

A

θ_{head} vs θ_{prey}^{rot} slopes for different separations of the data

$d_{50} = 2.34\text{ mm}$
(50% of data)

$d_{75} = 3.15\text{ mm}$
(75% of data)

$d_{90} = 4\text{ mm}$
(90% of data)

$d_{prey} < d_{50}$ $d_{prey} > d_{50}$

$d_{prey} < d_{75}$ $d_{prey} > d_{75}$

$d_{prey} < d_{90}$ $d_{prey} > d_{90}$

$\theta_{prey}^{rot} < 5^\circ$
(50% of data)

1.18 ± 0.25	0.79 ± 0.22
0.97 ± 0.05	0.82 ± 0.03

1.07 ± 0.2	0.81 ± 0.33
0.95 ± 0.04	0.79 ± 0.04

1.04 ± 0.18	0.68 ± 0.72
0.92 ± 0.03	0.75 ± 0.06

$\theta_{prey}^{rot} > 5^\circ$

1.12 ± 0.12	0.82 ± 0.1
0.96 ± 0.06	0.82 ± 0.04

1.03 ± 0.09	0.79 ± 0.14
0.95 ± 0.04	0.79 ± 0.05

1.00 ± 0.08	0.77 ± 0.26
0.91 ± 0.04	0.75 ± 0.07

$\theta_{prey}^{rot} < 10^\circ$
(75% of data)

$\theta_{prey}^{rot} > 10^\circ$

1.12 ± 0.08	0.86 ± 0.06
0.91 ± 0.07	0.81 ± 0.05

1.05 ± 0.06	0.79 ± 0.08
0.91 ± 0.06	0.79 ± 0.06

1.00 ± 0.05	0.77 ± 0.15
0.88 ± 0.05	0.75 ± 0.09

$\theta_{prey}^{rot} < 20^\circ$
(90% of data)

$\theta_{prey}^{rot} > 20^\circ$