SAMPLING WITH IMPERFECT FRAME IN LARGE POPULATION

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ABSTRACT

Frames are often imperfect in any sample survey which arises due to some of the rare sampling units being outdated at the time of actual survey. In present study, the imperfection of frame arising due to rare out-of-scope units is considered in large population. Suitable estimators for the proportion of out-dated units from the population and target population total for a character with their variance have been developed considering probability distribution function(p.d.f.) of rare out dated units in large population.

KEYWORDS: Sampled population, Target population & Imperfect frame

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