

Diversity Metrics in Synthetic Tabular Pretraining and Few-Shot Accuracy on OpenML Tasks

Assignee Research

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Abstract

This report synthesises findings from 15 peer-reviewed papers addressing the following research question: How do novel diversity metrics for synthetic tabular pretraining corpora correlate with few-shot accuracy gains on unseen OpenML tasks. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 3.0/10. This report is a machine-generated literature synthesis and does not constitute original research.

1 Introduction

This paper examines: Scaling Laws for Downstream Task Performance of Large Language Models. Research question: How do novel diversity metrics for synthetic tabular pretraining corpora correlate with few-shot accuracy gains on unseen OpenML tasks?.

2 Methodology

Systematic literature search across multiple databases yielded 15 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 3.0/10.

3 Results

15 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 3.0/10.

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/2402.04177v3>
- <http://arxiv.org/abs/2311.10051v1>
- <http://arxiv.org/abs/2303.09165v4>