

# L<sup>A</sup>T<sub>E</sub>X Template

Jan Hartstra

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## Abstract

This is a simple L<sup>A</sup>T<sub>E</sub>X template for the *article* template.

## Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
<b>2</b>	<b>Methods</b>	<b>2</b>
2.1	Equation . . . . .	2
2.2	Figure . . . . .	2
2.3	Table . . . . .	2
2.4	Lists . . . . .	3
2.4.1	Enumerate . . . . .	3
2.4.2	Itemize . . . . .	3
2.4.3	Description . . . . .	3
2.4.4	Listing . . . . .	3
<b>A</b>	<b>Appendix A</b>	<b>4</b>
<b>B</b>	<b>Index</b>	<b>4</b>

## List of Figures

1	This is a figure . . . . .	2
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## List of Tables

1	Outcome matrix . . . . .	2
2	Geboortecijfers van België . . . . .	3

## 1 Introduction

This document was created using the L<sup>A</sup>T<sub>E</sub>X typesetting system.

See <https://nl.wikibooks.org/wiki/LaTeX>

<https://en.wikibooks.org/wiki/LaTeX>

*This text is italic.*

**This text is bold.**

This text in a monospace font.

This text should be red.

## 2 Methods

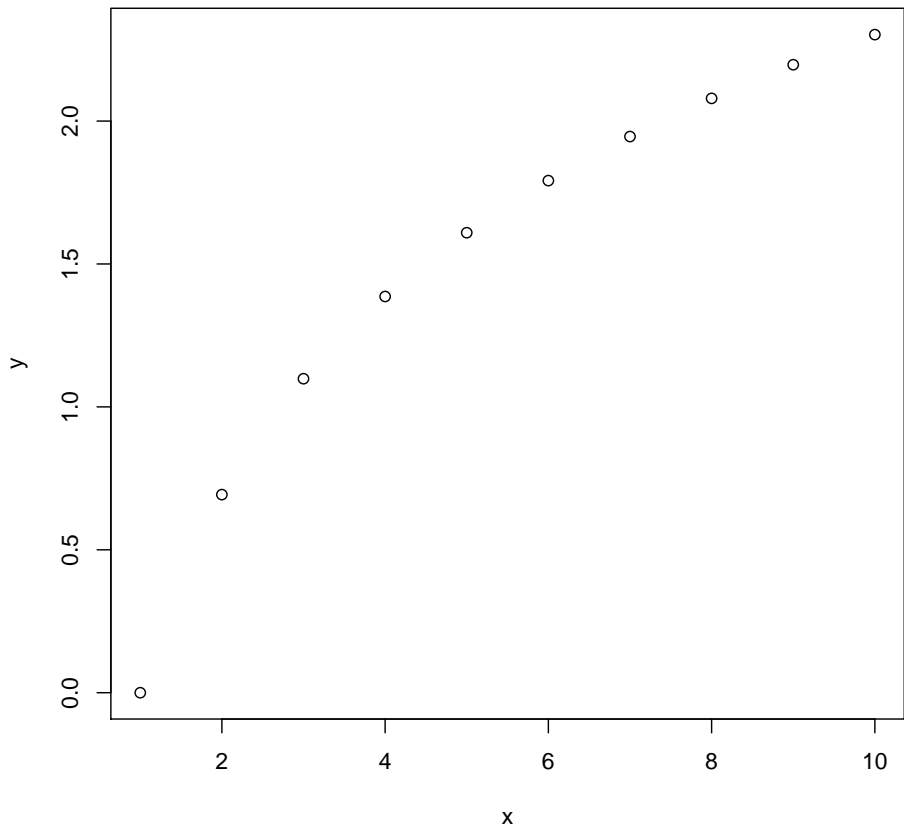
### 2.1 Equation

$$\bar{x} = \frac{\sum_{i=1}^n x_i}{n} \tag{1}$$

### 2.2 Figure

L<sup>A</sup>T<sub>E</sub>X can be used to create tables.

Figure 1: This is a figure



### 2.3 Table

L<sup>A</sup>T<sub>E</sub>X can be used to create tables.

Table 1: Outcome matrix

		Unknown truth	
		$H_0$	$H_1$
Decission	$H_0$	correct Pr = $1 - \alpha$ <i>significance level</i>	type II error Pr = $\beta$ <i>(false negative)</i>
	$H_0$	Type I error Pr = $\alpha$ <i>(false positive)</i>	Correct Pr = $1 - \beta$ <i>power of the test</i>

Jaar	Jongens	Meisjes	Totaal
1850	67.240	64.176	131.416
1900	99.026	94.204	193.230
1950	73.354	69.616	142.970
2000	58.790	56.093	114.883

Table 2: Geboortecijfers van België

[http://statbel.fgov.be/nl/statistieken/cijfers/bevolking/geboorten\\_vruchtbaarheid/](http://statbel.fgov.be/nl/statistieken/cijfers/bevolking/geboorten_vruchtbaarheid/)

## 2.4 Lists

### 2.4.1 Enumerate

1. First
2. Second
3. Third

### 2.4.2 Itemize

- First
- Second
- Third

### 2.4.3 Description

- A First
- B Second
- C Third

### 2.4.4 Listing

Listing like programming code can be included using the `verbatim` environment.

```
x<-seq(0,10,0.1)
y<-log(x)
plot(x,y)
```

Using the `lstlisting` environment from the **listings** package programming code can be displayed in a more fancy way.

```
1 x<-seq(0,10,0.1)
2 y<-log(x)
3 plot(x,y)
```

---

## A Appendix A

This is appendix A.

## B Index