Resource Summary Report

Generated by PRECISE-TBI on Sep 8, 2026

MultiXplore

RRID:SCR_014814
Type: Tool

Proper Citation

MultiXplore (RRID:SCR_014814)

Resource Information

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

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Description: Graphical user interface that has been implemented as a 3D Slicer plugin (scripted module). It serves to display a corresponding set of cortical regions from functional connectivity matrix in an explorable 3D scene that represents brain anatomical environment. In addition to grey matter regions, MultiXplore automatically finds and extracts deterministic fiber bundles which exist between selected region(s) and adds them to the 3D environment. This feature helps in generating region-based fiber bundles given a desired whole-brain tractography data.

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

Keywords: gui, graphical user interface, cortical region, functional connectivity matrix, 3d, brain, grey matter, fiber bundle

Funding: NSERC

Availability: Available for download

Resource Name: MultiXplore

Resource ID: SCR_014814

License: 3D Slicer License

Record Creation Time: 20220129T080322+0000

Record Last Update: 20260905T132751+0000

Ratings and Alerts

No rating or validation information has been found for MultiXplore.

No alerts have been found for MultiXplore.

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 PRECISE-TBI .

Bakhshmand SM, et al. (2017) MultiXplore: Visual exploration platform for multimodal neuroimaging data. Journal of neuroscience methods, 290, 1.