

ESTIMATION UNDER PROGRESSIVE TYPE-II CENSORING FOR LENGTH BIASED EXPONENTIAL DISTRIBUTION

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ABSTRACT : Estimation related to parameters of the length biased exponential distribution has been discussed, based on progressively Type II censored samples. Maximum likelihood estimators as well as approximate Bayes estimators of the parameters are developed. A simulation study is considered for different patterns of censoring.

Keywords : Length biased exponential distribution; progressive Type II censoring; maximum likelihood estimation; Lindley's approximation.