

Review of: "Yield Forecasting Model for Maize Using Satellite Multispectral Imagery Driven Vegetation Indices"

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Potential competing interests: No potential competing interests to declare.

The manuscript requires substantial improvements in referencing, structure, motivation, figure quality, methodology articulation, and result presentation. The discussion also lacks depth in explaining data behavior and connecting findings to existing literature. A comprehensive revision is essential to strengthen the paper's overall quality and coherence.

Introduction:

- Critical lack of references throughout the introduction; support statements with relevant literature.
- Sentence structure and paragraph formatting need improvement; consider dividing the introduction into topical paragraphs for better clarity.
- Significantly enhance the motivation for the study; clearly articulate the gap the research aims to address.

Methodology:

- Improve Figure 1; ensure high-resolution images, correct distortion, and minimize white spaces.
- Address visibility issues in the font of the top left image; apply the same improvements to Figure 2.
- Clearly outline the methodology for assessing the accuracy of the yield prediction model in the methods section.

Results:

- Present results in a clearer manner, especially regarding graphs, maps, and prediction accuracies.

Discussion:

- Reconstruct the discussion for better clarity; provide possible explanations for data behavior.
- Establish connections between the study's findings and existing literature.