## ORIGINAL ARTICLE

# A MODIFIED THREE PARAMETERS FAMILY OF ESTIMATORS FOR POPULATION MEAN IN SAMPLE SURVEYS 

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#### Abstract

This paper provides a three parameters family of exponential estimators for estimating the population mean under simple random sampling. It has been observed that the proposed family of estimators is more efficient to some recently established exponential estimators and the linear regression estimator. Numerically, it has been illustrated that the proposed family of estimators always performs better to linear regression estimator and many other established exponential estimators.


Key words: Auxiliary information, Mean squared error, Ratio-product-ratio exponential type estimator, Simple random sampling.

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