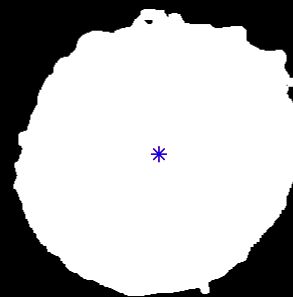
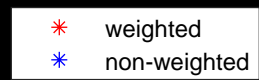
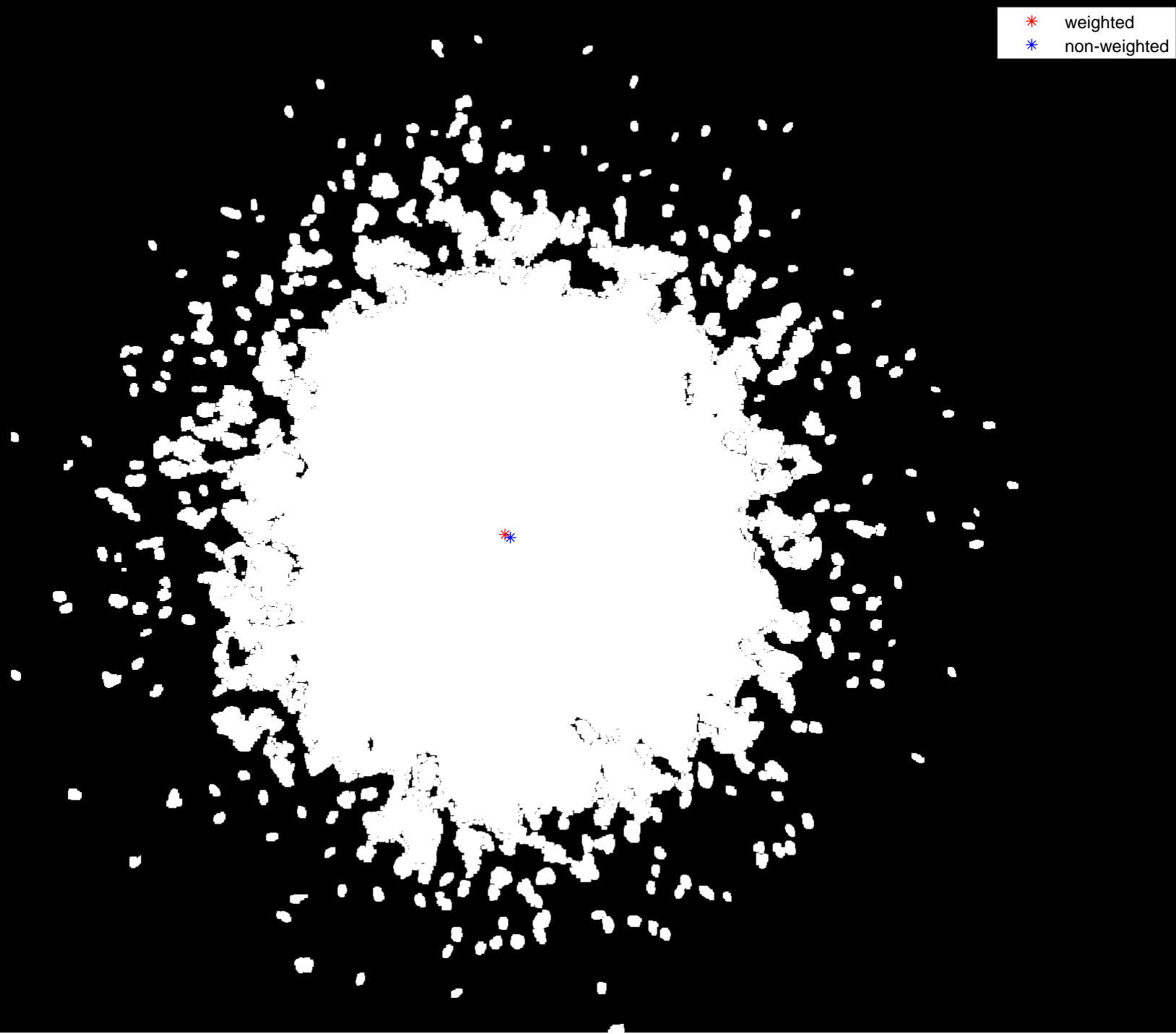


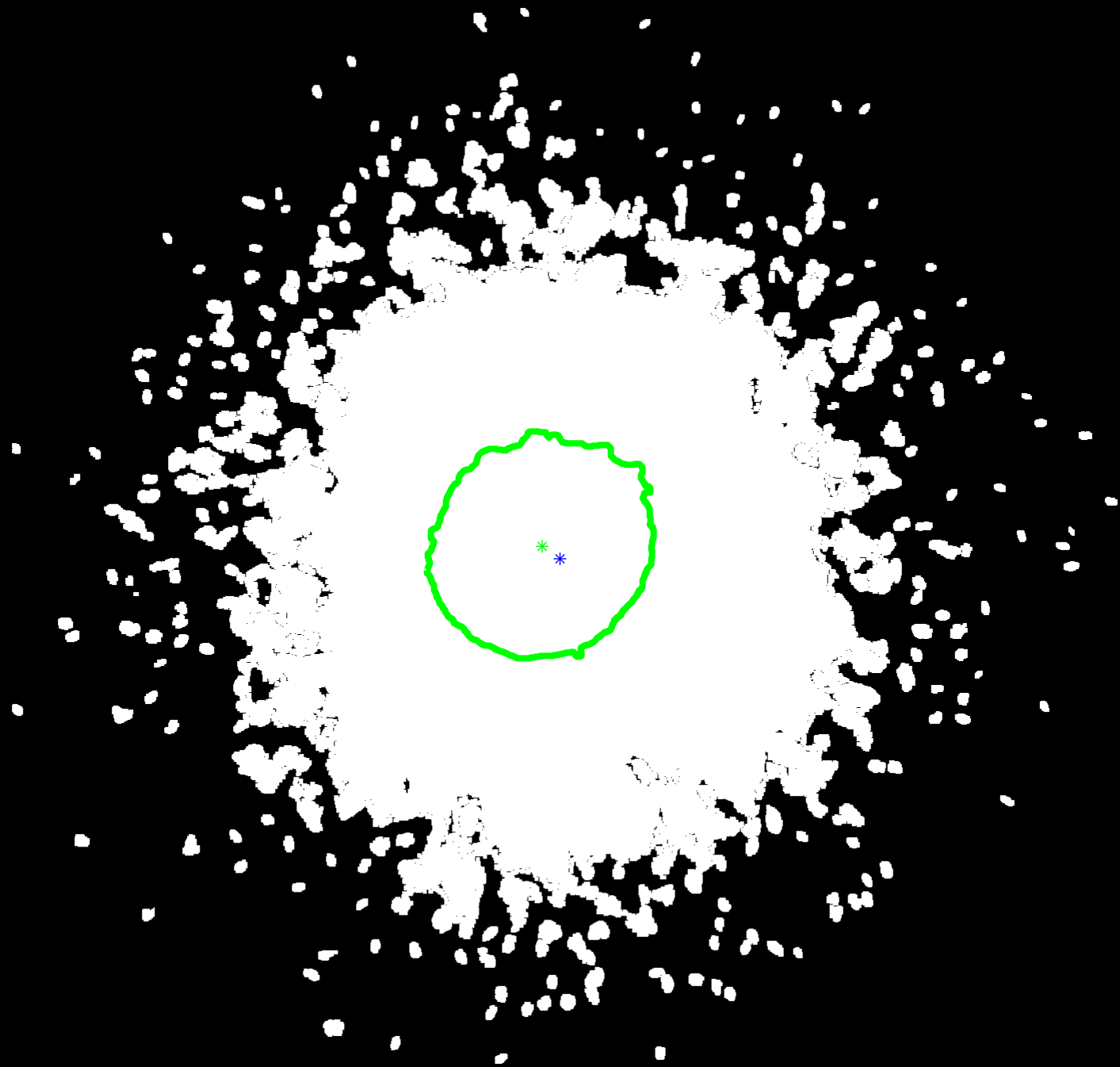
spheroid centroid



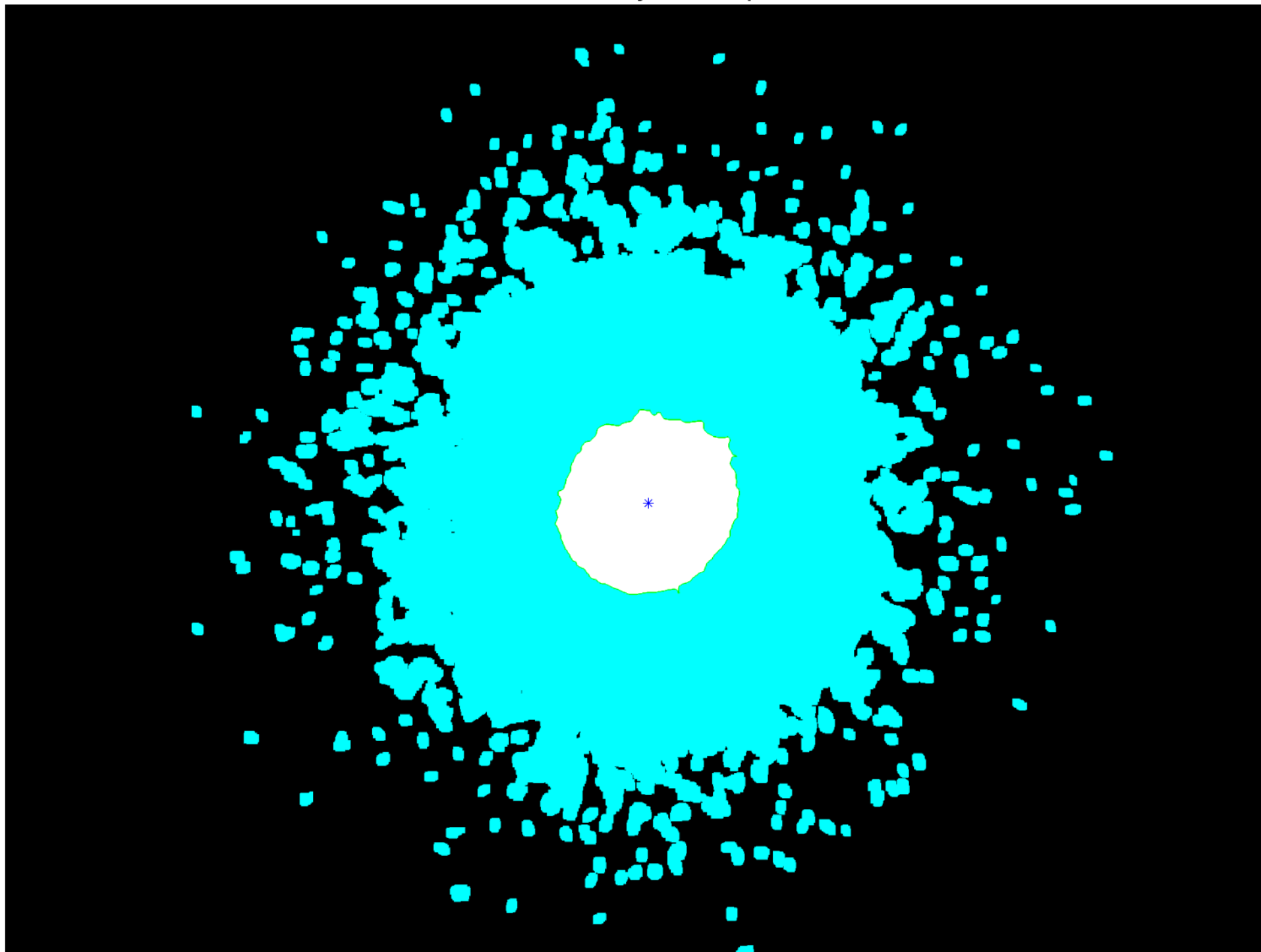
spheroid centroid



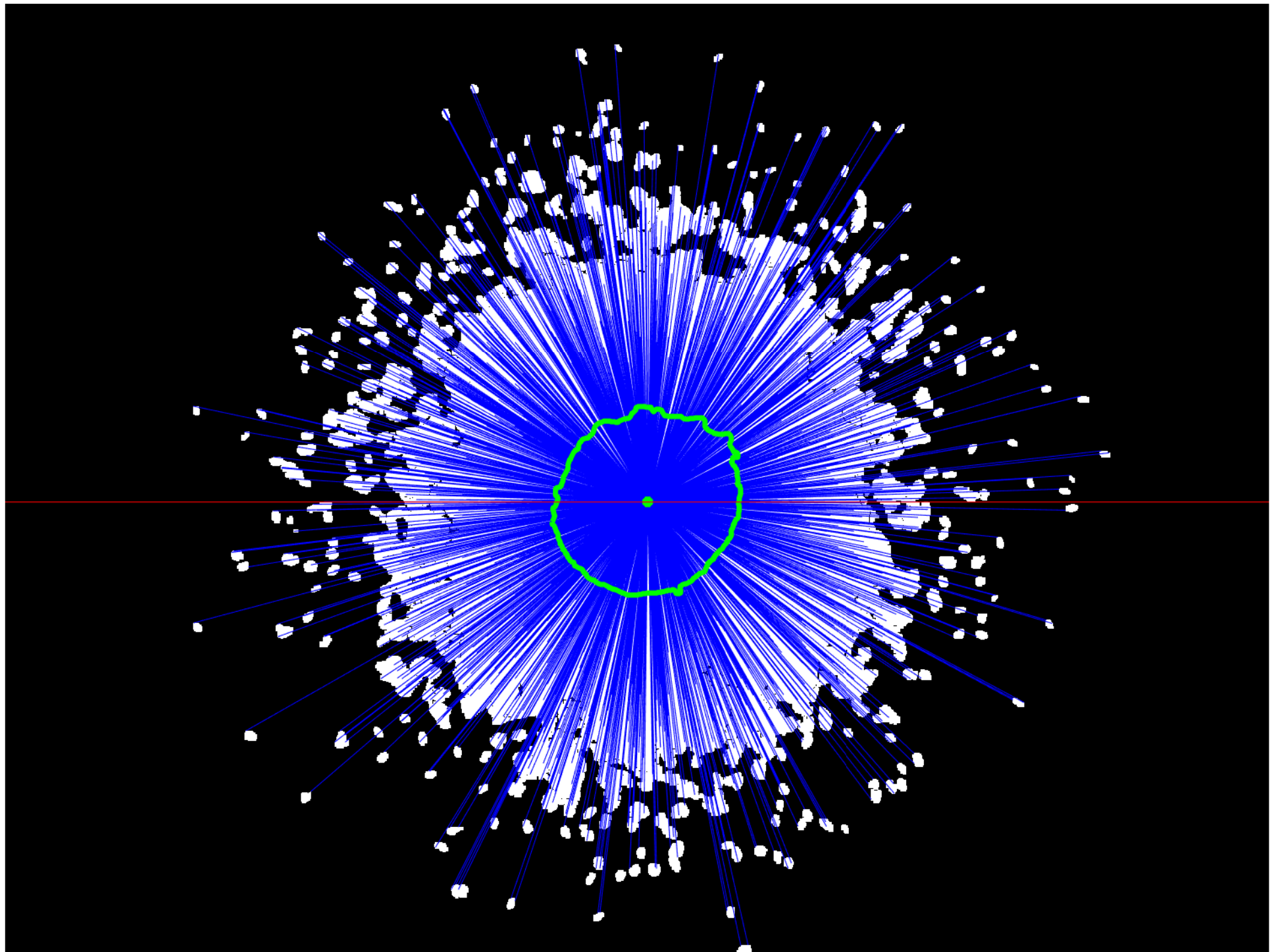
uncentered boundary



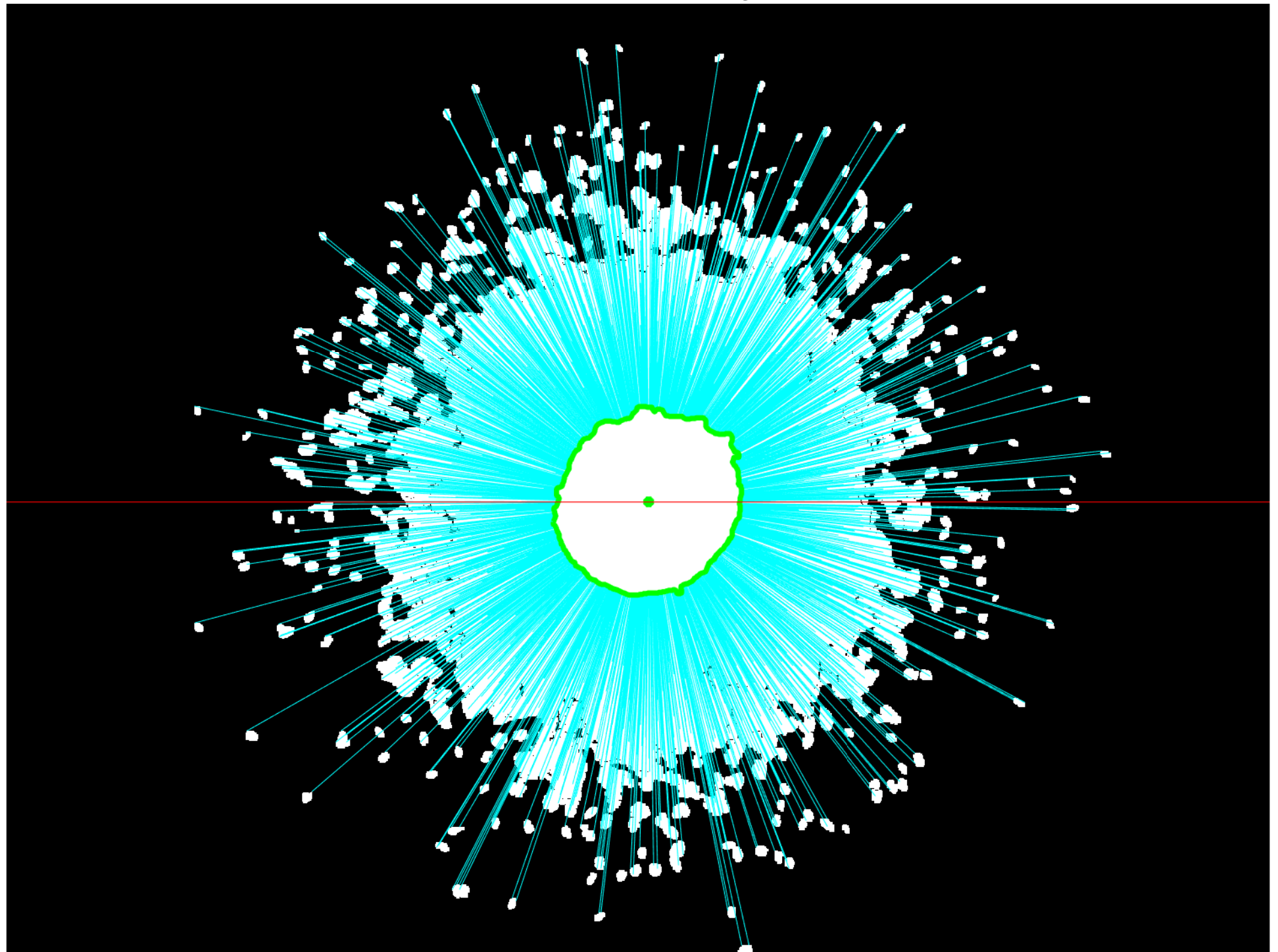
centered boundary and outer pixels



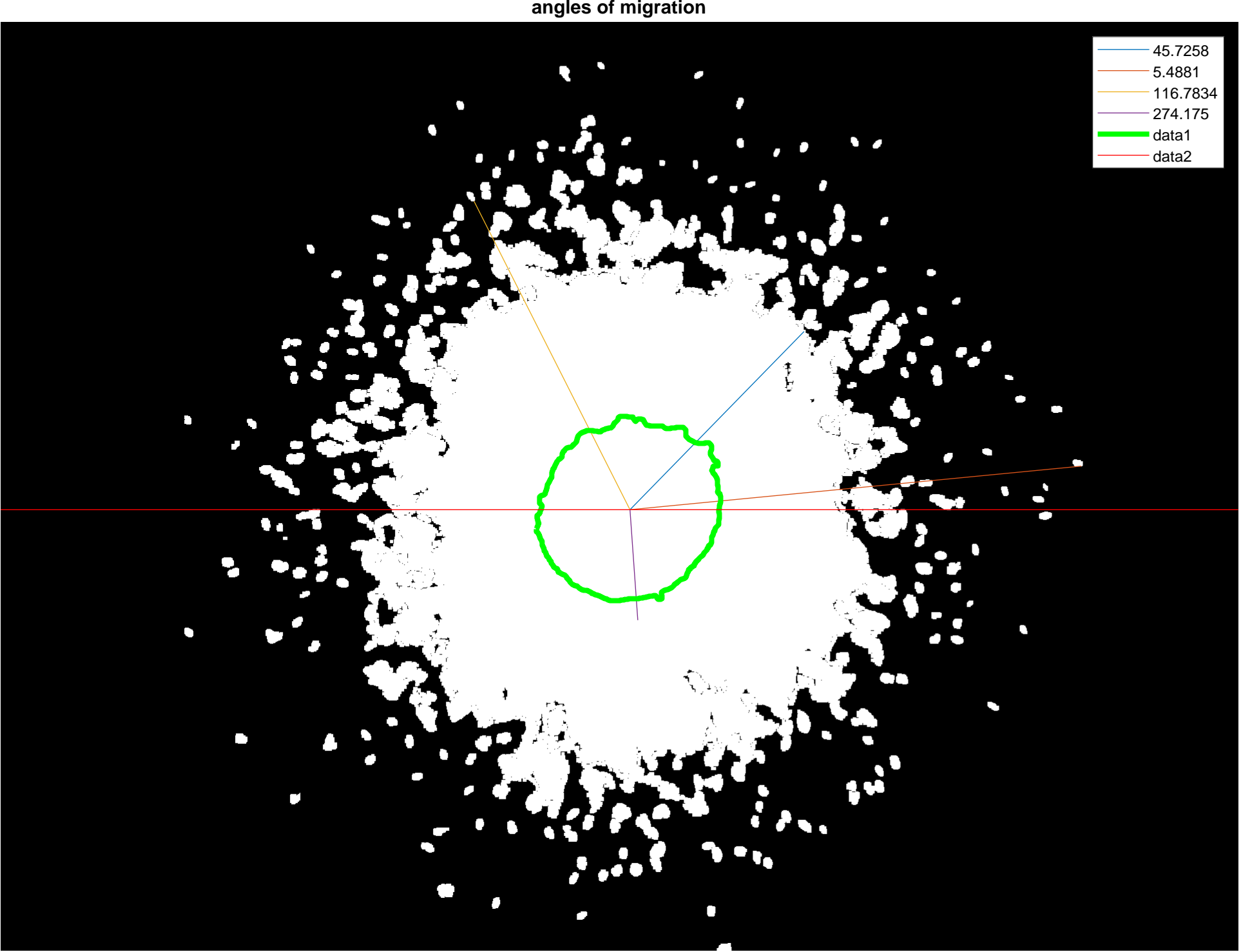
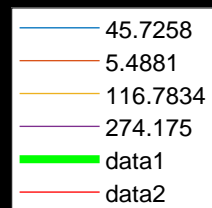
distances from center



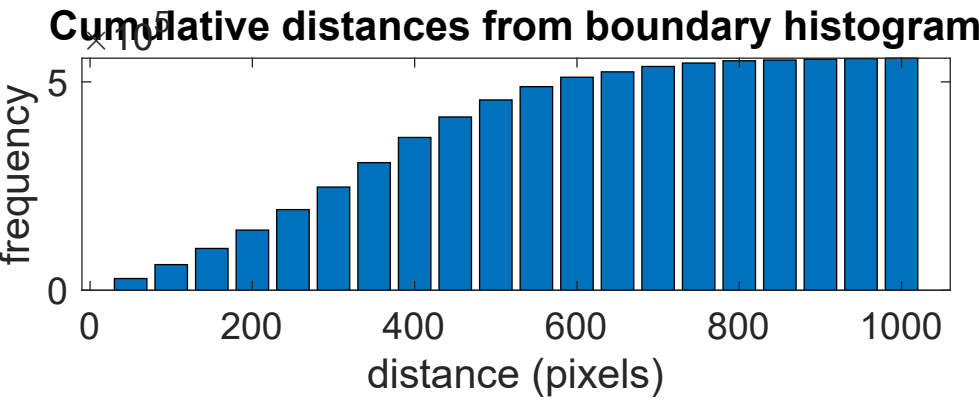
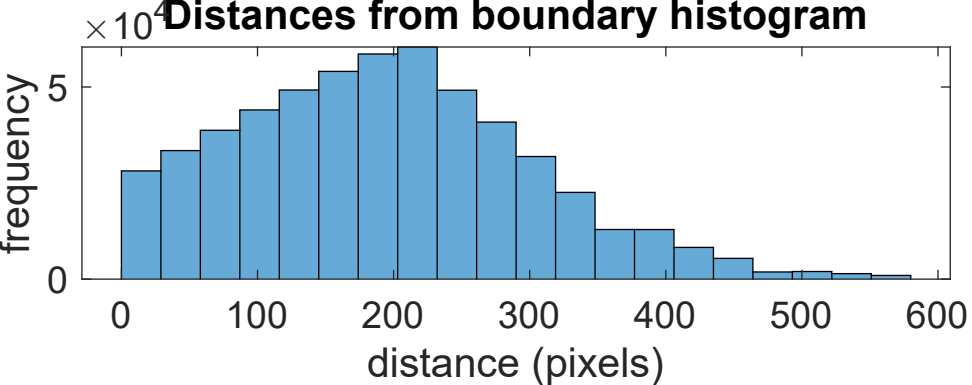
distances from boundary



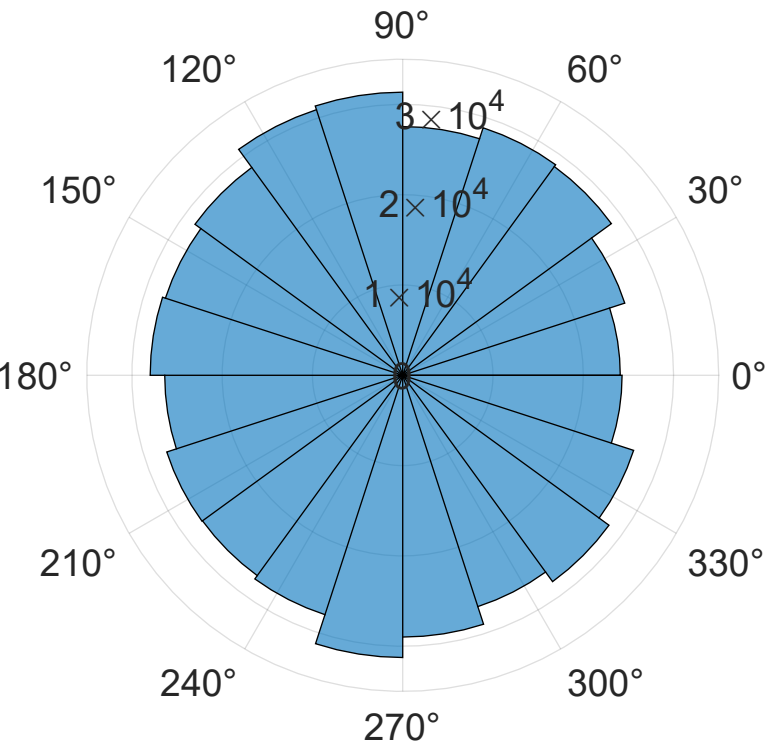
angles of migration

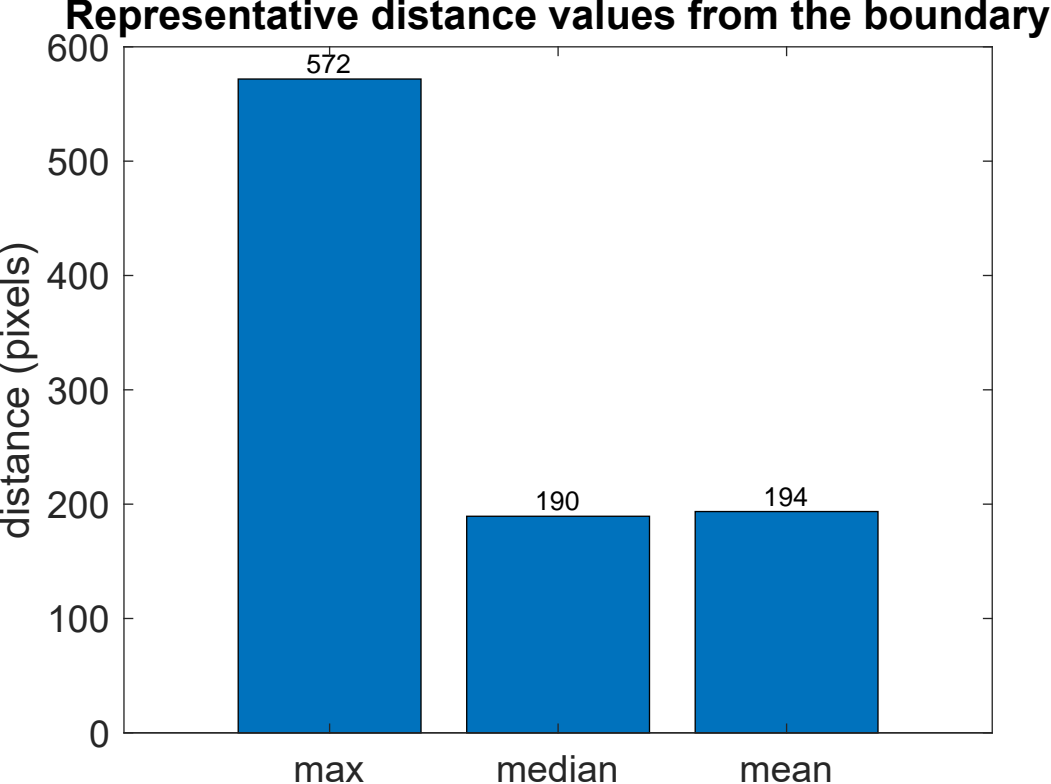




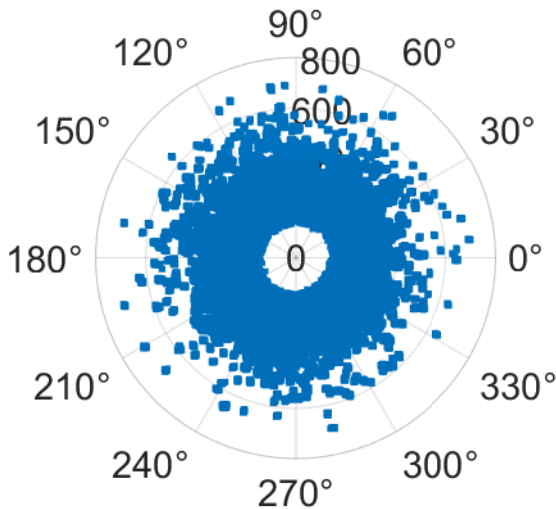


# Angles histogram

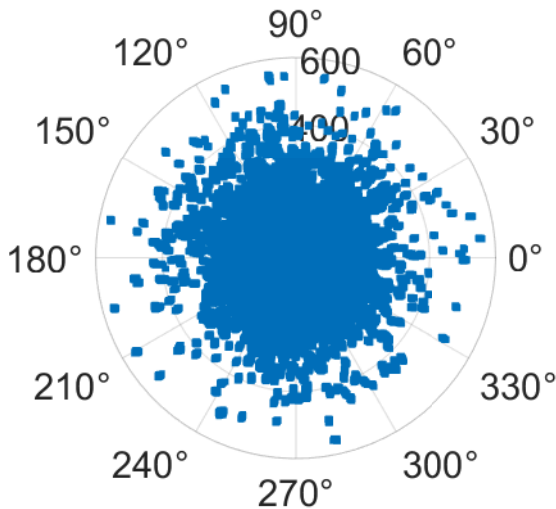




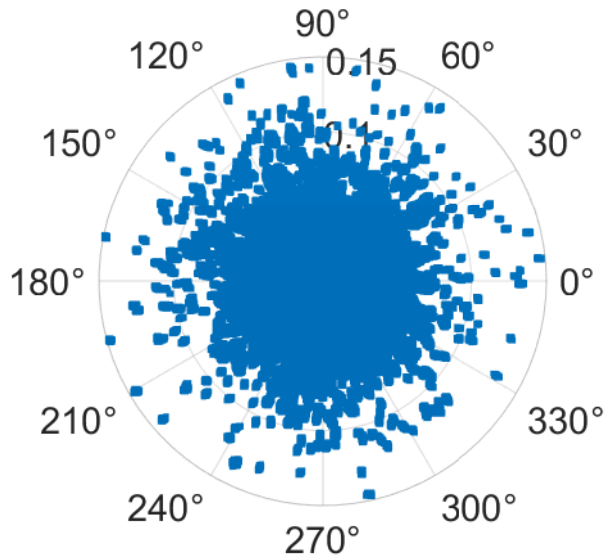
## Distances from spheroid center (pixels) vs migration angle

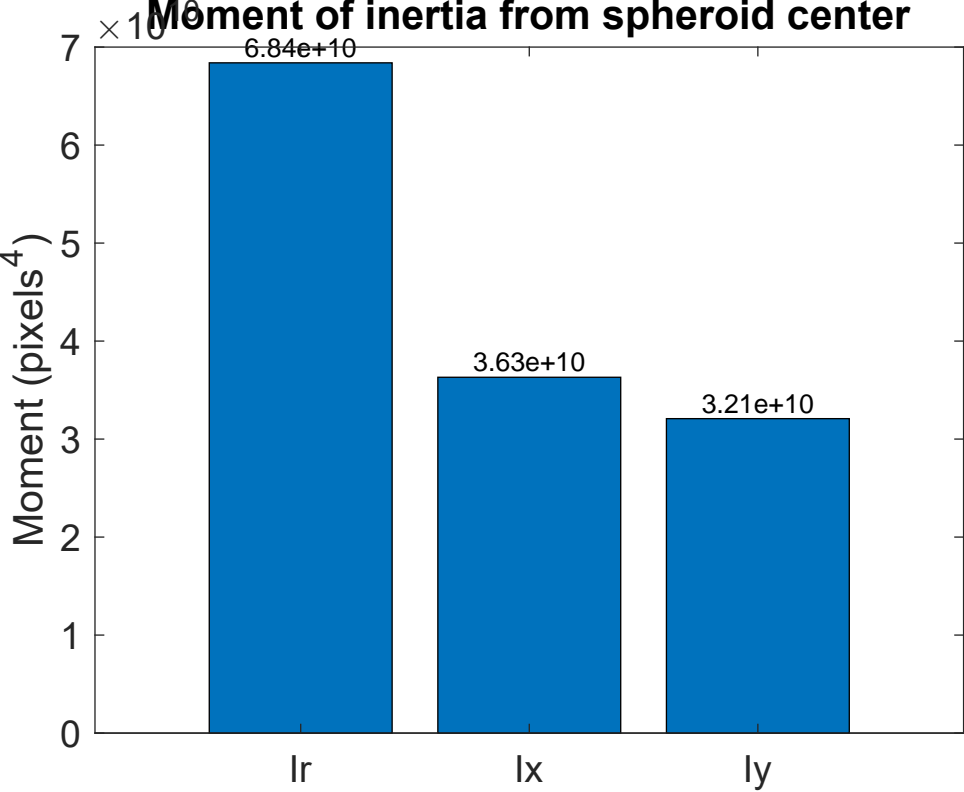


## Distances from spheroid boundary (pixels) vs migration angle



## Persistence speed (um/min) vs migration angle





# Moment of inertia from spheroid boundary

Moment (pixels<sup>4</sup>)

3  
2.5  
2  
1.5  
1  
0.5  
0

2.73e+10

1.47e+10

1.26e+10

lr

lx

ly

$\times 10^{10}$

$\times 10^{10}$