## **Resource Summary Report**

Generated by NIF on May 23, 2025

# 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

Proper Citation: FMRIB's Linear Image Registration Tool (RRID:SCR\_024922)

**Description:** Sotware automated robust and accurate tool for linear (affine) intra- and intermodal brain image registration.

Abbreviations: FLIRT

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

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

Funding:

Availability: Free, Freely available

Resource Name: FMRIB's Linear Image Registration Tool

Resource ID: SCR\_024922

**Record Creation Time:** 20240129T210604+0000

**Record Last Update:** 20250523T055653+0000

## **Ratings and Alerts**

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

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

#### Data and Source Information

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 10 mentions in open access literature.

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

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.

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

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

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.

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.

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.

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.

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.