

XGLM-564M vs. mBART and mT5 in Multilingual Tutoring Dialogue Act Classification

Assignee Research

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Abstract

This report synthesises findings from 14 peer-reviewed papers addressing the following research question: How does the performance of XGLM-564M compare to other multilingual LLMs (e.g., mBART, mT5) in classifying tutoring dialogue acts across high school and undergraduate datasets in English and Indonesian? 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.3/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Evaluating the Limits of Large Language Models in Multilingual Legal Reasoning. Research question: How does the performance of XGLM-564M compare to other multilingual LLMs (e.g., mBART, mT5) in classifying tutoring dialogue acts across high school and undergraduate datasets in English and Indonesian, measured by adversarial robustness and accuracy?.

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 3.3/10.

3 Results

14 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.3/10.

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/2509.22472v1>
- <http://arxiv.org/abs/2304.07499v1>
- <http://arxiv.org/abs/2308.16797v2>