

Supplementary material

Environmental factors related to biogeographical transition zones of areas of endemism of Neotropical mammals

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Table S1. Summary of the principal-component analysis (PCA) on the climatic variables used to build the climatic heterogeneity layer for the transition zones

Bioclimatic variables included in the PCA (bio). Number of principal components (PC), eigenvalue (λ), percentage of eigenvalues ($\% \lambda$) and accumulative of eigenvalues ($A\lambda$)

Transition zone	Variable (bio)	PC	λ	$\% \lambda$	$A\lambda$
Mexican transition zone	1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 17	1	1294044	94.3752	94.3752
		2	74923	5.4642	99.8394
		3	2202	0.1606	100
South American transition zone	1, 2, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 16, 17	1	777336	80.1007	80.1007
		2	184065	18.9671	99.0678
		3	9046	0.9322	100
Atlantic Forest integration zone	1, 4, 5, 6, 7, 9, 10, 11, 13, 14, 15, 16, 17, 19	1	560598	96.4898	96.4898
		2	11974	2.061	98.5509
		3	8419	1.4491	100