



# title

subtitle

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**Master Thesis** 

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Institut für Werkzeug- und Fertigungstechnik

## **Abstract**

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# **List of Abbreviations**

**CCCED** Ceterum censeo Carthaginem esse delendam

SQL Structured Query Language
EBNEV Extra Bavariam Non Est Vita
ESEVNEI Et Si Est Vita Non Est Ita

1

## Introduction

## 1.1 Motivation

Motivate your work here.

### 1.2 Related Work

Previously, this and that has been done and so on.

#### 1.3 Overview

We will first give background information bla bla bla.

## **Sample Chapter**

In this chapter we present the main part of the bla bla.

## 2.1 Formula Use Example

Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Extra Bavariam Non Est Vita (EBNEV), Et Si Est Vita Non Est Ita (ESEVNEI). Ceterum censeo Carthaginem esse delendam (CCCED). Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat Structured Query Language (SQL).

To calculate the mean of n values  $\mathbf{x} = [x_1, x_2, ..., x_n]$ , we use

$$\bar{x} = \frac{1}{n} \sum_{i=1}^{n} x_i \tag{2.1}$$

#### 2.1.1 Sample Subsection with References

An equation in inline style looks like this  $p(w_i)$ .

Here we give examples how to create references:

• a chapter reference: Chapter 2

• a section reference: Section 2.2

• an equation reference: (2.1)

• a figure reference: Figure 2.1

• a table reference: Table A.1 in Appendix A

• a citation if BibTex is used: [2]

• mutiple citations: [3], [1]

#### 2.2 Sample Section with Figures

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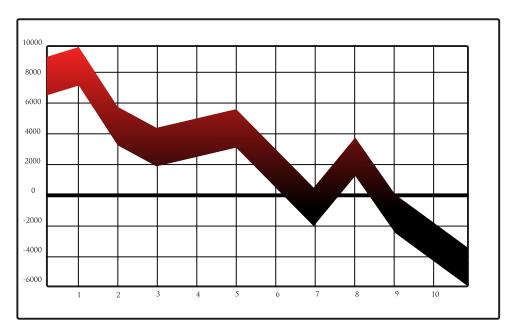


Figure 2.1: Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Duis autem vel eum iriure dolor in hendrerit in vulputate velit esse molestie consequat, vel illum dolore eu feugiat nulla facilisis at vero et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait nulla facilisi. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod.

#### 2.2.1 Subfigure Use Example

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Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

(a) Caption 1



Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

(c) Caption 3



Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

(b) Caption 2



Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

(d) Caption 4

**Figure 2.2:** Long caption. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat. Figure subreference inside a caption: (d).

Subfigure reference: Figure 2.2(b).

#### 2.2.2 Further Table and Figure Examples

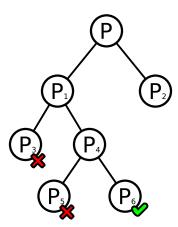
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| Number | Something | Something Else                      |
|--------|-----------|-------------------------------------|
| 1      | Blup      | 1 2 3 4 5 6 7                       |
| 2      | Blup      | 1   2   3   4   5   6   <i>blip</i> |
| 3      | Blup      | 1 2 3 4 5 6 7                       |
| 4      | Blup      | 1 2 3 4 5 6                         |
| 5      | Blup      | that's it                           |

**Table 2.1:** Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper suscipit lobortis nisl ut aliquip ex ea commodo consequat.

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| Table | -0.20  | 4.5E-2 |
| Table | 0.07   | 6.6E-2 |
| Table | 0.06   | 2.0E-1 |
| Table | 0.20   | 1.8E-5 |
| Table | 0.38   | 1.3E-4 |
| Table | 0.32   | 9.5E-5 |
| Table | 0.49   | 6.9E-8 |



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## **Results and Discussion**

In this chapter we summarize the results of this work.

### 3.1 First Section

First section bla bla bla.

## **Conclusion and Future Work**

## 4.1 Conclusion

In this thesis we presented bla bla bla.

### 4.2 Future Work

In this thesis we presented several methods and analysis which can be further extended. Bla bla bla.



# **Appendix**

## A.1 Long Table

A sample for a long table continuing over several pages.

| Table A 1 | . I ama | + + a h l a | that is | 410 | h10 h10  |
|-----------|---------|-------------|---------|-----|----------|
| Table A.1 | : LOHE  | i labie     | mai is  | via | Dia Dia. |

| Index | W     | Len | ZZZ | ууу  | ууу  | ZZZ  |  |
|-------|-------|-----|-----|------|------|------|--|
| 1     | Eis   | 3   | 4   | 0.42 | 1.83 | 0.19 |  |
| 2     | Mai   | 3   | 5   | 0.49 | 1.92 | 0.19 |  |
| 3     | Art   | 3   | 5   | 0.27 | 1.67 | 0.14 |  |
| 4     | Uhr   | 3   | 5   | 0.57 | 1.87 | 0.36 |  |
| 5     | Rat   | 3   | 5   | 0.36 | 1.71 | 0.14 |  |
| 6     | weit  | 4   | 6   | 0.21 | 1.65 | 0.25 |  |
| 7     | eins  | 4   | 6   | 0.38 | 1.79 | 0.26 |  |
| 8     | Wort  | 4   | 6   | 0.30 | 1.62 | 0.20 |  |
| 9     | Wolf  | 4   | 6   | 0.18 | 1.54 | 0.19 |  |
| 10    | Wald  | 4   | 6   | 0.31 | 1.63 | 0.19 |  |
| 11    | Amt   | 3   | 6   | 0.30 | 1.67 | 0.14 |  |
| 12    | Wahl  | 4   | 7   | 0.36 | 1.77 | 0.42 |  |
| 13    | Volk  | 4   | 7   | 0.45 | 1.81 | 0.20 |  |
| 14    | Ziel  | 4   | 7   | 0.48 | 1.78 | 0.42 |  |
| 15    | vier  | 4   | 7   | 0.38 | 1.81 | 0.42 |  |
| 16    | Kreis | 5   | 7   | 0.26 | 1.62 | 0.33 |  |
|       |       |     |     |      |      |      |  |

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**Table A.1:** (Continued)

|       | 140.    |     | (   | umuea |      |      |
|-------|---------|-----|-----|-------|------|------|
| Index | W       | Len | ZZZ | ууу   | ууу  | ZZZ  |
| 17    | Preis   | 5   | 7   | 0.28  | 1.51 | 0.33 |
| 18    | Re-de   | 4   | 7   | 0.22  | 1.56 | 0.33 |
| 19    | Saal    | 4   | 7   | 0.75  | 2.10 | 0.43 |
| 20    | voll    | 4   | 7   | 0.48  | 1.82 | 0.24 |
| 21    | weiss   | 5   | 7   | 0.21  | 1.59 | 0.36 |
| 23    | bald    | 4   | 7   | 0.18  | 1.56 | 0.19 |
| 24    | hier    | 4   | 7   | 0.40  | 1.70 | 0.43 |
| 25    | neun    | 4   | 7   | 0.17  | 1.52 | 0.26 |
| 26    | sehr    | 4   | 7   | 0.36  | 1.85 | 0.43 |
| 27    | Jahr    | 4   | 7   | 0.50  | 1.82 | 0.43 |
| 28    | Gold    | 4   | 7   | 0.04  | 1.35 | 0.20 |
| 30    | Tei-le  | 5   | 8   | 0.30  | 1.71 | 0.46 |
| 31    | Na-tur  | 5   | 8   | 0.18  | 1.59 | 0.41 |
| 32    | Feu-er  | 5   | 8   | 0.30  | 1.71 | 0.45 |
| 33    | Rol-le  | 5   | 8   | 0.15  | 1.46 | 0.45 |
| 34    | Rock    | 4   | 8   | 0.29  | 1.68 | 0.25 |
| 35    | Spass   | 5   | 8   | 0.28  | 1.64 | 0.32 |
| 37    | En-de   | 4   | 8   | 0.36  | 1.72 | 0.33 |
| 38    | Kunst   | 5   | 8   | 0.26  | 1.59 | 0.35 |
| 39    | Li-nie  | 5   | 8   | 0.45  | 1.88 | 0.63 |
| 42    | Bahn    | 4   | 9   | 0.21  | 1.62 | 0.42 |
| 44    | Druck   | 5   | 9   | 0.60  | 2.03 | 0.31 |
| 45    | zehn    | 4   | 9   | 0.41  | 1.84 | 0.42 |
| 46    | Va-ter  | 5   | 9   | 0.36  | 1.78 | 0.40 |
| 47    | Angst   | 5   | 9   | 0.29  | 1.56 | 0.35 |
| 48    | lei-der | 6   | 9   | 0.13  | 1.47 | 0.52 |
| 50    | le-ben  | 5   | 9   | 0.38  | 1.85 | 0.40 |
| 51    | aus-ser | 6   | 9   | 1.20  | 2.26 | 0.57 |
| 52    | be-vor  | 5   | 9   | 1.28  | 2.75 | 0.39 |
| 53    | Kai-ser | 6   | 9   | 0.92  | 2.37 | 0.53 |
| 54    | Markt   | 5   | 9   | 0.23  | 1.58 | 0.28 |
| 55    | Os-ten  | 5   | 9   | 0.21  | 1.54 | 0.48 |
| 56    | Krieg   | 5   | 9   | 0.33  | 1.67 | 0.50 |
| 57    | Mann    | 4   | 9   | 0.31  | 1.47 | 0.25 |
| 58    | Hal-le  | 5   | 9   | 0.24  | 1.65 | 0.45 |
| 59    | heu-te  | 5   | 9   | 0.44  | 1.87 | 0.46 |
| 60    | in-nen  | 5   | 10  | 0.36  | 1.80 | 0.45 |
| 61    | Na-men  | 5   | 10  | 0.28  | 1.72 | 0.41 |
| 62    | jetzt   | 5   | 10  | 0.70  | 2.07 | 0.32 |
| 63    | kei-ner | 6   | 10  | 0.28  | 1.62 | 0.53 |

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**Table A.1:** (Continued)

| Index | W       | Len | ZZZ | ууу  | ууу  | zzz  |
|-------|---------|-----|-----|------|------|------|
| 64    | Schu-le | 6   | 10  | 1.02 | 2.12 | 0.48 |
| 65    | Ar-beit | 6   | 10  | 0.34 | 1.70 | 0.52 |
| 66    | An-teil | 6   | 10  | 0.27 | 1.63 | 0.53 |
| 67    | di-rekt | 6   | 10  | 0.67 | 2.04 | 0.47 |
| 68    | vor-her | 6   | 10  | 0.78 | 2.25 | 0.47 |

# **List of Figures**

| 2.1 | Some other short caption | 4 |
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# **List of Tables**

| 2.1 | Short caption      |   |
|-----|--------------------|---|
| 2.2 | Some short caption | ( |
| Δ 1 | I ong Table        |   |

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