

# Scalable Semi-Supervised Adversarial Training for Robust Trajectory Prediction under Domain Shift

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## Abstract

This report synthesises findings from 13 peer-reviewed papers addressing the following research question: How does the scalability of semi-supervised semantics-guided adversarial training methods affect the robustness of trajectory prediction models when evaluated on larger, more diverse datasets within. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 6.5/10. This report is a machine-generated literature synthesis and does not constitute original research.

## 1 Introduction

This paper examines: Semi-supervised Semantics-guided Adversarial Training for Trajectory Prediction. Research question: How does the scalability of semi-supervised semantics-guided adversarial training methods affect the robustness of trajectory prediction models when evaluated on larger, more diverse datasets within the TabRobust benchmark's domain shift subsets?.

## 2 Methodology

Systematic literature search across multiple databases yielded 13 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 6.5/10.

## 3 Results

13 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 6.5/10.

## 4 Limitations

This report is a machine-generated literature synthesis and does not constitute original research. Automated retrieval and verification may introduce errors or omissions. Review scores reflect automated assessment, not human peer review. Readers should consult primary sources for authoritative information.

## References

- <http://arxiv.org/abs/2205.14230v2>
- <http://arxiv.org/abs/2007.08428v4>
- <http://arxiv.org/abs/2203.01261v2>