

Resource Summary Report

Generated by SPARC SAWG on Aug 14, 2026

Corpus Callosum Thickness Profile Analysis Pipeline

RRID:SCR_003575

Type: Tool

Proper Citation

Corpus Callosum Thickness Profile Analysis Pipeline (RRID:SCR_003575)

Resource Information

URL: <http://www.nitrc.org/projects/ccsegthickness>

Proper Citation: Corpus Callosum Thickness Profile Analysis Pipeline (RRID:SCR_003575)

Description: An end-to-end pipeline for corpus callosum processing that provides automated midsagittal alignment, CC segmentation with a quality control tool, and thickness profile generation. Groupwise analysis is facilitated by permutation testing with FWER and FDR multiple comparison correction. Results display is facilitated by a display script that shows p-values on a 3D pipe representation of a CC. This pipeline is implemented in MATLAB and requires the Image Processing Toolbox. There are plans to implement it completely in Python.

Abbreviations: ccsegthickness

Resource Type: software resource

Defining Citation: [PMID:24968872](https://pubmed.ncbi.nlm.nih.gov/24968872/)

Keywords: linux, matlab, mr, nifti-1, posix/unix-like, corpus callosum

Availability: GNU General Public License

Resource Name: Corpus Callosum Thickness Profile Analysis Pipeline

Resource ID: SCR_003575

Alternate IDs: nlx_157716

Record Creation Time: 20220129T080219+0000

Record Last Update: 20260808T185807+0000

Ratings and Alerts

No rating or validation information has been found for Corpus Callosum Thickness Profile Analysis Pipeline.

No alerts have been found for Corpus Callosum Thickness Profile Analysis Pipeline.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.