



Diploma Thesis Evaluation Form

Author: Bc. Andrea Tunysová

Title: Predicting and Preventing Terrorism with Artificial Intelligence and Machine Learning: Implications for Security in Israel

Programme/year: BS, 21/22

Author of Evaluation (supervisor/~~external assessor~~): Petr Spelda

Criteria	Definition	Maximum	Points
Major Criteria			
	Research question, definition of objectives	10	10
	Theoretical/conceptual framework	30	30
	Methodology, analysis, argument	40	34
<i>Total</i>		80	74
Minor Criteria			
	Sources	10	10
	Style	5	5
	Formal requirements	5	5
<i>Total</i>		20	20
TOTAL		100	94



Evaluation

Major criteria:

The dissertation critically examines how Machine Learning (ML) is used in counterterrorism and makes a connection to similar uses of ML in predictive policing. The issue is empirically demonstrated on the case of Israel and its counterterrorism policies. Conceptually, the dissertation relies on the works that analyze risks of ML in predictive policing. Their review is comprehensive and insightful and serves exceptionally well in anchoring the conceptual design of the dissertation.

The resulting translation of ML-induced risks in predictive policing to the counterterrorism case is robust and convincing, answering the research questions in full. It has to be emphasized that conceptually as well as methodologically the analysis was not in any way easy to perform and that the author managed to successfully avoid any incoherencies in its results, following from the challenging sociotechnical nature of the analyzed problem.

Minor criteria:

The dissertation satisfies all minor criteria.

Based on the anti-plagiarism software checks, it is formally confirmed that the submitted thesis is original and, to the best of my knowledge and belief, does not, in an ethically unacceptable manner, draw from the works of other authors.

Overall evaluation:

The dissertation offers a robust and well-research perspective on an under-researched issues and succeeds in offering insightful and correct conclusions.



**FACULTY
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Charles University

Suggested grade: A (94)

Signature