LaTeX template for a short report

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July 31, 2021

Contents

1 Introduction

This document is an example short report in LaTeX showing how to use tables, figures and appendices, as well as providing example sections and references. To keep things simple and short, I use the *article* class rather than *report*. The strategies and scenarios are described in Section 2, the outcomes of the models in Sect. 3 and we discuss these outcomes in Sect. 4.

2 Strategies and scenarios

Describe your two strategies in this section. Which major variables have you chosen in the ETM? Why? Which values do you use for them?

Describe your four scenarios. If you use a table, put a tabular environment inside a (floating) table environment, like the example in Table 1.

3 Results

What are the (most important) results of your scenarios in the target year? How do the chosen variables affect the result for each scenario? Compare them to each other and the base model. How much CO_2 emission was prevented? What are the costs per household? Quantify your outcomes and support your claims with arguments. You can see some example results in Figure 1. More details can be found in Appendix A.

Scen.	Focus	Global/local	ΔT (°C)
A1	Materialistic	globalisation	$\sim 1.4 - 6.4$
A2	Materialistic	regionalisation	$\sim 2.0 - 5.4$
B1	Environmental	globalisation	$\sim 1.1 - 2.9$
B2	Environment	regionalisation	$\sim 1.4 - 3.8$

Table 1: An example table. Note that the label is in the caption!

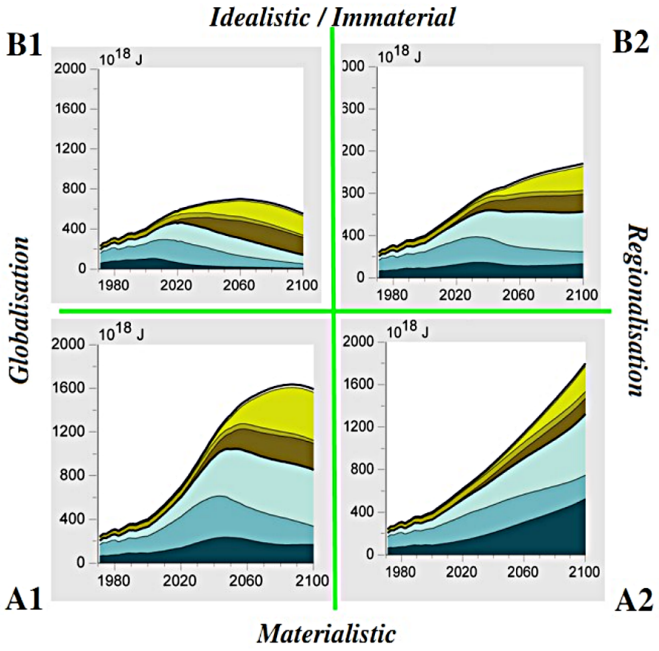

Figure 1: Example Figure. Note that the label is in the caption!

4 Summary, conclusions and discussion

Explain in which scenario(s) the energy transition can take place relatively painlessly, and in which scenario(s) this is more difficult. Are the consequences acceptable, realistic, possible, affordable, ...? Which scenario do you advice? Why? How close does it get to the 2030 goals?

5 References

This section is intended to show my favourite use of BibTeX in LaTeX (depending on the target) with a simple example. An example of a citation is the *C Programming Language Cheat Sheet* [1]. Also, I use the gcc C compiler [2] a lot, since it is freely available for everybody.

This is a citation to a real paper [3]. And this is how I cite Wikipedia [4].

Note that:

- I use a BibTeX style (*.bst) that I hacked together from number.bst, but where I made sure URLs can be used. The original was by Patrick W. Daly, but I can't seem to find the original and hence what exactly it is I changed...
- I can use more than one BibTeX file (*.bib).
- Only the entries from my BibTeX files that are *actually cited* are listed in the bibliography.
- After changing citations and/or references, I (may) have to run LaTeX, BibTeX, LaTeX and LaTeX again to get everything right.

You can usually find a the code for a BibTeX entry on sites where you can find papers. Google Scholar[1] (general) and ADS (physics) are useful places to go. You can copy the code for the BibTeX entry and paste it into your BibTeX file (*.bib). See [5] for a longer list of sites.

Appendices

A First appendix

With a subsection

The appendices look like simple sections... They offer room to many tables and figures.

B Second appendix

Here's a reference to Appendix A.

Bibliography

[1] **Choudhary, V.** *C Programming Language Cheat Sheet*, 2019. URL `https://developerinsider.co/c-programming-language-cheat-sheet/`. Visited 2019-03-22.

[2] **The GCC project**. *GCC, the GNU Compiler Collection*, 2018. URL `https://gcc.gnu.org/`.

[3] **Leung, J.Y.T. & Merrill, M.** *A note on preemptive scheduling of periodic, real-time tasks. Information processing letters* 11(3):115, 1980.

[4] **Wikipedia**. *Cron*. URL `https://en.wikipedia.org/wiki/Cron`. Visited 2018-03-12.

[5] **LaTeX Stack Exchange**. *What are good sites to find citations in BibTex format?* *https://texstackexchangecom/a/207/42066* 2020.

[1] After finding a publication in Google Scholar, click on the blue double quotes below the entry and click BibTeX at the bottom of the popup.