

**Table S1.** Relative abundance of dominant phyla of different tree species in bulk and rhizosphere soils

Soil	Tree species	Proteobacteria	Acidobacteria	Bacteroidetes	Actinobacteria
Bulk soil	PO	0.2254	0.1904	0.1003	0.1836
	SC	0.1961	0.2145	0.1255	0.1259
	PS	0.2213	0.1798	0.1797	0.1505
	PA	0.2752	0.1128	0.2172	0.1283
	PT	0.2332	0.255	0.0946	0.1284
Rhizosphere soil	PO	0.2879	0.1354	0.1401	0.2568
	SC	0.2279	0.1908	0.1024	0.1736
	PS	0.253	0.215	0.1154	0.1367
	PA	0.2612	0.1175	0.1109	0.2325
	PT	0.2302	0.2529	0.1582	0.0979
Summary of ANOVA test					
Tree species		***	***	***	***
Soil		***	**	***	***
Tree species × soil		***	***	***	***

Note: Values are mean (n = 3). \*p < 0.05, \*\*p < 0.01, \*\*\*p < 0.001; ns, indicates no significant effect.

