

Table S3 Best models for $\Phi_{\text{max,ave}}$ and Φ^{W} values.

	SS	DF	F-value	R ²	P-value
$\Phi_{\text{max,ave}}$ values					
EcM tree genus	0.71	9	82.2	0.371	<0.001
soil pH	0.10	2	147.9	0.074	<0.001
error	1.00	1106			
Φ^{W} values					
EcM tree genus	2.51	9	80.5	0.357	<0.001
soil pH	0.50	2	145.7	0.072	<0.001
soil $\delta^{15}\text{N}$	0.21	1	54.8	0.027	<0.001
error	3.80	1105			