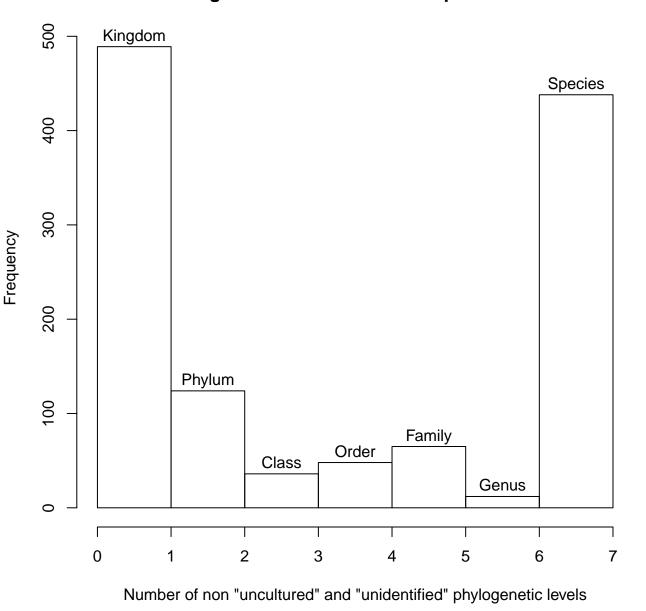
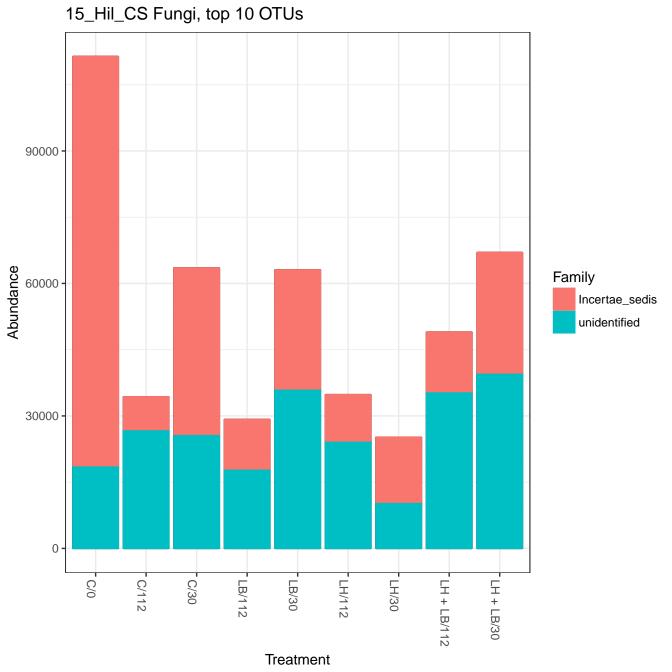
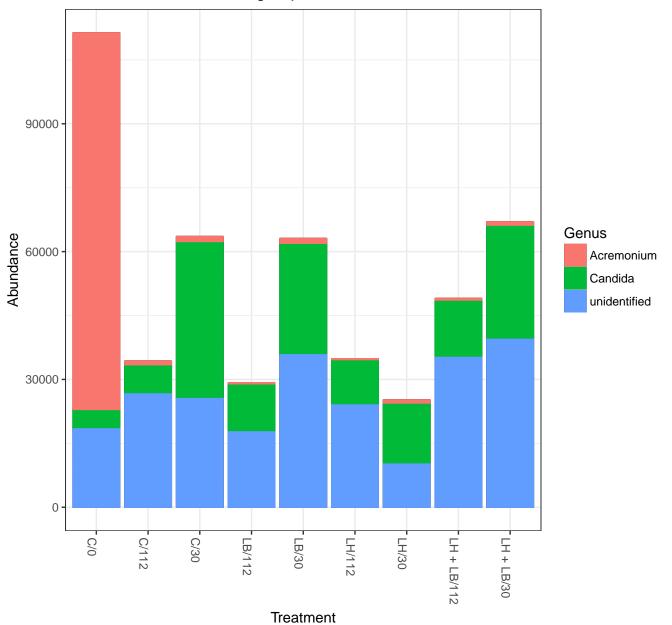
15_Hil_CS Fungi Histogram of reads per sample/OTU Frequency 15_Hil_CS Fungi log10(read counts)

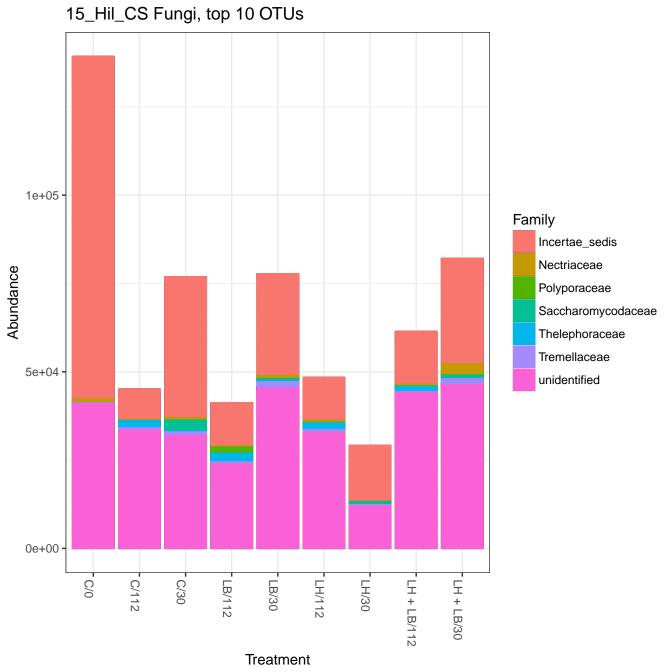
15_Hil_CS Fungi
Histogram of INFERRED most specific rank



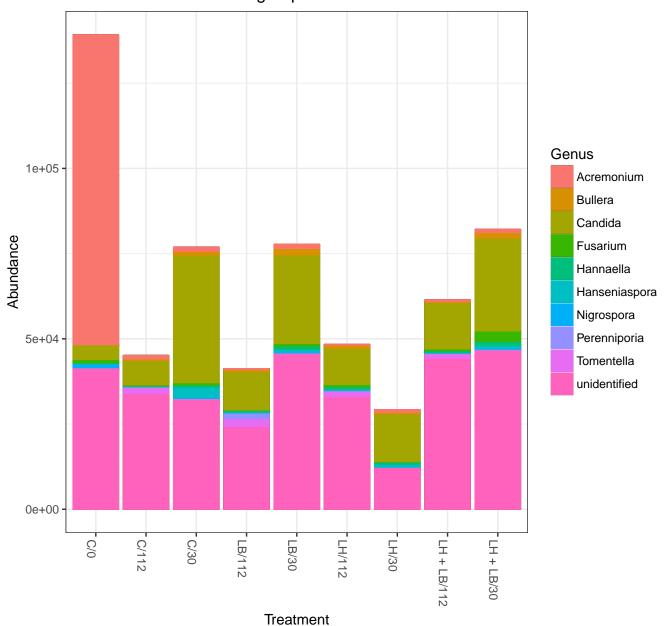


15_Hil_CS Fungi, OTUs with at least 1/100 of max reads/sample/OTU in at least one treatment group





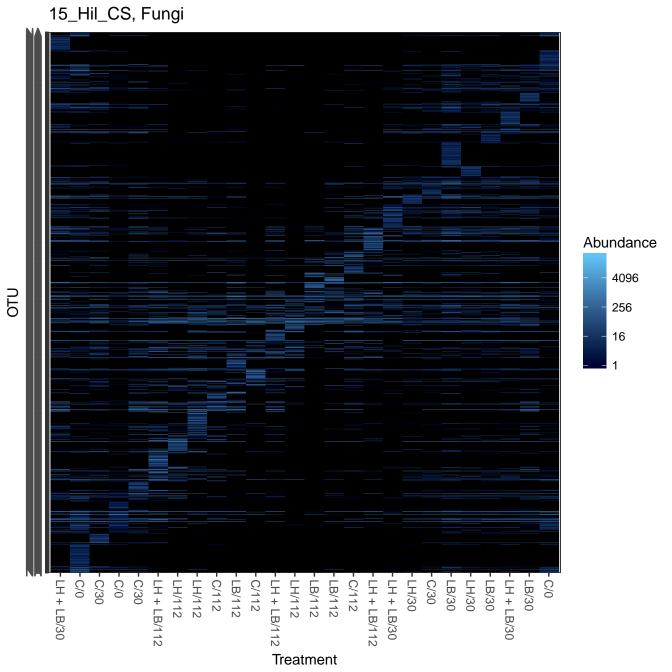
15_Hil_CS Fungi, OTUs with at least 1/100 of max reads/sample/OTU in at least one treatment group



15_Hil_CS Fungi Observed Chao1 Simpson InvSimpson 25 300 300 -0.8 20 **Treatment** 250 C/0 Alpha Diversity Measure C/112 C/30 15 -LB/112 0.6 200 LB/30 200 -LH/112 LH/30 10 LH + LB/112 LH + LB/30 150 0.4 5 100 100 -0.2

Treatment

15_Hil_CS Fungi CCA DCA MDS 5 1.0 -0.50 4 0.5 -3 0.25 0.0 2 -0.5 **-Treatment** 1 0.00 C/0 0 C/112 -1.0 -C/30 -0.25 Axis_2 -2 2 0.2 LB/112 Ö -0.4 - 0.20.0 -1 Ö <u>-</u>1 1 LB/30 **NMDS** PCoA RDA 100 LH/112 LH/30 0.50 -LH + LB/112 0.4 50 -LH + LB/30 0.25 -0 -0.0 0.00 -50 · -0.4-0.25 0.2 -1.0 -0.5 0.0 0.5 -0.4-0.2 0.0 50 100 150 200 Axis_1



15_Hil_CS Fungi: Differential abundance ratio, C/0 vs. LH/30 @ 0.05 -6.75· **−7.00** log2FoldChange Phylum Ascomycota -7.25 **-**-7.50 Saccharomycetes Class