Research Title   Inference of Population Mean by Bayesian Method

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Abstract

This   project   is to study the   statistical   inference   by Bayesian method. Bayesian inference   needs   prior   information   of the studied population and more information from its sample.   The final   result gives posterior information which can conclude   about population.

In case of either known, unknown population variance   or vaque prior information, it is found that the square   error   loss function of Bayesian inference can be used as good as the well-known inference.