

# Elsevier L<sup>A</sup>T<sub>E</sub>X template<sup>\*</sup>

Elsevier<sup>1</sup>

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## Abstract

This template helps you to create a properly formatted L<sup>A</sup>T<sub>E</sub>X manuscript.

*Keywords:* `elsarticle.cls`, L<sup>A</sup>T<sub>E</sub>X, Elsevier, template

*2010 MSC:* 00-01, 99-00

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## 1. Introduction

Example using glossary entries heating zone temperature set-point, °C ( $T_{sp,h}$ )

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## 2. Methodology

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<sup>\*</sup>Fully documented templates are available in the elsarticle package on CTAN.

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### 3. Results

The results of the experiment are shown in Figure 1.

$$x^n + y^n = z^n$$

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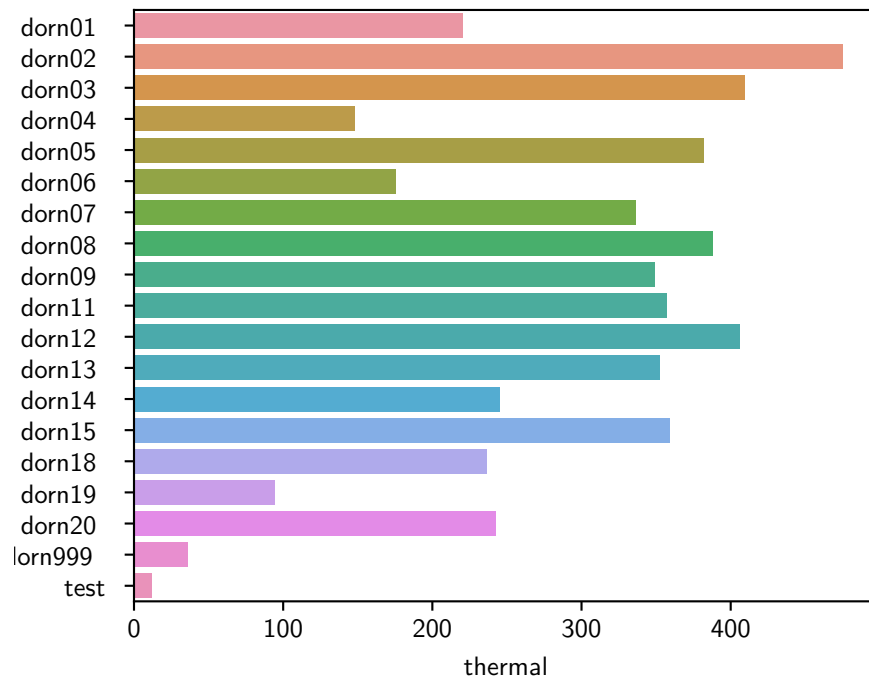


Figure 1: A PGF histogram from `matplotlib`.

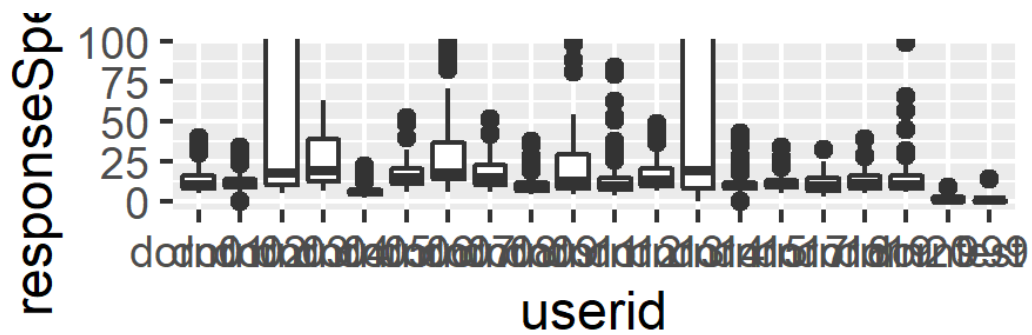


Figure 2: CBE Thermal Comfort Tool home page.

Table 1: Statistical summary for numerical variables.

userid	count	mean	std	min	25%	50%	75%	max
dorn01	220.0	547.59	1717.61	5.29	7.60	9.97	16.45	12881.03
dorn02	460.0	12.5*	17.17	0.05	8.97	10.77	13.92	367.31
dorn03	409.0	1730.18	7342.57	5.55	10.57	17.92	740.77	77659.02
dorn04	148.0	779.73	3153.20	5.82	11.62	17.09	39.55	33472.54
dorn05	382.0	281.05*	3608.37	2.61	4.17	5.57	7.46	58376.93
dorn06	175.0	598.26	3499.24	6.04	11.38	14.54	20.20	43851.74
dorn07	336.0	4046.04	66848.19	5.92	13.24	17.74	35.06	1225455.14
dorn08	378.0	826.63	4484.95	6.12	10.19	14.61	23.12	58846.26
dorn09	349.0	15.78*	88.28	3.88	6.37	8.42	11.19	1515.80
dorn11	344.0	458.84	1847.63	4.18	8.07	12.28	33.65	28388.53
dorn12	406.0	450.92	2837.14	3.14	7.41	9.78	14.60	39203.63
dorn13	340.0	489.83	4290.02	5.76	9.71	12.81	20.31	63232.19
dorn14	248.0	2526.32	7972.82	0.01	5.82	10.74	1773.29	55415.87
dorn15	348.0	142.5*	597.45	0.03	8.12	9.54	11.59	5071.06
dorn18	236.0	715.08	4316.17	3.36	6.88	9.21	14.11	59817.05
dorn19	94.0	21.59*	72.43	4.70	7.89	10.30	14.09	646.16
dorn20	242.0	463.17	1352.42	5.64	8.05	9.99	15.23	8423.58
dorn999	69.0	70.65*	306.19	0.03	0.04	0.92	3.39	2233.02
test	18.0	1.39*	3.22	0.00	0.04	0.57	1.13	14.01

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#### 4. The Elsevier article class

*Installation.* If the document class *elsarticle* is not available on your computer, you can  
download and install the system package *texlive-publishers* (Linux) or install the L<sup>A</sup>T<sub>E</sub>X  
package *elsarticle* using the package manager of your T<sub>E</sub>X installation, which is typically  
70 T<sub>E</sub>X Live or MikT<sub>E</sub>X.

*Usage.* Once the package is properly installed, you can use the document class *elsarticle* to  
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in exactly the same way as an article, unless you are submitting to a camera-ready copy  
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to format the

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- front matter

- keywords and MSC codes
- theorems, definitions and proofs
- lables of enumerations
- citation style and labeling.

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## 5. Front matter

The author names and affiliations could be formatted in two ways:

- (1) Group the authors per affiliation.
- (2) Use footnotes to indicate the affiliations.

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Here are two sample references: [1, 2].

## References

- [1] R. Feynman, F. Vernon Jr., The theory of a general quantum system interacting with a linear dissipative system, *Annals of Physics* 24 (1963) 118–173. doi:10.1016/0003-4916(63)90068-X.
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