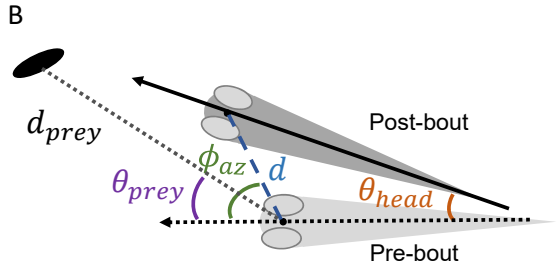
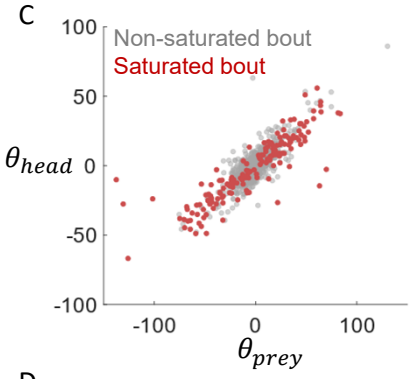
A

Possible 2d representations	Successful representation: saturated bouts	Successful representation: non-saturated bouts
ϕ_{az} → ϕ_{az}, d for all bouts	✓	✓
θ_{head} → θ_{head}, ϕ_{az} for all bouts	✓	✗
θ_{head} → θ_{head}, d for all bouts	✗	✓
θ_{head} → θ_{head}, d for non-saturated bouts; θ_{head}, ϕ_{az} for saturated bouts	✓	✓

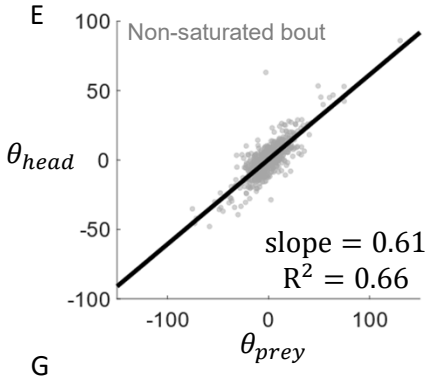
B



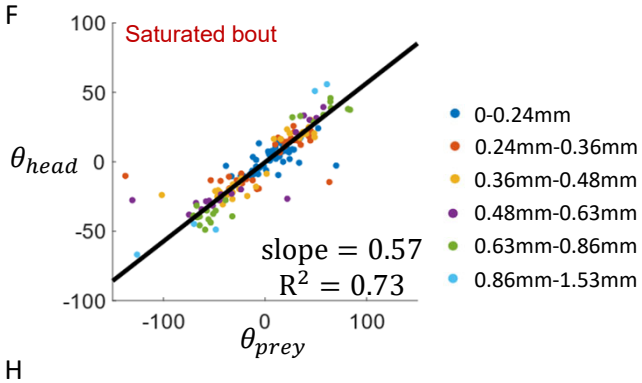
C



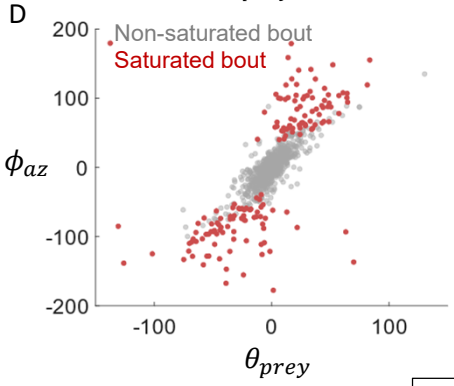
E



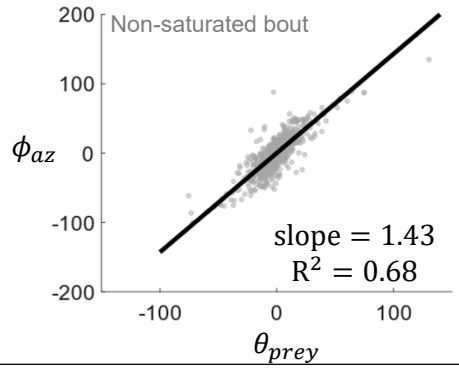
F



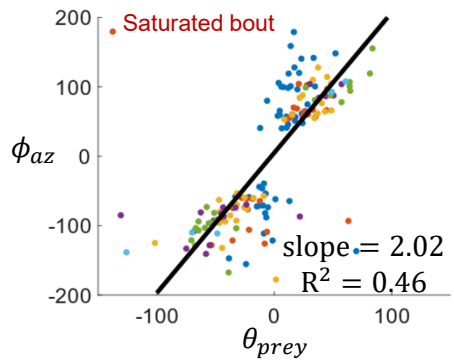
D



G

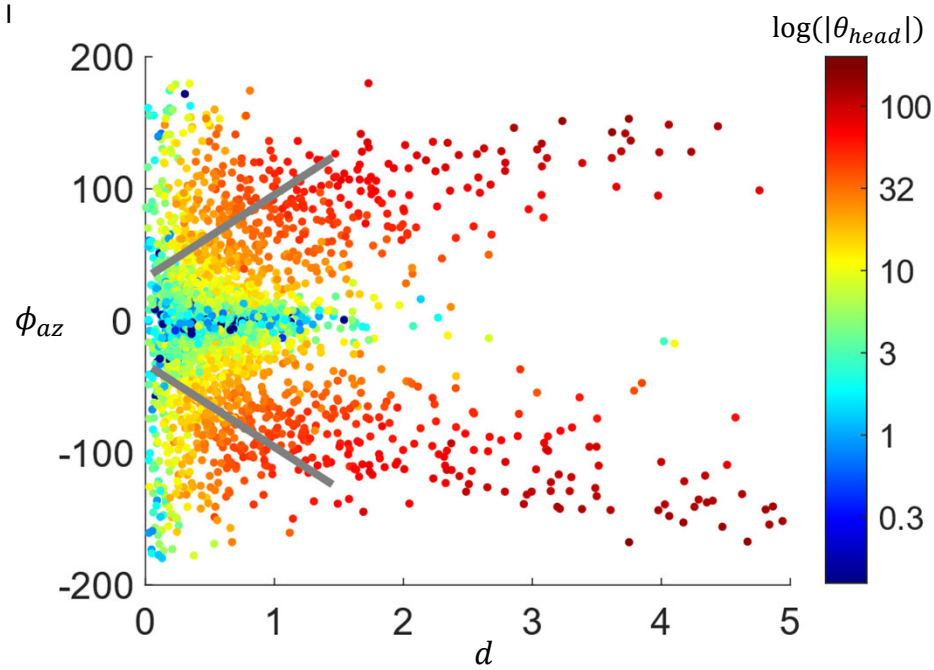


H

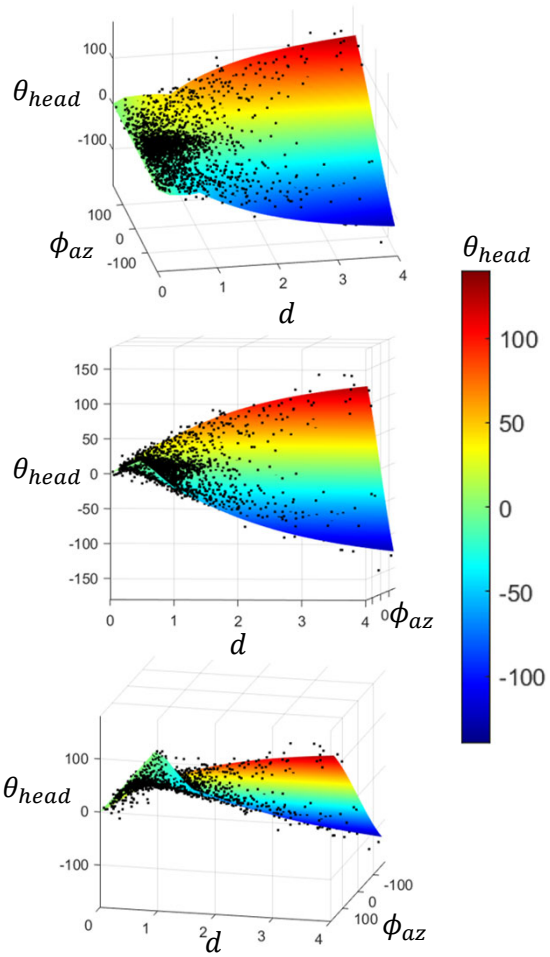
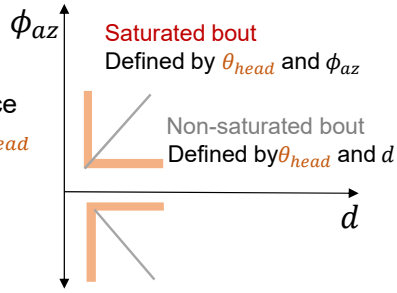


$\theta_{head} \propto \theta_{prey}$ for both saturated and non-saturated bouts

I



J



θ_{prey} → θ_{head} → L-shaped azimuth–distance continuum for a selected θ_{head}