

UNIVERSITY OF TWENTE

MASTER THESIS

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TRUST IN AUTOMATED DECISION MAKING

HOW USER'S TRUST AND PERCEIVED UNDERSTANDING IS  
INFLUENCED BY THE QUALITY OF AUTOMATICALLY GENERATED  
EXPLANATIONS

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## Abstract

## 1 Introduction

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## 2 Background

Intro

### 2.1 Opacity in AI

Intro

#### 2.1.1 Opacity Sources

asd

#### 2.1.2 Application Areas

asd

#### 2.1.3 Exemplary Failures

asd

#### 2.1.4 Regulations

asd

#### 2.1.5 Use Case Scenario

asd

### 2.2 Explanations

Intro

#### 2.2.1 Explanation Types

asd

#### 2.2.2 Social Sciences

asd

#### 2.2.3 Psychology

asd

### 2.3 Explanations in AI

Intro

**2.3.1 Explanation Focus**

asd

**2.3.2 Related Projects**

asd

**2.3.3 Explanations for Texts**

asd

**2.4 Trust in AI**

Intro

**2.4.1 Persuasiveness**

asd

**2.4.2 Trust**

asd

**2.5 Summary**

Summary

Hypotheses

## 3 Dataset

Intro

### 3.1 Dataset Selection

asd

### 3.2 Dataset Construction

asd

### 3.3 Dataset Preprocessing

asd

## 4 Evaluation

## 5 Discussion



## 6 Conclusion

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## References

- [1] Hiva Allahyari and Niklas Lavesson. User-oriented assessment of classification model understandability. In *11th scandinavian conference on Artificial intelligence*. IOS Press, 2011.
- [2] Leila Arras, Franziska Horn, Grégoire Montavon, Klaus-Robert Müller, and Wojciech Samek. " what is relevant in a text document?": An interpretable machine learning approach. *PloS one*, 12(8):e0181142, 2017.