

Table S2 - Results of repeated measures ANOVAs.

Main test

Total vegetation cover

Tests of Within-Subjects Contrasts

Source	SS	df	MS	F	P
Year	37,134	1,000	37,13	15,94	0,0002
Year x Land cover class	82,459	3,000	27,49	11,80	0,0000
Error(Year)	102,53	44,000	2,33		

Tests of Between-Subjects Effects

Source	SS	df	MS	F	P
Intercept	6480,410	1,000	6480,41	1408,98	0,0000
Land use type	485,571	3,000	161,86	35,19	0,0000
Error	202,37	44,00	4,60		

Shannon index

Tests of Within-Subjects Contrasts

Source	SS	df	MS	F	P
Year	0,34	1	0,34	0,86	0,3598
Year x Land cover class	3,03	3	1,01	2,55	0,0678
Error(Year)	17,45	44	0,40		

Tests of Between-Subjects Effects

Source	SS	df	MS	F	P
Intercept	216,45	1	216,45	494,71	0,0000
Land cover	15,43	3	5,14	11,76	0,0000
Error	19,25	44	0,44		

Number of species

Tests of Within-Subjects Contrasts

Source	SS	df	MS	F	P
Year	1,42	1	1,42	6,01	0,0183
Year x Land cover class	4,73	3	1,58	6,65	0,0008
Error(Year)	10,42	44	0,24		

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	SS	df	MS	F	P
Intercept	446,67	1,00	446,67	933,05	0,0000
Land cover class	28,83	3,00	9,61	20,08	0,0000
Error	21,06	44,00	0,48		

Evenness

Tests of Within-Subjects Contrasts

Source	SS	df	MS	F	P
Year	0,12	1,00	0,12	2,40	0,1281
Year x Land cover class	0,00	3,00	0,00	0,02	0,9948
Error(Year)	2,28	44,00	0,05		

Tests of Between-Subjects Effects

Source	SS	df	MS	F	P
Intercept	47,09	1,00	47,09	1007,82	0,0000
Land use type	0,03	3,00	0,01	0,24	0,8661
Error	2,06	44,00	0,05		

Pairwise Comparisons

total vegetation cover

Land cover class	Year 1	Year 2	Mean Difference (I-J)	Std. Error	P
Bare	2006	2022	-4,41	1,21	0,0039
Grassland	2006	2022	-0,02	0,07	0,7646
Scrub	2006	2022	0,14	0,17	0,4098
Sparsely	2006	2022	-0,69	0,23	0,0126

Number of species

Pairwise Comparisons

Measure: MEASURE_1

Land cover class	Year 1	Year 2	Mean Difference (I-J)	Std. Error	P
Bare	2006	2022	-1,00	0,33	0,0116
Grassland	2006	2022	0,06	0,10	0,5439
Scrub	2006	2022	-0,09	0,13	0,4672
Sparsely	2006	2022	0,06	0,15	0,6858