**Building Rice Yield Early Warning Systems: A Case Study in India**

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**TARGET JOURNALS**

Global Food Security (IF 8.9); Food Security (IF 6.7); Agricultural systems (IF 6.6); Remote Sensing of Environment (IF 13.5)

**ABSTRACT**

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Mixed-effects: <https://www.analyticsvidhya.com/blog/2021/04/mixed-regression-for-hierarchical-modeling-part-1/>

<https://towardsdatascience.com/hierarchical-linear-modeling-a-step-by-step-guide-424b486ac6a3> with R

Guide to mixed models: <https://www.youtube.com/watch?v=2kEp51JJHik>

Analysis of relationship between cereal yield and NDVI for selected regions of Central Europe based on MODIS satellite data <https://www.sciencedirect.com/science/article/pii/S2352938519303027>

Using NDVI, climate data and machine learning to estimate yield in the Douro wine region <https://www.sciencedirect.com/science/article/pii/S1569843222002576#:~:text=Using%20NDVI%2C%20climate%20data%20and,103069%20Get%20rights%20and%20content>