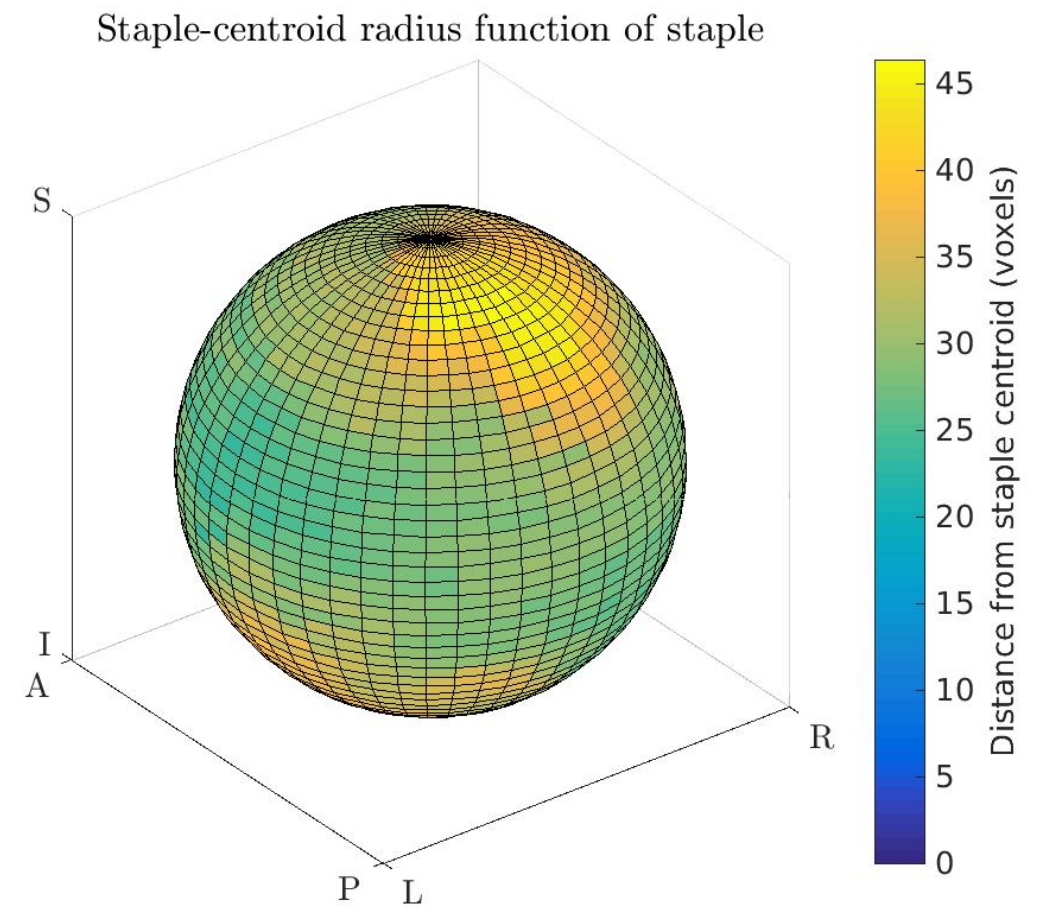
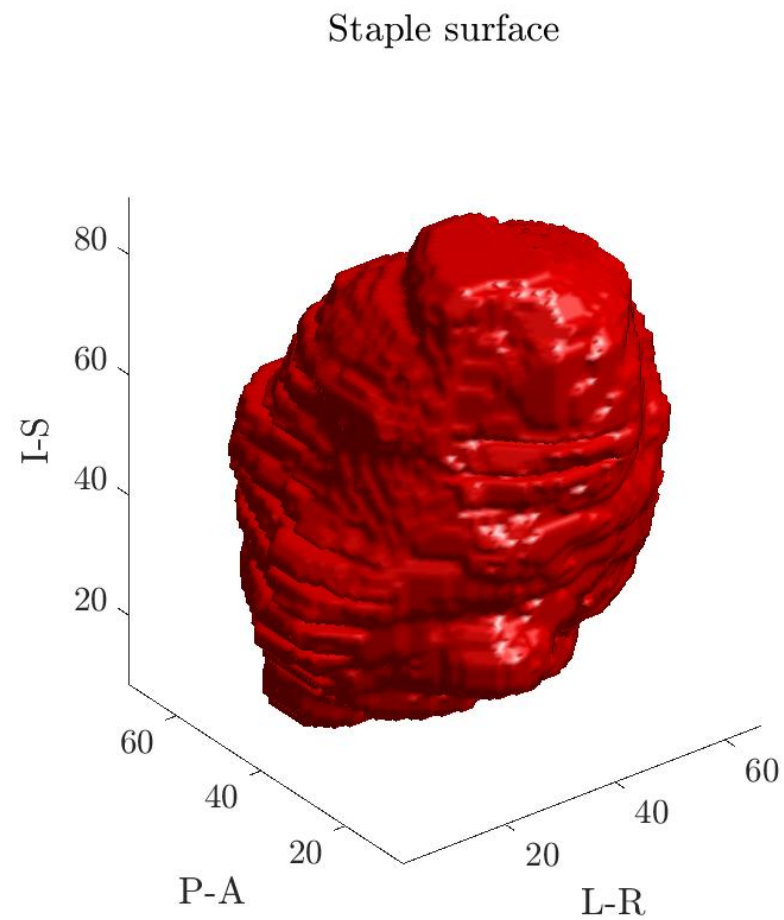


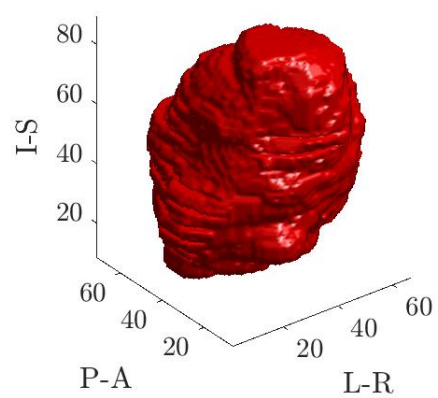
Tasks

- I computed the warped contours and disagreement function for Case10.
- I added spherical colormap plotting.
- I added a routine to average a function of spherical coordinate angles over a solid angle.
- I computed the average of the disagreement function in the 6 anatomical directions.

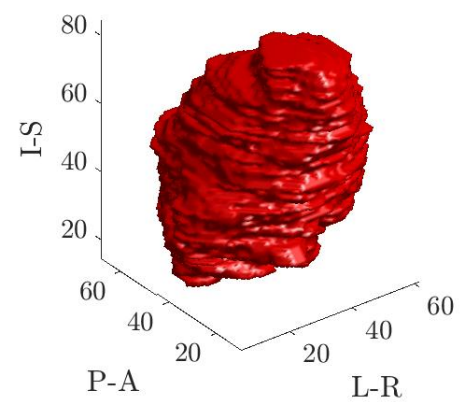


- “Staple-centroid radius function” is a more descriptive name.

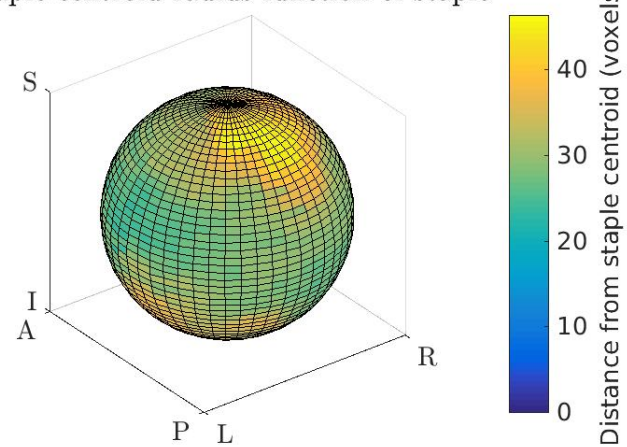
Staple surface



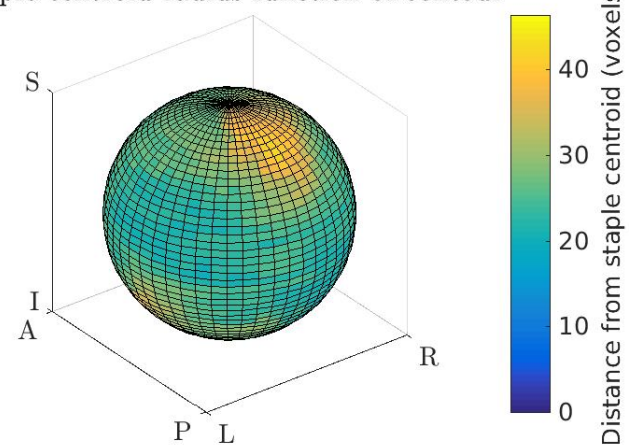
Contour 1 surface



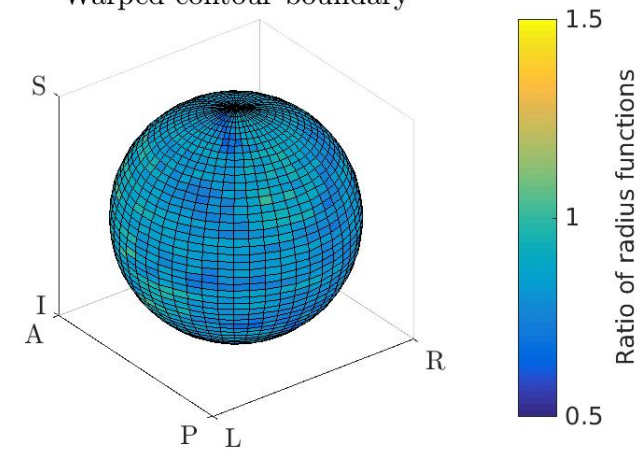
Staple-centroid radius function of staple



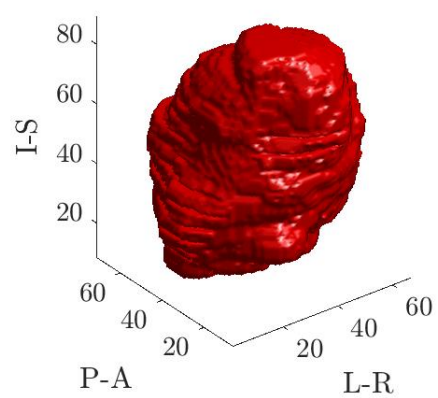
Staple-centroid radius function of contour



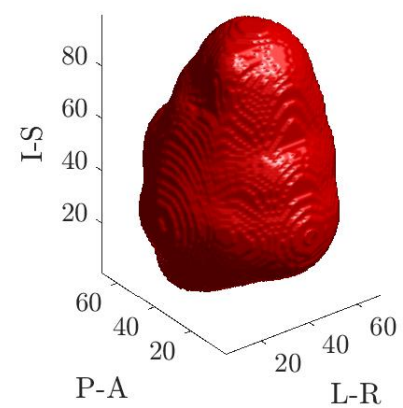
Warped contour boundary



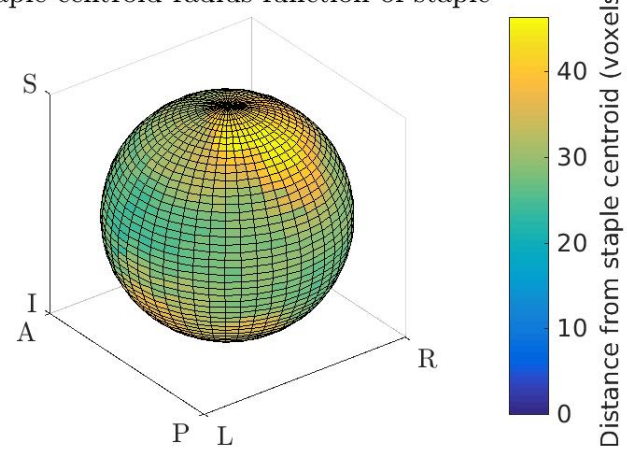
Staple surface



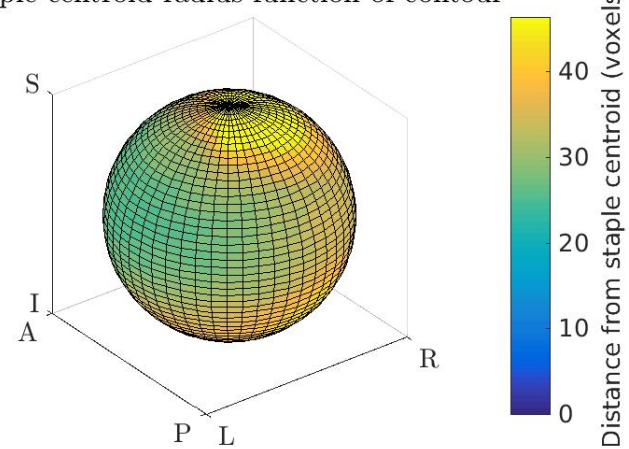
Contour 2 surface



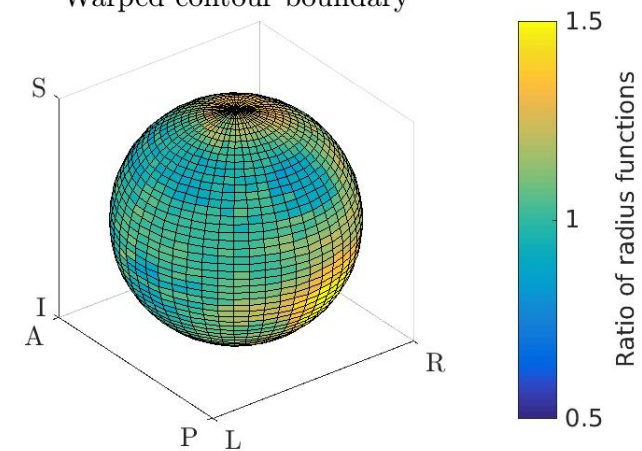
Staple-centroid radius function of staple



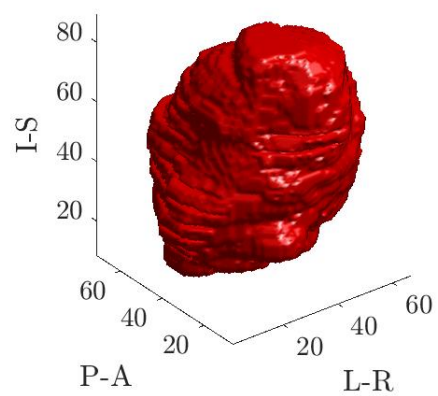
Staple-centroid radius function of contour



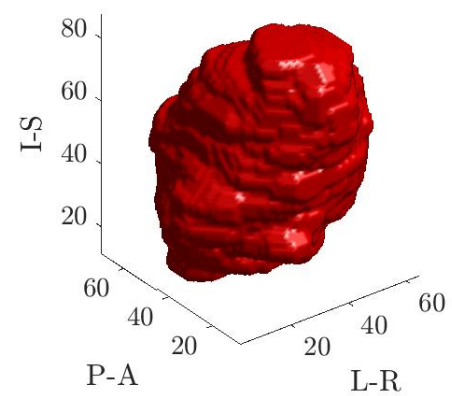
Warped contour boundary



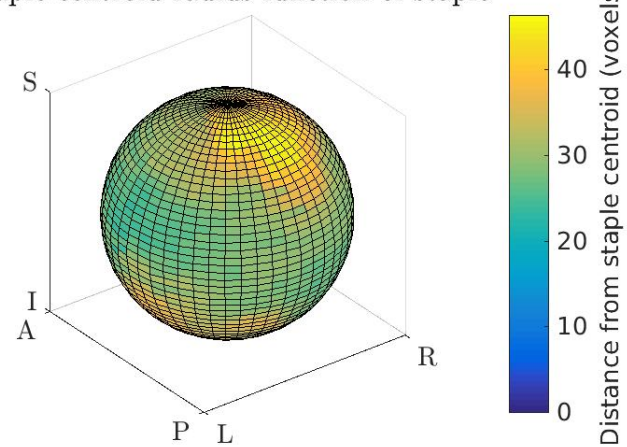
Staple surface



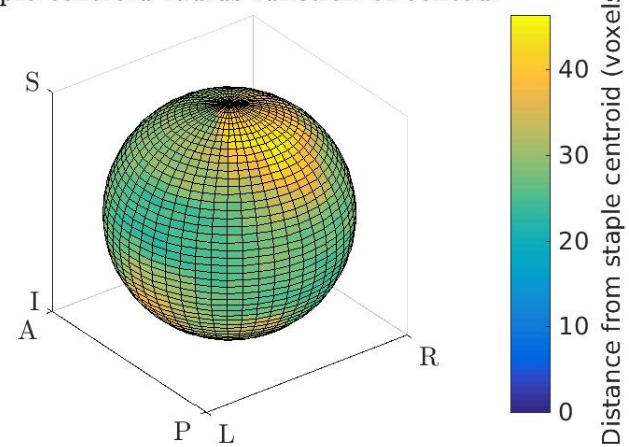
Contour 3 surface



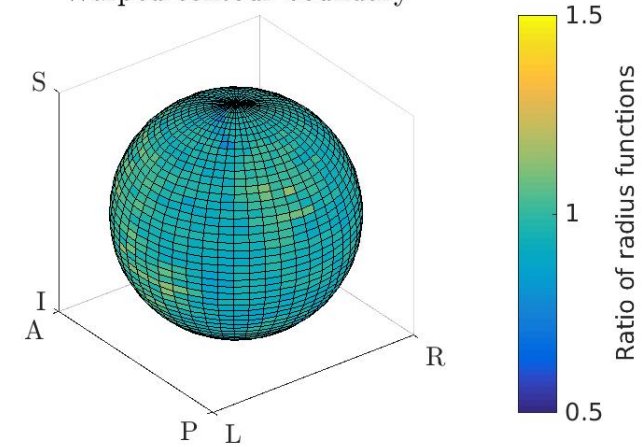
Staple-centroid radius function of staple



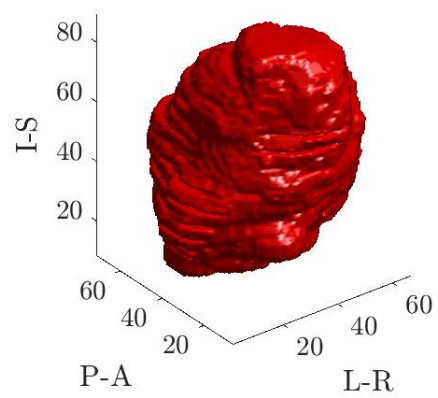
Staple-centroid radius function of contour



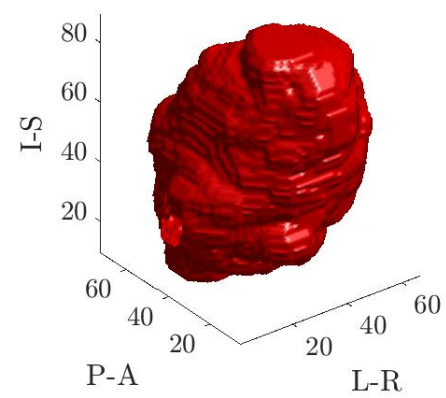
Warped contour boundary



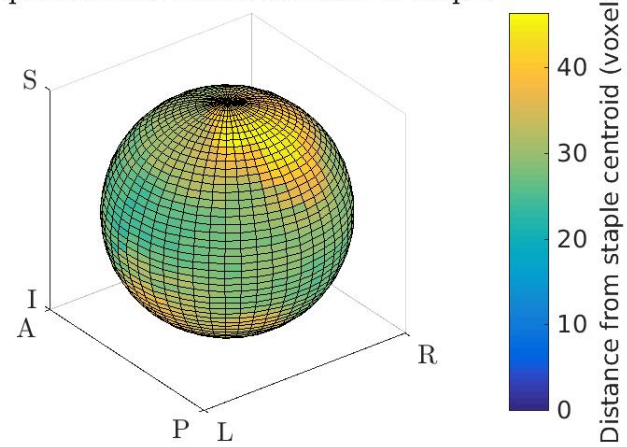
Staple surface



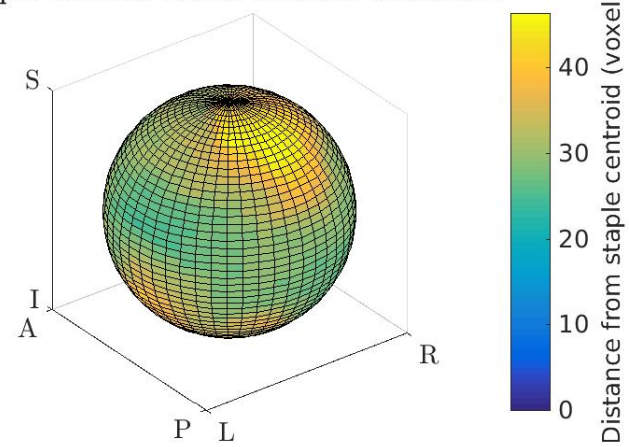
Contour 4 surface



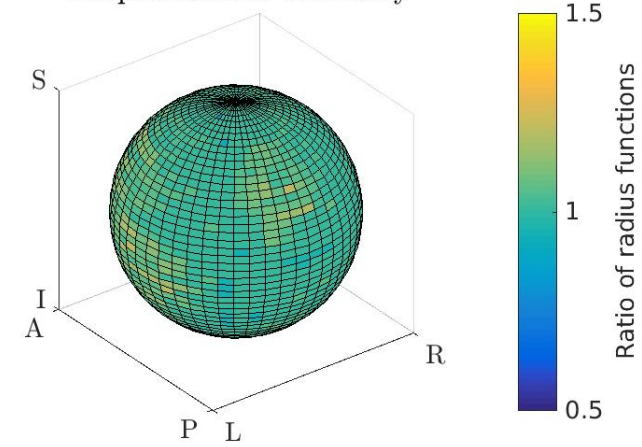
Staple-centroid radius function of staple



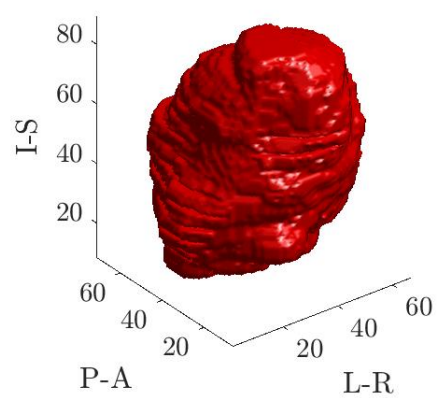
Staple-centroid radius function of contour



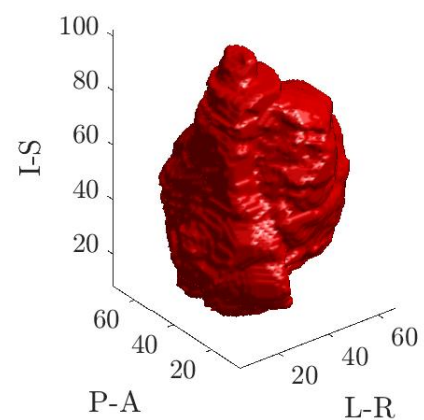
Warped contour boundary



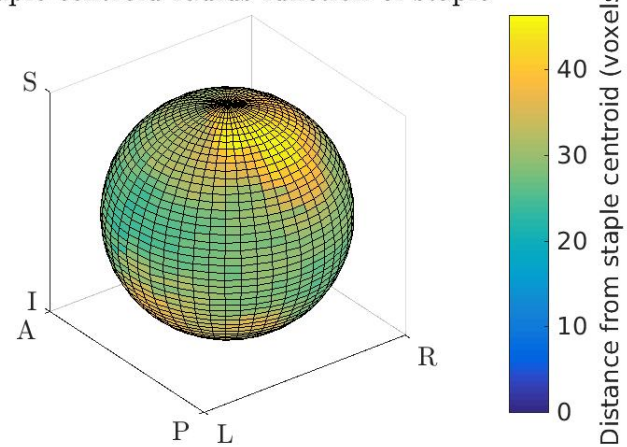
Staple surface



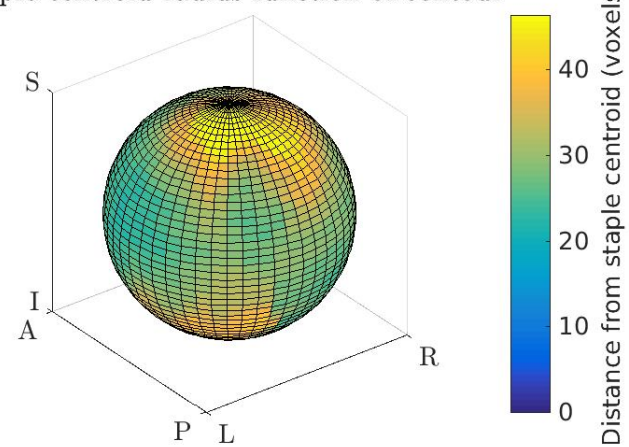
Contour 5 surface



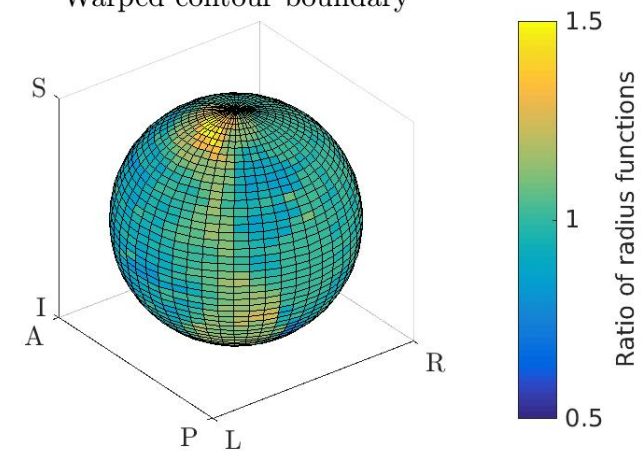
Staple-centroid radius function of staple



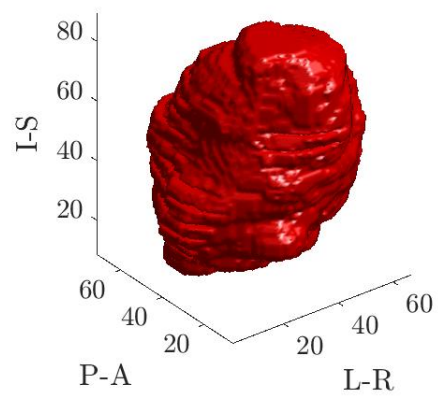
Staple-centroid radius function of contour



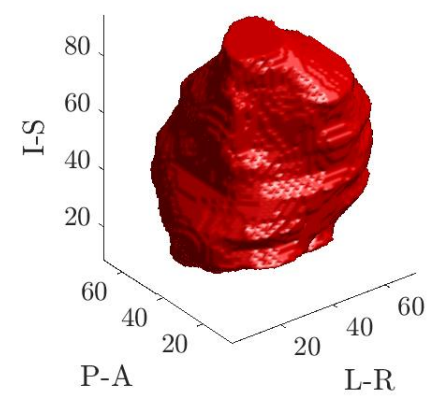
Warped contour boundary



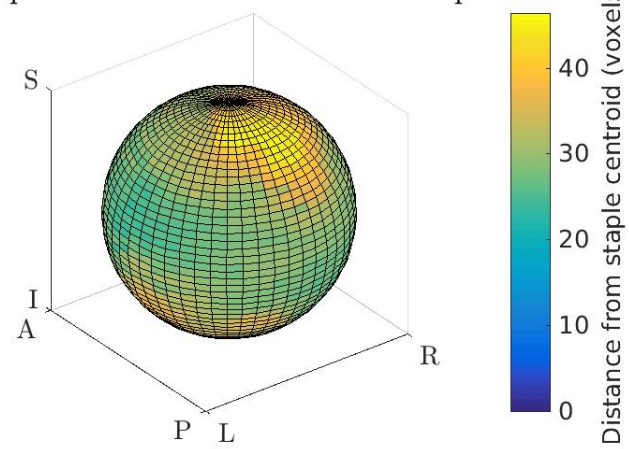
Staple surface



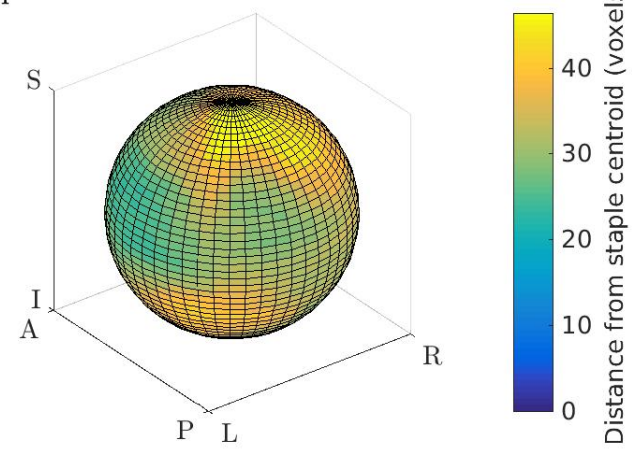
Contour 6 surface



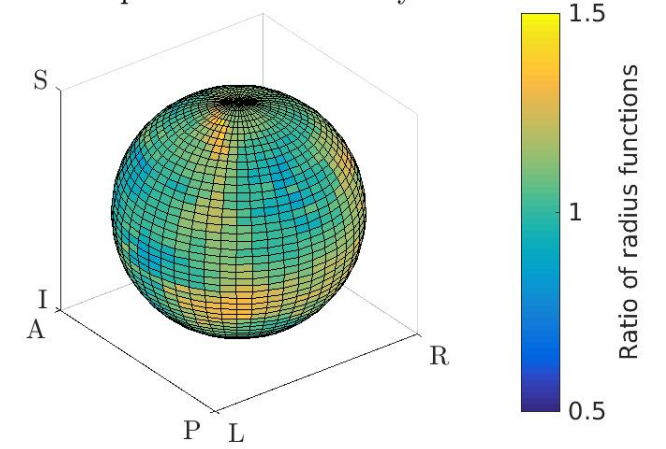
Staple-centroid radius function of staple



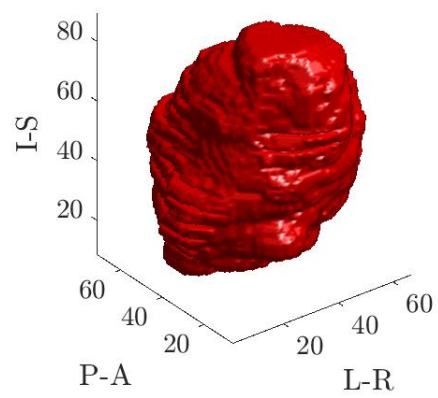
Staple-centroid radius function of contour



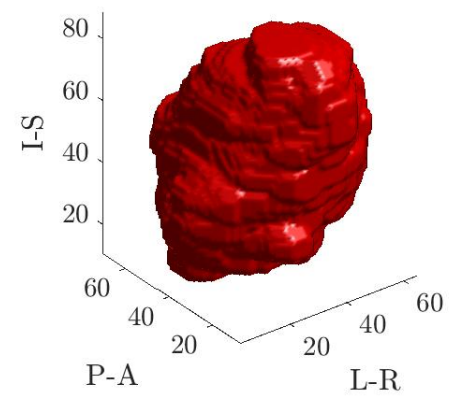
Warped contour boundary



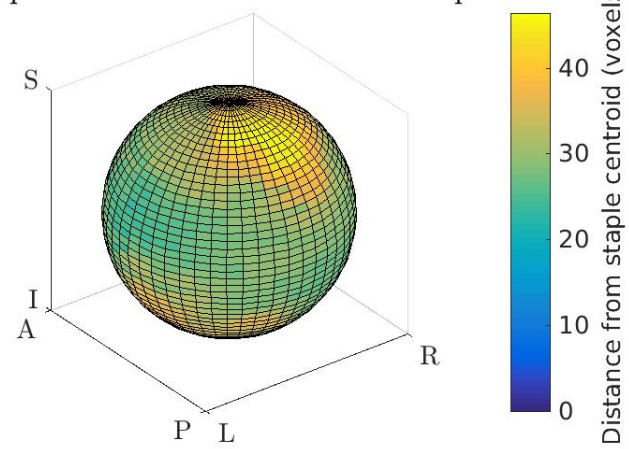
Staple surface



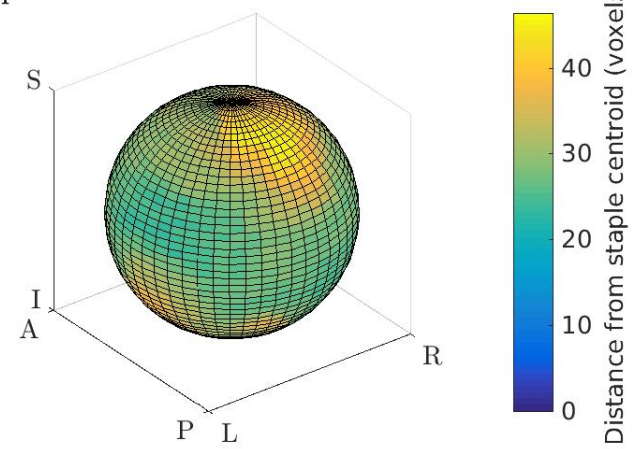
Contour 7 surface



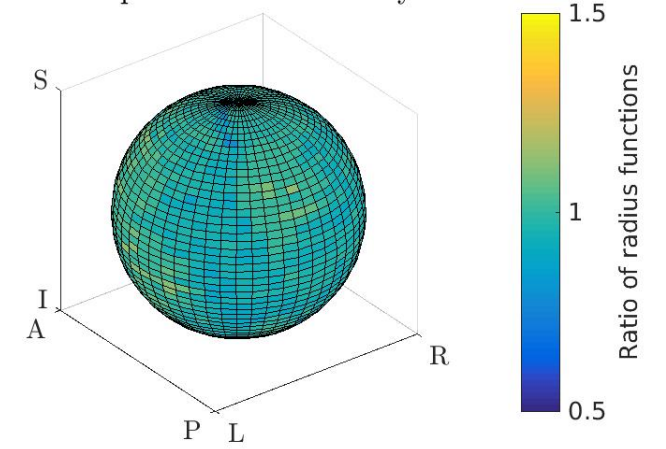
Staple-centroid radius function of staple



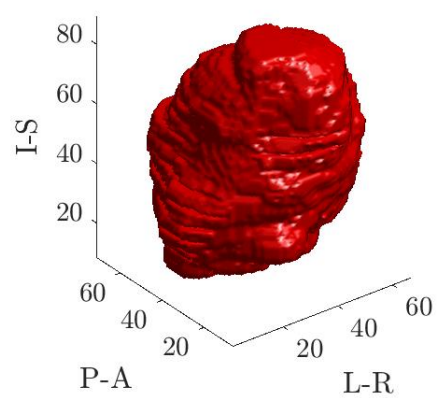
Staple-centroid radius function of contour



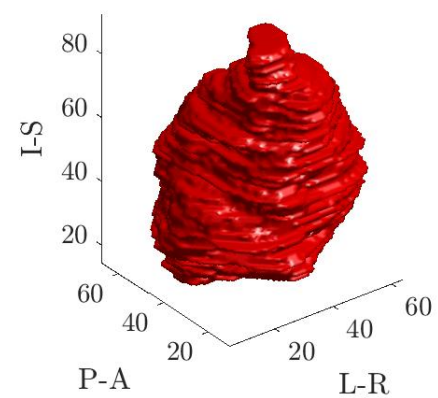
Warped contour boundary



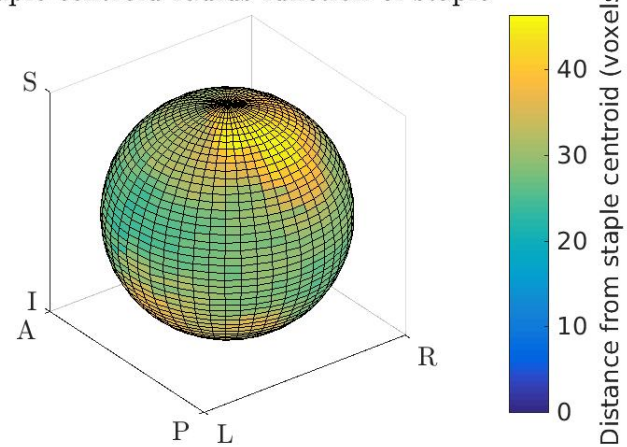
Staple surface



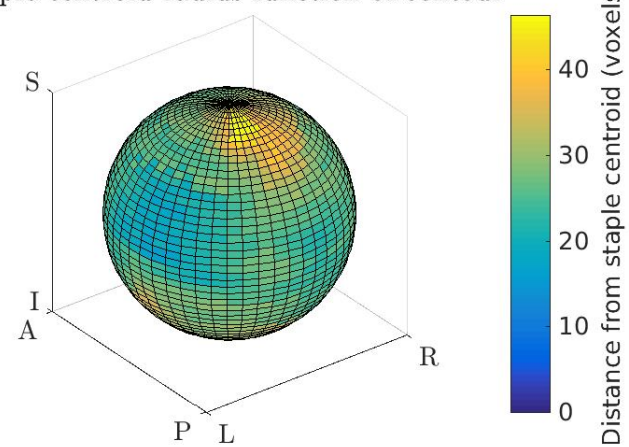
Contour 8 surface



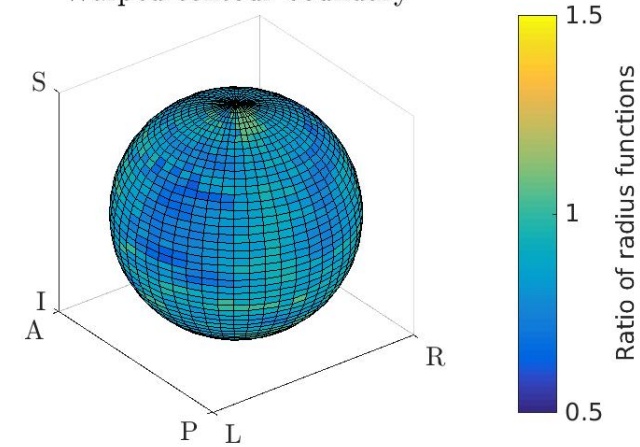
Staple-centroid radius function of staple



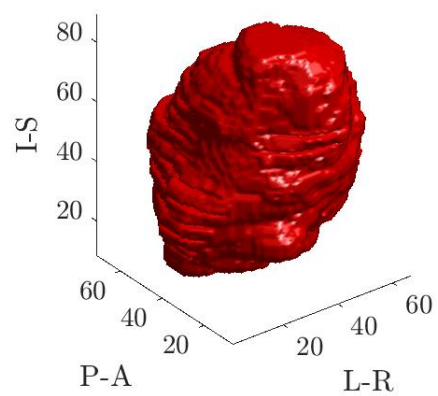
Staple-centroid radius function of contour



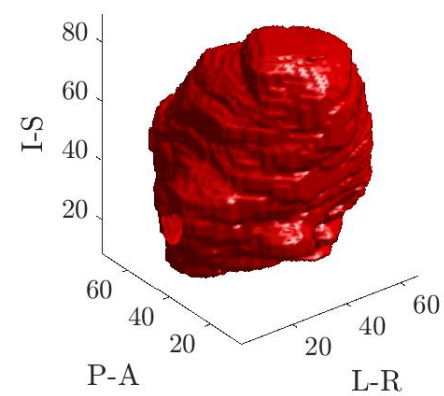
Warped contour boundary



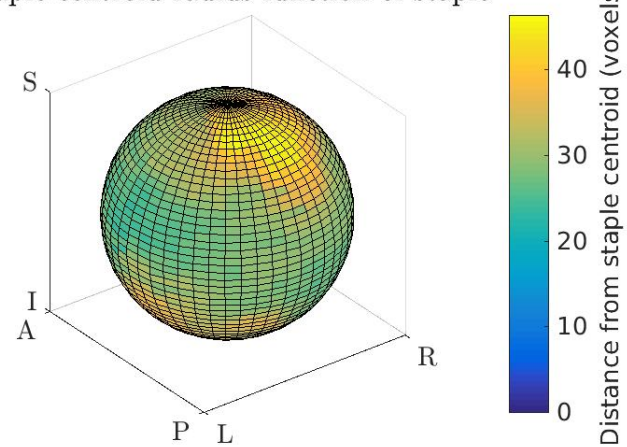
Staple surface



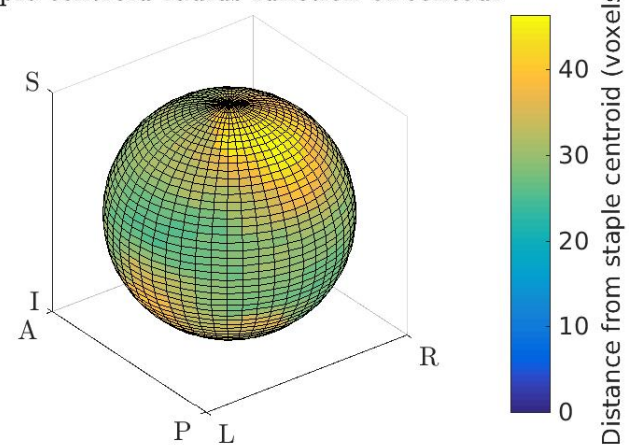
Contour 9 surface



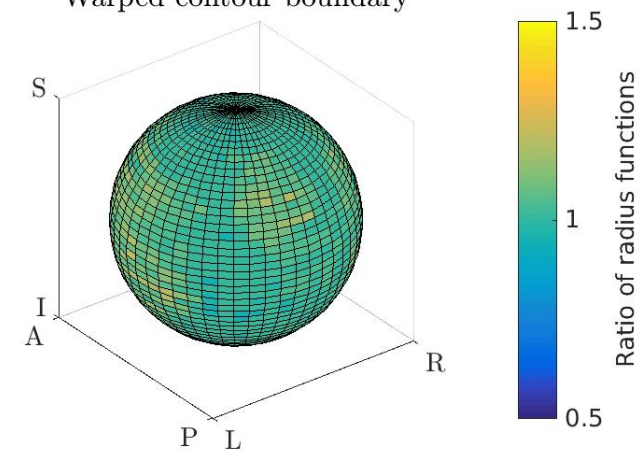
Staple-centroid radius function of staple

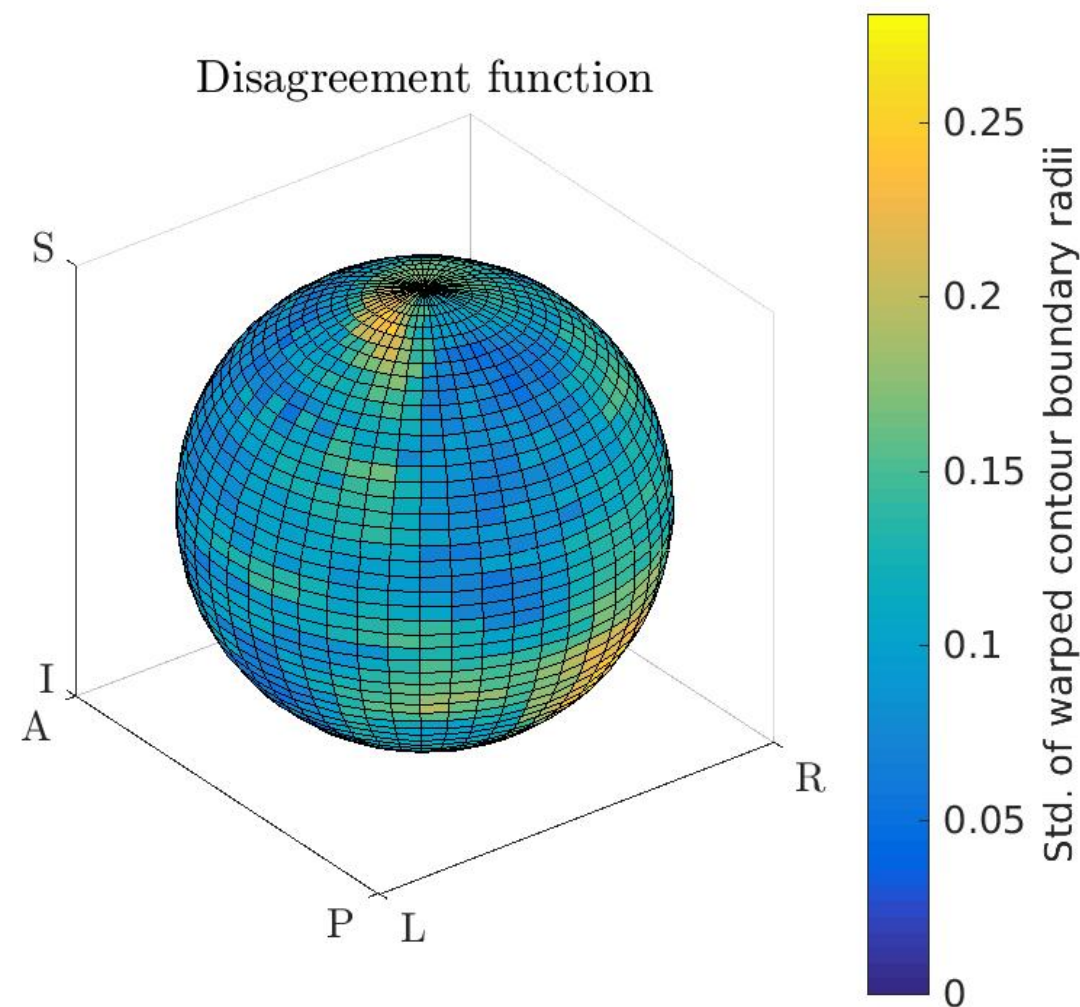


Staple-centroid radius function of contour



Warped contour boundary





Anatomical direction: average value

L: 0.108

R: 0.104

P: 0.125

A: 0.073

I: 0.140

S: 0.159

- Of the 3 anatomical dimensions, I-S has the greatest disagreement.

- (Solid angle over which average is computed is a cone with axis along direction and axis-face angle of 10 degrees.)