

Review of: "Socio-Economic Drivers of Food Security Among Rural Households: Evidence From Smallholder Rice Farmers in Ebonyi State, Nigeria"

Angeline C Mujeyi

Potential competing interests: No potential competing interests to declare.

Abstract

Definitions not necessary in the abstract "Food security reflects the stability of food supply, availability of, and access to food, and affects the amount of food consumed with implications on the population's health". The abstract should be concise and focused on summarizing the main findings and implications of your study. Instead, replace that sentence by highlighting the research gap.

Improve data collection: "Primary data was collected under the Feed the Future Innovation Lab for Fish (Integrated rice-fish farming system) funded by USAID through a three-stage sampling technique." In the abstract, highlight whether it was a cross-sectional or panel study of how many households in what district/site.

The recommendation "The study proposed implementing more programmes that focus on poverty alleviation, which should be gender inclusive with credit support" is not linked to the findings of the study, i.e., "The ESR model shows that the drivers of food security are access to credit, marital status, farming experience, primary occupation, education, and farm size."

Introduction

Replace this word in the introduction: non-ignorable gap". Is this a yield gap or a shortage?

Analytical framework

Not clear: "the Foster Greer and Thorbeck (FGT) class of food security to determine the food security status of the rice farmers and the Endogenous Switching Regression model to identify the determinants of food security among the rice in Ebonyi State, Nigeria."

Kindly note, Foster, Greer, and Thorbecke (FGT) is a well-known poverty measurement framework, and that should come out in the above sentence, in as much as the next section describes it in detail.

Table 1: Socio-economic Characteristics of the Rice Farmers. Is too long; you can split it into two tables, i.e., household head characteristics (age, marital status, gender, education, experience) and then the remaining variables go to the other table.

Make the subscript right in “As shown in Table 4, the P0.

Make sure articles in the reference list are cited in the text, otherwise remove them from the reference list. Examples below:

Ojo, T.O., Ogundeji, A.A., Babu, S.C. et al. Estimating financing gaps in rice production in Southwestern Nigeria. *Economic Structures* 9, 12 (2020). <https://doi.org/10.1186/s40008-020-0190-y>

Zakaria, A., Azumah, S.B., Dagunga, G. and Appiah-Twumasi, M. (2021), "Profitability analysis of rice production: a microeconomic perspective from northern Ghana", *Agricultural Finance Review*, 81(4) 535-553. <https://doi.org/10.1108/AFR-07-2020-0108>

Oyebanjo, O., Ambali, O. I., & Akerele, E. O. (2015). Determinants of food security status and incidence of food insecurity among rural farming households in Ijebu Division of Ogun State Nigeria. *Journal of Agricultural Science and Environment*, 13(1), 92–103.

Okereke C.O., Challenges of risk management among smallholder farmers in Ebonyi State, Nigeria: Implications for national food security. *Intl. J. of Agric. Econs. and Rur. Dev.*, 2012, 5 (1), 20

Ogundipe, A. A., Ogunniyi, A., Olagunju, K., & Asaleye, A. J. (2019). Poverty and income inequality in rural Agrarian household of southwestern nigeria: The gender perspective. *The Open Agriculture Journal*, 13(1), 51–57. <https://doi.org/10.2174/1874331501913010051>.

Obike, K.C., Ebe, F.E., Nse-Nelson, F.A., Aigbokie S.O. and Awazie, O.P. (2019). Migration, Poverty Status and Food Security of Farming Households in Abia State, Nigeria. *International Journal of Agriculture and Rural Development*, 22(1): 4122-4130.

So kindly check all