

**Table S1.** Correlations Between Beta-Diversity ( $\beta_{\text{sim-d}}$ ) and Two Environmental Variables (Elevation and Number of Biome Edges within Grid Cells)

	Amphibian $\beta_{\text{sim-d}}$			Bird $\beta_{\text{sim-d}}$			Mammal $\beta_{\text{sim-d}}$		
	$\rho$	$n$	$ess$	$\rho$	$n$	$ess$	$\rho$	$n$	$ess$
Mean Elevation (m)	0.219*	3693	94.96	0.316**	3821	118.16	0.427**	3821	68.29
Number of Biome Edges	0.307**	3693	261.16	0.320**	3821	281.65	0.295**	3821	130.18

\*\*  $P < 0.001$ , \*  $P < 0.05$

Spearman rank correlation coefficients ( $\rho$ ), number of grid cells ( $n$ ), and corrected sample size ( $ess$ ) from each comparison are shown.