

Table S2. Results of Spearman correlations between the size of randomly generated paired assemblages under scenarios of varying differences of species richness (1:1, 1:0.5, 1:0.1), considering highly-conservative Holm-Bonferroni sequential adjustments of P-values. Significant results are marked with an asterisk.

	1:1		1:0.5		1:0.1	
Measure	r	P	r	P	r	P
β_j	-0.074	0.465	0.117	0.246	0.273	0.006
β_{sor}	-0.042	0.679	0.132	0.19	0.276	0.005
β_{sim}	0.042	0.679	-0.077	0.446	0.08	0.427
β_{-3}	0.074	0.465	-0.018	0.859	0.106	0.292
β_{-2}	0.042	0.679	-0.034	0.738	0.102	0.314
β_r	0.004	0.967	-0.081	0.421	0.095	0.346
β_{sne}	–	–	-0.034	0.737	-0.154	0.127
β_{itu}	0.074	0.465	-0.048	0.632	0.124	0.218
β_{jne}	–	–	-0.017	0.871	-0.15	0.136
β_{rich}	–	–	-0.227	0.023	-0.374	<0.0001*
$\beta_{\text{rich.s}}$	–	–	-0.439	<0.0001*	-0.489	<0.0001*
$\beta_{-3.s}$	0.042	0.679	-0.048	0.636	0.1	0.323