

**A Class of Predictive Estimators in
Two-Stage Sampling Using Auxiliary Information**

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Abstract

This paper presents a class of predictive estimator for a two-stage sampling with unequal first stage units using auxiliary information. The proposed class consists of mainly three different types of estimators namely, Ratio, Regression and Product estimator. The mean square error (MSE) and minimum mean square error of this class have also been derived in this paper.

Keywords: Two-Stage Sampling, Finite Population, Auxiliary Information.