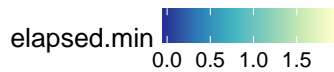
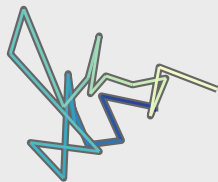


# Trajectory



raw

top



rotated

N



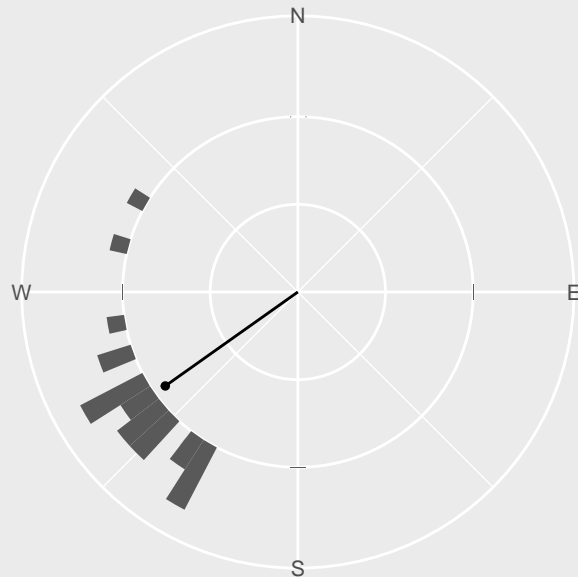
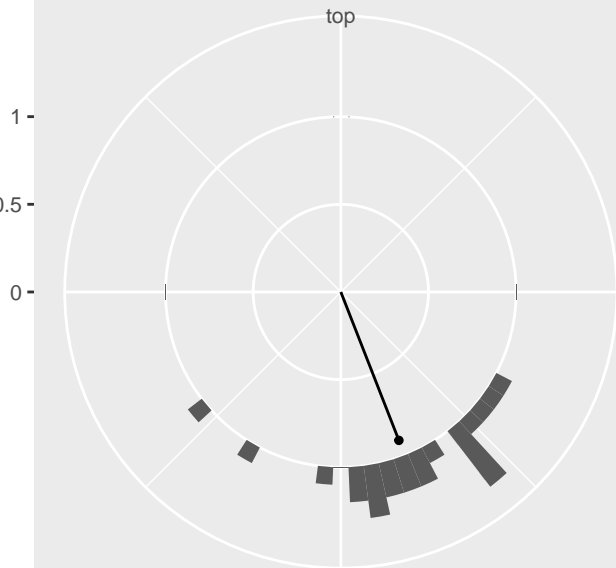
# Positions

Directionality — signif. - - - non-signif.

raw  
159°,  $r=0.91$ ,  $p=0$

rotated  
235°,  $r=0.93$ ,  $p=0$

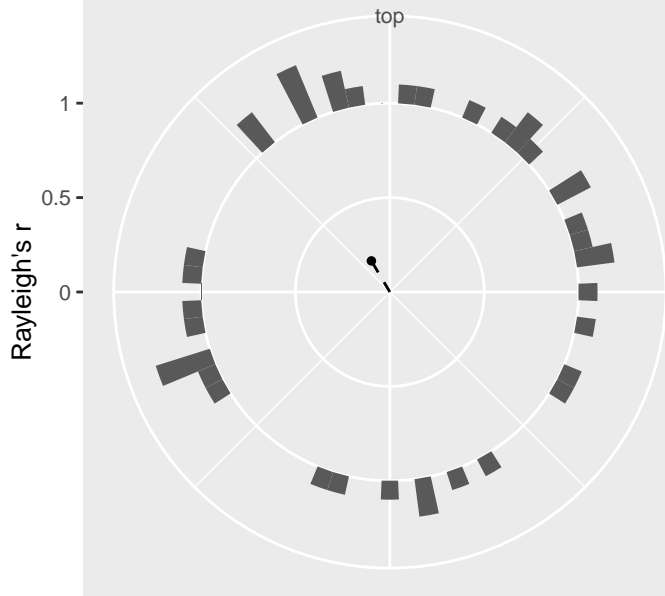
Rayleigh's  $r$



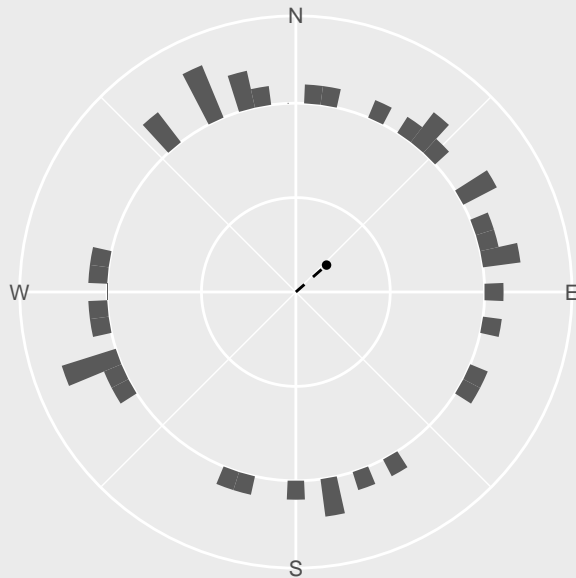
# Swimming directions

Directionality — signif. — — non-signif.

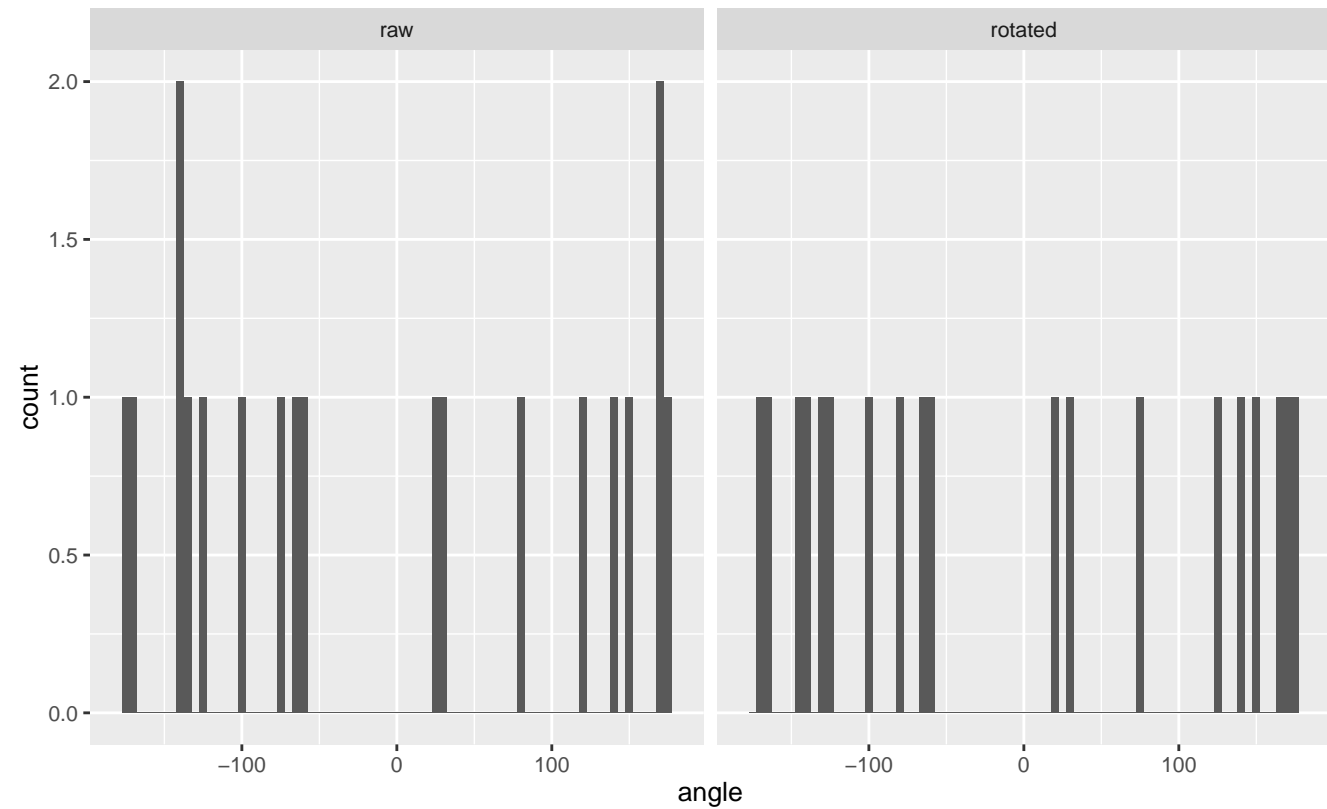
raw  
329°,  $r=0.19$ ,  $p=0.469$



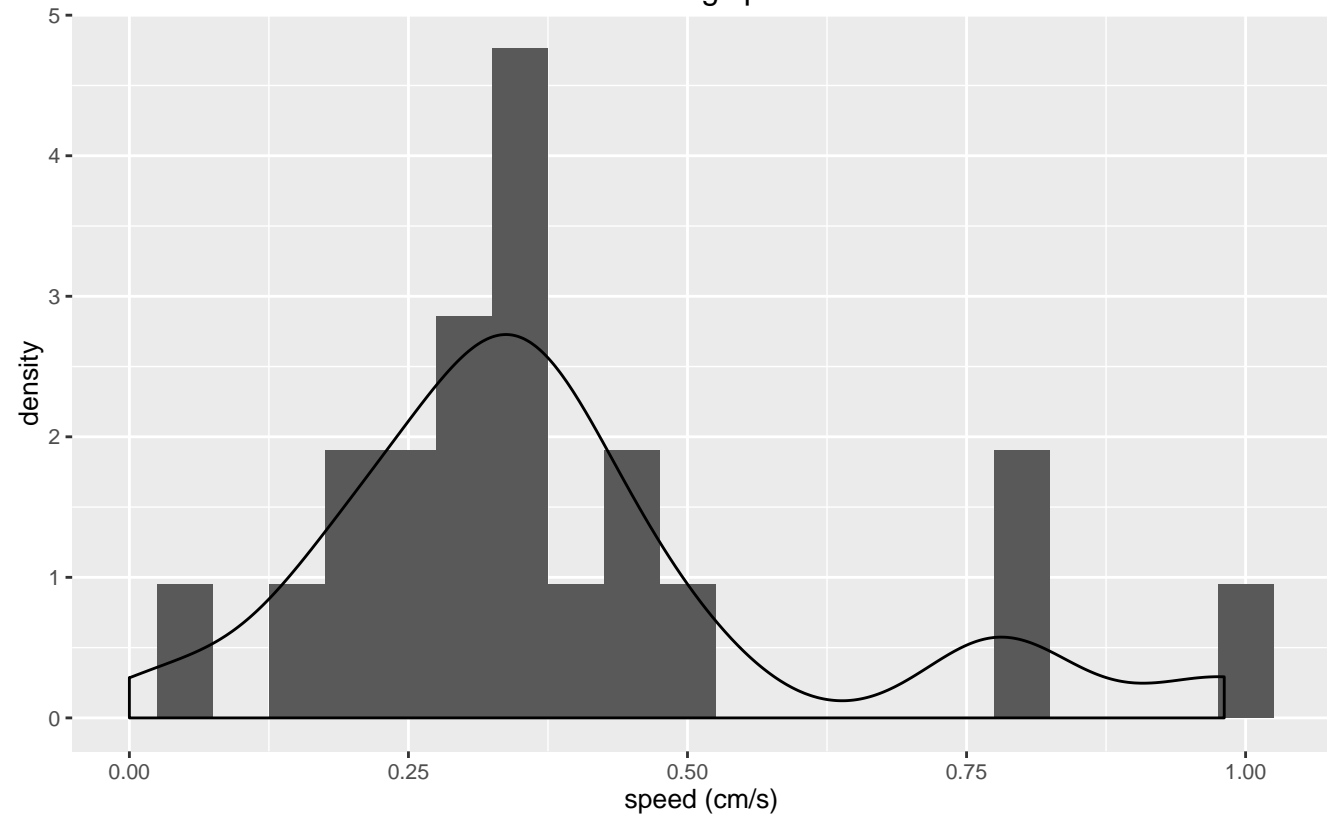
rotated  
49°,  $r=0.22$ ,  $p=0.379$



# Turning angles



Swimming speeds



# Compass rotation

