



Bayesian Estimation for Exponentiated Inverted Weibull distribution under Different Loss Functions

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Abstract

The aim of the present article is to find the best estimator for the shape and scale parameter of exponentiated inverted Weibull distribution using informative and non-informative prior under squared error, linex and general entropy loss function. The performance of these proposed estimators has been compared on the basis of their simulated risk.

Keywords: Exponentiated inverted Weibull distribution, General entropy loss function, Bayes estimator, M-H algorithm, simulated risk.

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