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/

Proper Citation: NiiStat (RRID:SCR_014152)

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, software resource, source code, software application, data processing software

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: 20260728T043434+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 77 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

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.

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.

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

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

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.

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).

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

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

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.

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

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).

Harrington RM, et al. (2024) Dissociating reading and auditory comprehension in persons with aphasia. Brain communications, 6(2), fcae102.

Bellmunt-Gil A, et al. (2024) Frontal white and gray matter abnormality in gambling disorder: A multimodal MRI study. Journal of behavioral addictions, 13(2), 576.

R??hrig L, et al. (2024) Structural Disconnections Caused by White Matter Hyperintensities in Post-Stroke Spatial Neglect. Human brain mapping, 45(17), e70078.

Brownsett SLE, et al. (2024) Structural brain networks correlating with poststroke cognition. Human brain mapping, 45(5), e26665.

Morand J, et al. (2024) Quality assessment and community detection methods for anonymized mobility data in the Italian Covid context. Scientific reports, 14(1), 4636.

Rosenzopf H, et al. (2024) Bayesian evidence for the neural dissociation between finger and hand imitation skills. Imaging neuroscience (Cambridge, Mass.), 2.

Fahey D, et al. (2024) Lesion-symptom Mapping of Acceptability Judgments in Chronic Poststroke Aphasia Reveals the Neurobiological Underpinnings of Receptive Syntax. Journal of cognitive neuroscience, 36(6), 1141.

Rizor E, et al. (2024) Brain-Hand Function Relationships Based on Level of Grasp Function in Chronic Left-Hemisphere Stroke. Neurorehabilitation and neural repair, 38(10), 752.