

**Table S8: Regression analysis of species characteristic variables vs initial occurrence and frequency of ecological stress**

**Table S8.1 Regression analysis of species characteristic variables and initial occurrence of ecological stress (ES)**

Initial year of ES vs species characteristic		p-value				R sqr				R sq (adj)			
		K1	K2	K3	K4	K1	K2	K3	K4	K1	K2	K3	K4
No	<b>Bm: body mass</b>												
1	Number of species each location	0.068	0.396	0.328	0.321	15.6%	2.8%	23.6%	9.8%	11.4%	-1.0%	4.5%	0.8%
2	Ratio between number of big mammal and total number	0.000	0.754	0.293	0.124	47.1%	0.4%	26.8%	22.0%	44.4%	-3.4%	8.5%	14.1%
3	Ratio between number of small mammal and total number	0.000	0.754	0.293	0.124	47.1%	0.4%	26.8%	22.0%	44.4%	-3.4%	8.5%	14.1%
4	Number of small mammal/big mammal	0.000	0.685	0.303	0.136	46.9%	0.6%	25.8%	20.8%	44.2%	-3.2%	7.3%	12.9%
5	Number of big mammal/small mammal	0.002	0.784	0.121	0.091	38.3%	0.3%	49.0%	25.9%	35.2%	-3.5%	36.3%	18.4%
6	Ratio number of herbivore/total number of mammal	0.989	0.144	0.272	0.681	0.0%	8.0%	28.8%	1.8%	-5.0%	4.5%	11.0%	-8.1%
7	Ratio number of omnivore/total number of mammal	0.867	0.299	0.323	0.761	0.1%	4.1%	24.1%	1.0%	-4.8%	0.4%	5.1%	-8.9%
8	Ratio number of carnivore/ total number of mammal	0.050	0.023	0.613	0.512	17.9%	18.4%	7.0%	4.4%	13.8%	15.3%	-16.3%	-5.1%
9	Number of herbivore/(omnivore+carnivore)	0.980	0.110	0.192	0.757	0.0%	9.5%	38.1%	1.0%	-5.0%	6.0%	22.6%	-8.9%
10	Number of omnivora/(herbivore+carnivore)	0.462	0.269	0.407	0.676	2.7%	4.7%	17.6%	1.8%	-2.1%	1.0%	-3.0%	-8.0%
11	Number of carnivora/(herbivore+omnivore)	0.052	0.024	0.634	0.510	17.5%	18.2%	6.2%	4.5%	13.4%	15.0%	-17.2%	-5.1%
No	<b>Hr: Home range</b>												
1	Number of species each location	0.479	0.828	0.407	0.953	2.3%	0.2%	17.6%	0.0%	-2.1%	-3.3%	-3.0%	-10.0%
2	Ratio between number of big mammal and total number	0.057	0.003	0.407	0.495	15.5%	26.4%	17.6%	4.8%	11.6%	23.8%	-3.0%	-4.7%
3	Ratio between number of small mammal and total number	0.057	0.014	0.407	0.495	15.5%	19.0%	17.6%	4.8%	11.6%	16.2%	-3.0%	-4.7%
4	Number of small mammal/big mammal	0.006	0.861	0.407	0.497	30.1%	0.1%	17.6%	4.7%	26.9%	-3.3%	-3.0%	-4.8%
5	Number of big mammal/small mammal	0.177	0.730	0.108	0.400	8.1%	0.4%	51.6%	7.2%	4.0%	-3.0%	39.5%	-2.1%
6	Ratio number of herbivore/total number of mammal	0.996	0.019	0.075	0.440	0.0%	17.6%	58.8%	6.1%	-4.5%	14.8%	48.5%	-3.3%
7	Ratio number of omnivore/total number of mammal	0.064	0.032	0.036	0.947	14.8%	14.9%	70.7%	0.0%	10.9%	12.0%	63.4%	-9.9%
8	Ratio number of carnivore/ total number of mammal	0.079	0.653	0.155	0.696	13.3%	0.7%	43.3%	1.6%	9.4%	-2.7%	29.2%	-8.2%
9	Number of herbivore/(omnivore+carnivore)	0.925	0.194	0.095	0.443	0.0%	5.7%	54.2%	6.0%	-4.5%	2.5%	42.8%	-3.4%
10	Number of omnivora/(herbivore+carnivore)	0.190	0.869	0.032	0.908	7.7%	0.1%	72.2%	0.1%	3.5%	-3.3%	65.3%	-9.8%
11	Number of carnivora/(herbivore+omnivore)	0.040	0.354	0.203	0.613	17.8%	3.0%	36.7%	2.7%	14.0%	-0.4%	20.8%	-7.1%
No	<b>Bmr: Bassal metabolism rate</b>												
1	Number of species each location	0.213	0.333	0.222	0.616	6.9%	3.0%	34.3%	2.6%	2.7%	-0.1%	17.9%	-7.1%
2	Ratio between number of big mammal and total number	0.000	0.045	0.304	0.064	51.2%	12.4%	25.8%	30.2%	49.0%	9.5%	7.2%	23.3%
3	Ratio between number of small mammal and total number	0.000	0.045	0.304	0.064	51.2%	12.4%	25.8%	30.2%	49.0%	9.5%	7.2%	23.3%
4	Number of small mammal/big mammal	0.000	0.012	0.304	0.065	55.5%	18.8%	25.8%	30.1%	53.5%	16.2%	7.2%	23.1%
5	Number of big mammal/small mammal	0.000	0.166	0.135	0.077	51.2%	6.1%	46.6%	28.0%	49.0%	3.1%	33.2%	20.8%
6	Ratio number of herbivore/total number of mammal	0.638	0.729	0.206	0.746	1.0%	0.4%	36.2%	1.1%	-3.5%	-2.8%	20.3%	-8.8%
7	Ratio number of omnivore/total number of mammal	0.766	0.939	0.265	0.931	0.4%	0.0%	29.5%	0.1%	-4.1%	-3.2%	11.9%	-9.9%

Initial year of ES vs species characteristic		p-value				R sqr				R sq (adj)			
		K1	K2	K3	K4	K1	K2	K3	K4	K1	K2	K3	K4
8	Ratio number of carnivore/ total number of mammal	0.247	0.447	0.440	0.585	6.0%	1.9%	15.5%	3.1%	1.8%	-1.3%	-5.6%	-6.6%
9	Number of herbivore/(omnivore+carnivore)	0.650	0.799	0.146	0.789	1.0%	0.2%	44.8%	0.7%	-3.5%	-3.0%	31.0%	-9.2%
10	Number of omnivora/(herbivore+carnivore)	0.787	0.057	0.358	0.914	0.3%	11.2%	21.2%	0.1%	-4.2%	8.3%	1.5%	-9.9%
11	Number of carnivora/(herbivore+omnivore)	0.269	0.407	0.472	0.576	5.5%	2.2%	13.6%	3.2%	1.2%	14.9%	-8.0%	-6.5%
No	<b>Dt: Diet</b>												
1	Number of species each location	0.036	0.192	0.425	0.269	18.5%	5.6%	16.4%	12.1%	14.8%	2.5%	-4.5%	3.3%
2	Ratio between number of big mammal and total number	0.005	0.034	0.764	0.889	30.2%	14.2%	2.5%	0.2%	27.1%	11.3%	-21.8%	-9.8%
3	Ratio between number of small mammal and total number	0.005	0.021	0.191	0.331	30.2%	16.6%	38.2%	9.5%	27.1%	13.8%	22.8%	0.4%
4	Number of small mammal/big mammal	0.000	0.030	0.263	0.524	45.8%	14.7%	29.7%	4.2%	43.4%	11.9%	12.1%	-5.4%
5	Number of big mammal/small mammal	0.000	0.021	0.100	0.893	45.1%	16.6%	53.2%	0.2%	42.7%	13.8%	41.4%	-9.8%
6	Ratio number of herbivore/total number of mammal	0.020	0.163	0.257	0.518	22.1%	6.4%	30.4%	4.3%	18.6%	3.3%	13.0%	-5.3%
7	Ratio number of omnivore/total number of mammal	0.061	0.420	0.692	0.480	15.1%	2.2%	4.3%	5.1%	11.2%	-1.1%	-19.6%	-4.4%
8	Ratio number of carnivore/ total number of mammal	0.694	0.066	0.496	0.963	0.7%	10.8%	12.3%	0.0%	-3.8%	7.8%	-9.6%	-10.0%
9	Number of herbivore/(omnivore+carnivore)	0.031	0.225	0.183	0.499	19.4%	4.9%	39.3%	4.7%	15.8%	1.7%	24.1%	-4.8%
10	Number of omnivora/(herbivore+carnivore)	0.006	0.053	0.889	0.751	30.1%	11.9%	0.5%	1.1%	26.9%	8.9%	-24.3%	-8.8%
11	Number of carnivora/(herbivore+omnivore)	0.707	0.053	0.497	0.899	0.7%	11.9%	12.2%	0.2%	-3.9%	9.0%	-9.7%	-9.8%
No	<b>Ls: offspring</b>												
1	Number of species each location	0.033	0.015	0.487	0.123	19.0%	21.3%	17.2%	24.4%	15.3%	18.1%	-10.4%	16.0%
2	Ratio between number of big mammal and total number	0.087	0.087	0.884	0.139	12.8%	11.3%	0.6%	22.6%	8.8%	7.7%	-24.3%	14.0%
3	Ratio between number of small mammal and total number	0.087	0.087	0.884	0.139	12.8%	11.3%	0.6%	22.6%	8.8%	7.7%	-24.3%	14.0%
4	Number of small mammal/big mammal	0.001	0.220	0.970	0.165	37.6%	6.0%	0.1%	20.3%	34.8%	2.2%	-33.3%	11.4%
5	Number of big mammal/small mammal	0.054	0.096	0.905	0.136	15.9%	10.7%	0.6%	23.0%	12.0%	7.1%	-32.6%	14.4%
6	Ratio number of herbivore/total number of mammal	0.586	0.162	0.151	0.205	1.4%	7.7%	55.1%	17.2%	-3.1%	4.0%	40.1%	8.0%
7	Ratio number of omnivore/total number of mammal	0.564	0.019	0.534	0.309	1.5%	20.0%	14.0%	11.4%	-2.9%	16.8%	-14.6%	1.6%
8	Ratio number of carnivore/ total number of mammal	0.616	0.108	0.280	0.571	1.2%	10.0%	36.5%	3.7%	-3.3%	6.4%	15.3%	-7.0%
9	Number of herbivore/(omnivore+carnivore)	0.550	0.162	0.179	0.248	1.6%	7.7%	50.4%	14.5%	-2.8%	4.0%	33.8%	5.0%
10	Number of omnivora/(herbivore+carnivore)	0.083	0.049	0.363	0.180	13.1%	14.7%	27.6%	19.0%	9.1%	11.2%	3.5%	10.0%
11	Number of carnivora/(herbivore+omnivore)	0.671	0.116	0.392	0.760	0.8%	9.6%	24.9%	1.1%	-3.7%	6.0%	-0.1%	-9.9%
No	<b>Ams: Age of sex maturity</b>												
1	Number of species each location	0.556	0.440	0.242	0.952	1.6%	2.1%	32.0%	0.0%	-2.9%	-1.3%	15.0%	-10.0%
2	Ratio between number of big mammal and total number	0.000	0.045	0.107	0.375	46.3%	13.2%	51.8%	7.9%	43.9%	10.2%	39.8%	-1.3%
3	Ratio between number of small mammal and total number	0.033	0.002	0.245	0.168	19.0%	29.7%	31.7%	18.1%	15.3%	27.3%	14.6%	9.9%
4	Number of small mammal/big mammal	0.000	0.003	0.218	0.123	57.6%	26.4%	34.8%	22.1%	55.6%	23.9%	18.5%	14.3%
5	Number of big mammal/small mammal	0.001	0.005	0.102	0.379	38.1%	23.8%	52.8%	7.8%	35.3%	21.1%	41.0%	-1.4%
6	Ratio number of herbivore/total number of mammal	0.000	0.712	0.339	0.126	55.3%	0.5%	22.8%	21.8%	53.3%	-3.0%	3.5%	14.0%
7	Ratio number of omnivore/total number of mammal	0.858	0.013	0.980	0.266	0.1%	19.5%	0.0%	12.2%	-4.4%	16.8%	-25.0%	3.4%
8	Ratio number of carnivore/ total number of mammal	0.501	0.001	0.474	0.690	2.1%	31.5%	13.5%	1.7%	-2.4%	29.1%	-8.2%	-8.2%

Initial year of ES vs species characteristic		p-value				R sqr				R sq (adj)			
		K1	K2	K3	K4	K1	K2	K3	K4	K1	K2	K3	K4
9	Number of herbivore/(omnivore+carnivore)	<b>0.000</b>	0.317	0.210	<b>0.075</b>	49.6%	3.5%	35.8%	28.3%	47.3%	0.1%	19.7%	21.2%
10	Number of omnivora/(herbivore+carnivore)	<b>0.001</b>	<b>0.001</b>	0.886	0.230	39.1%	30.4%	0.6%	14.1%	36.3%	28.0%	-24.3%	5.5%
11	Number of carnivora/(herbivore+omnivore)	<b>0.029</b>	<b>0.007</b>	0.497	0.743	19.8%	22.4%	12.2%	1.1%	16.1%	19.7%	-9.7%	-8.8%
No	<b>Pha: Arboreal habitat</b>												
1	Number of species each location	0.125	<b>0.001</b>	0.505	<b>0.091</b>	10.4%	31.2%	11.8%	31.6%	6.3%	28.7%	-10.2%	23.1%
2	Ratio between number of big mammal and total number	0.166	<b>0.071</b>	0.444	0.433	8.5%	11.2%	15.3%	7.8%	4.4%	8.0%	-5.9%	-3.7%
3	Ratio between number of small mammal and total number	0.166	<b>0.071</b>	0.444	0.433	8.5%	11.2%	15.3%	7.8%	4.4%	8.0%	-5.9%	-3.7%
4	Number of small mammal/big mammal	0.340	0.109	0.484	0.374	4.1%	8.9%	12.9%	10.0%	-0.2%	5.7%	-8.8%	-1.3%
5	Number of big mammal/small mammal	0.875	<b>0.064</b>	0.387	0.492	0.1%	11.7%	19.0%	6.1%	-4.4%	8.5%	-1.2%	-5.6%
6	Ratio number of herbivore/total number of mammal	0.714	<b>0.000</b>	0.116	<b>0.065</b>	0.6%	37.0%	50.1%	36.4%	-3.9%	34.8%	37.6%	28.5%
7	Ratio number of omnivore/total number of mammal	0.840	<b>0.000</b>	<b>0.925</b>	<b>0.066</b>	0.2%	36.9%	0.3%	36.1%	-4.3%	34.6%	-24.7%	28.1%
8	Ratio number of carnivore/ total number of mammal	<b>0.091</b>	0.414	0.455	0.699	12.5%	2.4%	14.6%	2.0%	8.5%	-1.1%	-6.7%	-10.3%
9	Number of herbivore/(omnivore+carnivore)	0.643	<b>0.001</b>	0.090	<b>0.066</b>	1.0%	35.5%	55.3%	36.2%	-3.5%	33.2%	44.1%	28.2%
10	Number of omnivora/(herbivore+carnivore)	0.398	<b>0.002</b>	0.722	0.557	3.3%	30.5%	3.5%	4.5%	-1.1%	28.1%	-20.6%	-7.5%
11	Number of carnivora/(herbivore+omnivore)	<b>0.090</b>	0.390	0.516	0.712	12.5%	2.7%	11.3%	1.8%	8.5%	-0.8%	-10.9%	-10.5%
No	<b>Phg: Ground habitat</b>												
1	Number of species each location	0.980	0.995	0.324	<b>0.090</b>	0.0%	0.0%	24.0%	26.0%	-6.2%	-3.6%	5.0%	18.6%
2	Ratio between number of big mammal and total number	0.344	0.963	0.420	<b>0.066</b>	5.6%	0.0%	16.8%	29.8%	-0.3%	-3.6%	-4.0%	22.8%
3	Ratio between number of small mammal and total number	0.344	0.963	0.420	0.111	5.6%	0.0%	16.8%	23.4%	-0.3%	-3.6%	-4.0%	15.7%
4	Number of small mammal/big mammal	0.816	0.624	0.520	<b>0.013</b>	0.3%	0.9%	11.0%	47.4%	-5.9%	-2.7%	-11.2%	42.1%
5	Number of big mammal/small mammal	0.166	0.879	0.359	<b>0.079</b>	11.7%	0.1%	21.2%	27.7%	6.1%	-3.5%	1.5%	20.4%
6	Ratio number of herbivore/total number of mammal	<b>0.033</b>	<b>0.018</b>	0.223	0.962	25.4%	18.5%	34.1%	0.0%	20.7%	15.6%	17.7%	-10.0%
7	Ratio number of omnivore/total number of mammal	<b>0.069</b>	0.110	0.704	0.246	19.2%	8.9%	4.0%	13.2%	14.1%	5.6%	-20.0%	4.5%
8	Ratio number of carnivore/ total number of mammal	0.933	0.587	<b>0.087</b>	0.849	0.0%	1.1%	56.0%	0.4%	-6.2%	-2.5%	45.0%	-9.6%
9	Number of herbivore/(omnivore+carnivore)	<b>0.026</b>	<b>0.027</b>	0.157	0.827	27.4%	16.3%	43.1%	0.5%	22.8%	13.3%	28.9%	-9.4%
10	Number of omnivora/(herbivore+carnivore)	0.544	<b>0.029</b>	0.641	0.727	2.4%	15.8%	6.0%	1.3%	-3.8%	12.8%	-17.5%	-8.6%
11	Number of carnivora/(herbivore+omnivore)	0.980	0.483	<b>0.084</b>	0.698	0.0%	1.8%	56.6%	1.6%	-6.2%	-1.7%	45.8%	-8.3%

**Table S8.2 Regression analysis of species characteristic variables and frequency of ecological stress (ES) events**

Frequency of ES vs species characteristic		p-value				R sq <sup>r</sup>				R sq (adj)			
		K1	K2	K3	K4	K1	K2	K3	K4	K1	K2	K3	K4
No	<b>Bm: body mass</b>												
1	Number of species each location	0.302	0.462	0.280	0.435	5.3%	2.1%	28.0%	6.2%	0.6%	-1.7%	10.0%	-3.2%
2	Ratio between number of big mammal and total number	0.191	0.695	0.084	0.769	8.4%	0.6%	56.6%	0.9%	3.8%	-3.2%	45.8%	-9.0%
3	Ratio between number of small mammal and total number	0.191	0.695	0.084	0.769	8.4%	0.6%	56.6%	0.9%	3.8%	-3.2%	45.8%	-9.0%
4	Number of small mammal/big mammal	0.172	0.796	0.093	0.707	9.1%	0.3%	54.6%	1.5%	4.6%	-3.6%	43.2%	-8.4%
5	Number of big mammal/small mammal	0.551	0.108	0.002	0.704	1.8%	9.6%	92.5%	1.5%	3.1%	6.1%	90.7%	-8.3%
6	Ratio number of herbivore/total number of mammal	0.347	0.090	0.183	0.256	4.4%	10.7%	39.2%	12.7%	-0.3%	7.2%	24.0%	4.0%
7	Ratio number of omnivore/total number of mammal	0.485	0.071	0.314	0.377	2.5%	12.0%	24.9%	7.9%	-2.4%	8.6%	6.1%	-1.3%
8	Ratio number of carnivore/ total number of mammal	0.008	0.789	0.125	0.114	30.6%	0.3%	48.3%	23.1%	27.1%	-3.6%	35.4%	15.4%
9	Number of herbivore/(omnivore+carnivore)	0.393	0.105	0.079	0.272	3.7%	9.8%	57.9%	11.9%	-1.2%	6.3%	47.4%	3.1%
10	Number of omnivora/(herbivore+carnivore)	0.743	0.780	0.424	0.364	0.6%	0.3%	16.5%	8.3%	-4.4%	-3.5%	-4.4%	-0.9%
11	Number of carnivora/(herbivore+omnivore)	0.005	0.780	0.135	0.126	32.7%	0.3%	46.7%	21.8%	29.4%	-3.5%	33.4%	14.0%
No	<b>Hr: Home range</b>												
1	Number of species each location	0.779	0.801	0.013	0.486	0.4%	0.2%	81.8%	5.0%	-4.2%	-3.2%	77.3%	-4.5%
2	Ratio between number of big mammal and total number	0.047	0.004	0.027	0.311	16.7%	24.9%	74.6%	10.2%	12.9%	22.3%	68.3%	1.3%
3	Ratio between number of small mammal and total number	0.047	0.048	0.027	0.311	16.7%	12.8%	74.6%	10.2%	12.9%	9.8%	68.3%	1.3%
4	Number of small mammal/big mammal	0.087	0.879	0.077	0.303	12.7%	0.1%	58.3%	10.5%	8.8%	-3.4%	47.9%	1.6%
5	Number of big mammal/small mammal	0.026	0.665	0.001	0.485	20.6%	0.7%	94.4%	5.0%	17.0%	-2.8%	93.0%	-4.5%
6	Ratio number of herbivore/total number of mammal	0.087	0.521	0.001	0.185	12.7%	1.4%	95.4%	16.9%	8.8%	-2.0%	94.2%	8.5%
7	Ratio number of omnivore/total number of mammal	0.211	0.032	0.002	0.140	7.0%	14.9%	92.3%	20.4%	2.8%	11.9%	90.4%	12.5%
8	Ratio number of carnivore/ total number of mammal	0.016	0.021	0.015	0.086	23.8%	17.1%	80.9%	26.6%	20.3%	14.2%	76.2%	19.3%
9	Number of herbivore/(omnivore+carnivore)	0.079	0.122	0.001	0.182	13.4%	8.0%	95.7%	17.1%	9.4%	4.9%	94.6%	8.8%
10	Number of omnivora/(herbivore+carnivore)	0.252	0.756	0.010	0.080	5.9%	0.3%	84.3%	27.5%	1.7%	-3.1%	80.4%	20.3%
11	Number of carnivora/(herbivore+omnivore)	0.026	0.333	0.044	0.119	20.7%	3.2%	67.8%	22.5%	17.0%	-0.1%	59.7%	14.8%
No	<b>Bmr: Bassal metabolism rate</b>												
1	Number of species each location	0.260	0.623	0.129	0.363	5.7%	0.8%	47.7%	8.3%	1.4%	-2.4%	34.6%	-0.9%
2	Ratio between number of big mammal and total number	0.364	0.061	0.100	0.562	3.8%	10.8%	53.2%	3.5%	-0.6%	8.0%	41.5%	-6.2%
3	Ratio between number of small mammal and total number	0.364	0.061	0.100	0.562	3.8%	10.8%	53.2%	3.5%	-0.6%	8.0%	41.5%	-6.2%
4	Number of small mammal/big mammal	0.293	0.011	0.122	0.605	5.0%	19.1%	49.0%	2.8%	0.7%	16.5%	36.2%	-6.9%
5	Number of big mammal/small mammal	0.710	0.850	0.004	0.496	0.6%	0.1%	89.6%	4.8%	-3.9%	-3.1%	87.0%	-4.8%
6	Ratio number of herbivore/total number of mammal	0.325	0.096	0.080	0.370	4.4%	8.7%	57.6%	8.1%	0.1%	5.7%	47.0%	-1.1%
7	Ratio number of omnivore/total number of mammal	0.583	0.118	0.224	0.772	1.4%	7.7%	34.0%	0.9%	-3.1%	4.7%	17.6%	-9.0%
8	Ratio number of carnivore/ total number of mammal	0.002	0.924	0.061	0.153	36.4%	0.0%	62.5%	19.3%	33.5%	-3.2%	53.1%	11.3%
9	Number of herbivore/(omnivore+carnivore)	0.363	0.067	0.022	0.429	3.8%	10.4%	76.7%	6.4%	-0.6%	7.5%	70.8%	-3.0%
10	Number of omnivora/(herbivore+carnivore)	0.736	0.003	0.348	0.628	0.5%	25.1%	22.0%	2.4%	-4.0%	22.6%	2.5%	-7.3%

Frequency of ES vs species characteristic		p-value				R sqr				R sq (adj)			
		K1	K2	K3	K4	K1	K2	K3	K4	K1	K2	K3	K4
11	Number of carnivora/(herbivore+omnivore)	<b>0.002</b>	0.864	<b>0.073</b>	0.174	35.7%	0.1%	59.3%	17.6%	32.8%	-3.1%	49.2%	9.4%
No	<b>Dt: Diet</b>												
1	Number of species each location	0.826	<b>0.009</b>	0.362	<b>0.003</b>	0.2%	20.6%	20.9%	61.4%	-4.3%	18.0%	1.1%	57.5%
2	Ratio between number of big mammal and total number	0.790	0.106	0.903	<b>0.052</b>	0.3%	8.5%	0.4%	32.7%	-4.2%	5.4%	-24.5%	25.9%
3	Ratio between number of small mammal and total number	0.790	0.764	<b>0.067</b>	0.282	0.3%	0.3%	60.8%	11.5%	-4.2%	-3.0%	51.0%	2.6%
4	Number of small mammal/big mammal	0.860	<b>0.005</b>	0.193	<b>0.001</b>	0.1%	23.1%	37.9%	70.6%	-4.4%	20.5%	22.4%	67.7%
5	Number of big mammal/small mammal	0.870	0.218	<b>0.017</b>	<b>0.019</b>	0.1%	5.0%	79.4%	44.0%	-4.4%	1.8%	74.3%	38.4%
6	Ratio number of herbivore/total number of mammal	0.735	<b>0.030</b>	<b>0.082</b>	0.037	0.5%	14.8%	57.1%	36.6%	-4.0%	12.0%	46.4%	30.3%
7	Ratio number of omnivore/total number of mammal	0.936	0.351	0.339	0.966	0.0%	2.9%	22.7%	0.0%	-4.5%	-0.3%	3.4%	-10.0%
8	Ratio number of carnivore/ total number of mammal	0.320	<b>0.049</b>	0.391	0.353	4.5%	12.3%	18.8%	8.7%	0.1%	9.4%	-1.5%	-0.5%
9	Number of herbivore/(omnivore+carnivore)	0.655	<b>0.056</b>	<b>0.015</b>	<b>0.049</b>	0.9%	11.7%	80.9%	33.4%	-3.6%	8.7%	76.1%	26.7%
10	Number of omnivora/(herbivore+carnivore)	0.947	<b>0.001</b>	0.799	<b>0.025</b>	0.0%	31.4%	1.8%	41.1%	-4.5%	29.1%	-22.7%	35.2%
11	Number of carnivora/(herbivore+omnivore)	0.368	<b>0.040</b>	0.447	0.300	3.7%	13.3%	15.1%	10.7%	-0.7%	10.4%	-6.2%	1.7%
No	<b>Ls: offspring</b>												
1	Number of species each location	0.605	0.687	0.388	0.805	1.2%	0.7%	25.3%	0.7%	-3.3%	-3.3%	0.4%	-10.3%
2	Ratio between number of big mammal and total number	0.736	0.906	0.762	0.632	0.5%	0.1%	3.5%	2.7%	-4.0%	-3.9%	-28.6%	-8.2%
3	Ratio between number of small mammal and total number	0.736	0.906	0.762	0.632	0.5%	0.1%	3.5%	2.7%	-4.0%	-3.9%	-28.6%	-8.2%
4	Number of small mammal/big mammal	0.917	0.950	0.698	0.380	0.1%	0.0%	5.7%	8.7%	-4.5%	-4.0%	-25.7%	-1.5%
5	Number of big mammal/small mammal	0.728	0.710	0.796	0.811	0.6%	0.6%	2.6%	0.7%	-4.0%	-3.4%	-29.9%	-10.4%
6	Ratio number of herbivore/total number of mammal	0.730	0.380	0.399	0.231	0.6%	3.1%	24.3%	15.5%	-4.0%	-0.8%	-0.9%	6.1%
7	Ratio number of omnivore/total number of mammal	0.141	0.418	0.260	0.438	9.6%	2.6%	39.0%	6.8%	5.5%	-1.3%	18.7%	-3.5%
8	Ratio number of carnivore/ total number of mammal	0.908	0.697	0.153	0.736	0.1%	0.6%	54.7%	1.3%	-4.5%	-3.4%	39.6%	-9.6%
9	Number of herbivore/(omnivore+carnivore)	0.755	0.521	0.432	0.176	0.5%	1.7%	21.4%	19.3%	-4.1%	-2.3%	-4.8%	10.3%
10	Number of omnivora/(herbivore+carnivore)	0.141	0.378	<b>0.089</b>	0.700	9.6%	3.1%	67.2%	1.7%	5.5%	-0.8%	56.2%	-9.2%
11	Number of carnivora/(herbivore+omnivore)	0.974	0.783	0.322	0.607	0.0%	0.3%	31.8%	3.1%	-4.5%	-3.7%	9.1%	-7.7%
No	<b>Ams: Age of sex maturity</b>												
1	Number of species each location	0.371	0.512	0.225	0.797	3.6%	1.5%	33.9%	0.7%	-0.7%	-1.9%	17.4%	-9.2%
2	Ratio between number of big mammal and total number	0.868	0.507	<b>0.097</b>	0.252	0.1%	1.5%	53.7%	12.9%	-4.4%	-1.9%	42.1%	4.2%
3	Ratio between number of small mammal and total number	0.337	0.431	0.108	0.724	4.2%	2.1%	51.6%	1.3%	-0.2%	-1.2%	39.4%	-8.6%
4	Number of small mammal/big mammal	0.375	0.981	0.150	0.547	3.6%	0.0%	44.1%	3.7%	-0.8%	-3.4%	30.1%	-5.9%
5	Number of big mammal/small mammal	0.499	0.902	<b>0.001</b>	0.252	2.1%	0.1%	95.7%	12.9%	-2.3%	-3.4%	94.6%	4.2%
6	Ratio number of herbivore/total number of mammal	0.614	0.480	0.125	0.300	1.2%	1.7%	48.4%	10.7%	-3.3%	-1.7%	35.5%	1.7%
7	Ratio number of omnivore/total number of mammal	0.519	0.710	0.644	0.737	1.9%	0.5%	5.9%	1.2%	-2.5%	-2.9%	-17.7%	-8.7%
8	Ratio number of carnivore/ total number of mammal	0.139	<b>0.025</b>	0.360	0.208	9.7%	16.2%	21.1%	15.3%	5.6%	13.3%	1.3%	6.9%
9	Number of herbivore/(omnivore+carnivore)	0.406	0.143	<b>0.020</b>	0.511	3.2%	7.2%	77.8%	4.4%	-1.2%	4.0%	72.3%	-5.1%
10	Number of omnivora/(herbivore+carnivore)	0.843	0.203	0.778	0.562	0.2%	5.5%	2.2%	3.5%	-4.4%	2.3%	-22.2%	-6.2%

Frequency of ES vs species characteristic		p-value				R sqr				R sq (adj)			
		K1	K2	K3	K4	K1	K2	K3	K4	K1	K2	K3	K4
11	Number of carnivora/(herbivore+omnivore)	0.139	0.086	0.465	0.169	9.7%	9.8%	14.0%	18.0%	5.6%	6.7%	-7.5%	9.8%
No	<b>Pha: Arboreal habitat</b>												
1	Number of species each location	0.086	0.441	0.505	0.437	12.8%	2.1%	11.8%	7.7%	8.8%	-1.4%	-10.2%	-3.8%
2	Ratio between number of big mammal and total number	0.023	0.790	0.252	0.515	21.2%	0.3%	30.9%	5.5%	17.6%	-3.3%	13.6%	-6.3%
3	Ratio between number of small mammal and total number	0.023	0.790	0.252	0.515	21.2%	0.3%	30.9%	5.5%	17.6%	-3.3%	13.6%	-6.3%
4	Number of small mammal/big mammal	0.088	0.750	0.469	0.550	12.7%	0.4%	13.8%	4.6%	8.7%	-3.2%	-7.8%	-7.3%
5	Number of big mammal/small mammal	0.155	0.914	0.144	0.484	9.0%	0.0%	45.1%	6.3%	4.8%	-3.5%	31.3%	-5.4%
6	Ratio number of herbivore/total number of mammal	0.050	0.130	0.064	0.482	16.3%	8.0%	61.8%	6.4%	12.5%	4.7%	52.3%	-5.3%
7	Ratio number of omnivore/total number of mammal	0.029	0.244	0.791	0.637	19.9%	4.8%	2.0%	2.9%	16.3%	1.4%	-22.5%	-9.2%
8	Ratio number of carnivore/ total number of mammal	0.008	0.025	0.495	0.555	28.2%	16.6%	12.3%	4.5%	24.9%	13.6%	-9.6%	-7.4%
9	Number of herbivore/(omnivore+carnivore)	0.162	0.141	0.037	0.451	8.7%	7.6%	70.4%	7.3%	4.5%	4.3%	63.1%	-4.3%
10	Number of omnivora/(herbivore+carnivore)	0.014	0.280	0.495	0.581	24.5%	4.2%	12.3%	4.0%	21.1%	0.7%	-9.6%	-8.0%
11	Number of carnivora/(herbivore+omnivore)	0.009	0.026	0.567	0.574	27.2%	16.5%	8.9%	4.1%	23.9%	13.5%	-13.9%	-7.9%
No	<b>Phg: Ground habitat</b>												
1	Number of species each location	0.476	0.994	0.132	0.913	3%	0%	47%	0%	-3%	-4%	34%	-10%
2	Ratio between number of big mammal and total number	0.515	0.347	0.238	0.847	3%	3%	32%	0%	-3%	0%	15%	-10%
3	Ratio between number of small mammal and total number	0.515	0.347	0.238	0.018	3%	3%	32%	44%	-3%	0%	15%	39%
4	Number of small mammal/big mammal	0.038	0.286	0.388	0.018	24%	4%	19%	44%	20%	1%	-1%	39%
5	Number of big mammal/small mammal	0.781	0.369	0.150	0.439	0%	3%	44%	6%	-6%	-1%	30%	-3%
6	Ratio number of herbivore/total number of mammal	0.815	0.837	0.123	0.414	0%	0%	49%	7%	-6%	-3%	36%	-3%
7	Ratio number of omnivore/total number of mammal	0.877	0.563	0.729	0.000	0%	1%	3%	75%	-6%	-2%	-21%	73%
8	Ratio number of carnivore/ total number of mammal	0.821	0.400	0.001	0.198	0%	3%	95%	16%	-6%	-1%	94%	8%
9	Number of herbivore/(omnivore+carnivore)	0.850	0.783	0.046	0.894	0%	0%	67%	0%	-6%	-3%	59%	-10%
10	Number of omnivora/(herbivore+carnivore)	0.329	0.612	0.673	0.285	6%	1%	5%	11%	0%	-3%	-19%	2%
11	Number of carnivora/(herbivore+omnivore)	0.895	0.377	0.001	0.104	0%	3%	94%	24%	-6%	-1%	93%	17%