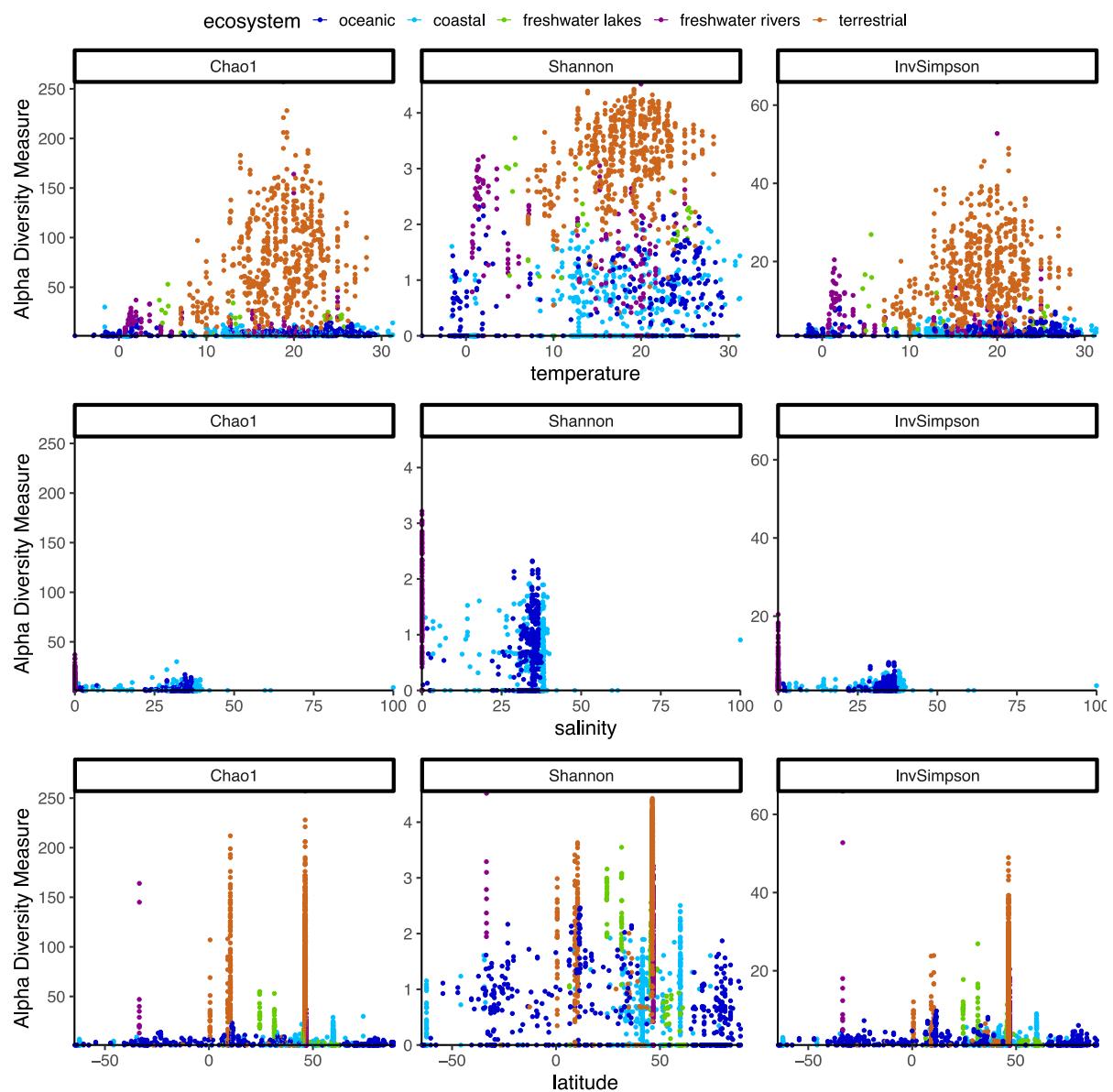
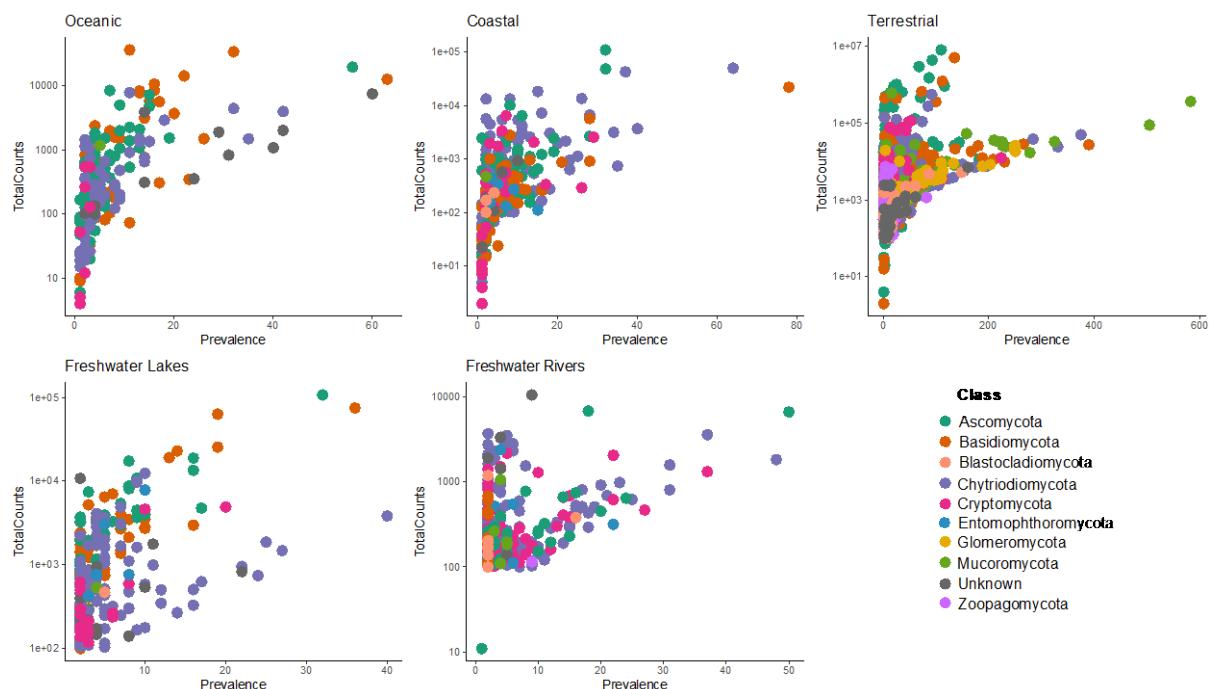


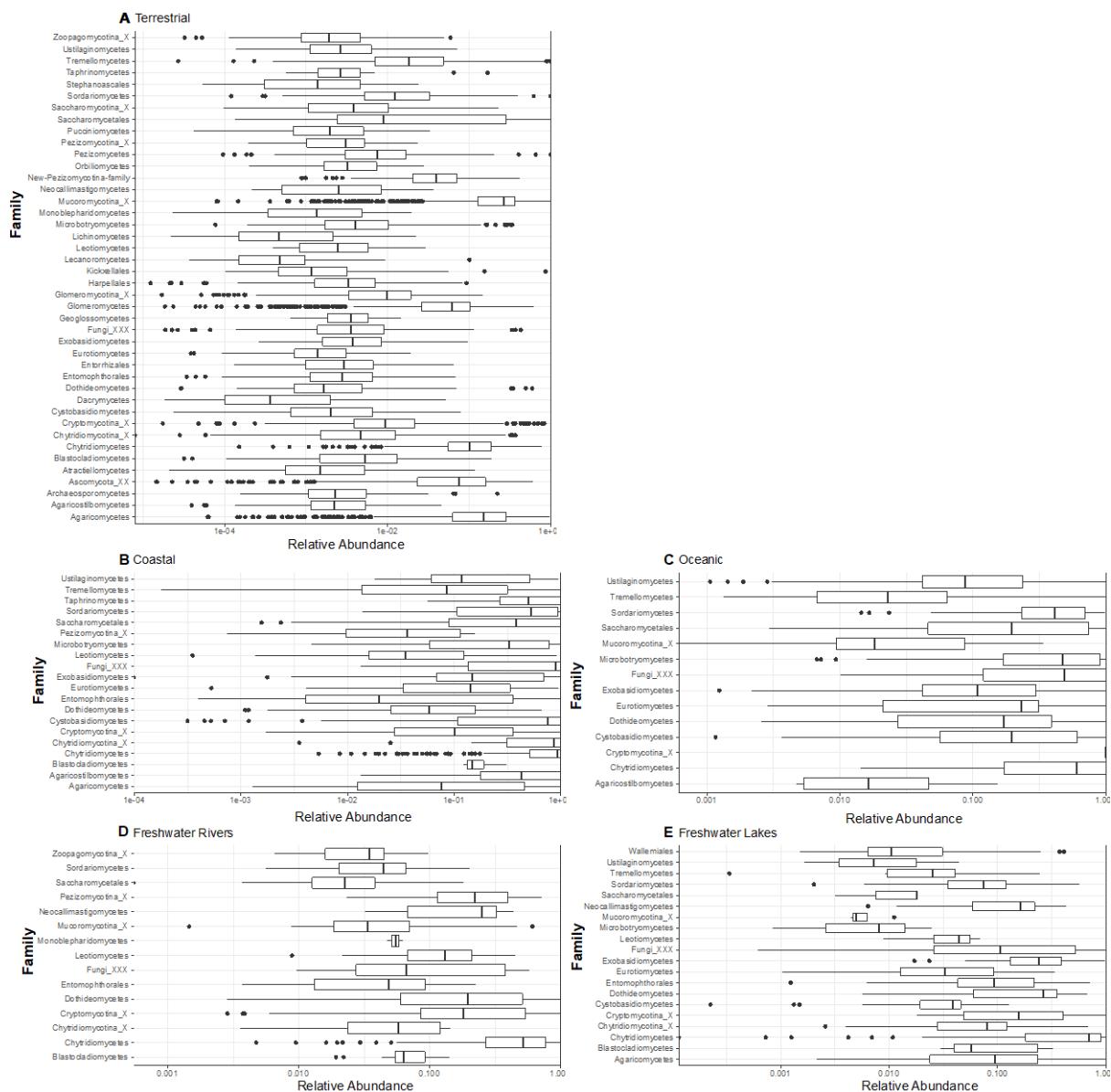
Supplementary Figure S1. Alpha diversity metrics (Shannon and Inverse Simpson) as well as Chao estimators by



Supplementary Figure S2. Prevalence (Abundance of ASVs by observed samples) of ASVs by ecosystem and fungal class.



Supplementary Figure S3. A-E. Boxplots of relative abundances of fungal family by ecosystem.



Supplementary Figure S4. Principal Component Analysis on bray-curtis similarity matrices from different ecosystems. Visible ASVs represent ‘3a575d49’ - Mortierella_hyalina, ‘fba3dc651’ - Rhodotorula_mucilaginosa, ‘3b78a83cc9’ - Chytridiomycetes_X_sp., ‘544bf132f8’ - Chytridiomycetes_X_sp., ‘308b32461’ - Fungi_Unkn_sp.. All other ASVs are provided in separate Excel sheet (asv.xlsx).

