

Resource Summary Report

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Local Binary Pattern Analysis Tools for MR Brain Images

RRID:SCR_000412

Type: Tool

Proper Citation

Local Binary Pattern Analysis Tools for MR Brain Images (RRID:SCR_000412)

Resource Information

URL: 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: data processing software, image analysis software, image processing software, software application, software resource

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: 20260912T195508+0000

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.

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 [SPARC SAWG](#) .

Su Q, et al. (2026) Integrated bulk RNA-seq and scRNA-seq identification of a novel "PET-SPI1-MYL9" transcriptional axis in lung adenocarcinoma driven by polyethylene terephthalate exposure. Translational cancer research, 15(3), 173.