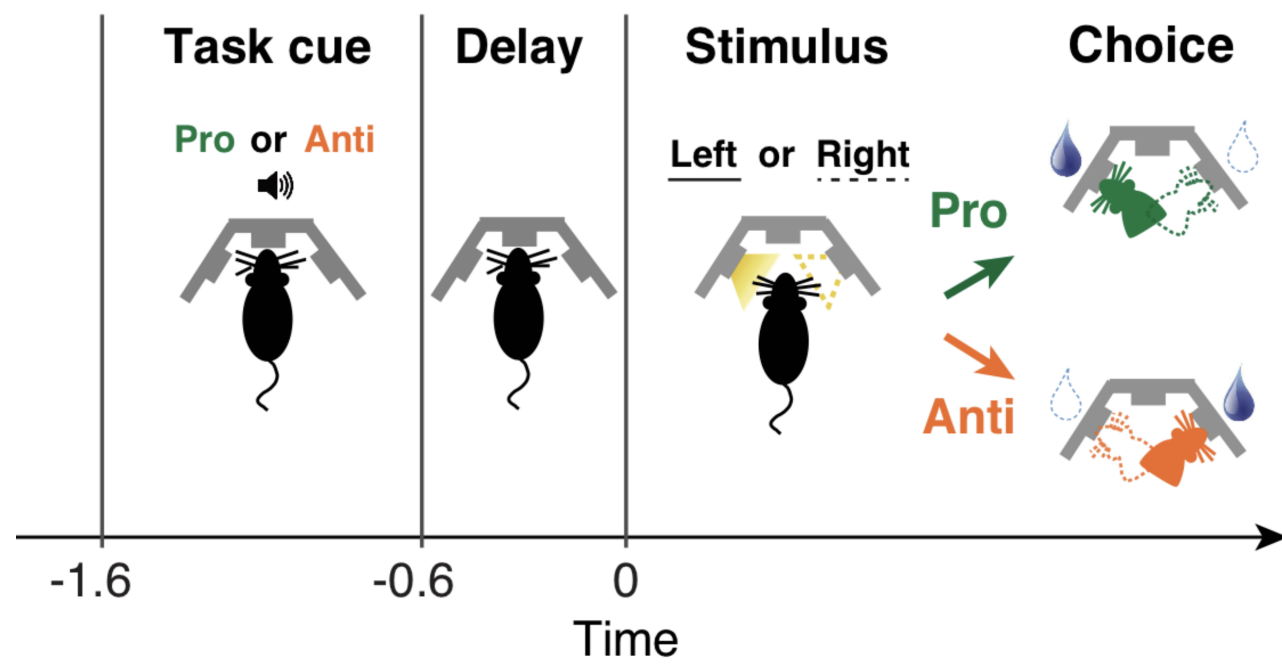
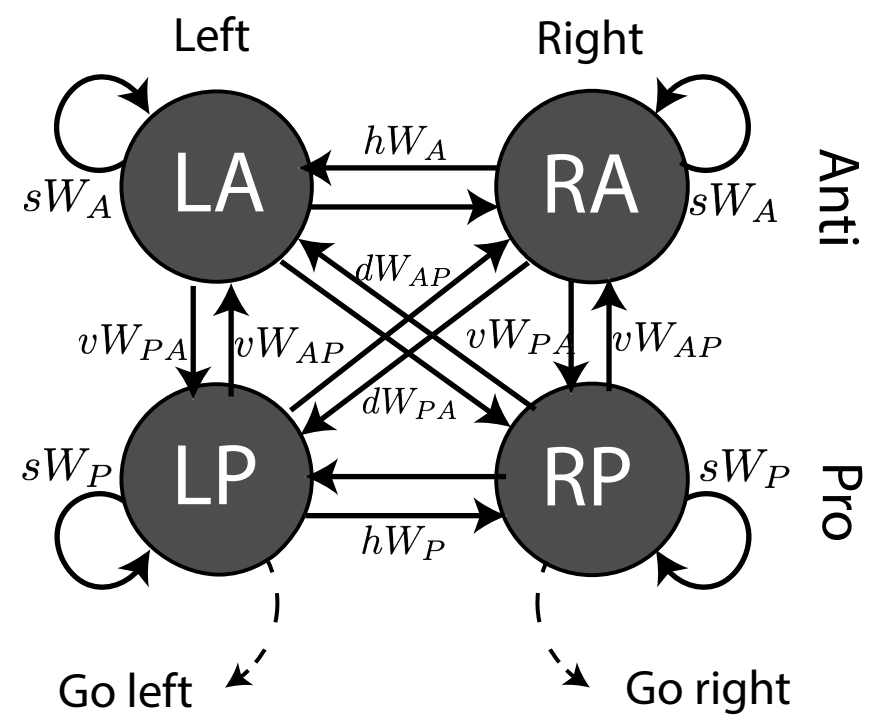
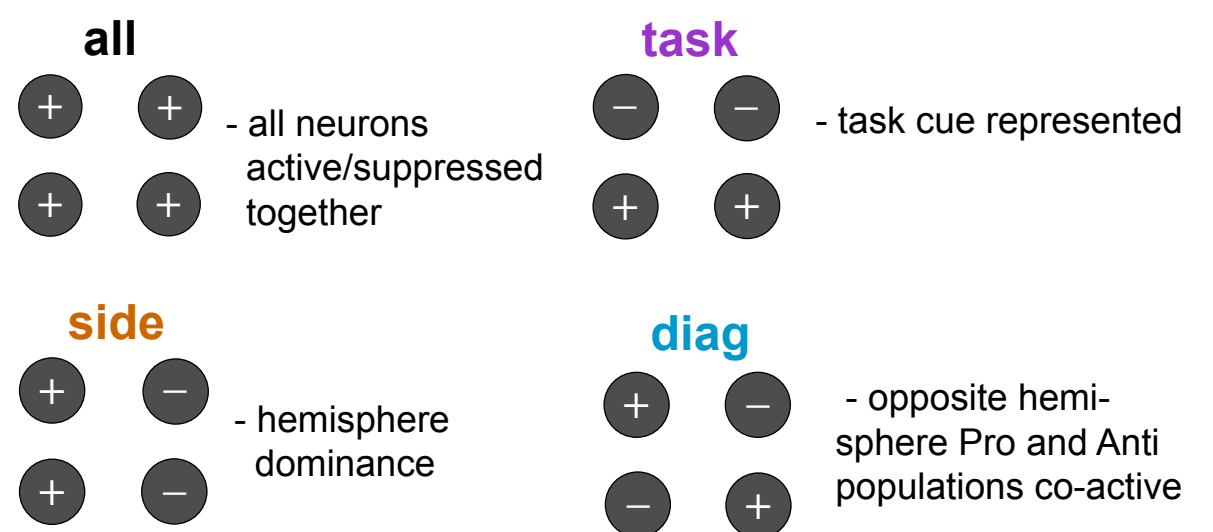


**A**

**B**

**C**

$$W = QAQ^{-1} = \begin{bmatrix} q_1 \\ q_2 \\ q_3 \\ q_4 \end{bmatrix}^T \begin{bmatrix} a_{11} & a_{12} & a_{13} & a_{14} \\ 0 & a_{22} & a_{23} & a_{24} \\ 0 & 0 & a_{33} & a_{34} \\ 0 & 0 & 0 & a_{44} \end{bmatrix} \begin{bmatrix} q_1 \\ q_2 \\ q_3 \\ q_4 \end{bmatrix}$$

$$q_i \in \left\{ \begin{array}{cc} \text{all} & \text{side} & \text{task} & \text{diag} \\ \begin{array}{cc} + & + \\ + & + \end{array}, & \begin{array}{cc} + & - \\ + & - \end{array}, & \begin{array}{cc} - & - \\ + & + \end{array}, & \begin{array}{cc} + & - \\ - & + \end{array} \end{array} \right\}$$


**D**
