

Resource Summary Report

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CrimeStat

RRID:SCR_014243

Type: Tool

Proper Citation

CrimeStat (RRID:SCR_014243)

Resource Information

URL: <http://www.icpsr.umich.edu/CrimeStat/about.html>

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Description: A spatial statistics program which provides tools for crime mapping and analyzing crime incident locations. CrimeStat is organized into five sections: data setup, which arranges and organizes the location data; spatial description, which performs analyses such as spatial distribution, spatial autocorrelation, and distance and hot spot analysis; spatial modeling, which performs a number of analyses such as Bayesian journey to crime analysis and space-time analysis; crime travel demand modeling, which detects crime patterns and correlations over time and space; and CrimeStat libraries, which are component objects that include all of the routines that were developed through version 2.0 of the regular CrimeStat program.

Resource Type: data analysis software, data processing software, software application, software resource

Keywords: spacial statistics, data analysis software, crime mapping, crime incident location

Funding: National Institute of Justice 1997-IJ-CX-0040;
National Institute of Justice 1999-IJ-CX-0044;
National Institute of Justice 2002-IJ-CX-0007;
National Institute of Justice 2005-IJ-CX-K037

Availability: Distributed freely for educational or research purposes, May not be re-sold, Acknowledgement requested

Resource Name: CrimeStat

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Alternate URLs: <http://nij.gov/topics/technology/maps/pages/crimestat.aspx>

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260905T132744+0000

Ratings and Alerts

No rating or validation information has been found for CrimeStat.

No alerts have been found for CrimeStat.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Narang R, et al. (2022) Scrub typhus in urban areas of Wardha district in central India. The Indian journal of medical research, 156(3), 435.

Guerra SS, et al. (2022) Tell me where you went, I may tell who you infected. Jornal brasileiro de pneumologia : publicacao oficial da Sociedade Brasileira de Pneumologia e Tisilogia, 48(4), e20220099.

Gasca-Sanchez FM, et al. (2021) Spatial interaction between breast cancer and environmental pollution in the Monterrey Metropolitan Area. Heliyon, 7(9), e07915.

Marchowski D, et al. (2020) Effectiveness of the European Natura 2000 network to sustain a specialist wintering waterbird population in the face of climate change. Scientific reports, 10(1), 20286.

Gasca-Sanchez FM, et al. (2019) Spatial Clusters of Children with Cleft Lip and Palate and Their Association with Polluted Zones in the Monterrey Metropolitan Area. International journal of environmental research and public health, 16(14).

Drake SA, et al. (2019) Individual and community characteristics associated with premature natural and drug-related deaths in 25-59 year old decedents. PloS one, 14(2), e0212026.

Clow KM, et al. (2017) Northward range expansion of Ixodes scapularis evident over a short timescale in Ontario, Canada. PloS one, 12(12), e0189393.

Dann LM, et al. (2016) Distributions of Virus-Like Particles and Prokaryotes within Microenvironments. PloS one, 11(1), e0146984.

Ogneva-Himmelberger Y, et al. (2015) Using Geographic Information Science to Explore Associations between Air Pollution, Environmental Amenities, and Preterm Births. AIMS

public health, 2(3), 469.

Dann LM, et al. (2014) Virio- and bacterioplankton microscale distributions at the sediment-water interface. PloS one, 9(7), e102805.

Paschoal JA, et al. (2013) Identification of urban leprosy clusters. TheScientificWorldJournal, 2013, 219143.

Lai PC, et al. (2009) Spatial analysis of falls in an urban community of Hong Kong. International journal of health geographics, 8, 14.

Li L, et al. (2009) Temporal and spatial stability of Anopheles gambiae larval habitat distribution in Western Kenya highlands. International journal of health geographics, 8, 70.

Sherman JE, et al. (2005) A suite of methods for representing activity space in a healthcare accessibility study. International journal of health geographics, 4, 24.