
LIST OF R PACKAGES AND MAIN STATISTICAL ROUTINES FOR CASE STUDIES

Packages	Uses (function)	References
ade4	Principal Coordinate Analysis (<code>dudi.pco</code>)	Thioulouse et al. (2018)
adespatial	Forward Selection (<code>forward.sel</code>), LCBD- <i>p</i> /LCEH measures (<code>LCBD.comp</code>), Moran Eigenvector Maps (<code>scores.listw</code>), and Moran Spectral Randomisation for Variation Partitioning (<code>varipart</code> and <code>msr</code>)	Dray et al. (2012)
BAT	Between-site Phylogenetic (Jaccard-based) and Environmental (Euclidean) Distances (<code>beta</code>)	Cardoso et al. (2015)
bestNormalize	Normalising Transformations (<code>bestNormalize</code> and <code>predict</code>)	Peterson (2021)
MicEco	Parallel Calculation of Standardised Effect Sizes of Abundance-Weighted Mean Pairwise Distances (<code>ses.mpd.par</code>)	Russel (2021)
PCPS	Principal Coordinates of Phylogenetic Structure (<code>pcps</code>)	Debastiani and Duarte (2014)
picante	Community Mean Pairwise Distances (<code>comdist</code>)	
vegan	Procrustes Rotation (<code>procrustes</code>) and PROcrustean Randomisation TEST (<code>protest</code>)	Oksanen et al. (2022)
vegclust	Cumulative Abundance Profiles (CAP), Reshaping Community Data into Stratified Form (<code>stratifyvegdata</code>), and Structural Dissimilarities (<code>vegdiststruct</code>)	De Cáceres et al. (2010)

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