Supporting information to the paper

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Table S3. Local results at the plot level of the response and predictor variables. FG: Floristic group; SR: Species richness; TD: Tree density (n/ha); BA; Basal area (m2/ha); TH: Total height (m); DH: Dominant height (m); AMT: Annual minimum temperature (°C); MAT: Mean annual temperature (°C); AMxT: Annual maximum temperature (°C): MMP: Mean monthly precipitation (mm); MAP: Mean annual precipitation (mm); OM: organic matter (%); N: Nitrogen (%); P: Phosphorus (mg/kg); K: Potassium (cmol/kg); Ca: Calcium (cmol/kg); Mg: Magnesium (cmol/kg); Fe: Iron (mg/kg); Mn: Manganese (mg/kg); Cu: Cupper (mg/kg); Zn: Zinc (mg/kg); SC: Spatial correlation.

Plot	FG	SR	TD	BA	TH	DH	Age	Elevation	Slope	AMT	MAT	AMxT	MMP	MAP	pH	OM	N	P	K	Ca	Mg	Fe	Mn	Cu	Zn	SC
1	FG1	7	6	180	2.4	5	40	3003.1	1	6.2	11.6	17.7	816.2	81.2	3.8	23.1	1.2	33.7	0.2	0.9	0.3	2848	9.9	8	3.1	-0.18
2	FG2	14	12	720	17	8.1	56	3055.3	1	5.8	11.1	16.9	800.9	80.9	4.6	25.4	1.3	13.8	0.3	1.2	0.3	1010	19.7	15.8	4.4	-0.16
3	FG1	10	8	860	12.6	5.4	50	3120	4	5.7	10.9	16.8	806.6	78.3	4.8	20.5	1	18.9	0.5	4.9	0.5	1060	91.7	0.8	3.9	-0.15
4	FG1	11	7	660	8.9	5.3	55	3004.6	7	5.7	10.9	16.7	781.4	78.1	5.3	27.9	1.4	16.1	0.4	9.4	1.1	415.8	110.2	1	13.3	-0.14
5	FG1	8	11	700	8.3	7.9	45	3060	8	5.7	11	16.9	829.9	78.4	5.5	9.5	0.5	3.5	1.5	15.9	2.1	273	20.7	0.8	3.3	-0.15
6	FG2	11	12	1480	36.5	5.5	98	3483.8	50	4.2	9.1	14.7	762.2	74.8	4.2	11.1	0.6	12.4	0.1	1.3	0.3	21.2	7.5	7.3	2.2	-0.05
7	FG2	14	13	1220	42.4	8.6	100	3500	2	4.2	9.1	14.7	788.8	74.1	4.4	8.9	0.4	6.5	0.1	3.9	1.7	1642	42.4	3.3	2.1	-0.05
8	FG2	12	12	1460	41.4	8.3	102	3306.8	8	4.8	9.7	15.3	792.5	74.2	4.3	9.5	0.5	14.3	0.1	1.3	0.9	15.4	7.7	1.6	2.7	-0.05
9	FG2	9	13	1300	50.5	6.1	110	3474.7	25	4.5	9.5	15.2	797.8	76.6	3.6	35.5	1.8	41	0.1	0.2	0.1	3113	5.9	1.5	3.6	-0.08
10	FG2	9	13	1200	51.7	5.2	120	3481.9	6	4.1	9	14.6	817.5	77.3	4.2	8.6	0.4	10.4	0.3	1.0	0.3	1026	72.3	0.8	4.2	-0.08
11	FG2	12	9	960	25.4	6.3	106	3370	60	3.9	8.8	14.2	812.1	72.5	5.5	8.9	0.5	3.5	1.9	21.9	3.2	195.1	13.6	0.8	2.2	0.21
12	FG2	15	9	1100	28.5	6.9	109	3500	10	3.5	8.3	13.6	822.6	73.2	3.6	31.8	1.6	16.6	0.2	3.7	0.3	2070	10.8	2.6	5.7	0.19
13	FG2	23	10	1380	32.7	7.8	130	3400	50	4.4	9.3	14.9	823	70.9	3.3	25.2	1.3	11	0.1	0.4	0.2	1625	2.7	5.8	1.9	0.19
14	FG1	9	8	440	7.3	6.2	47	3200	6	5	10	15.6	798.1	69.6	4.3	30.9	1.5	18.7	0.4	1.7	0.4	1669	7.1	3.5	2.6	0.18
15	FG1	11	8	560	7.2	6.3	49	2968	70	5.9	11.2	17	864.1	69.1	5.2	10.0	0.5	15.2	0.1	9.8	3.9	1052	27.3	1.8	4.2	0.10
16	FG1	9	6	800	11.3	5.1	41	3080	2	5.6	10.8	16.5	878	69.3	5.4	28.1	1.4	4.4	0.1	6.8	0.8	861.4	22.3	0.8	1.9	0.11
17	FG1	12	7	960	12.7	6.1	52	3040	1	5.9	11.2	17	864.1	69.1	6.3	9.9	0.5	3.5	0.7	13.9	1.2	592.3	14.2	6	3.6	0.09
18	FG1	5	6	160	2	4.7	40	3218.2	10	5.4	10.6	16.5	869.1	85.9	4.1	42.5	2.1	21.9	0.3	0.6	0.3	1366	6.7	6.1	3.5	-0.41
19	FG1	5	7	1300	20.4	5.9	60	3173.7	30	6.1	11.5	17.5	841	84.3	4.5	8.9	0.5	3.5	0.4	5.3	1.8	1570	54.7	2	1.6	-0.4

20	FG1	6	7	760	10.1	5.6	47	3206.5	40	5.4	10.6	16.5	884.3	85.0	4.0	21.2	1.1	20	0.3	0.9	0.7	2057	16.4	2.7	3.6	-0.39
21	FG3	10	19	700	102.4	15.3	155	3291	20	3.1	7.8	13.1	1035.5	94.1	6.1	5.0	0.3	3.5	0.7	26.6	2.8	119.5	52.4	1.7	4.9	0.16
22	FG3	15	21	560	68	14.7	161	3160	22	5.1	10.2	15.8	1045.4	93.1	5.6	20	1	3.4	0.2	21.3	0.6	192.8	63.2	2.3	4.4	0.17
23	FG3	12	25	580	23.9	18.2	163	3250	16	4.8	9.6	15.1	1193.6	99.3	5	21.3	1.1	3.3	0.2	7.7	0.8	502	114.2	4.6	7	0.21
24	FG3	15	25	880	48.9	19.6	162	3267	18	4.8	9.6	15.1	1192.5	100.0	5	22.4	1.1	7.4	0.2	3.8	0.4	711	108.2	5.3	13	0.21
25	FG3	9	25	620	82.4	20.3	150	3299	20	4	8.7	14.1	1177.3	103.7	6.2	21.6	1.1	3.5	0.9	21.1	1.5	160.7	61.1	2.7	10.1	0.22
26	FG1	12	15	780	11	12.1	50	3060	30	5.5	10.6	16.4	912.7	76.3	4.9	7.5	0.4	6.8	0.4	10.5	1.6	929.2	55.7	1.9	3.7	0.07
27	FG1	11	11	800	12.7	8.1	60	3079	30	5.5	10.6	16.4	963.4	77.4	5.2	9.4	0.5	7.3	0.8	11.4	2.2	616.3	23.0	2.2	2.9	0.09
28	FG1	13	11	1480	25.7	7.5	100	3096	60	5.5	10.6	16.4	963.4	77.4	4.9	17.2	0.9	11.6	0.3	9.2	0.5	424.7	54.1	3.5	3.5	0.09