Resource Summary Report

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Brain lesion segmentation tool using SVM

RRID:SCR_002583
Type: Tool

Proper Citation

Brain lesion segmentation tool using SVM (RRID:SCR_002583)

Resource Information

URL: http://www.nitrc.org/projects/wmls/

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Description: Segmentation tool that uses image analysis and machine learning techniques (Support Vector Machines). Image intensities from multiple MR acquisition protocols, after coregistration, are used to form a voxel-wise attribute vector which is used to perform the segmentation. Computer algorithms have started to complement expert-readings of MRI as they may improve throughput and consistency, in addition to providing more accurate quantitative measures of lesion type and volume. Computerized segmentation methods can also offer more precise measurements of longitudinal change of a lesion with disease progression or treatment response.

Abbreviations: Brain lesion segmentation tool using SVM

Synonyms: Brain lesion segmentation tool using Support Vector Machines

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

Defining Citation: PMID:23303595

Keywords: magnetic resonance, brain lesion, image analysis, machine learning, support vector machine

Availability: Free, Available for download, Freely available

Resource Name: Brain lesion segmentation tool using SVM

Resource ID: SCR_002583

Alternate IDs: nlx_155988

License: SBIA License

Record Creation Time: 20220129T080214+0000

Record Last Update: 20260905T132450+0000

Ratings and Alerts

No rating or validation information has been found for Brain lesion segmentation tool using SVM.

No alerts have been found for Brain lesion segmentation tool using SVM.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We have not found any literature mentions for this resource.