**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.

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

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

**Availability:** BSD License

**Website Status:** Last checked up

**Abbreviations:** DTI-Reg

**Resource Name:** DTI-Reg

**Resource ID:** SCR_009560
Alternate IDs: nlx_155740

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

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.