Segmentation of Hippocampus Subfields

RRID:SCR_005996
Type: Tool

Proper Citation

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Resource Information

URL: 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: segmentation software, data processing software, software application, image analysis software, software resource

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.


