**Segmentation of Hippocampus Subfields**

RRID:SCR_005996  
Type: Tool

**Proper Citation**

Segmentation of Hippocampus Subfields (RRID:SCR_005996)

**Resource Information**

**URL:** [http://freesurfer.net/fswiki/HippocampalSubfieldSegmentation](http://freesurfer.net/fswiki/HippocampalSubfieldSegmentation)

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**Description:** A software package for automatic segmentation of hippocampal subfields in magnetic resonance images. Given a pair of T1-weighted and T2-weighted images (the latter acquired using a protocol tuned for hippocampus imaging), ASHS will automatically label main subfields of the hippocampus, and some extra-hippocampal structures, using multi-atlas segmentation. The main method is described in the Yushkevich et al. 2011 Neuroimage paper (http://tinyurl.com/cffrp3p). * execution requires: Advanced Normalization Tools, FSL

**Abbreviations:** ASHS

**Synonyms:** Automatic Segmentation of Hippocampal Subfields, HippocampalSubfieldSegmentation

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

**Defining Citation:** PMID:19405131, PMID:20600984

**Keywords:** hippocampus, mri, t1-weighted image, t2-weighted image, ca1, ca2, ca3, statistical modeling, magnetic resonance

**Availability:** GNU General Public License

**Resource Name:** Segmentation of Hippocampus Subfields

**Resource ID:** SCR_005996
Alternate IDs: nlx_151370
Alternate URLs: http://www.nitrc.org/projects/ashs

Ratings and Alerts

- 4 / 5 (5 votes) Rated at NITRC http://www.nitrc.org/projects/ashs

No alerts have been found for Segmentation of Hippocampus Subfields.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


