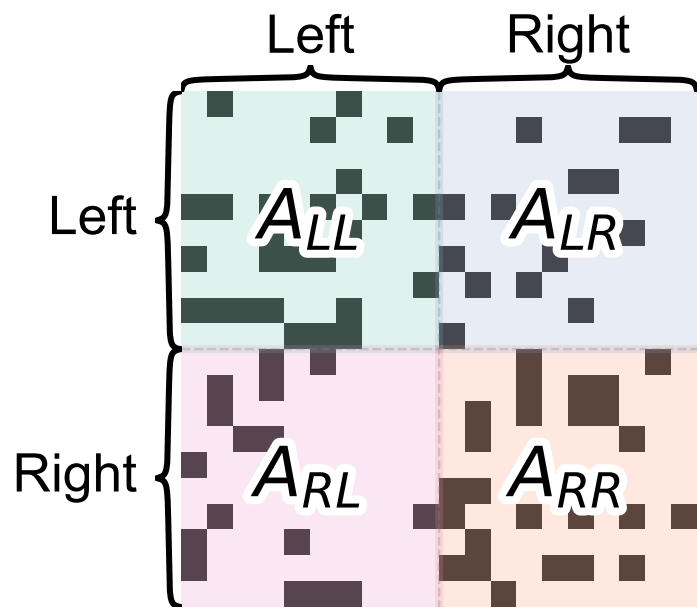
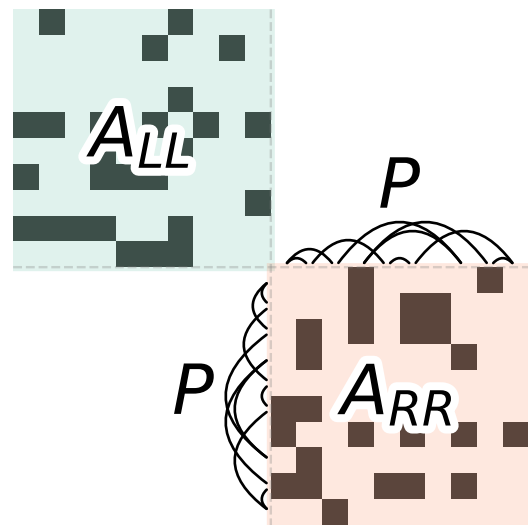


Adjacency matrix



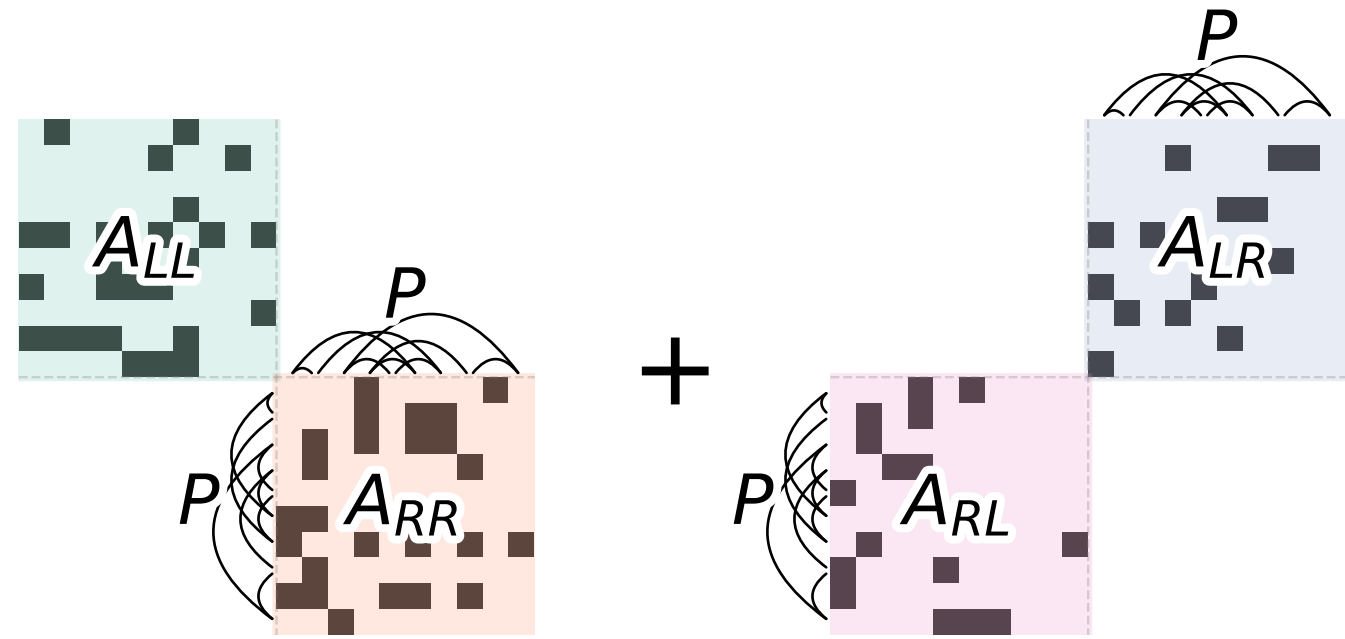
Ipsilateral $\rightarrow A_{LL}, A_{RR}$
 Contralateral $\rightarrow A_{LR}, A_{RL}$

Graph matching (GM)



$$\min_P ||A_{LL} - P A_{RR} P^T||_F^2$$

Bisected graph matching (BGM)



$$\min_P ||A_{LL} - P A_{RR} P^T||_F^2 + ||A_{LR} P^T - P A_{RL}||_F^2$$