



SDI Review Form 1.6

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_26235
Title of the Manuscript:	Socioeconomic Determinants of Rice Production among Small-scale Farmers in the Shama-Ahanta East District of Ghana
Type of the Article	Original Research Article

General guideline for Peer Review process:

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 guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	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)
<u>Compulsory</u> REVISION comments	Author(s) have used OLS and the variables are likely to be nonlinear in parameters and therefore maximum likelihood based regression could be appropriate. There is no diagnostic test shown to justify the OLS. The model fit is judged by both p value and R². However, with OLS, p value is not relevant. Selection bias is likely in this data and therefore appropriate tobit model may be applied instead of the current regression based on OLS. E.g the variable education level is having min of 0 and max 6 (which is indicating truncation or censoring problem) Description of variable measurement is needed. As of now it is not clear. The variable codes X1, X2....in the model (eq 1 and 2) are not clear what each one is representing when one is considering table 2 and 3. Some variables e.g of income and out prices need to have currency Regression results seem to differ with some studies cited, there is a need to have solid conclusion about the findings. Okorie et al., (2011); Chidi et al (2015) For policy purposes, studies in Ghana are presenting contradictory results which would cause dilemma to policy makers when using these findings.	



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Minor REVISION comments		
Optional/General comments	Inclusion of environmental factors (soil characteristics, climatic issues) could help further to bring out additional factors instead of only socioeconomic factors. It may be farmers are using inputs in wrong soil types	

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