



Swiss Federal Institute of Technology Zurich

Seminar for  
Statistics

Department of Mathematics

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Master Thesis

Summer 2009

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Student Muster

The title of my thesis  
which should be split on  
several lines if it is too long

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Submission Date: August 19th 2009

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Co-Adviser Markus Kalisch  
Adviser: Prof. Dr. Sara van de Geer



To some special person



# Preface

First words and acknowledgements.



# Abstract

Short summary of my thesis.

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# Chapter 1

## Introduction

Description of the work. Prepare the reader for the following chapters.

You will cite literature here, typically



## Chapter 2

# First Chapter

### 2.1 To include a picture

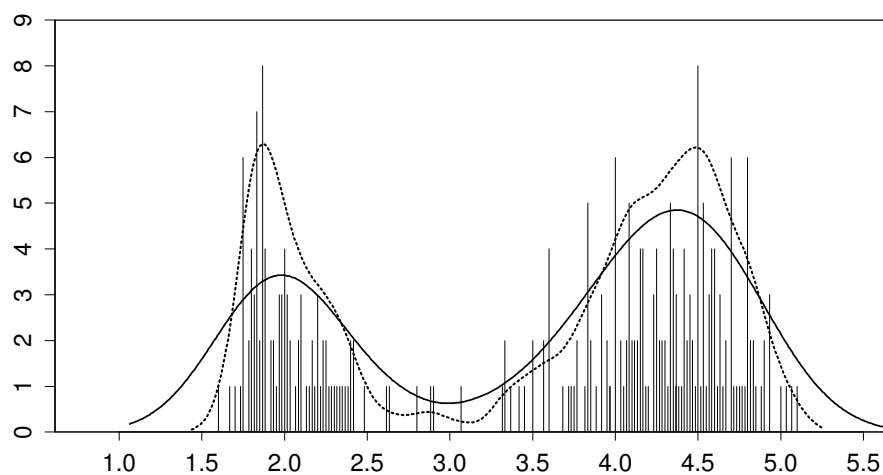


Figure 2.1: Old Faithful Geyser eruption lengths,  $n = 272$ ; binned data and two (Gaussian) kernel density estimates ( $\times 10$ ) with  $h = h^* = .3348$  and  $h = .1$  (dotted).

Or also with `includegraphics`:

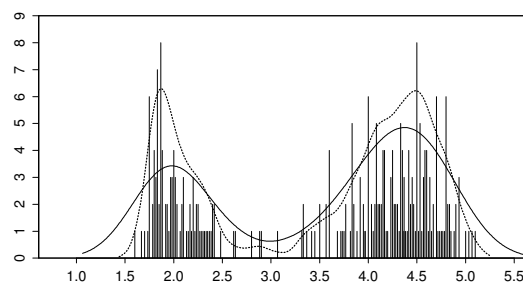


Figure 2.2: Old Faithful Geyser eruption lengths,  $n = 272$ ; binned data and two (Gaussian) kernel density estimates ( $\times 10$ ) with  $h = h^* = .3348$  and  $h = .1$  (dotted).

## 2.2 To make a proof

*Proof.*  $1 + 1 = 2$

□

## 2.3 Other information

Put a text between quotes: make sure to use nice quotes, such as “quote”.

Cite a document in the bibliography (an example here): [Author and Author \(tion\)](#). Or mention that [Hampel](#) (a person) or [Stahel and Weisberg](#) (two persons) have already done quite a bit work.

Referencing a different part of your work: please refer to Appendix [A](#).

## Chapter 3

# Summary

Summarize the presented work. Why is it useful to the research field or institute?

### 3.1 Future Work

Possible ways to extend the work.





# Bibliography

Author, F. and S. Author (year of publication). Title of the article. *Journal where the article has been published* volume of the journal(issue number), firstpage–lastpage.

Hampel, F. R. (1985). The breakdown points of the mean combined with some rejection rules. *Technometrics* 27(2), 95–107.

Stahel, W. and S. Weisberg (1991). *Directions in Robust Statistics and Diagnostics*, 2 vol. N. Y.: Springer-Verlag.



# Appendix A

## Complementary information

Additional material. For example long mathematical derivations could be given in the appendix. Or you could include part of your code that is needed in printed form.

For code or *R* output you can use `verbatim`. It just prints the text however it is (including all spaces, “strange” symbols,...) in a slightly different font.

```
## loading packages
library(RBGL)
library(Rgraphviz)
library(boot)
```

```
## global variables
X_MAX <- 150
```

```
    This allows me to put as many s p a c e s as I want.
I can also use \ and ' and & and all the rest that is usually only
accepted in the math mode.
```

```
I can also make as
                many
                line
                breaks as
I want... and
                where I want.
```

Furthermore, you can add several Appendices to your thesis (as you can include several chapters in the main part of your work).



## Appendix B

# Yet another appendix....

### B.1 Description

**Something** details.

**Something else** other definition.

### B.2 Tables

Refer to Table [B.1](#) to see a left justified table with caption on top.

Table B.1: Results.	
<b>Student</b>	<b>Grade</b>
Marie	6
Alain	5.5
Josette	4.5
Pierre	5



# Epilogue

A few final words.