

Resource Summary Report

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geocoding

RRID:SCR_016007

Type: Tool

Proper Citation

geocoding (RRID:SCR_016007)

Resource Information

URL: <https://github.com/ABCD-STUDY/geocoding>

Proper Citation: geocoding (RRID:SCR_016007)

Description: Software that uses a geo-location database to determine individuals' residential environment in Adolescent Brain Cognitive Development (ABCD) study. It performs queries given individuals' residential history in longitude and latitude.

Synonyms: ABCD geocoding, ABCD geocoding project, geocoding project

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

Keywords: software, data, analysis, geo-location, residential, environment, abcd, study

Funding: NIDA U24 DA041123

Availability: Free, Available for download

Resource Name: geocoding

Resource ID: SCR_016007

License: MIT License

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260801T042754+0000

Ratings and Alerts

No rating or validation information has been found for geocoding.

No alerts have been found for geocoding.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Johnson HK, et al. (2025) Comparing Esri ArcGIS and SAS Geocoding Approaches: Test case with 3,238 Wisconsin addresses. medRxiv : the preprint server for health sciences.

Väisänen T, et al. (2025) Mobility of Erasmus+ students in Europe: Geolocated individual and aggregate mobility flows from 2014 to 2022. Scientific data, 12(1), 489.

Gerdes G, et al. (2025) Socioeconomic and geographic disparities in psychiatric outcomes under Colombia's universal healthcare system. Psychological medicine, 55, e310.

Colmenares-Mejía CC, et al. (2025) SARS-CoV-2 antibodies in Colombian urban area: follow-up on occupational groups. Revista Cuidarte, 16(2), e4029.

Gusoff GM, et al. (2025) Pursuing healthy homeownership: an evaluation of the neighborhood health trajectories of shared equity homeowners. BMC public health, 25(1), 11.

Jones AL, et al. (2025) Health Disparities in Exercise Performance in Patients with Repaired Tetralogy of Fallot. Pediatric cardiology, 46(8), 2513.

Rodriguez HP, et al. (2024) Accountable care organization changes in equity of ambulatory care quality by patient race and ethnicity, 2019-2022. Health affairs scholar, 2(12), qxae155.

Arce AN, et al. (2023) Signatures of increasing environmental stress in bumblebee wings over the past century: Insights from museum specimens. The Journal of animal ecology, 92(2), 297.

Peng Q, et al. (2021) Geographical Variation of COPD Mortality and Related Risk Factors in Jiading District, Shanghai. Frontiers in public health, 9, 627312.

Bazarragchaa E, et al. (2021) Efficacy of Oral Vaccine against Classical Swine Fever in Wild Boar and Estimation of the Disease Dynamics in the Quantitative Approach. Viruses, 13(2).

Pérez-Edgar K, et al. (2021) Study Protocol: Longitudinal Attention and Temperament Study. Frontiers in psychiatry, 12, 656958.

Fan CC, et al. (2021) Adolescent Brain Cognitive Development (ABCD) study Linked External Data (LED): Protocol and practices for geocoding and assignment of environmental data. Developmental cognitive neuroscience, 52, 101030.

Tseng TS, et al. (2021) Use of Geographic Information System Technology to Evaluate Health Disparities in Smoking Cessation Class Accessibility for Patients in Louisiana Public Hospitals. *Frontiers in public health*, 9, 712635.

Amadou A, et al. (2020) Chronic Low-Dose Exposure to Xenoestrogen Ambient Air Pollutants and Breast Cancer Risk: XENAIR Protocol for a Case-Control Study Nested Within the French E3N Cohort. *JMIR research protocols*, 9(9), e15167.

Hasegawa S, et al. (2020) Changing Emotions About Fukushima Related to the Fukushima Nuclear Power Station Accident-How Rumors Determined People's Attitudes: Social Media Sentiment Analysis. *Journal of medical Internet research*, 22(9), e18662.

Azam MF, et al. (2019) Global Genetics Research in Prostate Cancer: A Text Mining and Computational Network Theory Approach. *Frontiers in genetics*, 10, 70.

Wang L, et al. (2019) Impact of High-Density Urban Built Environment on Chronic Obstructive Pulmonary Disease: A Case Study of Jing'an District, Shanghai. *International journal of environmental research and public health*, 17(1).

Wang S, et al. (2018) Prediction of Lime Tolerance in *Rhododendron* Based on Herbarium Specimen and Geochemical Data. *Frontiers in plant science*, 9, 1538.

Brokamp C, et al. (2018) Decentralized and reproducible geocoding and characterization of community and environmental exposures for multisite studies. *Journal of the American Medical Informatics Association : JAMIA*, 25(3), 309.

Kim SY, et al. (2017) Historical Prediction Modeling Approach for Estimating Long-Term Concentrations of PM_{2.5} in Cohort Studies before the 1999 Implementation of Widespread Monitoring. *Environmental health perspectives*, 125(1), 38.