MRIcroGL Installation
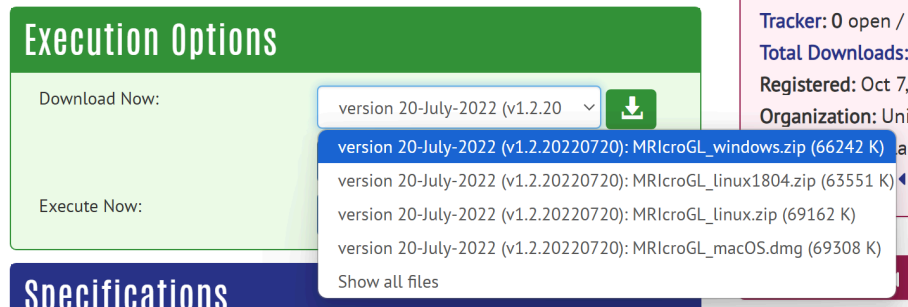
Hello! On Thursday, we'll be discussing human neuroimaging in the context of Skyberg et al. (2023). Before then, I want you to download MRIcroGL, a lightweight application for viewing MRI data.
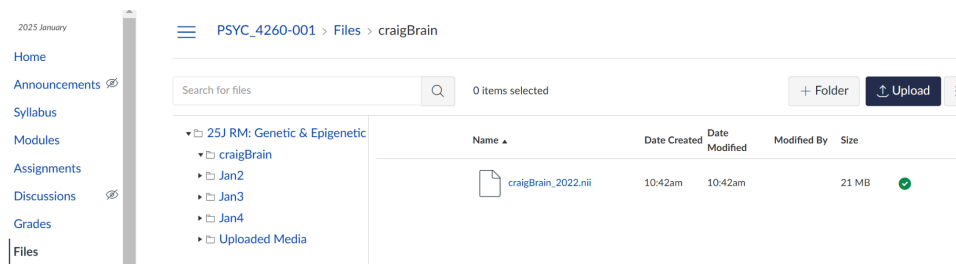
Installation steps
1) Go to this page: https://www.nitrc.org/projects/mricrogl
2) Download the version that corresponds to your computer's operating system

3) Either unzip it (Windows/Linux) or double-click the .dmg file (MacOS)
4) That's it! Now you can run the executable to open the app :)

This application is used to open NIfTI or DICOM images, two common data formats for storing MRI data

I've uploaded "craigBrain_2022.nii" to our Canvas website, under Files/craigBrain. It's a NIfTI file containing my brain! This 3D volume was acquired back in 2022. I was not, in fact, bald at the time, but hair doesn't typically show up in MRI.

Download this file in preparation for Thursday's class, and try to open in in MRIcroGL. It should look something like this:

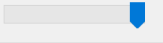File   Edit   Import   Draw   Graph   Display   View   Color   Scripting   Help

Layers

☑ craigBrain_2022

Grayscale ⌄   Options

Darkest   0

Brightest   1105

Opacity

Lines

Width 0   Color

2D Slice Selection

A
L   R
P

S

I

Coordinates (X,Y,Z)

0   0   0

Zoom

☐ Smooth ☐ Ruler