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

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

Funding:

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: 20250412T055747+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 65 mentions in open access literature.

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

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

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.

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.

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

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.

Salazar CA, et al. (2024) Concurrent tDCS-fMRI after stroke reveals link between attention network organization and motor improvement. Scientific reports, 14(1), 19334.

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.

Peng S, et al. (2024) Heterogenous brain activations across individuals localize to a common network. Communications biology, 7(1), 1270.

Cipolotti L, et al. (2023) Graph lesion-deficit mapping of fluid intelligence. Brain : a journal of neurology, 146(1), 167.

Reindl C, et al. (2023) Age of epilepsy onset as modulating factor for naming deficit after epilepsy surgery: a voxel-based lesion-symptom mapping study. Scientific reports, 13(1), 14395.

Nordberg J, et al. (2023) Brain lesion locations associated with secondary seizure generalization in tumors and strokes. Human brain mapping, 44(8), 3136.

Branscheidt M, et al. (2023) Reinforcement Learning Is Impaired in the Sub-acute Post-stroke Period. bioRxiv : the preprint server for biology.

Stockert A, et al. (2023) Involvement of Thalamocortical Networks in Patients With Poststroke Thalamic Aphasia. Neurology, 100(5), e485.

Schei S, et al. (2023) Association between patient-reported cognitive function and location of glioblastoma. Neurosurgical review, 46(1), 282.

Sperber C, et al. (2022) The strange role of brain lesion size in cognitive neuropsychology. Cortex; a journal devoted to the study of the nervous system and behavior, 146, 216.

Bunker LD, et al. (2022) Hyperintense vessels on imaging account for neurological function independent of lesion volume in acute ischemic stroke. NeuroImage. Clinical, 34, 102991.

Reindl C, et al. (2022) Resection of dominant fusiform gyrus is associated with decline of naming function when temporal lobe epilepsy manifests after the age of five: A voxel-based lesion-symptom mapping study. NeuroImage. Clinical, 35, 103129.

Zigiotto L, et al. (2022) Segregated circuits for phonemic and semantic fluency: A novel patient-tailored disconnection study. NeuroImage. Clinical, 36, 103149.