**Appendix S1**

Pairwise PERMANOVA corrected *p*-values rounded to 3 decimal places. Each analysis was done with *N*=999 random permutations. Reproducing these results may not yield the exact same values given the inherent element of randomness within the test itself.

**Table A1.** Community divergence across AMF in soil.



**Table A2.** Community divergence across AMF in litter.



**Table A3.** Community divergence across saprotrophs of soil in soil.



**Table A4.** Community divergence across saprotrophs of soil in litter.



**Table A5.** Community divergence across saprotrophs of litter in soil



**Table A6.** Community divergence across saprotrophs of litter in litter



**Table A7.** Community divergence across plant pathogens in soil.



**Table A8.** Community divergence across plant pathogens in litter.

