

Group neurons

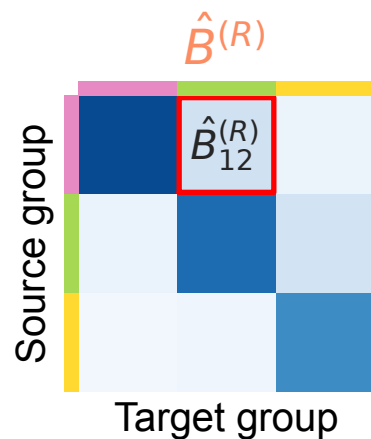
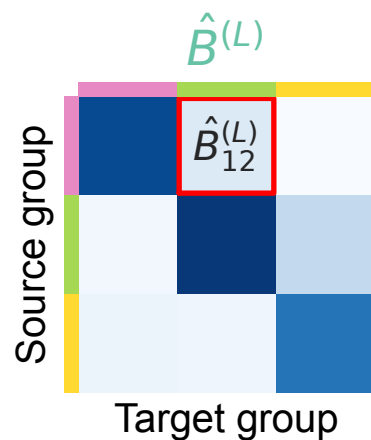
Left



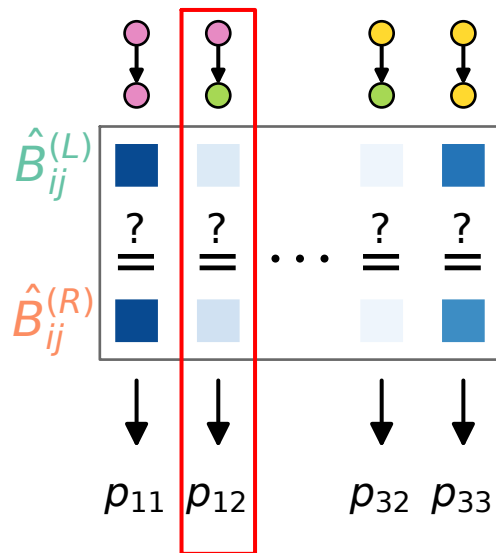
Right



Estimate group connection probabilities



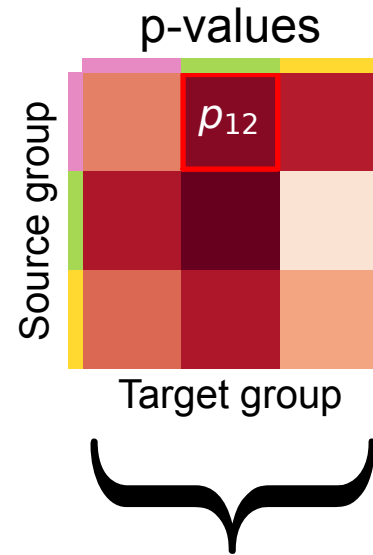
Compare probabilities, compute p-values



$$H_0: B_{ij}^{(L)} = B_{ij}^{(R)}$$

$$H_A: B_{ij}^{(L)} \neq B_{ij}^{(R)}$$

Combine p-values for overall test



$$H_0: B^{(L)} = B^{(R)}$$

$$H_A: B^{(L)} \neq B^{(R)}$$