

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

Nonparametric Prediction Activation Influence Reproducibility re-Sampling

RRID:SCR_013619

Type: Tool

Proper Citation

Nonparametric Prediction Activation Influence Reproducibility re-Sampling
(RRID:SCR_013619)

Resource Information

URL: <https://code.google.com/p/plsnpairs/>

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Description: The NPAIRS (Nonparametric, Prediction, Activation, Influence, Reproducibility, re-Sampling) package provides a statistical resampling framework with GLM, PCA and CVA data analysis options forming the basic building blocks for benchmarking and comparing data processing choices and preprocessing pipelines using prediction and reproducibility performance metrics. The distribution package also includes flexible visualization and plotting tools for displaying the results of NPAIRS analyses. :

Synonyms: NPAIRS

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

Resource Name: Nonparametric Prediction Activation Influence Reproducibility re-Sampling

Resource ID: SCR_013619

Alternate IDs: nif-0000-00338

Old URLs: <http://neurovia.umn.edu/distrib/npairs.html>

Record Creation Time: 20220129T080317+0000

Record Last Update: 20260912T195806+0000

Ratings and Alerts

No rating or validation information has been found for Nonparametric Prediction Activation Influence Reproducibility re-Sampling.

No alerts have been found for Nonparametric Prediction Activation Influence Reproducibility re-Sampling.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Koenig LN, et al. (2026) Plasma p-tau217 and glucose metabolism correlate in neocortical association areas in Alzheimer's disease. Brain communications, 8(2), fcag074.

Nerattini M, et al. (2026) Quantitative and simplified [18F] fluoroestradiol positron emission tomography (PET) measures of brain estrogen receptor expression. European journal of nuclear medicine and molecular imaging, 53(2), 1155.

Mosconi L, et al. (2024) In vivo brain estrogen receptor density by neuroendocrine aging and relationships with cognition and symptomatology. Scientific reports, 14(1), 12680.

Mosconi L, et al. (2023) In vivo Brain Estrogen Receptor Expression By Neuroendocrine Aging And Relationships With Gray Matter Volume, Bio-Energetics, and Clinical Symptomatology. Research square.

Epelbaum S, et al. (2022) Pilot study of repeated blood-brain barrier disruption in patients with mild Alzheimer's disease with an implantable ultrasound device. Alzheimer's research & therapy, 14(1), 40.

Talwar N, et al. (2020) Functional magnetic resonance imaging of the trail-making test in older adults. PloS one, 15(5), e0232469.

Deng ID, et al. (2019) Functional MRI of Letter Cancellation Task Performance in Older Adults. Frontiers in human neuroscience, 13, 97.

Talwar NA, et al. (2019) The Neural Correlates of the Clock-Drawing Test in Healthy Aging. Frontiers in human neuroscience, 13, 25.

Tuckute G, et al. (2019) Single-Trial Decoding of Scalp EEG under Natural Conditions. Computational intelligence and neuroscience, 2019, 9210785.

Karimpoor M, et al. (2018) Functional MRI of Handwriting Tasks: A Study of Healthy Young Adults Interacting with a Novel Touch-Sensitive Tablet. Frontiers in human neuroscience, 12, 30.

Matthews DC, et al. (2018) FDG PET Parkinson's disease-related pattern as a biomarker for clinical trials in early stage disease. *NeuroImage. Clinical*, 20, 572.

Karimpoor M, et al. (2017) Tablet-Based Functional MRI of the Trail Making Test: Effect of Tablet Interaction Mode. *Frontiers in human neuroscience*, 11, 496.

N??rgaard M, et al. (2017) Brain Networks Implicated in Seasonal Affective Disorder: A Neuroimaging PET Study of the Serotonin Transporter. *Frontiers in neuroscience*, 11, 614.

Matthews DC, et al. (2016) Dissociation of Down syndrome and Alzheimer's disease effects with imaging. *Alzheimer's & dementia (New York, N. Y.)*, 2(2), 69.

Morrison MA, et al. (2016) Reliability of Task-Based fMRI for Preoperative Planning: A Test-Retest Study in Brain Tumor Patients and Healthy Controls. *PloS one*, 11(2), e0149547.

Churchill NW, et al. (2015) An Automated, Adaptive Framework for Optimizing Preprocessing Pipelines in Task-Based Functional MRI. *PloS one*, 10(7), e0131520.