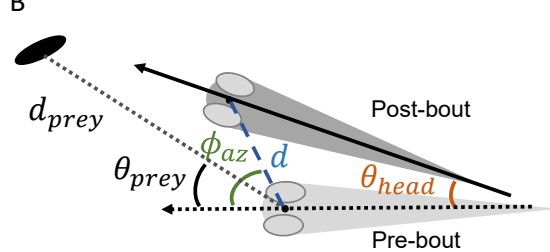


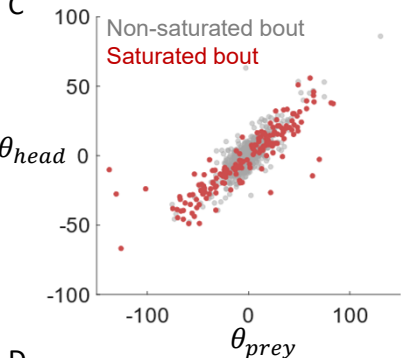
A

Possible 2d representations		Successful representation	
		saturated bouts	non-saturated bouts
$\phi_{az}$	$\phi_{az}, d$ for all bouts	✓	✓
	$\theta_{head}, \phi_{az}$ for all bouts	✓	✗
$\theta_{head}$	$\theta_{head}, d$ for all bouts	✗	✓
	$\theta_{head}, d$ for non-saturated bouts	✓	✓
	$\theta_{head}, \phi_{az}$ for saturated bouts		

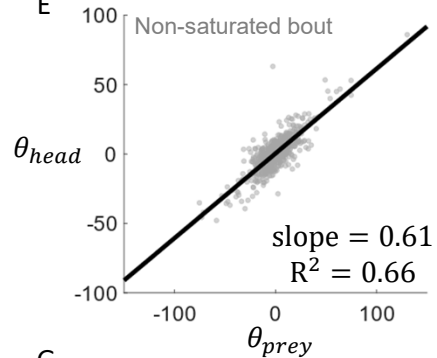
B



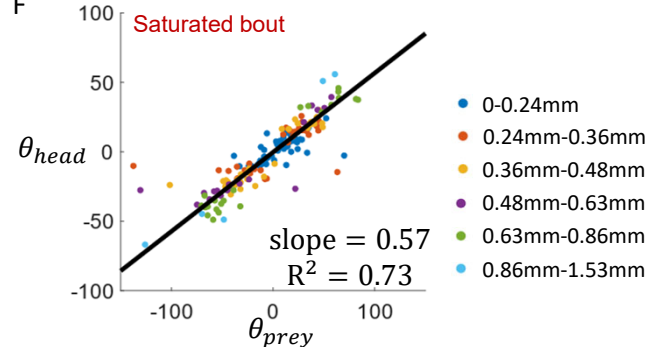
C



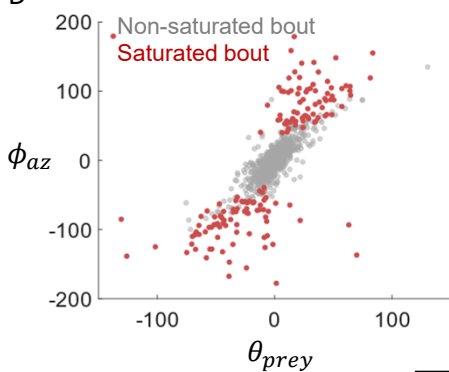
E



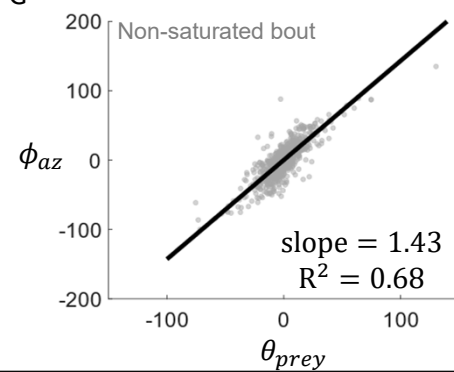
F



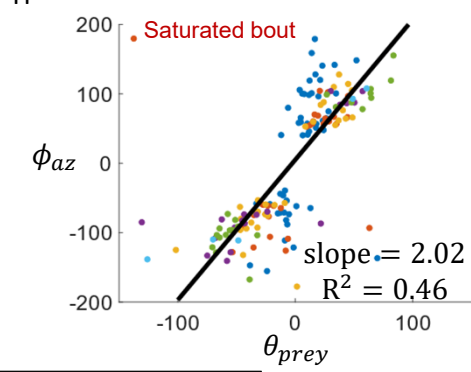
D



G

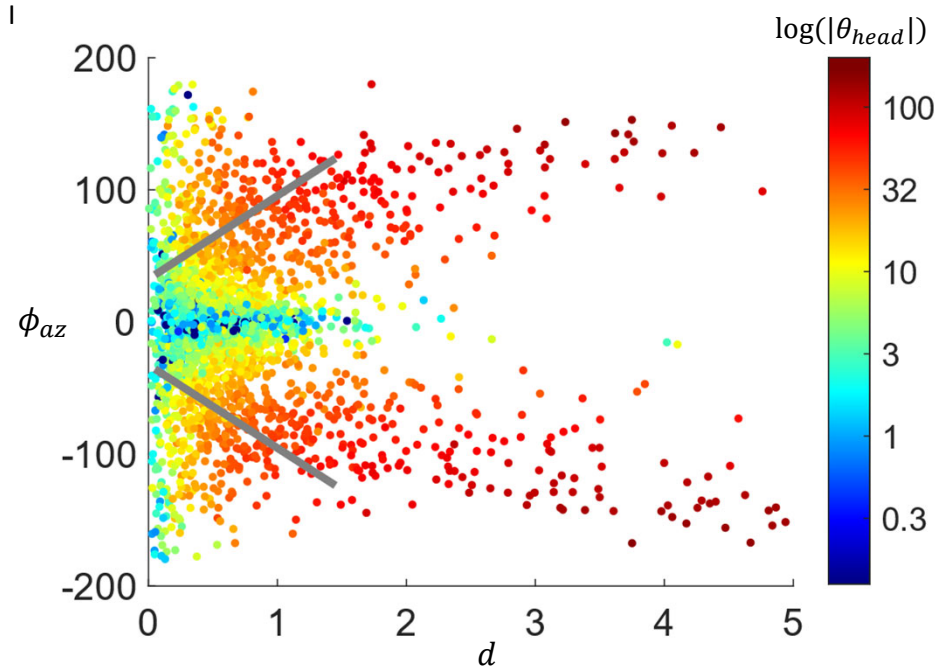


H

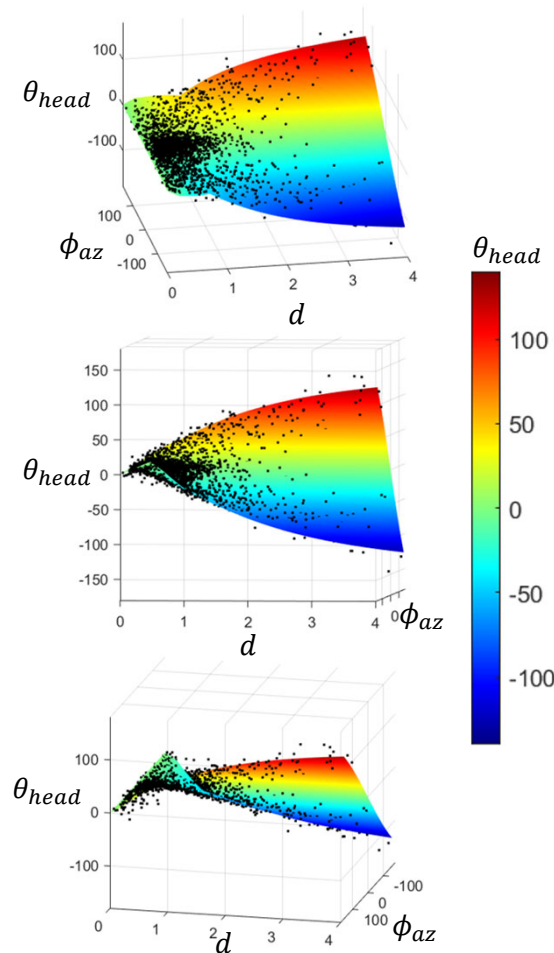


$\theta_{head} \propto \theta_{prey}$  for both saturated and non-saturated bouts

I



J



$\theta_{prey} \rightarrow \theta_{head} \rightarrow$  L-shaped azimuth-distance continuum for a selected  $\theta_{head}$

