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Peer Review

Review of: "Adoption of Machine Learning Methods for Crop Yield Prediction-based Smart Agriculture and Sustainable Growth of Crop Yield Production – Case Study in Jordan"

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Your research on machine learning methods for crop yield prediction is both relevant and timely, addressing critical issues in agricultural sustainability and food security, particularly in the context of Jordan. The study emphasizes the importance of predicting crop yields for global food security and economic stability, highlighting the use of various machine learning algorithms, such as XGBoost, Random Forest, and Lasso regression, to enhance accuracy. By integrating optimization techniques, your work contributes to practical agricultural applications and showcases the potential of machine learning to support sustainable growth. Additionally, leveraging credible datasets strengthens your findings, making this study a valuable contribution to smart agriculture.

Declarations

Potential competing interests: No potential competing interests to declare.

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