

Review Form 3

Journal Name:	Asian Journal of Economics, Business and Accounting
Manuscript Number:	Ms_AJEBA_126190
Title of the Manuscript:	FACTORS INFLUENCE THE ADOPTION OF IMPROVED AGRICULTURAL PRACTICES AMONG SMALLHOLDER FARMERS IN THE RIPAT PROGRAM.
Type of the Article	

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	It is of important to cultivate and add a literature on the issues under study as the agriculture supporters and actors lack enough knowledge base, real-time adoption of technical and practical changes to realize the desired outcomes and improvements. However, this manuscript presents less on the findings and suggestions compared to promises made at the introductory parts and problem statement, for instance, it promises to add the knowledge to the literature on how focused interventions might improve agriculture efficiency and food security, with possible implications for similar projects and programs in Tanzania and across East Africa region. But it ends up suggesting and recommending on the researched project itself to prioritize expanding its training programs. The author have to show how the results can be generalizable.	Therefore, the study focuses on how RIPAT SUA attempts to fill the gap by examining how socio-economic characteristics such as education level, Household income, and access to agriculture services, influence the chance of adopting improved practices. By contributing to Sustainable Goals (SDGs) such as SDG 2 Zero Hunger, and SDG 1 No Poverty, the Tanzania National Agricultural Policy of 2013 aims to promote national food security, safety, and nutrition enhanced through production, accessibility, and utilization of sufficient and quality of food Also, with Agricultural Sector Development Program phase II, with aims to transform the agricultural sector (crops, livestock, and fisheries) towards higher productivity, commercialization level, and smallholder farmer income for improved livelihood food security and nutrition (URT, 2016). The study provides important information on how initiatives like the RIPAT SUA Project can help close productivity gaps and promote resilience, handling problems of low yield, and improving livelihoods. Additionally, this research addresses a significant knowledge gap regarding the socio-economic effects of agriculture projects, aiding in creating policies and programs that advance sustainable agriculture and food security in Tanzania and across East Africa.
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, but adding the location would sound better	A CASE OF MOROGORO MUNICIPAL

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Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	An abstract is not comprehensive enough. It presents effects on p-values describing significance levels instead of showing the extent or magnitude of effects of particular variables. It also confusing as it tells that TRAINING has positive significant effects on implementing intercropping while EDUCATION has no significant effect, yet it concludes by suggesting increase in training opportunities for the farmers with minimal education.	Notably a significant finding is that a higher income household income increases the chances of using fertilizer by 16.9% (p= 0.015) and receiving training improves the likelihood of adopting intercropping by 8.47% (p = 0.007). However, education alone does not have a noticeable impact signifying that specialized training could be more effective in improving adoption rates among small farmers with limited formal education
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The manuscript misses some aspects to assure its robustness. It acknowledges one of the major limitation of adopted research design as its the inability to establish causality between variables since data is collected at once, so promises to tackle this limitation by performing a strong statistical analysis to investigate correlations among variables and identify potential confounding factors, but the manuscript didn't show any statistical tests such as multicollinearity tests and the likes. It presents contradicting results and implications to the conclusion made, Referring to table 3, the results show that only household income has marginal effects on adoption of agricultural practices, the is additional income adds likelihood of adopting agricultural practices by 16.9%, which is well discussed, but training which is strongly positive significant (table 2) doesn't have significant marginal effect (table 3), unconvincingly the author comes to conclude that the project should prioritize expanding its training programs to encourage smallholder farmers to adopt improved agriculture practices. This earmarks that something technically is not well perfumed or addressed, otherwise there is some issues in the data set or the way the regressions were ran.	Model Diagnostic Test: Ensuring model robustness, the multicollinearity was checked using VIF diagnostic with a mean of 1.61, indicating low multicollinearity among predictors  While training significantly influenced the intercropping according to the bivariate probit model result (Table 2), its impact was not demonstrated statistical importance (Table 3). This variation could designate that training effectiveness may be affected by other factors such as household income or experience, rather than just having a straightforward, independent impact. Hence, while training programs can be beneficial, they might not be sufficient on their own to promote adoption without supporting factors like financial aids or extension services.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. (NO NEED TO ADDRESS)	Yes, they are.	
Minor REVISION comments	Yes, just minor grammatical improvements	Improved again
Is the language/English quality of the article suitable for scholarly communications? (RUN SPELL AND CHECKER UONE PROBLEMS)		
Optional/General comments	An author should have consistent presentation from an abstract, linking to methodology, results discussed and the conclusions to have the same direction and meaning of the findings.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	