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| Journal Name: | [**Asian Journal of Agricultural Extension, Economics & Sociology**](https://journalajaees.com/index.php/AJAEES) |
| Manuscript Number: | **Ms\_AJAEES\_136677** |
| Title of the Manuscript: | **FACTORS INFLUENCING ADOPTION OF SUSTAINABLE ONION SEED PRODUCTION PRACTICES AMONG SMALLHOLDER ONION SEED PRODUCERS IN MANG'OLA WARD KARATU DISTRICT** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | This study discusses factors that impact the production of sustainable onion seed in the Karatu district. It suggests that education can play a significant role in fostering production. It also emphasises the need for training programs tailored to different age groups, especially younger farmers, to foster innovation and encourage technology application. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | Yes, please replace “SMALLHOLDER” with a better word. This will improve clarity for the reader. |  |
| 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. | Yes |  |
| Is the manuscript scientifically, correct? Please write here. | Yes, but:   1. This study claims to use both Sustainability Theory and Diffusion of Innovations Theory, but the theoretical framework is not well-integrated into the empirical analysis. 2. Some variables with insignificant p-values are over-interpreted. For instance, marital status and sex are discussed in depth despite lacking statistical significance, potentially misleading readers. 3. The logistic regression finds a negative and significant coefficient for extension visits, which contradicts prior literature and common expectations. This surprising result is not adequately explained or explored. 4. The rationale for using Kendall's tau and logistic regression is provided, but there is no robustness check or justification for variable selection, multicollinearity issues, or model diagnostics. 5. Several sections are unnecessarily repetitive, especially the discussion of demographic variables. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Please add the suggested articles in literature review section to improve the scientific contribution, it will enhance the credibility of the original research.   1. Gupta, R. K., Maheshwari, U., & Das, D. N. (2023). An analysis of factors influencing empowerment of rural women through Deendayal Antyodaya Yojana--National Rural Livelihood Mission (SGSY). *Theoretical & Applied Economics*, *30*(1). 2. Maheshwari, U., & Priya, A. (2022). AN ANALYSIS OF IMPACT OF DEENDAYAL ANTYODAYA YOJANA-NATIONAL RURAL LIVELIHOOD MISSION ON RURAL PEOPLES WITH REFERENCE TO MEASUREMENT THROUGH THE ATTITUDE OF SHGS. *Towards Excellence*, *14*(2). |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes, it might be improved slightly. |  |
| Optional/General comments | Please accommodate the above suggestions to improve the manuscript. |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | **Author’s Feedback** (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 detail)* |  |

**Reviewer details:**

**Udit Maheshwari, Madan Mohan Malaviya University of Technology, India**