LIKELIHOOD BASED PARAMETER ESTIMATION
FOR THE PARETO DISTRIBUTION

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Abstract

In this paper, we propose likelihood based estimation procedures for the parameters of a two-parameter Pareto distribution based on the asymptotic normality of maximum likelihood estimator, the likelihood ratio statistic, and an adjusted likelihood score statistic. A numerical example is given for illustrative purpose.

Keywords and phrases: Pareto distribution, confidence limits, likelihood score.

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References