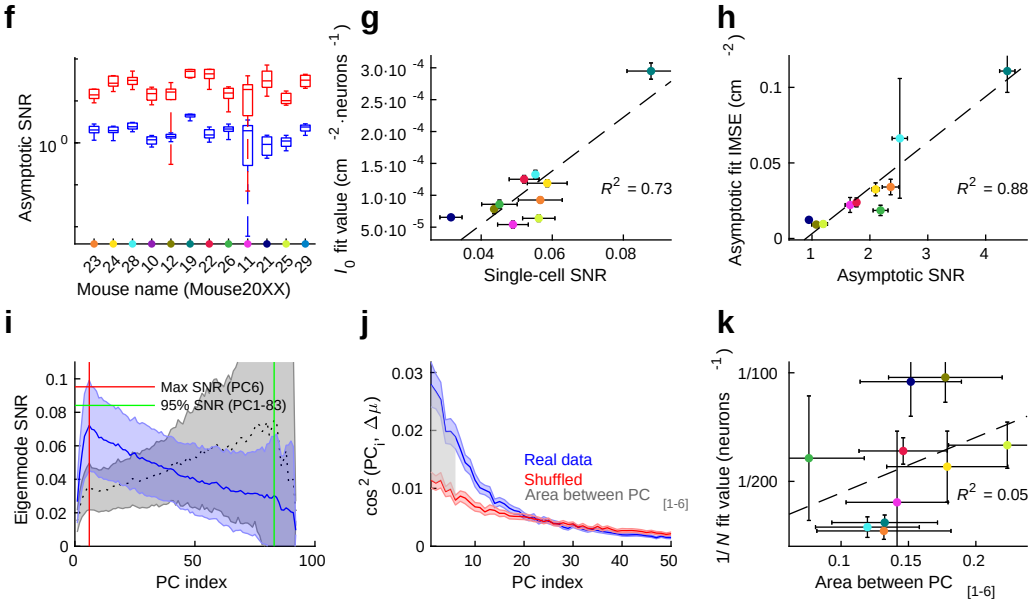
f
Asymptotic SNR
10 0
23 24 28 10 12 19 22 26 11 21 25 29
Mouse name (Mouse20XX)
g
I0 fit value (cm -2 · neurons -1)
3.0·10 -4
2.5·10 -4
2.0·10 -4
1.5·10 -4
1.0·10 -4
5.0·10 -5
0.04 0.06 0.08
Single-cell SNR
R2 = 0.73
h
Asymptotic fit IMSE (cm -2)
0.1
0.05
0
1 2 3 4
Asymptotic SNR
R2 = 0.88
i
Eigenmode SNR
0.1
0.08
0.06
0.04
0.02
0
Max SNR (PC6)
95% SNR (PC1-83)
0 50 100
PC index
j
cos2(PCi, Δμ)
0.03
0.02
0.01
0
Real data
Shuffled
Area between PC [1-6]
10 20 30 40 50
PC index
k
1/ N fit value (neurons -1)
1/100
1/200
R2 = 0.05
0.1 0.15 0.2
Area between PC [1-6]