## HUMBOLDT-UNIVERSITÄT ZU BERLIN Wirtschaftswissenschaftliche Fakultät Institut für Statistik und Ökonometrie

Lehrstuhl für Statistik





# Guidelines for Writing a Bachelor or Master Thesis

#### Qualifying requirements:

#### Bachelor:

- 1.) Six points (Studienpunkte) from the module Applied Statistics to be attained by the time of submission of the Bachelor thesis.
- 2.) One satisfactory presentation and regular attendance in "Privatissimum Statistics" (PRI)

#### Masters:

- 1.) Exam pass in "Multivariate Statistical Analysis I" (MVA1) (4 SWS)
- 2.) Exam pass in "XploRe Introductory Course" (XIC) (2 SWS)
- 3.) One satisfactory presentation and regular attendance in "Privatissimum Statistics" (PRI).
- 4.) A ten-page pilot paper on a given topic with corresponding Quantlets.

Confirmation by the appropriate examination office is required for 1) and 2).

#### Aim of the thesis:

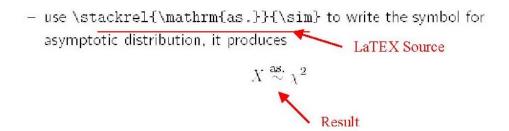
The purpose of the final thesis is to show that you have the ability to apply statistical methods to a problem in an appropriate manner. For a bachelor thesis this means tackling a problem using mathematical statistical or data-analytical methods. In a masters thesis the problem must be tackled in an appropriate manner using both mathematical statistical and data analytical methods.

The evaluation of the thesis is orientated towards the following aspects:

- 1.) Form Have the formatting instructions been observed? Is the work legible from a formatting perspective; for example, are all of the graphic elements in the correct place, or are any of the tables outside of page borders? Are there any typing mistakes, grammatical errors or incomplete sentences?
- 2.) Statistics Have the mathematical statistical aspects been correctly processed? Are the statistical methods used for the problem appropriate?
- 3.) Interpretation Is the work clear in relation to the formulation of the problem? Have the problems presented been adequately answered? Is the sequence of the methods applied clearly described, self-evident and understandable? Is the interpretation of the results correct, complete and understandable?

Requirements of content and form of the pilot paper and thesis:

- 1.) The work should present the author's competence in the subject and their ability to independently handle and process statistical data with the help of statistical software (for example XploRe, SPSS, Matlab, R, etc.)
- 2.) The thesis should be written in LaTeX. Any deviation from these regulations will only be permitted with prior approval.
- 3.) MD\*Stat style should be used for the mathematical symbols in presentations and in the thesis. Here is an example:



The corresponding LaTeX-source (Slides: MD\*Stat Style) can be found at: <a href="http://www.quantlet.com/mdstat/products">http://www.quantlet.com/mdstat/products</a> content right.html

- 4.) The cover page should contain the Humboldt University logo (see: <a href="http://www.hu-berlin.de/hu/design/logo">http://www.hu-berlin.de/hu/design/logo</a>), the name of the chair and the CASE logo (both can be found at <a href="http://www.case.hu-berlin.de/">http://www.case.hu-berlin.de/</a>)
- 5.) Tables should be integrated into the text (not in the Appendix). Each table should not exceed one page. Here is an example:

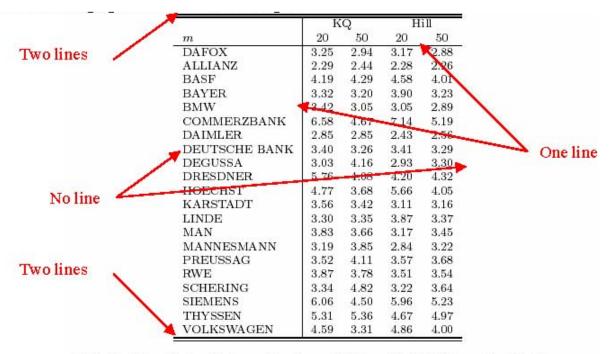
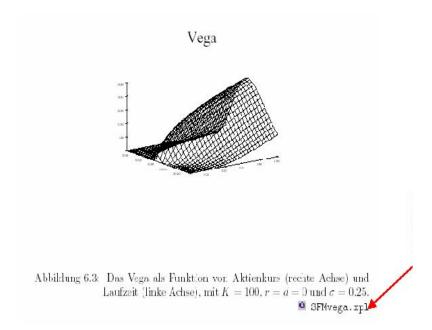
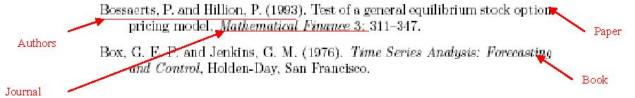


Tabelle 12.1: Naive Kleinste-Quadrate (KQ) und Hill Schätzer des Flanken-Exponenten a mit Stutzungspunkten m.

6.) Graphics should be provided with legends, as in the following example:



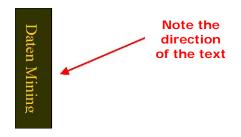
- 7.) Programs (Quantlets) should be submitted with the thesis. Each program should have  $\mathbf{Q}$  a Quantlet logo:
- 8.) All references should be prepared in AMS-style and should be quoted as in the following example: "... was used from **Bossaerts and Hillion (1993)** ... ". The list of references should be compiled in the following way:



- 9.) All sources, quotes, graphics, tables etc. should be clearly identified. The thesis will be checked for plagiarism, and if found the work will assessed as "failed".
- 10.) Cases falling outside of the above rules are to be referred to the Examination Office (Prüfungsamt).

#### Guidelines for thesis submission:

1.) Two additional copies of the thesis are required for the examination office; one of them for the chair of statistics which should be marked as follows: title of the thesis and author's name, both on the cover page and on the spine of the work in gold letters.



- 2.) The thesis should also be produced in an electronic PDF format in order for it to be uploaded onto the HU's website and be publicly available. The PDF file must comply with the requirements stipulated by the HU computer centre, these can be found at:
  - $\frac{\text{http://edoc.hu-berlin.de/e autoren/vorlage-pdf.php?arbeit=Dissertationen\%20\%C2\%BB\&index=index.php\&nav=diss:}{\text{The PDF file should then be sent as an email attachment to: } \underline{\text{stat@wiwi.hu-berlin.de}}.}$
- 3.) The period permitted to write the thesis is 90 days; this deadline must not be exceeded. The

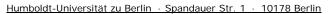
90 day period commences on the day the topic is selected and assigned. The online version and duplicates for the chair of statistics may be handed in after the official deadline; however the assessment of the work will only be carried out when all required versions have been submitted.

# HUMBOLDT-UNIVERSITÄT ZU BERLIN Wirtschaftswissenschaftliche Fakultät

Wirtschaftswissenschaftliche Fakultät Institut für Statistik und Ökonometrie Lehrstuhl für Statistik

Submission of thesis by author:

O Online version submitted





### **Application Form for Masters or Bachelor Thesis**

This form is to be kept in the secretariat of the Chair of Statistics. All signatures for submission dates can be obtained either in the secretariat or through the supervisor.

Family Name:		Forename:		
Field of Study:		Student ID Nr:		
Tel	:	E-Mail:		
Add	dress:	Future Employer:		
Submission of thesis:		Bachelor thesis	Master thesis	
Title	e:			
Sta	rt Date:			
Sup	pervisor:			
<u>I c</u>	onfirm that:			
Ο	I have obtained and read the guidelines for writing a bachelor and master thesis in full.			
О	I consent to my thesis being publicly available on the Internet.			
О	I consent to subscribing to the ALUMNI email group.			
О	I consent to providing the secretariat with the address of my new employer or new position after completion of my studies, as soon as it is known.			
			www.orripioyer	or new position
_			Signature	· 
	after completion of my studies, as	soon as it is known.	Signature	· 
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0 0 0	Date  Ten-page paper submitted  RDC Account set up  Exam pass in "Multivariate Statistics" (Master/Diplom)  Exam pass in "Statistical programming languages	soon as it is known.  ments and submission of the	Signature	· 