a
Neuron
0
1
2
3
0
1
2
3
0
1
2
3
Time − odor (s)
b
r = 0.43, P < 0.05
Quinine auROC
1.0
0.5
0.0
0.0
0.5
1.0
Air puff auROC
c
Big reward
Small reward
Neutral
Punishment
Firing rate (spikes s-1)
10
5
0
0
1
2
3
Time - odor (s)