brainmap.org

RRID:SCR_003069
Type: Tool

### Proper Citation

brainmap.org (RRID:SCR_003069)

### Resource Information

**URL:** http://brainmap.org/

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**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

**Abbreviations:** BrainMap

**Synonyms:** BrainMap Database

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

**Defining Citation:** PMID:15897617, PMID:11967563, PMID:15846810

**Keywords:** 3d model, atlas, data management, imaging, map, neuroinformatics, warping,
**Related Condition:** Healthy, Diseased

**Funding Agency:** NIMH

**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

**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](http://www.scicrunch.org)

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**Usage and Citation Metrics**

We found 316 mentions in open access literature.

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


Watanuki S, et al. (2021) Watershed Brain Regions for Characterizing Brand Equity-Related