SPM

RRID:SCR_007037
Type: Tool

Proper Citation

SPM (RRID:SCR_007037)

Resource Information

URL: https://github.com/spm

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Description: Software package for analysis of brain imaging data sequences. Sequences can be a series of images from different cohorts, or time-series from same subject. Current release is designed for analysis of fMRI, PET, SPECT, EEG and MEG.

Abbreviations: SPM

Synonyms: Statistical Parametric Mapping, SPM5, SPM2, SPM12, Statistical Parametric Mapping Software, SPM99, SPM8, SPM, SPM96

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

Keywords: analysis, brain, imaging, data, sequence, fMRI, PET, SPECT, EEG, MEG, bio.tools

Availability: Free, Available for download, Freely available

Resource Name: SPM

Resource ID: SCR_007037

Alternate IDs: biotools:SPM

Alternate URLs: https://github.com/spm/spm12, https://bio.tools/SPM
Old URLs: https://www.fil.ion.ucl.ac.uk/spm/

Record Creation Time: 20220129T080239+0000

Record Last Update: 20240702T053513+0000

Ratings and Alerts

- 4 / 5 (49 votes) Rated at NITRC http://www.nitrc.org/projects/spm

No alerts have been found for SPM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 8545 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Jeong SH, et al. (2024) Different effect of hypo- and hypermetabolism on cognition in dementia with Lewy bodies: are they coupled or independent? NPJ Parkinson's disease, 10(1), 4.


Buller-Peralta I, et al. (2024) Comprehensive allostatic load risk index is associated with increased frontal and left parietal white matter hyperintensities in mid-life cognitively healthy adults. Scientific reports, 14(1), 573.


Zapater-Fajarí M, et al. (2024) Biomarkers of Alzheimer's Disease and Cerebrovascular Disease in Relation to Depressive Symptomatology in Individuals With Subjective Cognitive Decline. The journals of gerontology. Series A, Biological sciences and medical sciences, 79(2).

Cai M, et al. (2024) Structural Network Efficiency Predicts Conversion to Incident Parkinsonism in Patients With Cerebral Small Vessel Disease. The journals of gerontology. Series A, Biological sciences and medical sciences, 79(1).


Wulms N, et al. (2024) Cerebral MRI in a prospective cohort study on depression and atherosclerosis: the BiDirect sample, processing pipelines, and analysis tools. European radiology experimental, 8(1), 16.

