# The Thesis Title

**Author Name** 



## The Thesis Title

Dissertation zur Erlangung des akademischen Grades

Doctor rerum naturalium

der Mathematisch-Naturwissenschaftlichen Fakultät der Christian-Albrechts-Universität zu Kiel

> vorgelegt von Author Name

Kiel, XX.XX.20XX

Erster Gutachter: Prof. XX
Zweite Gutachterin: Prof. XX
Tag der Disputation: XX.XX.20XX
Zum Druck genehmigt: XX.XX.20XX

# **Contents**

	Summary	3
0	Introduction 0.1 First Section	<b>4</b> 4 5
1	This is the very very, oh sooo very long title of Chapter 1 — it even needs line breaks	6
	First Author, Second Author, Third Author, Fourth Author  1.1 Introduction	6
2	Short title of Chapter 2  First Author, Second Author, Third Author,	8
	2.1 Introduction	8 9 9
3		11 11
Δn	ppendix	12
	List of Supplementary Figures	12 12 12 13 14
		<ul><li>15</li><li>16</li></ul>

#### **Summary**

#### Here lives the summary of the thesis ( $\sim 1-2$ pages)

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

## Zusammenfassung

#### Here lives the German version of the summary (also $\sim 1-2$ pages)

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

## -0-

## Introduction

"This includes examples of quotes, the inclusion and reference to a Figure, a (chapter-specific) citation and a summary box."

(?)

#### 0.1. First Section

**Inline Quotes:** By the way, we can also quote *in line* using the environment \displayquote:

I look at the term species, as one arbitrarily given for the sake of convenience to a set of individuals closely resembling each other [...]. (?)

Adding Figures: Figures are added to the text using the figure\* environment in combination with the \includegraphics command (s. example in source code). You can also use the \label command to add a tag to the figure which you can use to refernce the figure in your text. Note that figures will show up somewhere after the paragraph that follows the figure\* environment. If you need to force the appearance on a specific page you can use the command \FloatBarrier.

Here is some demonstration how to reference a Figure (using the label from the figure command) — just look at these birds (Figure 0.1). The reference is done using the command \figref{}.

**Landscape Figures:** For figures in *landscape mode*, use the landscape environment. I usu-

ally do this in the following manner:

```
\begin{landscape}
\begin{figure}[!ht]
  \centering
  \includegraphics{path/figure}
  \caption[LOF-title]{
    \label{fig:lab}
    \textbf{Caption Title.}
    Caption ...
  }
\end{figure}
\end{landscape}
```

Also, note the difference between normal mode (figure\*) and landscape mode (figure): All Float-environments (figure, supplFigure, table and supplTable) that you want to place within a multicols text, need to have an appended asterisk.

To embed a landscape figure within the text, the overall approach is:

```
text from previous paragraph.

\startsquarepar

Start of a new paragraph and this long
```

```
sentence of running text is not
\stopsquarepar
\end{multicols}

\begin{landscape}
...
\end{landscape}
\begin{multicols}{2}
finished yet, but wraps around ...
```

Unfortunately, breaking the text around landscape figures needs to be done manually — finding the best break is usually done last because any change in the text afterwards might result in awkward half-empty pages. Also, note the \startsquarepar and \stopsquarepar, which wrap part of the broken paragraph that is preceding the landscape figure. These commands are used to cause the text-justification to behave as if the the text was not broken (keeping eg. the blockjustification intact).

## 0.2. Second (Dummy) Section

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut,

placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

#### Summary

- Quotes can either come as opening or inline quotes.
- The reference to figures happens via the command \figref{}.
- Summary boxes can be added using the tcolorbox environment.

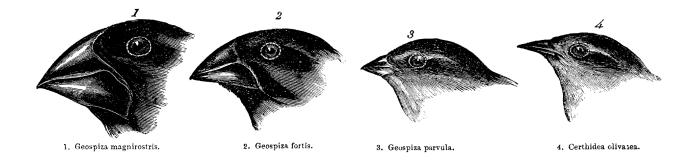


Figure 0.1: Darwins Finches. These are such famous birds.

# This is the very very, oh sooo very long title of Chapter1 — it even needs line breaks

First Author <sup>1</sup>, Second Author <sup>2</sup>, Third Author <sup>3</sup>, Fourth Author <sup>1</sup>

- 1 First Research Institute
- 2 Second Research Institute
- 3 Third Research Institute

This study was originally published in *Name of the Journal*. Figures were re-drawn for this thesis but no additional changes were made. The re-print within this thesis is in agreement with *Name of the Publisher* under license number *XX*.

#### **Abstract**

This includes a demo of a Supplementary Figure, the *narrow mode* which works for Figures and Supplementary Figure and use a chapter-specific citation.

Keywords: Key1, Key2, Key3.

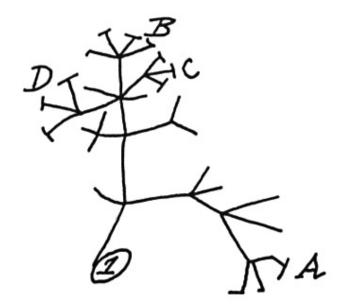
#### 1.1. Introduction

Here again, we showcase some old stuff that needs a (chapter-specific) citation (?). Also, note the slight variation in referencing Supplementary Figures (Suppl. Fig. 1.1) using \figrefS{} (vs. \figref{}). Then again, it is time for dummy text:

## 1.2. Another Dummy Section

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermen-



Suppl. Figure 1.1: Darwins tree. He thought

tum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellen-

tesque felis eu massa.

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

## **-2-**

# **Short title of Chapter 2**



## First Author <sup>1</sup>, Second Author <sup>2</sup>, Third Author <sup>3</sup>,

- 1 First Research Institute
- 2 Second Research Institute
- 3 Third Research Institute

This study was originally published in *Name of the Journal*. Figures were re-drawn for this thesis but no additional changes were made. The re-print within this thesis is in agreement with *Name of the Publisher* as the original publication is under Creative Commons CC BY license.

#### **Abstract**

Here, we talk about different citation styles and look at tabels.

Keywords: Key1, key2, key3.

#### 2.1. Introduction

So, as far as citations go, I use a modular command system: This is based on the ba-

**Petal** Sepal **Species** Avg. Width Avg. Length Avg. Length Avg. Width I. setosa 5.01 3.428 1.46 0.246 5.94 I. versicolor 2.77 4.26 1.33 I. irginica 6.59 2.974 5.55 2.03

**Table 2.1:** A small summary of Edgar Anderson's Iris Data as implemented in R.

and \citealt) and two single-letter suffixes (i/a/b/c/d/z and t/m). The first letter indicates the current section (Intro: i, Chapter 1:a, 2:b, Synthesis:z), while the last letter indicates whether this is the self-citation from the Chapter title page (t) or a citation within the manuscript (m). Form these pieces, the actual commands can be puzzled together, with the actual commands looking something like \citepcm{}.

So, you might remember that in the first Chapter (?), we cited ? a lot. Now in this chapter we are going to look at the data from ?. We are going to show a summary of this data in a main table (Table 2.1), while a glimpse of the actual data structure is given in a Supplemental Table (Suppl. Tab. 2.1). The referencing of the tables happens using the commands \tabref{} and \tabrefS{}.

## 2.2. Even More Dummy Content

Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque,

sic MT-X- citation commands (\cite, \citep rus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus.

> Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Donec odio elit, dictum in, hendrerit sit amet, egestas sed, leo. Praesent feugiat sapien aliquet odio. Integer vitae justo. Aliquam vestibulum fringilla lorem. neque lectus, consectetuer at, consectetuer sed, eleifend ac, lectus. Nulla facilisi. Pellentesque eget lectus. Proin eu metus. Sed porttitor. In hac habitasse platea dictumst. Suspendisse eu lectus. Ut mi mi, lacinia sit amet, placerat et, mollis vitae, dui. Sed ante tellus, tristique ut, iaculis eu, malesuada ac, dui. Mauris nibh leo, facilisis non, adipiscing quis, ultrices a, dui.

## 2.3. I Can Not Take the Dummies Anymore

Suspendisse vitae elit. Aliquam arcu neque, ornare in, ullamcorper quis, commodo eu, libero. Fusce sagittis erat at erat tristique mollis. Maecenas sapien libero, molestie et, lobortis in, sodales eget, dui. Morbi ultrices rutrum lorem. Nam elementum ullamcorper erat ac sagittis semper, nunc dui lobortis pu- leo. Morbi dui. Aliquam sagittis. Nunc placMorbi eros pede, suscipit ac, varius vel, eges- malesuada erat sit amet massa. Fusce blanpretium elementum, eros sem dictum tortor, Aenean vel lectus. Nunc imperdiet justo nec vel consectetuer odio sem sed wisi.

Sed feugiat. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut pellentesque augue sed urna. Vestibulum diam eros, fringilla et, con-

erat. Pellentesque tristique sodales est. Mae- sectetuer eu, nonummy id, sapien. Nullam at cenas imperdiet lacinia velit. Cras non urna. lectus. In sagittis ultrices mauris. Curabitur tas non, eros. Praesent malesuada, diam id dit. Aliquam erat volutpat. Aliquam euismod. dolor.

## Acknowledgments

We thank all the nice people.

**Suppl. Table 2.1:** A subset of Edgar Anderson's Iris Data as implemented in R.

Species	Sepal Length	Sepal Width	Petal Length	Petal Width
I. setosa	5.4	3.4	1.7	0.2
I. setosa	5.4	3.7	1.5	0.2
I. setosa	5.7	3.8	1.7	0.3
I. setosa	5.1	3.5	1.4	0.2
I. setosa	4.8	3	1.4	0.3
I. setosa	5.1	3.3	1.7	0.5
I. versicolor	5.8	2.6	4.0	1.2
I. versicolor	5.8	2.7	3.9	1.2
I. versicolor	5.5	2.3	4.0	1.3
I. versicolor	6.0	2.7	5.1	1.6
I. versicolor	5.6	3.0	4.5	1.5
I. versicolor	6.3	3.3	4.7	1.6
I. virginica	6.9	3.2	5.7	2.3
I. virginica	7.2	3.2	6.0	1.8
I. virginica	6.5	3.0	5.5	1.8
I. virginica	5.8	2.7	5.1	1.9
I. virginica	6.3	3.4	5.6	2.4
I. virginica	7.7	2.6	6.9	2.3

# **Synthesis**

## 3.1. Synthesis

#### **Final Section**

#### We always need to cite?.

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetuer id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non

justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

# **Appendix**

List of	Figures	
0.1	Darwins Finches	5
List of	Supplementary Figures	
1.1	Darwins tree	7
List of	Tables	
2.1	Summary of Anderson's Iris Data	9
List of	Supplementary Tables	
2.1	Subset of Anderson's Iris Data	C

## **Declaration of Author Contributions**

Chapter 1:

Chapter 2:

#### **Curriculum Vitae**

Name:Author NameNationality:XXBirthday:XX.XX.19XXOrcid-idXX

**Place of birth:** XX

### **Education in Science**

since 20XX/XX/XX Doctoral candidate at the XX Lab

XX Institute

20XX/XX/XX - 20XX/XX/XX Master student (M.Sc. XX)

XX University

20XX/XX/XX - 20XX/XX/XX Bachelor student (B.Sc. XX)

XX University

## Practical Experience in Science/ Teaching

**20XX/ XX-XX** Teaching assistant at XX

Location, County. XX University

20XX/ XX-XX Field Trip

Location, County. XX University

## Acknowledgments

I would like to thank ...

Eic	lesstat	tliche	Erk	lärung
-----	---------	--------	-----	--------

Hiermit bestätige ich, Author Name, dass die folgende Dissertation

The Thesis Title

von mir, unter Beratung meines Betreuers, selbstständig verfasst wurde, nach Inhalt und Form meine eigene Arbeit ist und keine weiteren Quellen und Hilfsmittel als die angegebenen verwendet wurden.

Die vorliegende Arbeit ist unter Einhaltung der Regeln guter wissenschaftlicher Praxis der Deutschen Forschungsgemeinschaft entstanden und wurde nicht im Rahmen eines Prüfungsverfahrens an anderer Stelle vorgelegt. Veröffentlichte oder zur Veröffentlichung eingereichte Manuskripte wurden kenntlich gemacht. Mir wurde kein akadamischer Grad entzogen.

XX, XX.XX.20XX				
,				Author Name

