

**The title of your paper  
may be more than one line**

Term paper for the  
Seminar XXX  
Winter Term/Summer Term 202X  
or Bachelor/Master Thesis in Finance ...  
at the  
Faculty of Business, Economics and Social Sciences  
University of Hohenheim

First examiner: Prof. Dr.  
Second examiner: if there is one

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# 1 Title - Probably Introduction

## 1.1 Formal Guidelines

## 1.2 Some examples on the use of $\LaTeX$

The following is an exemplary text and shall make clear how to use different formatting rules within the main body of your thesis. The most important rule of using  $\LaTeX$  efficiently is: USE GOOGLE TO FIND A SOLUTION TO A SPECIFIC PROBLEM.

### Citation

One possibility to cite is to directly list the source within the body of your text (see Name, 2006, pp.225-369). According to Mustermann and Musterfrau (2006) you can cite like this as well. You may include tables either in the text or list them in the Appendix.

Table 1: Small Sample Table

A very	small sample	table
first column left	second column centered	third column right
	<u>underlined second column</u>	
	Write across two columns	Third column

Table 1 should be described in a way that it is possible to understand it without reading the main body of your text first.

### Math Environment

In the math environment you can use the following shortcut to change the font style of  $\beta$  to bold  $\beta$ . We created the shortcut in the preamble of the document. That was the command

```
\newcommand{\bs}{\boldsymbol}.
```

Important equations should be numbered, e.g.,

$$b = (x'x)x'y. \tag{1}$$

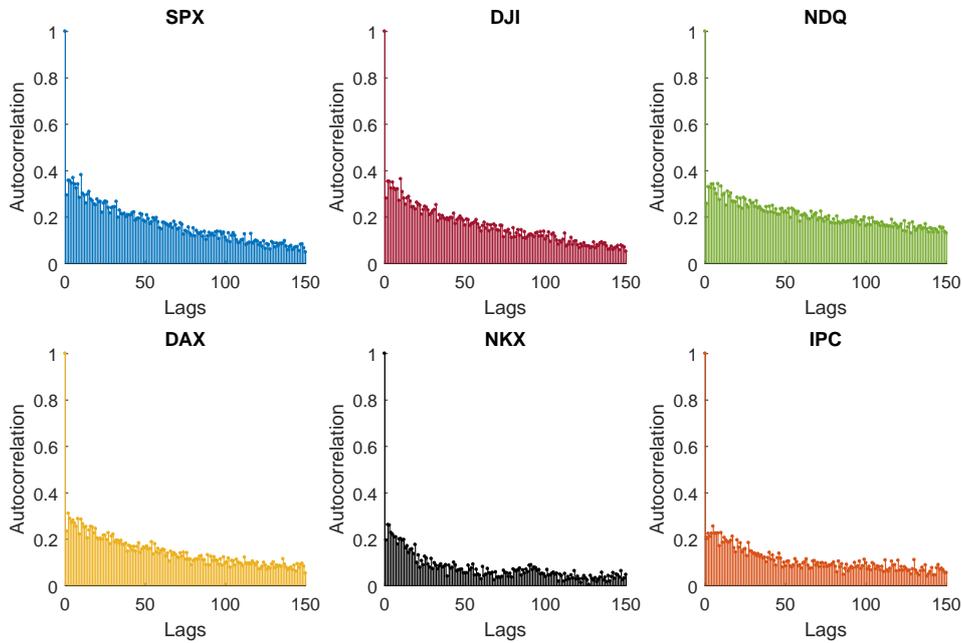
Less important equations that occur only once and are not referred to throughout the text are written as

$$a = 1.$$

If they are as short as  $a = 1$  they probably end up inline. The first equation can be referred to using the reference to the respective Equation (1) label. Note that for

unknown reasons references to Equations, Tables, and Figures are usually written with capital letters. Accordingly, we can reference Figure 1 or Figure 2.

Figure 1: Graphic Title



The figure should be described in a way that it is possible to understand it without reading the main body of your text first.

The tilde between „Figure“ and „\ref{fig:secondGraphic}“ prevents the number to be placed at the beginning of the next line in case of a line break. Analogously we can deal with Table 1.

In the following you may find some ideas about how to efficiently use the math environment:

$$\lim_{x \rightarrow \infty} \exp(-x) = 0 \tag{2}$$

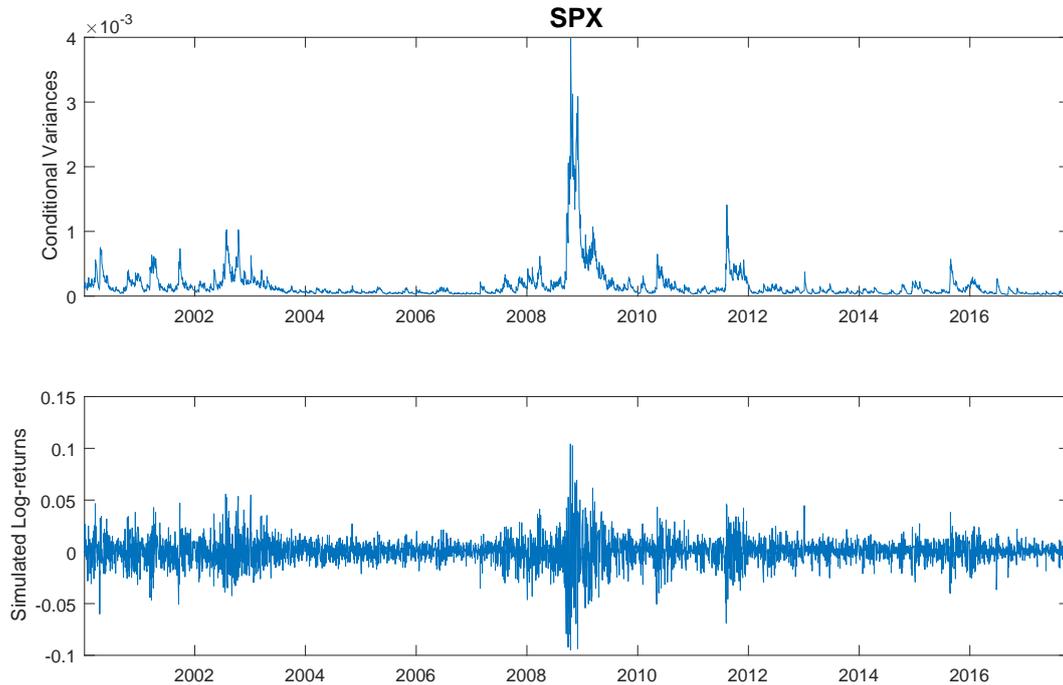
$$\frac{n!}{k!(n-k)!} = \binom{n}{k} \tag{3}$$

$$\sqrt[n]{1 + x + x^2 + x^3 + \dots + x^n} = n^{\text{th}} \text{ root} \tag{4}$$

$$\left( \left( \left( \left( \sum_{i=1}^{10} t_i \neq \int_0^{\infty} e^{-x} dx \right) \right) \right) \right) \tag{5}$$

$$\Rightarrow A_{m,n} = \begin{pmatrix} a_{1,1} & a_{1,2} & \dots & a_{1,n} \\ a_{2,1} & a_{2,2} & \dots & a_{2,n} \\ \vdots & \vdots & \ddots & \vdots \\ a_{m,1} & a_{m,2} & \dots & a_{m,n} \end{pmatrix} \tag{6}$$

Figure 2: Graphic Title



The figure should be described in a way that it is possible to understand it without reading the main body of your text first.

## 2 Required programs

Windows:

- Miktex (<http://miktex.org/>)
- an editor, according to taste e.g. WinEdt (<http://www.winedt.com/>; fee-based student version) or other freeware, e.g. TeXnicCenter ([www.texniccenter.org/](http://www.texniccenter.org/))
- ghostview and ghostscript (<http://pages.cs.wisc.edu/~ghost/>)

Linux:

- Latex is mostly available in all distributions, e.g. tetex in Suse (in case it is not, install it via yast)
- as an editor we recommend Kile

for bibliography management you may use:

for example JabRef (<http://jabref.sourceforge.net/>)

## 3 Presentations

You find examples and templates for document class 'beamer':

<http://www.informatik.uni-freiburg.de/~frank/latex-kurs/latex-kurs-3/Latex-Kurs-3.html>

## References

Franz Mustermann and Franziska Musterfrau. *A book title*. random publishing house, 2006.

Vorname Name. name of the article. *the journal's name*, 1:1–2, 2006.

## 4 Appendix

This could be the appendix if you really need one.

## Erklärung\*

Hiermit erkläre ich,

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Matrikelnummer

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Supervisor

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Topic of the paper/thesis

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