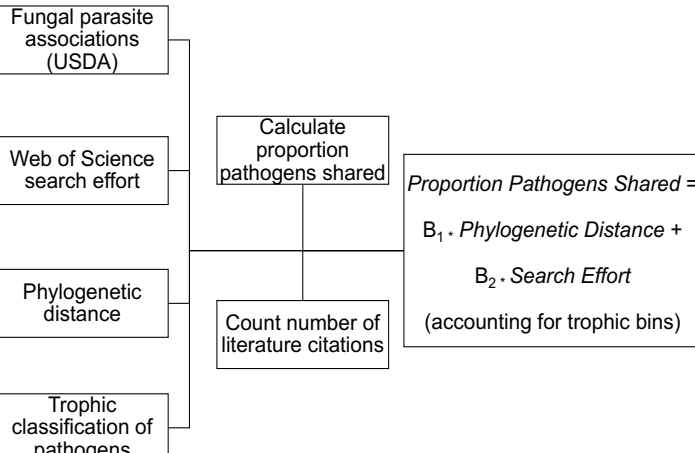
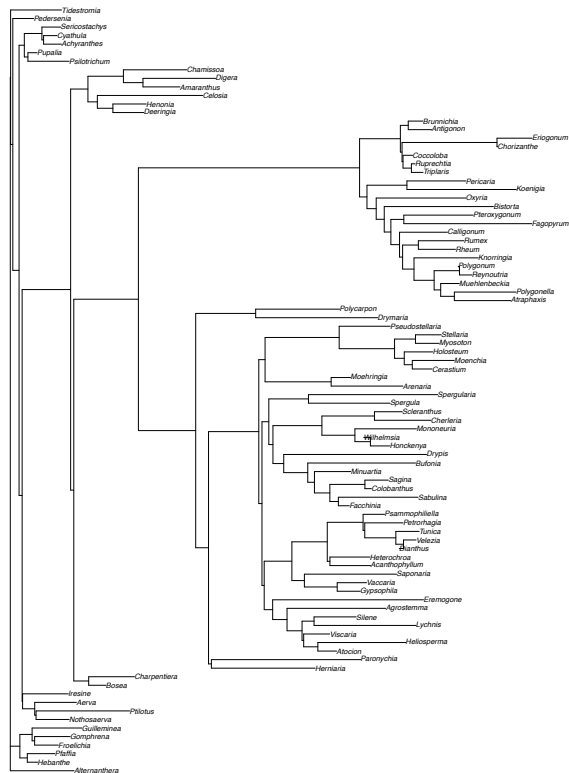


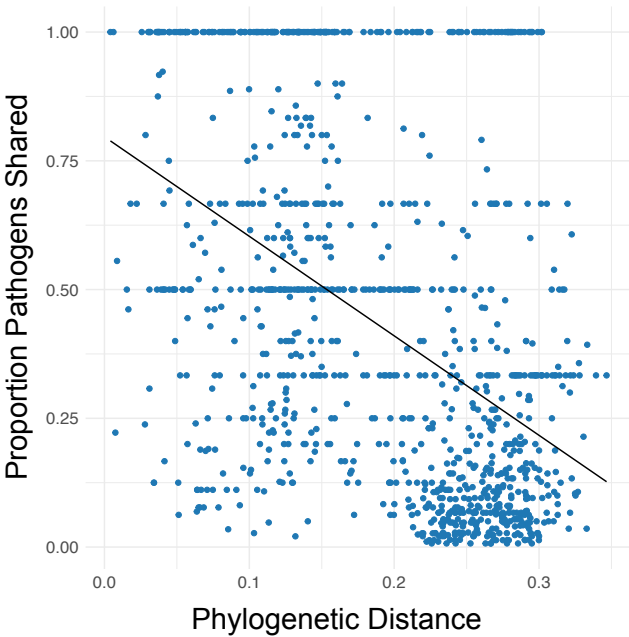
A Data collection and workflow



B Phylogenetic distance tree



C Pathogen sharing vs. distance



D Summary of models

Model	B ₁ (Phylogenetic Distance)	p-value
All	-0.6643	9.72 e-36 **
Necrotrophic	-1.0357	1.22 e-123 **
Biotrophic/Hemithrophic	-1.0887	2.44 e-15 **
Hemithrophic	-1.2084	2.71 e-35 **
Necrotrophic/Hemithrophic	-1.3791	2.25 e-77 **
Biotrophic	-1.3621	1.46 e-144 **

E Pathogen sharing vs. phylogenetic distance by trophic bin

