

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

Haoyu Niu¹

¹ Texas A&M University - College Station

Potential competing interests: No potential competing interests to declare.

In this article, the authors used satellite derived NDVI to predict maize yield. Overall, this paper is well written. However, the paper only tried simple linear regression models, which may be lack of innovation regarding the methods. Since the authors spent lots of time to prepare and process the dataset, I would recommend the authors to come up with some innovative methods to predict the maize yield. Comparing some existing methods with your methods will also make the paper's research results more persuasive.

The paper has no line numbers, which makes it difficult to comment. Here are some detailed comments:

1. In page 2, "R²", "2" should be superscript
2. In page 4, Figure 1, increase font size. The numbers are so small to read.
3. In page 5, Figure 2, Same issue, The color of the map is too light to read. Use higher resolution images, at least 300 dpi.
4. In page 7, equation 1, add comma at the end of your equations, equation should be considered as part of a paragraph. "Where" should be "where", check the rest of your paper.