ASYMPTOTIC PROPERTY FOR BAYESIAN SPECIAL TYPE DOUBLE SAMPLING PLAN

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ABSTRACT

Sampling plans are usually determined by requiring that the Operating Characteristic curve has certain properties and/or by minimizing the average regret. In that way it also becomes possible to study the efficiency of alternative plans and robustness of the solution to changes in the assumption. In this paper the minimum average regret function has been derived for Bayesian Special Type Double Sampling.

KEYWORDS: Average Cost, Gamma Distribution, Fixed Second Sample, Minimum Regret