

Resource Summary Report

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FMRIB's Linear Image Registration Tool

RRID:SCR_024922

Type: Tool

Proper Citation

FMRIB's Linear Image Registration Tool (RRID:SCR_024922)

Resource Information

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

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Description: Software automated robust and accurate tool for linear (affine) intra- and inter-modal brain image registration.

Abbreviations: FLIRT

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

Keywords: linear, affine, intra, inter, modal, brain, image, registration, brain image registration,

Availability: Free, Freely available

Resource Name: FMRIB's Linear Image Registration Tool

Resource ID: SCR_024922

Record Creation Time: 20240129T210604+0000

Record Last Update: 20260801T191307+0000

Ratings and Alerts

No rating or validation information has been found for FMRIB's Linear Image Registration Tool.

No alerts have been found for FMRIB's Linear Image Registration Tool.

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

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

Liao Z, et al. (2025) One-stop early noninvasive evaluation of renal allograft rejection and fibrosis: microstructural mapping via time-dependent diffusion MRI. *EBioMedicine*, 122, 106034.

Hu J, et al. (2025) Regional changes in cerebral perfusion with age when accounting for changes in gray-matter volume. *Magnetic resonance in medicine*, 93(4), 1807.

Suzuki Y, et al. (2024) High-angular resolution diffusion imaging generation using 3d u-net. *Neuroradiology*, 66(3), 371.

Wainberg M, et al. (2024) Genetic architecture of the structural connectome. *Nature communications*, 15(1), 1962.

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

Raghavan M, et al. (2024) Gamma amplitude-envelope correlations are strongly elevated within hyperexcitable networks in focal epilepsy. *Scientific reports*, 14(1), 17736.

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.

Suarez-Jimenez B, et al. (2024) Intrusive Traumatic Re-Experiencing Domain: Functional Connectivity Feature Classification by the ENIGMA PTSD Consortium. *Biological psychiatry global open science*, 4(1), 299.

Ghezzi C, et al. (2024) Effect of Jardiance on glucose uptake into astrocytomas. *Journal of neuro-oncology*, 169(2), 437.

Trang H, et al. (2024) A quantitative multi-parameter mapping protocol standardized for clinical research in multiple sclerosis. *Scientific reports*, 14(1), 30481.

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*.