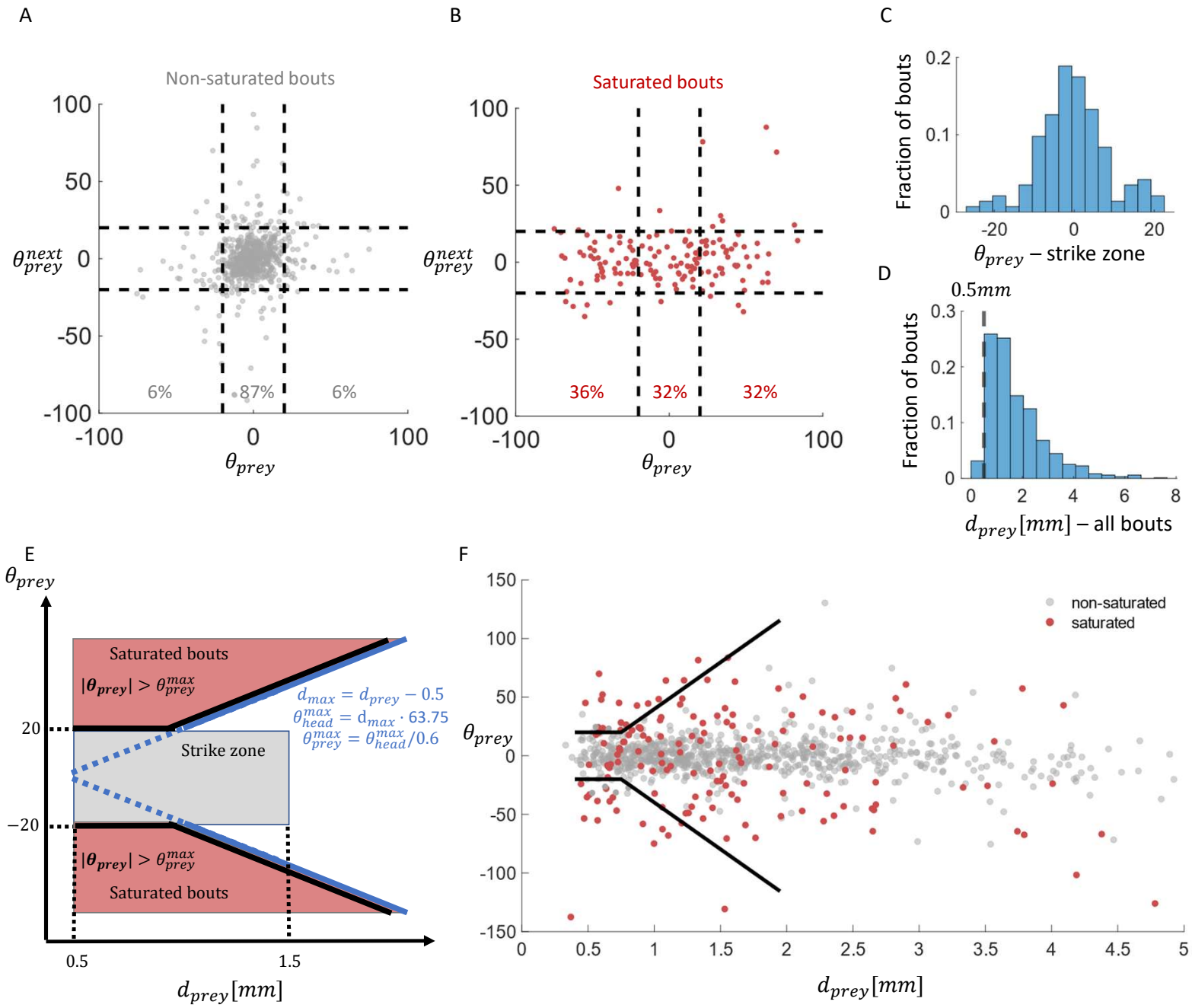
A
Non-saturated bouts
100
50
0
-50
-100
θ_{prey}^{next}
6%
87%
6%
-100
0
100
θ_{prey}
B
Saturated bouts
36%
32%
32%
C
Fraction of bouts
0.2
0.1
0
-20
0
20
θ_{prey} – strike zone
D
0.5mm
0.3
0.2
0.1
0
2
4
6
8
$d_{prey}[mm]$ – all bouts
E
θ_{prey}
Saturated bouts
$|\theta_{prey}| > \theta_{prey}^{max}$
$d_{max} = d_{prey} - 0.5$
$\theta_{head}^{max} = d_{max} \cdot 63.75$
$\theta_{prey}^{max} = \theta_{head}^{max}/0.6$
20
Strike zone
−20
$|\theta_{prey}| > \theta_{prey}^{max}$
Saturated bouts
0.5
1.5
$d_{prey}[mm]$
F
150
100
50
0
-50
-100
-150
non-saturated
saturated
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
$d_{prey}[mm]$