## **Resource Summary Report**

Generated by <u>NIF</u> on May 24, 2025

# **DWI/DTI Quality Control Tool: DTIPrep**

RRID:SCR\_009562 Type: Tool

### **Proper Citation**

DWI/DTI Quality Control Tool: DTIPrep (RRID:SCR\_009562)

### **Resource Information**

URL: https://github.com/hjmjohnson/DTIPrep

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**Description:** DTIPrep performs a Study-specific Protocol based automatic pipeline for DWI/DTI quality control and preparation. This is both a GUI and command line tool. The configurable pipeline includes image/diffusion information check, padding/Cropping of data, slice-wise, interlace-wise and gradient-wise intensity and motion check, head motion and Eddy current artifact correction, and DTI computing.

Abbreviations: DTIPrep

Resource Type: software resource, software application

**Keywords:** c++, linux, microsoft, magnetic resonance, nrrd, posix/unix-like, win32 (ms windows), windows, windows xp, dti

#### Funding:

Availability: BSD License

Resource Name: DWI/DTI Quality Control Tool: DTIPrep

Resource ID: SCR\_009562

Alternate IDs: nlx\_155742

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

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250524T060310+0000

### **Ratings and Alerts**

No rating or validation information has been found for DWI/DTI Quality Control Tool: DTIPrep.

No alerts have been found for DWI/DTI Quality Control Tool: DTIPrep.

### Data and Source Information

Source: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Nevarez-Brewster M, et al. (2024) Association between prenatal maternal sleep quality, neonatal uncinate fasciculus white matter, and infant negative emotionality. EBioMedicine, 109, 105384.