

Review Form 1.7

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_116630
Title of the Manuscript:	An Improved Product Estimator for Finite Population Mean in the presence of Nonignorable Nonresponse
Type of the Article	Original Research Article

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PART 1: Review Comments

	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>
<p><u>Compulsory</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Overall, while the abstract provides a good overview of the study's objectives, methodology, and findings, However, it could benefit from a bit more context or motivation. Why is it important to develop an improved estimator for this specific scenario? 2. it would be helpful to briefly explain what Ashutosh's estimator entails and why it's relevant for comparison. Without this context, readers unfamiliar with Ashutosh's work may find it difficult to understand the significance of the comparison. 3. It's not common practice to use the same citation multiple times in the abstract unless each mention refers to a different aspect of the cited work. In your abstract, it seems that the citation [16] refers to the work of Ashutosh, which is being compared to the proposed estimator. 4. The introduction introduces several concepts such as nonignorable nonresponse, missing data types, and various statistical techniques without providing clear definitions or explanations. This might make it difficult for readers who are not familiar with these concepts to understand the significance of the research. 5. The introduction doesn't explicitly mention the specific applications or domains where the proposed improved estimator could be utilized. Adding this information would enhance the relevance and practical implications of the study. 6. It's essential for the authors to provide justification for why they chose specific features from the California Houses dataset for their research. Without this explanation, readers may question the rationale behind the selection and how it relates to the research objectives. 7. While the conclusion compares the performance of the proposed estimator with that of Ashutosh's estimator in terms of bias and efficiency, it could provide more detail on the specific criteria used for comparison and the context in which each estimator may be preferred. 8. The conclusion does not offer suggestions for future research directions or areas where further investigation is needed. Providing recommendations for future studies based on the limitations or unanswered questions arising from the current research would add depth to the conclusion. 	
<p><u>Minor</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 		
<p><u>Optional/General</u> comments</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>	

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