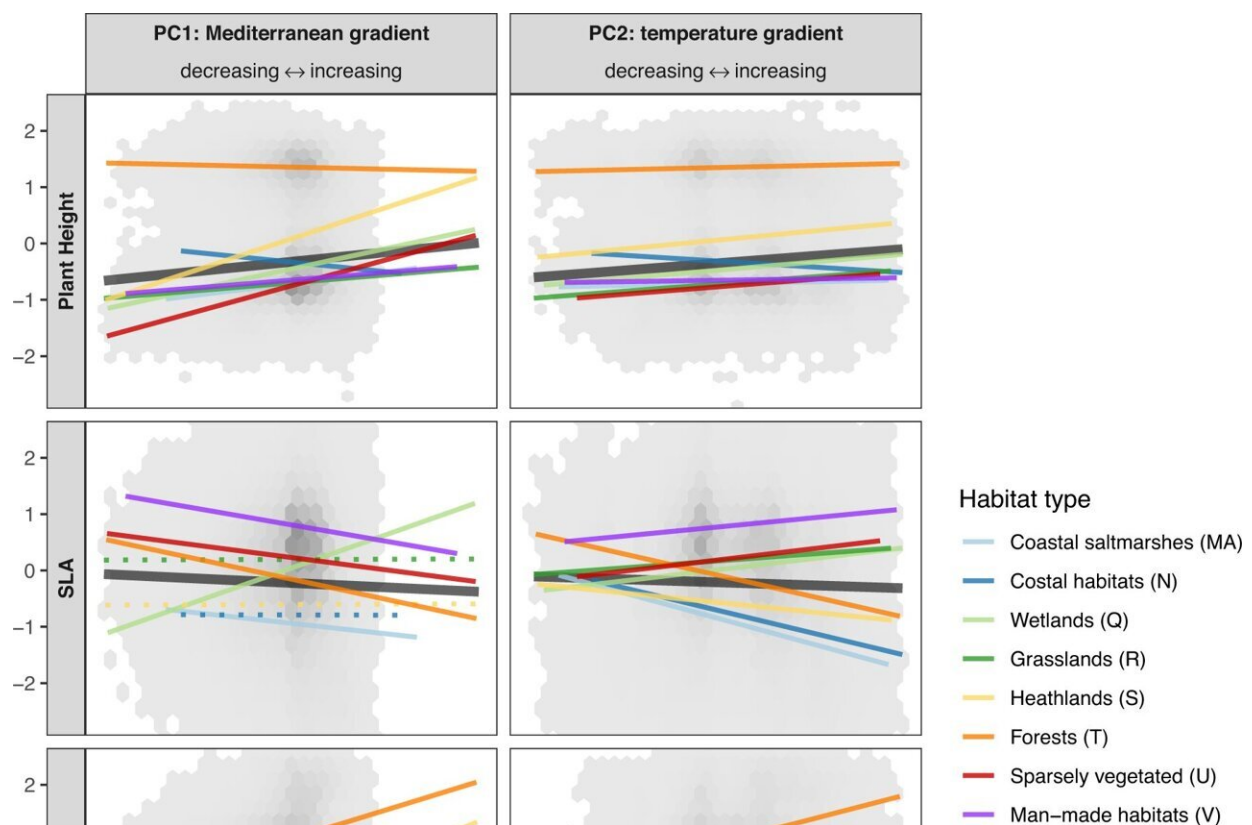


# Global climate data insufficiently explains composition of local plant species, say geobotanists

March 15 2023



Effects of climate on four plant traits in broad habitats. The graphs show the community-weighted means of four plant functional traits as linear functions of the first and second principal components (PCs) of the 19 CHELSA bioclimatic variables, obtained with generalized additive mixed-effects models. Slopes show the relationships across all (black) and within the most broadly defined habitats of the EUNIS classification (colors). Solid lines indicate significant relationships

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