LCN: Lichen interaction network study

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Results

Tables

	Response	H2	R2	p-value
prb.reml.result	Percent Rough Bark	0.396	0.396	0.001
ph.reml.result	pH	0.14	0.14	0.21
ct.reml.result	Condensed Tannins (CT)	0.256	0.256	0.021
cnr.reml.result	Carbon-Nitrogen (CN) Ratio	0	0	0.459
ptc.reml.result	Percent Lichen Cover	0.137	0.137	0.085
spr.reml.result	Lichen Species Richness	0.028	0.028	0.348
spe.reml.result	Lichen Species Evenness	0.057	0.057	0.24
spd.reml.result	Lichen Species Diversity	0.029	0.029	0.358
link.reml.result	Number of Network Links	0.124	0.124	0.124
mod.reml.result	Network Modularity	0.005	0.005	0.444
cen.reml.result	Network Centrality	0.128	0.128	0.116
com.perm.h2	Community Composition	0.161	0.236	0.011
cn.perm.h2	Lichen Network	0.069	0.269	0.03

	Df	SumOfSqs	R2	F	Pr(>F)
geno	10	304.927955	0.2334811	2.365069	0.0252975
BR	1	16.259420	0.0124497	1.261106	0.2680732
pH	1	5.037083	0.0038569	0.390684	0.5703430
CN	1	39.666365	0.0303722	3.076585	0.0838916
CT	1	70.770152	0.0541882	5.489043	0.0333967
PC	1	56.352276	0.0431485	4.370770	0.0376962
SR	1	332.417384	0.2545296	25.782810	0.0001000
SE	1	55.107744	0.0421956	4.274242	0.0422958
Residual	33	425.468500	0.3257781	NA	NA
Total	50	1306.006880	1.0000000	NA	NA

	Df	SumOfSqs	R2	F	Pr(>F)
geno	10	1.8466995	0.1733428	1.3006048	0.1018898
BR	1	0.1474919	0.0138445	1.0387653	0.3739626
pH	1	0.1302223	0.0122235	0.9171375	0.4566543
CN	1	0.1651059	0.0154979	1.1628182	0.3102690
CT	1	0.1895417	0.0177916	1.3349157	0.2373763
PC	1	2.4602836	0.2309377	17.3274361	0.0001000
SR	1	0.5485856	0.0514937	3.8636125	0.0031997
SE	1	0.4799261	0.0450489	3.3800531	0.0074993
Residual	33	4.6855957	0.4398195	NA	NA
Total	50	10.6534523	1.0000000	NA	NA