Review of: "Causality in Machine Learning: Innovating Model Generalization through Inference of Causal Relationships from Observational Data"

Xinpeng Shen[1]

1 University of Minnesota

This research delves into deriving causal mechanisms from observational data within machine learning. While the results highlight the promise of causal inference in bolstering the dependability and flexibility of machine learning, there are evident hurdles related to domain expertise and dataset biases. Nonetheless, the objectives and novelty of the proposed approach remain ambiguous. Additionally, the study's design, particularly Table 1, leaves questions about the specific data utilized and the evaluation metrics for the algorithms. I recommend a comprehensive revision on the study design and result section to clarify these aspects.