

Review Form 1.6

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| Journal Name: | Asian Journal of Probability and Statistics |
| Manuscript Number: | Ms_AJPAS_89569 |
| Title of the Manuscript: | Combined Exponential-Type Estimators for Finite Population Mean in Two-Phase Sampling |
| Type of the Article | Original Research Article |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

<https://www.journalajpas.com/index.php/AJPAS/editorial-policy>)

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) |
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| Compulsory REVISION comments | | |
| Minor REVISION comments | Abstract should capture a sneak preview of reason proposed class of exponential type estimators performed better than existing estimators. Background reviewed existing estimators but did not explicitly outline their weaknesses. The review should give reasons why they are not efficient enough. This would enhance the research gap. | |
| Optional/General comments | Title of paper is appropriate, clear, concise and related to the content of the paper. Abstract is independent and gives a fair idea of the contents of the paper without reading the complete manuscript but needs a little addition as intimated under minor revision comments. Introduction gives a good synopsis of issues and preconceptions regarding area of study but requires a little adjustment as captured under minor revision comments. Double sampling concept thoroughly explained. Literature search is adequate, and comparison appropriately done. Methods/Processes are rigorous. Paper is sufficiently robust with a sound mathematical background and a very fine chronology of arguments. Adequate sample sizes to necessitate statistical power. Results are well presented, clear, precise and concise. Tables are used appropriately which enhances readability of manuscript. Discussion summarizes findings and explains the meaning of results. Results and discussions clearly outline comparison between the performances of proposed combined exponential type estimators and existing estimators. Results and discussions answer the general objective of the study and sufficiently occupy the research gap, which is key. The idea of an efficient estimator having a smaller deviance (MSE) in terms of comparison has been captured. Conclusion is supported by data described in manuscript. References cited are relevant and accurate. Overall, study adds to existing knowledge. | |

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) |
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| 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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Reviewer Details:

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| Name: | Elvis Kobina Donkoh |
| Department, University & Country | University of Energy & Natural Resources, Ghana |