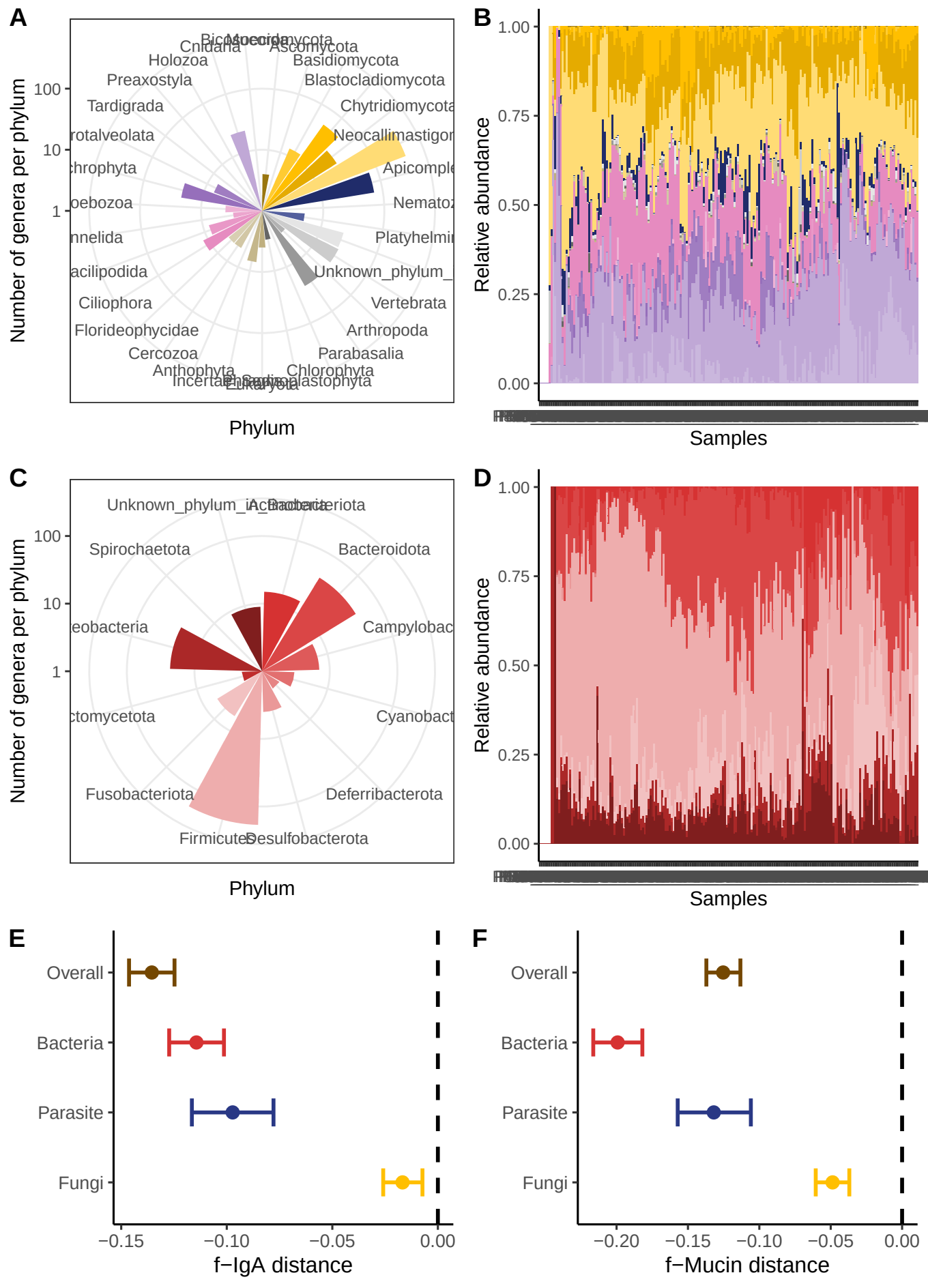
A
Number of genera per phylum
100
10
1
Holozoa
Preaxostyla
Tardigrada
Ascomycota
Basidiomycota
Blastocladiomycota
Chytridiomycota
Apicomple
Nematoz
Platyhelmi
Unknown_phylum_
Vertebrata
Arthropoda
Parabasalia
Chlorophyta
Ciliophora
Florideophycidae
Cercozoa
Anthophyta
Phylum
B
Relative abundance
1.00
0.75
0.50
0.25
0.00
Samples
C
Number of genera per phylum
100
10
1
Unknown_phylum_
Spirochaetota
Bacteroidota
Campylobac
Cyanobact
Fusobacteriota
Deferribacterota
Firmicutes
Desulfobacterota
Phylum
D
Relative abundance
1.00
0.75
0.50
0.25
0.00
Samples
E
Overall
Bacteria
Parasite
Fungi
−0.15
−0.10
−0.05
0.00
f−IgA distance
F
Overall
Bacteria
Parasite
Fungi
−0.20
−0.15
−0.10
−0.05
0.00
f−Mucin distance