Talairach Daemon

RRID:SCR_000448
Type: Tool

Proper Citation

Talairach Daemon (RRID:SCR_000448)

Resource Information

URL: http://www.talairach.org/

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Description: The Talairach software (client, applet and daemon) provide a 5 level hierarchy of label names created for the 1988 Talairach atlas. Labels can be accessed using talairach coordinates. It includes three components: * Talairach Client: a Java application for finding individual and batch labels as well as command-line tools for accessing the daemon. * Talairach Applet: a web application for the daemon which includes graphical overlays and nearest gray matter searches. * Talairach Daemon: a high-speed database server for querying and retrieving data about human brain structure over the internet. The Talairach Client reports Talairach labels for user-defined coordinates. Coordinate data can be manually input through the interface or read from a file. Input data files should be tab-, space-, or comma-delimited and arranged in x,y,z order. There are options to search for the single point, search range, or nearest gray matter. The results are shown on the interface or written to a file that can be viewed in a text editor or imported into a spreadsheet. The Talairach Applet provides a web application for the Talairach Daemon. Since it is an applet, it requires Java to run. In addition to providing label data and structural probability maps, the applet also displays graphical overlays of each region and can find nearest gray matter.

Resource Type: Resource, data processing software, database, software application, data visualization software, atlas, software resource, data or information resource

References: PMID:10912591

Keywords: anatomical structure, atlas, fmri, pet, activation foci, cognition, talairach, human, brain, brain mapping, atlas application, database application, atlas application, database application, java, magnetic resonance, os independent, label, probability map
Parent Organization: University of Texas Health Science Center at San Antonio; Texas; USA

Funding Agency: EJLB Foundation, The Human Brain Project

Related resources: WFU PickAtlas

Availability: BrainMap License

Website Status: Last checked up

Abbreviations: talairach.org

Resource Name: Talairach Daemon

Resource ID: SCR_000448

Alternate IDs: nif-0000-00042

Alternate URLs: http://www.nitrc.org/projects/tal-daemon

Ratings and Alerts

- 4 / 5 (13 votes) Rated at NITRC http://www.nitrc.org/projects/tal-daemon

No alerts have been found for Talairach Daemon.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 381 mentions in open access literature.

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


Blackburn DJ, et al. (2018) A Pilot Study Investigating a Novel Non-Linear Measure of Eyes Open versus Eyes Closed EEG Synchronization in People with Alzheimer's Disease and Healthy Controls Brain sciences, 8(7).


Aziz AL, et al. (2017) Difference in imaging biomarkers of neurodegeneration between early
