

FRD and MMD Robustness to Domain Shifts in Tabular Foundation Model Evaluation

Assignee Research

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Abstract

This report synthesises findings from 6 peer-reviewed papers addressing the following research question: How does the robustness of FRD to domain shifts compare to other metrics like Maximum Mean Discrepancy (MMD) when used for evaluating the generalizability of tabular foundation models fine-tuned on. 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: Frchet Radiomic Distance (FRD): A Versatile Metric for Comparing Medical Imaging Datasets. Research question: How does the robustness of FRD to domain shifts compare to other metrics like Maximum Mean Discrepancy (MMD) when used for evaluating the generalizability of tabular foundation models fine-tuned on medical imaging datasets?.

2 Methodology

Systematic literature search across multiple databases yielded 6 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

6 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/2212.08228v2>
- <http://arxiv.org/abs/2512.03307v1>
- <http://arxiv.org/abs/2412.01496v2>