

Resource Summary Report

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NeuroVault

RRID:SCR_003806

Type: Tool

Proper Citation

NeuroVault (RRID:SCR_003806)

Resource Information

URL: <http://neurovault.org/>

Proper Citation: NeuroVault (RRID:SCR_003806)

Description: Data repository where researchers can publicly store and share unthresholded statistical brain activation maps produced by MRI and PET studies.

Synonyms: NeuroVault - A public repository of unthresholded brain activation maps

Resource Type: storage service resource, data repository, service resource

Keywords: neuroimaging, fmri, mri, functional mri assay, pet, brain activation map, brain, statistical map, neuroimaging repository

Funding: International Neuroinformatics Coordinating Facility ;
Max-Planck-Gesellschaft ;
Max Planck Institute for Human Cognitive and Brain Sciences; Leipzig; Germany

Availability: Creative Commons Zero License

Resource Name: NeuroVault

Resource ID: SCR_003806

Alternate IDs: nlx_158106, r3d100012842

Alternate URLs: <http://neurovault.org/api>, <https://doi.org/10.17616/R31NJMEI>

Record Creation Time: 20220129T080221+0000

Record Last Update: 20260808T185804+0000

Ratings and Alerts

No rating or validation information has been found for NeuroVault.

No alerts have been found for NeuroVault.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 363 mentions in open access literature.

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

Malén T, et al. (2026) Striatal dopamine synthesis capacity in Parkinson's disease: Effects of age, sex, and body mass index in a large [18F]fluorodopa PET cohort. *NeuroImage. Clinical*, 49, 103944.

Lakhani NV, et al. (2026) A meta-analysis of neural systems underlying delay discounting: Implications for transdiagnostic research. *Imaging neuroscience (Cambridge, Mass.)*, 4.

van den Heuvel MP, et al. (2026) Investigating the methodological foundation of lesion network mapping. *Nature neuroscience*, 29(5), 1237.

Segura P, et al. (2026) Connectome-based symptom mapping and in silico related gene expression in children with autism and/or attention-deficit/hyperactivity disorder. *Molecular psychiatry*, 31(1), 282.

Flannery JS, et al. (2026) Striatal Prediction Error Tracking Moderates the Influence of Social Exposure on Adolescent Substance Use Curiosity. *Human brain mapping*, 47(8), e70545.

Stewart BW, et al. (2026) The human claustrum supports cognitive networks for externally and internally driven task demands. *PLoS biology*, 24(6), e3003843.

Viola LM, et al. (2026) Mapping the Functional Boundaries of the Speech Articulation Network Using Positive and Negative Direct Electrical Stimulation With Resting-State Functional MRI. *Neurosurgery*, 98(3), 577.

Zhang M, et al. (2026) Sender-receiver subdivisions of the default mode network in perceptual and memory-guided cognition. *Proceedings of the National Academy of Sciences of the United States of America*, 123(15), e2528851123.

Song H, et al. (2026) Geometry of neural dynamics along the cortical attractor landscape reflects changes in attention. *Nature communications*, 17(1).

Shao X, et al. (2026) The Neural Processes Underpinning Flexible Semantic Retrieval in Visual and Auditory Modalities. *Human brain mapping*, 47(6), e70536.

Kaufmann LK, et al. (2025) Surgery-induced reduction in inflammation relates to improved neural inhibitory control in obesity. *Brain, behavior, and immunity*, 129, 829.

Gong L, et al. (2025) Sex-Specific Entorhinal Cortex Functional Connectivity in Cognitively Normal Older Adults with Amyloid- β Pathology. *Molecular neurobiology*, 62(1), 475.

Quah SKL, et al. (2025) A data-driven latent variable approach to validating the research domain criteria framework. *Nature communications*, 16(1), 830.

Joshy M, et al. (2025) Disrupted Coupling Between Cerebral Glucose Metabolism and Intrinsic Functional Connectivity: A Hybrid PET/fMRI Study on Frontotemporal Dementia. *Human brain mapping*, 46(15), e70388.

Mckeown B, et al. (2025) Self-reports map the landscape of task states derived from brain imaging. *Communications psychology*, 3(1), 8.

Wu CH, et al. (2025) Perfusion dynamics in reversible cerebral vasoconstriction syndrome. *The journal of headache and pain*, 26(1), 246.

Souter NE, et al. (2025) Comparing the carbon footprint of fMRI data processing and analysis approaches. *Imaging neuroscience (Cambridge, Mass.)*, 3.

Maas B, et al. (2025) Complex Patterns of Altered White Matter Structural Connectivity within a 'subjective valuation network' in Treatment-Resistant Depression. *bioRxiv : the preprint server for biology*.

Varga DK, et al. (2025) Hippocampal mismatch signals are based on episodic memories and not schematic knowledge. *Proceedings of the National Academy of Sciences of the United States of America*, 122(34), e2503535122.

Peng LN, et al. (2025) Enhancing Neurocognitive Health via Activity, Nutrition and Cognitive Exercise (ENHANCE): A Randomized Controlled Trial. *Journal of cachexia, sarcopenia and muscle*, 16(3), e13830.