

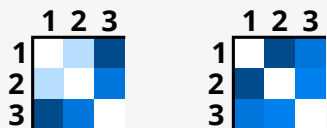
**d** Benchmark metrics, assessing the similarity in:

**Cell ordering: Correlation**

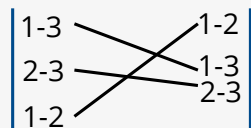
Correlation of shortest path distances between cells



Geodesic distances

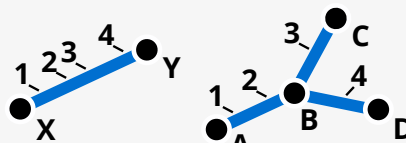


Correlation of distances

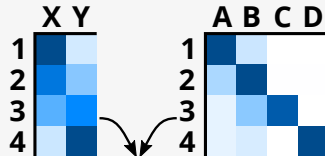


**Cell neighbourhood: RF MSE**

Predict cell positions using a regression model



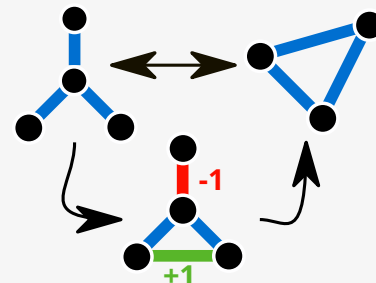
Milestone percentages



Train regression model to predict X and Y from A, B, C, D and calculate out of bag MSE

**Topology: Edge flip**

How many edges need to be added or removed in order to transform one topology into another?



$$\text{Edge flip score} = \frac{1 + 1}{6}$$