

Subjective Bayesian analysis on elliptical models

by

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Abstract

In this paper we will derive Bayes estimators for the parameters of the multivariate elliptically contoured distribution by using subjective Bayesian analysis. Fang and Li (1999) considered the elliptical model for Bayesian analysis but with an objective prior structure. The joint and marginal posterior distributions are derived in this study as well as the Bayes estimators of the location vector and some functions of the characteristic matrix.

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