

Resource Summary Report

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NiiStat

RRID:SCR_014152

Type: Tool

Proper Citation

NiiStat (RRID:SCR_014152)

Resource Information

URL: <http://www.nitrc.org/projects/niistat/>

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Description: A set of Matlab scripts for analyzing neuroimaging data from clinical populations. The NiiStat tools are designed to correlate behavioral data (task performance) with brain imaging data.

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

Keywords: matlab script, source code, data analysis, neuroimaging data, clinical population

Availability: Available to the research community

Resource Name: NiiStat

Resource ID: SCR_014152

Alternate URLs: <http://www.nitrc.org/plugins/mwiki/index.php/niistat:MainPage>

License: BSD License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260821T194012+0000

Ratings and Alerts

No rating or validation information has been found for NiiStat.

No alerts have been found for NiiStat.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 88 mentions in open access literature.

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

Naros G, et al. (2026) Voxel-based spatial distribution of intracranial meningioma subtypes and their relationship to radiogenomic maps. *Brain communications*, 8(1), fcag025.

Gorbachuk M, et al. (2026) Voxel-based evaluation of hemorrhage risk in brain biopsies. *Neurosurgical review*, 49(1), 175.

Eliassen TS, et al. (2026) Moderate and severe traumatic brain injury: lesion frequency distribution maps and prognostic importance of brain contusions on early MRI. *European radiology*, 36(5), 3518.

Jin L, et al. (2026) The onco-functional reorganization of language network underlying metaplasticity induced by gliomas. *Frontiers in oncology*, 16, 1850713.

Likitalo O, et al. (2026) Network Localization of Fatigue in Multiple Sclerosis. *Annals of clinical and translational neurology*, 13(4), 676.

Sperber C, et al. (2026) How covariate control can bias our insights into brain architecture and pathology. *Scientific reports*, 16(1).

Hess F, et al. (2025) Predictors and Implications of Myocardial Injury in Intracerebral Hemorrhage. *Clinical neuroradiology*, 35(2), 395.

Di Caro V, et al. (2025) The neural bases of the reach-grasp movement in humans: Quantitative evidence from brain lesions. *Proceedings of the National Academy of Sciences of the United States of America*, 122(10), e2419801122.

Kufner A, et al. (2025) Neuropsychiatric changes following striatal stroke- results from the observational PostPsyDis study. *Neurological research and practice*, 7(1), 32.

Reindl C, et al. (2025) The prognostic value of cortical stimulation induced seizures using stereo EEG in presurgical evaluation of focal epilepsies. *Scientific reports*, 15(1), 7941.

Huygelier H, et al. (2025) Post-stroke cognitive impairment: More than a lesion-symptom model. *Imaging neuroscience (Cambridge, Mass.)*, 3.

Gruber J, et al. (2025) Voxel-Based Lesion Symptom Mapping to Predict Poststroke Epilepsy After Mechanical Thrombectomy. *European journal of neurology*, 32(4), e70154.

Foit NA, et al. (2025) Linking Memory Impairment to Structural Connectivity in Extrahippocampal Temporal Lobe Epilepsy Surgery. *Neurology international*, 17(4).

Lugtmeijer S, et al. (2025) Visual feature processing in a large stroke cohort: evidence against modular organization. *Brain : a journal of neurology*, 148(4), 1144.

Kurteff GL, et al. (2025) Mapping of critical prosodic and phonetic networks in post-stroke apraxia of speech. *bioRxiv : the preprint server for biology*.

Bunker LD, et al. (2025) Discourse Measures From the Modern Cookie Theft Picture Description Are Sensitive to Mild Communication Deficits Not Captured by the Western Aphasia Battery-Revised Aphasia Quotient. *American journal of speech-language pathology*, 34(3), 1100.

Salvato G, et al. (2025) The contribution of cutaneous thermal signals to bodily self-awareness. *Nature communications*, 16(1), 569.

Stark A, et al. (2025) Lesion topography shapes motor thresholds in brain tumor patients. *NeuroImage. Clinical*, 49, 103924.

Bai C, et al. (2025) A deep-learning model for predicting post-stroke cognitive impairment based on brain network damage. *Quantitative imaging in medicine and surgery*, 15(5), 3964.

Sherzad N, et al. (2025) Lesion-Symptom Mapping of Acute Speech Deficits After Left vs. Right Hemisphere Stroke: A Retrospective Analysis of NIHSS Best Language Scores and Clinical Neuroimaging. *Brain sciences*, 15(12).