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

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: 20260731T042912+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 16 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

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.

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).

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.

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 3??T. NeuroImage. Clinical, 7, 755.