

Resource Summary Report

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GingerALE

RRID:SCR_014921

Type: Tool

Proper Citation

GingerALE (RRID:SCR_014921)

Resource Information

URL: <http://brainmap.org/software.html#GingerALE>

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Description: Software available from brainmap.org to perform meta-analyses via the activation likelihood estimation (ALE) method. It also includes the transforms for icbm2tal conversions.

Resource Type: data processing software, algorithm resource, data analysis software, software resource, software application

Defining Citation: [PMID:19172646](#)

Keywords: mri, brain, meta analysis, estimation, icbm2tal, conversion, software, coordinate, algorithm

Availability: Available for download

Resource Name: GingerALE

Resource ID: SCR_014921

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260731T042930+0000

Ratings and Alerts

No rating or validation information has been found for GingerALE.

No alerts have been found for GingerALE.

Data and Source Information

Usage and Citation Metrics

We found 491 mentions in open access literature.

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

Bernard JA, et al. (2025) Altered cerebellar activation patterns in Alzheimer's disease: An activation likelihood estimation Meta-Analysis. *NeuroImage. Clinical*, 46, 103770.

Norrlin L, et al. (2025) The Neural Correlates of Body Image Processing in Anorexia Nervosa and Bulimia Nervosa: An Activation Likelihood Estimation Meta-Analysis of fMRI Studies. *International journal of environmental research and public health*, 22(1).

Tahamata VM, et al. (2025) Domain-Specific and Domain-General Functional Brain Alterations in Type 2 Diabetes Mellitus: A Task-Based and Functional Connectivity Meta-Analysis. *Brain and behavior*, 15(4), e70438.

Yan Z, et al. (2025) A systematic review and coordinate-based meta-analysis of resting-state fMRI in athletes from open and closed skills sports. *Scientific reports*, 15(1), 21870.

Sobral M, et al. (2025) Neural correlates of peripartum depression: a systematic review, meta-analysis and comparison to major depressive disorder. *Molecular psychiatry*, 30(12), 5979.

Fu Y, et al. (2025) The shared neural substrates of emotional mimicry and emotional contagion: an activation likelihood estimation meta-analysis and meta-analytic connectivity modeling analysis. *Social cognitive and affective neuroscience*, 20(1).

Lasnick OHM, et al. (2025) Modeling differences in neurodevelopmental maturity of the reading network using support vector regression on functional connectivity data. *bioRxiv* : the preprint server for biology.

Müller C, et al. (2025) The Neuroanatomical Correlates of Bladder Filling: An Activation Likelihood Estimation Meta-Analysis of Functional Neuroimaging Studies. *Neurology international*, 17(10).

Zhang H, et al. (2025) Brain-behavior relationships in task-based fMRI assessments of executive functions in children and adolescents with and without ADHD: a systematic review and ALE meta-analysis. *BMC psychiatry*, 25(1), 1168.

Ren J, et al. (2025) Activation Likelihood Estimation Meta-Analysis of the Effects of Cognitive Behavioral Therapy on Brain Activation in the Treatment of Depression and Anxiety Disorders. *Depression and anxiety*, 2025, 3557367.

Liang J, et al. (2025) Gray matter and cognitive alteration related to chronic obstructive pulmonary disease patients: combining ALE meta-analysis and MACM analysis. *Brain imaging and behavior*, 19(1), 204.

- Li Z, et al. (2025) Neural mechanisms of behavioral addiction: An ALE meta-analysis and MACM analysis. *Journal of behavioral addictions*, 14(1), 18.
- He D, et al. (2025) Structural and functional brain abnormal alteration in patients with type 2 diabetes mellitus: A coordinate-based meta-analysis. *Translational psychiatry*, 15(1), 269.
- Nardoni L, et al. (2025) Structural brain alterations and changes in resting-state functional connectivity in patients with trigeminal neuralgia: A meta-analysis. *NeuroImage. Clinical*, 46, 103759.
- Kuehn A, et al. (2025) Neuroimaging correlates of psychological resilience: an Open Science systematic review and meta-analysis. *Frontiers in neuroimaging*, 4, 1487888.
- Dalton SDP, et al. (2025) Neural correlates of implicit emotion regulation in mood and anxiety disorders: an fMRI meta-analytic review. *Scientific reports*, 15(1), 19564.
- Kwon J, et al. (2025) Mimed speech as an intermediary state between overt and imagined speech production in an electrocorticography study. *Scientific reports*, 15(1), 33393.
- Davididi S, et al. (2025) The Neural Correlates of Response Inhibition With and Without Conflict in ADHD: An Activation Likelihood Estimation Meta-Analysis. *The European journal of neuroscience*, 62(5), e70244.
- Perez GM, et al. (2025) Brain changes associated with depression treatment: a meta-analysis. *NeuroImage. Clinical*, 48, 103874.
- Towne JM, et al. (2025) Neuroimaging signatures of mesial temporal lobe epilepsy: A coordinate-based meta-analysis of structural and resting-state functional imaging literature. *NeuroImage. Clinical*, 48, 103908.