

Table S4. Inferred partial correlation network.

Variable	Effects	Method/Model	PC	MSE	MAE
pH	LEO	ANN	0.33	4.86	1.03
Fe	LEE	MLR-OLS	0.07	5.38	1.05
Mg	LEE	MLR-OLS	0.06	5.39	1.06
Mn	LQE	MLR-OLS	0.06	5.39	1.06
Zn	LEO	ANN	0.65	3.09	0.80
Ca	LQE	MLR-OLS	0.51	3.99	0.93
P	LQE	MLR-OLS	0.37	4.85	1.01
K	LQE	MLR-OLS	0.08	5.37	1.05