



UNIVERSITÄT
BAYREUTH

– P&E Master's Programme –
Chair of Philosophy, Computer
Science & Artificial Intelligence

Automating the Modelling of Transformative Artificial Intelligence Risks

*“An Epistemic Framework for Leveraging Frontier AI Systems to Upscale Conditional
Policy Assessments in Bayesian Networks on a Narrow Path towards Existential Safety”*

A thesis submitted at the Department of Philosophy
for the degree of *Master of Arts in Philosophy & Economics*

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Chapter 1

Chapter 2

Frontmatter

Chapter 3

Prefatory Apparatus: Illustrations and Terminology — Quick References

3.1 List of Tables

Table 1: Table name

Table 2: Table name

Table 3: Table name

3.2 List of Graphics & Figures

3.3 List of Abbreviations

esp. especially

f., ff. following

incl. including

p., pp. page(s)

MAD Mutually Assured Destruction

3.4 Glossary

Source: Frontmatter

Chapter 4

Chapter 5

Introduction

10% of Grade:

- introduces and motivates the core question or problem
- provides context for discussion (places issue within a larger debate or sphere of relevance)
- states precise thesis or position the author will argue for
- provides roadmap indicating structure and key content points of the essay

~ 14% of text ~ 4200 words

- introduces and motivates the core question or problem

5.1 Motivation: Problem Statement

5.2 Motivation: Research Question

- provides context for discussion (places issue within a larger debate or sphere of relevance)

5.3 Scope: Aim & Context of the Research

5.4 Significance of the Research: Theory of Change

- states precise thesis or position the author will argue for

5.5 Thesis Statement & Position: (Aim of the Paper)

- provides roadmap indicating structure and key content points of the essay

5.6 Overview: Structure & Approach of the Paper (Roadmap — Theory of Change)

5.7 Table of Contents

Source: Introduction

Chapter 6

Chapter 7

Context

20% of Grade:

- demonstrates understanding of all relevant core concepts
- explains why the question/thesis/problem is relevant in student's own words (supported by quotations)
- situates it within the debate/course material
- reconstructs selected arguments and identifies relevant assumptions
- describes additional relevant material that has been consulted and integrates it with the course material as well as the research question/thesis/problem

~ 29% of text ~ 8700 words

1. successively (chunk my chunk) introduce concepts/ideas — and 2. ground each with existing literature

Source: Context

Chapter 8

Chapter 9

AMTAIR

20% of Grade:

- provides critical or constructive evaluation of positions introduced
- develops strong (plausible) argument in support of author's own position/thesis
- argument draws on relevant course material
- claim/argument demonstrates understanding of the course materials incl. key arguments and core concepts within the debate
- claim/argument is original or insightful, possibly even presents an original contribution to the debate

~ 29% of text ~ 8700 words

Source: AMTAIR

Chapter 10

Chapter 11

Discussion

10% of Grade:

- discusses a specific objection to student's own argument
- provides a convincing reply that bolsters or refines the main argument
- relates to or extends beyond materials/arguments covered in class

~ 14% of text ~ 4200 words

Source: Discussion

Chapter 12

Chapter 13

Conclusion

10% of Grade:

- summarizes thesis and line of argument
- outlines possible implications
- notes outstanding issues / limitations of discussion
- points to avenues for further research
- overall conclusion is in line with introduction

~ 14% of text ~ 4200 words

Source: Conclusion

Bibliography/References

Chapter 14

Chapter 15

Appendices

Chapter 16

Appendix A

Chapter 17

Appendix B

Chapter 18

Appendix C

Chapter 19

Appendix D

TestText

Chapter 20

Affidavit

Source: Appendices

Chapter 21

Notebooks