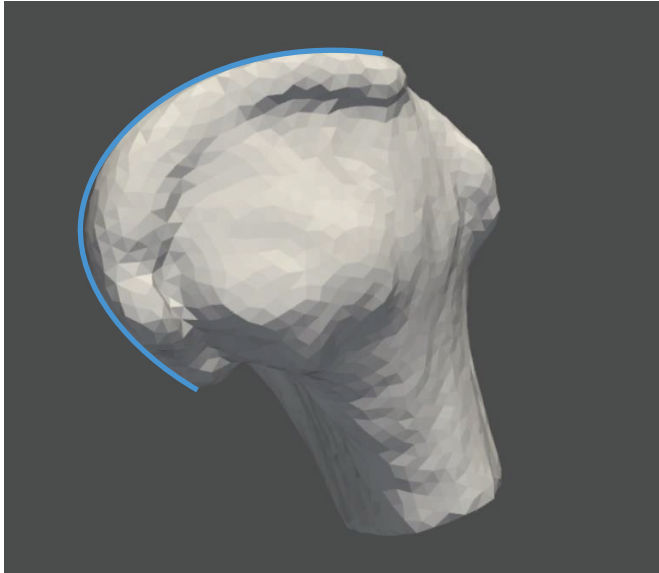
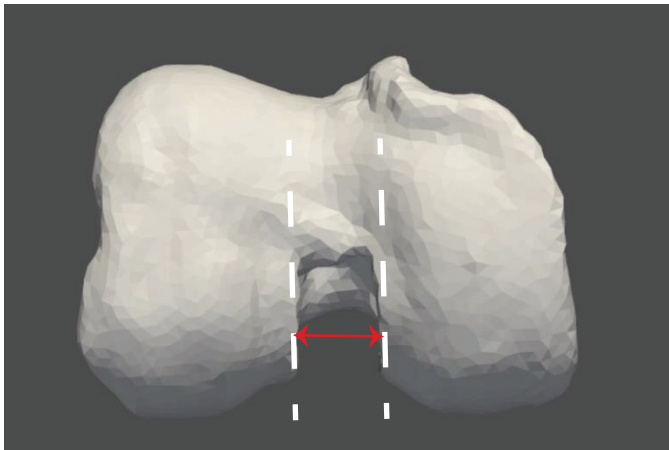


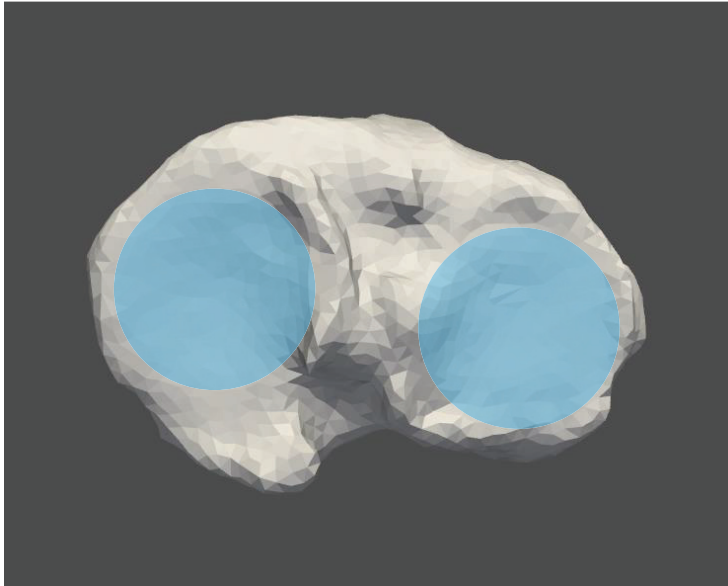
Femur



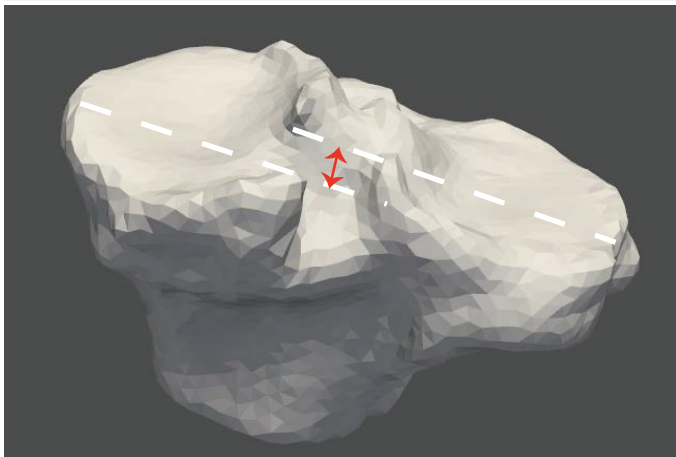
1. The curvature of the upper part.
Shown in red
2. Distance is shown in red



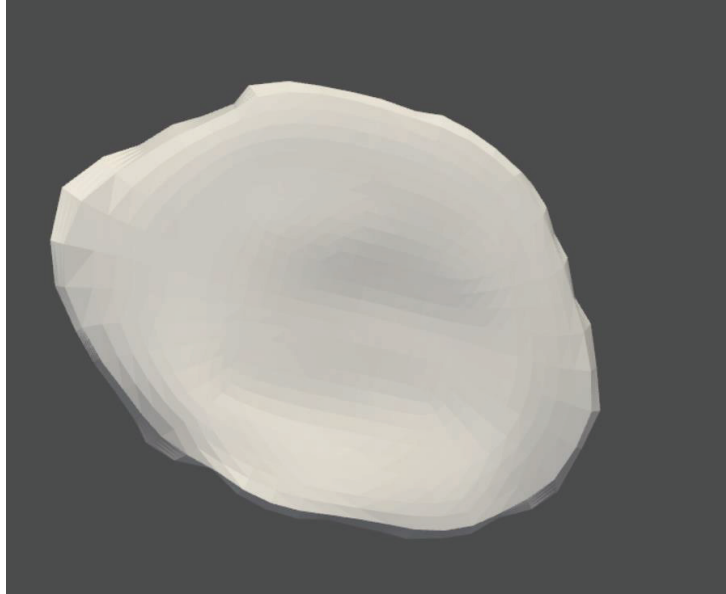
Tibia



- 3 - 4. The radius of the circle that can be fitted into the tibia part where cartilage is supposed to be, shown in blue
- 5. Level difference between the lateral and medial part where cartilage is supposed to be, shown in red



Tibia medial and lateral cartilages



- 6 - 7. Measure the curvature of medial and lateral cartilages.
We can extract the surface and then measure curvature using

`PolyData.curvature(curv_type='mean', progress_bar=False)`
https://docs.pyvista.org/api/core/_autosummary/pyvista.PolyData.curvature.html

- 8-9. Label cartilage "Healthy" or "Damaged."
Check if there are any holes inside the cartilage mesh.
The example is highlighted in red.

