Adversarial Robustness of DKD-Distilled Datasets in Code Generation Benchmarks

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Abstract

This report synthesises findings from 7 peer-reviewed papers addressing the following research question: How does the adversarial robustness of datasets distilled via DKD compare to standard knowledge distillation methods when evaluated on HumanEval and MBPP code generation benchmarks. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.8/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: HumanEval Pro and MBPP Pro: Evaluating Large Language Models on Self-invoking Code Generation. Research question: How does the adversarial robustness of datasets distilled via DKD compare to standard knowledge distillation methods when evaluated on HumanEval and MBPP code generation benchmarks?.

2 Methodology

Systematic literature search across multiple databases yielded 7 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.8/10.

3 Results

7 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.8/10.

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/2403.13322v3
- http://arxiv.org/abs/2602.13567v1
- http://arxiv.org/abs/2412.21199v2