	Total richness (S_{tot})		n = 120	Insect richness (S_I)		n = 120	Plant richness (S_P)		n = 120
	Σw_i	Average MAMs[a]	Best model	Σw_i	Average MAMs[b]	Best model	Σw_i	Average MAMs[c]	Best model
Anthropogenic pressures									
Human Influence Index	-	-	-	-	-	-	-	-	-
Climatic effects									
Annual total precipitation	-	-	-	-	-	-	0.29	0.036	-
Annual mean temperature	**1.00**	**-0.192***	**-0.209***	**1.00**	**-0.153**	**-0.153***	0.29	-0.025	-
Precipitation seasonality	0.49	-0.037	-	-	-	-	-	-	-
Temperature seasonality	-	-	-	**1.00**	0.036	0.036	-	-	-
Sampling effects									
Sampling time	**1.00**	**0.231***	**0.226***	**1.00**	**0.214***	**0.214***	**1.00**	**0.173**	**0.170**
Annual time span	**1.00**	**0.243***	**0.248***	**1.00**	**0.233***	**0.233***	**1.00**	**0.232***	**0.232***
Sampling method	**1.00**	**-0.185***	**-0.187***	**1.00**	**-0.168**	**-0.168**	**1.00**	**-0.182**	**-0.161**
Taxonomic resolution	**1.00**	**-0.169**	**-0.162**	**1.00**	**-0.195***	**-0.195***	-	-	-
AICc			204.84			225.94			221.47
R² adjusted			0.484			0.448			0.487
Moran's I		≤ 0.066[NS]	0.066[NS]		0.028[NS]	0.028[NS]		0.019[NS]	0.045[NS]