

# Resource Summary Report

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## MASIMatlab

RRID:SCR\_009506

Type: Tool

### Proper Citation

MASIMatlab (RRID:SCR\_009506)

### Resource Information

**URL:** <http://www.nitrc.org/projects/masimatlab/>

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**Description:** This repository stores and provides opportunities for collaboration through Matlab code, libraries, and configuration information for projects in early stage development. The MASI research laboratory concentrates on analyzing large-scale cross-sectional and longitudinal neuroimaging data. Specifically, they are interested in population characterization with magnetic resonance imaging (MRI), multi-parametric studies (DTI, sMRI, qMRI), and shape modeling.

**Abbreviations:** MASIMatlab

**Resource Type:** software resource

**Keywords:** magnetic resonance, matlab, population characterization, mri, dti, smri, qmri, shape modeling

**Resource Name:** MASIMatlab

**Resource ID:** SCR\_009506

**Alternate IDs:** nlx\_155655

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

**Record Last Update:** 20260815T182355+0000

### Ratings and Alerts

No rating or validation information has been found for MASIMatlab.

No alerts have been found for MASIMatlab.

## Data and Source Information

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

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Harrigan RL, et al. (2017) Quantitative characterization of optic nerve atrophy in patients with multiple sclerosis. Multiple sclerosis journal - experimental, translational and clinical, 3(3), 2055217317730097.

Harrigan RL, et al. (2016) Vanderbilt University Institute of Imaging Science Center for Computational Imaging XNAT: A multimodal data archive and processing environment. NeuroImage, 124(Pt B), 1097.

Li K, et al. (2015) A multimodal MRI dataset of professional chess players. Scientific data, 2, 150044.

Lauzon CB, et al. (2013) Simultaneous analysis and quality assurance for diffusion tensor imaging. PloS one, 8(4), e61737.