

# Assessing collinearity among environmental and environmental heterogeneity predictor variables

Supplementary Information  
Cape vs SWA publication

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*2019-02-04*

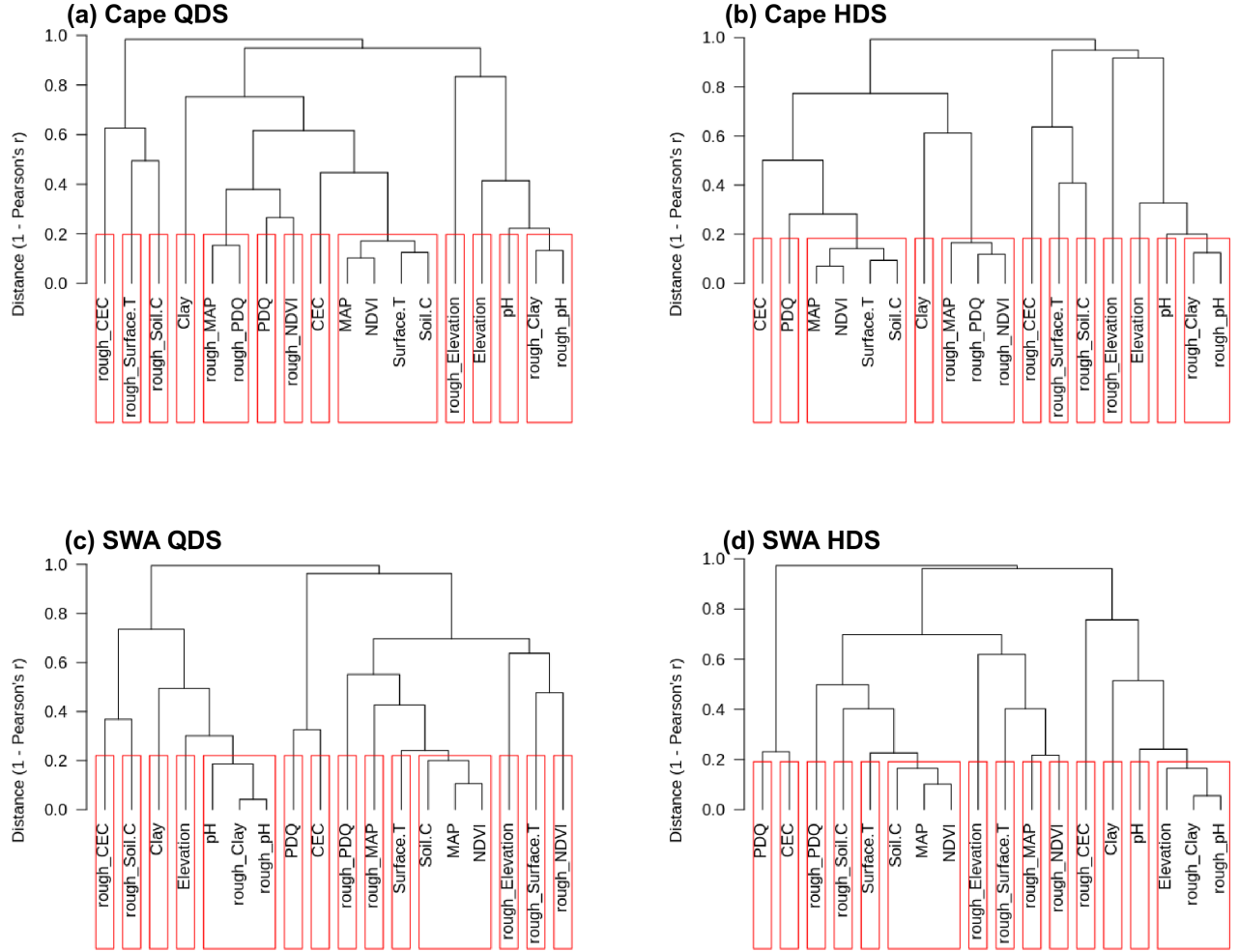


Figure 1: Dendrograms depicting correlation between environmental variables in the Cape (= Greater Cape Floristic Region; a–c) and SWA (= Southwest Australia Floristic Region; d–f), generated by the "removeCollinearity" function in the R package "virtualspecies". The vertical axis represents  $1 - \text{Pearson's } r$ , such that more correlated variables are clustered together. Clusters of environmental variables that are  $\geq 0.8$  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.