

### Review Form 3

Journal Name:	<a href="#">European Journal of Nutrition &amp; Food Safety</a>
Manuscript Number:	Ms_EJNFS_122902
Title of the Manuscript:	Dietary behavior of rural women in Kurnool district of Andhra Pradesh
Type of the Article	Original Research Article

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><u>Optional/General</u> comments</p>	<p><b>Title and Abstract</b>  The title accurately reflects the scope and content of the paper, focusing on the dietary behavior of rural women in the Kurnool district. The abstract provides a concise overview of the study, its methodology, and key findings. However, the abstract could be improved by more explicitly stating the research gap this study addresses and how it contributes to the existing literature on rural women's dietary behavior in India. Additionally, the abstract could benefit from a clearer articulation of the implications of the findings for policy and practice.</p> <p><b>Introduction</b>  The introduction effectively sets the stage by highlighting the significance of dietary behavior in rural India, particularly among women. It outlines the broader context, including socio-economic and cultural factors, and links these to health outcomes. The inclusion of statistical data from the National Family Health Survey (NFHS-5) strengthens the argument by providing empirical evidence of the health challenges faced by rural women in India.  However, the introduction could be further strengthened by including a more detailed literature review that contextualizes the study within the broader research on dietary behavior in rural India. For example, it would be beneficial to discuss previous studies on the dietary habits of rural women in other regions of India and how they compare to those in Andhra Pradesh. This would help in identifying the specific research gap that this study aims to fill.</p> <p><b>Methodology</b>  The methodology is well-structured and clearly explains the study design, sampling techniques, and data collection methods. The use of the 24-hour recall method developed by the Food and Agriculture Organization (FAO) is appropriate for capturing dietary behavior. The decision to use multiple regression analysis to explore the effects of socio-economic variables on food consumption is justified and well-executed.  However, the methodology section could benefit from a more detailed description of the socio-economic variables included in the regression analysis. For instance, the rationale behind selecting certain variables, such as family size, landholding, and monthly income, could be more thoroughly explained. Additionally, it would be helpful to provide more context on the operationalization of dietary behavior and the specific challenges encountered in using the 24-hour recall method in the study area.</p> <p><b>Results</b>  The results are presented clearly and systematically, with tables that effectively summarize the key findings. The use of multiple regression analysis is appropriate, and the interpretation of the coefficients is generally sound. The discussion of the significant and non-significant variables is insightful, particularly in relation to how socio-economic factors influence dietary behavior.  However, there are a few areas where the presentation of results could be improved:</p> <ol style="list-style-type: none"> <li><b>Comparison with RDA:</b> While the paper compares the consumption of various food groups with the Recommended Dietary Allowance (RDA), it would be beneficial to discuss the implications of these deficits in greater detail. For instance, what are the potential health consequences of consuming less than the RDA for cereals, pulses, and other food groups?</li> <li><b>Contextual Analysis:</b> The results could be further enriched by incorporating a more nuanced discussion of regional dietary patterns and how they may differ from national trends. This would provide a more comprehensive understanding of the dietary behavior in Kurnool district specifically.</li> <li><b>Visual Presentation:</b> The inclusion of charts or graphs could make the data more accessible and visually engaging, especially for readers who may find it challenging to interpret raw data from tables.</li> </ol> <p><b>Discussion</b>  The discussion section provides a solid interpretation of the findings, linking them to existing literature and theoretical frameworks. The paper does a commendable job of discussing the implications of the</p>	

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	<p>findings, particularly in relation to public health and nutrition policy. The acknowledgment of the role of socio-economic factors in shaping dietary behavior is a strength of the paper. However, the discussion could be more focused and avoid repetition of points already made in the results section. Additionally, the paper could explore the potential interventions that could be implemented to improve the dietary behavior of rural women in Kurnool district. For instance, what specific policies or programs could address the identified deficits in food consumption? How might these interventions be tailored to the unique socio-economic context of the study area?</p> <p><b>Conclusion</b> The conclusion effectively summarizes the key findings and their implications. It reiterates the importance of addressing the dietary needs of rural women in India and calls for targeted interventions. However, the conclusion could be strengthened by explicitly stating the limitations of the study and suggesting directions for future research. For example, what other factors not covered in this study might influence dietary behavior in rural areas? How could future studies build on the findings of this research?</p> <p><b>References</b> The references cited in the paper are relevant and up-to-date. However, the paper would benefit from a more extensive review of the literature, particularly in the introduction and discussion sections. Including a broader range of studies from different regions of India would provide a more comprehensive understanding of the dietary behavior of rural women across the country.</p> <p><b>Overall Evaluation</b> This paper makes a valuable contribution to the understanding of dietary behavior among rural women in Kurnool district, Andhra Pradesh. The methodology is robust, and the findings are clearly presented and discussed. However, the paper could benefit from a more extensive literature review, a more detailed analysis of the results, and a clearer articulation of the implications for policy and practice. Additionally, the use of visual aids, such as charts or graphs, could enhance the accessibility of the data. With these revisions, the paper would be well-positioned to make a significant impact in the field of public health and nutrition in rural India.</p>	
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**PART 2:**

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

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