



ESTIMATING POPULATION PROPORTIONS BY USING CALIBRATION ESTIMATORS

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Abstract : Calibration estimators are used, in the present paper, to estimate the population proportion in presence of an auxiliary variable. We have proposed a class of estimators for estimating the population proportion and studied its performance with different estimators available in the literature and some particular estimators of the proposed class.

Key words : Calibration estimators, Auxiliary variable, Chi-square distance, Population proportion.

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