

Ecosystem service	Indicator	r_m	t_m	p_m	r_a	t_a	p_a	χ^2	P_{slopes}
Fodder stability	LDMC _{diversity}	0.59	2.54	0.026	0.79	4.44	0.001	0.57	0.452
Fodder quantity	Graminoids	-0.23	-0.81	0.435	0.48	1.91	0.080	-	-
Fodder quantity/nutrient cycling	SLA	-0.35	-1.29	0.223	-0.37	-1.38	0.193	-	-
Fodder quantity/nutrient cycling	LDMC ²	-0.02	-0.09	0.933	0.22	0.78	0.450	-	-
Fodder quality/nutrient cycling	LNC	0.06	0.22	0.831	-0.39	-1.48	0.165	-	-
Nutrient cycling	Legumes	0.04	0.15	0.885	0.33 ¹	305.60 ¹	0.252 ¹	-	-
Pollination	Butterfly food	0.26	0.93	0.373	0.47	1.83	0.093	-	-
Pollination	Hymenopteran food	0.19	0.67	0.513	0.55	2.30	0.040	0.00	0.962
Climate regulation	Shrubs and trees	0.02	0.07	0.947	0.21	0.73	0.481	-	-
Climate regulation/aesthetics	Canopy ²	0.12	0.40	0.693	-0.58	-2.49	0.029	1.05	0.304
Climate regulation/aesthetics	Shrub layer ²	0.37 ¹	285.87 ¹	0.191 ¹	0.24	0.86	0.405	-	-
Aesthetics	Flower colours	0.83	5.09	< 0.001	0.87	5.99	< 0.001	0.61	0.435
Aesthetics	Herbs	0.28	0.99	0.340	0.58	2.44	0.031	0.02	0.875
Allergy control	Allergy producers ²	-0.19	-0.69	0.506	0.50	1.99	0.070	-	-

SLA is specific leaf area; LDMC is leaf dry matter content; LNC is leaf nitrogen content. See Table 1 for further descriptions of indicator measures. “-” indicates relationships were not compared when no significant correlations were found in the two land use classes. ² The indicator shows negative relationships with ES; hence the relationship between the ES process and species richness is the inverse of the correlation (see Table 1).