

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 2026

masked ICA (mICA) Toolbox

RRID:SCR_016349

Type: Tool

Proper Citation

masked ICA (mICA) Toolbox (RRID:SCR_016349)

Resource Information

URL: <http://www.nitrc.org/projects/mica/>

Proper Citation: masked ICA (mICA) Toolbox (RRID:SCR_016349)

Description: Software toolbox based on FSL command line tools that performs masked independent component analysis and related analyses in an integrated way within a spatially restricted subregion of the brain. Used for investigating functional connectivity in functional magnetic resonance imaging data in the field of neuroimaging.

Abbreviations: mICA

Synonyms: masked Independent Component Analysis

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

Defining Citation: [PMID:27168407](#)

Keywords: masked, independent, component, analysis, neuroimaging, restricted, subregion, brain, magnetic, resonance, imaging, data,

Funding: Horst G??rtz Foundation

Availability: Free, Freely available, Available for download

Resource Name: masked ICA (mICA) Toolbox

Resource ID: SCR_016349

License: GNU General Public License (GPL)

Record Creation Time: 20220129T080330+0000

Record Last Update: 20260905T132807+0000

Ratings and Alerts

No rating or validation information has been found for masked ICA (mICA) Toolbox.

No alerts have been found for masked ICA (mICA) Toolbox.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhao R, et al. (2019) Disrupted Resting-State Functional Connectivity in Hippocampal Subregions After Sleep Deprivation. Neuroscience, 398, 37.