

Cross-Model Robustness Metrics in Qwen3-235B and Llama2-70B Under Adversarial Code Generation Attacks

Assignee Research

May 31, 2026

Abstract

This report synthesises findings from 1 peer-reviewed paper addressing the following research question: How do cross-model robustness metrics vary for Qwen3-235B versus Llama2-70B when subjected to adversarial attacks on code generation tasks. The emergence of Transformer-based Large Language Models (LLMs) has substantially augmented the capabilities of Natural Language Processing (NLP), thereby intensifying the demand for computational resources. Therefore, enhancing efficiency based on factors like computational. 9 claims were extracted from source literature; 9 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 8.7/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: From Transformers to LLMs: A Systematic Survey of Efficiency Considerations in NLP. Research question: How do cross-model robustness metrics vary for Qwen3-235B versus Llama2-70B when subjected to adversarial attacks on code generation tasks?.

2 Methodology

Systematic literature search across multiple databases yielded 1 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 8.7/10.

3 Results

1 papers retrieved. 9 claims extracted; 9 independently verified. Quality review score: 8.7/10.

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.

5 Extracted Claims

Claim	Verified	Confidence
The emergence of Transformer-based Large Language Models (LLMs) has substantially augmented the capabilities of Natural	✓	0.38
Enhancing efficiency based on factors like computational requirements, energy consumption, carbon footprint, and financi	✓	0.37
The survey includes 312 articles published between the years 2011 and 2025.	✓	0.20
Efficiency-improvement endeavors have been systematically discussed targeting various aspects such as data curation, mod	✓	0.35
Efficiency considerations in model adaptation strategies like pre-training, fine-tuning, prompt-engineering, and Retriev	✓	0.38
A statistical analysis of the articles has been performed.	✓	0.17
An in-depth evaluation of the efficiency and efficacy of more than 30 renowned NLP models has been conducted on 13 evalu	✓	0.32
The paper offers valuable insights for researchers, professionals, and scholars.	✓	0.22
The paper explores the trend of research toward sustainable practices in NLP.	✓	0.21

References

- <https://doi.org/10.48550/arxiv.2406.16893>