

عنوان مقاله:

Optimization in progressively Type-II censoring with random sample size based on cost constraint

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خلاصه مقاله:

In this paper, we consider the progressively Type-II censoring and the sample size is assumed as a random variable from a Poisson distribution. The optimal sample size is determined by considering a cost constraint. Towards this end, we first introduce a cost function and then the optimal parameter of Poisson distribution is obtained so that the cost function does not exceed a pre-fixed value. In the following, through a simulation study, the results are evaluated. Finally, the conclusion of the article is presented.

کلمات کلیدی:

Random Sample Size, Cost Function, Optimization

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