**brainmap.org**

RRID:SCR_003069  
Type: Tool

**Proper Citation**

brainmap.org (RRID:SCR_003069)

**Resource Information**

**URL:** [http://brainmap.org/](http://brainmap.org/)

**Proper Citation:** brainmap.org (RRID:SCR_003069)

**Description:** A community database of published functional and structural neuroimaging experiments with both metadata descriptions of experimental design and activation locations in the form of stereotactic coordinates (x,y,z) in Talairach or MNI space. BrainMap provides not only data for meta-analyses and data mining, but also distributes software and concepts for quantitative integration of neuroimaging data. The goal of BrainMap is to develop software and tools to share neuroimaging results and enable meta-analysis of studies of human brain function and structure in healthy and diseased subjects. It is a tool to rapidly retrieve and understand studies in specific research domains, such as language, memory, attention, reasoning, emotion, and perception, and to perform meta-analyses of like studies. Brainmap contains the following software:  
- **Sleuth:** database searches and Talairach coordinate plotting (this application requires a username and password)  
- **GingerALE:** performs meta-analyses via the activation likelihood estimation (ALE) method; also converts coordinates between MNI and Talairach spaces using icbm2tal  
- **Scribe:** database entry of published functional neuroimaging papers with coordinate results

**Resource Type:** Resource, software resource, software application, data or information resource, database

**References:** [PMID:15897617](pmid:15897617), [PMID:11967563](pmid:11967563), [PMID:15846810](pmid:15846810)

**Keywords:** 3d model, atlas, data management, imaging, map, neuroinformatics, warping, neuroimaging, brain, talairach, mni, java, modeling, magnetic resonance, nifti-1, ontology, os independent, pet, spect, visualization, functional neuroimaging, fmri

**Parent Organization:** University of Texas Health Science Center at San Antonio; Texas;
USA

**Related Condition:** Healthy, Diseased

**Funding Agency:** NIMH

**Related resources:** Brede Database

**Availability:** BrainMap License, Free for educational and scientific purposes, Non-commercial, Coding scheme and its taxonomy of experimental design are available for use without restriction, Acknowledgement requested

**Website Status:** Last checked up

**Abbreviations:** BrainMap

**Resource Name:** brainmap.org

**Resource ID:** SCR_003069

**Alternate IDs:** nif-0000-00049

**Alternate URLs:** http://www.nitrc.org/projects/brainmap

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**Ratings and Alerts**


No alerts have been found for brainmap.org.

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**Data and Source Information**

**Source:** SciCrunch Registry

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**Usage and Citation Metrics**

We found 260 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch Infrastructure](http://www.nitrc.org/projects/brainmap).


Ng TH, et al. (2019) Meta-analysis of reward processing in major depressive disorder reveals distinct abnormalities within the reward circuit. Translational psychiatry, 9(1), 293.


