

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 12, 2026

MCFLIRT

RRID:SCR_024792

Type: Tool

Proper Citation

MCFLIRT (RRID:SCR_024792)

Resource Information

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

Proper Citation: MCFLIRT (RRID:SCR_024792)

Description: Software intra-modal motion correction tool designed for use on fMRI time series for linear (affine) inter- and inter-modal brain image registration.

Synonyms: Motion Correction FMRIB's Linear Image Registration Tool, , MC FMRIB's Linear Image Registration Tool

Resource Type: software application, software resource

Keywords: registration for brain images, medical image analysis, motion correction,

Availability: Free, Freely available

Resource Name: MCFLIRT

Resource ID: SCR_024792

Record Creation Time: 20231215T210014+0000

Record Last Update: 20260912T200431+0000

Ratings and Alerts

No rating or validation information has been found for MCFLIRT.

No alerts have been found for MCFLIRT.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.

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).

Uddin MN, et al. (2022) The comorbidity and cognition in multiple sclerosis (CCOMS) neuroimaging protocol: Study rationale, MRI acquisition, and minimal image processing pipelines. *Frontiers in neuroimaging*, 1, 970385.