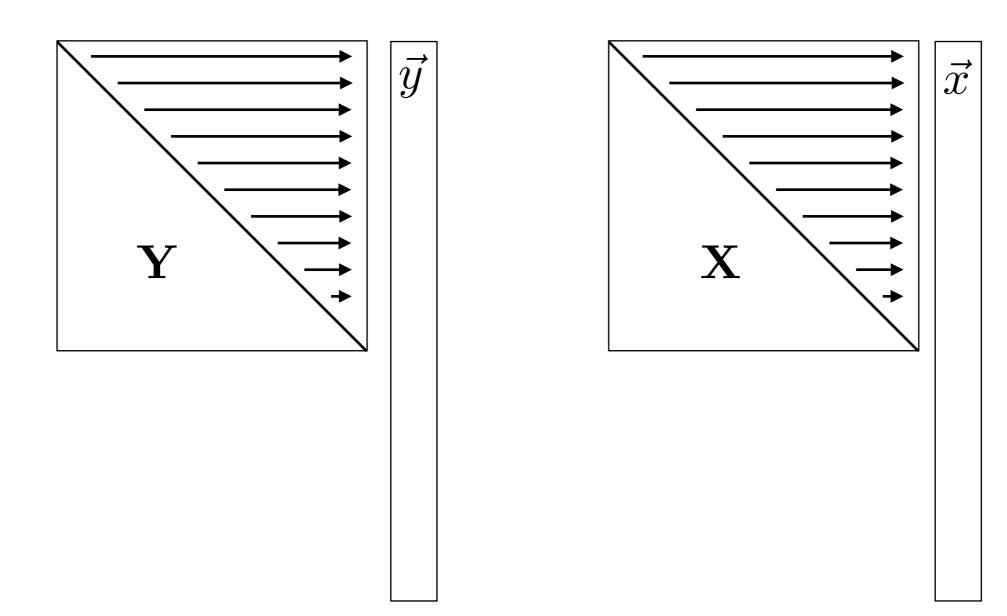
## the Mantel Test

Estimates correspondence between values in two or more distance matrices.



## the Mantel Test

Test statistic, z, denotes magnitude of correspondence.

$$Z = \sum_{i=1}^{N} \sum_{j=i+1}^{N} x_{ij} y_{ij}$$