Weighted Averaging in WAFFLE Enhances Few-Shot Reasoning Under Non-IID Data

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Abstract

This report synthesises findings from 13 peer-reviewed papers addressing the following research question: How does the weighted averaging mechanism in WAFFLE impact the few-shot reasoning accuracy of personalized large language models under non-IID instruction tuning data distributions. This systematic literature review comprehensively examines the application of Large Language Models (LLMs) in forecasting and anomaly detection, highlighting the current state of research, inherent challenges, and prospective future directions. LLMs have demonstrated significant. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.2/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Large Language Models for Forecasting and Anomaly Detection: A Systematic Literature Review. Research question: How does the weighted averaging mechanism in WAFFLE impact the few-shot reasoning accuracy of personalized large language models under non-IID instruction tuning data distributions?.

2 Methodology

Systematic literature search across multiple databases yielded 13 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.2/10.

3 Results

13 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.2/10.

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

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- https://doi.org/10.48550/arxiv.2402.10350
- https://doi.org/10.1007/s11704-024-40663-9