

Resource Summary Report

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Toolbox for Representational Similarity Analysis

RRID:SCR_019029

Type: Tool

Proper Citation

Toolbox for Representational Similarity Analysis (RRID:SCR_019029)

Resource Information

URL: <http://www.mrc-cbu.cam.ac.uk/methods-and-resources/toolboxes/license/>

Proper Citation: Toolbox for Representational Similarity Analysis (RRID:SCR_019029)

Description: Software Matlab toolbox to perform representational similarity analysis for neural data.

Synonyms: RSA toolbox

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

Defining Citation: [PMID:24743308](#)

Keywords: Representational similarity analysis, data analysis, data, neural data

Funding: European Research Council Advanced Grant ;
European Research Council Starting Grant ;
UK Medical Research Council

Availability: Free, Available for download, Freely available

Resource Name: Toolbox for Representational Similarity Analysis

Resource ID: SCR_019029

License: GNU Lesser GPL

Record Creation Time: 20220129T080343+0000

Record Last Update: 20260912T195909+0000

Ratings and Alerts

No rating or validation information has been found for Toolbox for Representational Similarity Analysis.

No alerts have been found for Toolbox for Representational Similarity Analysis.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Qu Y, et al. (2026) Development of non-spatial grid-like neural codes tracks inference and intelligence. *Cell*, 189(10), 3091.

Yang Y, et al. (2025) Time-dependent consolidation mechanisms of durable memory in spaced learning. *Communications biology*, 8(1), 535.

Miller TD, et al. (2025) CA2/3-dependent stability of frontal mnemonic representations predict episodic deficits in human amnesia. *Cell reports*, 44(11), 116527.

Wencheng W, et al. (2023) Visual number sense for real-world scenes shared by deep neural networks and humans. *Heliyon*, 9(8), e18517.

Zarr N, et al. (2023) Foundations of human spatial problem solving. *Scientific reports*, 13(1), 1485.

Carota F, et al. (2021) Distinct fronto-temporal substrates of distributional and taxonomic similarity among words: evidence from RSA of BOLD signals. *NeuroImage*, 224, 117408.

Rosenthal IA, et al. (2021) Color Space Geometry Uncovered with Magnetoencephalography. *Current biology : CB*, 31(3), 515.

Evensmoen HR, et al. (2021) Allocentric representation in the human amygdala and ventral visual stream. *Cell reports*, 34(3), 108658.

O'Neil EB, et al. (2019) Examining the representational content of perirhinal cortex and posterior ventral visual pathway regions when maintenance of visual information is interrupted. *Cortex; a journal devoted to the study of the nervous system and behavior*, 121, 16.