

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 28, 2026

EHRtemporalVariability

RRID:SCR_018663

Type: Tool

Proper Citation

EHRtemporalVariability (RRID:SCR_018663)

Resource Information

URL: <https://github.com/hms-dbmi/EHRtemporalVariability>

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Description: Software R package for delineating temporal dataset shifts in electronic health records. Functions to delineate temporal dataset shifts in electronic health records through projection and visualization of dissimilarities among data temporal batches. Enables exploration and identification of dataset shifts, contributing to broadly examine and repurpose large, longitudinal datasets. Used to help ensure reliable data reuse to biomedical data users.

Synonyms: Electronic Health Records temporal variability

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

Defining Citation: [DOI:10.1101/2020.04.07.20056564](https://doi.org/10.1101/2020.04.07.20056564)

Keywords: Delineating temporal data set shift, data set shift, electronic health record, temporal variability, delineate temporal data set shift, data dissimilarities, reliable data reuse, examine data set, biomedical data reuse, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: EHRtemporalVariability

Resource ID: SCR_018663

Alternate IDs: biotools:ehrtemporalvariability

Alternate URLs: <https://cran.r-project.org/web/packages/EHRtemporalVariability/readme/README.html>,
<https://bio.tools/ehrtemporalvariability>

License: Apache License 2.0

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260727T040716+0000

Ratings and Alerts

No rating or validation information has been found for EHRtemporalVariability.

No alerts have been found for EHRtemporalVariability.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhou L, et al. (2022) Subphenotyping of Mexican Patients With COVID-19 at Preadmission To Anticipate Severity Stratification: Age-Sex Unbiased Meta-Clustering Technique. JMIR public health and surveillance, 8(3), e30032.

Aerts H, et al. (2021) Quality of Hospital Electronic Health Record (EHR) Data Based on the International Consortium for Health Outcomes Measurement (ICHOM) in Heart Failure: Pilot Data Quality Assessment Study. JMIR medical informatics, 9(8), e27842.

S??ez C, et al. (2020) EHRtemporalVariability: delineating temporal data-set shifts in electronic health records. GigaScience, 9(8).