

Total number of DNA reads (5792.58 ± 1945.62)

Frequency of sequence count

sonja

fuhrberg

Site

fuhrberg

sonja

0

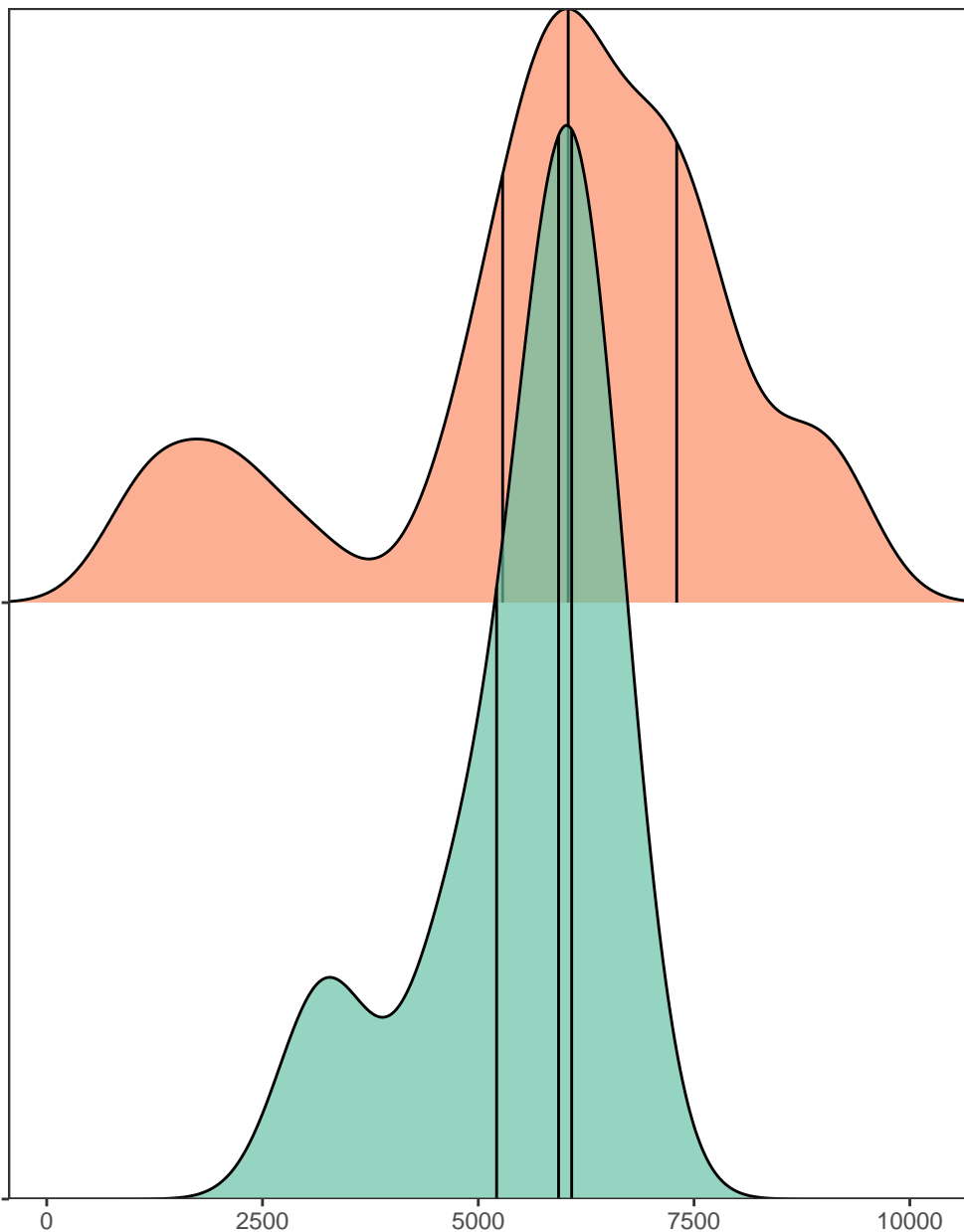
2500

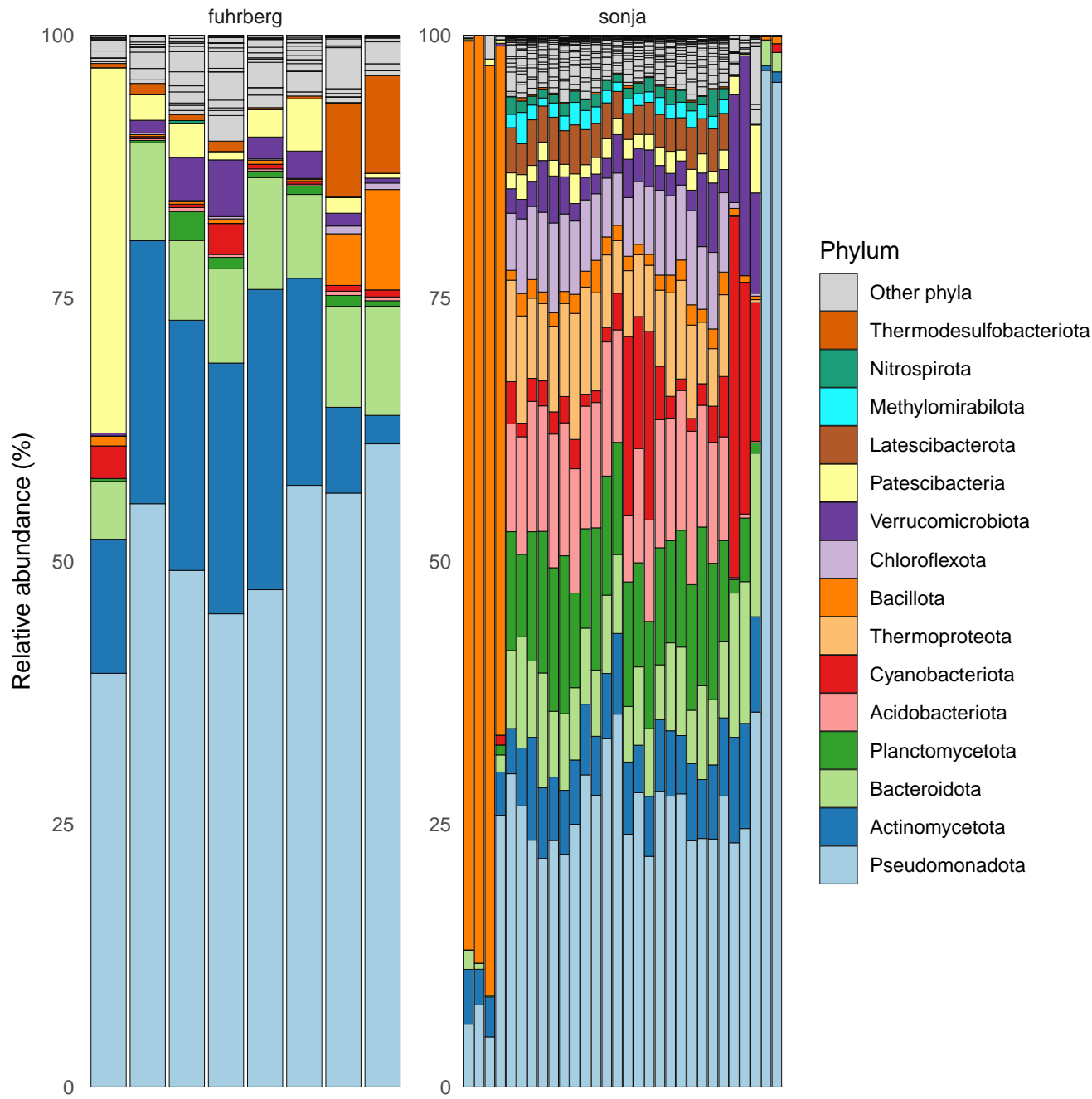
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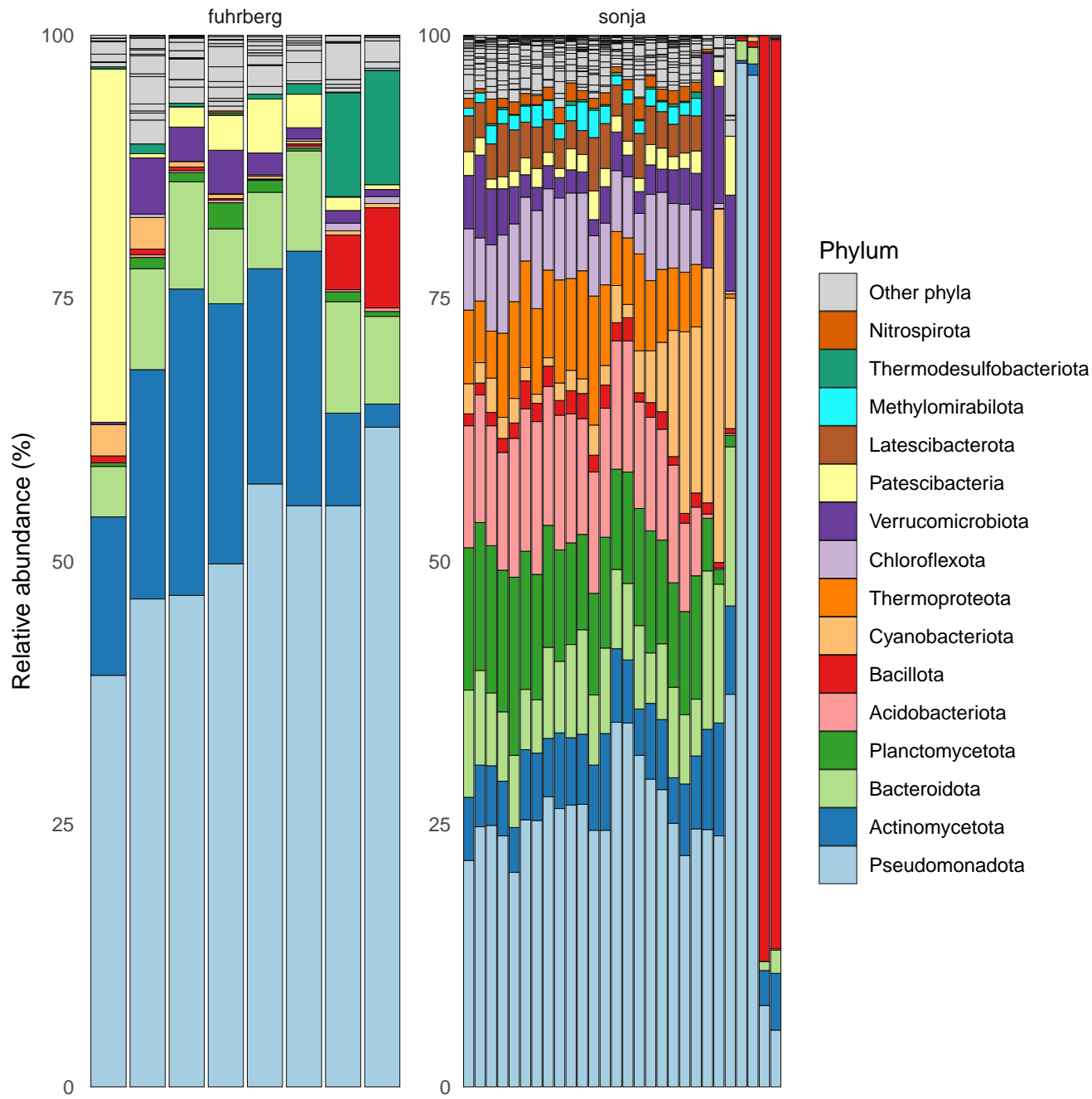
7500

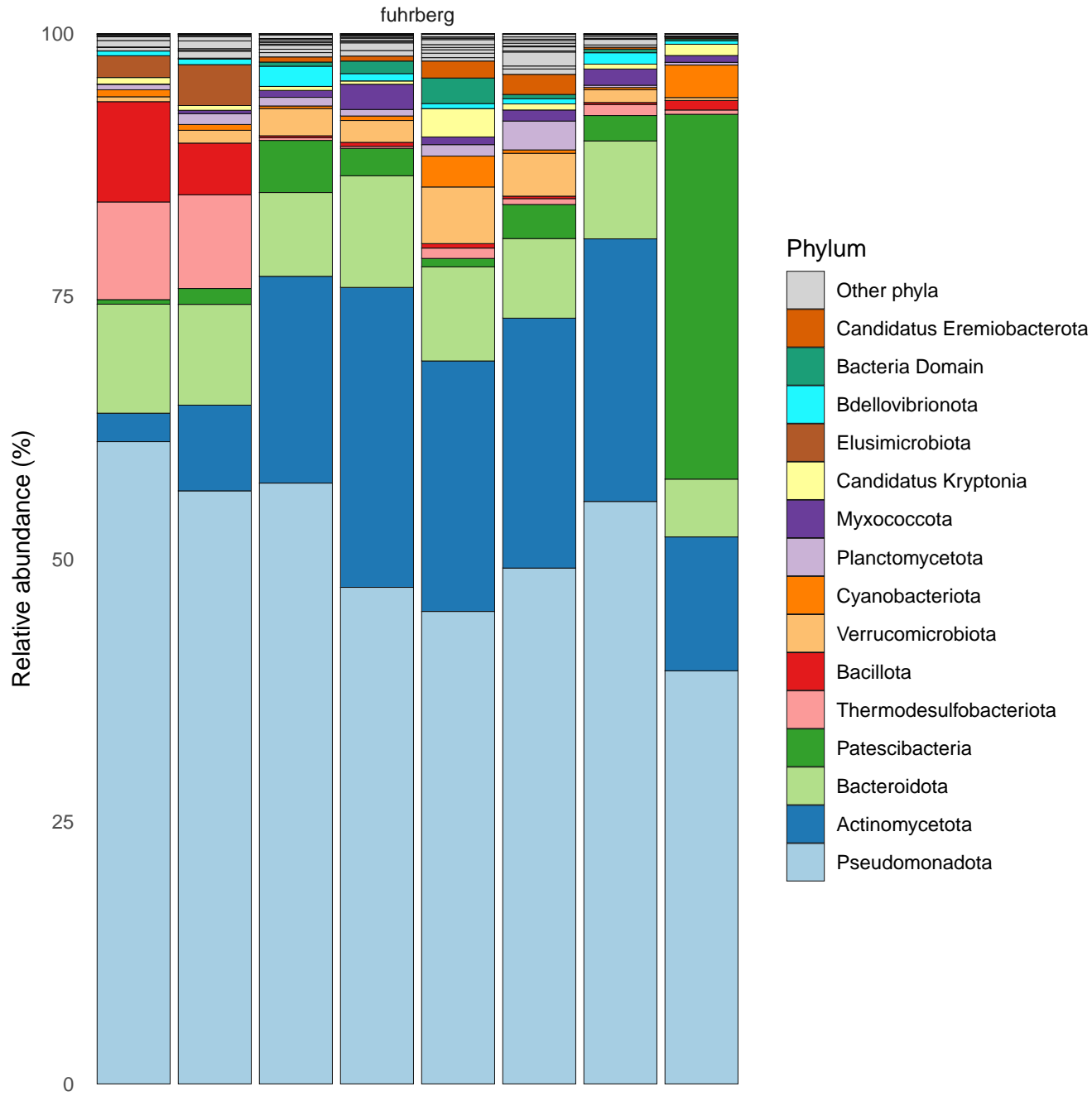
10000

Sequence count in sample

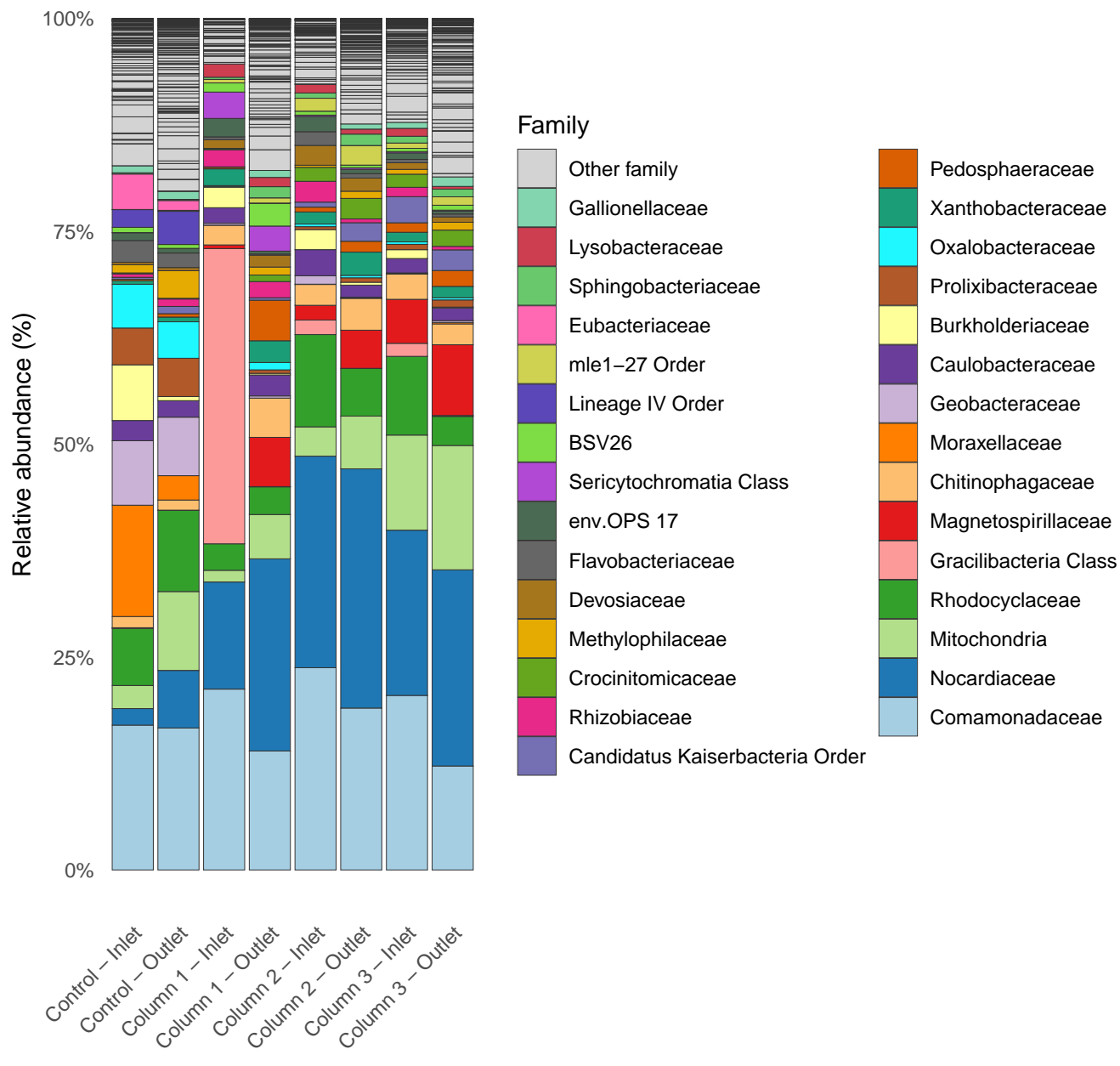








Community composition (Family)



Family

	Column 1		Column 2		Column 3		Column 4	
<i>Comamonadaceae</i>	21.25	13.98	23.76	19.02	20.51	12.22	17.02	16.69
<i>Nocardiaceae</i>	12.58	22.57	24.85	28.09	19.41	23.04	1.95	6.75
<i>Other family</i>	3.17	11.21	4.34	7.83	6.71	12.30	9.46	12.71
<i>Rhodocyclaceae</i>	3.11	3.25	10.84	5.61	9.25	3.41	6.70	9.55
<i>Gracilibacteria Class</i>	34.68	0.03	1.70	0.00	1.53	0.11	0.07	0.02
<i>Magnetospirillaceae</i>	0.43	5.78	1.73	4.48	5.17	8.31	0.02	0.00
<i>Chitinophagaceae</i>	2.32	4.61	2.45	3.75	2.98	2.45	1.31	1.19
<i>Geobacteraceae</i>	0.22	0.26	0.99	0.10	0.09	0.21	7.57	6.87
<i>Caulobacteraceae</i>	1.83	2.47	3.07	1.43	1.69	1.48	2.38	1.94
<i>Moraxellaceae</i>	0.00	0.00	0.03	0.02	0.03	0.17	13.07	2.86
<i>Burkholderiaceae</i>	2.41	0.19	2.35	0.33	1.04	0.11	6.54	0.48
<i>Xanthobacteraceae</i>	1.96	2.55	1.43	2.73	1.13	1.33	0.42	0.55
<i>Prolixibacteraceae</i>	0.09	0.41	0.34	0.52	0.63	0.84	4.32	4.50
<i>Oxalobacteraceae</i>	0.09	0.87	0.31	0.29	0.29	0.26	5.14	4.28
<i>Pedosphaeraceae</i>	0.19	4.76	0.56	1.27	1.11	1.87	0.17	0.40
<i>Candidatus Kaiserbacteria Order</i>	0.06	0.29	0.59	2.18	3.07	2.43	0.23	0.85
<i>Rhizobiaceae</i>	2.00	1.90	2.45	0.44	1.10	0.41	0.40	0.87
<i>Crocinitomicaceae</i>	0.13	0.77	1.64	2.42	1.54	1.91	0.12	0.08
<i>Devosiaceae</i>	1.02	1.39	2.32	1.54	0.78	0.62	0.28	0.37
<i>Methylophilaceae</i>	0.04	0.94	0.25	0.84	0.56	0.92	0.96	3.24
<i>Flavobacteriaceae</i>	0.33	0.14	1.61	0.52	0.40	0.34	2.56	1.71
<i>env.OPS 17</i>	2.17	0.34	1.80	0.51	0.76	0.34	0.91	0.55
<i>Sericytochromatia Class</i>	3.09	2.94	0.15	0.17	0.15	0.11	0.02	0.00
<i>mle1–27 Order</i>	0.41	0.61	1.52	2.30	0.63	0.99	0.02	0.12
<i>BSV26</i>	1.07	2.69	0.46	0.32	0.38	0.58	0.62	0.45
<i>Lineage IV Order</i>	0.00	0.02	0.00	0.00	0.00	0.00	2.08	3.90
<i>Lysobacteraceae</i>	1.56	1.09	0.99	0.59	0.93	0.32	0.00	0.02
<i>Sphingobacteriaceae</i>	0.26	1.31	0.62	1.33	0.79	0.90	0.15	0.12
<i>Eubacteriaceae</i>	0.00	0.00	0.00	0.00	0.00	0.00	4.16	1.15
<i>Gallionellaceae</i>	0.00	0.82	0.06	0.60	0.70	1.12	0.83	0.94
<i>Bacteria Domain</i>	0.19	2.43	0.34	1.19	0.40	0.41	0.00	0.05
<i>Eremiobacteria Class</i>	0.09	1.62	0.19	0.48	0.49	1.91	0.02	0.05
<i>Sporomusaceae</i>	0.72	0.00	0.00	0.00	0.00	0.00	2.58	1.32
<i>Bacteriovoracaceae</i>	0.30	0.34	1.02	0.54	1.86	0.34	0.08	0.00
<i>Paracoccaceae</i>	0.20	1.02	0.19	0.76	0.32	0.21	0.42	1.19
<i>Hydrogenophilaceae</i>	0.09	0.56	0.25	0.37	0.31	1.22	0.68	0.67
<i>Verrucomicrobiia Class</i>	0.07	0.17	0.56	0.44	1.19	1.27	0.07	0.30
<i>Acidaminobacteraceae</i>	0.00	0.00	0.00	0.00	0.00	0.00	1.90	1.44
<i>Sphingomonadaceae</i>	0.41	0.17	0.59	0.24	0.50	0.39	0.52	0.43
<i>Desulfuromonadaceae</i>	0.00	0.00	0.00	0.00	0.00	0.06	1.40	1.52
<i>Leptospiraceae</i>	0.09	0.32	0.22	0.52	0.41	0.47	0.17	0.62

Relative Abundance (%)



Column 1 – 0–4 cm

Column 1 – 4–8 cm

Column 2 – 0–4 cm

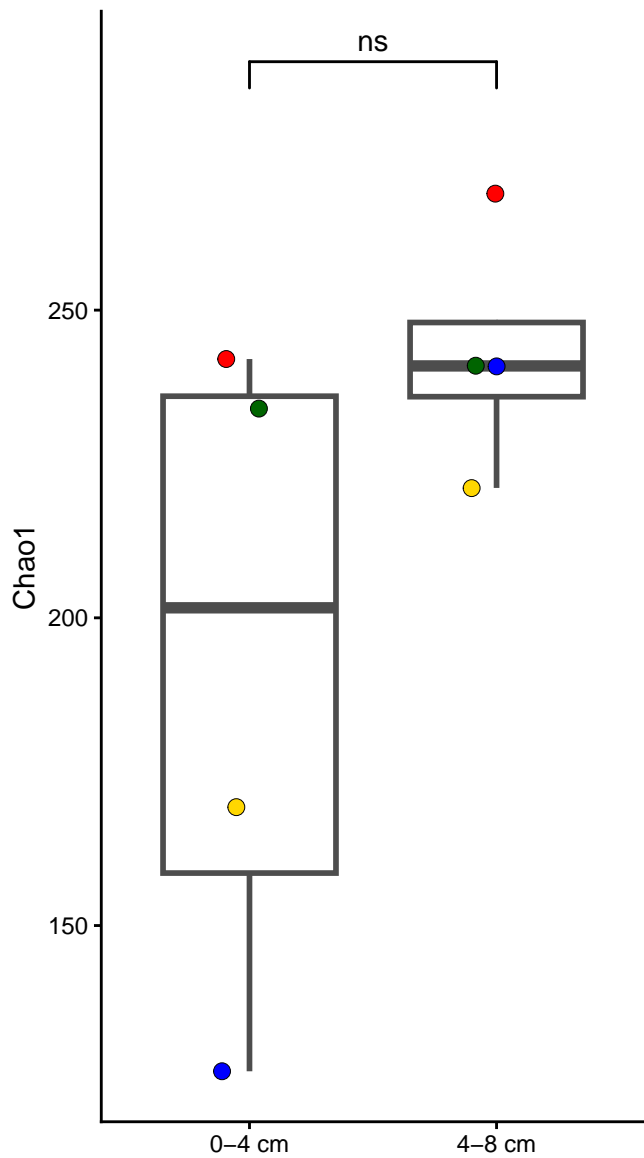
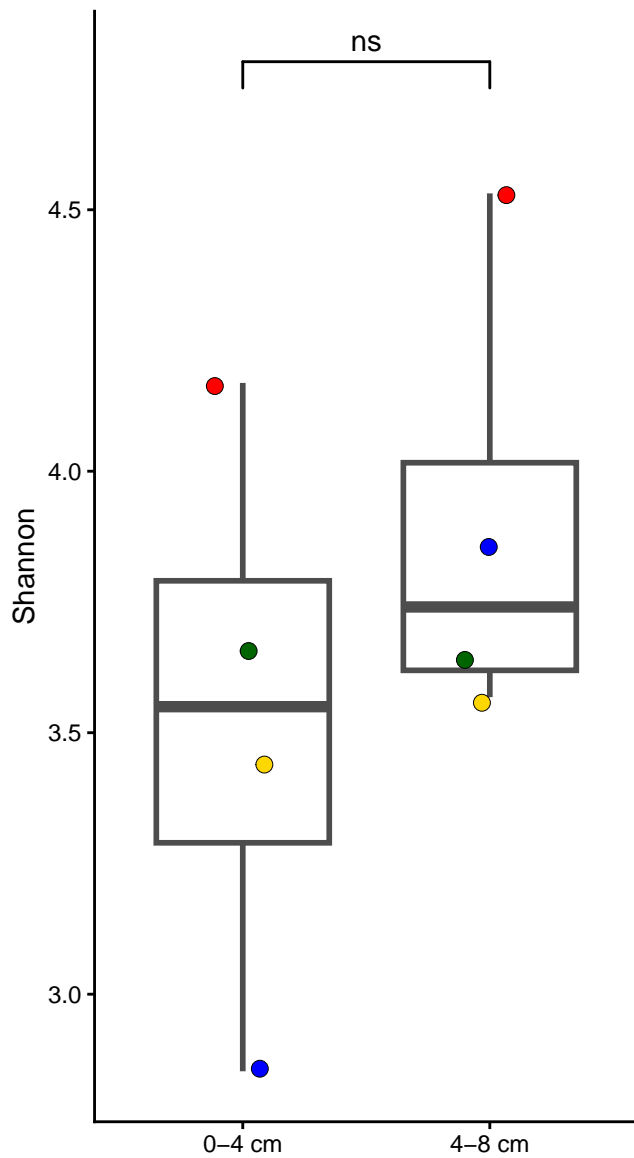
Column 2 – 4–8 cm

Column 3 – 0–4 cm

Column 3 – 4–8 cm

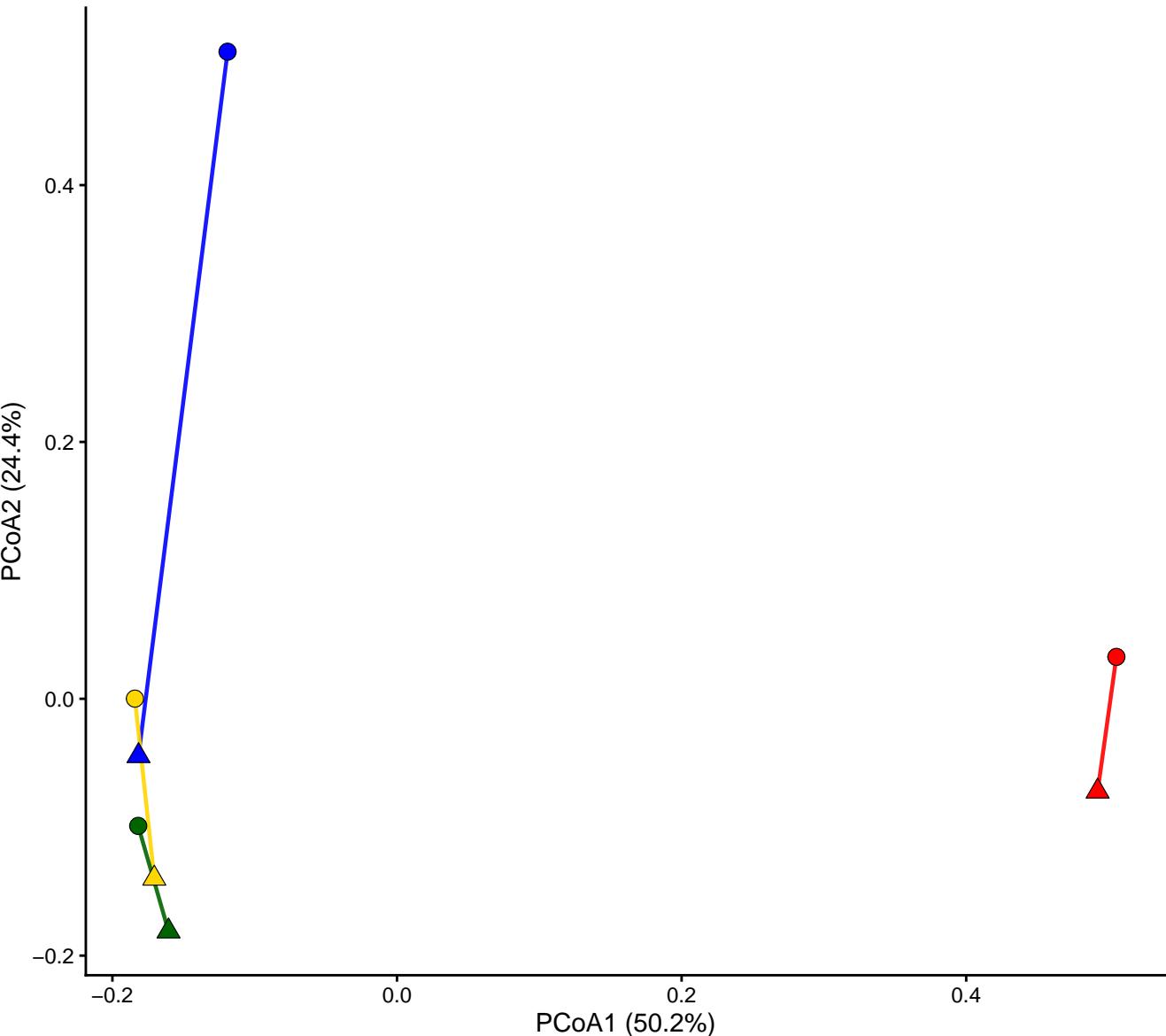
Column 4 – 0–4 cm

Column 4 – 4–8 cm



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

Beta diversity (Bray–Curtis PCoA)



○ 0-4 cm △ 4-8 cm ● Column 1 ● Column 2 ● Column 3 ● Column 4