

TITLE OF THE DISSERTATION - FIRST PAGE

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Title of the dissertation

Doctoral Dissertation

Title of the dissertation in Slovenian

Doktorska disertacija

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Contents

Abstract

The Abstract should be written in the file *Abstraxt.txt*.

Povzetek

Povzetek se piše v dokumentu *Povzetek.tex*

1 Introduction

This Chapter explains how to provide citations, publications related to the dissertation and abbreviations throughout the thesis.

1.1 Citations

In order to use the correct bibliography style, the bibliography style *mps4_5* is included in the main file *thesis.tex*. Several examples for citations are provided in continuation.

1. Article citation: (?), (?)
2. Web page citation: (?)
3. Author citation: ?
4. Book citation: (?)
5. Conference article citation: (?)
6. Several citations:
 - (???)
 - (??)
 - (???)
 - (?)
 - (?)
 - (?)
 - (?)
 - (?)
 - (???)
 - (?????)

1.2 Publications related to the dissertation

Publications related to the dissertation should be entered in *myPublication.bib* file. In order to enter them in Chapter ??, one should cite (include) them in the file *my_publications.tex*.

In order a publication to appear in the chapter *Publications related to the dissertation*, after changing the file *my_publications.tex*, one has to run *bibtex bu.aux* for all *bu*.aux* files (*bu1.aux*, *bu2.aux* etc.). After compiling, the references to the publications will appear.

1.3 Abbreviations

The first occurrence of an abbreviation has to be followed with its long explanation. See the examples below for different types of abbreviations.

To add a new abbreviation, in the file *abbreviation.txt* use the following command:

```
\newacronym\<label>\{<abbrv>\}{<full>}
```

In order to make the abbreviations appear in the list of abbreviations, the following procedure should be applied:

1. Apply latex compile twice (from the editor or in command line by using the command `latex thesis.txt`)
2. Run the following two commands in command line:

```
makeindex -s thesis.ist -t thesis.alg -o thesis.acr thesis.acn
```

```
makeindex -s thesis.ist -t thesis.gls -o thesis.gls thesis.glo
```

Afterwards the latex compile will include the list of abbreviations. Any content changes in the file *abbreviation.txt*, require repeating the above procedure in order for changes to take effect.

The first occurrence of an abbreviation has to be followed with its long explanation. Several examples of usage of long abbreviations are given in continuation.

- Adding an abbreviation and a citation: qualitative-quantitative method (QQ) (?). QQ is an abbreviation that has been already included.
- Fully nested Archimedean copulas (FNAC) is an abbreviation at the beginning of the sentence.
- Adding a new abbreviation in text for information cost function (ICF).
- Usage of the long plural form of the acronym: information cost functions.
- Usage of the long singular form of the acronym: information cost function.
- Usage of the short plural form of the abbreviation: ICFs.
- Usage of the short singular form of the abbreviation: ICF.

1.4 Contribution

This is a new section.

1.5 Organization of the thesis

This is a new section.

2 Definitions, Theorems, Lemmas and Algorithms

This Chapter explains how to provide Definitions, Theorems, Lemmas and Algorithms in the thesis.

2.1 Definitions, Theorems, Lemmas

Definition 2.1. *This is definition.*

Theorem 2.1. *This is theorem.*

Lemma 2.1. *This is lemma.*

2.2 Algorithms

This is an example of how to write an Algorithm by using the packages *algorithm* and *algorithmic*.

Algorithm 1 Regression algorithm for FNAC structure and dependent variable in the p position

```

1:  $v \leftarrow 0.5$ 
2:  $q \leftarrow 0.5$  ▷ calculate median regression for  $q = \frac{1}{2}$ 
3: if  $p == n$  then ▷ if regression variable is positioned last; n is the number of random
   variables/attributes;
4:    $v \leftarrow [1 - u^{-\theta} + (qu^{1+\theta})^{-\frac{\theta}{1+\theta}}]^{-\frac{1}{\theta}}$  ▷ calculate  $v$ 
5: else
6:   for  $j = 1 \rightarrow (n - p)$ ,
7: (or  $j = 1 \rightarrow (n - 2)$ , when  $p=1,2$ ) do ▷ if position of regression variable other than the last
8:    $q \leftarrow v$  ▷ replace  $q$  with the value of  $v$ 
9:    $v \leftarrow [1 - u^{-\theta} + (qu^{1+\theta})^{-\frac{\theta}{1+\theta}}]^{-\frac{1}{\theta}}$  ▷ recalculate the new value of  $v$ 
10:   $i \leftarrow i - 1$ 
11: end for ▷  $p$  is the output variable position
12:   $q \leftarrow v$  ▷ replace  $q$  with the value of  $v$ 
13:   $v \leftarrow [1 - u^{-\theta} + (qu^{1+\theta})^{-\frac{\theta}{1+\theta}}]^{-\frac{1}{\theta}}$  ▷ recalculate  $v$ ; if  $p = 1$ ,  $u = u_2$ ; if  $p = 2$ ,  $u = u_1$ 
14: end if
15:  $u \leftarrow F_1(x_1)$  ▷ replace  $u$  by  $F_1(x_1)$ 
16:  $v \leftarrow F_2(x_2)$  ▷ replace  $v$  by  $F_2(x_2)$ 

```

3 Formatting Figures and Tables

This Chapter provides examples of formatting Figures and Tables.

3.1 Formatting figures

An example of how to format several drawings in one figure is provided on Figure ??.

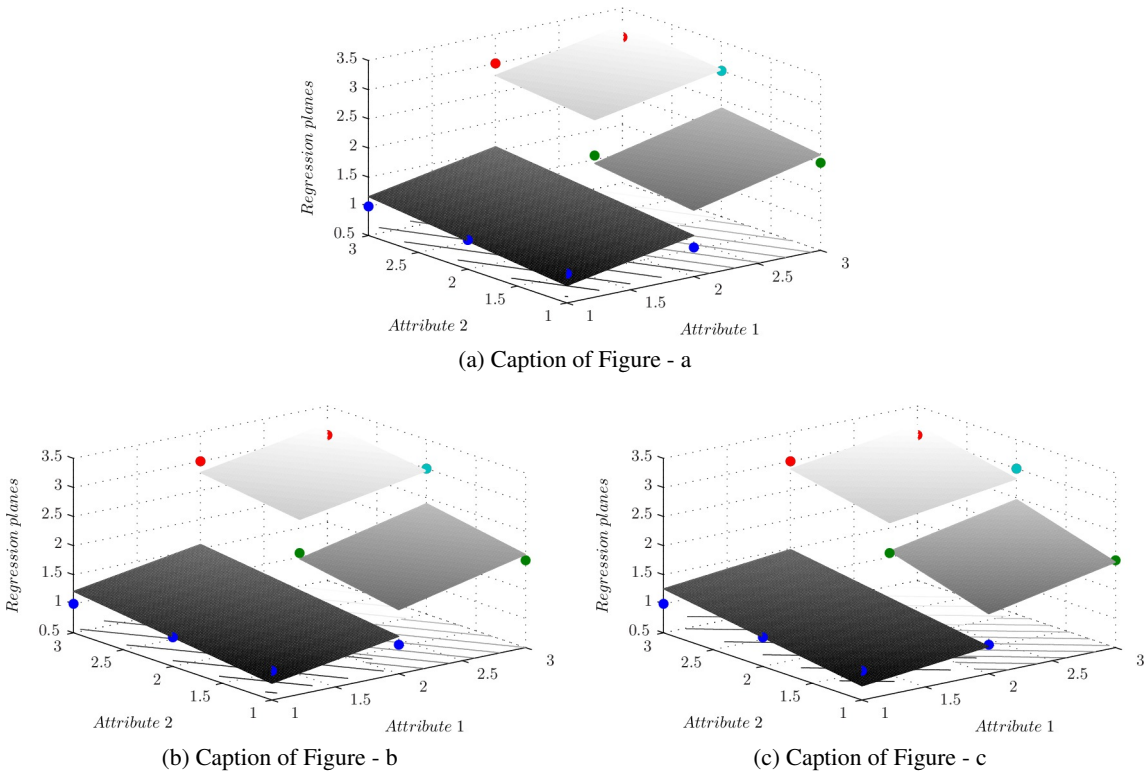


Figure 3.1: Caption of the Figure

3.1.1 Subsection

This is an example of subsection.

This is a pragraph This is an example of a paragraph within the subsection ??.

Subsubsection

This is an example of subsubsection. The maximal depth of numbered subsections is 2.

3.2 Formatting Tables

An example of how to format a table is given in Table ???. Shadings are not a requirement.

Table 3.1: Qualitatively described problem

No.	QA ₁	QA ₂	QC
1	good	good	good
2	better	good	good
3	good	better	good
4	good	the best	good
5	the best	good	better
6	better	better	better
7	the best	better	the best
8	better	the best	the best
9	the best	the best	the best

4 Acknowledgements

The research of the author was supported by Ad Futura Programme of the Slovene Human Resources and Scholarship Fund. I would also like to acknowledge the support of the Slovenian Research Agency through Research Programme XY-ZZVR.

Publications related to the dissertation

1.01 Original scientific article

1.08 Published scientific conference contribution

List of Figures

List of Tables

List of Algorithms

Appendix

A Appendix 1

This is Appendix 1.

B Appendix 2

This is another appendix.