

How to use this template (and other stuff)

Henry Zheng Sahand Sabour Samuel Pegg

Abstract

The abstract is a brief (usually one paragraph) summary of the whole paper, including the problem, the method for solving it (when not obvious), the results, and the conclusions suggested or drawn. Do not write the abstract as a hasty afterthought. Look at it as a real exercise in cramming the most information in one paragraph. The reader should not have to read any of the rest of the paper in order to understand the abstract fully. Many readers will read only the abstract. Other readers will use it to decide what to look for in the paper, or to decide whether to read the whole thing. Remember Strunk & White's admonition, "Omit needless words."

Keywords: journal, template, latex

1 Introduction

To use this file, click "Open as template". Here is some meaningless text as an example. Delete all the text that is not part of your paper.

Einstein said that $E = MC^2$.

Many authors (Jones, 2016; Smith, 2017) have trouble replicating this result.

Our hypothesis is that $E = MC^3$.

2 Method

Here is an example of a one-column table using new column definitions.

Here is another example of a table (hspace not needed but can be used).¹

Portions of this template are shamelessly stolen from other documents lying around on the author's computer. He is grateful to Lenovo, Inc.

Copyright: © 2021. The authors license this article under the terms of the Creative Commons Attribution 3.0 License.

¹Footnotes at the end of sentences should go after the period.

TABLE 1: Experiment 3: Mean (SD) willingness to contribute to identified and unidentified victims, for self and for the average student.

	Self	Average student	Total
Identified victim	68.28 (55.77)	45.30 (66.17)	56.79 (61.89)
Unidentified victim	54.06 (61.89)	38.63 (67.20)	46.35 (60.63)
Total	61.17 (58.81)	41.97 (66.51)	

Here is a meaningless note about this table.

TABLE 2: This table is a very fancy table with a lot of small corrections in it, like the tildes in brackets. You don't need to do this sort of stuff with your own tables. But it may be useful to look at how notes are done, and how extra space is inserted between columns.

		Accuracy of first response (%)		Accuracy of final response (%)		Change of mind (%)		Response time (ms)	
		<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>	<i>M</i>	<i>SD</i>
Experiment 1	Congruent	73	44	85	36	20	40	1479	495
	Incongruent	45	50	84	37	45	50	1625	498
Experiment 2	Congruent	69	46	85	36	26	44	1567	477
	Incongruent	43	50	85	35	49	50	1695	469

Note. Means and standard deviations are calculated based on the trial level values (ignoring participants).

3 Results

Use subsections and subsubsections etc. freely.

The following is an example of a one-column figure. The caption can be long, and fully describe the figure, even if it is redundant with the text.

Here is a two-column figure. A figure will generally go at the top of the first page that refers to it, or as soon after that pages as possible. Do not assume that figures will appear at the place they are put in the text. In the tex file, they generally have to go before they are mentioned, in order to appear in the best place.

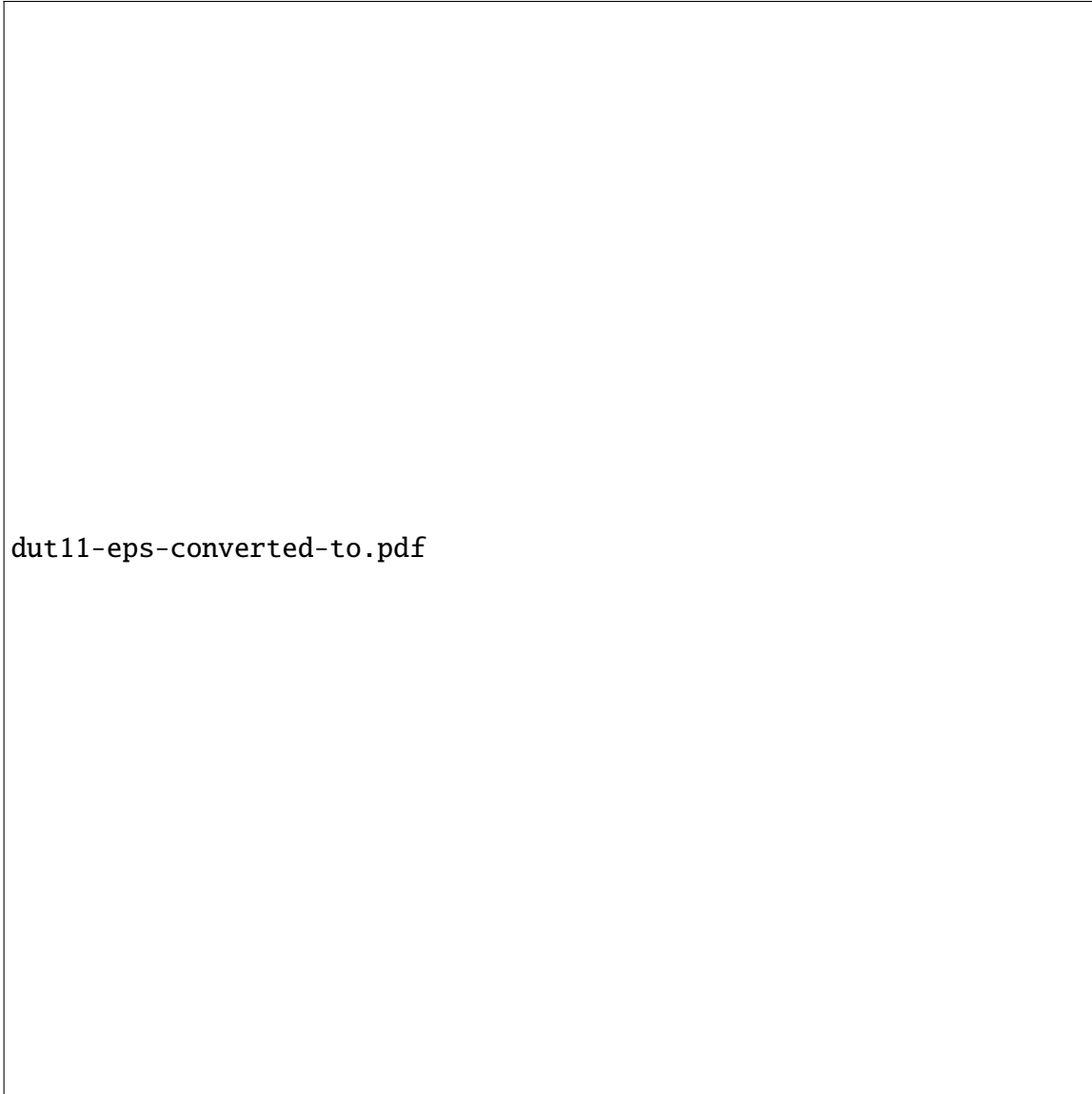


FIGURE 1: The caption goes under the figure like this. Note that columnwidth is the width of a column. But you can use any units, e.g., “3in” or “50mm”.

4 Discussion

It turns out that $E = MC^2$. Specifically,

$$E = \frac{\sum_{i=1}^n (M_i C)^2}{\alpha + \beta} \quad (1)$$

Equation 1 is true.



FIGURE 2: The caption like this.

4.1 How to write Mathematics

L^AT_EX is great at typesetting mathematics. Let X_1, X_2, \dots, X_n be a sequence of independent and identically distributed random variables with $E[X_i] = \mu$ and $\text{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

4.2 How to add Lists

You can make lists with automatic numbering . . .

1. Like this,
2. and like this.

. . . or bullet points . . .

- Like this,
- and like this.

References should be in APA style. Examples are below.

References

- Aarts, H., & Dijksterhuis, A. (1999). How often did I do it? Experienced ease of retrieval and frequency estimates of past behavior. *Acta Psychologica*, 103(3), 77–89. <http://someurl.html>.
- Barberis, N. & Thaler, R. (2003). A survey of behavioral finance. In G. M. Constantinides, M. Harris & R. Stultz (Eds.), *Handbook of the Economics of Finance*, pp. 1053–1123. Elsevier Science, North Holland, Amsterdam

Grice, H. P. (1975). Logic and conversation. In P. Cole & J. L. Morgan, (Eds.), *Speech Acts*, pp. 41–58. London: Academic Press. <http://dx.doi.org/3.14159--1x>.

Appendix

The asterisk means that these divisions are not numbered.

How to write Mathematics

This section is completely redundant with the text. Do not do that. This is just an example.

L^AT_EX is great at typesetting mathematics. Let X_1, X_2, \dots, X_n be a sequence of independent and identically distributed random variables with $E[X_i] = \mu$ and $\text{Var}[X_i] = \sigma^2 < \infty$, and let

$$S_n = \frac{X_1 + X_2 + \dots + X_n}{n} = \frac{1}{n} \sum_i^n X_i$$

denote their mean. Then as n approaches infinity, the random variables $\sqrt{n}(S_n - \mu)$ converge in distribution to a normal $\mathcal{N}(0, \sigma^2)$.

How to create Sections and Subsections

Use section and subsections to organize your document. Simply use the section and subsection buttons in the toolbar to create them, and we'll handle all the formatting and numbering automatically.