

Resource Summary Report

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Brain Extraction Tool

RRID:SCR_014586

Type: Tool

Proper Citation

Brain Extraction Tool (RRID:SCR_014586)

Resource Information

URL: <https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/BET>

Proper Citation: Brain Extraction Tool (RRID:SCR_014586)

Description: Software tool which deletes non-brain tissue from image of the whole head and estimates both internal and external skull surfaces.

Abbreviations: BET2, BET

Synonyms: Brain Extraction Tool (BET), Brain Extraction Tool (BET2)

Resource Type: data processing software, image processing software, software application, software resource

Keywords: delete non-brain tissue from image, whole head, internal and external skull surfaces estimation,

Availability: Free, Freely available

Resource Name: Brain Extraction Tool

Resource ID: SCR_014586

Alternate URLs: <http://poc.vl-e.nl/distribution/manual/fsl-3.2/bet2/>

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260905T132748+0000

Ratings and Alerts

No rating or validation information has been found for Brain Extraction Tool.

No alerts have been found for Brain Extraction Tool.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Pareto D, et al. (2025) Image analysis research in neuroradiology: bridging clinical and technical domains. *Neuroradiology*, 67(7), 1649.

Frigerio G, et al. (2025) Perivascular Space Burden in Children With Autism Spectrum Disorder Correlates With Neurodevelopmental Severity. *Journal of magnetic resonance imaging : JMRI*, 62(5), 1496.

Roura I, et al. (2025) Clinical and brain volumetric correlates of decreased DTI-ALPS, suggestive of local glymphatic dysfunction, in iRBD. *NPJ Parkinson's disease*, 11(1), 87.

Naser PV, et al. (2024) Deep learning aided preoperative diagnosis of primary central nervous system lymphoma. *iScience*, 27(2), 109023.

Rosada C, et al. (2024) Effects of stress-related neuromodulators on amygdala and hippocampus resting state functional connectivity. *Journal of psychopharmacology (Oxford, England)*, 38(7), 604.

Schmitzer L, et al. (2024) Macro- and microvascular contributions to cerebral structural alterations in patients with asymptomatic carotid artery stenosis. *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism*, 44(9), 1629.

Giacometti C, et al. (2024) Differential functional organization of amygdala-medial prefrontal cortex networks in macaque and human. *Communications biology*, 7(1), 269.

Garcia M, et al. (2024) 3D CNN for neuropsychiatry: Predicting Autism with interpretable Deep Learning applied to minimally preprocessed structural MRI data. *PloS one*, 19(10), e0276832.

Diorio TC, et al. (2024) MRI-based quantification of cardiac-driven brain biomechanics for early detection of neurological disorders. *bioRxiv : the preprint server for biology*.

Lipka R, et al. (2024) No changes in triple network engagement following (combined) noradrenergic and glucocorticoid stimulation in healthy men. *Social cognitive and affective neuroscience*, 19(1).

Ripp I, et al. (2022) Adaptive working memory training does not produce transfer effects in cognition and neuroimaging. *Translational psychiatry*, 12(1), 512.

Bramati IE, et al. (2019) Lower limb amputees undergo long-distance plasticity in sensorimotor functional connectivity. *Scientific reports*, 9(1), 2518.

Drummond C, et al. (2019) Narrative impairment, white matter damage and CSF biomarkers in the Alzheimer's disease spectrum. *Aging*, 11(20), 9188.

Garibotto V, et al. (2019) Higher nicotinic receptor availability in the cingulo-insular network is associated with lower cardiac parasympathetic tone. *The Journal of comparative neurology*, 527(18), 3014.

Bachtiar V, et al. (2018) Modulating Regional Motor Cortical Excitability with Noninvasive Brain Stimulation Results in Neurochemical Changes in Bilateral Motor Cortices. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(33), 7327.

Krishnan ML, et al. (2016) Possible relationship between common genetic variation and white matter development in a pilot study of preterm infants. *Brain and behavior*, 6(7), e00434.

Aghakhani Y, et al. (2015) Co-localization between the BOLD response and epileptiform discharges recorded by simultaneous intracranial EEG-fMRI at 3T. *NeuroImage. Clinical*, 7, 755.