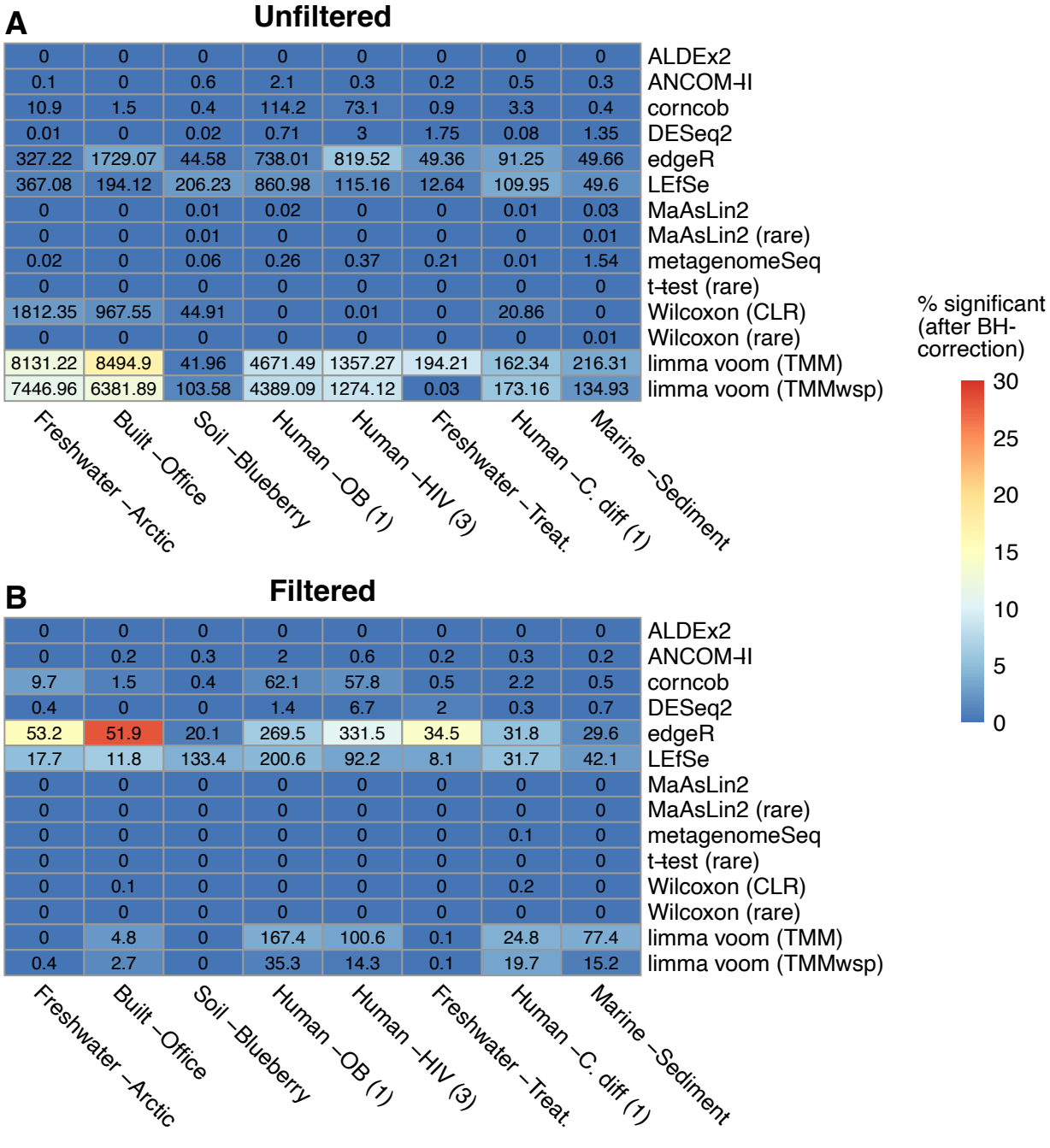
A
Unfiltered
ALDEx2 0 0 0 0 0 0 0 0
ANCOM-II 0.1 0 0.6 2.1 0.3 0.2 0.5 0.3
corncob 10.9 1.5 0.4 114.2 73.1 0.9 3.3 0.4
DESeq2 0.01 0 0.02 0.71 3 1.75 0.08 1.35
edgeR 327.22 1729.07 44.58 738.01 819.52 49.36 91.25 49.66
LEfSe 367.08 194.12 206.23 860.98 115.16 12.64 109.95 49.6
MaAsLin2 0 0 0.01 0.02 0 0 0.01 0.03
MaAsLin2 (rare) 0 0 0.01 0 0 0 0 0.01
metagenomeSeq 0.02 0 0.06 0.26 0.37 0.21 0.01 1.54
t-test (rare) 0 0 0 0 0 0 0 0
Wilcoxon (CLR) 1812.35 967.55 44.91 0 0.01 0 20.86 0
Wilcoxon (rare) 0 0 0 0 0 0 0 0.01
limma voom (TMM) 8131.22 8494.9 41.96 4671.49 1357.27 194.21 162.34 216.31
limma voom (TMMwsp) 7446.96 6381.89 103.58 4389.09 1274.12 0.03 173.16 134.93
Freshwater – Arctic
Built – Office
Soil – Blueberry
Human – OB (1)
Human – HIV (3)
Freshwater – Treat.
Human – C. diff (1)
Marine – Sediment
% significant (after BH-correction)
30
25
20
15
10
5
0
B
Filtered
ALDEx2 0 0 0 0 0 0 0 0
ANCOM-II 0 0.2 0.3 2 0.6 0.2 0.3 0.2
corncob 9.7 1.5 0.4 62.1 57.8 0.5 2.2 0.5
DESeq2 0.4 0 0 1.4 6.7 2 0.3 0.7
edgeR 53.2 51.9 20.1 269.5 331.5 34.5 31.8 29.6
LEfSe 17.7 11.8 133.4 200.6 92.2 8.1 31.7 42.1
MaAsLin2 0 0 0 0 0 0 0 0
MaAsLin2 (rare) 0 0 0 0 0 0 0 0
metagenomeSeq 0 0 0 0 0 0 0.1 0
t-test (rare) 0 0 0 0 0 0 0 0
Wilcoxon (CLR) 0 0.1 0 0 0 0 0.2 0
Wilcoxon (rare) 0 0 0 0 0 0 0 0
limma voom (TMM) 0 4.8 0 167.4 100.6 0.1 24.8 77.4
limma voom (TMMwsp) 0.4 2.7 0 35.3 14.3 0.1 19.7 15.2
Freshwater – Arctic
Built – Office
Soil – Blueberry
Human – OB (1)
Human – HIV (3)
Freshwater – Treat.
Human – C. diff (1)
Marine – Sediment