

Resource Summary Report

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NeuroElf

RRID:SCR_014147

Type: Tool

Proper Citation

NeuroElf (RRID:SCR_014147)

Resource Information

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

Proper Citation: NeuroElf (RRID:SCR_014147)

Description: A Matlab-based toolbox initially created for reading, writing, and processing of BrainVoyager (QX) files in Matlab.

Resource Type: software toolkit, workflow software, software application, data processing software, software resource

Keywords: matlab, software toolbox, brainvoyager

Availability: Freely available

Resource Name: NeuroElf

Resource ID: SCR_014147

Alternate URLs: <http://neuroelf.net>, <http://neuroelf.net/wiki/doku.php>

License: BSD License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260801T190458+0000

Ratings and Alerts

No rating or validation information has been found for NeuroElf.

No alerts have been found for NeuroElf.

Data and Source Information

Usage and Citation Metrics

We found 141 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Garcea FE, et al. (2025) Visual processing of manipulable objects in the ventral stream is modulated by inputs from parietal action systems. *bioRxiv : the preprint server for biology*.

Yazin F, et al. (2025) Fragmentation and multithreading of experience in the default-mode network. *Nature communications*, 16(1), 8401.

Leicht G, et al. (2025) Simultaneous EEG-fMRI Reveals a Visual Working Memory Encoding Network Related to Theta Oscillatory Activity in Healthy Subjects. *Human brain mapping*, 46(6), e70216.

Smekal V, et al. (2025) Disentangling dynamic information and temporal order processing of human action perception. *PNAS nexus*, 4(3), pgaf067.

Burns W, et al. (2025) Causal Lesion Evidence for Two Motor Speech Coordination Networks in the Brain. *bioRxiv : the preprint server for biology*.

Piramide N, et al. (2024) Altered domain-specific striatal functional connectivity in patients with Parkinson's disease and urinary symptoms. *Journal of neural transmission (Vienna, Austria : 1996)*, 131(8), 917.

Bergmann J, et al. (2024) Cortical depth profiles in primary visual cortex for illusory and imaginary experiences. *Nature communications*, 15(1), 1002.

Lee KM, et al. (2024) More than labels: neural representations of emotion words are widely distributed across the brain. *Social cognitive and affective neuroscience*, 19(1).

Hausfeld L, et al. (2024) FMRI speech tracking in primary and non-primary auditory cortex while listening to noisy scenes. *Communications biology*, 7(1), 1217.

Dafni-Merom A, et al. (2024) Travelling beyond time: shared brain system for self-projection in the temporal, political and moral domains. *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*, 379(1913), rstb20230414.

Roseman-Shalem M, et al. (2024) Processing of social closeness in the human brain. *Communications biology*, 7(1), 1293.

Farré-Colomés À, et al. (2024) Cue-exposure treatment influences resting-state functional connectivity-a randomized controlled fMRI study in alcohol use disorder. *Psychopharmacology*, 241(3), 513.

Ni H, et al. (2024) Efficacy and Neural Mechanisms of Mindfulness Meditation Among Adults With Internet Gaming Disorder: A Randomized Clinical Trial. *JAMA network open*, 7(6), e2416684.

Hackney BC, et al. (2024) A quantitative comparison of atlas parcellations on the human superior temporal sulcus. *Brain research*, 1842, 149119.

Montabes de la Cruz BM, et al. (2024) Decoding sound content in the early visual cortex of aphantasic participants. *Current biology : CB*, 34(21), 5083.

Engeli EJE, et al. (2023) Accumbal-thalamic connectivity and associated glutamate alterations in human cocaine craving: A state-dependent rs-fMRI and ¹H-MRS study. *NeuroImage. Clinical*, 39, 103490.

Jia R, et al. (2023) Neural valuation of rewards and punishments in posttraumatic stress disorder: a computational approach. *Translational psychiatry*, 13(1), 101.

Zheng H, et al. (2023) Gender difference in network relationship between inter-temporal decisions and prefrontal activation levels in internet gaming disorder. *Psychoradiology*, 3, kkad015.

Marques CC, et al. (2023) A neural network underlying cognitive strategies related to eating, weight and body image concerns. *Frontiers in human neuroscience*, 17, 1274817.

Denny BT, et al. (2023) Unpacking reappraisal: a systematic review of fMRI studies of distancing and reinterpretation. *Social cognitive and affective neuroscience*, 18(1).