Abstract

In this paper, the maximum likelihood and Bayesian estimation are developed based on Type-II progressive hybrid censoring scheme from the Pareto distribution. One and two-sample Bayesian prediction is also discussed using Type-II progressive hybrid censoring scheme. Finally, numerical example is presented for illustrating all the inferential procedures developed here.

References


Index Terms

Computer Science Information Sciences

Keywords

Bayesian estimation, Bayesian prediction, Pareto distribution, Maximum likelihood estimation, Type-II progressive hybrid censoring sample