

Table S2. Estimated degrees of the variables from the inferred partial correlation network

Variable 1	Variable 2	Estimated Partial Correlation Coefficient
Cd	Zn	0.3405
pH	Ca	0.2285
Cd	Ca	0.1771
Zn	Ca	0.1505
Mg	Ca	0.1133
Cd	P	0.0473
Ca	P	0.0385
Zn	P	0.0239
Ca	K	0.0237
Mn	Zn	0.0126
Fe	P	0.0123
Fe	Zn	0.0072
pH	P	0.0040
Fe	K	-0.0021
Mn	P	-0.0038
Cd	Mn	-0.0066
Mg	P	-0.0116
pH	Mn	-0.0121
Fe	Mg	-0.0126
pH	Fe	-0.0194
Mn	Ca	-0.0238
Fe	Ca	-0.0484
Fe	Mn	-0.0727