Resource Summary Report

Generated by Kravitz on Sep 10, 2026

FMRIB's Diffusion Toolbox

RRID:SCR_024931
Type: Tool

Proper Citation

FMRIB's Diffusion Toolbox (RRID:SCR_024931)

Resource Information

URL: https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/FDT

Proper Citation: FMRIB's Diffusion Toolbox (RRID:SCR_024931)

Description: Software toolbox for analysis of diffusion weighted images.

Abbreviations: FDT

Synonyms: Functional Magnetic Resonance Imaging of the Brain Diffusion Toolbox

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

Keywords: Functional Magnetic Resonance Imaging, MRI, brain, diffusion weighted images, diffusion weighted images analysis

Availability: Free, Freely available

Resource Name: FMRIB's Diffusion Toolbox

Resource ID: SCR_024931

Record Creation Time: 20240129T210604+0000

Record Last Update: 20260905T133445+0000

Ratings and Alerts

No rating or validation information has been found for FMRIB's Diffusion Toolbox.

No alerts have been found for FMRIB's Diffusion Toolbox.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Gu L, et al. (2026) Functional Specialization of the Visual Word Form Area During Word Reading: A Multimodal Neuroimaging Study. Neurobiology of language (Cambridge, Mass.), 7.

Roura I, et al. (2026) Circadian alterations in isolated Rapid-Eye-Movement sleep behavior disorder: associations with clinical, glymphatic, and dopaminergic imaging markers. Sleep, 49(5).

Li X, et al. (2026) Neuroinflammation and white matter microstructure as mediators of cognitive deficits in offspring of parents with bipolar disorder. Brain communications, 8(3), fcag181.

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

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.

Droby A, et al. (2025) Radiological markers of CSF ??-synuclein aggregation in Parkinson's disease patients. NPJ Parkinson's disease, 11(1), 7.

Feng G, et al. (2024) Spatial and temporal pattern of structure-function coupling of human brain connectome with development. bioRxiv : the preprint server for biology.

Feng G, et al. (2024) Spatial and temporal pattern of structure-function coupling of human brain connectome with development. eLife, 13.

Lien R, et al. (2024) The effects of a six-month exercise intervention on white matter microstructure in older adults at risk for diabetes. Cerebral circulation - cognition and behavior, 7, 100369.

Feng F, et al. (2024) Different patterns of structural network impairments in two amyotrophic lateral sclerosis subtypes driven by 18F-fluorodeoxyglucose positron emission tomography/magnetic resonance hybrid imaging. Brain communications, 6(5), fcae222.

Kamagata K, et al. (2024) Advancements in Diffusion MRI Tractography for Neurosurgery. Investigative radiology, 59(1), 13.

Pinky NN, et al. (2022) Multimodal magnetic resonance imaging of youth sport-related concussion reveals acute changes in the cerebellum, basal ganglia, and corpus callosum that resolve with recovery. Frontiers in human neuroscience, 16, 976013.

Wu F, et al. (2022) Impulsive trait mediates the relationship between white matter integrity of prefrontal-striatal circuits and the severity of dependence in alcoholism. Frontiers in psychiatry, 13, 985948.

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

Rodrigues B, et al. (2020) Higher Adherence to the Mediterranean Diet Is Associated With Preserved White Matter Integrity and Altered Structural Connectivity. Frontiers in neuroscience, 14, 786.