A Unfiltered

	Freshwater – Arctic	Built – Office	Soil – Blueberry	Human – OB (1)	Human – HIV (3)	Freshwater – Treat.	Human – C. diff (1)	Marine – Sediment	
ALDEx2	0	0	0	0	0	0	0	0	
ANCOM–II	0.2	0.111	2.7	7.2	4.9	0	1.3	2.4	
corncob	8.7	1	0	113.5	73	0.5	2	0.5	
DESeq2	0	0	0.1	0.2	3.1	1.5	0	1.1	
edgeR	290	1362.333	34.4	730.9	824	43.9	86.9	72.3	
LEfSe	341.6	212.778	186.2	845.3	122.9	12.8	109.5	53.5	
MaAsLin2	0	0	0	0	0	0	0	0	
MaAsLin2 (rare)	0	0	0	0	0	0	0	0	
metagenomeSeq	0	0	0.1	0.2	0.1	0	0	0.1	
t–test (rare)	0	0	0	0	0	0	0	0	
Wilcoxon (CLR)	0	0	0	0	0	0	0	0	
Wilcoxon (rare)	0	0	0	0	0	0	0	0	
limma voom (TMM)	17576.3	16267.333	0	342.3	144.2	556.9	22.8	0	
limma voom (TMMwsp)	17241.7	29562.444	184	13.6	0.5	0	8	0	

B Filtered

	Freshwater – Arctic	Built – Office	Soil – Blueberry	Human – OB (1)	Human – HIV (3)	Freshwater – Treat.	Human – C. diff (1)	Marine – Sediment	
ALDEx2	0	0	0	0	0	0	0	0	
ANCOM–II	0.1	0	2	5.4	2.7	0	1	1.4	
corncob	10.8	1.5	1	70.3	50	1.2	3.5	1.2	
DESeq2	0.5	0	0	1.9	4.2	2	0.6	0.6	
edgeR	48.7	51.9	60	269.3	315.4	33.3	30.8	35.7	
LEfSe	17.3	7.4	216	197.8	85.3	8.2	33.6	49.3	
MaAsLin2	0	0	0	0	0	0	0.4	0	
MaAsLin2 (rare)	0	0	0	0	0	0	0	0	
metagenomeSeq	0	0	0	0	0	0.1	0.2	0.2	
t–test (rare)	0	0	0	0	0	0	0	0	
Wilcoxon (CLR)	0	0	0	0	0	0	0	0	
Wilcoxon (rare)	0	0	0	0	0	0	0	0	
limma voom (TMM)	3.1	3.7	0	160.3	141.9	33.3	5.5	100.8	
limma voom (TMMwsp)	5.7	2.3	0	16.6	0.4	0	1.7	0.4	