

Review Form 3

Journal Name:	Asian Journal of Probability and Statistics
Manuscript Number:	Ms_AJPAS_125841
Title of the Manuscript:	ESTIMATION OF POPULATION MEAN UNDER DIAGONAL SYSTEMATIC SAMPLING SCHEME BY USING IMPUTATION METHODS
Type of the Article	Research paper

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <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.	The article is an interesting one, the results obtained by the authors imply that the estimators of the proposed schemes are more efficient and robust than the conventional unbiased estimators.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, but in the title of the article there is a typo of the word ESTIMATION not ESTIMATATION.	
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, the abstract is well written.	
Are subsections and structure of the manuscript appropriate?	Yes, the sections are appropriate with the structure and content of the article	
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.	The authors of the article bring improvements regarding the efficiency of population parameter estimators in random sampling. According to the obtained results, the estimators of the proposed schemes are more robust than the conventional unbiased estimators.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	Yes, the references are relevant and recent enough.	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p>Optional/General comments</p>	<p>Comments:</p> <ol style="list-style-type: none"> 1. Pay attention to the spacing between the words in sentences or between mathematical notations and words in a sentence - section 1.1, lines 2 and 3. 2. In the relation the unbiased estimators of the population means are $\bar{x}_{st} = t_0 = 1/n \sum_{j=1}^n x_{ij}$. 3. In the relation (1.4), in the second sum the index i=0 not i=o. 4. Starting with section 2.0, use the notation $(y, x) \in \psi^+$ and not $(y, x) \in \psi^+$. Idem in relations (1.6) and (1.15). Again, be careful with the spacing between math notations and text. 5. According to relation (1.6) you inserted two s in the expressions $\bar{y}_{gmlss(r^*)}$ and $\bar{x}_{gmlss(r^*)}$. 6. Table 1.5. must be arranged, the row containing t_ 1(1). 7. Several comments should be made regarding the interpretation of the obtained results. 8. In References, standard for doi is not met, it should be given in the following form: https://doi.org/10.24136/oc.3190 <p>So it should not be like this: Audu, A., Singh,R., & Supriya, K.(2021). New regression-type compromised imputation class of estimators with known parameters of auxiliary variable. <i>Journal of Statistics and Management Systems</i>,52(10), 4789-4801. DOI:10.1080/03610918.2021.197082</p> <p>But it should be like this: Audu, A., Singh,R., & Supriya, K.(2021). New regression-type compromised imputation class of estimators with known parameters of auxiliary variable. <i>Journal of Statistics and Management Systems</i>,52(10), 4789-4801. https://doi.org/10.1080/03610918.2021.1970182.</p> <p>Attention to spaces in References. Reference Toutenburg, H., Srivastava, V. K. and Shalabh is don't found in the text of the article.</p>	

PART 2:

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

Reviewer Details:

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