dist.BC(clusterSim)

Bray-Curtis distance measure d_{ik} for ratio data

$$d_{ik} = \frac{\sum_{j=1}^{m}|x_{ij}-x_{kj}|}{\sum_{j=1}^{m}(x_{ij}+x_{kj})},$$

where: $i, k = 1, \dots, n$ – the number of object,

$j = 1, \dots, m$ – the number of variable,

x_{ij} (x_{kj}) – i-th (k-th) observation on j-th variable.

References

Cormack, R.M. (1971), *A review of classification (with discussion)*, "Journal of the Royal Statistical Society", ser. A, part 3, 321-367.