



**A FAMILY OF COMBINED RATIO-TYPE ESTIMATORS
OF THE POPULATION MEAN IN STRATIFIED
RANDOM SAMPLING**

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Abstract

A family of combined ratio-type estimators is proposed for the estimation of population mean in stratified random sampling. The paper also corrects certain mathematical errors in Kadilar and Cingi [Biometrical Journal 45(2) (2003), 218-225]. Properties of the proposed family of estimators are obtained and illustrated empirically.

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

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