Master Thesis

Testing Fama-French Factor Models
An Empirical Research

Wissenschaftliche Arbeit zur Erlangung des Grades eines Master of Science an der Fakultät für Betriebswirtschaft Munich School of Management der Ludwig Maximilians Universität München

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Referent (Head of Department): Prof. Dr XX

Betreuer (Supervisor): XX

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Acronyms

GCD Greatest Common Divisor 5

LCM Least Common Multiple 5

List of Symbols

x position 5

v velocity 5

a acceleration 5

t time 5

F force 5

Abstract

This report aims to evaluate xx. The abstract should be double-spaced and not more than 100 words

1 Introduction

Sample text extended extended extended extend. This is my introduction. When writing a master thesis, the introduction (in total between three and 5 pages) can be divided into subsections problem definition and method of investigation.

Footnotes are numbered sequentially throughout the thesis and have to be written in type size 10 pt with line spacing 1.0. They are below the text, separated by a horizontal line.

1.1 Problem Definition

problem definition justifies the choice of topic, explains the motivation, of the paper, describes the purpose and the questions and limits the problem to one or more aspects

Exactly this

1.2 Method of Investigation

The method of investigation should not only explain how you proceeded in the following chapters but also why you proceed this way.

Follow this

2 Main Body

The main part typically consists of two to 5 chapters, which have to be subdivided. Bachelor theses should not have more than three levels (e.g. 2.3.1.") and master theses should not have more than four structuring levels (e.g. 3.1.2.2")

In general, there should either be no text or only a few introducing sentences between the superior section and the following subsection.

2.1 Body 1

3   Conclusion

The conclusion gives a summary of the main results and should refer back to the purpose and questions mentioned in the introduction. You can describe open issues or suspected consequences of your results in an outlook. Developed approaches should be discussed in the main part of the paper, not in the conclusion!

4   ALL SAMPLE DATA AND EGS

4.1   subsec 0

This is some text for the section.

I can reference now otherwise use (Dirac [1]). Now trying the footnotes. It is pretty simple [1]

4.2   subsec 1

An analysis of the effect of the revised recruitment policies on staff turnover at divisional headquarters (Einstein [2])

The equation given by einstein -

$$E = mc^2 \tag{1}$$

Einstein wrote his famous equation (1), blah blah blah ....

Integrals

$$f(x) = x^2$$
$$g(x) = \frac{1}{x}$$
$$F(x) = \int_b^a \frac{1}{3} x^3$$

4.3   This is an example of subsection Title

Reference symbols: x, v, a, t, F. Given a set of numbers, there are elementary methods to compute its Greatest Common Divisor, which is abbreviated GCD. This process is similar to that used for the LCM (Least Common Multiple).

Using another footnote here [2]

4.3.1   subsubsec1:(`ragged2e`)

Hello, here is some text without a meaning. This text should show what a printed text will look like at this place. If you read this text, you will get no information. Really? Is there no information? Is there a difference between this text and some nonsense like "Huardest gefburn"? Kjift – not at all! A blind text like this gives you information about the selected font, how the letters are written and an impression of the look. This text should contain all letters of

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[1]Some UTF-8 support via LaTeX kernel commands.
[2]some data

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need for special content, but the length of words should match the language.

4.3.2   subsubsec 2

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subsec 3

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subsec 4

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4.4   subsec 5

Tables:

In text, I can reference the Table 1 like this.

x	1	2	3
$f(x)$	10	12	14

Table 1: e.g. Table 1

Rows and columns can be merged to create larger table cells.

col1	col2	col3
Multiple row	cell2	cell3
	cell5	cell6
	cell8	cell9

Table 2: e.g. Table 2

The table 3 and 4 are an examples of referenced LaTeX elements.

Col1	Col2	Col2	Col3
1	6	87837	787
2	7	78	5415
3	545	778	7507
4	545	18744	7560
5	88	788	6344

Table 3: This is the caption for the third table.

Col1	Col2	Col2	Col3
4	545	18744	7560
5	88	788	6344

Table 4: This is the caption for the fourth table.
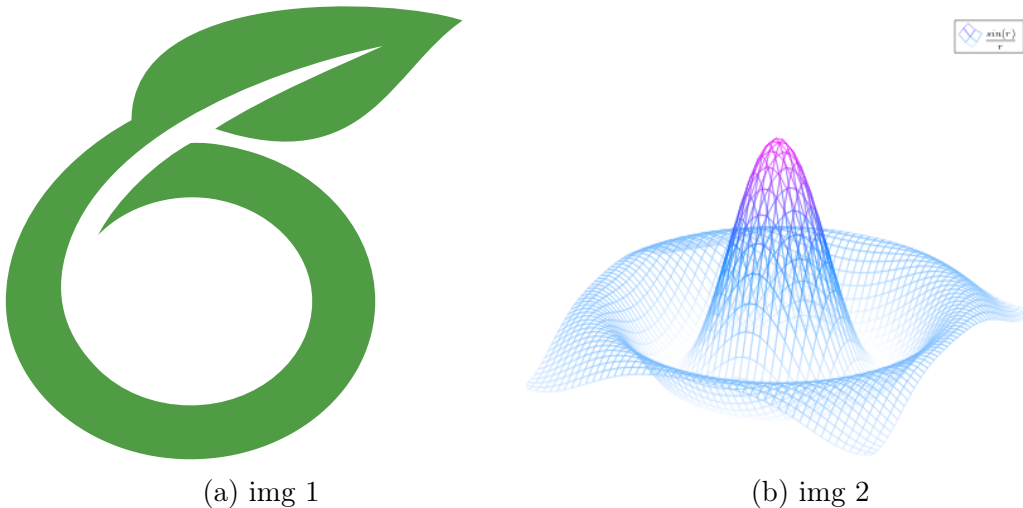
Images

(a) img 1
(b) img 2

Figure 1: Figure with two images

I can reference images such as 1 containing 1a and 1b

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Figure 2: img3

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Appendices

A   App / Anx 1 - Formula XXX

Text and images for Ap A. The appendix is an optional part of the thesis, which might include: tables with additional data, additional figures, mathematical proofs and derivations, etc. The different parts of the appendix should be lettered (e.g. Appendix A") and might be subdivided (e.g. A.1"). The appendices are listed in the table of contents (see example documents). You have to refer to each appendix at least once in the main part, otherwise this appendix serves no purpose.

B   App / Anx 2 - Report XXX

Report data and lab results or prog methods for Ap B

Bibliography and References

[1] Paul Adrien Maurice Dirac. *The Principles of Quantum Mechanics*. International series of monographs on physics. Clarendon Press, 1981. ISBN 9780198520115.

[2] Albert Einstein. Zur Elektrodynamik bewegter Körper. (German) [On the electrodynamics of moving bodies]. *Annalen der Physik*, 322(10):891–921, 1905. doi: http://dx.doi.org/10.1002/andp.19053221004.

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München, den XX.XX.2023   Zelieus N

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