



## **CHAIN RATIO-TYPE ESTIMATORS IN STRATIFIED RANDOM SAMPLING**

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### **Abstract**

This paper considers some chain ratio-type estimators of the population mean  $\bar{Y}$  in stratified random sampling. Conditions under-which the proposed chain ratio-type estimators perform better than the ordinary ratio-type estimators discussed by Kadilar and Cingi [Hacet. J. Math. Stat. 32 (2003), 105-108], are obtained. The results are illustrated empirically.

**Keywords and phrases:** chain ratio-type estimators, stratified random sampling, mean squared errors.

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