

# Impact Of Domain-Specific Fine-Tuning (E.G., Legal Or Medical Text) On The Zero-Shot Cross-Lingual Transfer Performance

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## **Abstract**

This report synthesises findings from 12 peer-reviewed papers addressing the following research question: What is the impact of domain-specific fine-tuning (e.g., legal or medical text) on the zero-shot cross-lingual transfer performance of XGLM for Indonesian XNLI tasks compared to general-domain. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 7.2/10. This report is a machine-generated literature synthesis and does not constitute original research.

## **1 Introduction**

This paper examines: Feature Aggregation in Zero-Shot Cross-Lingual Transfer Using Multilingual BERT. Research question: What is the impact of domain-specific fine-tuning (e.g., legal or medical text) on the zero-shot cross-lingual transfer performance of XGLM for Indonesian XNLI tasks compared to general-domain fine-tuning?.

## **2 Methodology**

Systematic literature search across multiple databases yielded 12 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 7.2/10.

## **3 Results**

12 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 7.2/10.

## 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/2506.15415v1>
- <http://arxiv.org/abs/2310.09917v3>
- <http://arxiv.org/abs/2205.08497v1>