

# Resource Summary Report

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## Corpus Callosum Thickness Profile Analysis Pipeline

RRID:SCR\_003575

Type: Tool

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### Proper Citation

Corpus Callosum Thickness Profile Analysis Pipeline (RRID:SCR\_003575)

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### Resource Information

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

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**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](#)

**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:** 20260905T132505+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.