

Bachelor Project



**Czech
Technical
University
in Prague**

F3

**Faculty of Electrical Engineering
Department of Computer Science**

Bias Detection in Czech News

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Supervisor: Ing. Jan Drchal, Ph.D

Field of study: Open Informatics

Subfield: Artificial Intelligence and Computer Science

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Acknowledgements

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Declaration

I declare that this work is all my own work and I have cited all sources I have used in the bibliography.

Prague, February 10, 2022

Prohlašuji, že jsem předloženou práci vypracoval samostatně, a že jsem uvedl veškerou použitou literaturu.

V Praze, 10. února 2022

Abstract

This manual shows how to use the ctuthesis L^AT_EX class, what are the requirements, etc.

Keywords: bias detection, transformers, text classification

Supervisor: Ing. Jan Drchal, Ph.D

Abstrakt

Tento manuál představuje L^AT_EXovou třídu ctuthesis, její použití, požadavky na systém atd.

Klíčová slova: bias detekce, transformers, text classification

Contents

| | |
|----------------------------|----------|
| 1 Introduction | 1 |
| 1.1 About | 1 |
| Part I | |
| Data | |
| 2 Dataset creations | 3 |
| 2.1 Current datasets | 3 |
| 2.2 NPOV datasets | 3 |
| Part II | |
| models | |
| 3 Models | 5 |
| 3.1 Current models | 5 |
| 3.2 Czech | 5 |
| Bibliography | 6 |

Figures

Tables





Chapter 1

Introduction

This is introduction to my thesis.



1.1 About

About thesis.



Part I

Data



Chapter 2

Dataset creations

This is creation of datasets.



2.1 Current datasets

BABE




2.2 NPOV datasets

Wiki



Part II

models



Chapter 3

Models

This is creation of models.



3.1 Current models

RoBERTa



3.2 Czech

RobeCzech [TVC⁺19]



Bibliography

- [TVC⁺19] James Thorne, Andreas Vlachos, Oana Cocarascu, Christos Christodoulopoulos, and Arpit Mittal, *The fever2. 0 shared task*, Proceedings of the Second Workshop on Fact Extraction and VERification (FEVER), 2019, pp. 1–6.