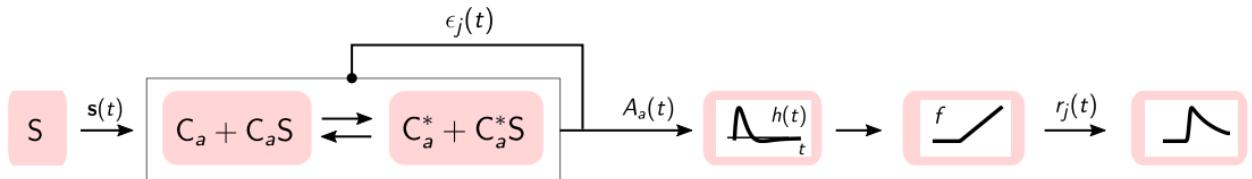
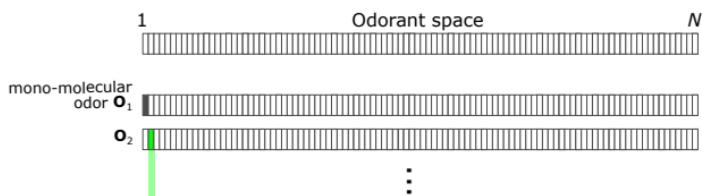
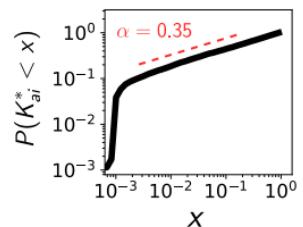
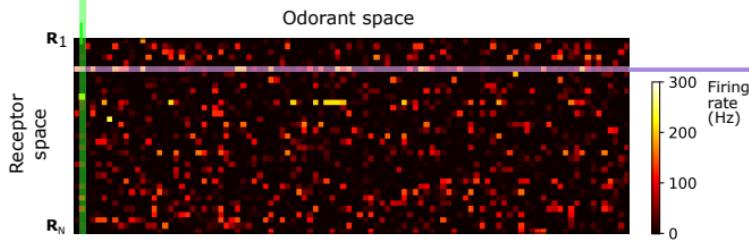
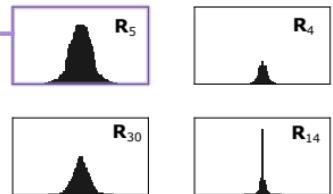


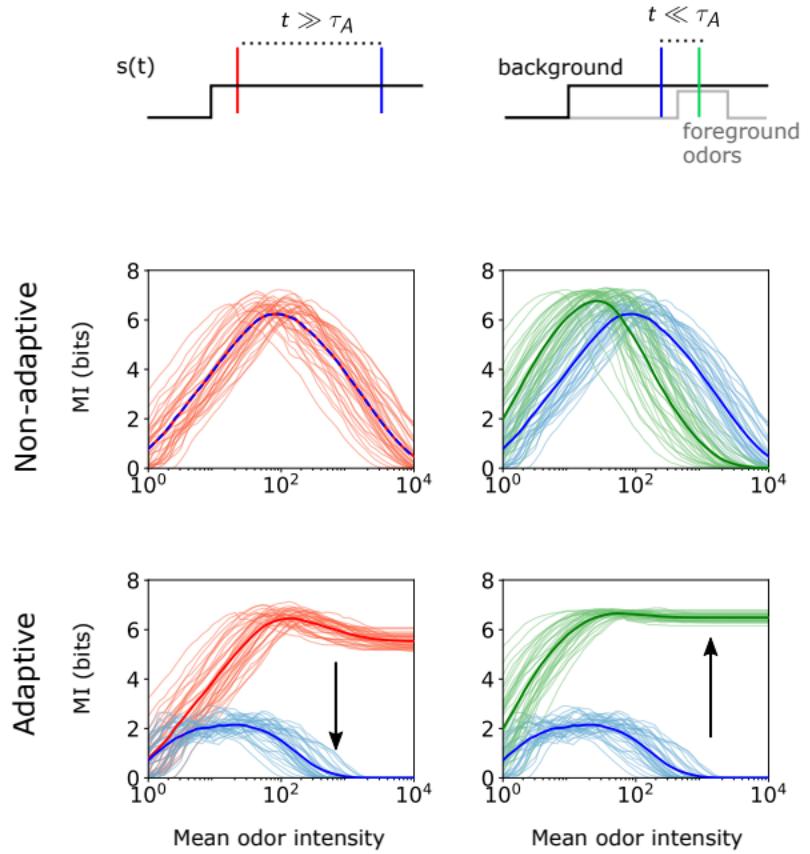
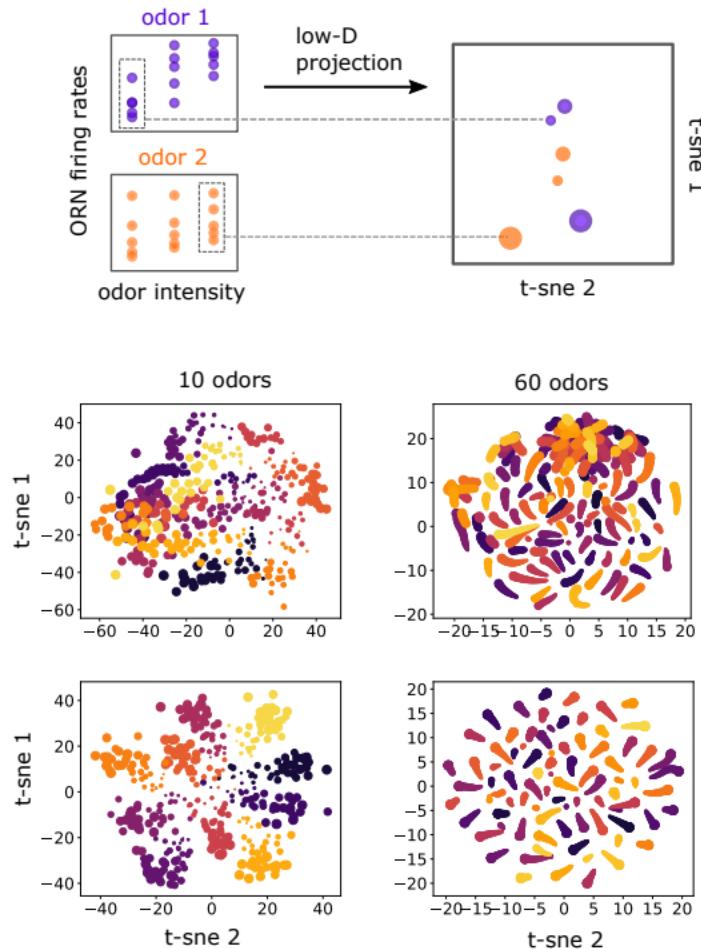
**A**

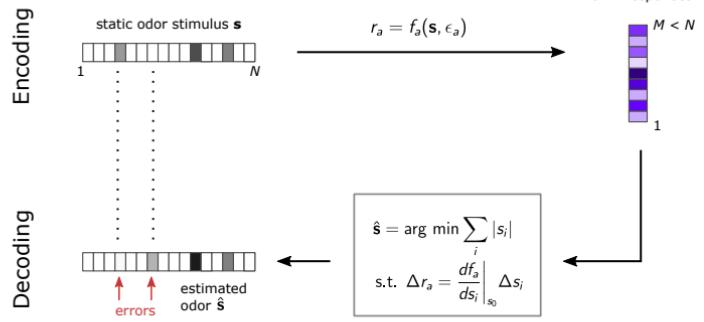
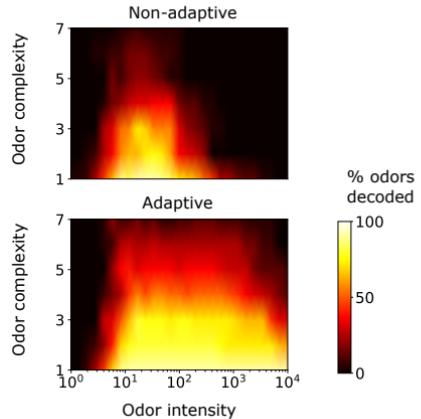
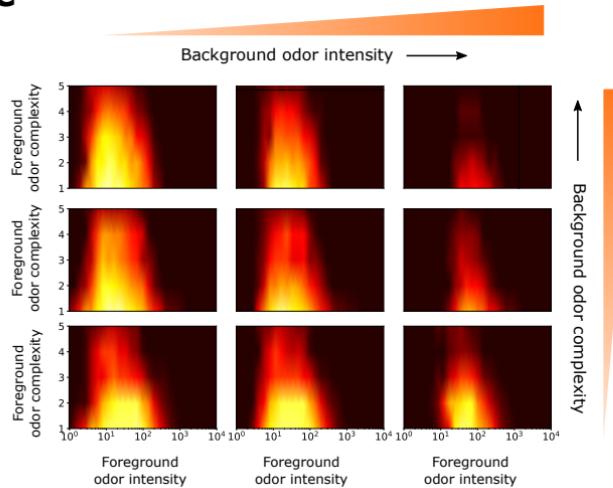
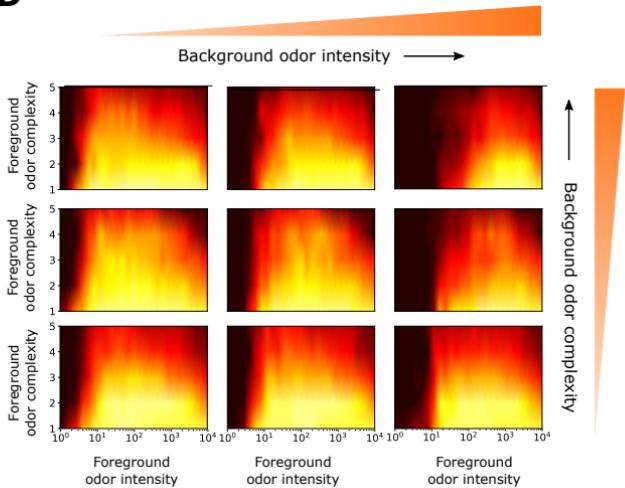
$$A_a(t) = \left( 1 + e^{\epsilon_a(t)} \frac{1 + \sum_i^N s_i(t)/K_{ai}}{1 + \sum_i^N s_i(t)/K_{ai}^*} \right)^{-1}$$

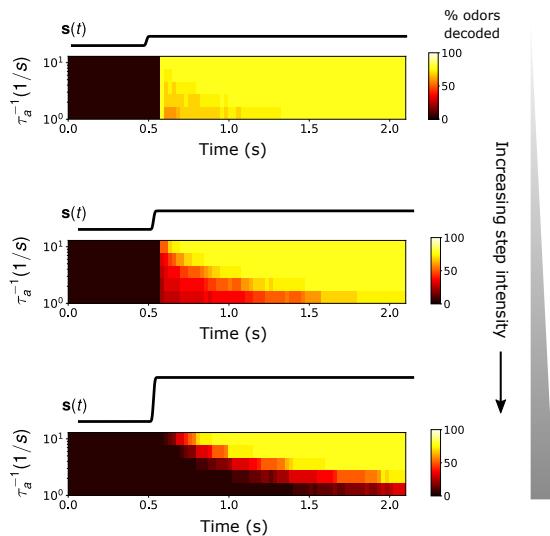
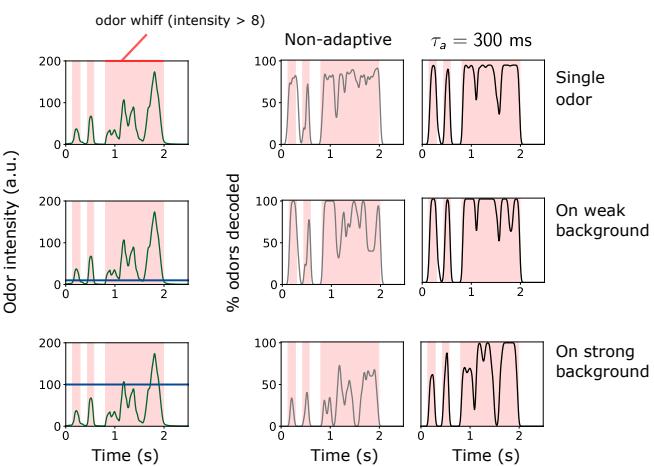
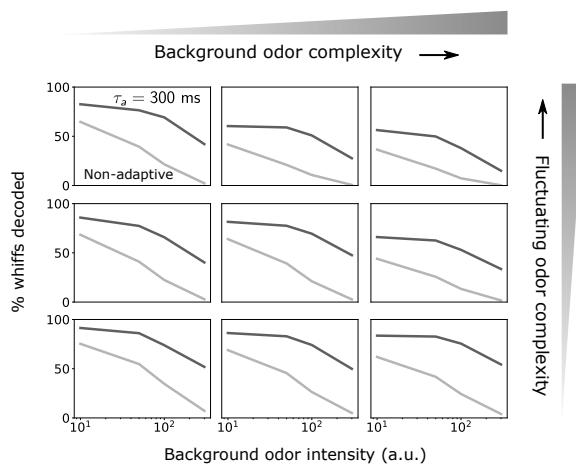
$$\frac{d\epsilon_a(t)}{dt} = \frac{A_{a0} - A_a(t)}{\tau_a}$$

$$r_a(t) = f \left( \int h(\tau - t) A_a(t) d\tau \right)$$

**B****C****D****E**

**A****B**

**A****B****C****D**

**A****B****C**

Odor mixture identification grows monotonically with  
ORN recruitment (20 distinct signals)

