

Resource Summary Report

Generated by PRECISE-TBI on Sep 17, 2026

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, data analytics software, data processing software, software application, software resource

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: 20260912T195834+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 [PRECISE-TBI](#) .

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.

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*.

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

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

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.

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.

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.

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.

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.

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.