Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

eddy

RRID:SCR_024934
Type: Tool

Proper Citation

eddy (RRID:SCR_024934)

Resource Information

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

Proper Citation: eddy (RRID:SCR_024934)

Description: Software tool for correcting eddy currents and movements in diffusion data. Used to predict undistorted data, to which actual observed images can be aligned, to estimate and to correct for volume-to-volume movement and off-resonance fields, to signal dropout caused by movement during diffusion encoding, within-volume movement and movement-induced changes of susceptibility-induced off-resonance field. In addition to correcting for these effects, the output from this framework offers description of off resonance and subject movement effects present in uncorrected data.

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

Keywords: correcting eddy currents and movements, diffusion data correction,

Funding:

Availability: Free, Freely available

Resource Name: eddy

Resource ID: SCR_024934

Record Creation Time: 20240129T210604+0000

Record Last Update: 20250417T065807+0000

Ratings and Alerts

No rating or validation information has been found for eddy.

No alerts have been found for eddy.

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 FDI Lab - SciCrunch.org.

Esteban-Cornejo I, et al. (2024) Early morning physical activity is associated with healthier white matter microstructure and happier children: the ActiveBrains project. European child & adolescent psychiatry, 33(3), 833.

Heo S, et al. (2024) Alterations of Structural Network Efficiency in Early-Onset and Late-Onset Alzheimer's Disease. Journal of clinical neurology (Seoul, Korea), 20(3), 265.