

Table S3. Correlations in Average Nearest-Neighbor Beta-Diversity (β_{sim}) within the Western Hemisphere, Nearctic Realm, and Neotropical Realm

	Amphibians and birds			Amphibians and mammals			Birds and mammals		
	ρ	n	ess	ρ	n	ess	ρ	n	ess
Western Hemisphere	0.325**	3,693	218.88	0.484**	3,693	99.49	0.512**	3,821	106.71
Nearctic Realm	0.103	1,744	90.33	0.417*	1,744	32.98	0.370*	1,862	59.01
Neotropical Realm	0.645**	1,878	87.28	0.596**	1,878	48.08	0.627**	1,888	46.19

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

Spearman rank correlation coefficients (ρ), number of grid cells (n), and corrected sample size (ess) from each pair-wise comparison are shown.