Resource Summary Report

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C8: Corpus Callosum Computations

RRID:SCR_009449
Type: Tool

Proper Citation

C8: Corpus Callosum Computations (RRID:SCR_009449)

Resource Information

URL: http://www.nitrc.org/projects/c8c8/

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Description: A small, stand-alone MatLab toolbox that measures sagittal cross-section thickness and area of the human corpus callosum from high-resolution T1 in vivo MR images. C8 takes as input affine normalized white matter segmentations derived from high-resolution (in-plane) T1 images and outputs both regional callosal thicknesses in three different formats and geometrically-defined regional areas in three different configurations. It is a small package that is easily configurable and modifiable and it measures callosa at the rate of several per minute.

Abbreviations: C8

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

Keywords: magnetic resonance, corpus callosum

Funding:

Availability: Creative Commons Attribution License

Resource Name: C8: Corpus Callosum Computations

Resource ID: SCR_009449

Alternate IDs: nlx_155593

Record Creation Time: 20220129T080253+0000

Record Last Update: 20250523T054735+0000

Ratings and Alerts

No rating or validation information has been found for C8: Corpus Callosum Computations.

No alerts have been found for C8: Corpus Callosum Computations.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Herron TJ, et al. (2012) Automated measurement of the human corpus callosum using MRI. Frontiers in neuroinformatics, 6, 25.