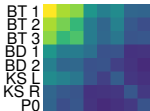


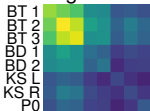
ORNs  $\rightarrow$  LN dot products

$$\mathbf{W}^\top \mathbf{W} = \{\mathbf{w}_{\text{LN}i}^\top \mathbf{w}_{\text{LN}j}\}$$

left side  $(\# \text{ syn.})^2$



right side



1 2 3 1 2 L R P0  
BT BT BT BD BD KS KS P0  
BT BT BT BD BD KS KS P0

$\mathbf{w}_{\text{LN}}$

ORNs  $\rightarrow$  LN synaptic count vector  $\mathbf{w}_{\text{LN}}$