

fMRI解析の参考資料

(1) 解析前の準備

MRICroGLの準備

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MRICroGLを用意

- MRICroGLはMRI画像を表示する（論文用など見映えよい図を作る）ツールだが、同梱のdcm2niixが非常に便利なので、先にダウンロードしておく
- MRICroGLを以下からダウンロード（自環境のOSに合わせて）

<https://www.nitrc.org/projects/mricrogl>

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MRICroGL Visit Website

MRICroGL allows you to view 2D slices and renderings of your brain imaging data. It can display many image formats and includes a graphical interface for dcm2nii to convert DICOM images to NIFTI format. It allows you to draw regions of interest which can aid lesion mapping and fMRI analysis. It provides sophisticated rendering.

Image 1 of 6 Click for more.

Execution Options

Download Now: version 20-July-2022 (v1.2.2022) [Download](#)

Execute Now:

version 20-July-2022 (v1.2.2022) MRICroGL_windows.zip (66242 K)
version 20-July-2022 (v1.2.2022) MRICroGL_linux1804.zip (63551 K)
version 20-July-2022 (v1.2.2022) MRICroGL_linux.zip (69162 K)
version 20-July-2022 (v1.2.2022) MRICroGL_macOS.dmg (69308 K)

Specifications

Category: Visualization
License: BSD License
Show more specifications (Development Status, Domain, Intended Audience, etc)

Associations

has subpart: dcm2nii
Show more associations (has Images, is from the makers of, works well with)

Recent Activity - Documents

Statistics

Home Page
Funding: NIH-NIDCD R01DC...
Documents: 7
PubMed Mentions: 0 ...
Forums: 733 messages in 2 ...
News Items: 6
Task Manager: 0 open / 0 to...
Tracker: 0 open / 0 total
Total Downloads: 170867
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Organization: University of ...

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MRICroGLを用意

- ダウンロードした圧縮ファイルを解凍し、SPMと同様にアクセスしやすい場所に置く
解凍されたフォルダ内にMRICroGLとResourcesフォルダがある



- MRICroGLアイコンをダブルクリックしてMRICroGLが起動できるか確かめておこう

Resourcesフォルダのパスを環境変数に追加しておくとスクリプトでNIfTI変換できる

