Resource Summary Report

Generated by ASWG on Aug 4, 2026

DTI-Reg

RRID:SCR_009560
Type: Tool

Proper Citation

DTI-Reg (RRID:SCR_009560)

Resource Information

URL: https://github.com/clementsan/DTI-Reg

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Description: An open-source C++ application that performs pair-wise DTI registration, using scalar FA map to drive the registration. Individual steps of the pair-wise registration pipeline are performed via external applications - some of them being 3D Slicer modules. Starting with two input DTI images, scalar FA maps are generated via dtiprocess. Registration is then performed between these FA maps, via BRAINSFit/BRAINSDemonWarp or ANTS -Advanced Normalization Tools-, which provide different registration schemes: rigid, affine, BSpline, diffeomorphic, logDemons. The final deformation is then applied to the source DTI image via ResampleDTI.

Abbreviations: DTI-Reg

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

Keywords: analyze, c++, magnetic resonance, nrrd, os independent, registration, resampling, spatial transformation, workflow

Availability: BSD License

Resource Name: DTI-Reg

Resource ID: SCR_009560

Alternate IDs: nlx_155740

Alternate URLs: http://www.nitrc.org/projects/dtireg

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260804T043424+0000

Ratings and Alerts

No rating or validation information has been found for DTI-Reg.

No alerts have been found for DTI-Reg.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.