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Prof. Dr. Frank Werner
Editor-in-Chief
Algorithms

September 9, 2025

Subject: Submission of Manuscript for Publication

Dear Professor Werner,

We are pleased to submit our manuscript, "Deconstructing transformer-based time series forecasting" for consideration in *Algorithms*. This paper contributes to the field of data series forecasting by presenting a minimalist transformer architecture that is specifically designed for univariate time series forecasting and provides a transparent and replicable baseline for researchers and practitioners interested in understanding the core mechanisms of transformers when applied to forecasting tasks. We posit that this framework offers significant potential for enhancing research and practice by stimulating further studies within the data science community.

We affirm that no generative AI has been used for purposes such as generating text, data, or graphics, or for study design, data collection, analysis, or interpretation of data. AI-assisted tools were only used to check the spelling, syntax and style of the writing.

We confirm that neither the manuscript nor any parts of its content are currently under consideration for publication with or published in another journal.

All authors have approved the manuscript and agree with its submission to Algorithms.

We appreciate your consideration and look forward to your feedback.

Sincerely,

Vittorio Maniezzo, University of Bologna
Filippo Garagnani, University of Modena and Reggio Emilia