Assessing collinearity among environmental and environmental heterogeneity predictor variables
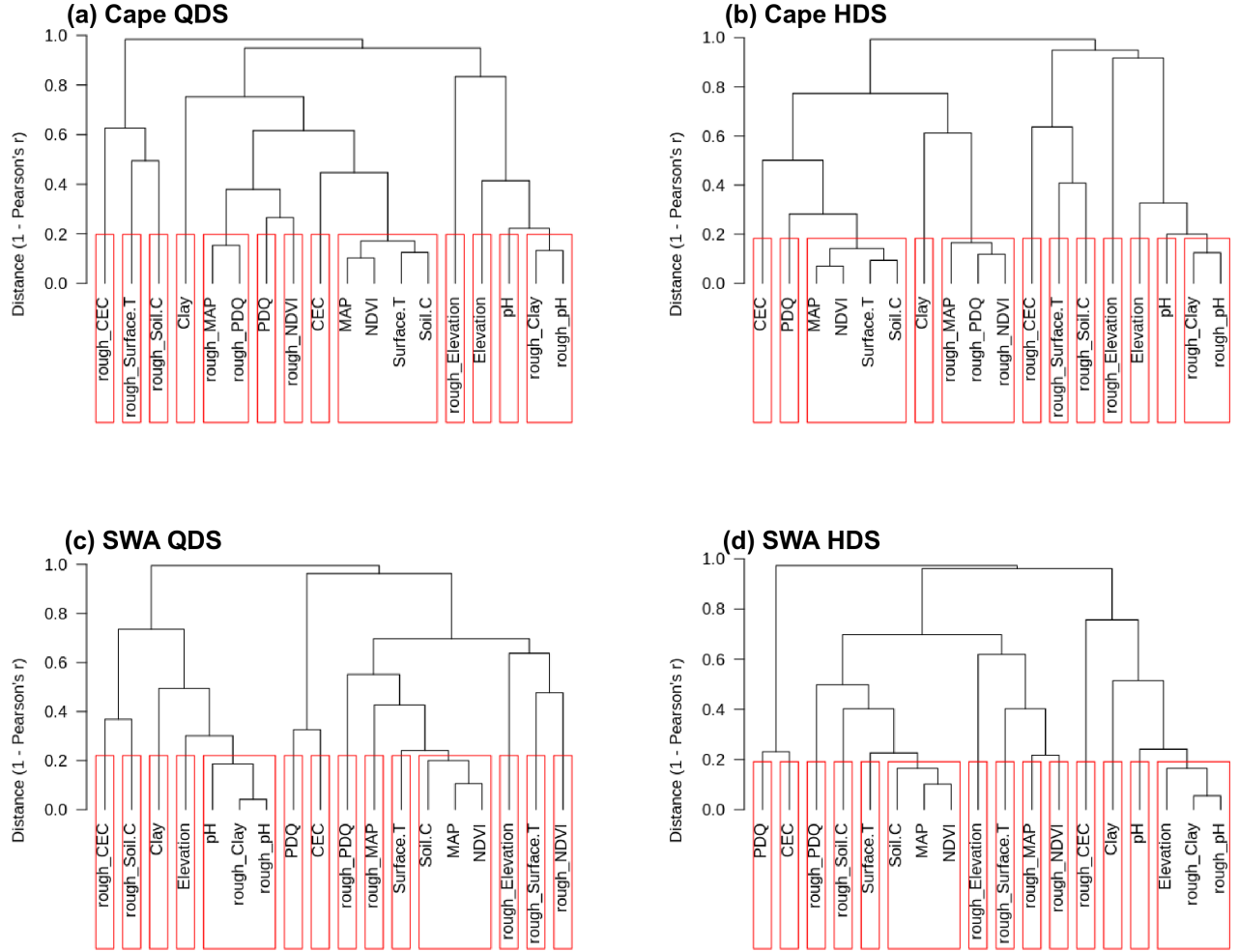
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Figure 1: Dendrograms depicting correlation between environmental variables in the Cape (= Greater Cape Floristic Region; a–c) and SWA (= Southwest Australia Floristic Region; d–f), generated by the "removeCollinearity" function in the R package "virtualspecies". The vertical axis represents $1-$ Pearson's r, such that more correlated variables are clustered together. Clusters of environmental variables that are ≥ 0.8 similar (Pearson's r) are enclosed in red boxes. The first variable in each cluster, when listed alphabetically, was used within our boosted regression tree (BRT) analyses.