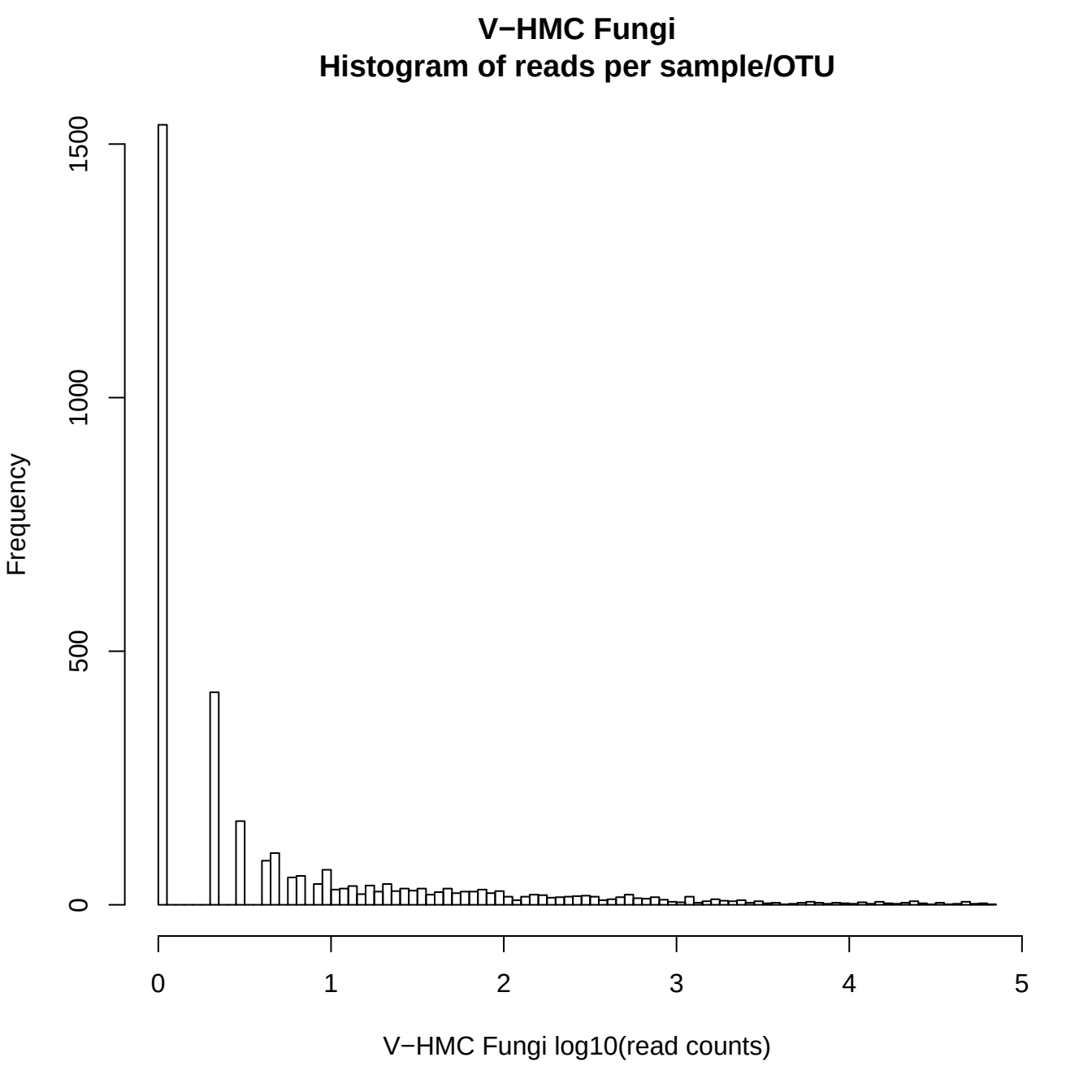
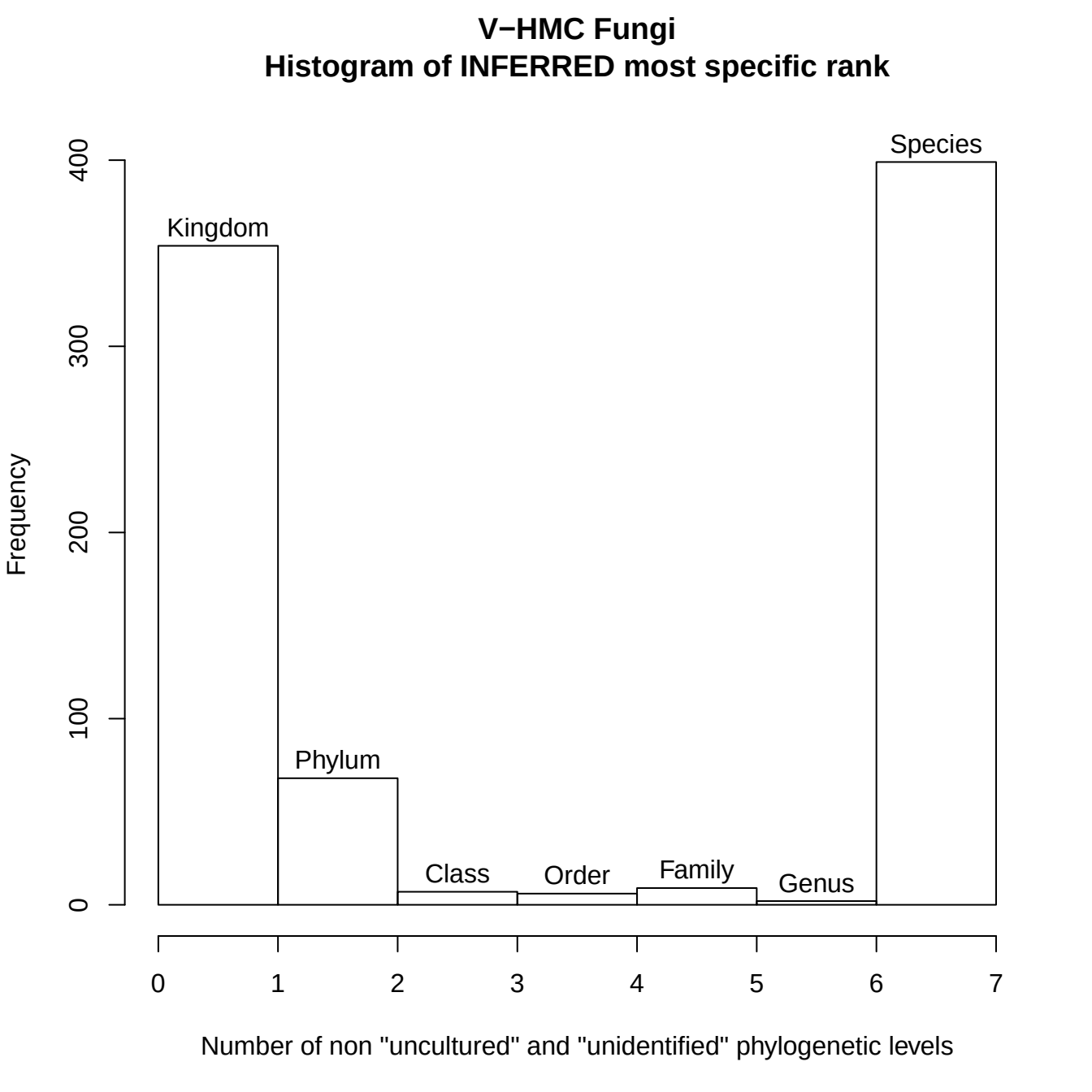
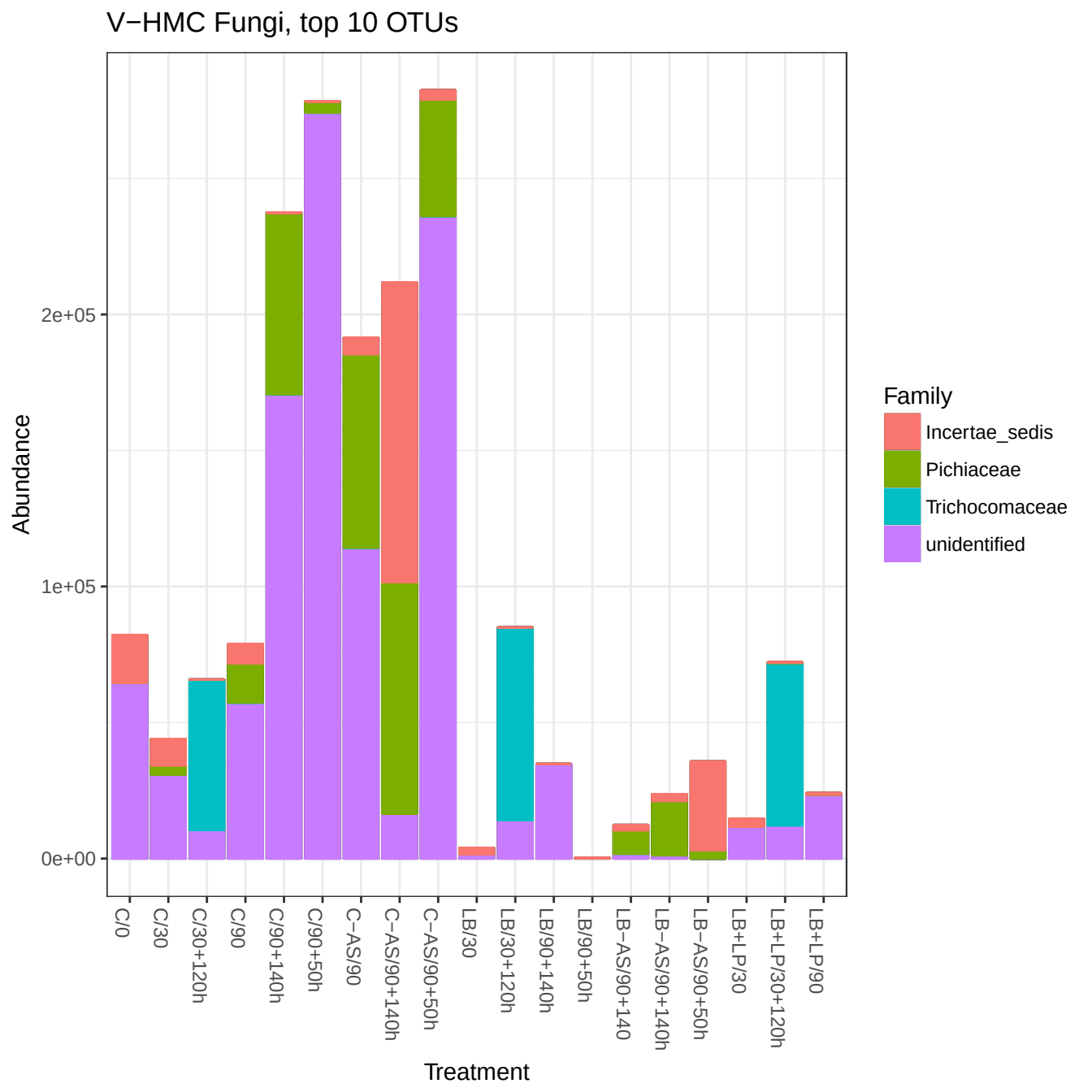
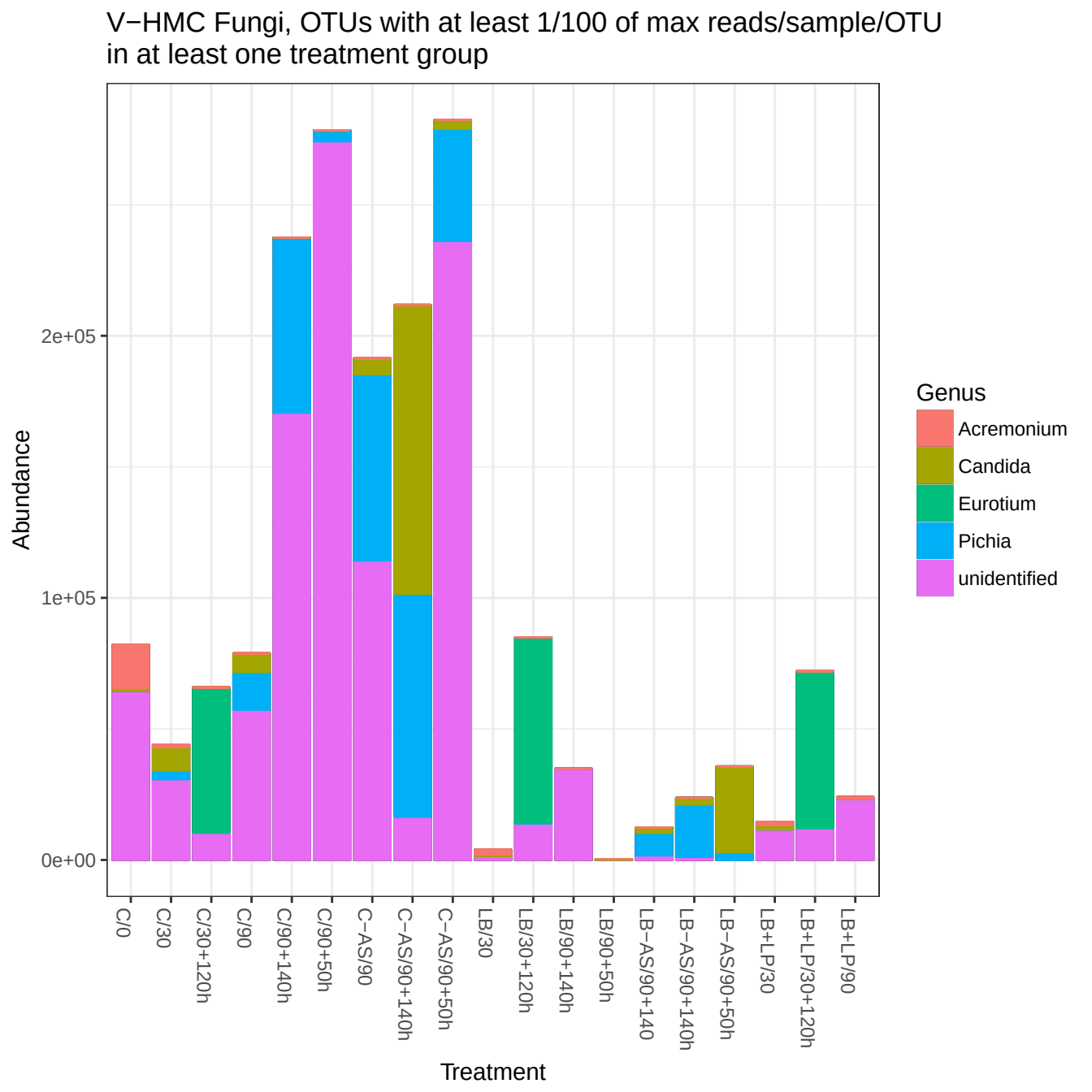
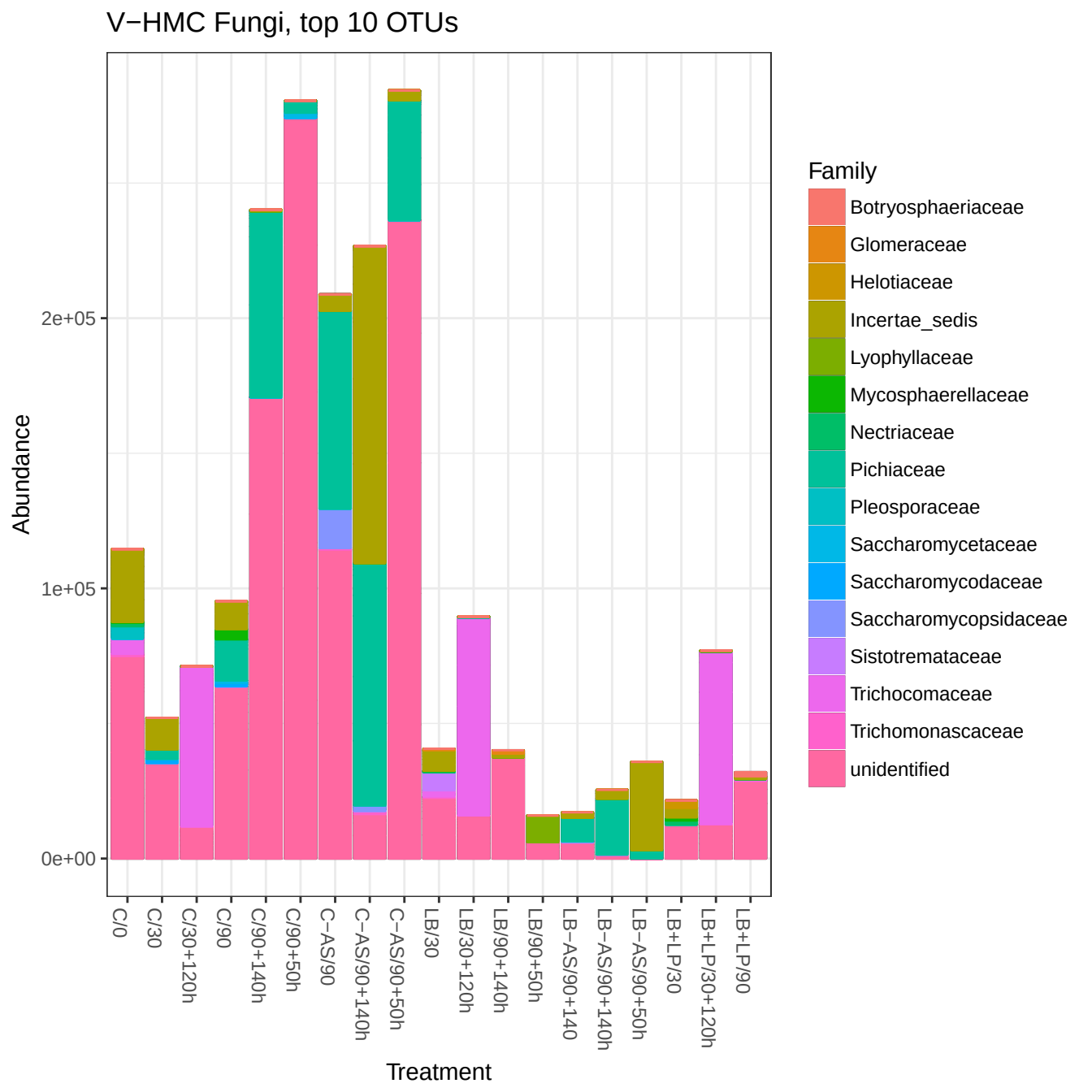
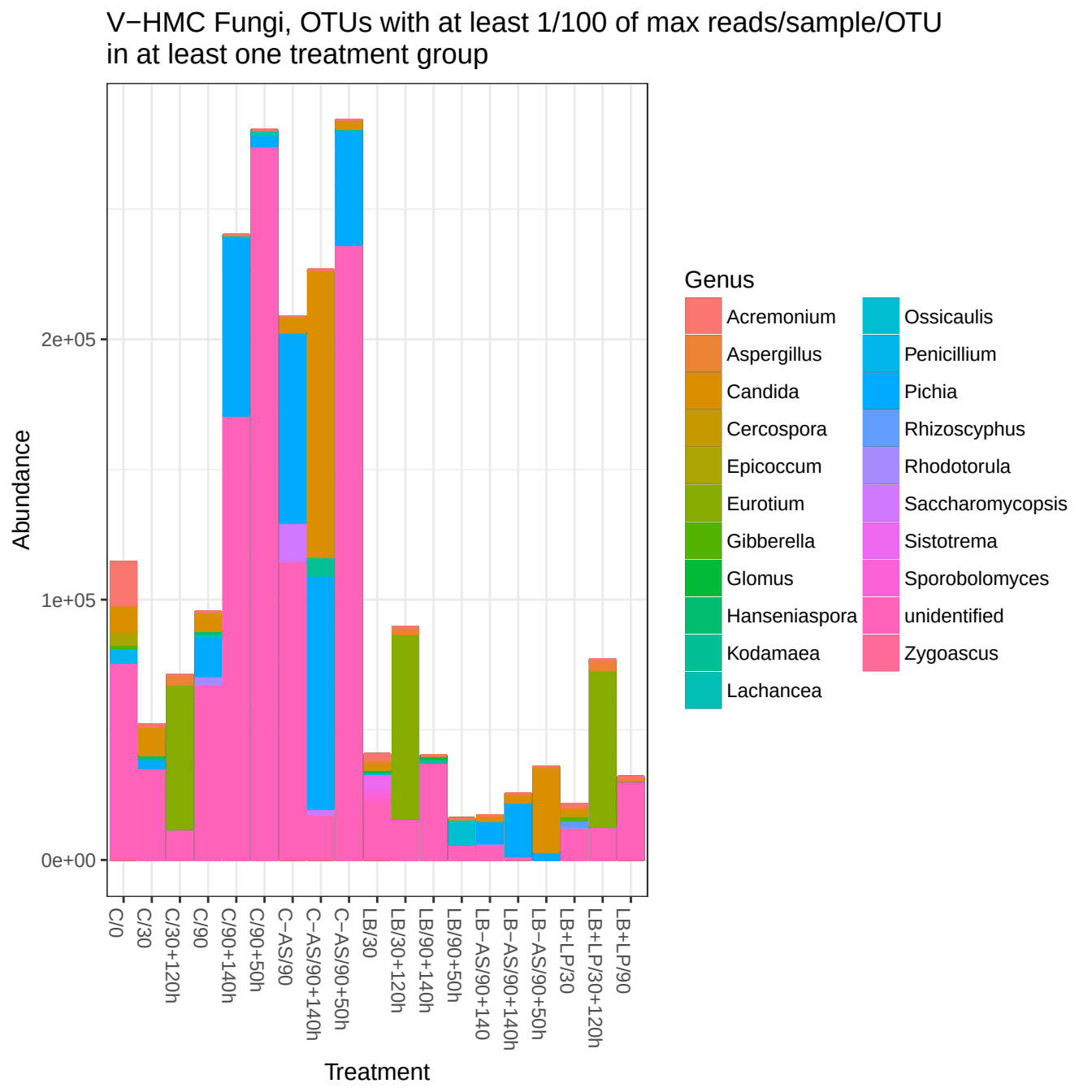

V−HMC Fungi
Histogram of reads per sample/OTU
Frequency
0
500
1000
1500
0
1
2
3
4
5
V−HMC Fungi log10(read counts)

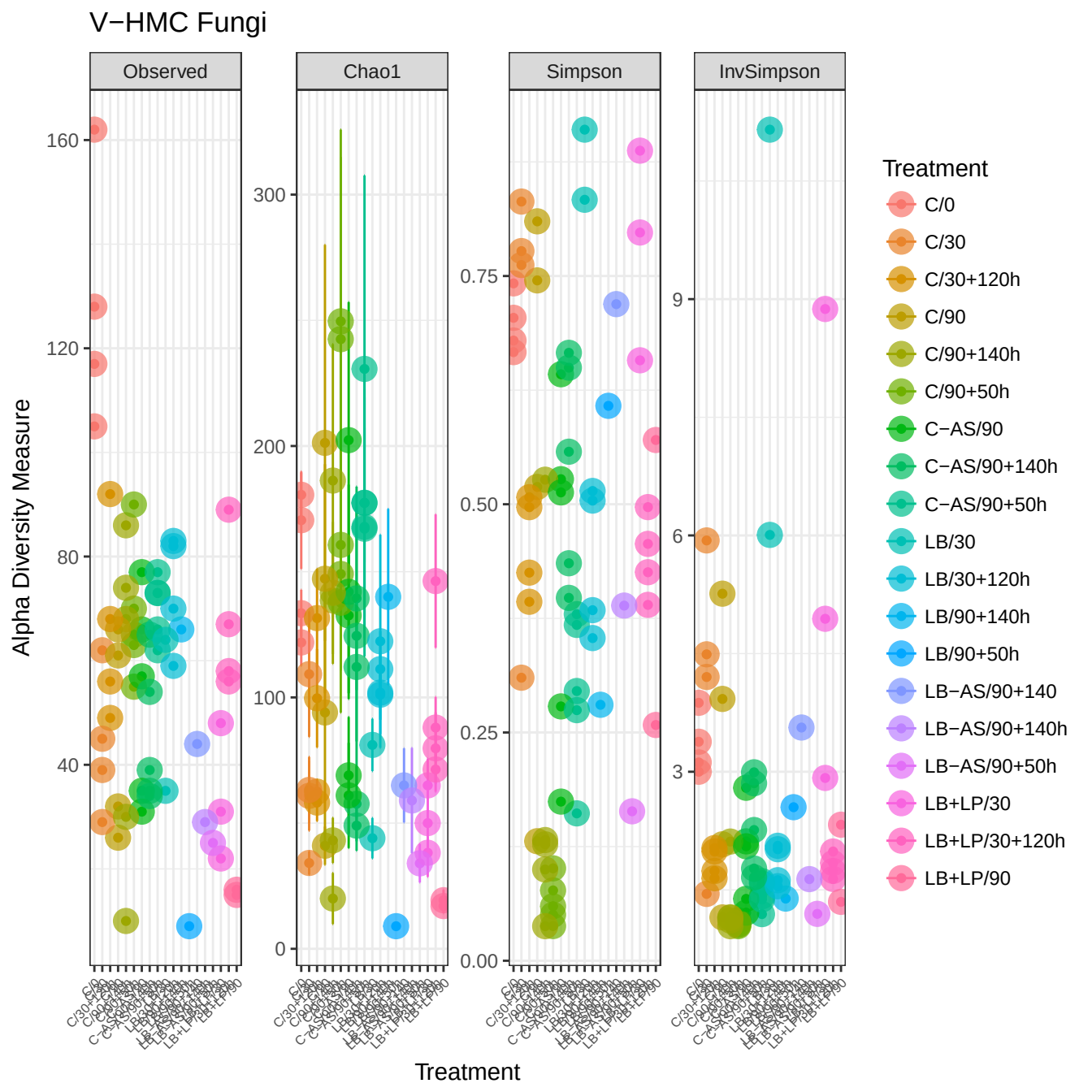

V−HMC Fungi
Histogram of INFERRED most specific rank
Frequency
0
100
200
300
400
Kingdom
Phylum
Class
Order
Family
Genus
Species
0
1
2
3
4
5
6
7
Number of non "uncultured" and "unidentified" phylogenetic levels

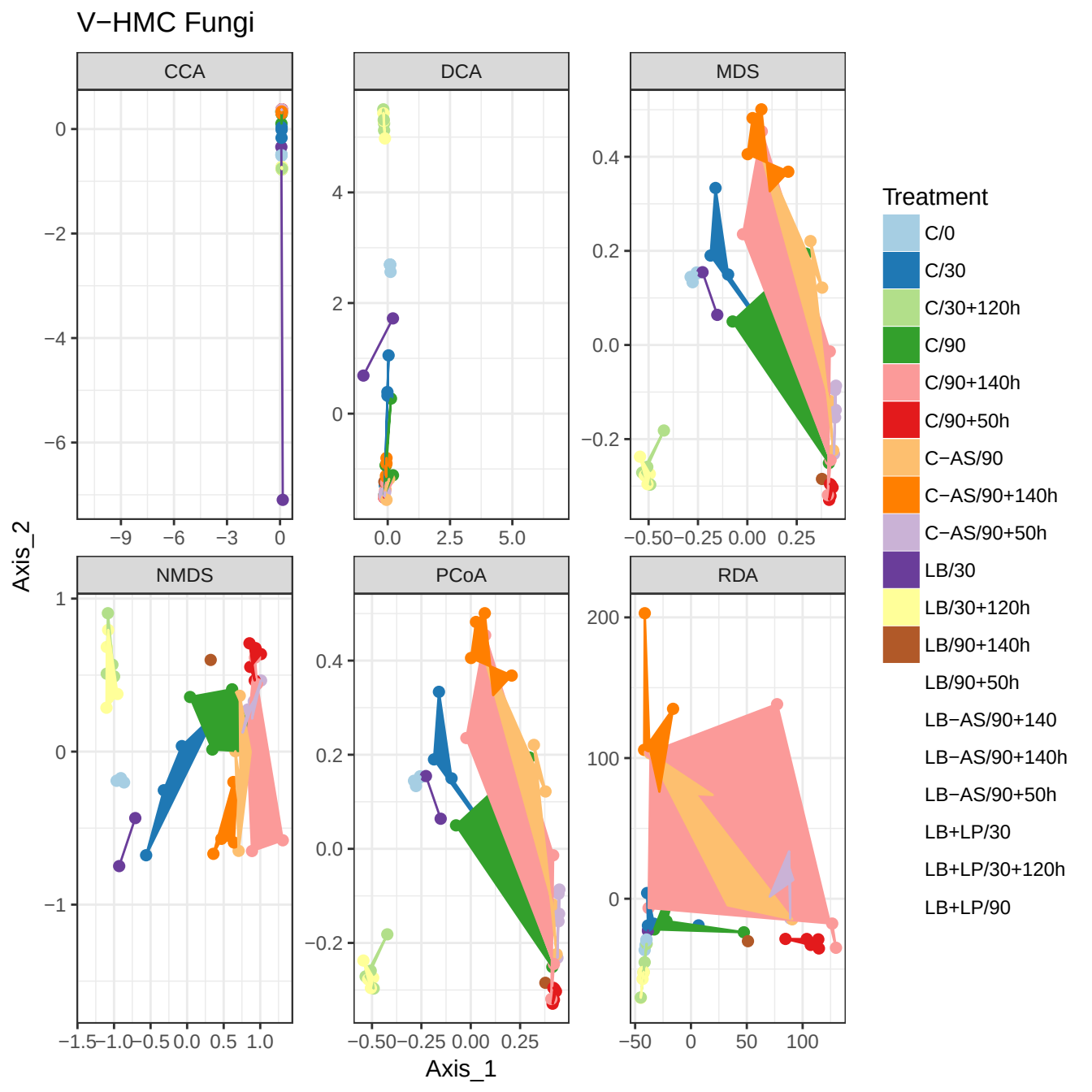

V−HMC Fungi, top 10 OTUs
Abundance
2e+05
1e+05
0e+00
C/0
C/30
C/30+120h
C/90
C/90+140h
C/90+50h
C−AS/90
C−AS/90+140h
C−AS/90+50h
LB/30
LB/30+120h
LB/90+140h
LB/90+50h
LB−AS/90+140
LB−AS/90+140h
LB−AS/90+50h
LB+LP/30
LB+LP/30+120h
LB+LP/90
Treatment
Family
Incertae_sedis
Pichiaceae
Trichocomaceae
unidentified

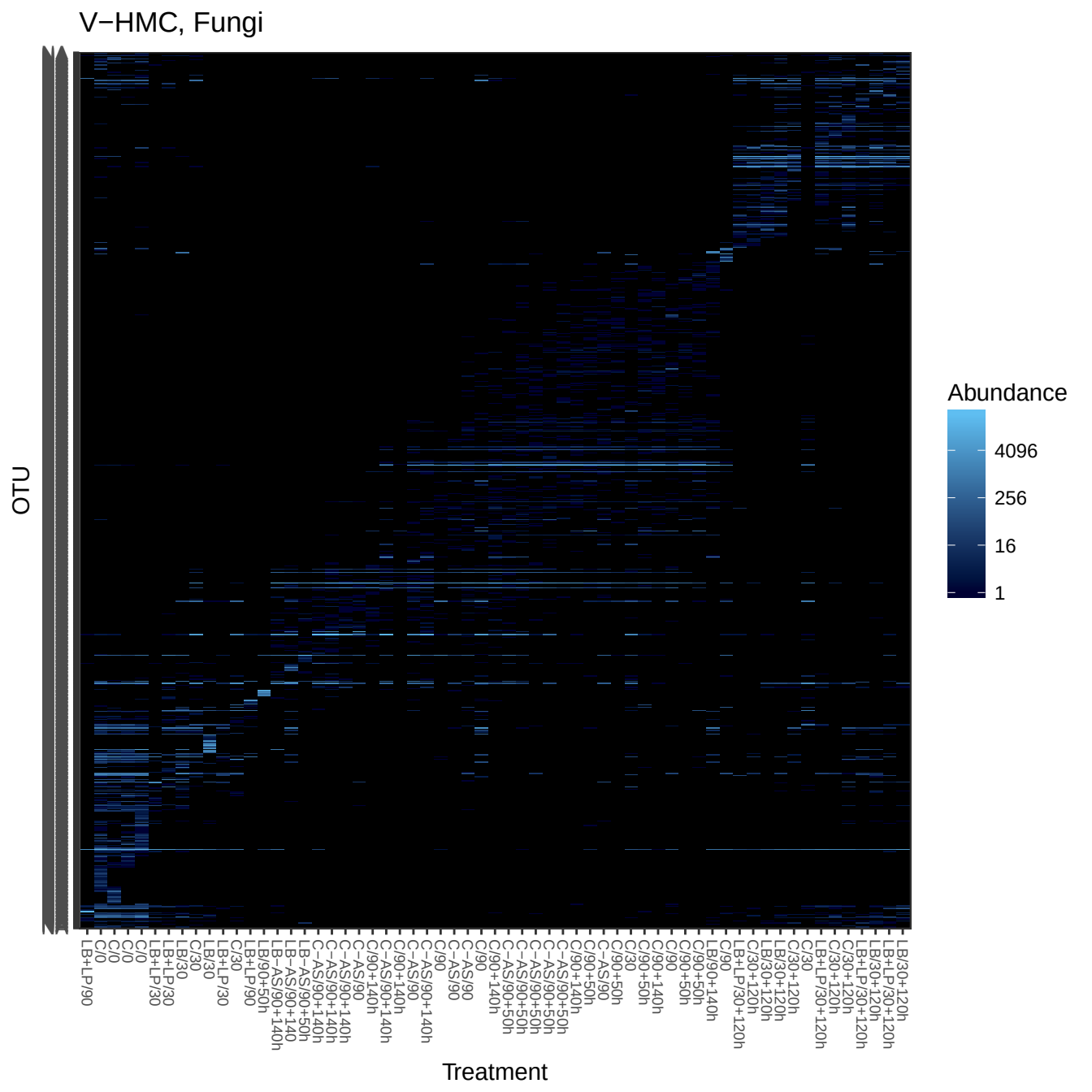

V−HMC Fungi, OTUs with at least 1/100 of max reads/sample/OTU in at least one treatment group
Abundance
2e+05
1e+05
0e+00
Genus
Acremonium
Candida
Eurotium
Pichia
unidentified
C/0
C/30
C/30+120h
C/90
C/90+140h
C/90+50h
C−AS/90
C−AS/90+140h
C−AS/90+50h
LB/30
LB/30+120h
LB/90+140h
LB/90+50h
LB−AS/90+140
LB−AS/90+140h
LB−AS/90+50h
LB+LP/30
LB+LP/30+120h
LB+LP/90
Treatment

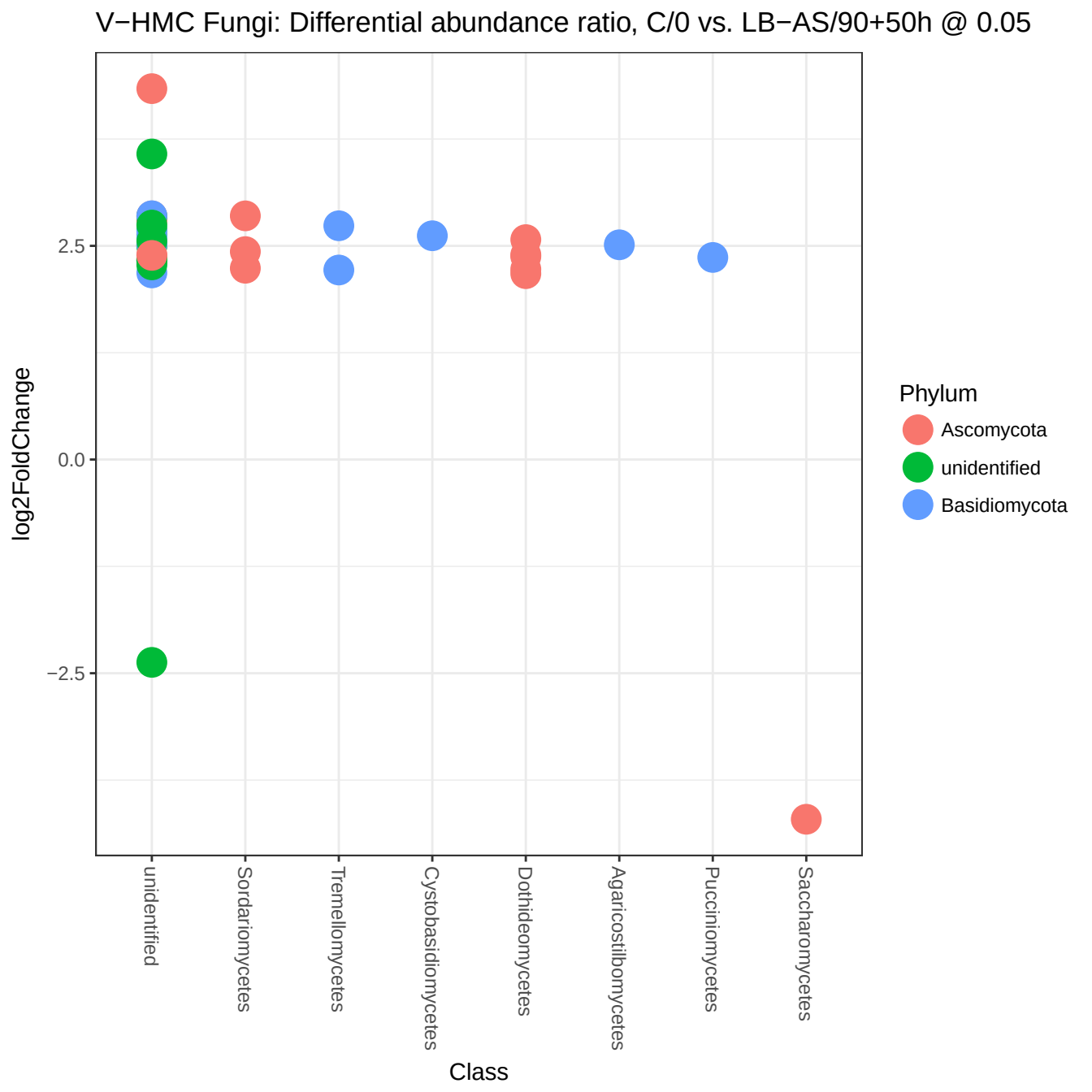

V−HMC Fungi, top 10 OTUs
Abundance
0e+00
1e+05
2e+05
C/0
C/30
C/30+120h
C/90
C/90+140h
C/90+50h
C−AS/90
C−AS/90+140h
C−AS/90+50h
LB/30
LB/30+120h
LB/90+140h
LB/90+50h
LB−AS/90+140
LB−AS/90+140h
LB−AS/90+50h
LB+LP/30
LB+LP/30+120h
LB+LP/90
Treatment
Family
Botryosphaeriaceae
Glomeraceae
Helotiaceae
Incertae_sedis
Lyophyllaceae
Mycosphaerellaceae
Nectriaceae
Pichiaceae
Pleosporaceae
Saccharomycetaceae
Saccharomycodaceae
Saccharomycopsidaceae
Sistotremataceae
Trichocomaceae
Trichomonascaceae
unidentified


V−HMC Fungi, OTUs with at least 1/100 of max reads/sample/OTU in at least one treatment group
Abundance
2e+05
1e+05
0e+00
C/0
C/30
C/30+120h
C/90
C/90+140h
C/90+50h
C−AS/90
C−AS/90+140h
C−AS/90+50h
LB/30
LB/30+120h
LB/90+140h
LB/90+50h
LB−AS/90+140
LB−AS/90+140h
LB−AS/90+50h
LB+LP/30
LB+LP/30+120h
LB+LP/90
Treatment
Genus
Acremonium
Aspergillus
Candida
Cercospora
Epicoccum
Eurotium
Gibberella
Glomus
Hanseniaspora
Kodamaea
Lachancea
Ossicaulis
Penicillium
Pichia
Rhizoscyphus
Rhodotorula
Saccharomycopsis
Sistotrema
Sporobolomyces
unidentified
Zygoascus


V−HMC Fungi
Observed
Chao1
Simpson
InvSimpson
Alpha Diversity Measure
Treatment
Treatment
C/0
C/30
C/30+120h
C/90
C/90+140h
C/90+50h
C−AS/90
C−AS/90+140h
C−AS/90+50h
LB/30
LB/30+120h
LB/90+140h
LB/90+50h
LB−AS/90+140
LB−AS/90+140h
LB−AS/90+50h
LB+LP/30
LB+LP/30+120h
LB+LP/90


V−HMC Fungi
CCA
DCA
MDS
NMDS
PCoA
RDA
Axis_2
Axis_1
Treatment
C/0
C/30
C/30+120h
C/90
C/90+140h
C/90+50h
C−AS/90
C−AS/90+140h
C−AS/90+50h
LB/30
LB/30+120h
LB/90+140h
LB/90+50h
LB−AS/90+140
LB−AS/90+140h
LB−AS/90+50h
LB+LP/30
LB+LP/30+120h
LB+LP/90


V−HMC, Fungi
OTU
Abundance
4096
256
16
1
LB+LP/90
C/0
C/0
C/0
C/0
LB+LP/30
LB+LP/30
LB/30
C/30
LB/30
LB+LP/30
C/30
LB+LP/90
LB/90+50h
LB−AS/90+140h
LB−AS/90+50h
LB−AS/90+140
C−AS/90+140h
C−AS/90
C−AS/90+140h
C−AS/90+140h
C/90+140h
C−AS/90
C−AS/90+140h
C/90
C−AS/90
C−AS/90
C/90
C/90+140h
C−AS/90+50h
C−AS/90+50h
C−AS/90+50h
C−AS/90+50h
C/90+140h
C/90+50h
C−AS/90
C/90+50h
C/30
C/90+50h
C/90+140h
C/90
C/90+50h
C/90+50h
LB/90+140h
C/90
LB+LP/30+120h
C/30+120h
LB/30+120h
C/30+120h
C/30
LB+LP/30+120h
C/30+120h
C/30+120h
LB+LP/30+120h
LB/30+120h
LB+LP/30+120h
LB/30+120h
Treatment


V−HMC Fungi: Differential abundance ratio, C/0 vs. LB−AS/90+50h @ 0.05
log2FoldChange
2.5
0.0
−2.5
unidentified
Sordariomycetes
Tremellomycetes
Cystobasidiomycetes
Dothideomycetes
Agaricostilbomycetes
Pucciniomycetes
Saccharomycetes
Class
Phylum
Ascomycota
unidentified
Basidiomycota