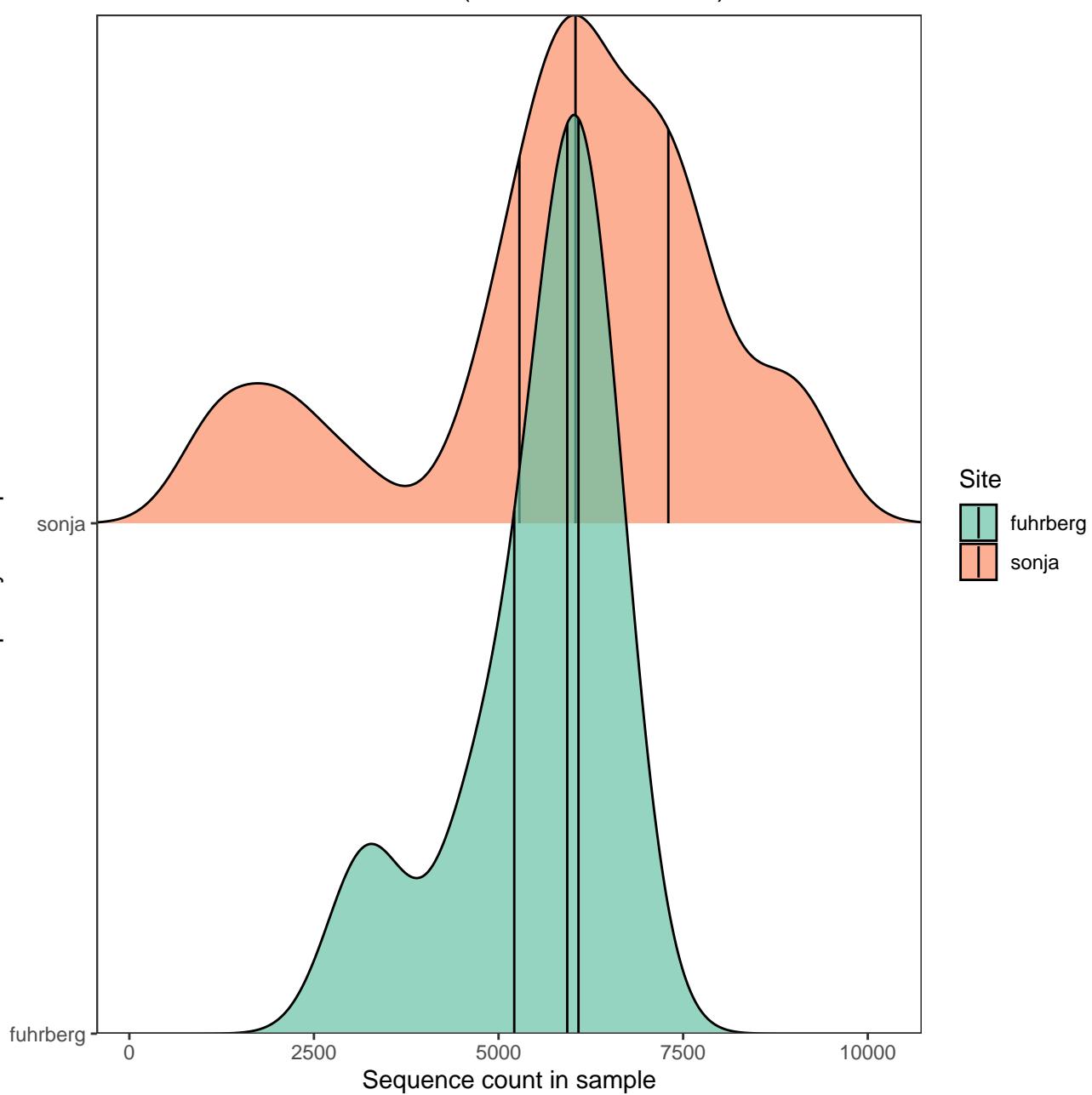
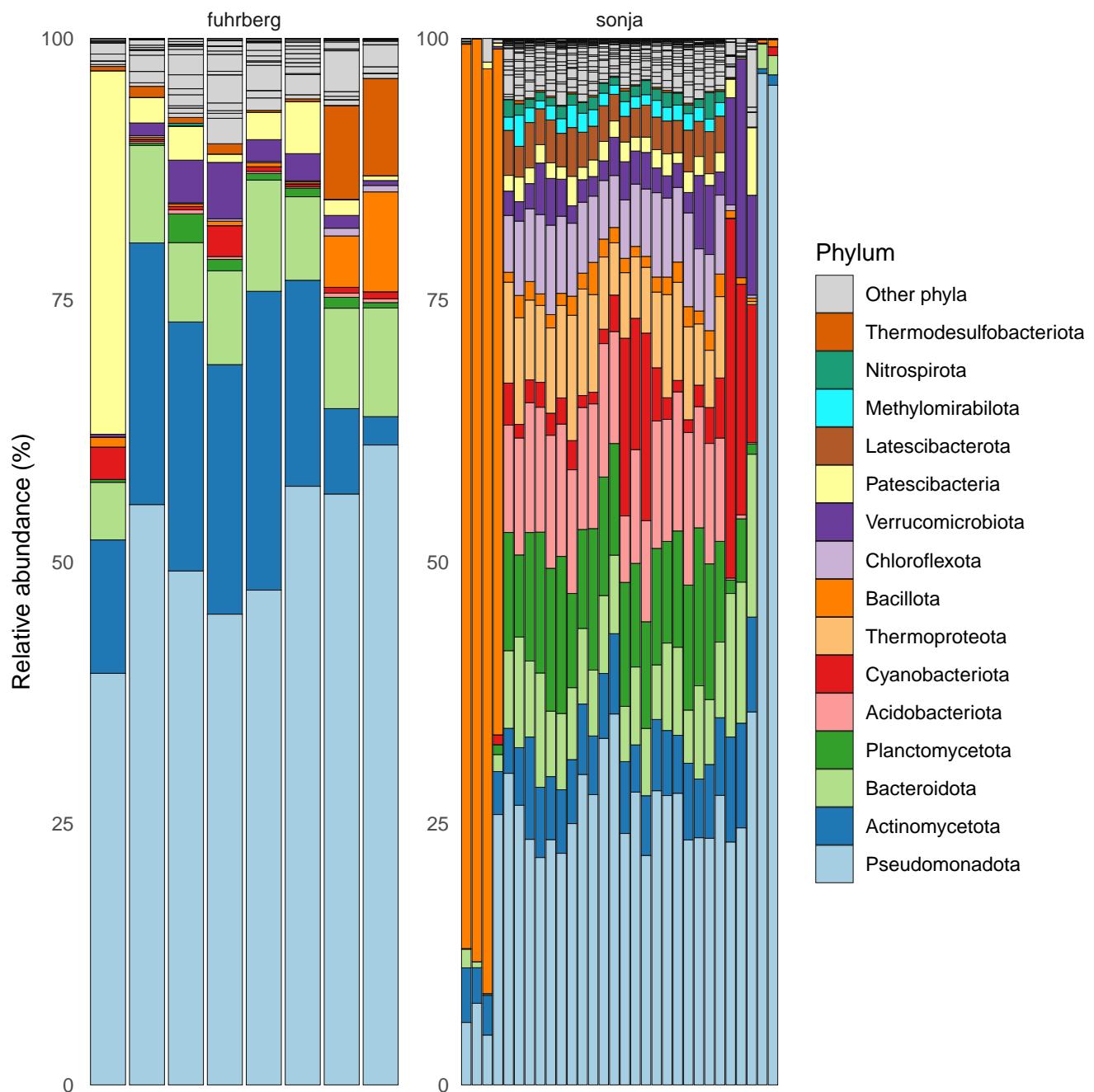
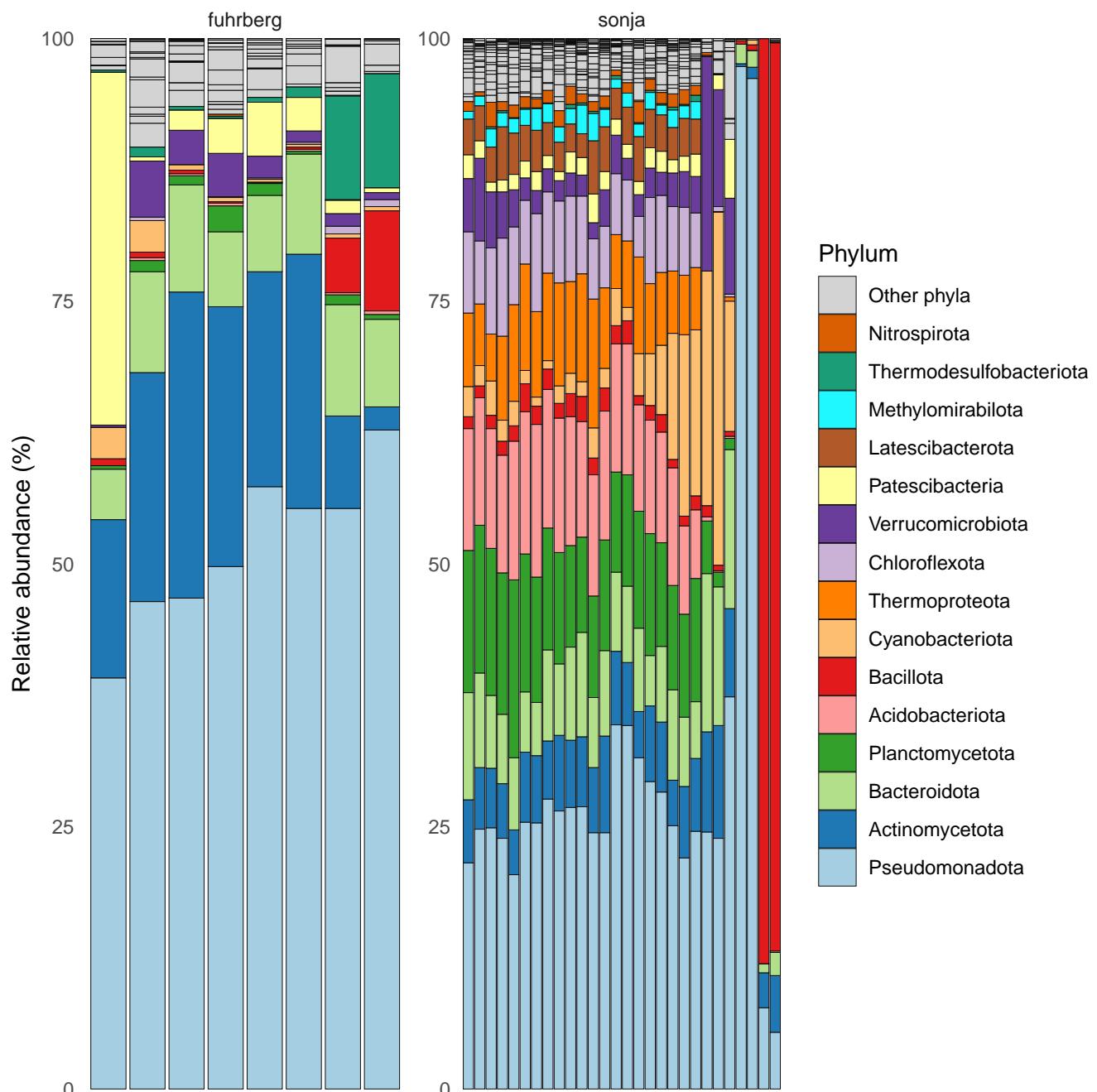


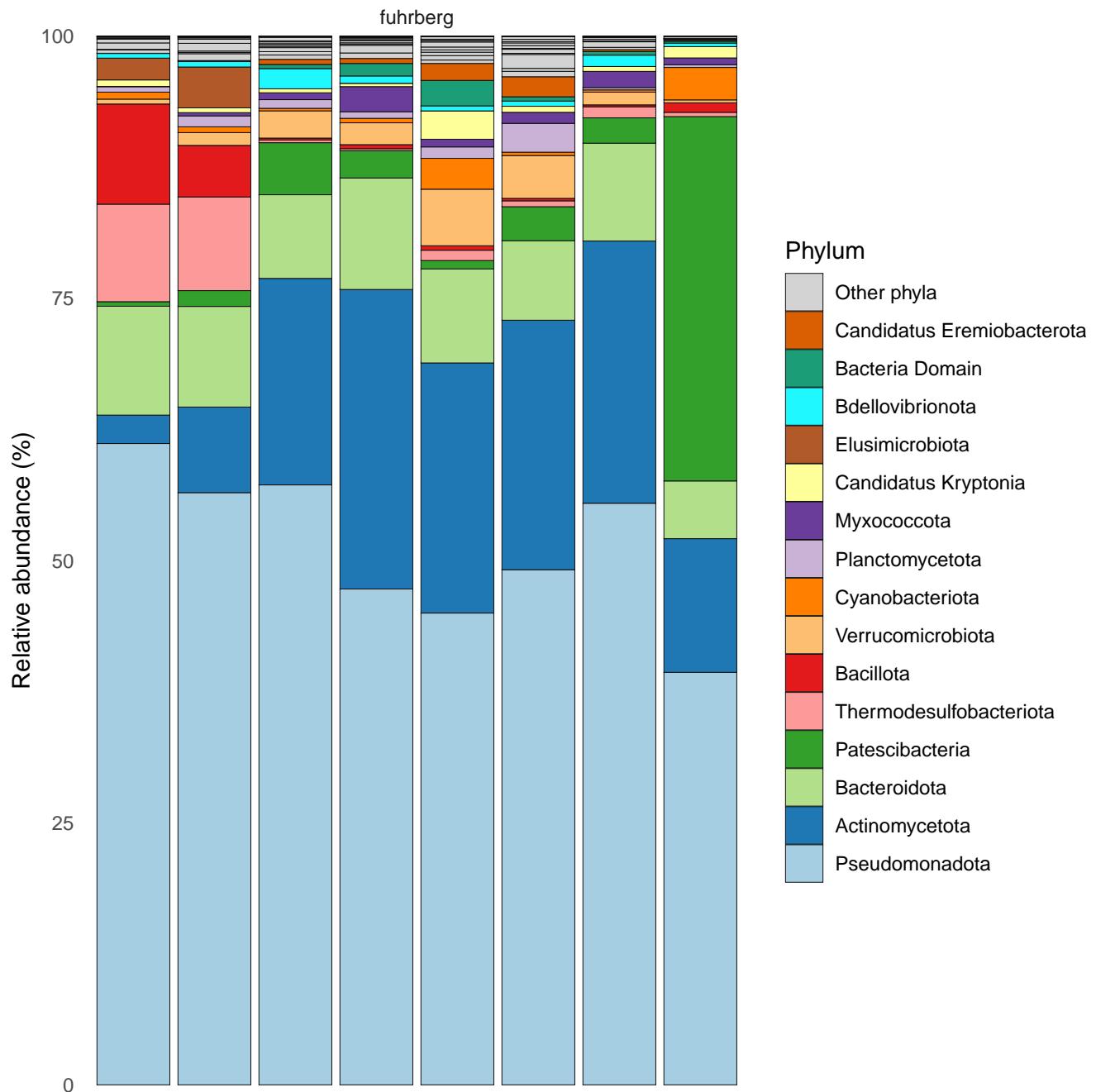
Total number of DNA reads ( $5792.58 \pm 1945.62$ )

Frequency of sequence count

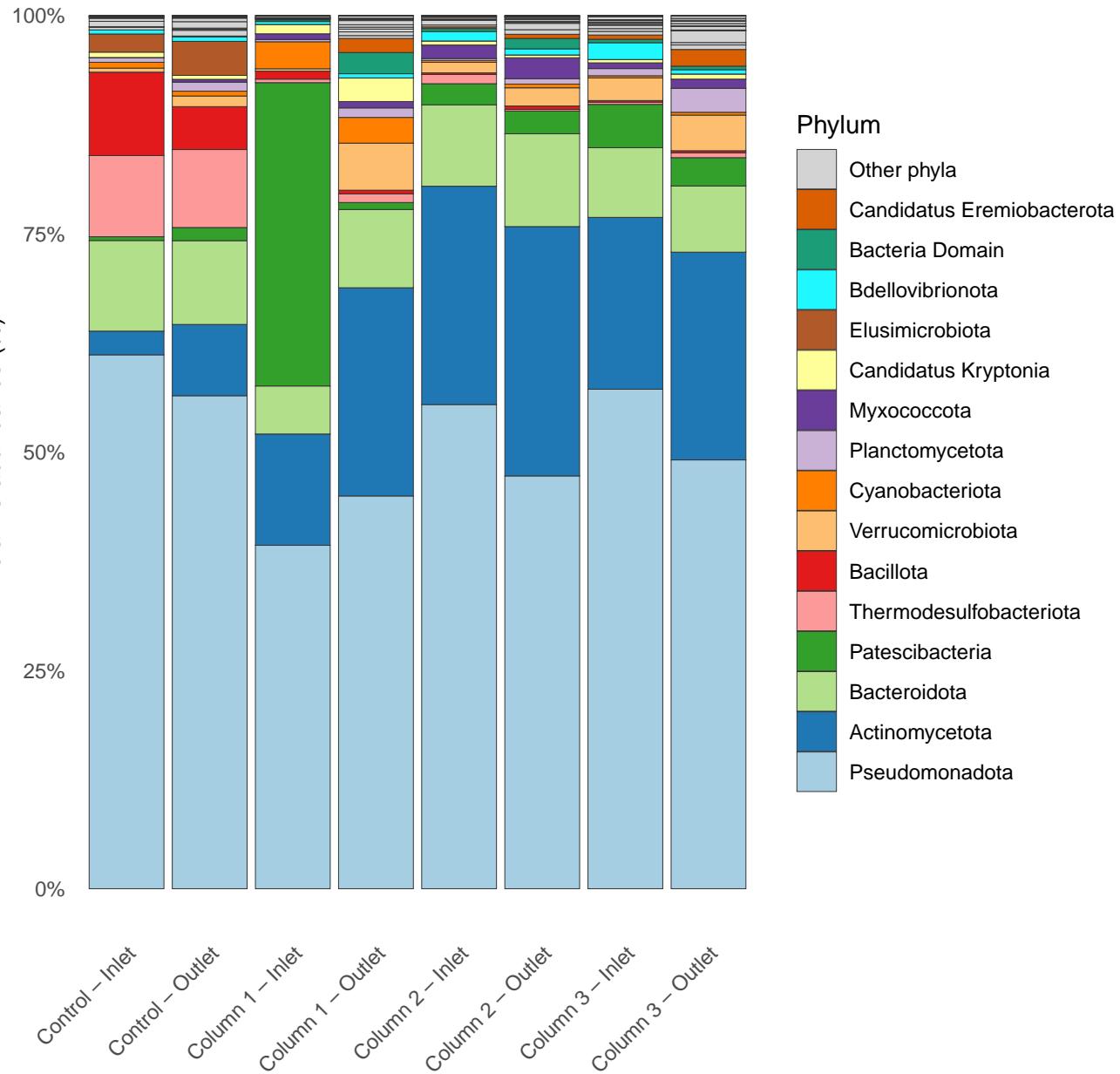




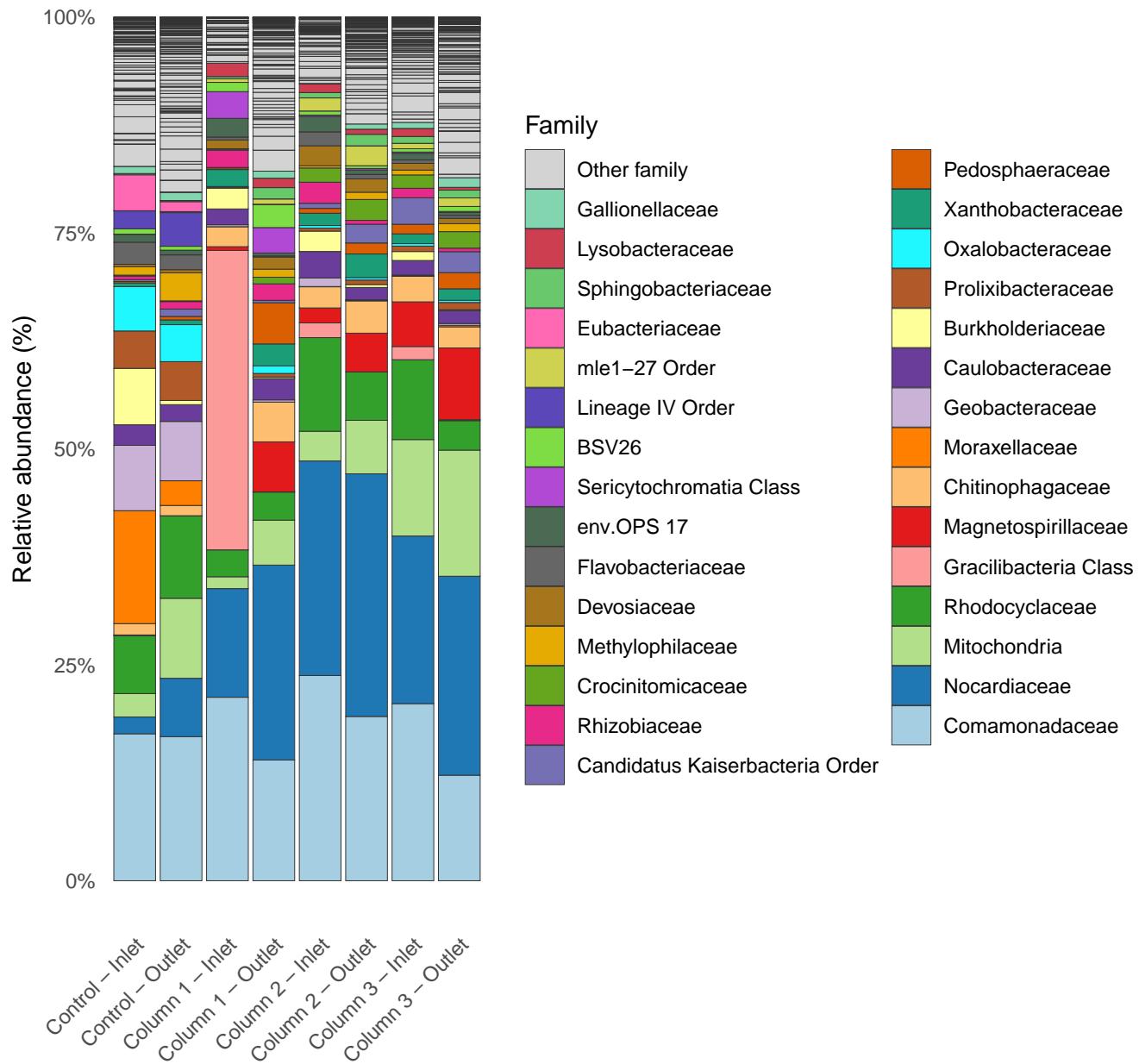




## Community composition (Phylum)



# Community composition (Family)



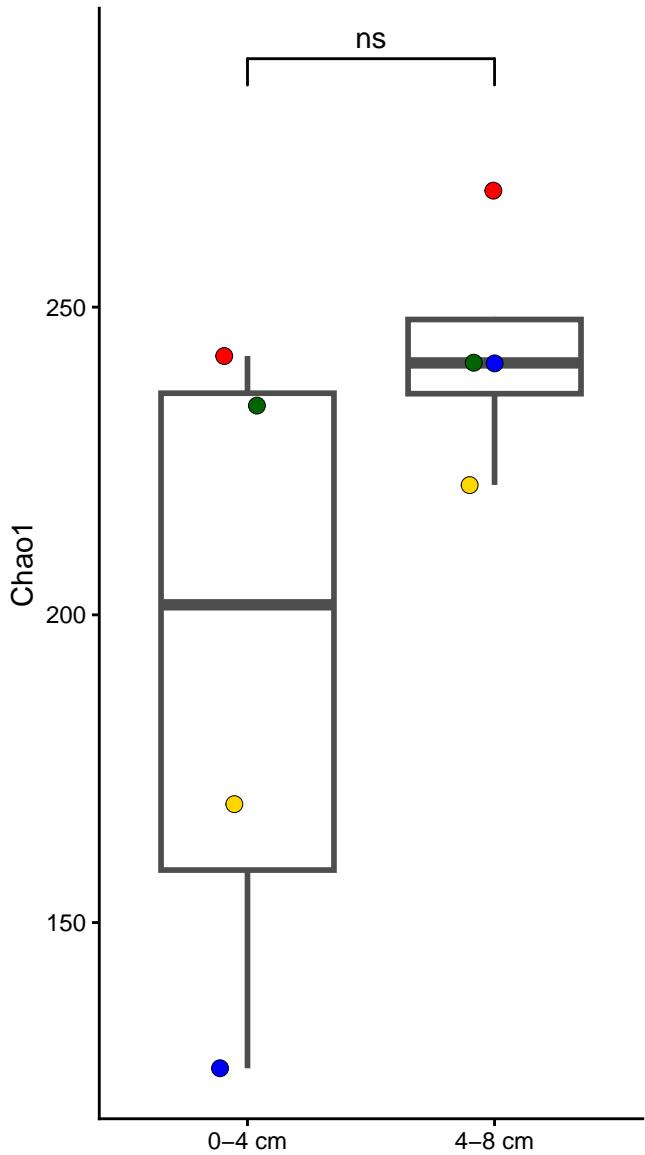
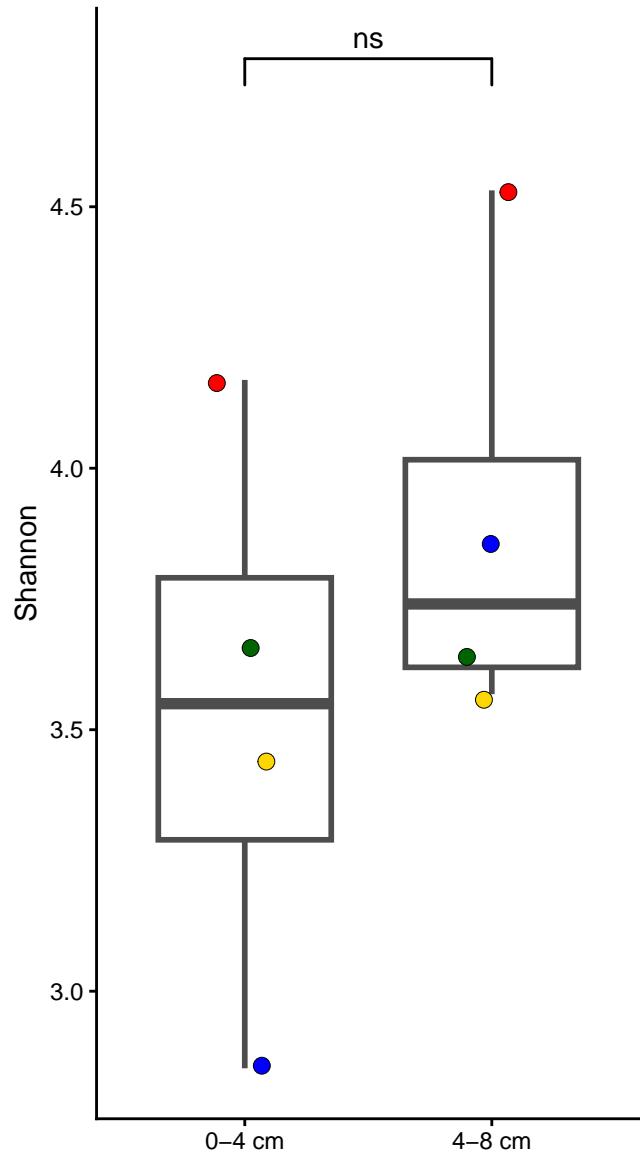
# Family

	Column 1	Column 2	Column 3	Column 4
Comamonadaceae	21.25	13.98	23.76	19.02
Nocardiaceae	12.58	22.57	24.85	28.09
Other family	3.17	11.21	4.34	7.83
Rhodocyclaceae	3.11	3.25	10.84	5.61
Gracilibacteria Class	34.68	0.03	1.70	0.00
Magnetospirillaceae	0.43	5.78	1.73	4.48
Chitinophagaceae	2.32	4.61	2.45	3.75
Geobacteraceae	0.22	0.26	0.99	0.10
Caulobacteraceae	1.83	2.47	3.07	1.43
Moraxellaceae	0.00	0.00	0.03	0.02
Burkholderiaceae	2.41	0.19	2.35	0.33
Xanthobacteraceae	1.96	2.55	1.43	2.73
Prolixibacteraceae	0.09	0.41	0.34	0.52
Oxalobacteraceae	0.09	0.87	0.31	0.29
Pedosphaeraceae	0.19	4.76	0.56	1.27
Candidatus Kaiserbacteria Order	0.06	0.29	0.59	2.18
	2.00	1.90	2.45	0.44
	0.13	0.77	1.64	2.42
	1.02	1.39	2.32	1.54
	0.04	0.94	0.25	0.84
	0.33	0.14	1.61	0.52
	env.OPS 17	2.17	0.34	1.80
			0.51	0.34
			0.76	0.34
			0.91	0.55
Sericytchromatia Class	3.09	2.94	0.15	0.17
mle1–27 Order	0.41	0.61	1.52	2.30
BSV26	1.07	2.69	0.46	0.32
Lineage IV Order	0.00	0.02	0.00	0.00
Lysobacteraceae	1.56	1.09	0.99	0.59
Sphingobacteriaceae	0.26	1.31	0.62	1.33
Eubacteriaceae	0.00	0.00	0.00	0.00
Gallionellaceae	0.00	0.82	0.06	0.60
Bacteria Domain	0.19	2.43	0.34	1.19
Eremiobacteria Class	0.09	1.62	0.19	0.48
Sporomusaceae	0.72	0.00	0.00	0.00
Bacteriovoracaceae	0.30	0.34	1.02	0.54
Paracoccaceae	0.20	1.02	0.19	0.76
Hydrogenophilaceae	0.09	0.56	0.25	0.37
Verrucomicrobiia Class	0.07	0.17	0.56	0.44
Acidaminobacteraceae	0.00	0.00	0.00	0.00
Sphingomonadaceae	0.41	0.17	0.59	0.24
Desulfuromonadaceae	0.00	0.00	0.00	0.00
Leptospiraceae	0.09	0.32	0.22	0.52

Relative Abundance (%)



Column 1 – 0–4 cm  
 Column 1 – 4–8 cm  
 Column 2 – 0–4 cm  
 Column 2 – 4–8 cm  
 Column 3 – 0–4 cm  
 Column 3 – 4–8 cm  
 Column 4 – 0–4 cm  
 Column 4 – 4–8 cm



● Column 1   ● Column 2   ● Column 3   ● Column 4

# Beta diversity (Bray–Curtis PCoA)

