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# Thesis Title

Thesis Subtitle

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Philosophische Fakultät (Historische, Philologische, Kultur- und  
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## 0.1 Forewords and Acknowledgements

## **0.2 Declaration of Independent Work**

### 0.3 Figure list

## 0.4 Abbreviations

## Abstract

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# Chapter 1

## Introduction

### 1.1 Study Area of Interest

#### 1.1.1 Research Questions

## Chapter 2

# Literature Review

### 2.1 Remote Sensing of Informal Settlements

### 2.2 Deep Learning in Remote Sensing

#### 2.2.1 Computer Vision and Convolutional Neural Networks

#### 2.2.2 Computer Vision in Building Segmentation

## Chapter 3

# Data and Methodologies

### 3.1 Data

### 3.2 Architecture selection

### 3.3 Accuracy Assessment

Detail and scrutable accuracy assessments are fundamental towards any classification based analysis. This section will introduce and break down the various lower order and higher order class-based (thematic) accuracy assessment. By explaining the characteristics of each metrics, this will provide a much more granular nature of accuracy assessment in the findings of section 4.

#### 3.3.1 Precision, Recall, Sensitivity, and Specificity

#### 3.3.2 Overall Accuracy, Dice Score, and Intersection-over-Union

### 3.4 Experimentation setup

#### 3.4.1 Project workflow

## Chapter 4

# Findings

### 4.1 Analysis

## Chapter 5

# Discussion

## Chapter 6

## Conclusion

## Chapter 7

# Bibliography

Appendix A

Appendix