

# Resource Summary Report

Generated by T1D on Aug 2, 2026

## Local Binary Pattern Analysis Tools for MR Brain Images

RRID:SCR\_000412

Type: Tool

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### Proper Citation

Local Binary Pattern Analysis Tools for MR Brain Images (RRID:SCR\_000412)

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### Resource Information

**URL:** [http://www.nitrc.org/projects/mri\\_lbptop/](http://www.nitrc.org/projects/mri_lbptop/)

**Proper Citation:** Local Binary Pattern Analysis Tools for MR Brain Images (RRID:SCR\_000412)

**Description:** The packaged tools perform Local Binary Pattern on Three Orthogonal Planes (LBP-TOP) analysis on MR brain images. One can use them to extract LBP texture features for machine learning applications or other advance analysis. Bash scripts performing simple preprocessing with FSL and AFNI as well as LBP mapping programs written by Java are both including in this package. The output is the histogram describing the brain morphology.

**Abbreviations:** LBP Analysis Tools for MR Brain Images

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

**Keywords:** free for non-commercial use only, mr

**Availability:** Free, Available for download, Freely available

**Resource Name:** Local Binary Pattern Analysis Tools for MR Brain Images

**Resource ID:** SCR\_000412

**Alternate IDs:** nlx\_155652

**Record Creation Time:** 20220129T080201+0000

**Record Last Update:** 20260801T190120+0000

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### Ratings and Alerts

No rating or validation information has been found for Local Binary Pattern Analysis Tools for MR Brain Images.

No alerts have been found for Local Binary Pattern Analysis Tools for MR Brain Images.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.