# **Resource Summary Report**

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# <u>Lipsia</u>

RRID:SCR\_009595 Type: Tool

### **Proper Citation**

Lipsia (RRID:SCR\_009595)

### **Resource Information**

URL: http://www.cbs.mpg.de/institute/software/lipsia/

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**Description:** Software tool for processing functional magnetic resonance imaging (fMRI) data.Software system for evaluation of functional magnetic resonance images of human brain.

#### Abbreviations: Lipsia

**Synonyms:** Lipsia: Leipzig Image Processing and Statistical Inference Algorithms ? a tool for fMRI data analysis, Leipzig Image Processing and Statistical Inference Algorithms, Lipsia: Leipzig Image Processing and Statistical Inference Algorithms

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

Defining Citation: PMID:11679206

Keywords: magnetic resonance, fmri

Funding:

Availability: Free, Available for download, Freely available

Resource Name: Lipsia

Resource ID: SCR\_009595

Alternate IDs: nlx\_155787

Alternate URLs: http://www.nitrc.org/projects/lipsia, https://sources.debian.org/src/lipsia/

License: GNU General Public License

**Record Creation Time:** 20220129T080253+0000

Record Last Update: 20250521T061305+0000

## **Ratings and Alerts**

No rating or validation information has been found for Lipsia.

No alerts have been found for Lipsia.

## Data and Source Information

Source: <u>SciCrunch Registry</u>

### **Usage and Citation Metrics**

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Albrecht F, et al. (2024) Structural parameters are superior to eigenvector centrality in detecting progressive supranuclear palsy with machine learning & multimodal MRI. Heliyon, 10(15), e34910.

Storch M, et al. (2023) Hypothalamic volume in pedophilia with or without child sexual offense. European archives of psychiatry and clinical neuroscience, 273(6), 1295.

Mueller K, et al. (2023) Brain dysconnectivity with heart failure. Brain communications, 5(2), fcad103.

Mueller K, et al. (2022) Symptom-severity-related brain connectivity alterations in functional movement disorders. NeuroImage. Clinical, 34, 102981.

Poltojainen V, et al. (2022) Physiological instability is linked to mortality in primary central nervous system lymphoma: A case-control fMRI study. Human brain mapping, 43(13), 4030.

Koelsch S, et al. (2022) Tormenting thoughts: The posterior cingulate sulcus of the default mode network regulates valence of thoughts and activity in the brain's pain network during music listening. Human brain mapping, 43(2), 773.

Raitamaa L, et al. (2021) Spectral analysis of physiological brain pulsations affecting the BOLD signal. Human brain mapping, 42(13), 4298.

Liu P, et al. (2021) The organizational principles of de-differentiated topographic maps in somatosensory cortex. eLife, 10.

Stockert A, et al. (2021) Temporo-cerebellar connectivity underlies timing constraints in audition. eLife, 10.

Taruffi L, et al. (2021) Trait Empathy Shapes Neural Responses Toward Sad Music. Cognitive, affective & behavioral neuroscience, 21(1), 231.

Hamano YH, et al. (2020) The motor engram as a dynamic change of the cortical network during early sequence learning: An fMRI study. Neuroscience research, 153, 27.

Hidalgo-Lopez E, et al. (2020) Human menstrual cycle variation in subcortical functional brain connectivity: a multimodal analysis approach. Brain structure & function, 225(2), 591.

Ballarini T, et al. (2020) Disentangling brain functional network remodeling in corticobasal syndrome - A multimodal MRI study. NeuroImage. Clinical, 25, 102112.

Lehmann N, et al. (2020) Intrinsic Connectivity Changes Mediate the Beneficial Effect of Cardiovascular Exercise on Sustained Visual Attention. Cerebral cortex communications, 1(1), tgaa075.

Skouras S, et al. (2020) Earliest amyloid and tau deposition modulate the influence of limbic networks during closed-loop hippocampal downregulation. Brain : a journal of neurology, 143(3), 976.

Skouras S, et al. (2019) Mechanisms of functional compensation, delineated by eigenvector centrality mapping, across the pathophysiological continuum of Alzheimer's disease. NeuroImage. Clinical, 22, 101777.

Mueller K, et al. (2019) Modulatory Effects of Levodopa on Cerebellar Connectivity in Parkinson's Disease. Cerebellum (London, England), 18(2), 212.

Thomas K, et al. (2019) Higher body mass index is linked to altered hypothalamic microstructure. Scientific reports, 9(1), 17373.

Skouras S, et al. (2019) The effects of psychiatric history and age on self-regulation of the default mode network. NeuroImage, 198, 150.

Mueller K, et al. (2018) Brain connectivity changes when comparing effects of subthalamic deep brain stimulation with levodopa treatment in Parkinson's disease. NeuroImage. Clinical, 19, 1025.