Resource Summary Report

Generated by kravitz2 on Jul 30, 2026

FMRIB’s Integrated Registration and Segmentation Tool

RRID:SCR_024921
Type: Tool

Proper Citation

FMRIB’s Integrated Registration and Segmentation Tool (RRID:SCR_024921)

Resource Information

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

Proper Citation: FMRIB’s Integrated Registration and Segmentation Tool (RRID:SCR_024921)

Description: Software model based segmentation and registration tool. Used for segmentation of sub-cortical structures. Introduces basic segmentation and vertex analysis for detecting group differences.

Abbreviations: FIRST

Synonyms: , Functional Magnetic Resonance Imaging of the Brain's Integrated Registration and Segmentation Tool

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

Defining Citation: PMID:21352927

Keywords: Functional Magnetic Resonance Imaging of the Brain, segmentation, registration, volumetric segmentation, performing vertex analysis,

Funding: NCRR P41 RR14075;
NINDS R01 NS052585;
NCRR R01 RR16594;
NIMH K08 MH01573;
NIMH K01 MH01798;
NIDA R01 DA017905

Availability: Free, Freely available

Resource Name: FMRIB’s Integrated Registration and Segmentation Tool

Resource ID: SCR_024921

Record Creation Time: 20240129T210604+0000

Record Last Update: 20260729T044612+0000

Ratings and Alerts

No rating or validation information has been found for FMRIB’s Integrated Registration and Segmentation Tool.

No alerts have been found for FMRIB’s Integrated Registration and Segmentation Tool.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Feng Z, et al. (2025) Selective Hippocampal Subfield Atrophy Mediates Cognitive Decline in Cushing's Disease. Brain and behavior, 15(11), e71030.

Yang W, et al. (2024) The longitudinal volumetric and shape changes of subcortical nuclei in Parkinson's disease. Scientific reports, 14(1), 7494.