

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: List of the 53 tree species included in the analyses. The species were selected because of the available data on wood density (WD), leaf mass per area (LMA) and maximum height (H) in Díaz et al. 2016 & Díaz et al. 2022. Drought characteristics are: the longest SPEI (longest SPEI reattained as a 10% lower percentile); minimum SPEI value (minimum SPEI value and the moment at which it was detected within the 48 months before tree mortality); SPEI minimum scale (the selected scale at which the minimum value was detected); completeness (potential events detected within the longest duration of the drought, up to 48 months) and scales (potential scales detected within the longest scale; up to 48 months). The average location of each species in the ordination space of the drought characteristics (PCA 1 and PCA 2 scores) is also shown. The drought characteristics are averages over the sites in which the species were present.