Resource Summary Report

Generated by NIF on May 25, 2025

RHRV

RRID:SCR_023329
Type: Tool

Proper Citation

RHRV (RRID:SCR_023329)

Resource Information

URL: https://rhrv.r-forge.r-project.org/

Proper Citation: RHRV (RRID:SCR_023329)

Description: Software R package for developing heart rate variability analysis. Allows to import data files containing heartbeat positions in broadly used formats; eliminating outliers or spurious points present in time series with unacceptable physiological values; plotting HRV data and performing time domain, frequency domain and nonlinear HRV analysis.

Synonyms: R Heart Rate Variability

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

Defining Citation: PMID:20674067

Keywords: variability of physical quality, import data files, heartbeat positions, plotting HRV data, frequency domain and nonlinear HRV analysis,

Funding:

Availability: Free, Available for download, Freely available

Resource Name: RHRV

Resource ID: SCR_023329

Alternate URLs: https://CRAN.R-project.org/package=RHRV

License: GPL-2

Record Creation Time: 20230308T050206+0000

Record Last Update: 20250525T031954+0000

Ratings and Alerts

No rating or validation information has been found for RHRV.

No alerts have been found for RHRV.

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 NIF.

Spooner R, et al. (2024) Exploring sex differences in cardiac interoceptive accuracy using the phase adjustment task. Psychophysiology, 61(12), e14689.

Hai HB, et al. (2024) Heart Rate Variability Measured from Wearable Devices as a Marker of Disease Severity in Tetanus. The American journal of tropical medicine and hygiene, 110(1), 165.

Rietz M, et al. (2024) Facilitating ambulatory heart rate variability analysis using accelerometry-based classifications of body position and self-reported sleep. Physiological measurement, 45(5).