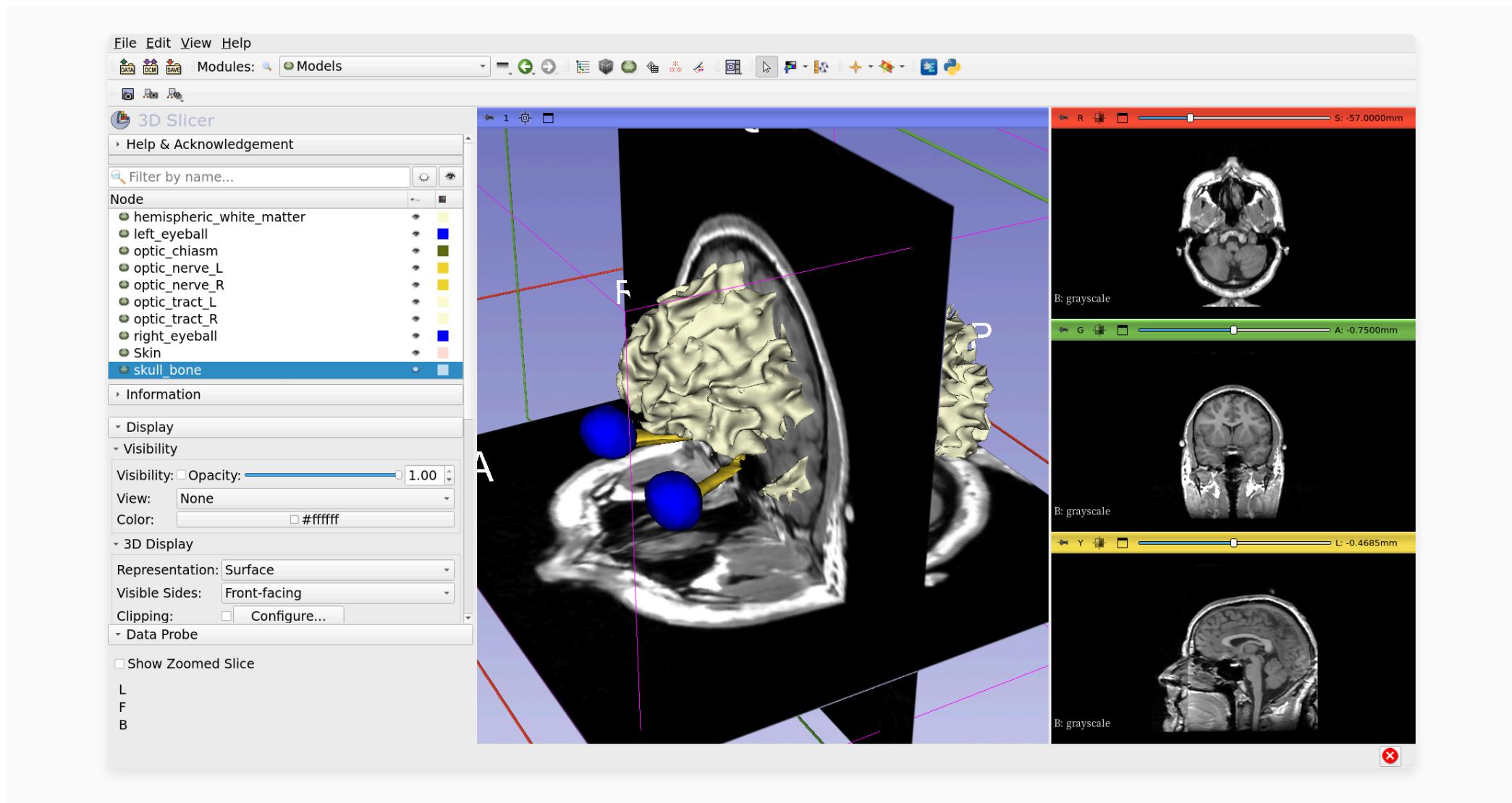


Slicer4 Minute

Sonia Pujol, Ph.D

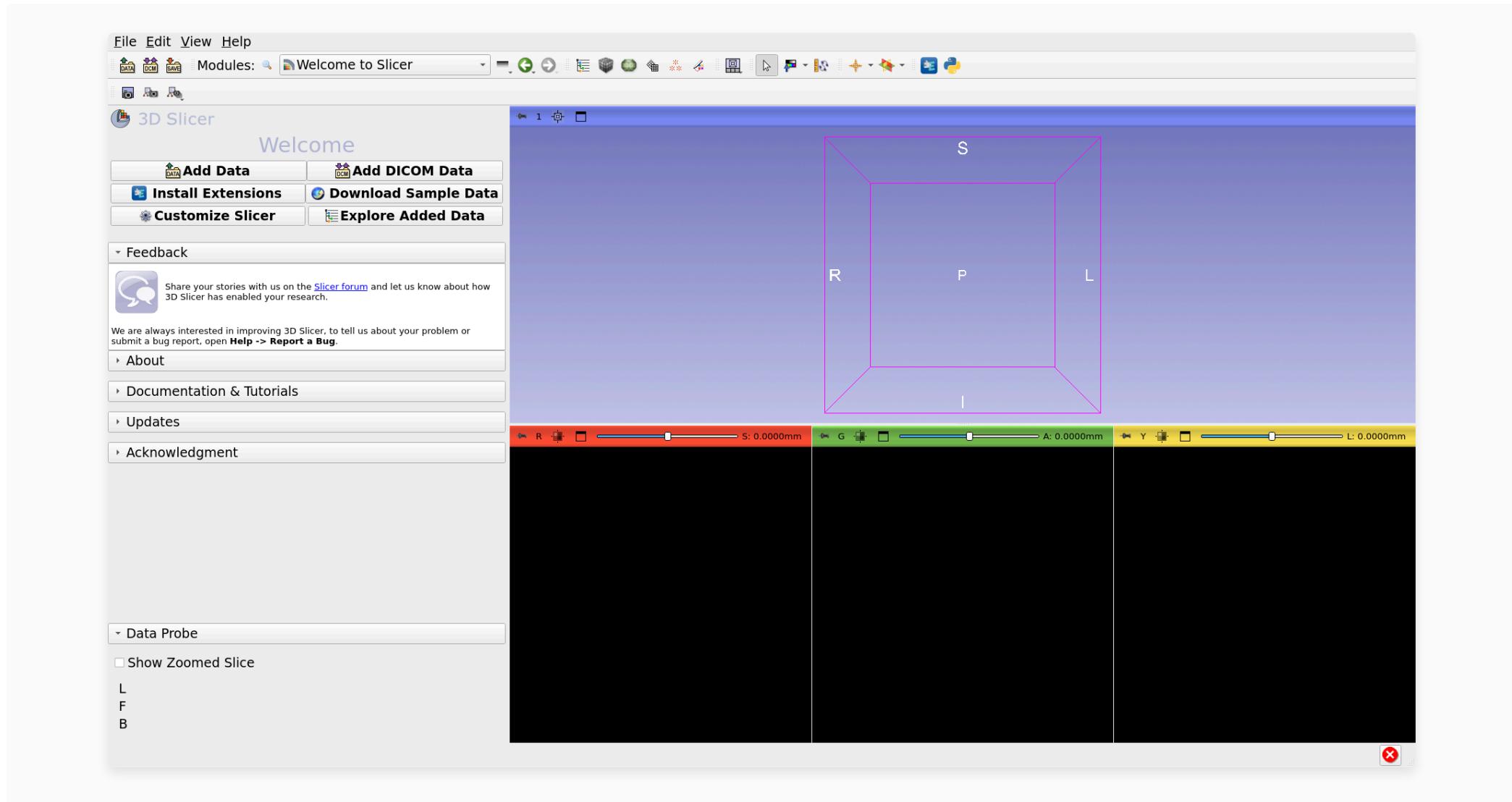
Assistant Professor of Radiology Brigham and
Women's Hospital Harvard Medical School

Slicer4 minute tutorial);

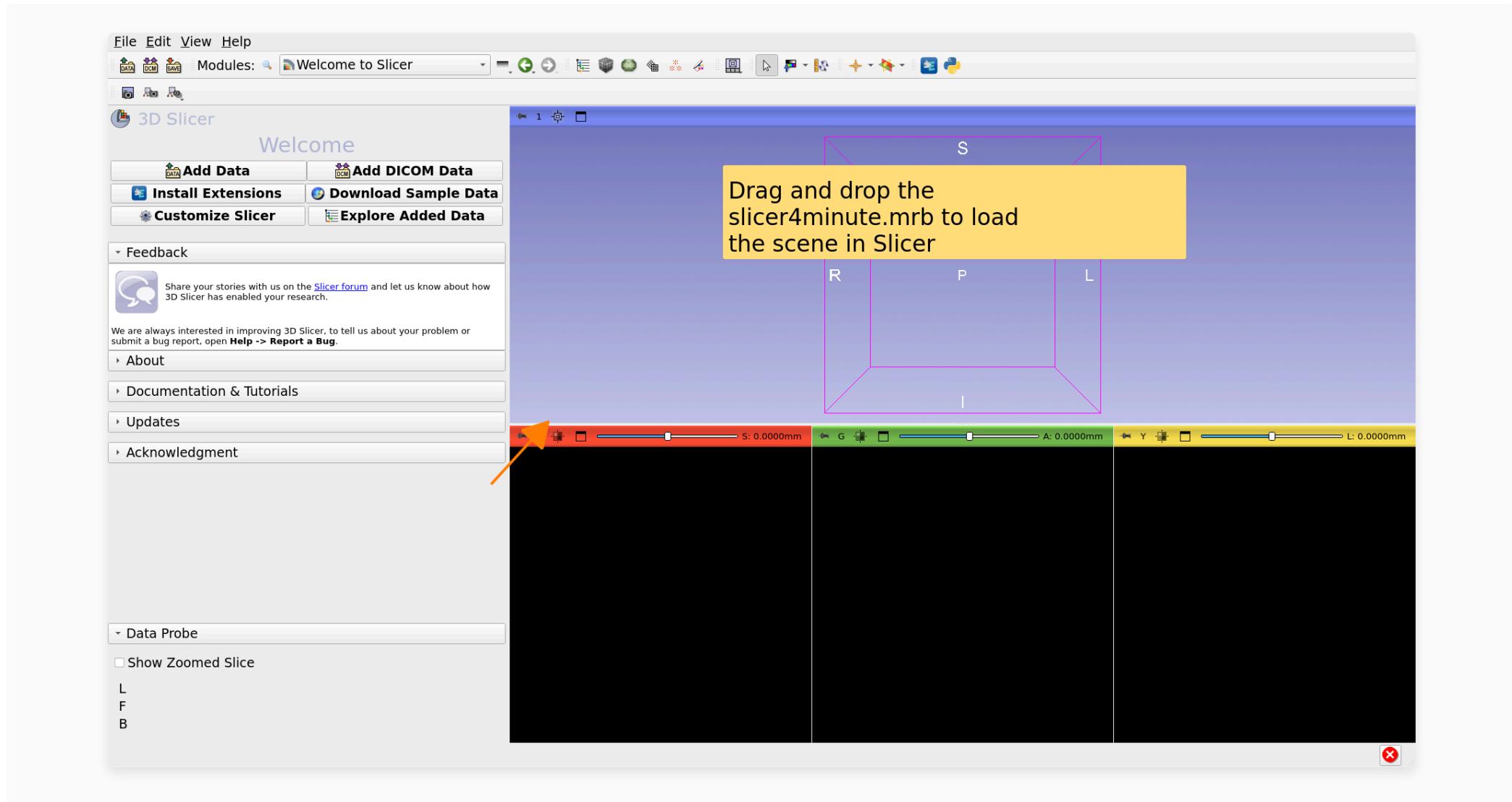


Slicer4 minute tutorial);

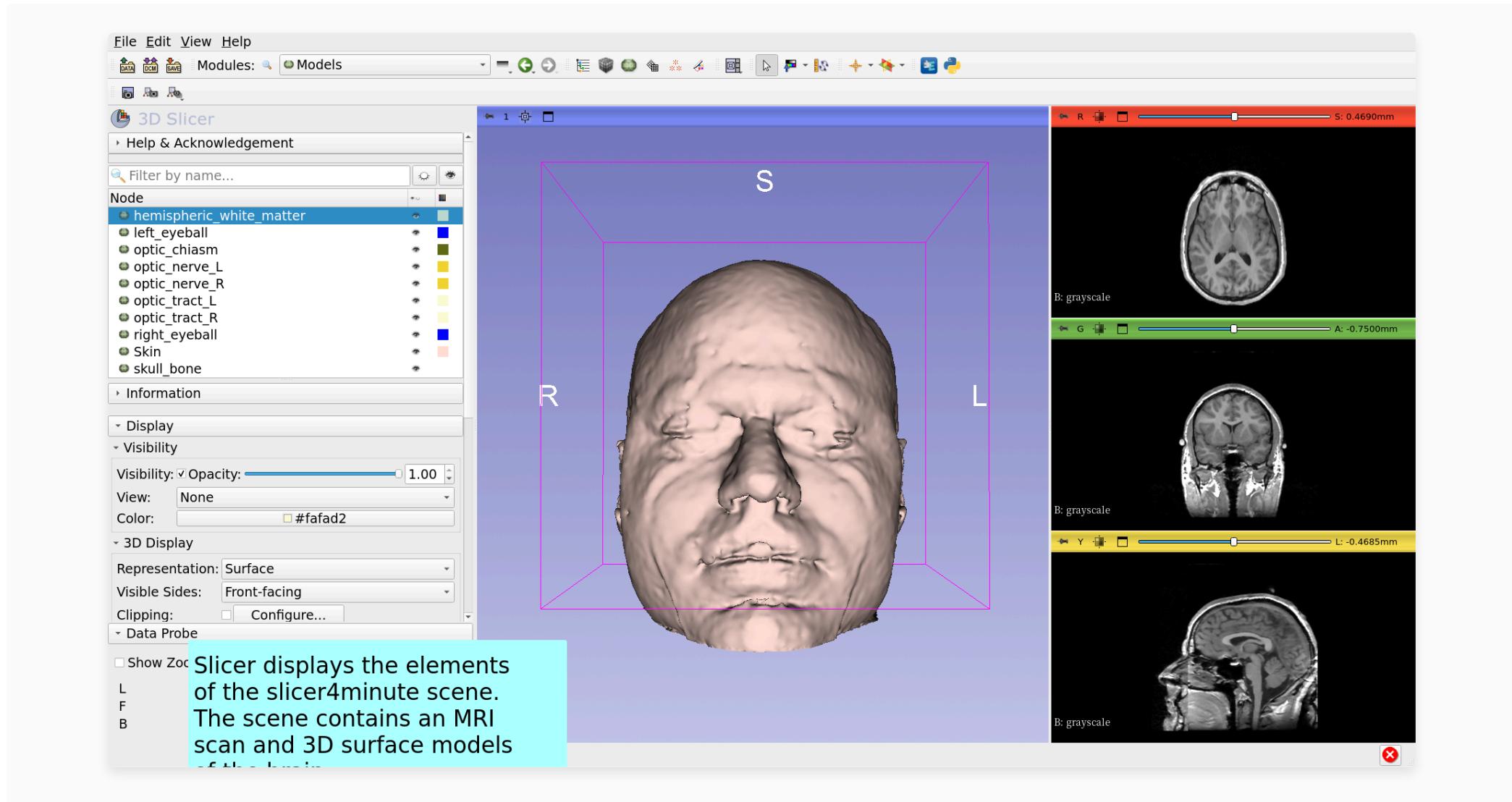
3D Slicer version 4.8



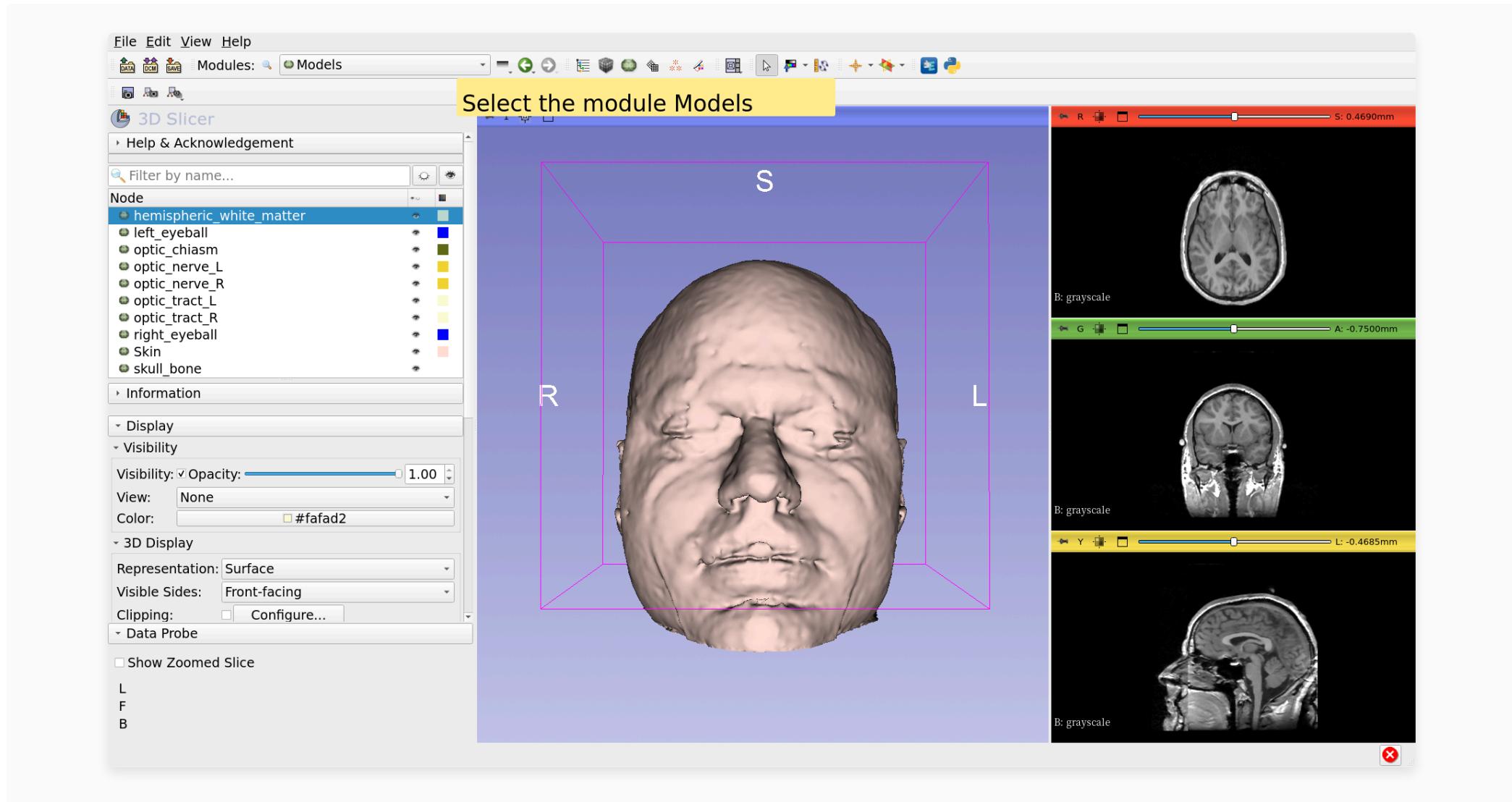
3D Slicer version 4.8



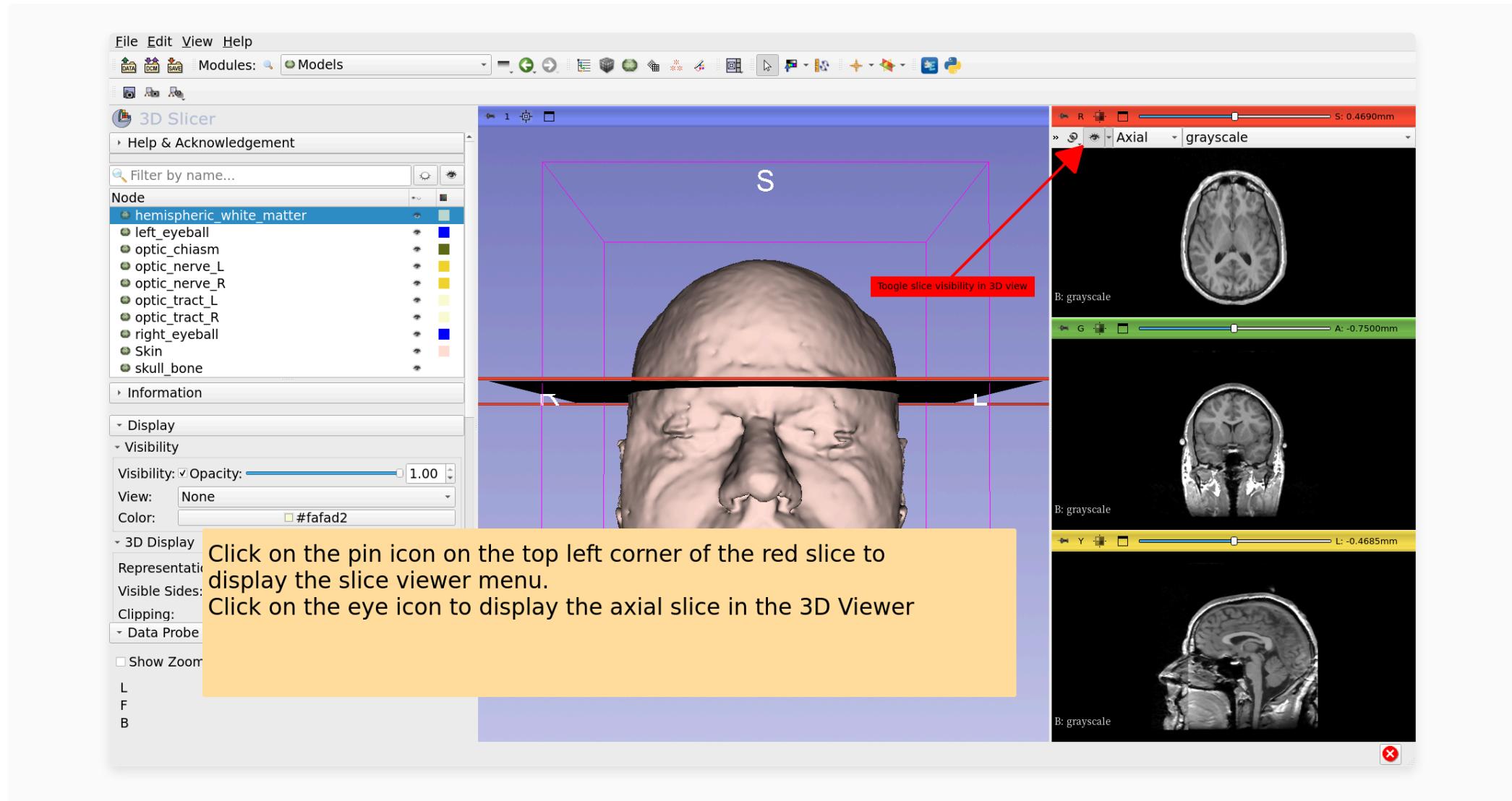
Slicer4minute Scene



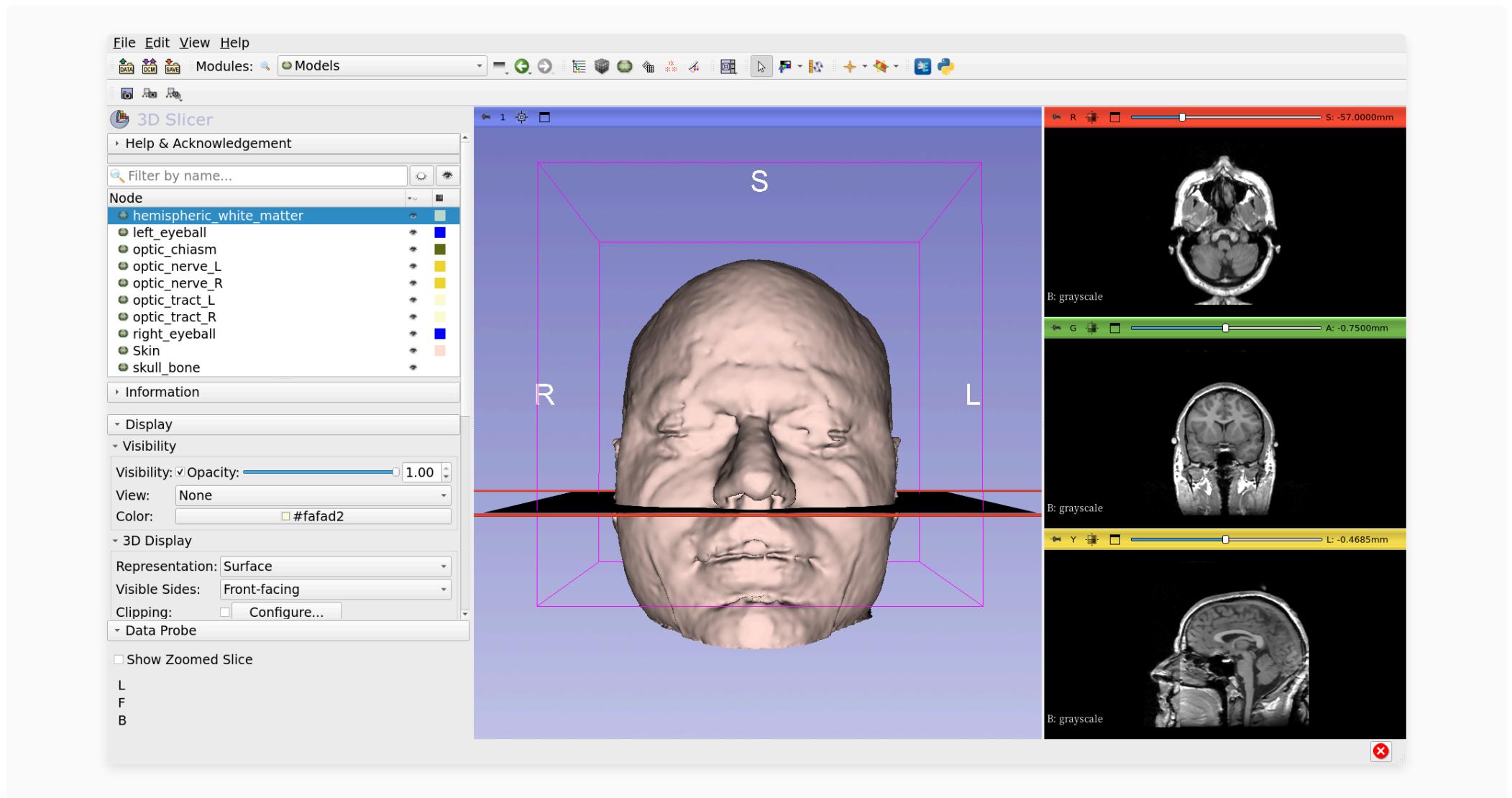
3D Visualization



3D Visualization



3D Visualization



3D Visualization

Select the Skin model and lower the its opacity using the Opacity slider in the 3D Display tab

Filter by name...

Node

- hemispheric_white_matter
- left_eyeball
- optic_chiasm
- optic_nerve_L
- optic_nerve_R
- optic_tract_L
- optic_tract_R
- right_eyeball
- Skin**
- skull_bone

Information

Display

Visibility

Visibility: Opacity: 0.50

View: None

Color: #ffcd3

3D Display

Representation: Surface

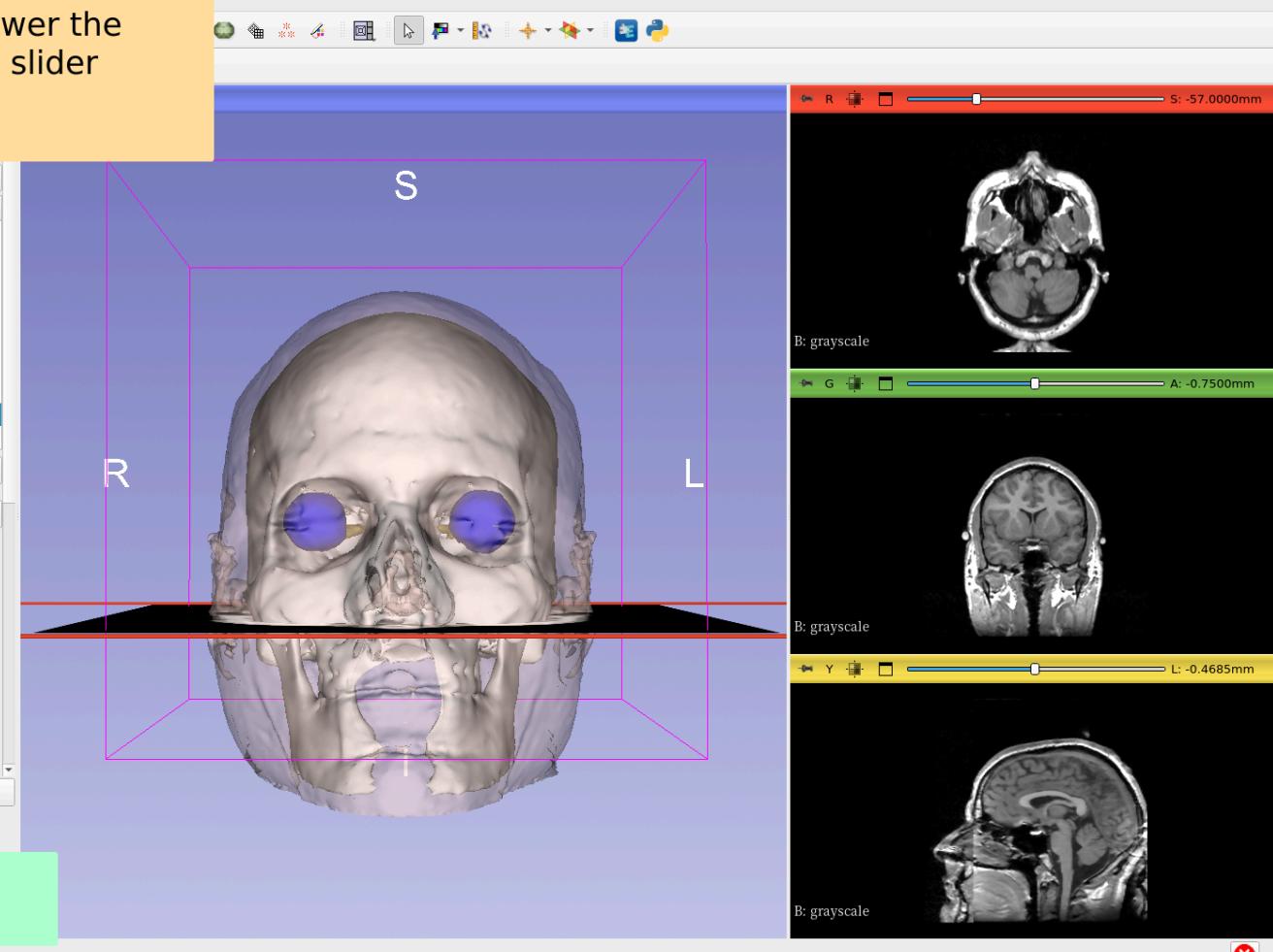
Visible Sides: Front-facing

Clipping: Configure...

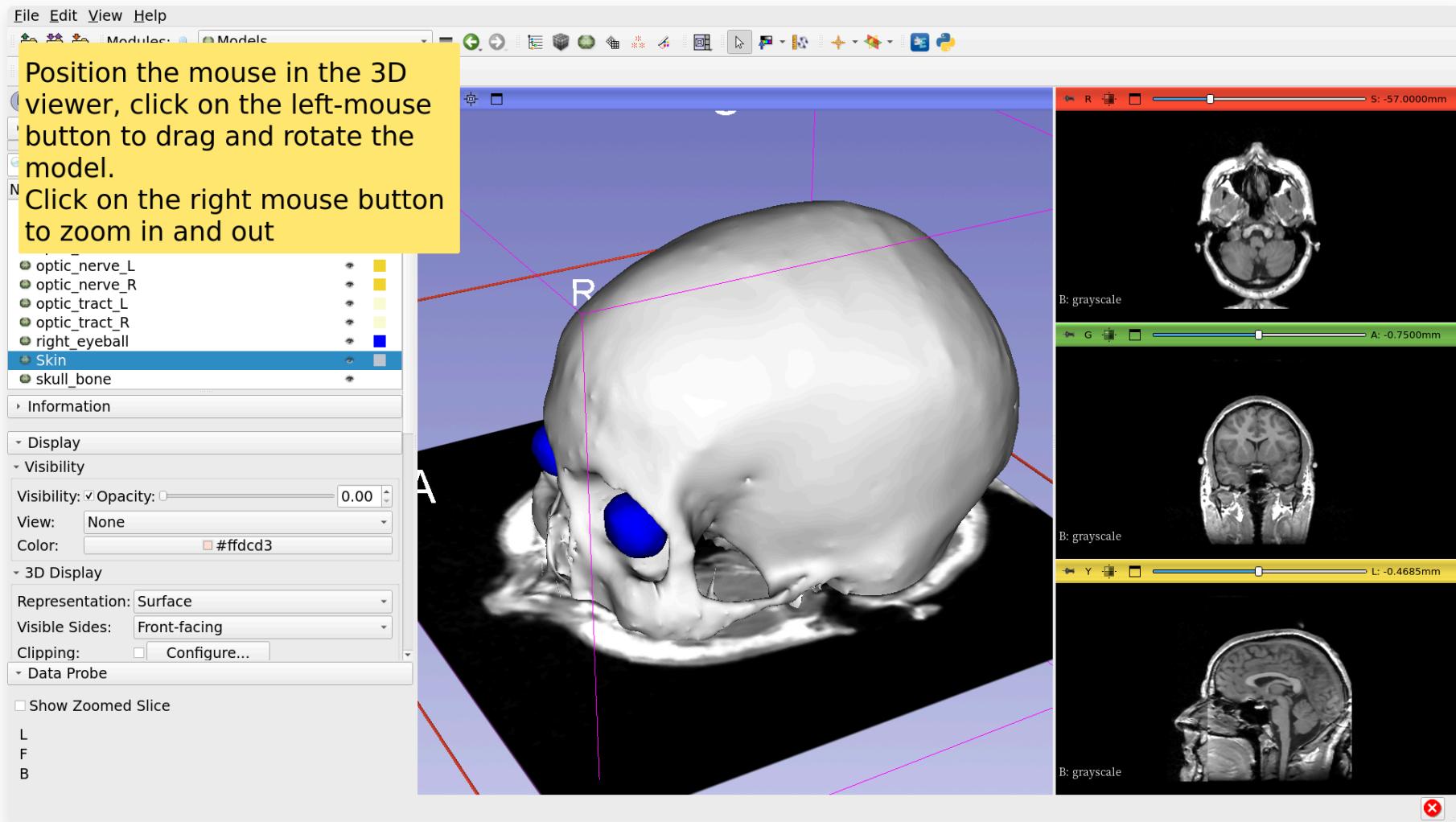
Data Probe

Show Zoomed Slice

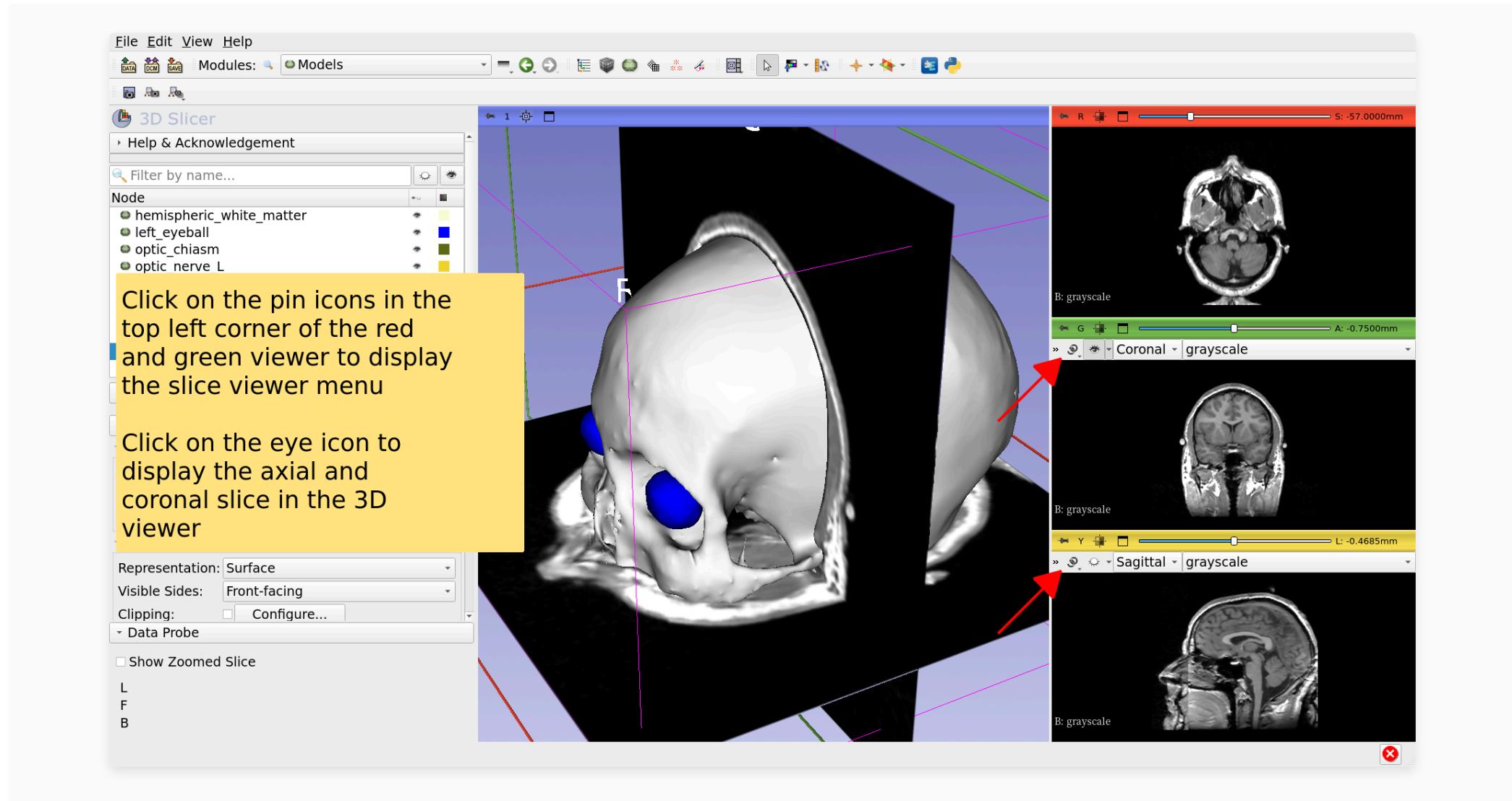
L F B The skull_bone.vtk model appears through the skin.



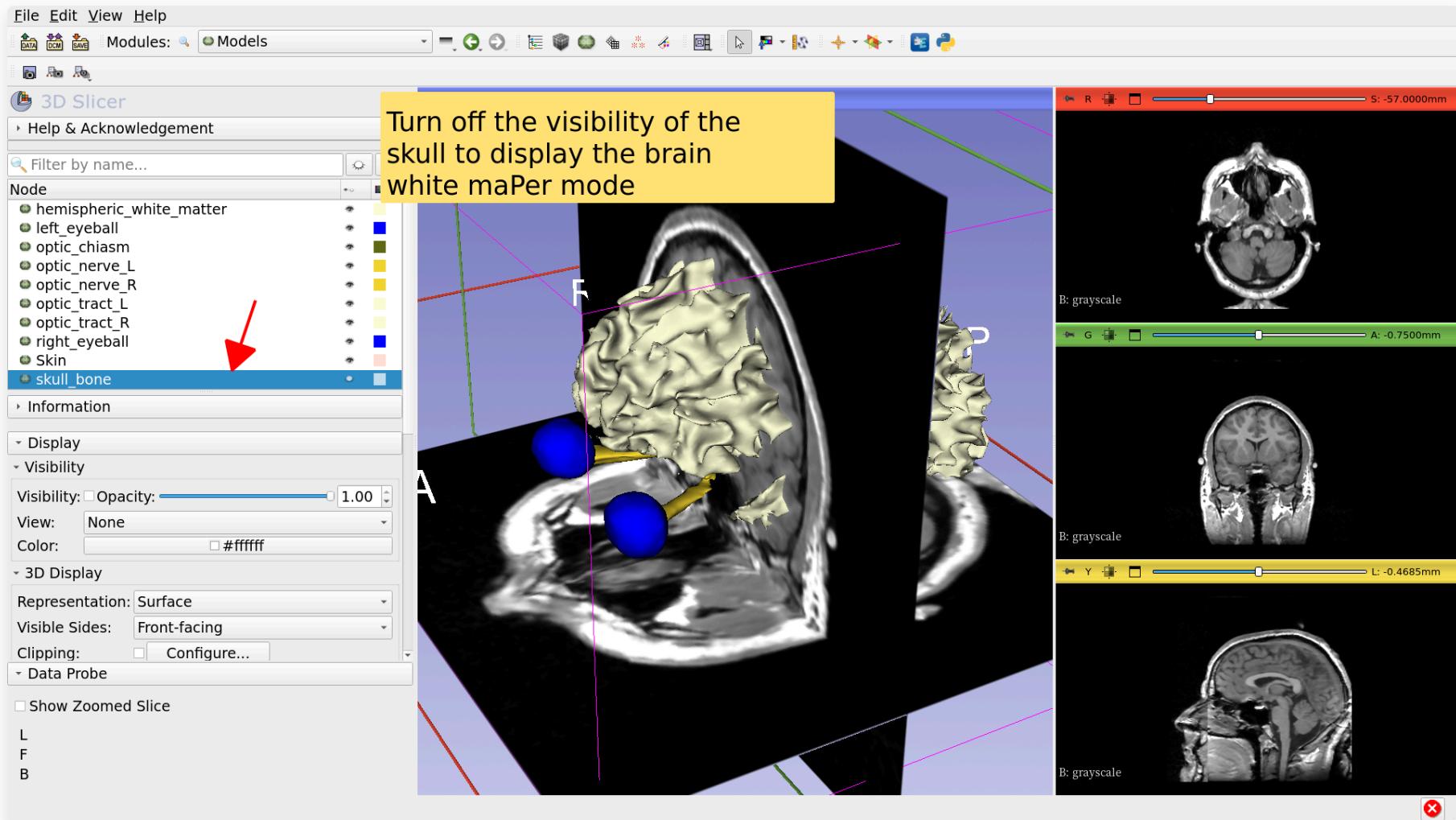
3D Visualization



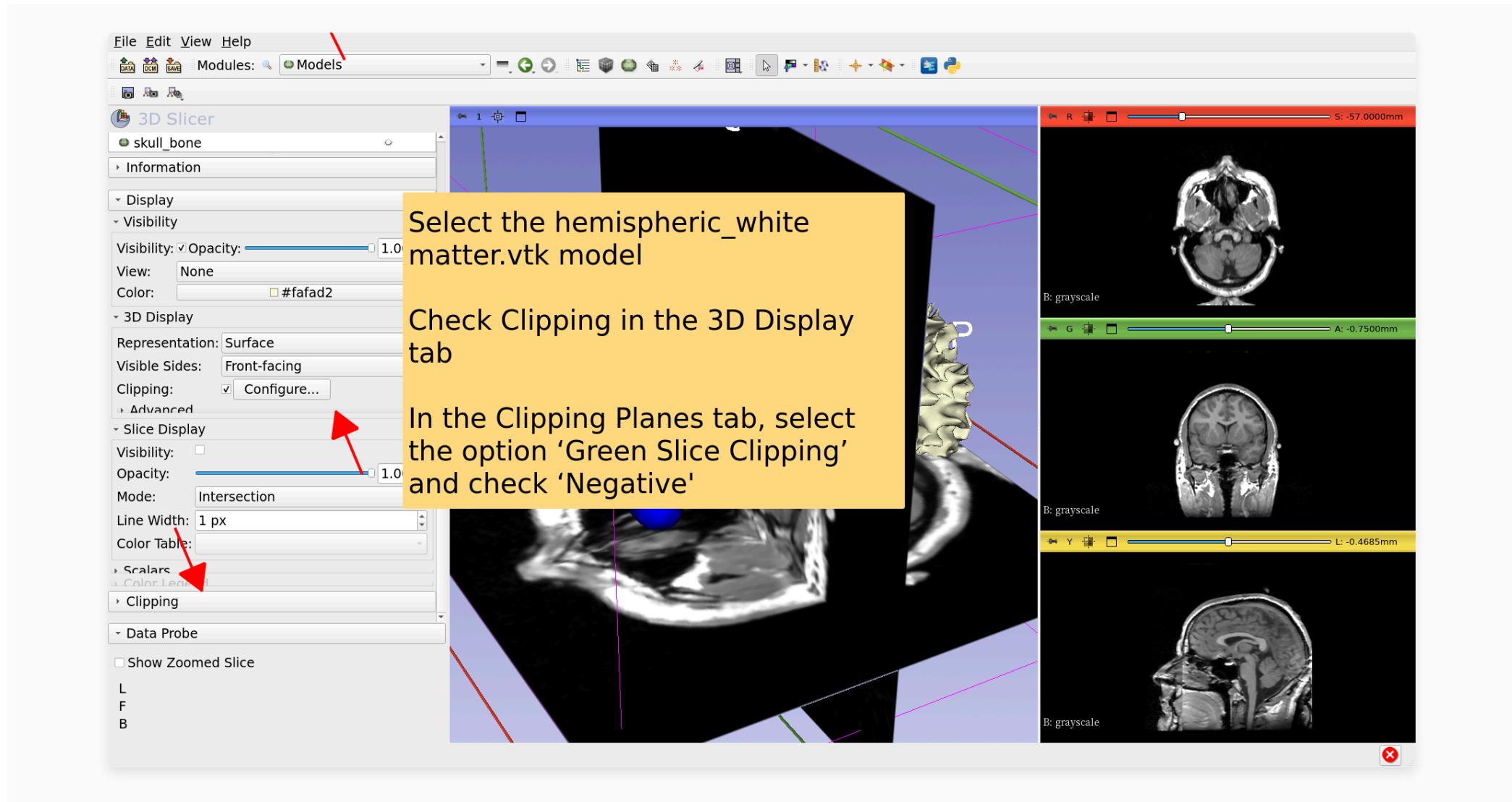
Anatomical views



3D Visualization



3D Visualization



Acknowledgements

National Alliance for Medical Imaging Computing

NIH U54EB005149

Neuroimage Analysis Center

NIH P41EB015902

Chan Zuckerberg Initiative

Essential Open Source for Science Grant #2022-
252572 (5022)