
Spatial Analysis of Crime Hotspots using Scan Statistics

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ABSTRACT

A crime is any act that violates a law which results in punishment. Crime is an illegal activity that is prohibited by law. In this study our aim is to investigate the major crime rate district or hotspots with respect to different crime heads in Bihar, India. For identification of clusters of high crime rates the techniques of spatial scan statistics through likelihood ratio tests(LRT) has been used. Secondary datasets are used for the analysis which is published by the Bihar Police, Govt. of Bihar.