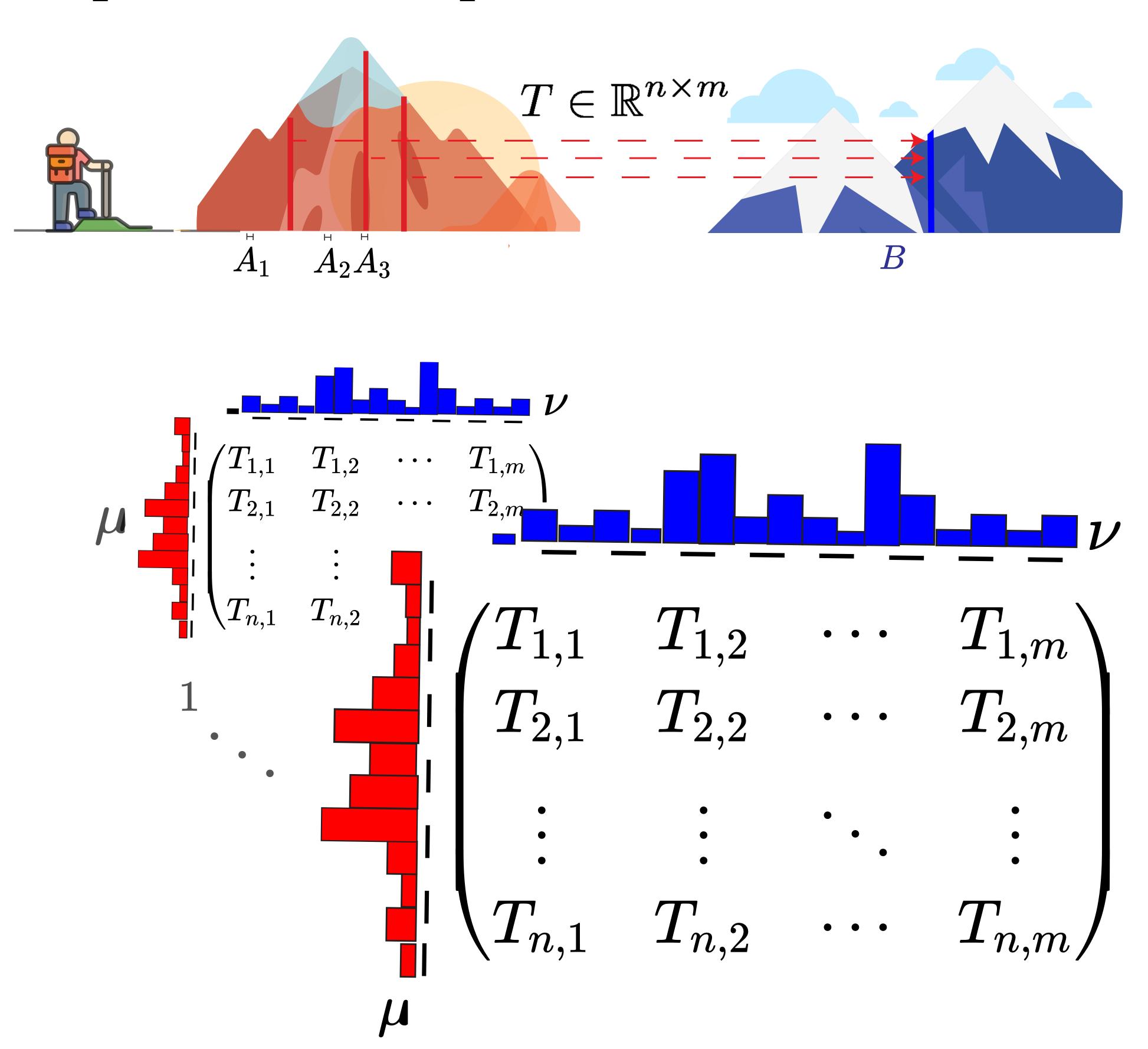


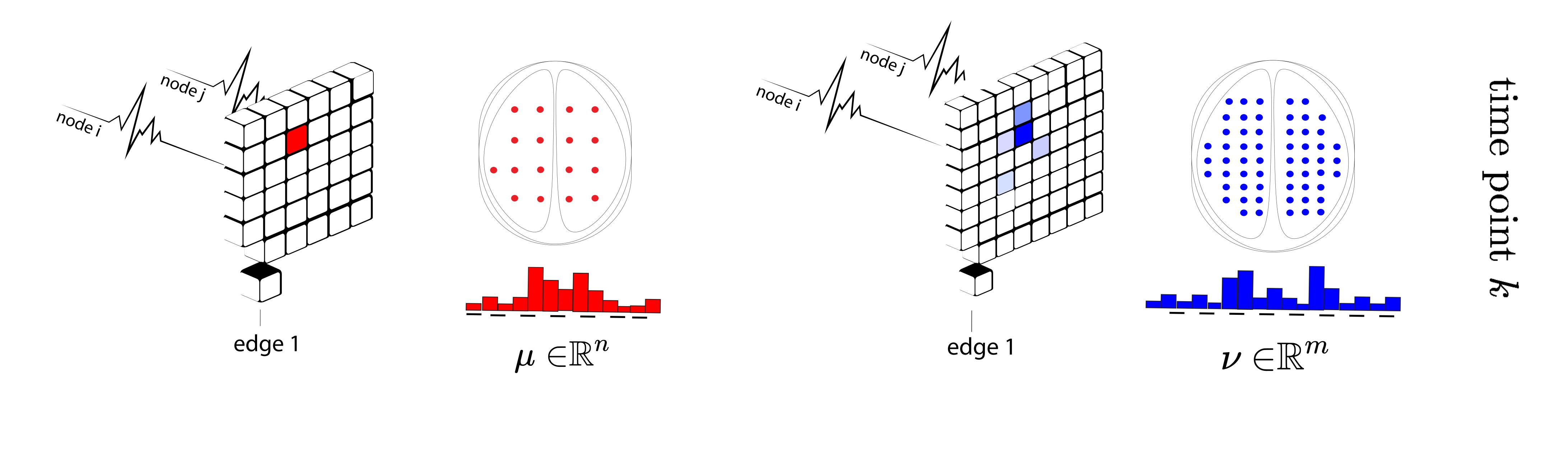
 $\operatorname{Train}$ 

## A. Low/high resolution connectomes

## Optimal Transport



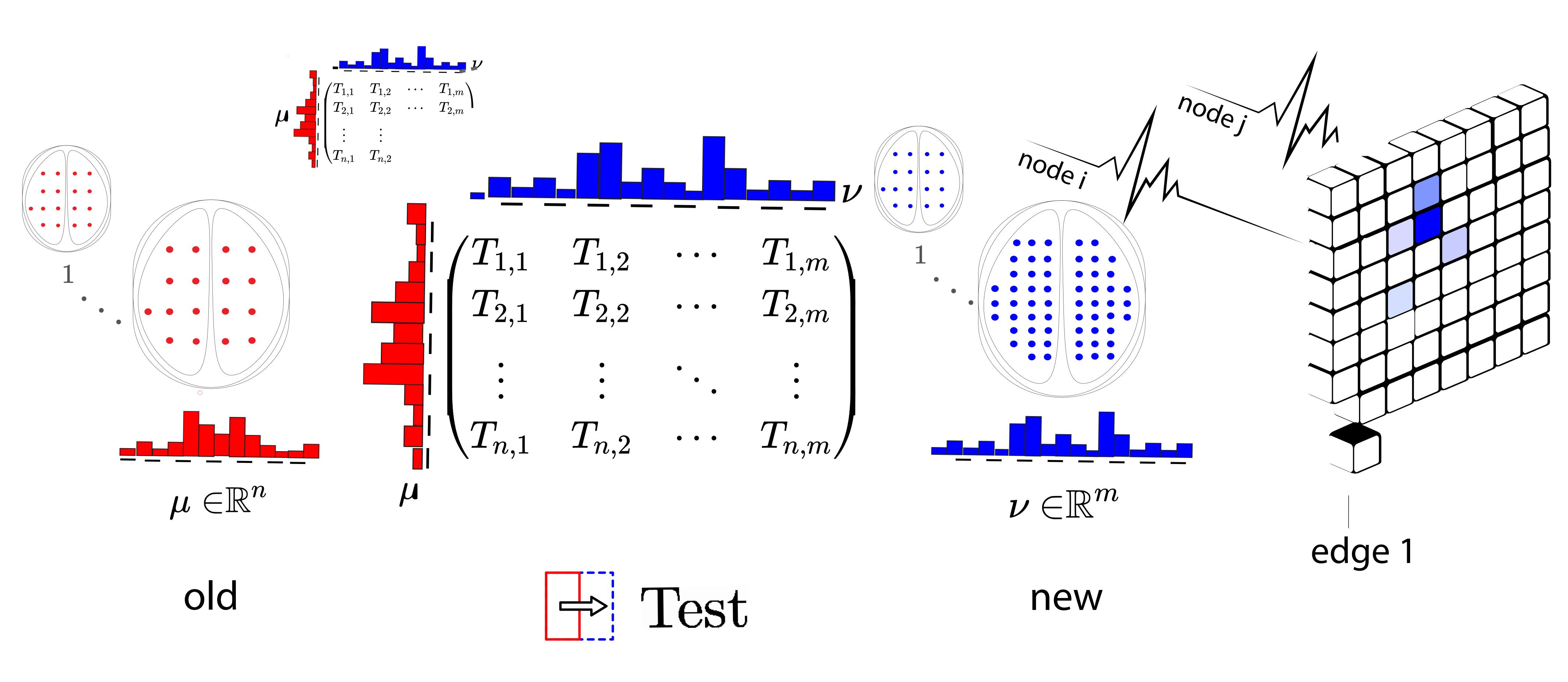
C. Find mappings for all pairs of low/high resolution distributions over time.



low resolution

high resolution

B. Distribution of nodes for a given time point.



D. Apply mappings on test data to reconstruct high resolution connectomes.