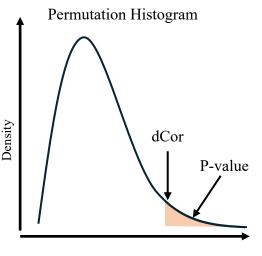


Brownian Distance Correlation (dCor)

$$V_n^2(X,Y) = \frac{1}{n^2} \sum_{k,l=1}^n A_{kl} B_{kl}$$

$$R_n^2(X,Y) = \frac{V_n^2(X,Y)}{\sqrt{V_n^2(X)V_n^2(Y)}}$$



Pathway with low dCor and high p-value

Not associated with spatial variability

