

Review Form 1.7

Journal Name:	Archives of Current Research International
Manuscript Number:	Ms_ACRI_117141
Title of the Manuscript:	Analysis of Socio-economic Impacts of COVID-19 on Agricultural Practices in Chikkaballapur District using Stepwise Regression
Type of the Article	Original Research Article

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1- Yes, this manuscript is important for the scientific community as it addresses a relevant and current topic: the socio-economic impact of the COVID-19 pandemic on agricultural practices. The study provides valuable insights into how the pandemic has affected various aspects of agriculture, including economic factors, agricultural technology, and farm management. This information is essential for understanding the challenges faced by farmers during the pandemic and for developing adaptive strategies and effective policies to support the agricultural sector in times of crisis.</p> <p>2- YES 3- YES 4- YES 5- YES 6- YES</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>YES</p>	
<p>Optional/General comments</p>	<p>The methodology appears to be well-detailed and comprehensive. However, here are some suggestions for correction and enhancement:</p> <p>In the beginning of the second paragraph, in "This design was considered appropriate due to its alignment with the study objectives, variables, sample size, and investigated phenomenon," I suggest restructuring the sentence for clarity, perhaps by splitting it into two parts.</p> <p>In the third paragraph, I suggest specifying how many taluks were involved in the study to avoid any ambiguity.</p> <p>In the fourth paragraph, where you describe the statistical analysis, I suggest adding a brief explanation of the practical significance of each mentioned statistical measure (mean, standard deviation, coefficient of variation) to ensure that readers fully understand the results.</p> <p>In the paragraph about stepwise regression, you mention that the method adds or removes variables based on their statistical significance, but it might be helpful to explain how this is determined, for example, through F statistics or p-values.</p> <p>In the last paragraph, where you discuss the limitations of stepwise regression, I suggest providing specific examples of how these limitations may affect the interpretation of the study results.</p> <p>Overall, the methodology seems well-structured and adequately addressed the key aspects of the study. The suggestions above are just to enhance the clarity and accuracy of the text.</p>	

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	<p>The results obtained through the stepwise regression analyses provide significant insights into the factors influencing changes in economic factors, agricultural technology, and farm management in rural communities during the pandemic. Here are some additional suggestions for discussion:</p> <p>Interpretation of results: It is important to provide a detailed analysis of the results obtained in each stepwise regression model. For example, discuss how each predictor variable contributes to explaining the variation in the dependent variable and how these relationships can be interpreted in the context of agricultural practices and socio-economic conditions during the pandemic.</p> <p>Importance of predictor variables: Highlight the importance of the predictor variables identified in each stepwise regression model. For example, discuss why certain variables, such as changes in farm management, age, education, and economic factors, have emerged as significant predictors of changes in agricultural practices.</p> <p>Relationship between variables: Explore the interrelationships between predictor variables and how these relationships can influence changes in economic factors, agricultural technology, and farm management. For example, discuss how changes in economic factors can impact decisions regarding farm management and adoption of agricultural technology.</p> <p>Implications for policies and practices: Finally, discuss the practical implications of the results for agricultural development and policy formulation. For example, suggest possible interventions or strategies that could be implemented to promote sustainable and resilient agricultural practices in the face of socio-economic challenges, such as those caused by the COVID-19 pandemic.</p> <p>By incorporating these points into the discussion, you can enrich the interpretation of the results and provide a more comprehensive view of the study's implications for agricultural research and practice.</p> <p>The conclusion succinctly and effectively addresses the key points highlighted by the study. However, here are some suggestions to further enhance the conclusion:</p> <p>Emphasis on key findings: Reinforce the main results of the study, highlighting the key changes observed in economic factors, production, agricultural technology, market responses, and farm management. This will help to reinforce the importance of the study's findings.</p> <p>Relevance of identified factors: Explain the importance of the identified factors, such as changes in farm management and economic factors, in adapting agricultural practices to the conditions imposed by the pandemic. This will help contextualize the significance of the results for the agricultural sector.</p> <p>Need for action and support: Reinforce the importance of implementing adaptive strategies and providing support to farmers to address the identified challenges. Highlight the need for policies and programs that promote resilience and innovation in the agricultural sector, ensuring its sustainability amidst global uncertainties.</p> <p>Future perspective: Conclude the conclusion with a brief reflection on the next steps, such as additional research areas that could be explored or possible practical interventions that could be implemented based on the study's results. This will help provide a more holistic view of the study's impact and implications.</p> <p>By incorporating these suggestions, the conclusion can become more comprehensive and persuasive, providing a powerful ending to the study.</p>	
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PART 2:

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

Reviewer Details:

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