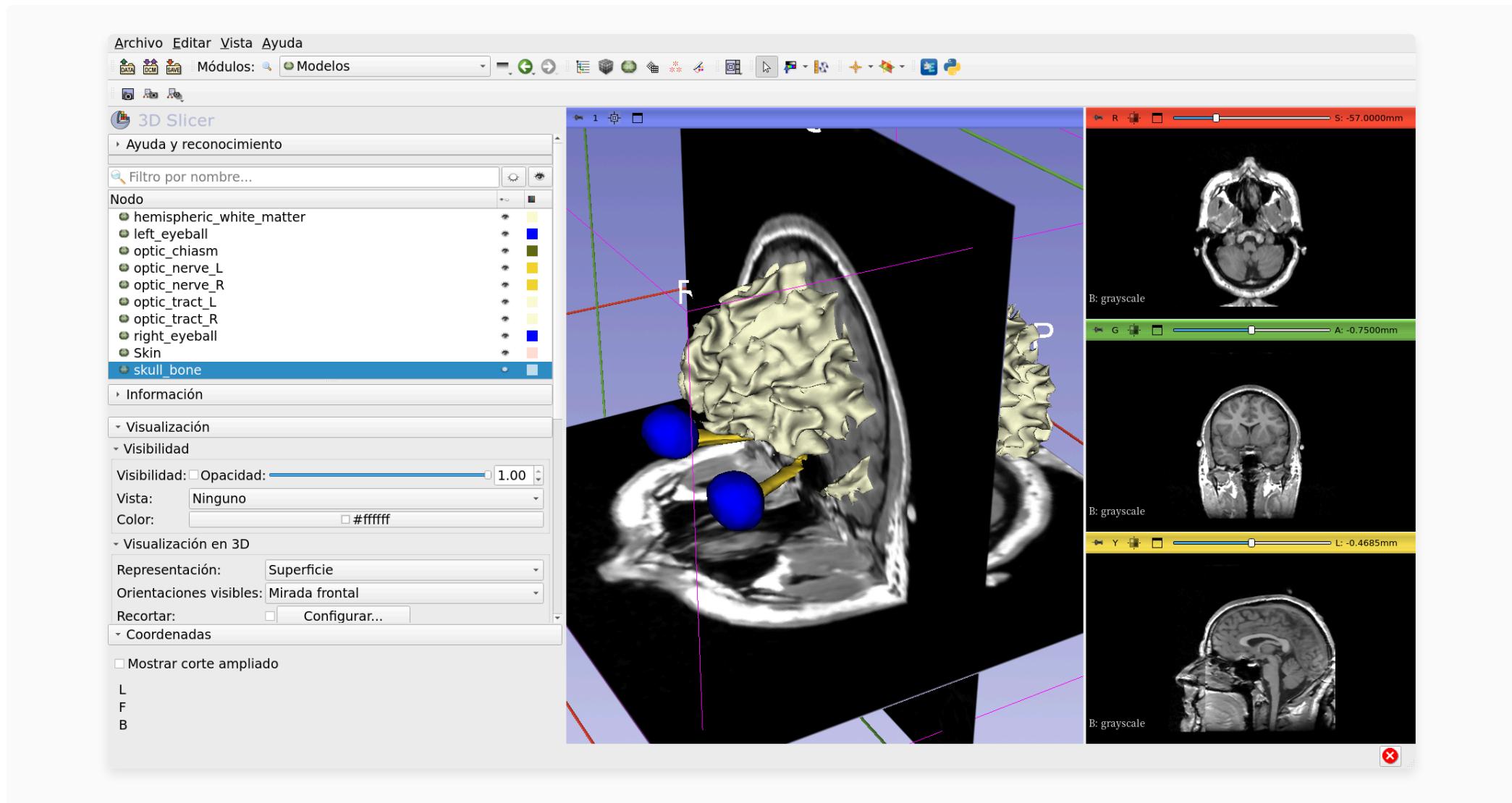


# Slicer4 Minute

Sonia Pujol, Ph.D

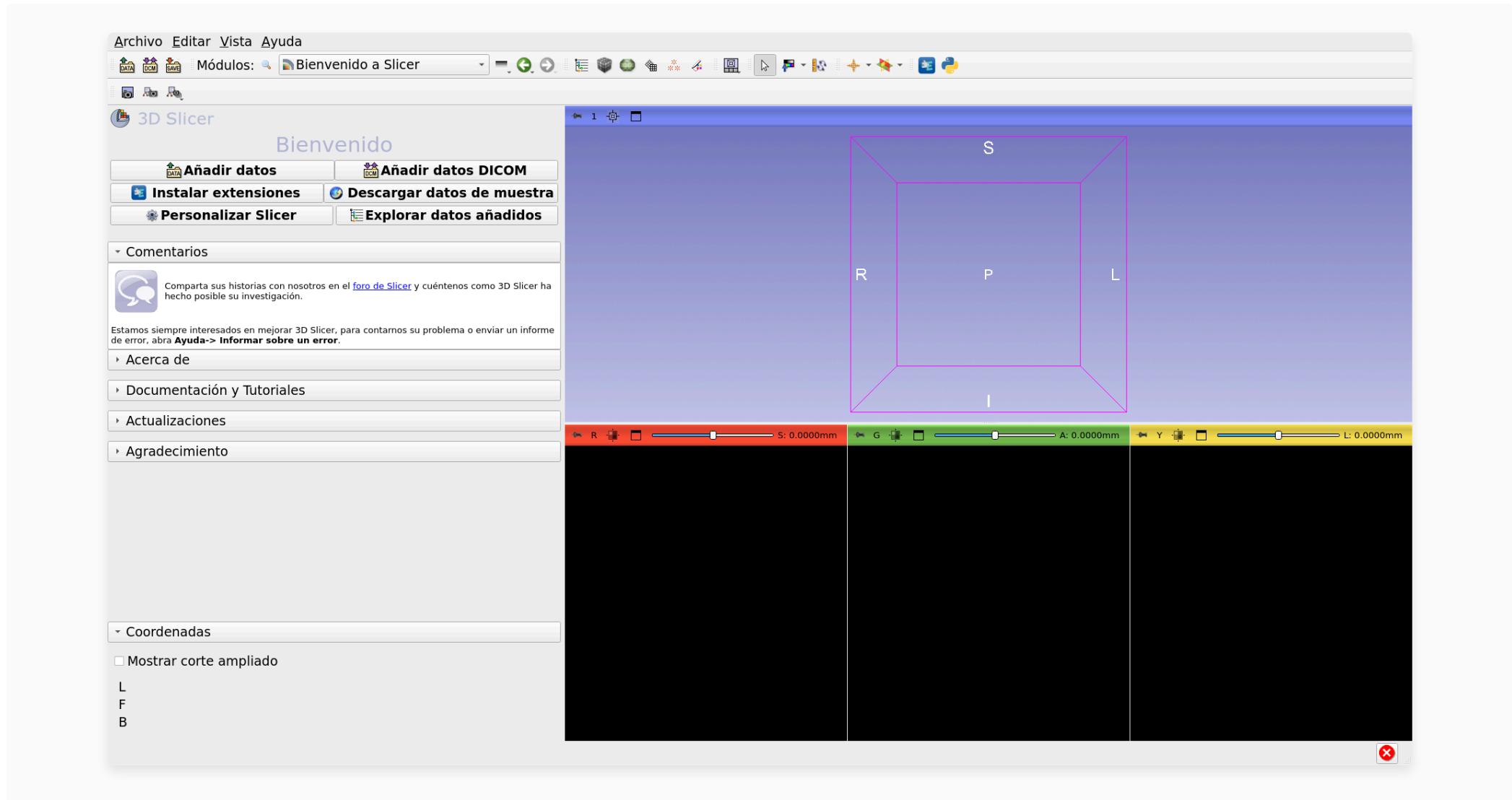
Assistant Professor of Radiology Brigham and  
Women's Hospital Harvard Medical School

# Slicer4 minute tutorial



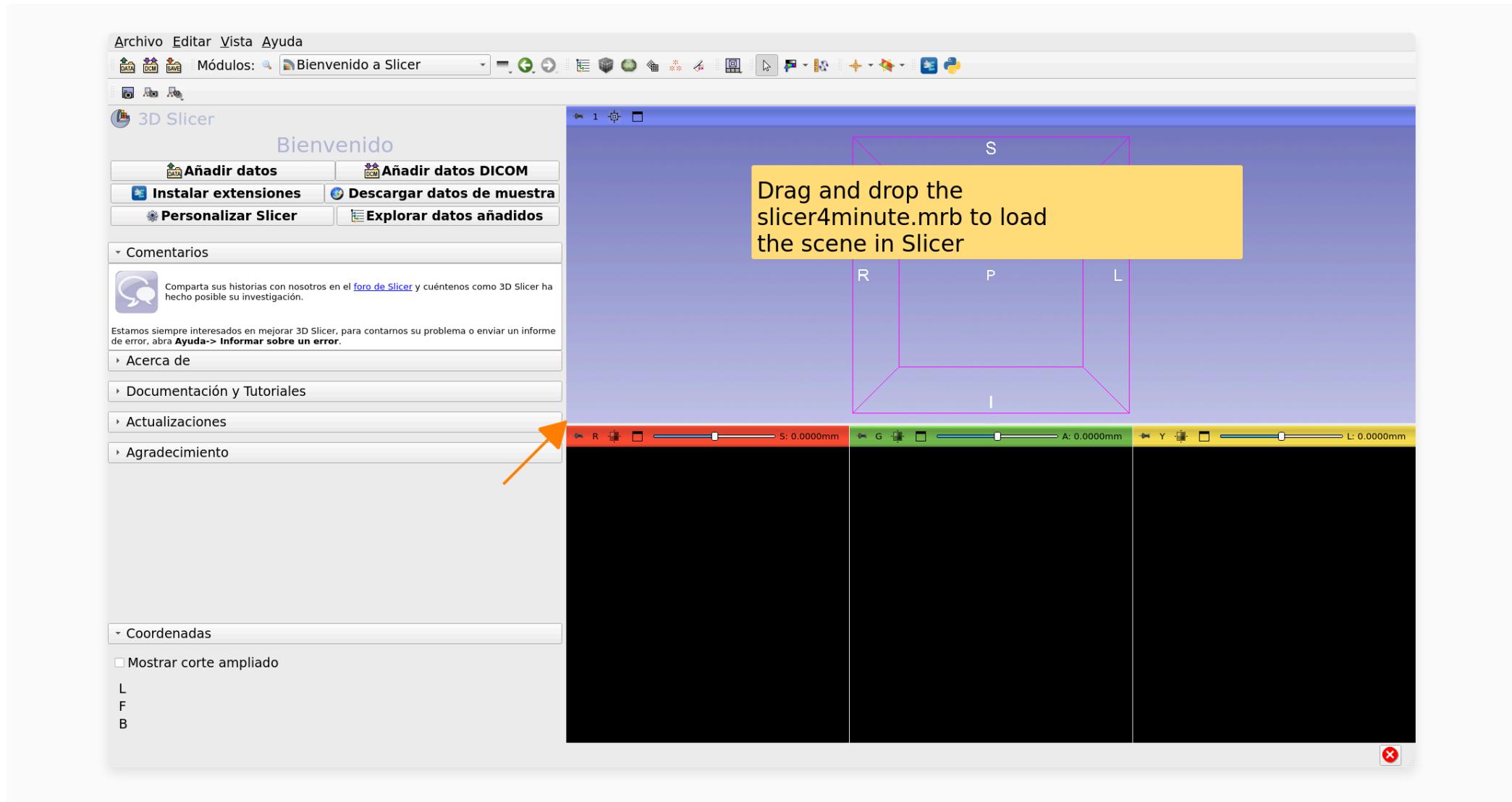
This tutorial is a 4-minute introduction to the 3D visualization capabilities of the Slicer3 software for medical image analysis.

# 3D Slicer version 4.8



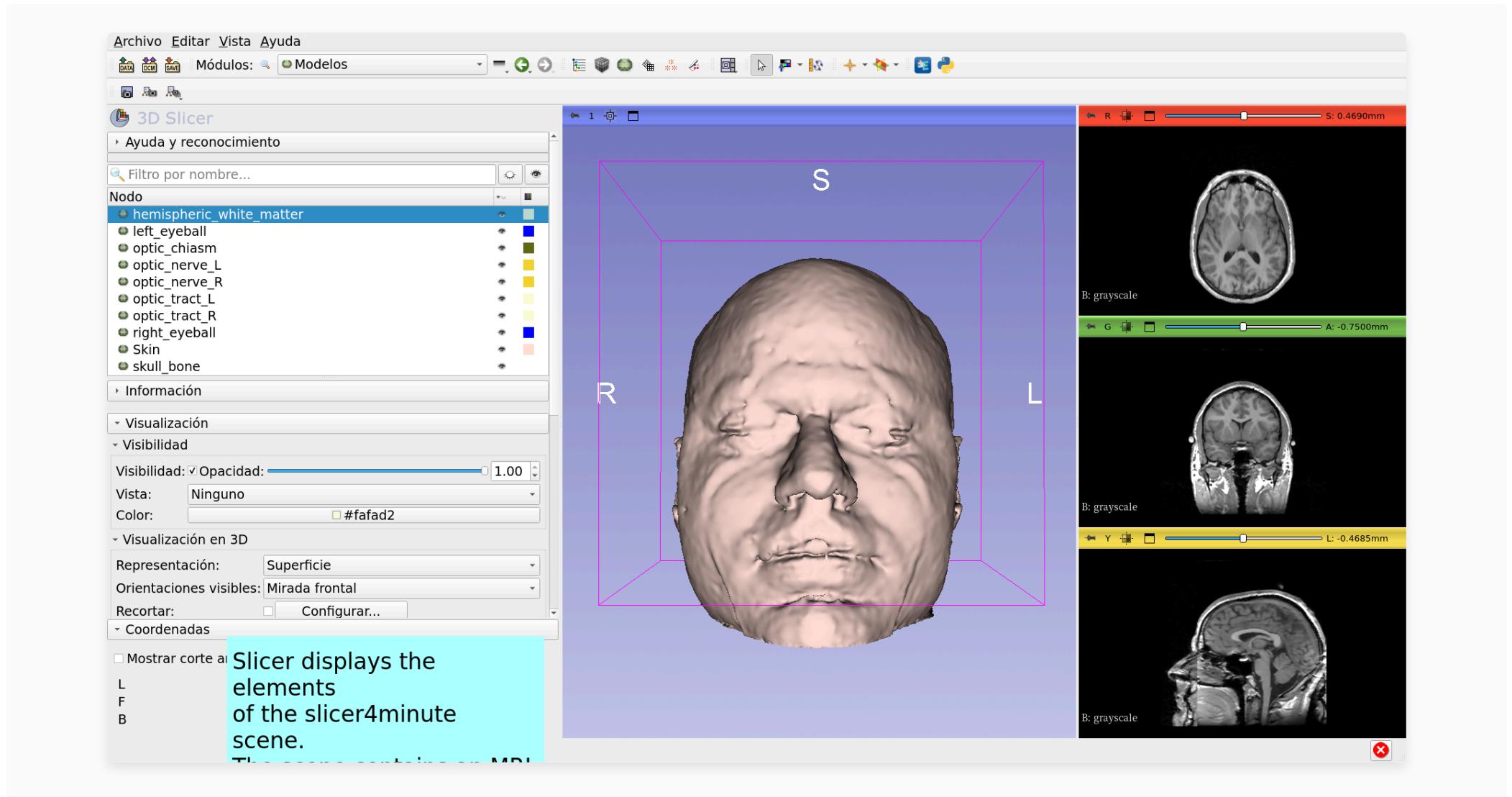


# 3D Slicer version 4.8



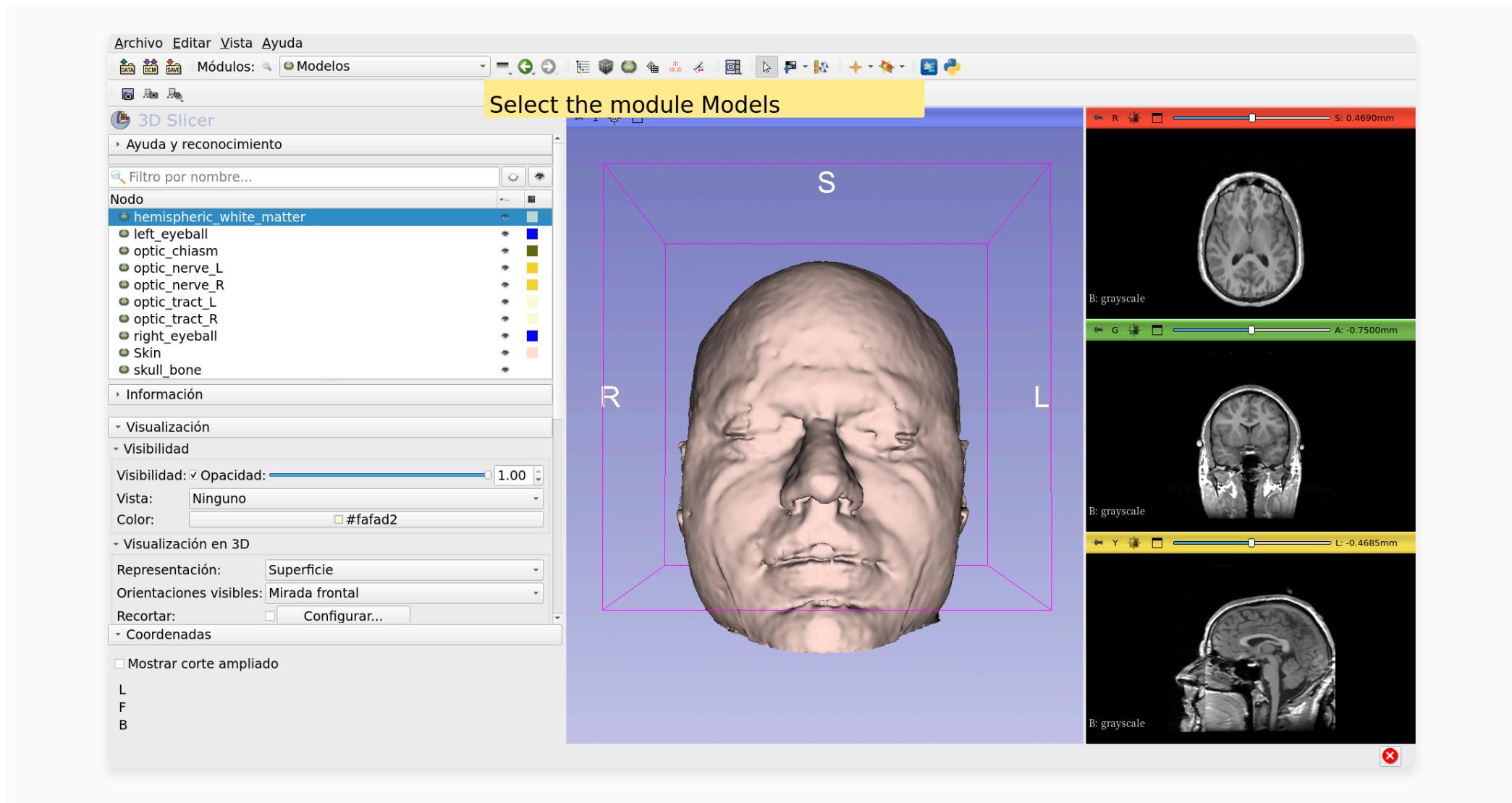


# Slicer4minute Scene



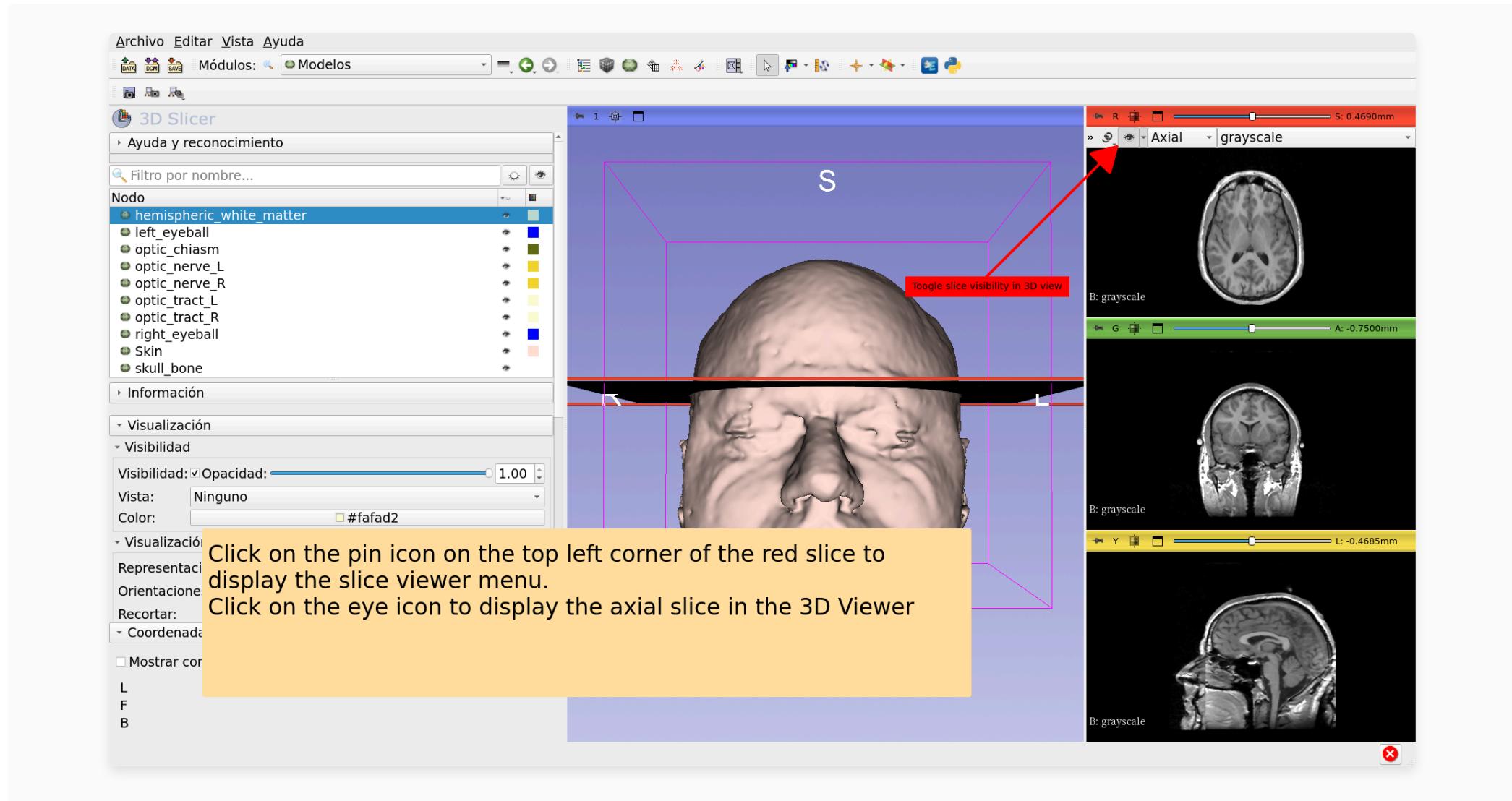


# 3D Visualization



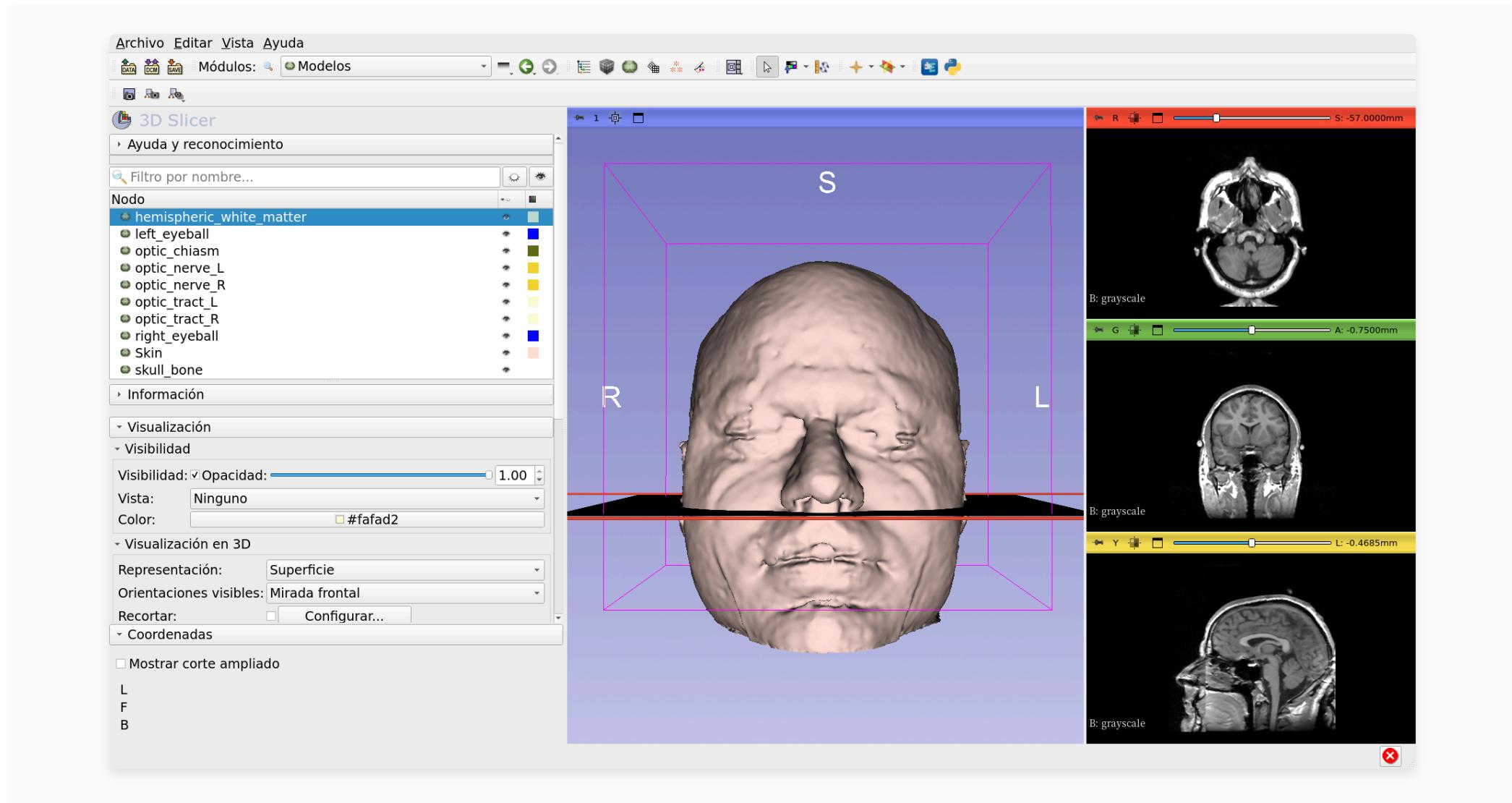


# 3D Visualization





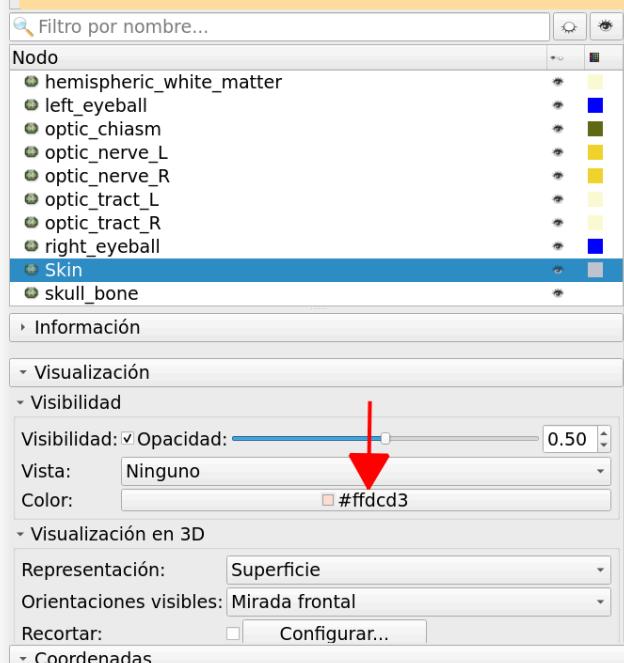
# 3D Visualization



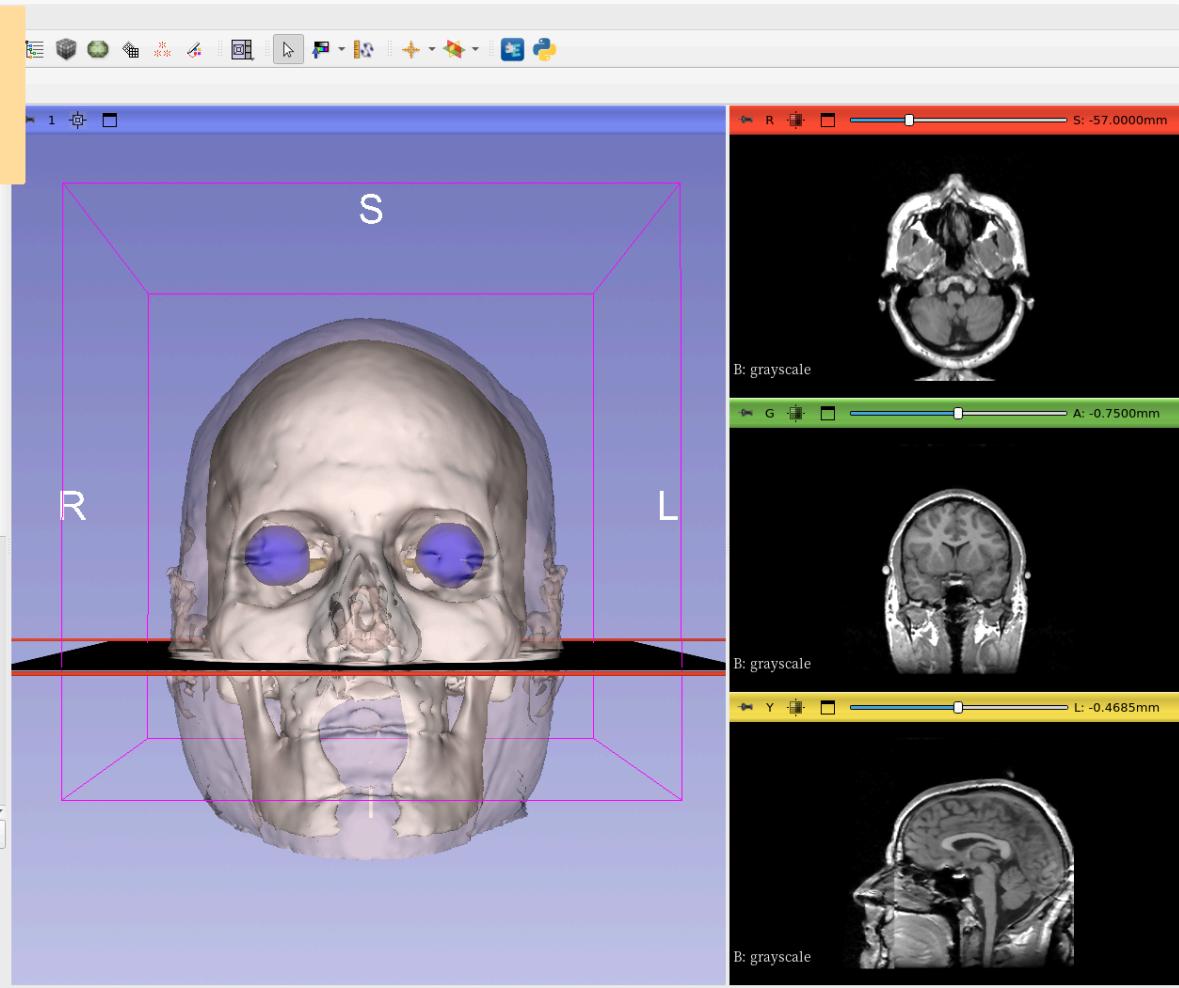


# 3D Visualization

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

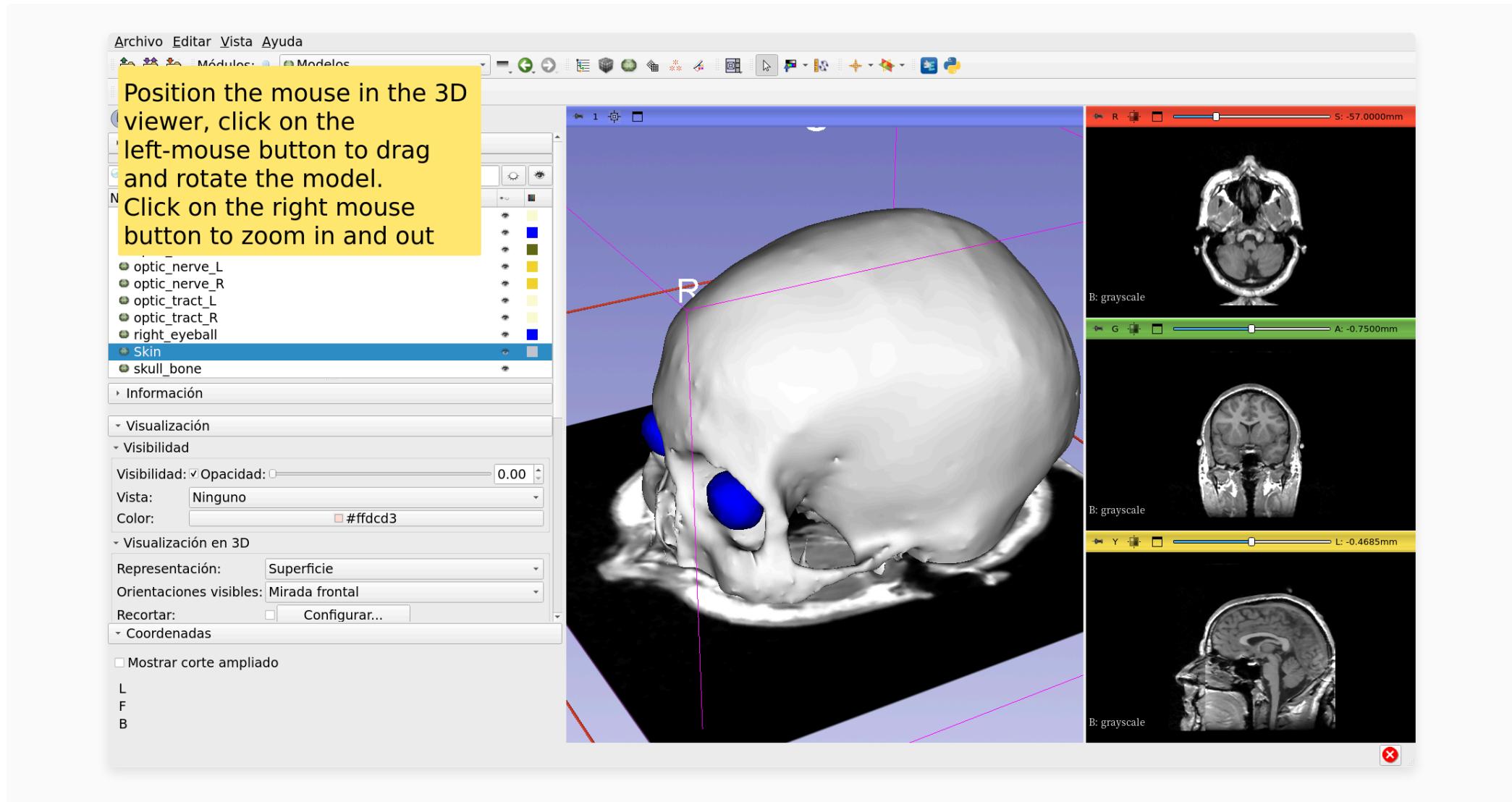


L  
F  
B The skull\_bone.vtk model appears through the skin.



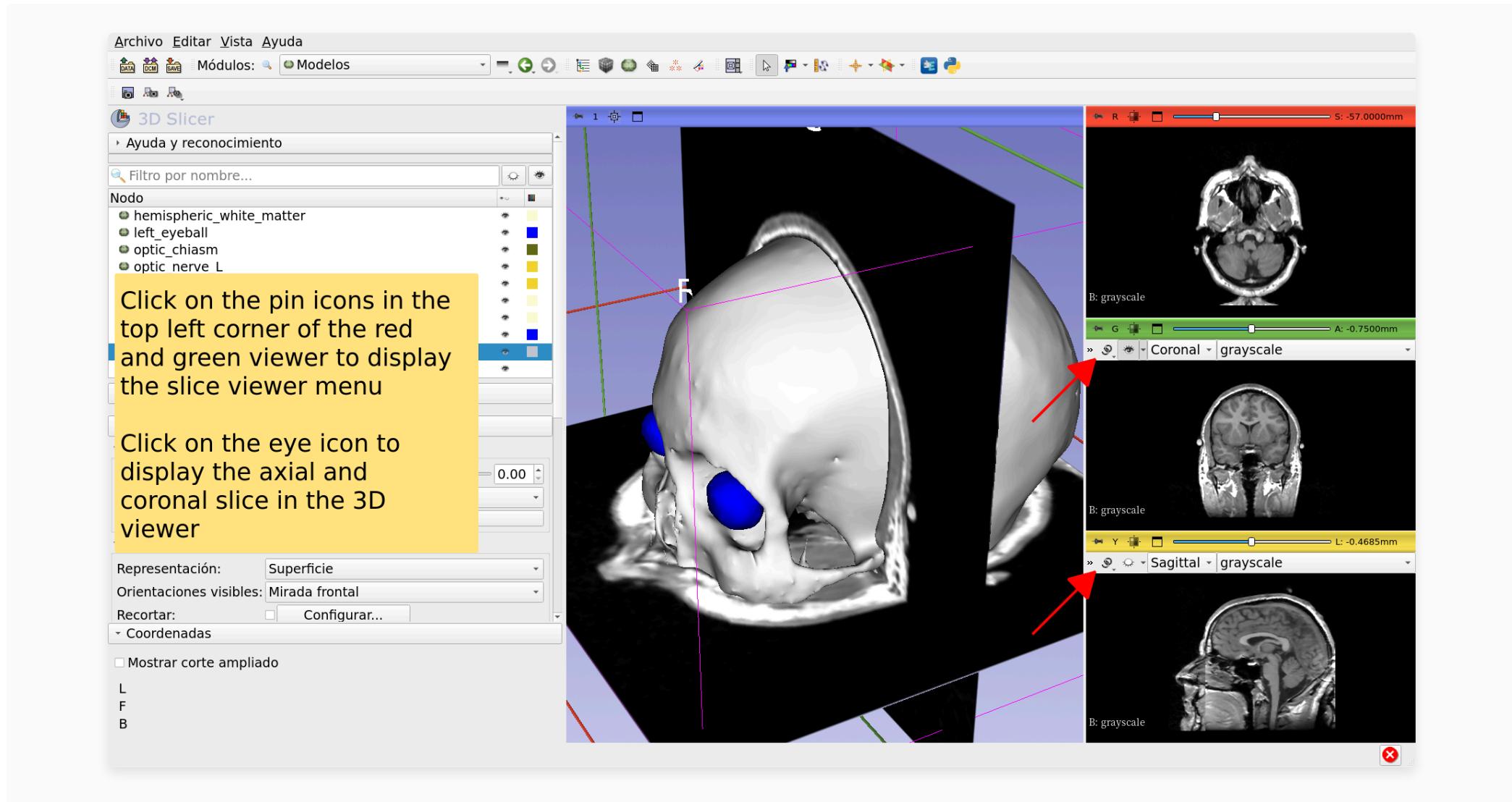


# 3D Visualization



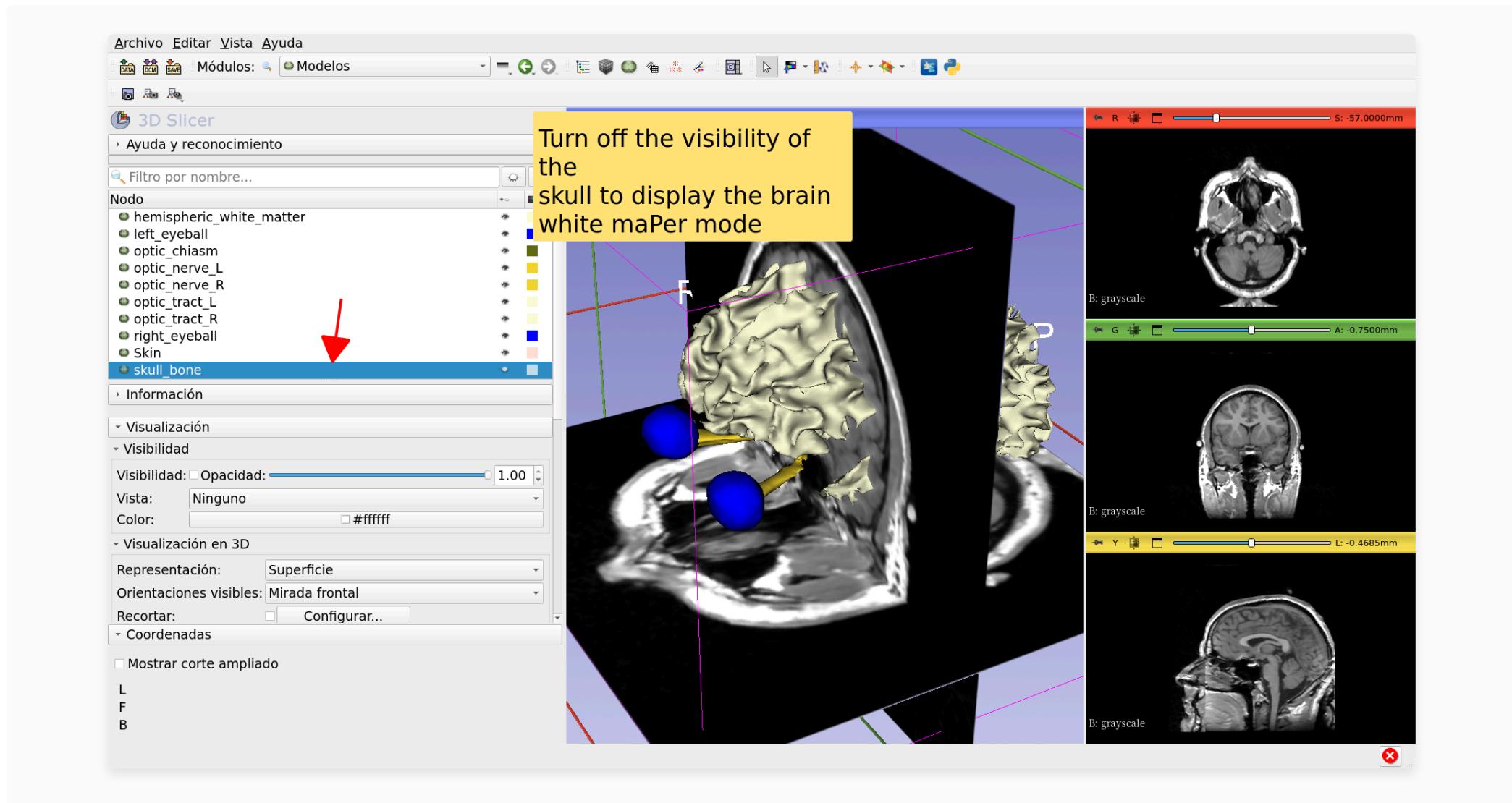


# Anatomical views



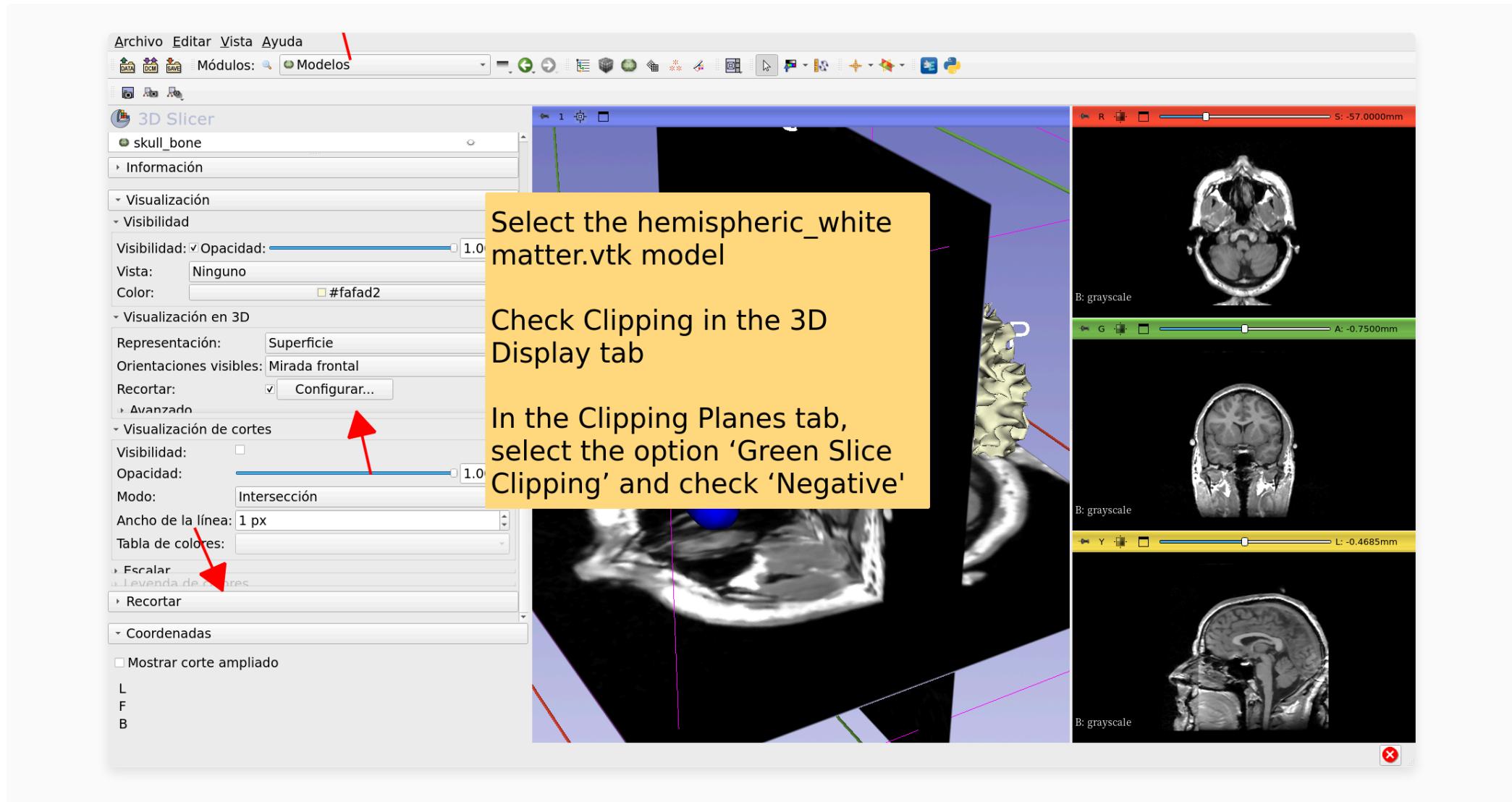


# 3D Visualization





# 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)