Nei's Distance

$$I = \frac{\sum_{i=1}^{L} \sum_{j=1}^{\ell_i} p_{ij,x} p_{ij,y}}{\sqrt{\sum_{i=1}^{L} \left(\sum_{j=1}^{\ell_i} p_{ij,x}^2 \right) \sum_{i=1}^{L} \left(\sum_{j=1}^{\ell_i} p_{ij,y}^2 \right)}}$$

OMG!!!!
Are you kidding me?

Comparing Matrices