Islamic Azad University-Ahar Branch
Geographic Space
An Approved Scientific, Research-based Quarterly

Jafar Mirkatouli[1]
Mahmud Eyvazloo[2]
Fereshteh Rezayi[3]
Davood Eyvazloo[4]

The Analyses of Population Structure Function on Spatial Distribution of Crime in Urban Regions Case Study: Mashhad Metropolis

Date received: 8 May 2011 Date accepted: 6 May 2012

Abstract

Crime is a social phenomenon that cultural, social, economicand evenenvironmental factors are effectiveonthe incidence of it. So better understanding and explanation of crime and criminal behavior in society is essential in connection with these factors. One of the most important issues in crime analyses is crime site. But as regard that geographicall ocation in relation with economic, socialand cultural inequality are effective in the incident of specific crime in those area, so disharmonyand spatial inconsistency in population structure can be effective in urban insecurity and formation of stability and security indifferent urban areas. In this paper spatial analysis of influence ofpopulationstructureon theincidence ofcrime in the urban regions of Mashhad metropolis as a second largest metropolis in the country. has been regarded The research method used, is descriptive-analyze and in order to

1 - Faculty member of GolestanUniversity, Gorgan
2 - PH.D student of urban planning & geography، University of Esfahan
3 - M.A student of urban planning & geography،Payam-e Noor University، Sari
4- M.A student of urban planning & geography University of Tehran

[Downloaded from geographical-space.iau-ahar.ac.ir on 2026-10-31]

analyzing the population structure indicators in three population, cultural-social and economic groups and the condition of spatial distribution of offenders with 6 types of crime has been analyze. Also in order to analyze the relationship between the variables with using SPSS software, related statistical tests is done and to display the spatial distribution of offenders and the rate of population spatial equilibrium at the urban regions has been used of GIS software. The research results indicates a significant correlation between population structure and being prone to crimeof the regions.

Keywords: Spatial Contrast, Security, Population Structure, Crimes, Mashhad.

[Downloaded from geographical-space.iau-ahar.ac.ir on 2026-10-31]