

Resource Summary Report

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Network Modification Tool Lite

RRID:SCR_009511

Type: Tool

Proper Citation

Network Modification Tool Lite (RRID:SCR_009511)

Resource Information

URL: http://www.nitrc.org/projects/brainnet_2013/

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Description: Tool that associates localized white matter (WM) lesions with disruptions in gray matter connectivity as a step toward understanding the lesions' functional implications. A Tractogram Reference Set (TRS), i.e. collections of white matter fibers, is constructed from 73 normal healthy individuals and coregistered to a common space (MNI). The NeMo Tool uses the TRS to assess structural network disruption due to a particular WM lesion mask on a region and network-wise level. This tool is an easy way for researchers and clinicians to investigate changes in the structural brain network without having to perform tractography on their own normal data or on diseased/injured brains where the results may not represent the underlying physiology.

Abbreviations: NeMo Tool

Synonyms: Network Modification (NeMo) Tool Lite

Resource Type: software resource

Keywords: computational neuroscience

Availability: GNU General Public License

Resource Name: Network Modification Tool Lite

Resource ID: SCR_009511

Alternate IDs: nlx_155673

Record Creation Time: 20220129T080253+0000

Record Last Update: 20260905T132633+0000

Ratings and Alerts

No rating or validation information has been found for Network Modification Tool Lite.

No alerts have been found for Network Modification Tool Lite.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.