

Table S2. Summary of the candidate predictor variables that were included in the analysis for each data subset. An ‘X’ indicates an inclusion of a candidate predictor variable in the analyses of a particular data subset. The variables STERILITY and MICROBIAL AMENDMENT were only used if all studies were laboratory experiments.

Explanatory Variable	Fungi Only	Single Species inocula only	Lab Studies Only	Within-Paper: Plant-Fungal	Within-Paper: Fungal-Soil	Within-Paper: Plant-Soil
Plant Functional Group	X	X	X	X	X	X
Inoculum Complexity	X	---	X	X	X	---
Sterility	---	---	X	---	---	---
Microbial Amendment	---	---	X	X	X	---
Experimental Set-Up	X	X	---	---	---	---
N Fertilization	X	X	X	X	X	X
P Fertilization	X	X	X	---	X	---
Origin	X	X	X	---	---	---