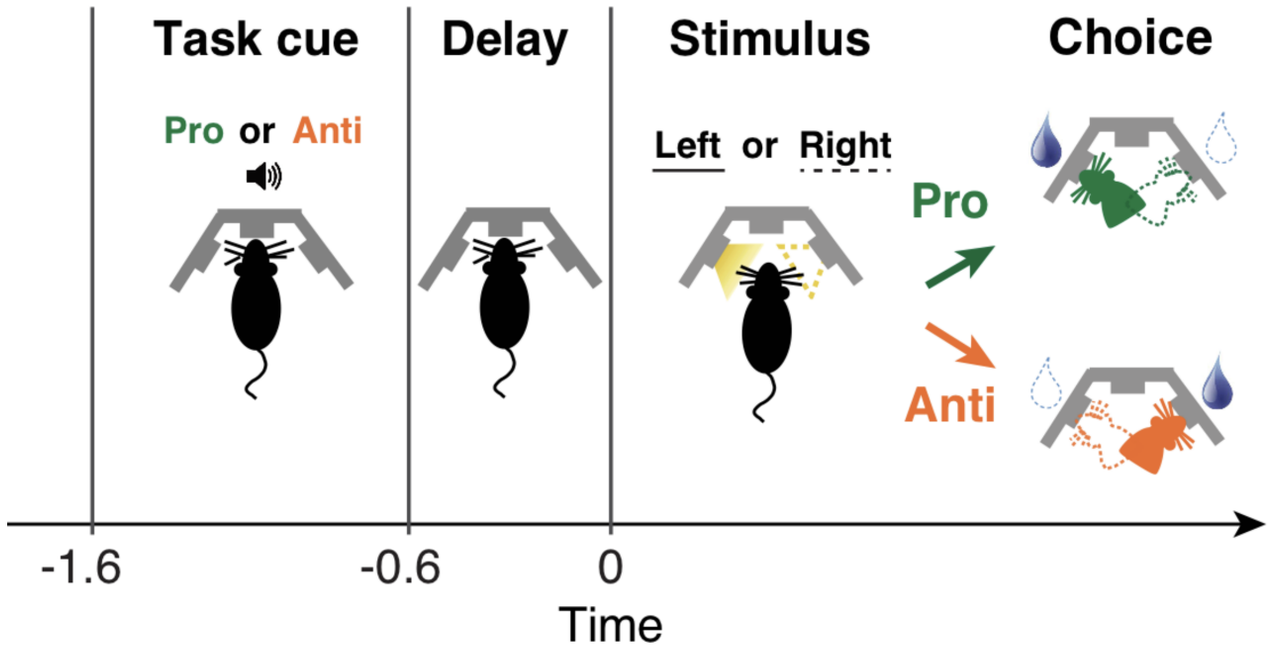
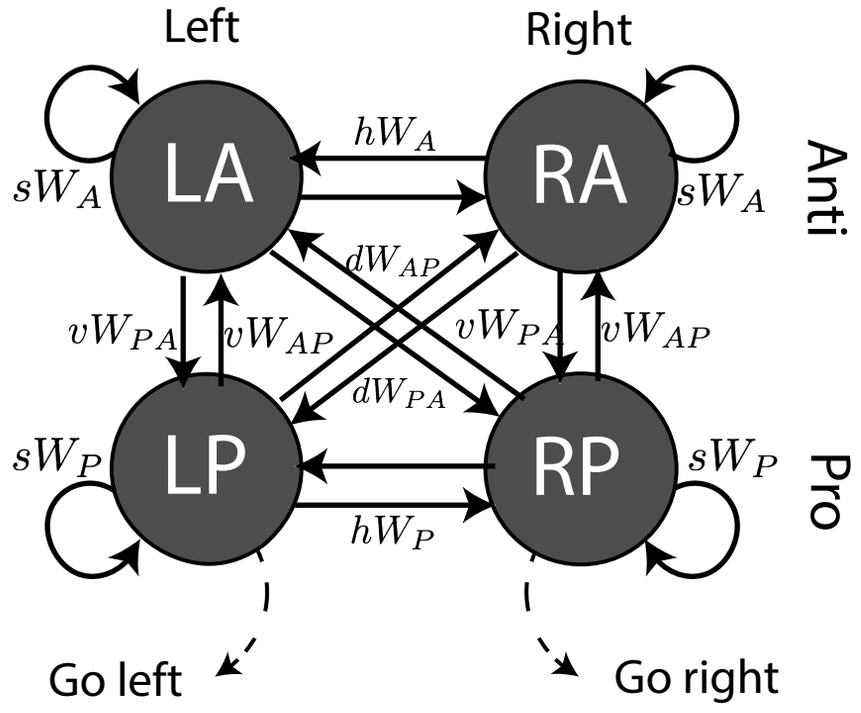
A



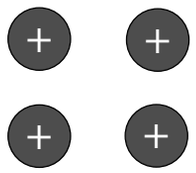
B



C

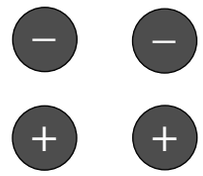
$$W = V\Lambda V^{-1} = \begin{bmatrix} v_1 \\ v_2 \\ v_3 \\ v_4 \end{bmatrix}^\top \begin{bmatrix} \lambda_{1,1} & \lambda_{1,2} & \lambda_{1,3} & \lambda_{1,4} \\ 0 & \lambda_{2,2} & \lambda_{2,3} & \lambda_{2,4} \\ 0 & 0 & \lambda_{3,3} & \lambda_{3,4} \\ 0 & 0 & 0 & \lambda_{4,4} \end{bmatrix} \begin{bmatrix} v_1 \\ v_2 \\ v_3 \\ v_4 \end{bmatrix}$$

all



- all neurons active/suppressed together

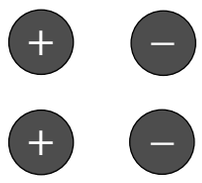
task



- task cue represented

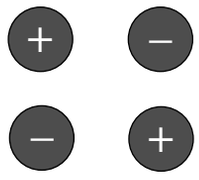
$$v_i \in \left\{ \begin{matrix} + \\ + \end{matrix} \begin{matrix} + \\ + \end{matrix}, \begin{matrix} + \\ + \end{matrix} \begin{matrix} - \\ - \end{matrix}, \begin{matrix} + \\ + \end{matrix} \begin{matrix} + \\ + \end{matrix}, \begin{matrix} - \\ - \end{matrix} \begin{matrix} + \\ + \end{matrix} \right\}$$

side



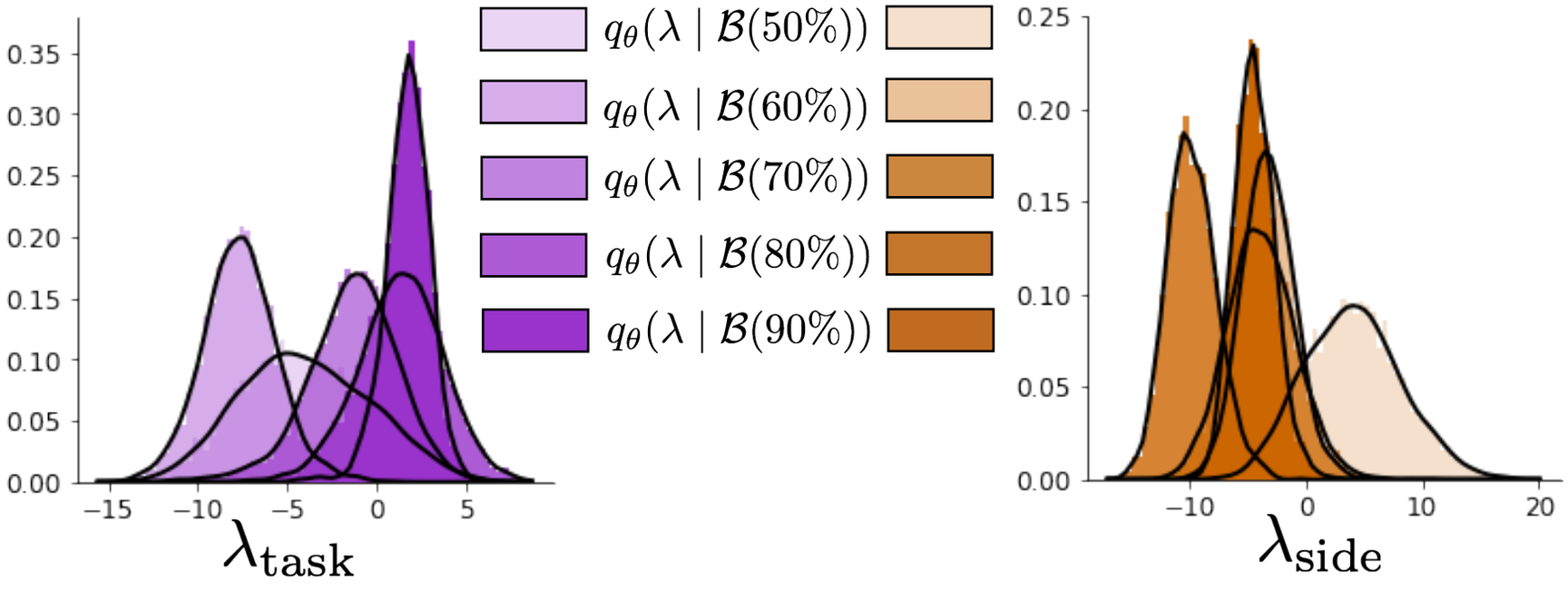
- hemisphere dominance

diag



- opposite hemisphere Pro and Anti

D



E