown in this section.

## References

Wright, J. 2024. Engine news from the LaTeX Project. <https://www.texdev.net/2024/11/05/engine-news-from-the-latex-project> (accessed 2024-11-25).

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### Eestikeelse resümee pealkiri

Esimene Autor, Teine Author, Kolmas Autor, ...

Eestikeelse resümee tekst ...

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