



**ORIGINAL ARTICLE**

## **EXPONENTIAL-TYPE CALIBRATION ESTIMATORS OF FINITE POPULATION MEAN IN STRATIFIED SAMPLING**

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**Abstract:** This paper considers exponential ratio-type calibration estimators for finite population mean using median of the auxiliary variable in the calibration constraint under stratified random sampling. For judging the performance of the proposed estimators, a simulation study has been carried out on real as well as artificial datasets using R-software and their percentage root mean squared errors have been computed. The suggested estimators have been compared with the estimators given by Singh (2003) and Tracy *et al.* (2003).

**Key words:** Auxiliary information, Calibration estimation, Stratified random sampling, Exponential type estimator.

### **Cite this article**

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