

# Slicer4 Minute

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# Slicer4 minute tutorial

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This tutorial is a 4-minute introduction to the 3D visualization capabilities of the Slicer5 software for medical image analysis.

# Slicer5 software & dataset

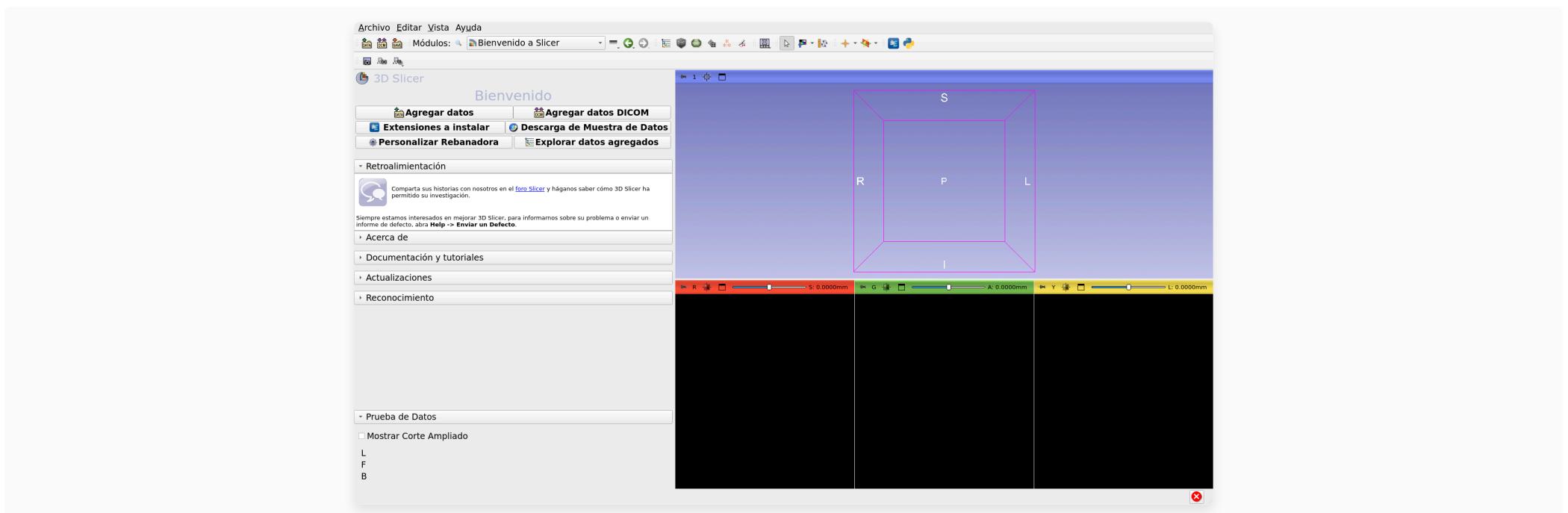
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\*Download the Slicer5 software available at <http://download.slicer.org>

\*Download the Slicer4minute dataset available at  
<https://www.slicer.org/wiki/Documentation/4.10/Training>

# 3D Slicer version 5

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## **Slicer muestra los elementos de la escena de slicer4minute. La escena contiene una resonancia magnética y modelos de superficie 3D del cerebro.**

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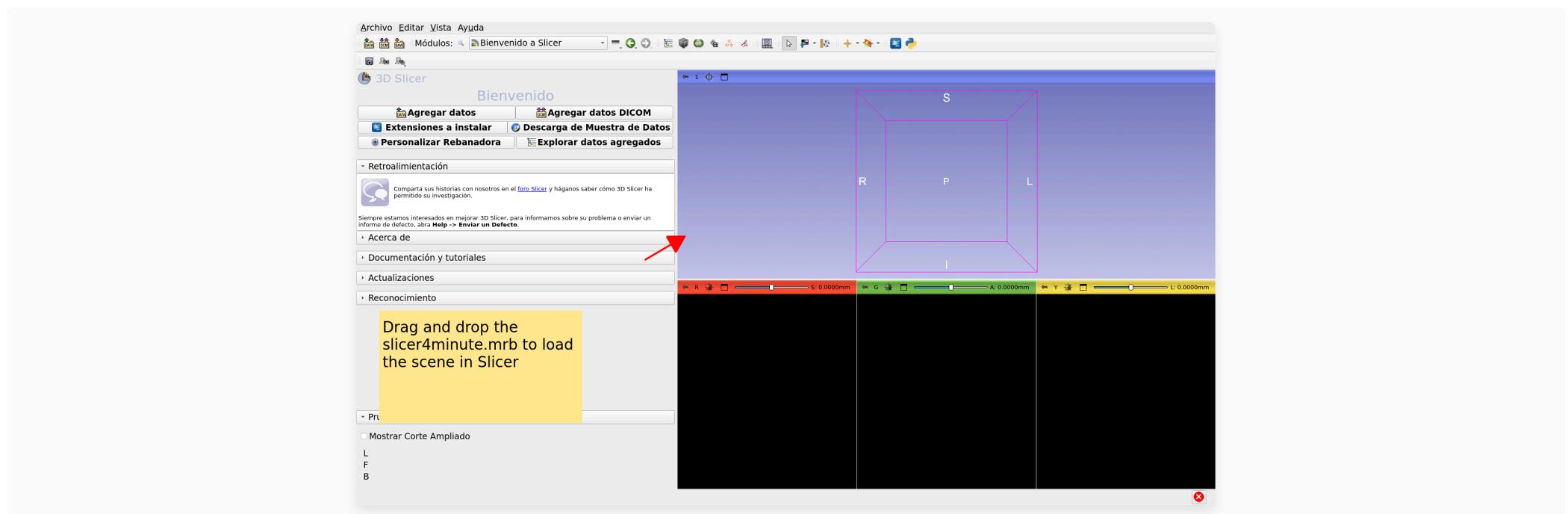
\*A Slicer scene is a MRML (Medical Reality Modeling Language) file that contains a list of elements loaded into Slicer (volumes, models, fiducials, transforms, etc.)

\*In the following example, we use a scene 'Slicer4minute.mrml' composed of an MRI scan and 3D models of the head.

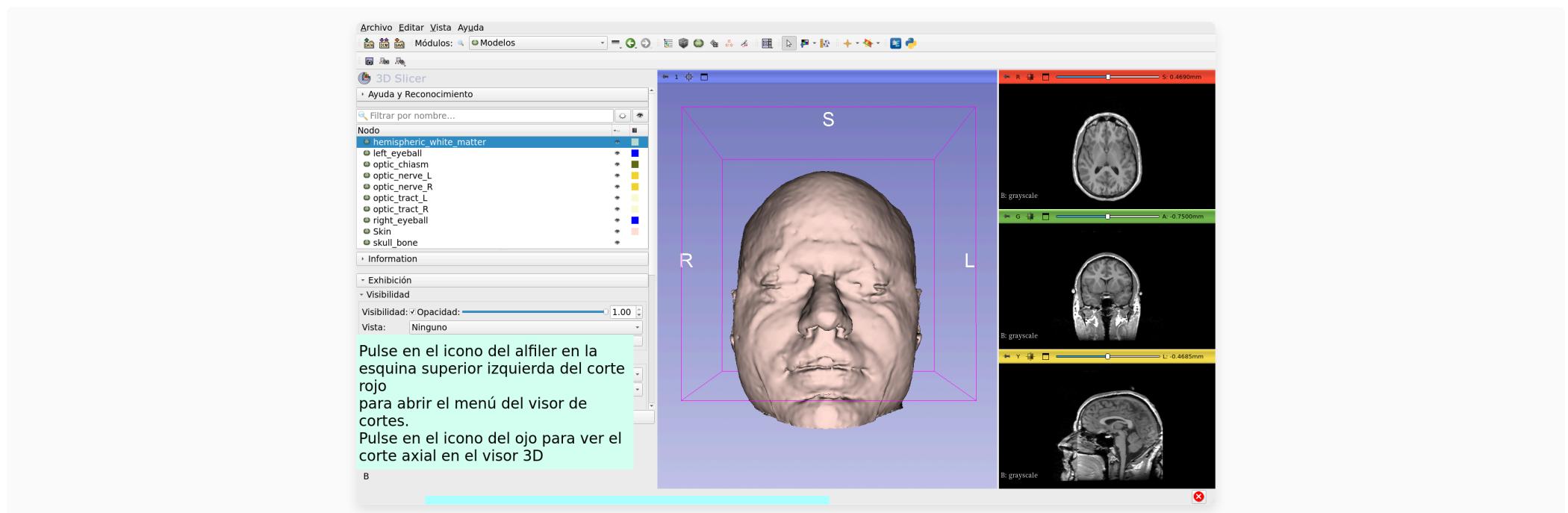
\*The scene file and datasets have been saved as a MRB (Medical Reality Bundle) file.

\*The MRB file format is Slicer's archive file format.

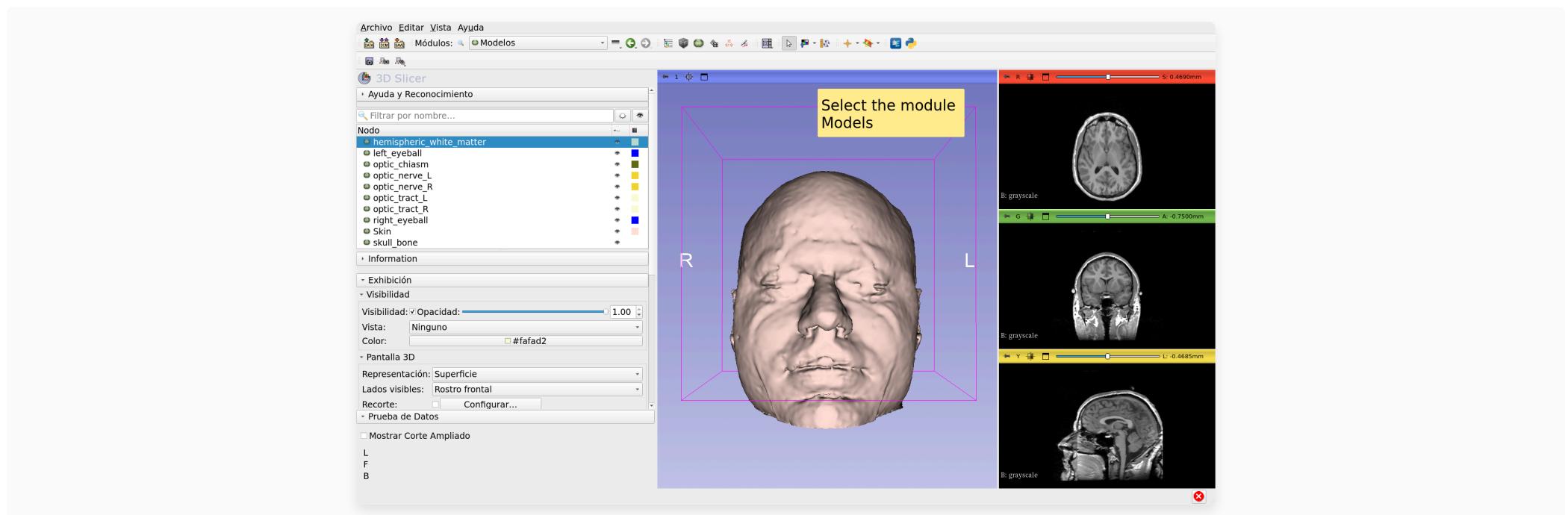
# Loading the Slicer4minute dataset



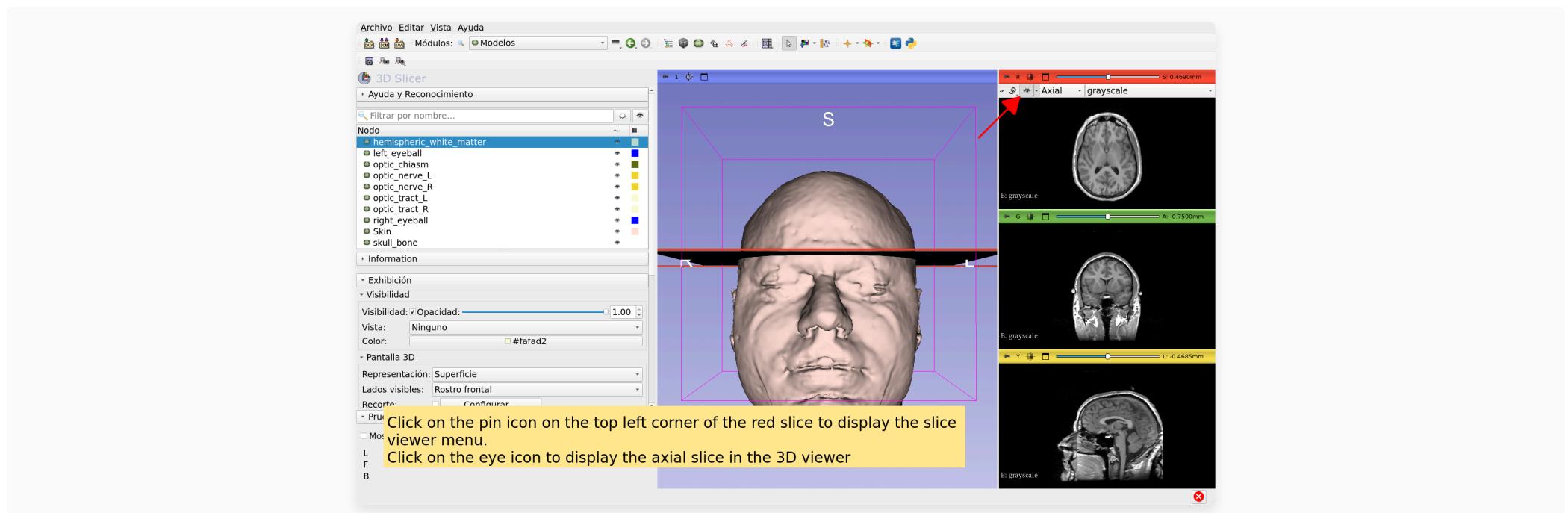
# Escena Slicer4minute



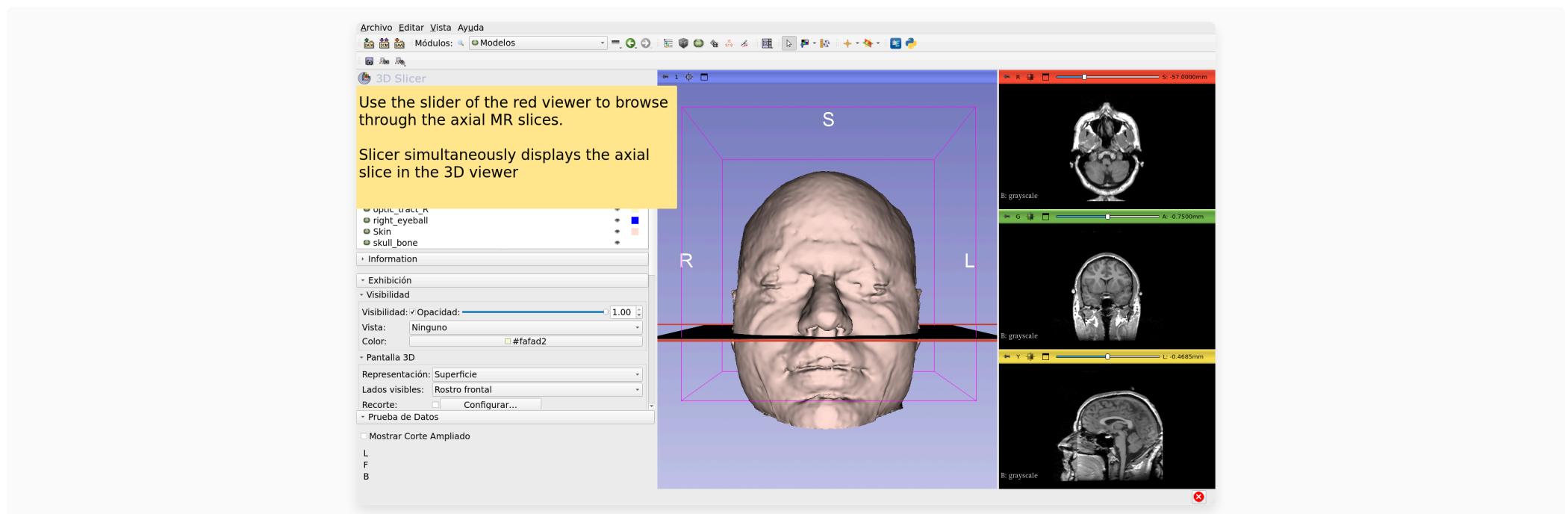
# Visualización 3D



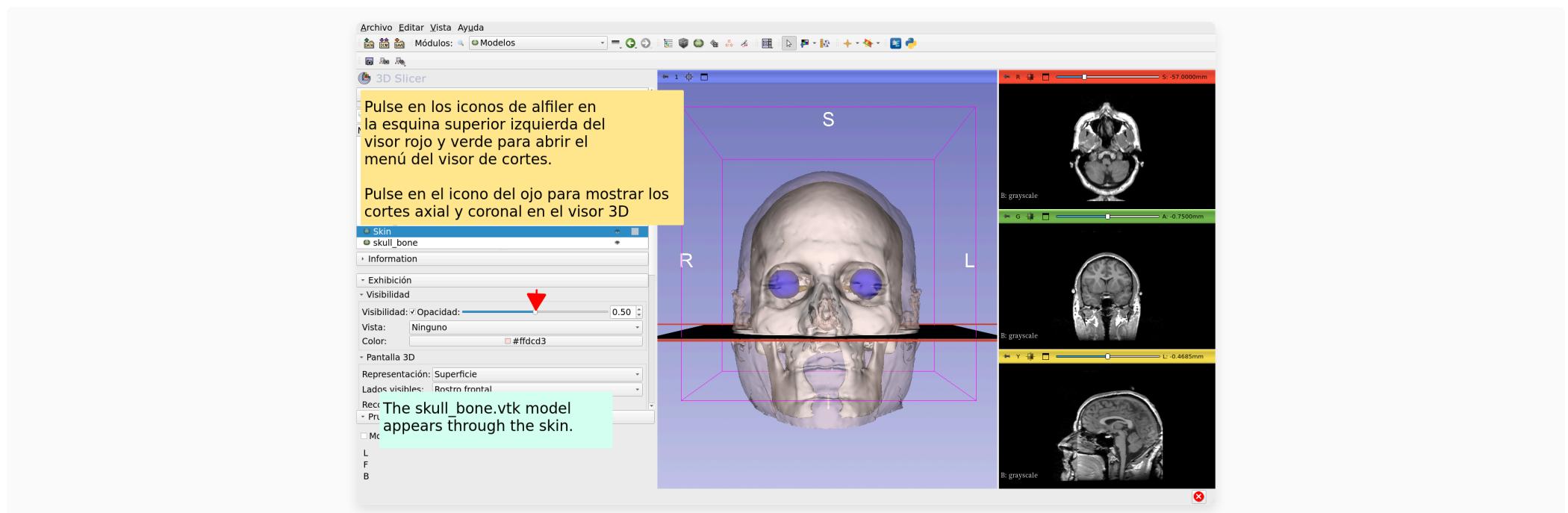
# 3D visualization



# Visualización 3D

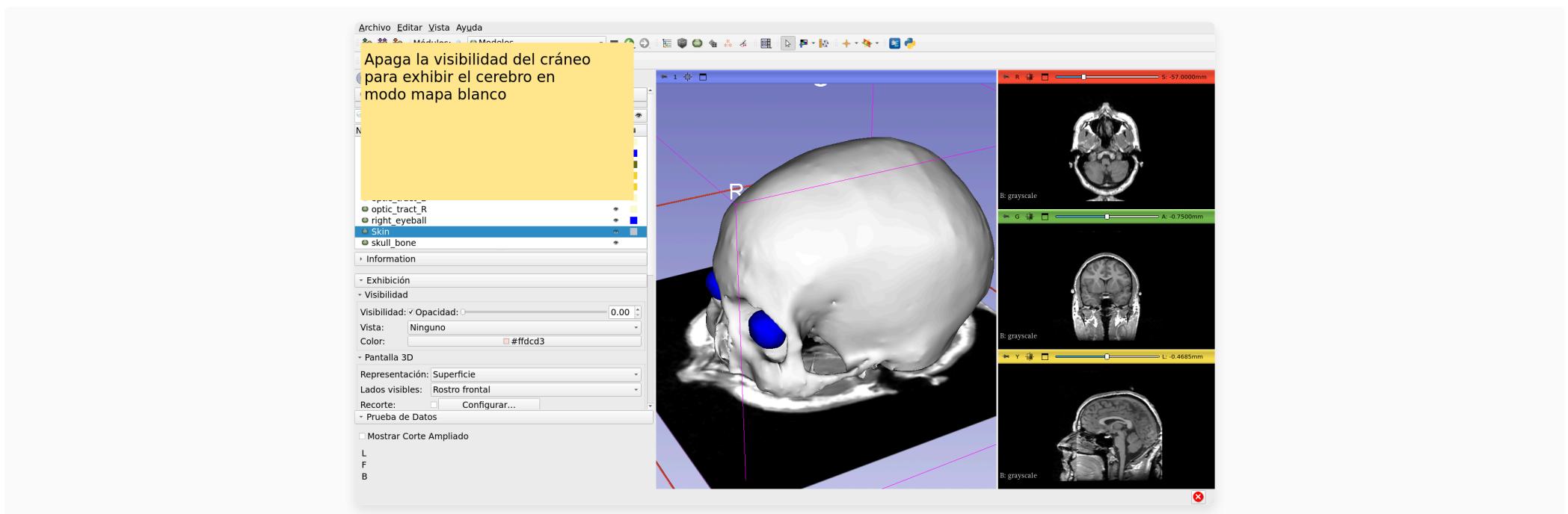


# Visualización 3D

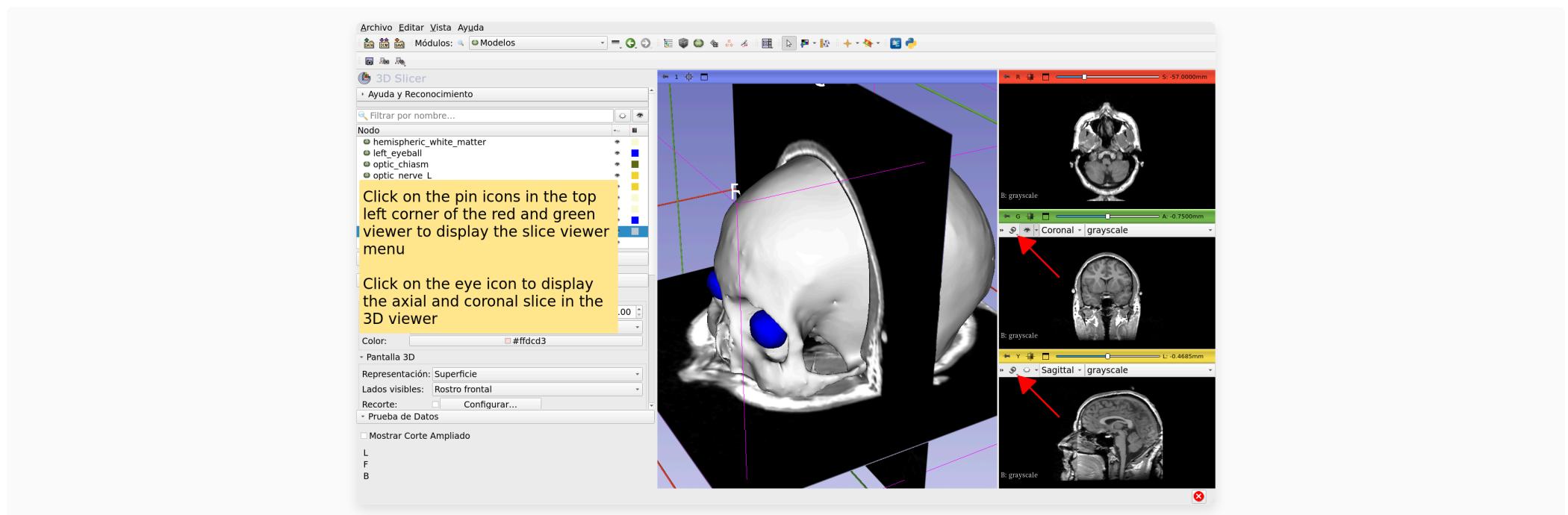


# Visualización 3D

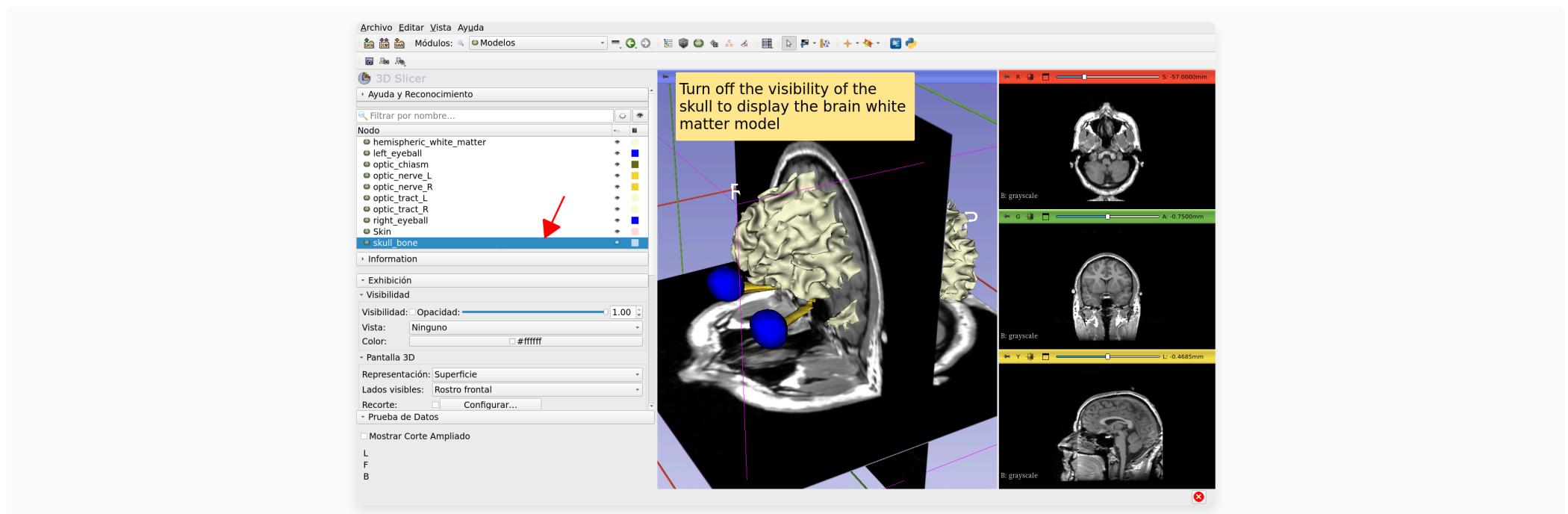
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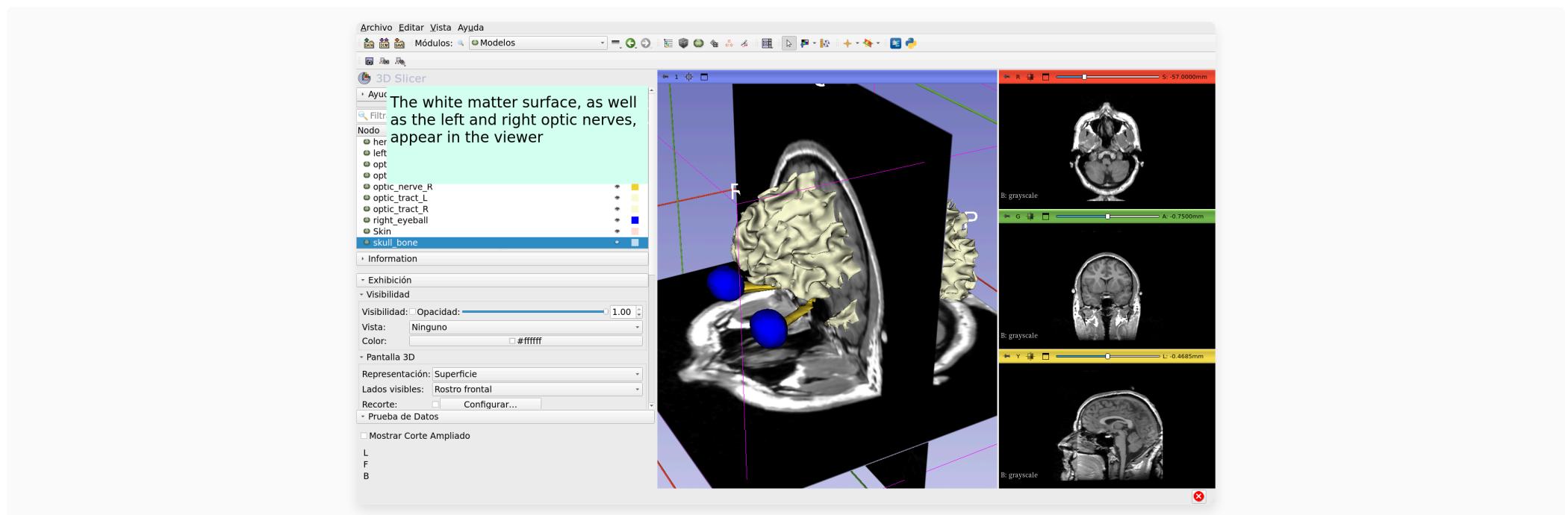
# Anatomical Views



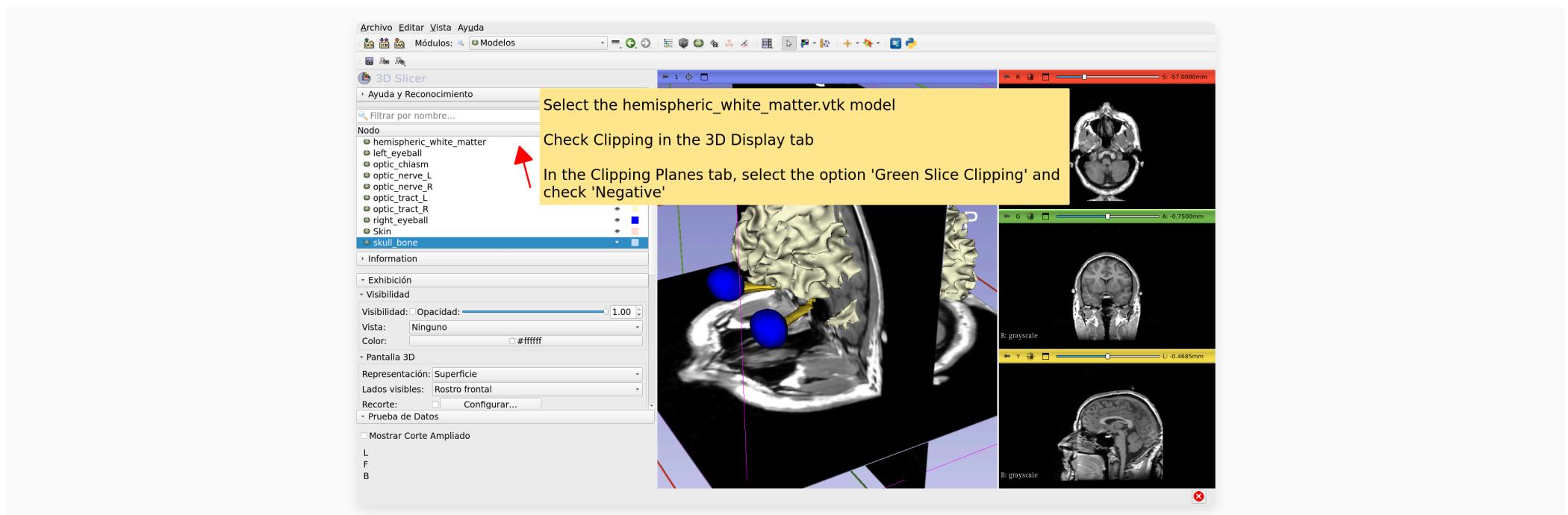
# Visualización 3D



# Visualización 3D



# Visualización 3D



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\*This tutorial was a short introduction on interactive 3D visualization of MRI data and 3D models in Slicer.

\*The Slicer5 training compendium contains a series of tutorials and pre-computed datasets to learn how to use the software.

# Agradecimientos

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