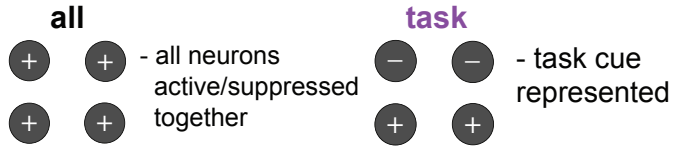



$$W = V\Lambda V^{-1} = \begin{bmatrix} v_1 \\ v_2 \\ v_3 \\ v_4 \end{bmatrix}^\top \begin{bmatrix} \lambda_{1,1} & \lambda_{1,2} & \lambda_{1,3} & \lambda_{1,4} \\ 0 & \lambda_{2,2} & \lambda_{2,3} & \lambda_{2,4} \\ 0 & 0 & \lambda_{3,3} & \lambda_{3,4} \\ 0 & 0 & 0 & \lambda_{4,4} \end{bmatrix} \begin{bmatrix}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




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

side



- hemisphere dominance

diag



- opposite hemisphere Pro and Anti