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Journal Name:	**Asian Research Journal of Mathematics**
Manuscript Number:	**Ms_ARJOM_83153**
Title of the Manuscript:	**ON THE EFFICIENCY OF MODIFIED REGRESSION-TYPE ESTIMATORS USING ROBUST REGRESSION SLOPES AND NON-CONVENTIONAL MEASURES OF DISPERSION**
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.
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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)*
Compulsory REVISION comments	The literature survey should be extended to 2022, and to revise the Introduction and Conclusion of the article. Also, English needs to be revised, there are some grammar errors. Especially in recent years, there are many studies in the literature that have been made by considering robust regression. Studies using robust regression can be included in the literature part of the study. Appropriate articles from the following articles about robust regression ratio type estimators can be included in the introduction. Bulut, H., & Zaman, T. (2019). An improved class of robust ratio estimators by using the minimum covariance determinant estimation. *Communications in Statistics-Simulation and Computation*, 1-7. Zaman, T., & Bulut, H. (2020). Modified regression estimators using robust regression methods and covariance matrices in stratified random sampling. *Communications in Statistics-Theory and Methods*, *49*(14), 3407-3420. Zaman, T., & Bulut, H. (2021). An efficient family of robust-type estimators for the population variance in simple and stratified random sampling. *Communications in Statistics-Theory and Methods*, 1-15. Zaman, T., & Bulut, H. (2021). A simulation study: Robust ratio double sampling estimator of finite population mean in the presence of outliers. *Scientia Iranica*. Zaman, T., & Bulut, H. (2022) A new class of robust ratio estimators for finite population variance. Scientia Irenica.	
Minor REVISION comments	The expression Zaman Audu (2019) in the title of Table 1 should be revised as Zaman (2019).	
Optional/General comments	Author(s) have proposed efficient estimators of the population mean of the study variable using robust regression slopes and non-conventional measures of under simple random sampling and obtained the MSE equations. Both theoretically and numerically, efficiency conditions for the proposed estimators are also satisfied. The paper has been well-written. The originality of the article is clearly stated.	

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

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