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

54(7), 1732-1743.


**Index Terms**

Computer Science                         Information Sciences

**Keywords**

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