

XGLM Model Scaling in Zero-Shot Cross-Lingual Educational Dialogue Act Classification

Assignee Research

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Abstract

This report synthesises findings from 10 peer-reviewed papers addressing the following research question: How does the performance of XGLM models (564M vs. 1.7B) compare in zero-shot cross-lingual transfer for educational dialogue act classification on under-resourced languages like Indonesian versus high-resource languages like English? 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: Zero-shot Sentiment Analysis in Low-Resource Languages Using a Multilingual Sentiment Lexicon. Research question: How does the performance of XGLM models (564M vs. 1.7B) compare in zero-shot cross-lingual transfer for educational dialogue act classification on under-resourced languages like Indonesian versus high-resource languages like English, measured by F1-score differences?.

2 Methodology

Systematic literature search across multiple databases yielded 10 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

10 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/2402.02113v1>
- <http://arxiv.org/abs/2106.16020v1>
- <http://arxiv.org/abs/2304.07499v1>