

Resource Summary Report

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Mapping Data to the Talairach Atlas

RRID:SCR_005284

Type: Tool

Proper Citation

Mapping Data to the Talairach Atlas (RRID:SCR_005284)

Resource Information

URL: <http://afni.nimh.nih.gov/afni/doc/misc/AtlasMap>

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Description: A sample script on how to map some numbers to brain regions, using the Talairach-Tournoux Atlas database. For example, put the value 0.379 in each hippocampus voxel, and the value 0.666 in each superior temporal gyrus voxel.

Abbreviations: Mapping Data to the Talairach Atlas

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

Keywords: talairach, atlas, brain, label

Resource Name: Mapping Data to the Talairach Atlas

Resource ID: SCR_005284

Alternate IDs: nlx_144320

Record Creation Time: 20220129T080229+0000

Record Last Update: 20260905T132533+0000

Ratings and Alerts

No rating or validation information has been found for Mapping Data to the Talairach Atlas.

No alerts have been found for Mapping Data to the Talairach Atlas.

Data and Source Information

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Miura N, et al. (2017) Neural evidence for the intrinsic value of action as motivation for behavior. *Neuroscience*, 352, 190.

Sturm I, et al. (2014) ECoG high gamma activity reveals distinct cortical representations of lyrics passages, harmonic and timbre-related changes in a rock song. *Frontiers in human neuroscience*, 8, 798.

Fayed N, et al. (2013) Brain changes in long-term zen meditators using proton magnetic resonance spectroscopy and diffusion tensor imaging: a controlled study. *PloS one*, 8(3), e58476.

Kubanek J, et al. (2013) The tracking of speech envelope in the human cortex. *PloS one*, 8(1), e53398.

Vrieze E, et al. (2013) Measuring extrastriatal dopamine release during a reward learning task. *Human brain mapping*, 34(3), 575.

Aupperle RL, et al. (2012) Pregabalin effects on neural response to emotional faces. *Frontiers in human neuroscience*, 6, 42.

Fischer J, et al. (2009) Precise discrimination of object position in the human pulvinar. *Human brain mapping*, 30(1), 101.

Prado J, et al. (2005) Two cortical systems for reaching in central and peripheral vision. *Neuron*, 48(5), 849.