

## Review Form 1.6

Journal Name:	<a href="#">Asian Research Journal of Agriculture</a>
Manuscript Number:	Ms_ARJA_86086
Title of the Manuscript:	EFFECT OF AGRICULTURAL COOPERATIVE MEMBERSHIP ON WILLINGNESS TO PAY FOR NON-FATAL RISK REDUCTION FROM COVID-19
Type of the 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:

(<https://www.journalarja.com/index.php/ARJA/editorial-policy> )

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**PART 1: 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>Compulsory</b> REVISION comments	<p>In general, this is an interesting paper that contributes to offer the solutions to reduce the risks from COVID-19 pandemic through an agriculture initiative. However, the authors need to revise carefully some notes below:</p> <ul style="list-style-type: none"> <li>- The limitations of the study should be further discussed.</li> </ul>	
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>- Please mention full meaning for the 1<sup>st</sup> abbreviated word(s), such as:</li> <li>+ “estimated the value of statistical case and ascertained the effects of cooperative membership on the <b>WTP</b> for COVID-19 health risk morbidity reduction. The study revealed that the typical cooperative member is willing to pay ₦1,638 per farming season to decrease his or her chance of falling sick from COVID-19 or averting non-fatal cases of COVID-19 by 1 in 10,000. In addition, the <b>PSM</b> estimation indicated that...”</li> <li>+ “The first stage entailed the purposive selection of two <b>LGA</b>s (<b>Edu and Pategi</b>) with comparative in rice production.” Why “Edu and Pategi” used to explain for “LGA”s”? Need a clearer explanation for this.</li> <li>+ other places.</li> <li>- Reset the items to make sense, why is there 1.1. without 1.2</li> <li>- Please cite the reference for some information, such as:</li> <li>+ “Though, the conceptual understanding of the terminology varies, essentially, cooperatives are legal and voluntary entities, comprising individuals of similar interest, who aspire to achieve some economic gains. The movement was borne out of the oppression faced by blue-collar workers in Britain in the wake of the industrial revolution. In Nigeria, the emergence of cooperative movement is associated with the enactment of the Nigerian Ordinance of Cooperative Societies in 1935; not precluding the fact that the adoption of the Israeli modelled farm settlement schemes in some parts of the country in the mid to late-50s, concretized cooperative movement. However, cooperative movement have since witnessed numerous transformation, including portfolio diversification, in line with global dynamics, policy and regulatory demands”.</li> <li>+ “The study was conducted in Kwara State, North Central Nigeria. The State covers an area of 36,825 km, with an estimated population of 2,591, 555. Kwara State share boundaries with the Republic of Benin to the West and Niger River to the North. The State is headquartered in Ilorin, which is 500km from the Federal Capital Territory. The main occupation of inhabitants is farming. Major crops cultivated were rice, cassava, millet, guinea corn and melon.”</li> <li>+ “Farming activities starts in earnest in Kwara State with the onset of the rains in April and terminates by October, 2021.”</li> <li>+ “These included descriptive statistics, Levene's test, t-test, chi-square, Probit analysis, propensity score matching, WTP and the value of statistical case. Statistical Packages for Social Scientists and Stata were used for data analysis.”</li> <li>- There should be a consistent presentation of citations:</li> <li>“This development does not come as a surprise, given that researchers like (Zhao et al. 2020; Iboi et al. 2020) predicted the likelihood”...</li> <li>“Ajzen (2011) affirmed that the WTP analytical framework”...</li> <li>“...the study finds relevance in the work of Slovic (1987), as deployed by (Robinson et al., 2021)”...</li> </ul>	
<b>Optional/General</b> comments	<p>If the dimensions above are revised, it would be good to publish this work.</p>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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