

## SUPPLEMENTARY MATERIAL S3

**TABLE S3** | Mean values of taxonomic and functional turnover among sampled sites and t-test results comparing observed values from expected value of zero.

	95% confidence interval			<i>t</i>	df	<i>P</i>
	Mean	Lower	Upper			
Taxonomic						
ses.β.RC.all	0.75	0.71	0.79	36.49	74	< 0.001
ses.β.RC.ref	0.71	0.61	0.82	14.66	17	< 0.001
ses.β.RC.new	0.84	0.79	0.90	33.55	30	< 0.001
ses.β.RC.old	0.78	0.72	0.84	27.10	25	< 0.001
Functional						
ses.β.MPD.all	-1.15	-1.25	-1.05	-19.24	74	< 0.001
ses.β.MPD.ref	-0.72	-0.94	-0.49	-5.57	17	< 0.001
ses.β.MPD.new	-1.36	-1.49	-1.23	-18.10	30	< 0.001
ses.β.MPD.old	-1.18	-1.36	-1.01	-11.35	25	< 0.001
ses.β.MNTD.all	-0.74	-0.83	-0.64	-13.07	74	< 0.001
ses.β.MNTD.ref	-0.53	-0.76	-0.30	-4.05	17	< 0.001
ses.β.MNTD.new	-1.01	-1.12	-0.89	-14.50	30	< 0.001
ses.β.MNTD.old	-0.64	-0.81	-0.47	-6.34	25	< 0.001



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