

Resource Summary Report

Generated by ASWG on Sep 18, 2026

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

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: 20260912T195813+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 155 mentions in open access literature.

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

Lin H, et al. (2026) Affect Labeling During Pictorial Encoding Enhances Their Recognition and Reduces Amygdalar Responses to Negative Pictures. *Brain and behavior*, 16(3), e71297.

Wei M, et al. (2026) Fragmented learning from short videos modulates neural activity and connectivity during memory retrieval. *NPJ science of learning*, 11(1).

Bansal K, et al. (2026) Intrinsic brain network dynamics modulated by neural stimulation to cerebellum. *Network neuroscience (Cambridge, Mass.)*, 10(2), 329.

Li W, et al. (2026) Spatial reorganization of object representations in high-level visual cortex distinguishes working memory from perception. *Science advances*, 12(19), eaea7764.

Cohen BH, et al. (2026) Cortical activity increases in speech motor areas as a function of the subjective loudness of inner speech. *Frontiers in human neuroscience*, 20, 1812507.

Belkhir JR, et al. (2026) Causal parametric language mapping with electrical stimulation during awake neurosurgery. *Science advances*, 12(9), eadw1599.

Luo X, et al. (2026) rTMS Suppresses Tobacco Craving via Enhanced Prefronto-Striato-Thalamic Connectivity. *Addiction biology*, 31(5), e70167.

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*.

d'Almeida OC, et al. (2025) Long term adult visual plasticity after the developmental critical period in genetically determined peripheral visual loss. *Heliyon*, 11(4), e41970.

Li B, et al. (2025) Distinct information flows for different whole-body actions across LOTC subdivisions. *Communications biology*, 9(1), 74.

Luo X, et al. (2025) Mindfulness meditation reduces symptoms and modulates neural circuitry in comorbid internet gaming disorder and depression. *PNAS nexus*, 4(9), pgaf277.

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

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

- 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.
- 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.
- 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.
- 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.
- Tamber-Rosenau BJ, et al. (2024) Flexible encoding of multiple task dimensions in human cerebral cortex. *Frontiers in cognition*, 3, 1438390.
- Bergmann J, et al. (2024) Cortical depth profiles in primary visual cortex for illusory and imaginary experiences. *Nature communications*, 15(1), 1002.