Predicting Food Insecurity with Machine Learning based on readily avaliable data

Yujun Zhou[a,*]

[a]*Department of Agriculture and Consumer Economics, University of Illinois, USA*

Abstract

Use machine learning to predict household level food security in Malawi, Tanzania and Uganda.

Keywords: prices, unit root, stationarity,

Introduction

Temporal Poverty Prediction using Satellite Imagery(Chen 2017).

1. measuring and tracking areas of poor is a necessary step for targeting aid and guiding policy decisions.
2. obtaining data is time and labor intensive
3. (Blumenstock 2016)

Data

Methods

Participants

Material

Procedure

Data analysis

We used for all our analyses.

Results

Discussion

---

*Corresponding Author
  Email address:* `zhou100@illinois.edu` (Yujun Zhou)

References

Blumenstock, Joshua Evan. 2016. "Fighting Poverty with Data." *Science* 353 (6301). American Association for the Advancement of Science: 753–54.

Chen, Derek. 2017. "Temporal Poverty Prediction Using Satellite Imagery."