



**SDI Review Form 1.6**

**PART 1:**

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| Journal Name:            | <a href="#">British Journal of Economics, Management &amp; Trade</a>                              |
| Manuscript Number:       | <b>MS: 2012/BJEMT/2270</b>                                                                        |
| Title of the Manuscript: | <b>Agricultural Credit Allocation and Constraint Analyses of Selected Maize Farmers in Ghana.</b> |

**General guideline for Peer Review process is available in this link:**

**(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)**

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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### **PART 2: Review Comments**

|                                            | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Author's comment</b> (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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <p>(i) Line 350</p> <ul style="list-style-type: none"> <li>Please clearly specify your Y (dependent variable) before the model.</li> </ul> <p>(ii) Line 377</p> <ul style="list-style-type: none"> <li>Wrong use of model: Tobit is a censored regression model with dependent variable continuous from 0-1 or 0-100.</li> <li>Since rate is a quantity and not a dummy variable, therefore, qualitative choice model like Tobit is not appropriate, rather OLS can be used.</li> </ul> | <p>The Dependent variable Y has now been clearly described and specified before the model.</p> <p>The Tobit model can also be used for this particular regression. The rate of credit (loan) allocation to the farm sector ranges from zero (0) to one (1), though this quantity is a fraction. However, we can have zero allocation to the farm sector, and we can have all allocation to the farm sector, which makes the rate equal to one. Thus, <math>0 \leq \text{rate} \leq 1</math>. Hence, we have rates that range from 0 to 1 inclusive in this framework. The advantage of using the Tobit model is that it produces results that are more robust than those of the Ordinary Least Squares (OLS), though the OLS can also be used. In fact, we have used the OLS as a check and realised that the significance of the explanatory variables are the same as that of the Tobit model, however, the Tobit model results are more robust.</p> |



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|  | <p>(iii) Line 368 (Table I)</p> <ul style="list-style-type: none"><li>• The inclusion of the variable Age squared is inappropriate and its role is not clear. Moreso, it is likely to cause multicollinearity problems. Please expunge.</li></ul> <p>I still insist that the use of both “Age” and “Age square” in the same model is wrong. I agree with you on the correction of linearity of the model using “Age squared”, then, you should expunge the “Age” variable”.</p> | <p>The inclusion of the explanatory variable Age-squared is very relevant. This is because it will take account for the fact that Age has a non-linear relationship with the dependent variable. Thus as the farmer ages, the conditions regarding credit (loan) allocation to the farm sector changes. Indeed, the explanatory variable ‘Age-squared’ is significant in the Tobit model (see Table 7).</p> |
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| <p><b>Minor</b> REVISION comments</p>   | <p>(i) Line 117:</p> <ul style="list-style-type: none"> <li>Ideally, materials that would be of great help in the methodology can be sustained in this section. However, if materials are flowing literature of the subject, it can be paraphrased into 1-2 pages and dove-tailed into the introduction along lines of the objectives of the study and thus enhancing the introductory section.</li> </ul> <p>(ii) Line 290:</p> <ul style="list-style-type: none"> <li>Please cross-check the longitude, it should be East (and not West)</li> </ul> <p>(iii) Line 445:</p> <ul style="list-style-type: none"> <li>Preferably, use 5% LOS (instead of 1%)</li> </ul> <p>(iv) Line 550:</p> <ul style="list-style-type: none"> <li>Use Conclusion and Recommendations, since there are elements of recommendations in this section.</li> </ul> <p>(v) Recommend areas of further research based on your experience in the study.</p> | <p>This section has been renamed/re-titled 'Literature Review'.</p> <p>This has been checked and the subsection has been sent to the Appendix, due to the opinion of another reviewer.</p> <p>Level of Significance has been changed from 1% to 5%.</p> <p>'Conclusions and Recommendations' has been used as the subtitle.</p> <p>Suggestions for further research have now been specified.</p> |
| <p><b>Optional/General</b> comments</p> | <p>(i) Line 11:</p> <ul style="list-style-type: none"> <li>Omission (insert data to read <b>primary data</b>)</li> </ul> <p>(ii) Remove "d" in sampled to read <b>Sample t-test</b>.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>Insertion of 'data' on line 11 has been done.</p> <p>'d' has been removed to read Sample t-test.</p>                                                                                                                                                                                                                                                                                          |



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|  | <p>(iii) Grammatical errors (many):</p> <ul style="list-style-type: none"> <li>Line 16: ... farmers were (not are)</li> <li>Line 19: ... farm sector were (not are)</li> </ul> <p>(iv) Line 88:</p> <ul style="list-style-type: none"> <li>Link up the preceding section with .... Therefore, the objectives of the study are four folds ...</li> </ul> <p>(v) Line 112:</p> <ul style="list-style-type: none"> <li>Restructure to reflect: Section Two is materials and methods, Section Three presents the results while Section Four is the summary of findings, conclusion and recommendations.</li> </ul> <p>(vi) Line 318:</p> <ul style="list-style-type: none"> <li>Quantitative data were (not was)</li> </ul> | <p>Grammatical errors have been corrected. The word 'were' has been used to replace the word 'are'.</p> <p>Linkage has been done by using the word 'Therefore'.</p> <p>Restructuring of this paragraph has been done to reflect the content of the paper.</p> <p>Grammatical error have been corrected by using 'were' to replace 'was'.</p> |
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