

Title $a^2 + b^2 = c^2$

subtitle $S = \pi r^2$ (optional)

first name LAST NAME

Supervisor: Prof. A. Xyz
Affiliation (optional)

Cosupervisor: (optional)
Affiliation (optional)

Tutor: (optional)
Affiliation (optional)

Master thesis submitted in fulfillment
of the requirements for the degree in
Master of Science in Xxx

Academic year 20XX-20XX

© Copyright by KU Leuven

Without written permission of the promoters and the authors it is forbidden to reproduce or adapt in any form or by any means any part of this publication. Requests for obtaining the right to reproduce or utilize parts of this publication should be addressed to KU Leuven, Faculteit Wetenschappen, Geel Huis, Kasteelpark Arenberg 11 bus 2100, 3001 Leuven (Heverlee), Telephone +32 16 32 14 01. A written permission of the promoter is also required to use the methods, products, schematics and programs described in this work for industrial or commercial use, and for submitting this publication in scientific contests.

Voorwoord/preface

Can be either in english or in dutch. Adapt the title accordingly

Samenvatting (optional)

Summary in dutch. Remove this chapter if not used

Summary

summary in english

Glossary

α a random greek letter.

π ratio of circumference of circle to its diameter.

Acronyms

LSS landslide susceptibility.

List of Figures

2.1 A landslide.	3
--------------------------	---

List of Tables

2.1 A random table.	4
-----------------------------	---

Contents

Voorwoord/preface	i
Samenvatting	iii
Summary	v
Glossary	vii
Acronyms	ix
List of Figures	xi
List of Tables	xiii
Contents	xv
1 Introduction	1
2 Methods	3
2.1 Figures	3
2.2 Tables	4
2.3 Equations	5
3 Results	7
3.1 res 1	7
3.2 res 2	7
4 Conclusions	9
Bibliography	11
Appendices	13
A First appendix	15
B Second appendix	17

Chapter 1

Introduction

introduction (Oth et al., 2017) I would like to add Arthur reference 2018 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur 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.

Chapter 2

Methods

2.1 Figures

An example is Figure 2.1



Figure 2.1: A landslide.

2.2 Tables

An example is Table 2.1

Model	Accuracy
regression	90%
random forests	95%

Table 2.1: A random table.

2.3 Equations

Equations can be inserted in the text itself, working in the *mathmode*(put text between $\$$ -signs, for example $Y_i = \frac{1}{x}$). Or put them in the text as a numbered floating element (e.g. Equation (2.1)).

$$y = \frac{1}{x} \tag{2.1}$$

$$y = \int_a^b x^2 dx \tag{2.2}$$

$$y = \sum_{i=1}^n x_i^2 \tag{2.3}$$

You can align the equations:

$$y = \frac{1}{x} \tag{2.4}$$

$$y = \int_a^b x^2 dx \tag{2.5}$$

$$y = \sum_{i=1}^n x_i^2 \tag{2.6}$$

Chapter 3

Results

3.1 res 1

Example of a citation (Vapnik, 1995; Broeckx et al., 2018). Or a citation you can not see. Reichenbach et al. (2018) illustrate a third way of referencing.

subres 1

I show π as a glossary element here. α

subres 2

First time, acronyms are written fully, like landslide susceptibility (LSS), second time they are abbreviated like this: LSS

3.2 res 2

subres 3

subres 4

Chapter 4

Conclusions

Bibliography

- Broeckx, J., Vanmarcke, M., Duchateau, R., and Poesen, J. (2018). A data-based landslide susceptibility map of Africa. *Earth-Science Reviews*, 185:102–121.
- Oth, A., Barrière, J., d'Oreye, N., Mavonga, G., Subira, J., Mashagiro, N., Kadufu, B., Fiama, S., Celli, G., Bigirande, J. d. D., Ntenge, A. J., Habonimana, L., Bakundukize, C., and Kervyn, F. (2017). KivuSNet: The First Dense Broadband Seismic Network for the Kivu Rift Region (Western Branch of East African Rift). *Seismological Research Letters*, 88(1):49–60.
- Reichenbach, P., Rossi, M., Malamud, B. D., Mihir, M., and Guzzetti, F. (2018). A review of statistically-based landslide susceptibility models. *Earth-Science Reviews*, 180:60–91.
- Stanley, T. and Kirschbaum, D. B. (2017). A heuristic approach to global landslide susceptibility mapping. *Natural Hazards*, 87:145–164.
- Vapnik, V. N. (1995). *The Nature of Statistical Learning Theory*. Springer, New York, NY.

Appendices

Appendix A

First appendix

Appendix B

Second appendix

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur 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.

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur 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.

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu

lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consetetur.

Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at, molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Curabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio.

AFDELING
Straat nr bus 0000
3000 LEUVEN, BELGIË
tel. + 32 16 00 00 00
fax + 32 16 00 00 00
www.kuleuven.be

