

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 28, 2026

## Brainwaver

RRID:SCR\_009540

Type: Tool

### Proper Citation

Brainwaver (RRID:SCR\_009540)

### Resource Information

**URL:** <https://cran.r-project.org/src/contrib/Archive/brainwaver/>

**Proper Citation:** Brainwaver (RRID:SCR\_009540)

**Description:** Characterization of small-world networks constructed from wavelet analysis of resting fMRI. This package is currently available as an R library. Future development will take place within the CamBA software repository

**Abbreviations:** Brainwaver

**Resource Type:** software resource

**Keywords:** reusable library, linux, macos, magnetic resonance, other unix-like, posix/unix-like, fmri

**Availability:** GNU General Public License

**Resource Name:** Brainwaver

**Resource ID:** SCR\_009540

**Alternate IDs:** nlx\_155719

**Alternate URLs:** <http://www.nitrc.org/projects/brainwaver>

**Old URLs:** <http://www.wbic.cam.ac.uk/~sa428/brainwaver/>, <https://cran.r-project.org/web/packages/brainwaver/index.html>

**Record Creation Time:** 20220129T080253+0000

**Record Last Update:** 20260725T190656+0000

### Ratings and Alerts

No rating or validation information has been found for Brainwaver.

No alerts have been found for Brainwaver.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Wirsich J, et al. (2020) Multi-timescale hybrid components of the functional brain connectome: A bimodal EEG-fMRI decomposition. *Network neuroscience* (Cambridge, Mass.), 4(3), 658.

Keller B, et al. (2020) Genomic Prediction of Agronomic Traits in Common Bean (*Phaseolus vulgaris* L.) Under Environmental Stress. *Frontiers in plant science*, 11, 1001.

Malagurski B, et al. (2019) Topological disintegration of resting state functional connectomes in coma. *NeuroImage*, 195, 354.

Coe EA, et al. (2019) The MITF-SOX10 regulated long non-coding RNA DIRC3 is a melanoma tumour suppressor. *PLoS genetics*, 15(12), e1008501.

Bido-Medina R, et al. (2018) Impact of Zika Virus on adult human brain structure and functional organization. *Annals of clinical and translational neurology*, 5(6), 752.

Takagi K, et al. (2017) A distribution model of functional connectome based on criticality and energy constraints. *PloS one*, 12(5), e0177446.

V??rtes PE, et al. (2016) Gene transcription profiles associated with inter-modular hubs and connection distance in human functional magnetic resonance imaging networks. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*, 371(1705).

Wirsich J, et al. (2016) Whole-brain analytic measures of network communication reveal increased structure-function correlation in right temporal lobe epilepsy. *NeuroImage. Clinical*, 11, 707.