

# Resource Summary Report

Generated by SPARC SAWG on Jul 28, 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:** software application, software resource, data processing software, data analysis software

**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:** 20260728T043524+0000

### Ratings and Alerts

No rating or validation information has been found for nonparametricGGC\_toolbox.

No alerts have been found for nonparametricGGC\_toolbox.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.