

SANABRIA (Winter)	PC1 _{lim}	PC2 _{lim}
MLRM (Precip+Temp+Wind)	0.78	0.15
MLRM (Precip+Temp)	0.70	0.02
MLRM (Precip+Wind)	0.76	0.12
MLRM (Temp+Wind)	0.71	0.10

SANABRIA (Summer)	PC1 _{Eplimnion}	PC2 _{Eplimnion}	PC1 _{Hypolimnion}	PC2 _{Hypolimnion}
MLRM (Precip+Temp+Wind)	0.68	0.24	0.28	0.47
MLRM (Precip+Temp)	0.68	0.12	0.24	0.40
MLRM (Precip+Wind)	0.61	0.34	0.26	0.47
MLRM (Temp+Wind)	0.42	0.26	0.13	0.18

MADRES (Winter)	PC1 _{lim}	PC2 _{lim}
MLRM (Precip+Temp+Wind)	0.51	0.58
MLRM (Precip+Temp)	0.47	0.32
MLRM (Precip+Wind)	0.40	0.55
MLRM (Temp+Wind)	0.27	0.53

MADRES (Summer)	PC1 _{Eplimnion}	PC2 _{Eplimnion}
MLRM (Precip+Temp+Wind)	0.64	0.36
MLRM (Precip+Temp)	0.36	0.46
MLRM (Precip+Wind)	0.64	0.32
MLRM (Temp+Wind)	0.61	0.58

Table S1: Spearman's rank correlation coefficients associated with the measured (PCs) and modeled (MVs) diagnostic variables analyzed with all of the MVs and with one of the predictors removed to obtain valid contributions of each predictor because they can be partially correlated.

Sensitivity of two Iberian lakes to North Atlantic atmospheric circulation modes

CLIMATE DYNAMICS

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