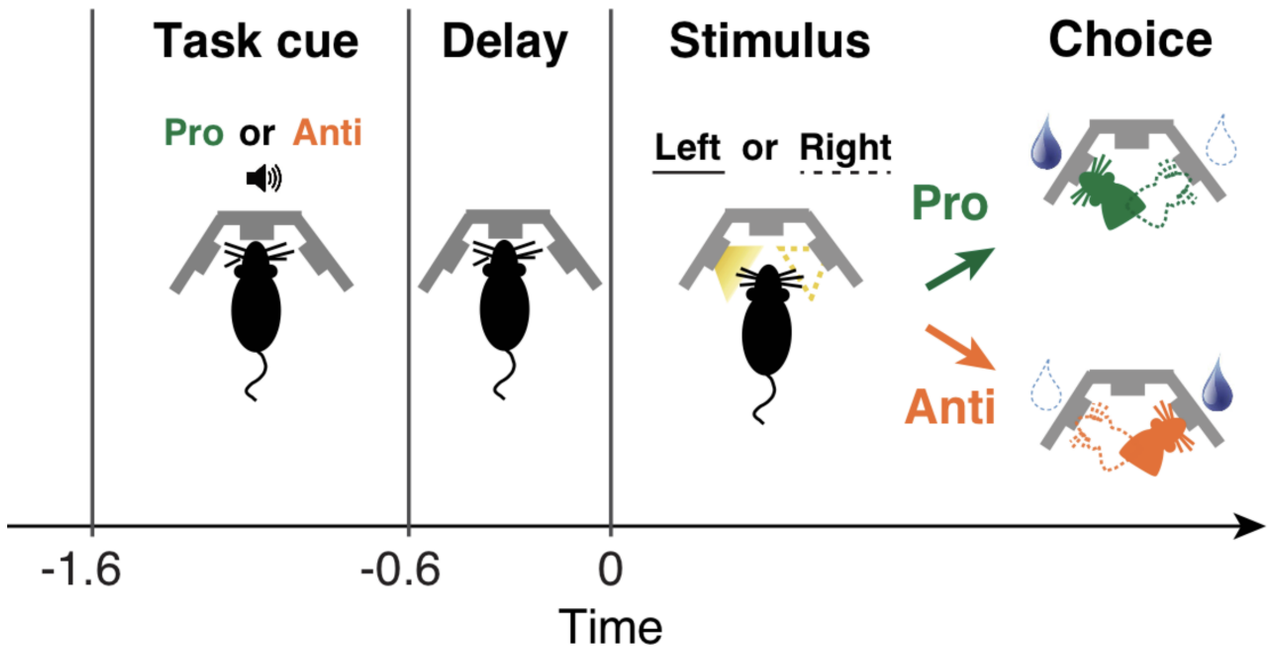
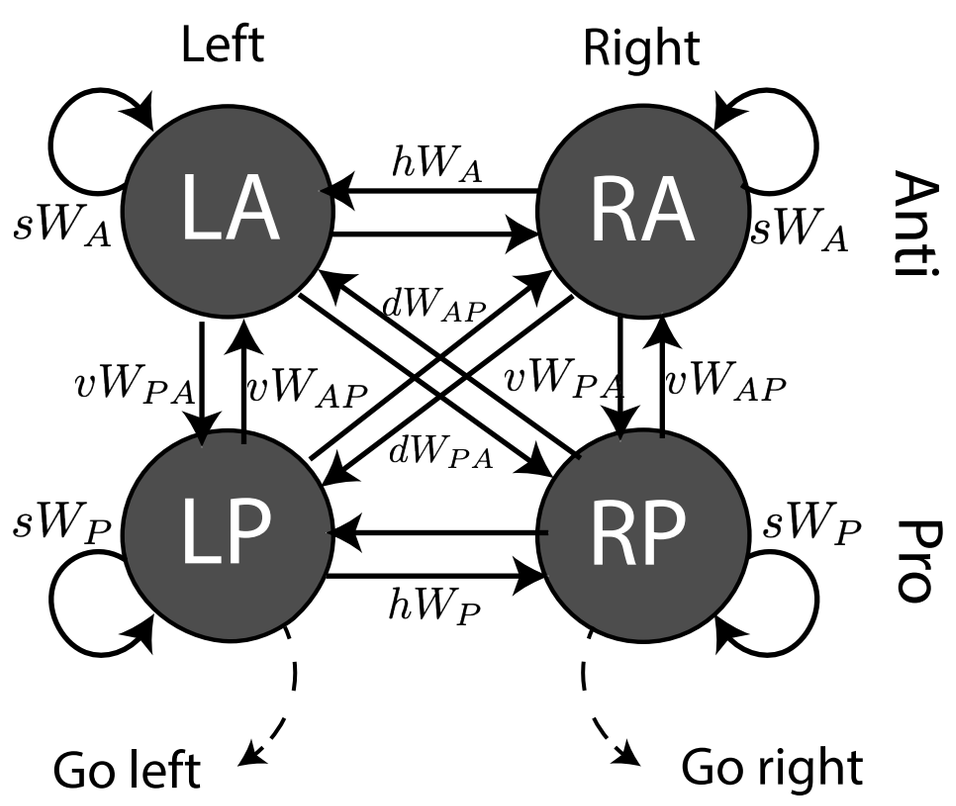
A



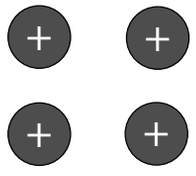
B



C

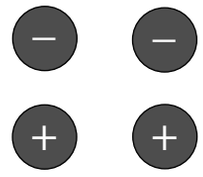
$$W = QAQ^{-1} = \begin{bmatrix} q_1 \\ q_2 \\ q_3 \\ q_4 \end{bmatrix}^\top \begin{bmatrix} a_{11} & a_{12} & a_{13} & a_{14} \\ 0 & a_{22} & a_{23} & a_{24} \\ 0 & 0 & a_{33} & a_{34} \\ 0 & 0 & 0 & a_{44} \end{bmatrix} \begin{bmatrix} q_1 \\ q_2 \\ q_3 \\ q_4 \end{bmatrix}$$

all



- all neurons active/suppressed together

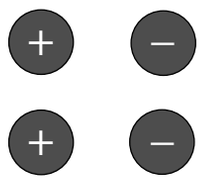
task



- task cue represented

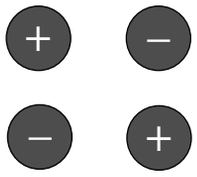
$$q_i \in \left\{ \begin{bmatrix} + \\ + \end{bmatrix}_{\text{all}}, \begin{bmatrix} + \\ - \end{bmatrix}_{\text{side}}, \begin{bmatrix} + \\ + \end{bmatrix}_{\text{task}}, \begin{bmatrix} - \\ + \end{bmatrix}_{\text{diag}} \right\}$$

side



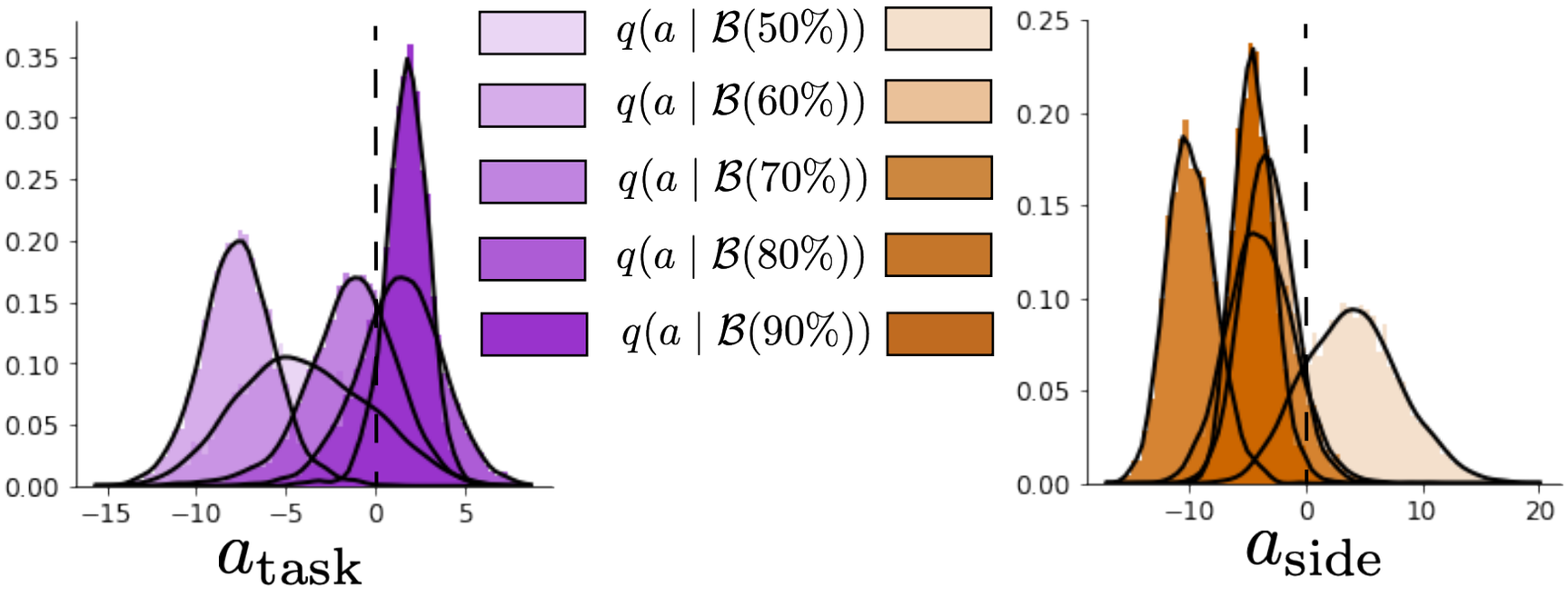
- hemisphere dominance

diag



- opposite hemisphere Pro and Anti populations

D



E