Resource Summary Report

Generated by RRID on Aug 5, 2026

GeoDa

RRID:SCR_018559
Type: Tool

Proper Citation

GeoDa (RRID:SCR_018559)

Resource Information

URL: https://geodacenter.github.io/

Proper Citation: GeoDa (RRID:SCR_018559)

Description: Software program for spatial analysis for non geographic information systems specialists. Includes functionality ranging from simple mapping to exploratory data analysis, visualization of global and local spatial autocorrelation, and spatial regression.

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

Defining Citation: DOI:10.1111/j.0016-7363.2005.00671.x

Keywords: Spatial analysis, data analysis, spatial autocorrelation visualization, spatial regression, mapping

Funding: NSF BCS 9978058;
NCI R01 CA95949

Availability: Free, Freely available

Resource Name: GeoDa

Resource ID: SCR_018559

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260805T044422+0000

Ratings and Alerts

No rating or validation information has been found for GeoDa.

No alerts have been found for GeoDa.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 192 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Zhang Y, et al. (2026) Exploring the impact of urban vitality on carbon emission mechanisms using multi-source data. Scientific reports, 16(1), 294.

Torres-Roman JS, et al. (2025) Liver Cancer Mortality Rates in Peru: Trend Analysis from 2003 to 2017. Asian Pacific journal of cancer prevention : APJCP, 26(2), 435.

Snider-Hoy NG, et al. (2025) Social-Environmental Burden Is Associated with Increased Colorectal Cancer Mortality in Metropolitan Detroit. Cancer research communications, 5(4), 694.

Movahedi Nia Z, et al. (2025) Disproportionate impact of the COVID-19 pandemic on socially vulnerable communities: the case of Jane and Finch in Toronto, Ontario. Frontiers in public health, 13, 1448812.

Zhou J, et al. (2025) Spatio-temporal distribution characteristics and driving factors of forest land in the Da-Xiao Liangshan mountains based on topographic gradient. Scientific reports, 15(1), 7501.

Sandon L, et al. (2025) Association between landscape transformation and the Chagas disease vector dynamics in a rural area with continuous surveillance and control. Parasites & vectors, 18(1), 203.

Liang J, et al. (2025) Spatiotemporal effects of urban micro-scale built environment on cardiovascular diseases. Scientific reports, 15(1), 17193.

Larrabee Sonderlund A, et al. (2025) County Incarceration Rate and Stroke Death: A Cross-Sectional Study of the Influence of Physical Environment, Health Care Access, and Community Mental Distress. Journal of the American Heart Association, 14(10), e039065.

Jaimes-Buitron PA, et al. (2025) A spatiotemporal analysis of opioid prescriptions in Indiana from 2015 to 2019. Substance abuse treatment, prevention, and policy, 20(1), 30.

Liu H, et al. (2025) Spatial-temporal characteristics and driving factors of the coupling coordination between primary health care and socioeconomic development: a case study of Beijing, China. BMC public health, 25(1), 3924.

Palacios Rodríguez OA, et al. (2025) Spatial Epidemiology of Human Papillomavirus Screening Coverage in Mexico, 2013-2019. Asian Pacific journal of cancer prevention : APJCP, 26(1), 215.

Li Y, et al. (2025) Application of machine learning in soil heavy metals pollution assessment in the southeastern Tibetan plateau. Scientific reports, 15(1), 13579.

Mahato RK, et al. (2025) Spatial distribution and cluster analysis of road traffic accidents in Nepal. PloS one, 20(8), e0331333.

Ibrahim M, et al. (2025) Unlocking insights from complex data: Leveraging heat maps for decision-making in LMIC. PloS one, 20(9), e0332394.

Chowdhury MDT, et al. (2025) Assessing regional variations and sociodemographic barriers in the progress toward UNAIDS 95-95-95 targets in Zimbabwe. Communications medicine, 5(1), 106.

Liu H, et al. (2025) Driving force analysis and multi-scenario simulation of landscape ecological risk in the Jianghan Plain, China. Scientific reports, 15(1), 1480.

Garollo Piran CM, et al. (2025) Target 95-95-95 during childhood and pre-adolescence in Latin America and the Caribbean. Revista Cuidarte, 16(1), e4186.

Zhang T, et al. (2025) Analyzing cropland fragmentation evolution and driving mechanisms in Shandong through MSPA and landscape metrics integration. Scientific reports, 15(1), 21437.

Jin A, et al. (2025) Spatiotemporal assessment of ecological quality and driving mechanisms in the Beijing metropolitan area. Scientific reports, 15(1), 13136.

Endehabtu BF, et al. (2025) Spatial disparities in zero-dose vaccination coverage for children aged 12-23 months in Ethiopia: A geographically weighted regression analysis. PloS one, 20(9), e0332162.