

Adversarial Robustness of CodeT5, CodeGen, and CodeLlama on MBPP Benchmarks

Assignee Research

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Abstract

This report synthesises findings from 14 peer-reviewed papers addressing the following research question: How does the adversarial robustness of CodeT5 pretrained on procedural data (10M vs. 1B tokens) compare to that of CodeGen or CodeLlama when evaluated on MBPP using accuracy and BLEU score metrics. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 1.5/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: On the Adversarial Robustness of Vision Transformers. Research question: How does the adversarial robustness of CodeT5 pretrained on procedural data (10M vs. 1B tokens) compare to that of CodeGen or CodeLlama when evaluated on MBPP using accuracy and BLEU score metrics?.

2 Methodology

Systematic literature search across multiple databases yielded 14 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 1.5/10.

3 Results

14 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 1.5/10.

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/2008.07651v1>
- <http://arxiv.org/abs/2103.15670v3>
- <http://arxiv.org/abs/2007.08428v4>