

# Structural Causal Models in CausalMixFT for Multimodal Tabular Data Generalization

Assignee Research

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## Abstract

This report synthesises findings from 16 peer-reviewed papers addressing the following research question: Do structural causal models in CausalMixFT generalize to multimodal tabular data (e.g., text + numerical features) while maintaining accuracy gains in low-resource settings compared to traditional. 0 claims were extracted from source literature; 0 were independently verified against retrieved documents. An automated multi-reviewer quality assessment produced a score of 1.5/10. This report is a machine-generated literature synthesis and does not constitute original research.

## 1 Introduction

This paper examines: Advancing Enterprise Spatio-Temporal Forecasting Applications: Data Mining Meets Instruction Tuning of Language Models For Multi-modal Time Series Analysis in Low-Resource Settings. Research question: Do structural causal models in CausalMixFT generalize to multimodal tabular data (e.g., text + numerical features) while maintaining accuracy gains in low-resource settings compared to traditional augmentation methods?.

## 2 Methodology

Systematic literature search across multiple databases yielded 16 papers. Claims were extracted from source material and verified against retrieved documents. An independent multi-reviewer assessment produced a quality score of 1.5/10.

## 3 Results

16 papers retrieved. 0 claims extracted; 0 independently verified. Quality review score: 1.5/10.

## 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/2305.14576v2>
- <http://arxiv.org/abs/2408.13622v1>
- <http://arxiv.org/abs/2202.02891v1>