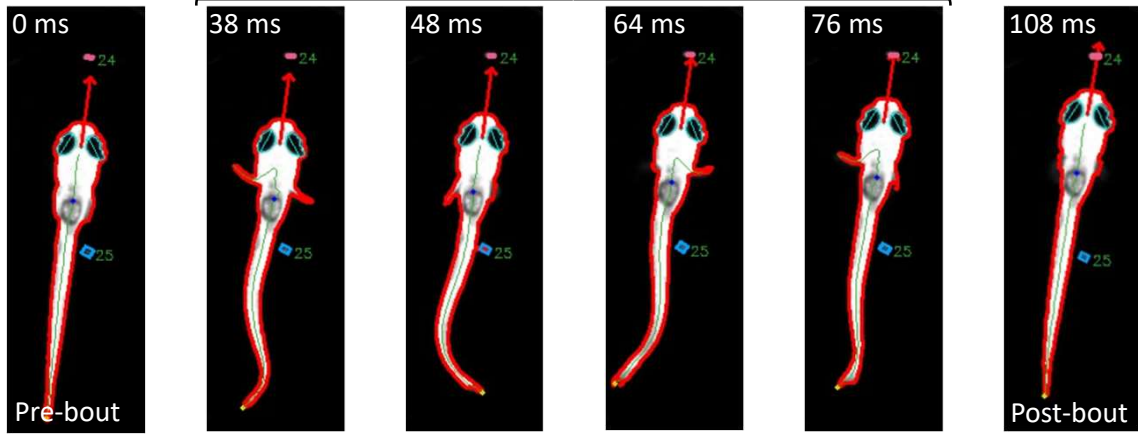
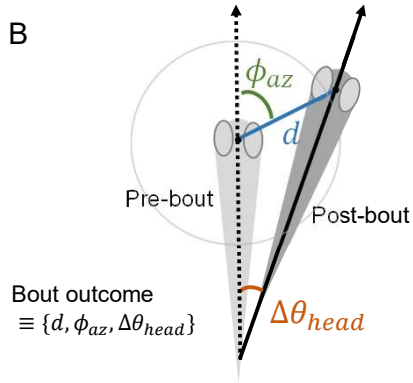


A bout of movement (tail, fins, jaws, eyes, ...)

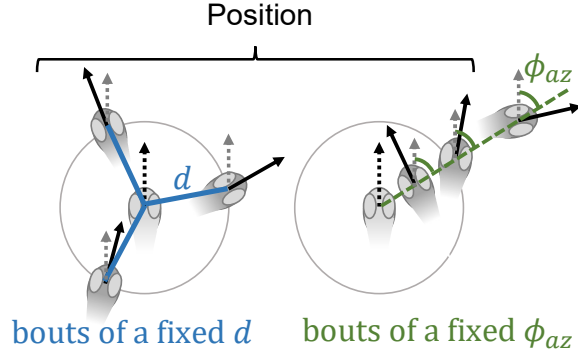
A



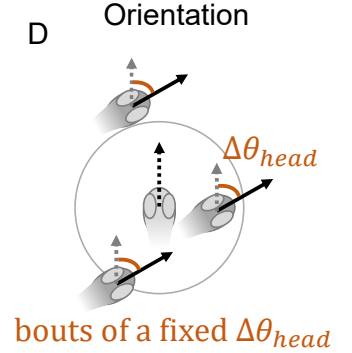
B



C

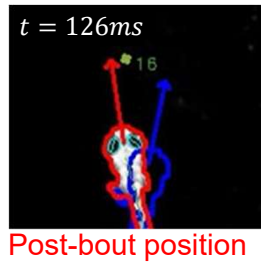
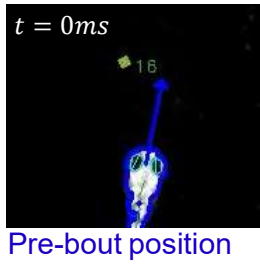


D



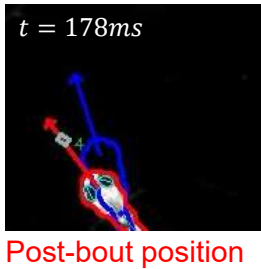
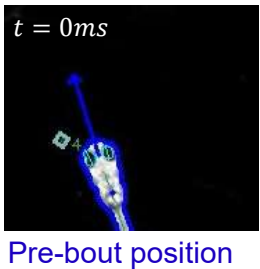
E

$\phi_{az} < 90^\circ$ - Forward bout



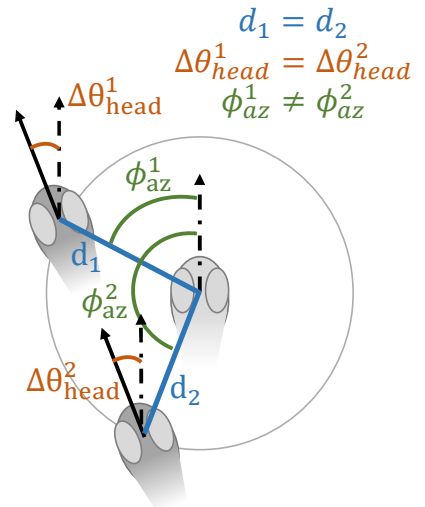
$$\begin{aligned} d_1 &= 0.539\text{mm} \\ \Delta\theta_{head}^1 &= 20.18 \\ \phi_{az}^1 &= 61.29 \end{aligned}$$

$\phi_{az} > 90^\circ$ - Backward bout



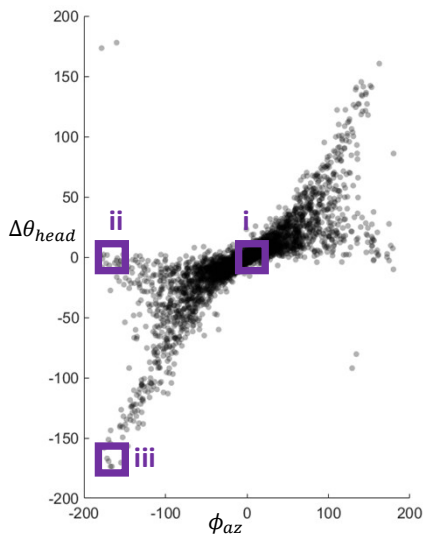
$$\begin{aligned} d_2 &= 0.536\text{mm} \\ \Delta\theta_{head}^2 &= 20.53 \\ \phi_{az}^2 &= 160.02 \end{aligned}$$

F



Different fish positions despite similar $\Delta\theta_{head}$ and d

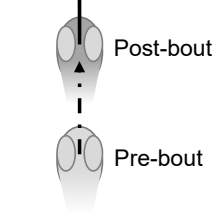
G



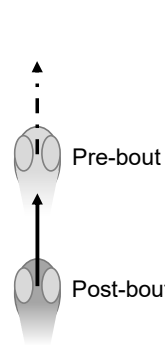
i

ii

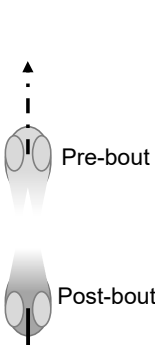
iii



$\Delta\theta_{head} \approx 0^\circ$
 $\phi_{az} \approx 0^\circ$
Forward



$\Delta\theta_{head} \approx 0^\circ$
 $\phi_{az} \approx 180^\circ$
Reverse



$\Delta\theta_{head} \approx 180^\circ$
 $\phi_{az} \approx 180^\circ$
Escape