

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

nonparametricGGC_toolbox

RRID:SCR_016539

Type: Tool

Proper Citation

nonparametricGGC_toolbox (RRID:SCR_016539)

Resource Information

URL: <https://doi.org/10.1016/j.neuroimage.2018.07.046>

Proper Citation: nonparametricGGC_toolbox (RRID:SCR_016539)

Description: Software package for simulation framework and codes for estimating nonparametric Granger causality. Used to study brain functions.

Abbreviations: nonparametricGGC

Synonyms: nonparametric Granger Geweke Causality

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

Keywords: nonparametric, Granger, causality, simulation, framework, code, estimate, brain, function

Funding: the Swiss National Science Foundation

Availability: Free, Available for download, Freely available

Resource Name: nonparametricGGC_toolbox

Resource ID: SCR_016539

Record Creation Time: 20220129T080331+0000

Record Last Update: 20260821T194052+0000

Ratings and Alerts

No rating or validation information has been found for nonparametricGGC_toolbox.

No alerts have been found for nonparametricGGC_toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Pagnotta MF, et al. (2018) Assessing the performance of Granger-Geweke causality: Benchmark dataset and simulation framework. Data in brief, 21, 833.

Pagnotta MF, et al. (2018) Benchmarking nonparametric Granger causality: Robustness against downsampling and influence of spectral decomposition parameters. NeuroImage, 183, 478.