

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"

Meysam Salarijazi¹

¹ Gorgan University of Agricultural Sciences and Natural Resources, Iran, Islamic Republic of

Potential competing interests: No potential competing interests to declare.

I think it is suitable research but can be improved using the following comments:

- The abstract section should include more quantitative findings.
- You should emphasize the research's novelty in the revised version.
- You can add some measures to improve the interpretation of ML models. The following source is useful:

Development of forecasting of monthly SAR time series in river systems: A multivariate data decomposition-based hybrid approach

- The quality of the plots is not good.

_ The ensemble approach can be useful to incorporate all benefits of applied models. The following source is useful:

Prediction enhancement for surface water sodium adsorption ratio using limited inputs: Implementation of hybridized stacked ensemble model with feature selection algorithm

- How can changes in wet and dry periods influence your results? The following source can give ideas to your team:

A novel approach to recognize the long-term spatial-temporal pattern of dry and wet years over Iran