

Supplementary Materials

Table S1. ANCOVAS results for each land use classes. Df is degrees of freedom.

		Df	Sum of Squares	Mean of Squares	Fisher's F	p-value
Agriculture	Years	1	0.00	0.00	0.57	0.49
	Region	1	0.00	0.00	0.80	0.42
	Interaction	1	0.01	0.01	1.76	0.26
	Residuals	4	0.02	0.00		
Forest	Years	1	91.53	91.53	76.25	> 0.001
	Region	1	185.62	185.62	154.62	> 0.001
	Interaction	1	91.10	91.10	75.89	> 0.001
	Residuals	4	4.80	1.20		
Grassland	Years	1	0.06	0.06	0.75	0.44
	Region	1	0.04	0.04	0.48	0.53
	Interaction	1	0.00	0.00	0.02	0.88
	Residuals	4	0.33	0.08		
Pasture	Years	1	107.04	107.04	58.96	> 0.01
	Region	1	164.73	164.73	90.74	> 0.001
	Interaction	1	100.89	100.89	55.57	> 0.01
	Residuals	4	7.26	1.82		
Savannah	Years	1	0.03	0.03	0.42	0.55
	Region	1	0.20	0.20	2.93	0.16
	Interaction	1	0.05	0.05	0.69	0.45
	Residuals	4	0.27	0.07		
Urban	Years	1	0.00	0.00	0.66	0.46
	Region	1	0.00	0.00	0.01	0.95
	Interaction	1	0.00	0.00	1.82	0.25
	Residuals	4	0.00	0.00		