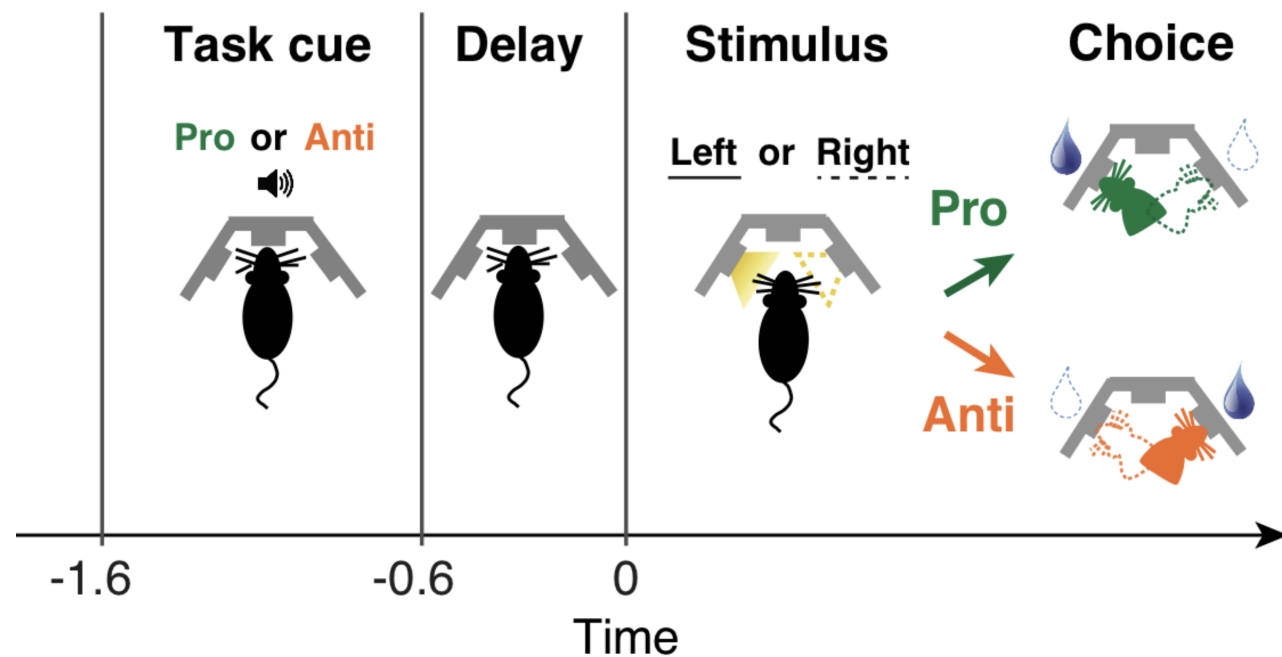
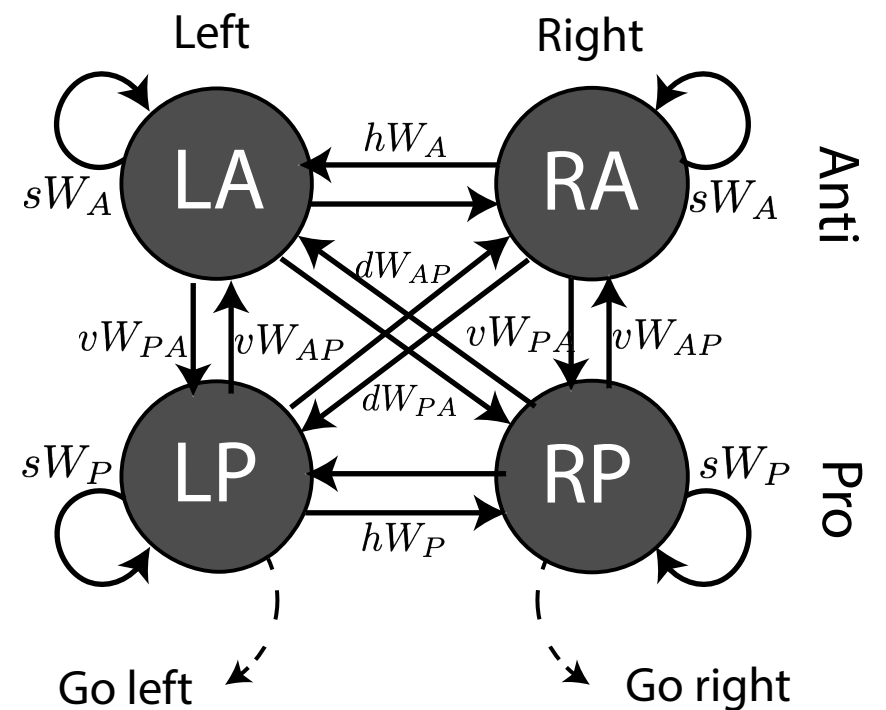


A



B



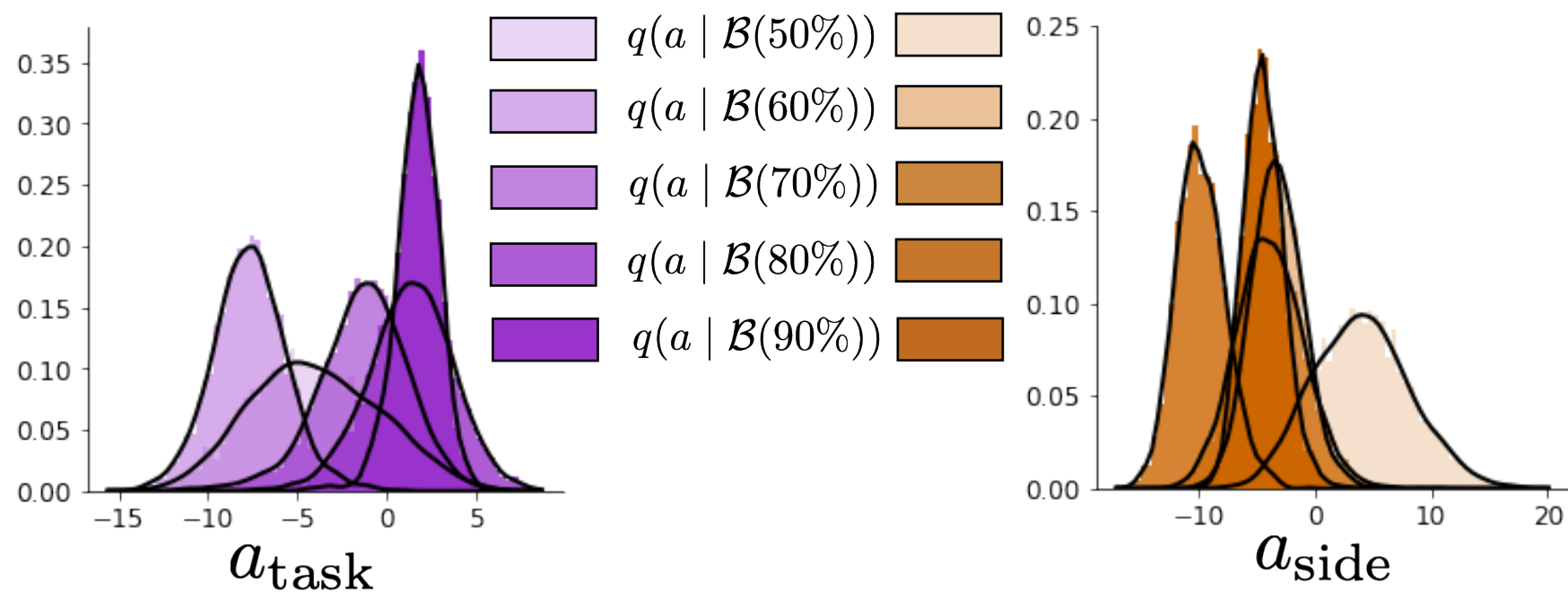
C

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

Legend for q_i patterns:

- all:** $\begin{bmatrix} + & + \\ + & + \end{bmatrix}$ - all neurons active/suppressed together
- side:** $\begin{bmatrix} + & - \\ + & - \end{bmatrix}$ - hemisphere dominance
- task:** $\begin{bmatrix} - & - \\ + & + \end{bmatrix}$ - task cue represented
- diag:** $\begin{bmatrix} + & - \\ - & + \end{bmatrix}$ - opposite hemisphere Pro and Anti populations

D



E

