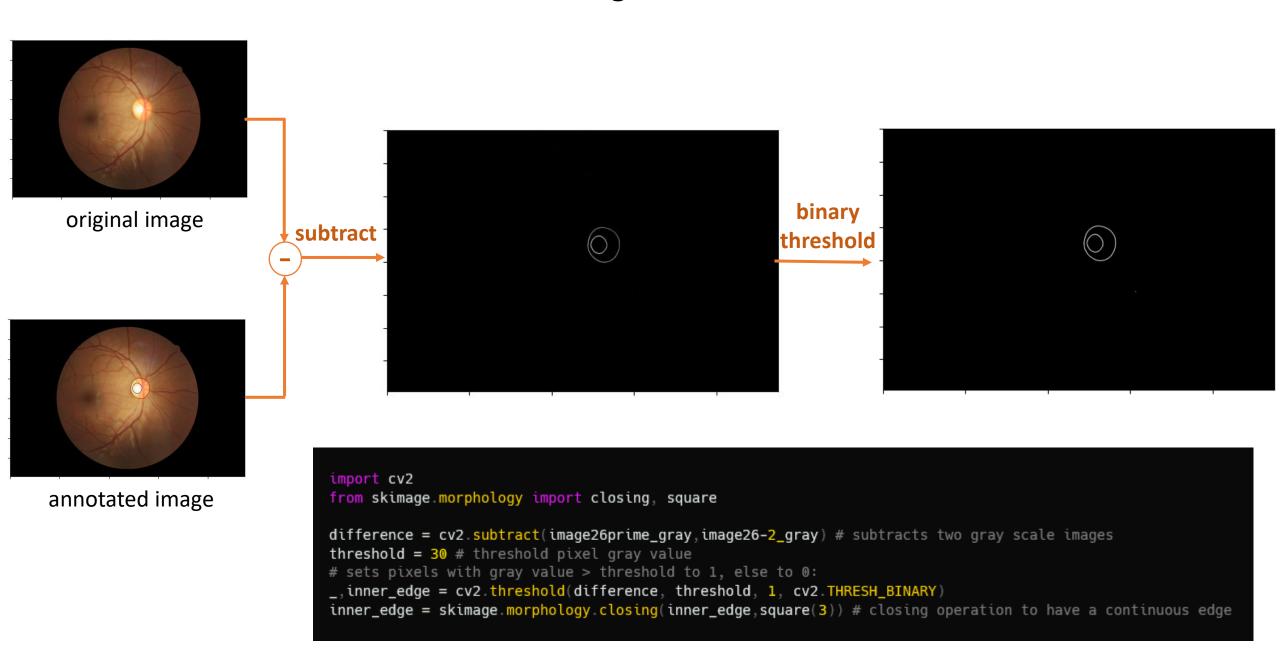
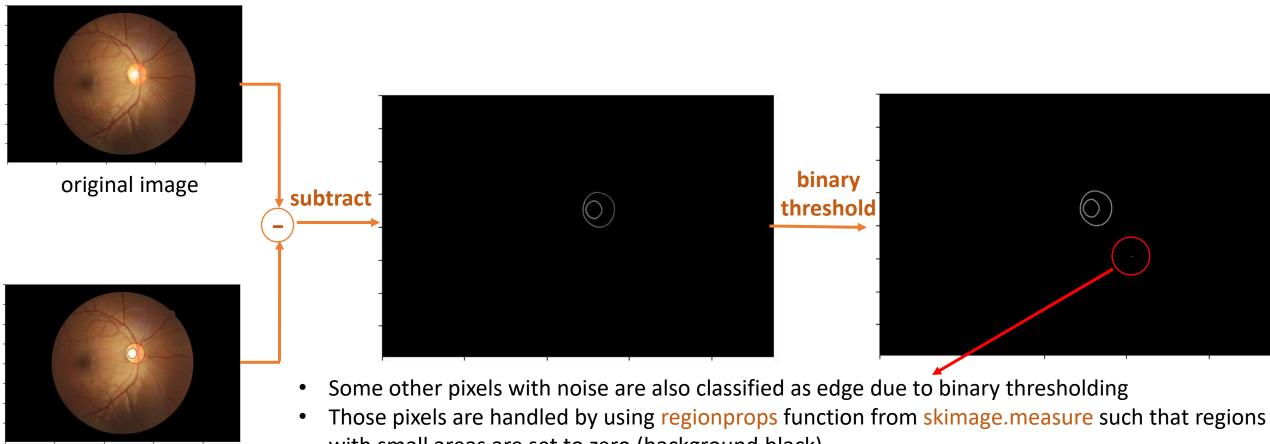
Inner Edge Detection



Inner Edge Detection

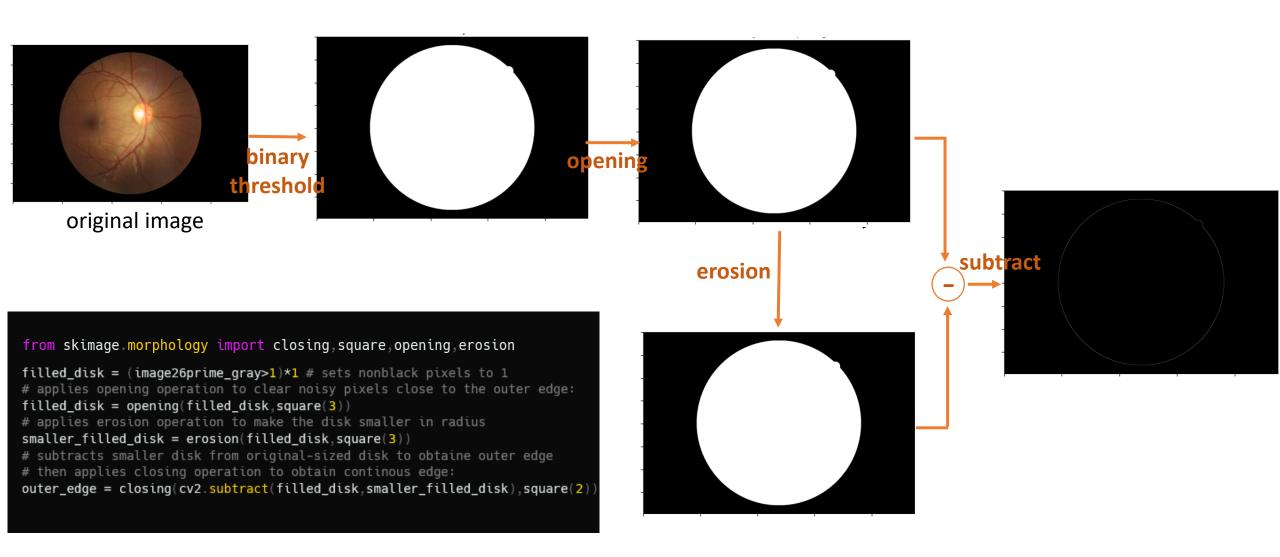


annotated image

with small areas are set to zero (background, black)

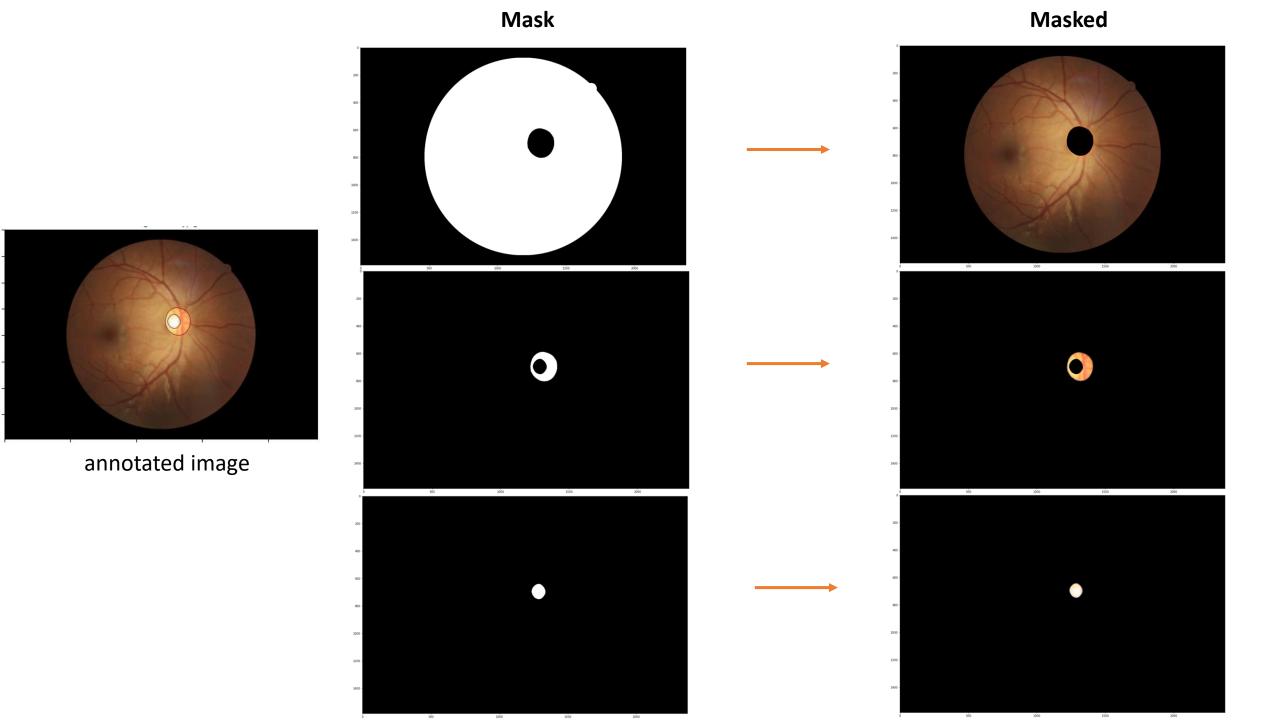
```
from skimage.measure import regionprops
# pixel values in regions with area less than 500 are set to 0 (black,background)
for prop in regionprops(labeled_image):
   if (prop.area < 500):
        for coord in prop coords:
           merged_edges[coord[0], coord[1]] = 0
```

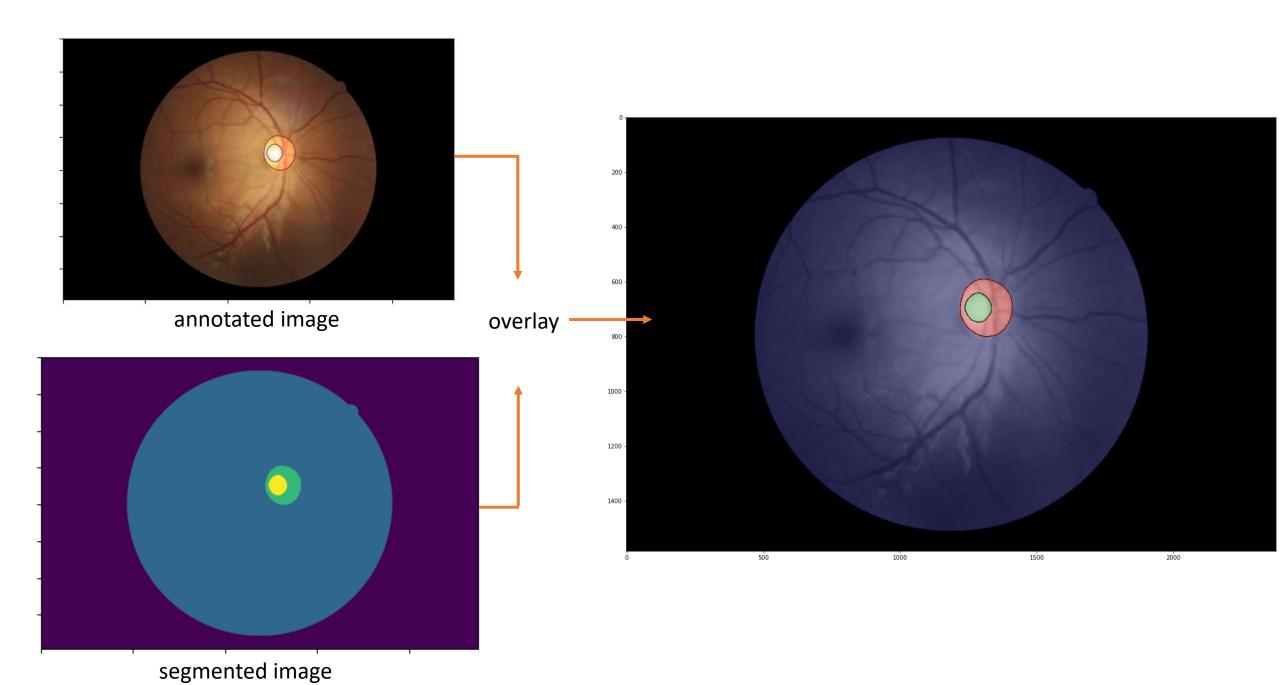
Outer Edge Detection

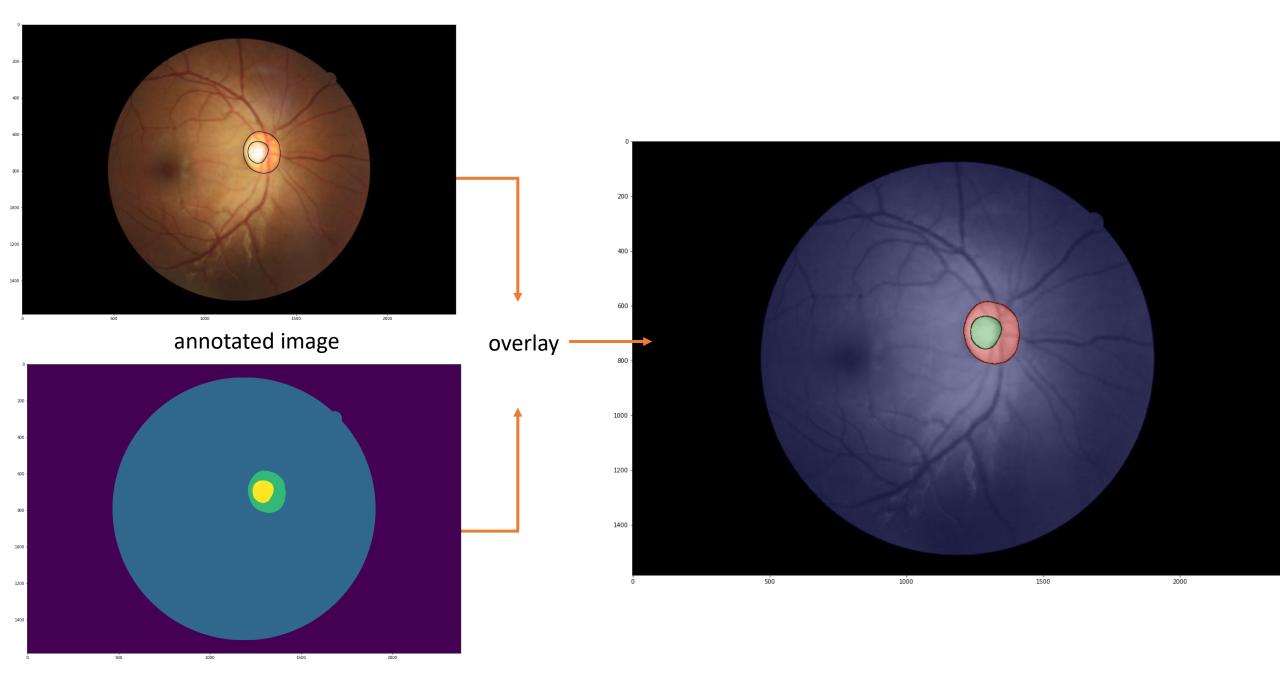


Labeling Regions

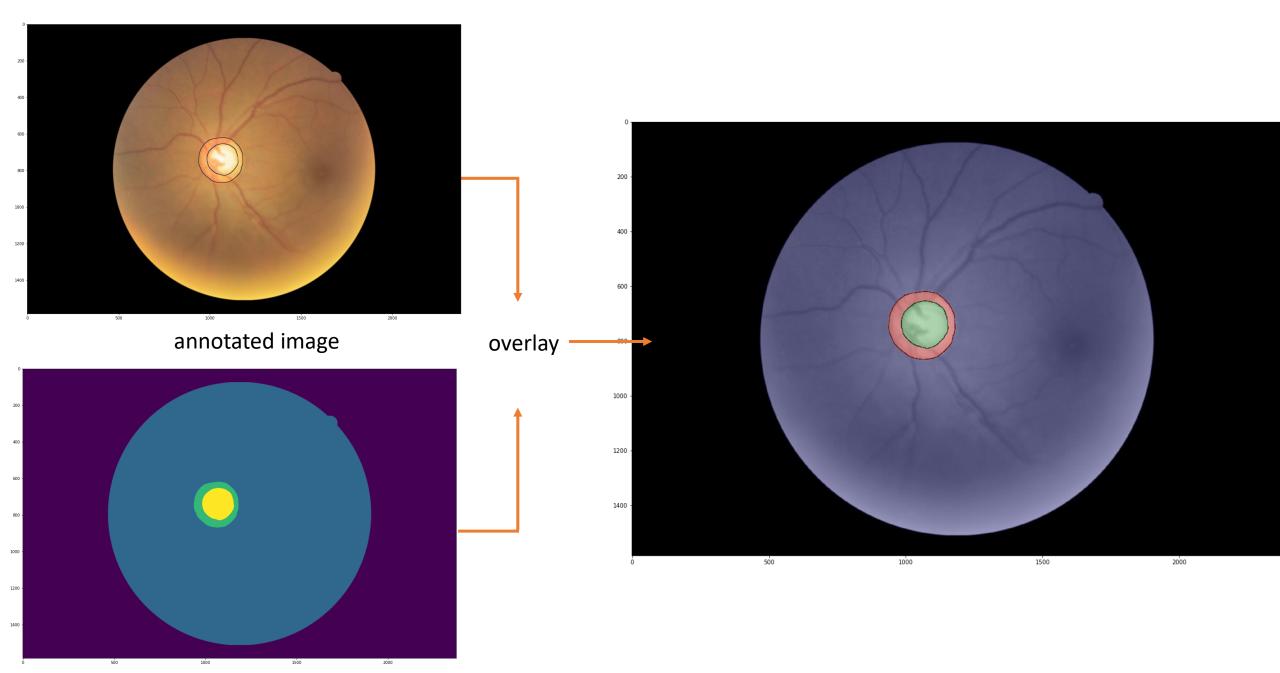




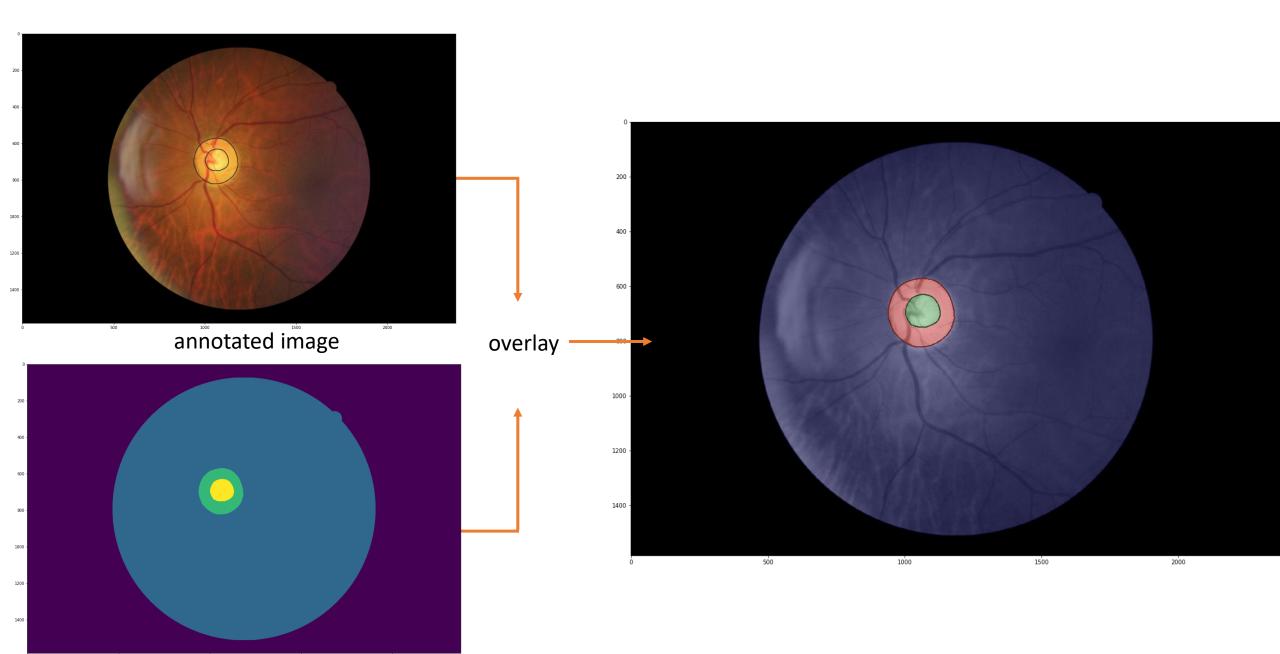




segmented image



segmented image



segmented image