

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 7, 2026

CAWorks

RRID:SCR_014185

Type: Tool

Proper Citation

CAWorks (RRID:SCR_014185)

Resource Information

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

Proper Citation: CAWorks (RRID:SCR_014185)

Description: A software application developed to support computational anatomy and shape analysis. The capabilities of CAWorks include: interactive landmark placement to create segmentation (mask) of desired region of interest; specialized landmark placement plugins for subcortical structures such as hippocampus and amygdala; support for multiple Medical Imaging data formats, such as Nifti, Analyze, Freesurfer, DICOM and landmark data; Quadra Planar view visualization; and shape analysis plugin modules, such as Large Deformation Diffeomorphic Metric Mapping (LDDMM). Specific plugins are available for landmark placement of the hippocampus, amygdala and entorhinal cortex regions, as well as a browser plugin module for the Extensible Neuroimaging Archive Toolkit.

Synonyms: Computational Anatomy Works

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

Keywords: image analysis software, computational anatomy, shape analysis, plugin, subcortex, landmark placement

Funding: NIMH 1R01 MH084803;
NIBIB R01 EB008171;
NIA 5U01AG033655;
NCRR P41 RR015241;
NIBIB R01 EB000975

Availability: Available to the research community

Resource Name: CAWorks

Resource ID: SCR_014185

Alternate URLs: <http://www.cis.jhu.edu/software/caworks/>

License: BIRN License

Record Creation Time: 20220129T080319+0000

Record Last Update: 20260905T133048+0000

Ratings and Alerts

No rating or validation information has been found for CAWorks.

No alerts have been found for CAWorks.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Padova D, et al. (2025) Reduced Vestibular Function is Associated With Cortical Surface Shape Changes in the Frontal Cortex. Human brain mapping, 46(10), e70251.

Padova D, et al. (2024) Reduced Vestibular Function is Associated with Cortical Surface Shape Changes in the Frontal Cortex. medRxiv : the preprint server for health sciences.