

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

topup

RRID:SCR_024935

Type: Tool

Proper Citation

topup (RRID:SCR_024935)

Resource Information

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

Proper Citation: topup (RRID:SCR_024935)

Description: Software tool for estimating and correcting susceptibility induced distortions.

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

Keywords: estimating, correcting, susceptibility induced distortions,

Availability: Free, Freely available

Resource Name: topup

Resource ID: SCR_024935

Record Creation Time: 20240129T210604+0000

Record Last Update: 20260905T133445+0000

Ratings and Alerts

No rating or validation information has been found for topup .

No alerts have been found for topup .

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Valenchon M, et al. (2026) Affiliative behaviours regulate allostasis development and shape biobehavioural trajectories in horses. *Nature communications*, 17(1), 47.

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

Agrawal A, et al. (2025) From retinotopic to ordinal coding: Dissecting the cortical stages of visual word recognition. *Proceedings of the National Academy of Sciences of the United States of America*, 122(43), e2507291122.

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.

Graichen LP, et al. (2025) Entorhinal grid-like codes for visual space during memory formation. *Nature communications*, 16(1), 9247.

Li Q, et al. (2025) Prediction Model and Nomogram for Amyloid Positivity Using Clinical and MRI Features in Individuals With Subjective Cognitive Decline. *Human brain mapping*, 46(8), e70238.

Wei X, et al. (2024) Gait impairment-related axonal degeneration in Parkinson's disease by neurite orientation dispersion and density imaging. *NPJ Parkinson's disease*, 10(1), 45.

Cieri F, et al. (2024) Functional connectivity differences of the olfactory network in Parkinson's Disease, mild cognitive impairment and cognitively normal individuals: A resting-state fMRI study. *Neuroscience*, 559, 8.

Ito S, et al. (2024) Thin-slice reverse encoding distortion correction DWI facilitates visualization of non-functioning pituitary neuroendocrine tumor (PitNET)/pituitary adenoma and surrounding normal structures. *European radiology experimental*, 8(1), 28.

Aamand R, et al. (2024) Cerebral microvascular changes in healthy carriers of the APOE- $\epsilon\epsilon$ Alzheimer's disease risk gene. *PNAS nexus*, 3(9), pgae369.

Krijnen EA, et al. (2023) Detection of grey matter microstructural substrates of neurodegeneration in multiple sclerosis. *Brain communications*, 5(3), fcad153.

Lee SM, et al. (2023) Impact of a multidomain lifestyle intervention on white matter integrity: the SUPERBRAIN exploratory sub-study. *Frontiers in aging neuroscience*, 15, 1242295.

Quattrini G, et al. (2022) Aberrant Structural Connectivity of the Triple Network System in Borderline Personality Disorder Is Associated with Behavioral Dysregulation. *Journal of clinical medicine*, 11(7).

Kim T, et al. (2021) Tract Specific White Matter Lesion Load Affects White Matter Microstructure and Their Relationships With Functional Connectivity and Cognitive Decline. *Frontiers in aging neuroscience*, 13, 760663.