A
All trials
Stimulus
Choice
$r_{AC} = 0.37$
$r_{FC} = 0.38$
AC
FR2
$r_{AC} = 0.35$
$r_{FC} = 0.32$
Decoding performance (%)
100%
75%
50%
0
20
40
Spontaneous firing rate (Hz)
B
All trials
Stimulus
Choice
$r_{AC} = 0.39$
$r_{FC} = 0.42$
$r_{AC} = 0.36$
$r_{FC} = 0.33$
Average firing rate (Hz)
C
Target trials
$r_{AC} = 0.38$
$r_{FC} = 0.34$
$r_{AC} = 0.35$
$r_{FC} = 0.30$
Average firing rate (Hz)
D
Non-target trials
$r_{AC} = 0.40$
$r_{FC} = 0.39$
$r_{AC} = 0.35$
$r_{FC} = 0.30$
Average firing rate (Hz)
E
Go trials
$r_{AC} = 0.38$
$r_{FC} = 0.46$
$r_{AC} = 0.37$
$r_{FC} = 0.36$
Average firing rate (Hz)
F
No-go trials
$r_{AC} = 0.40$
$r_{FC} = 0.39$
$r_{AC} = 0.35$
$r_{FC} = 0.30$
Average firing rate (Hz)
G
All trials
$r_{AC} = 0.01$
$r_{FC} = -0.01$
$r_{AC} = -0.02$
$r_{FC} = -0.01$
1
2
Z-score
H
Target trials
$r_{AC} = -0.04$
$r_{FC} = -0.03$
$r_{AC} = -0.01$
$r_{FC} = -0.00$
Z-score
I
Non-target trials
$r_{AC} = 0.01$
$r_{FC} = 0.05$
$r_{AC} = -0.05$
$r_{FC} = 0.02$
Z-score
J
All trials
$r_{AC} = 0.28$
$r_{FC} = 0.18$
$r_{AC} = 0.07$
$r_{FC} = 0.09$
5
Ramp index