

# 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 authors sought to predict maize crop yield in the Kaharole upazila of the Dinajpur district, Bangladesh, by applying linear regression on Landsat 8 and Sentinel 2A derived maximum NDVI.

The manuscript could have been structured better. As much as the literature is done properly, the introduction could highlight the objectives of the research clearly. What is new that is being presented in this research? After the yield prediction model sub-section, please include how the model performance was assessed and the metrics used. Under results, a brief discussion on the yield variation across the region would give the reader an understanding of the area. How do they compare with the rest of Bangladesh? Further, to establish the maximum NDVI, the authors plotted the NDVI profiles for each field. Is it possible to present the profiles in the results section or in the annex? Can you discuss the results of your study in relation to similar studies?

For more comments, please see the attached document.