

Suppl. 7: Abundance and statistical differences of different bacterial groups in faecal samples analysed with qPCR.

Abundance of different bacterial groups in faecal samples analysed with qPCR are reported as median values and range in FRE and HC dogs before and after the dietary trial. *P* values and adjusted *P* values with Bonferroni correction are reported. Significant results are in bold.

FRE, food-responsive enteropathy dog; *HC*, healthy control dogs; *Baseline*, before dietary trial with vegetable-diet; *After*, after 30 or 60 days of dietary trial with vegetable-diet; *Min.*, minimum; *Max.*, maximum.

Bacterial group	FRE Baseline	FRE After	HC Baseline	HC After	FRE Baseline		FRE Baseline		HC Baseline		FRE After	
					vs		vs		vs		vs	
					HC Baseline		FRE After		HC After		HC Baseline	
					<i>P</i> value	Adjusted <i>P</i> value	<i>P</i> value	Adjusted <i>P</i> value	<i>P</i> value	Adjusted <i>P</i> value	<i>P</i> value	Adjusted <i>P</i> value
Universal	11.7(11.5-12.0)	11.8(8.6-12.1)	11.7(8.2-12.3)	11.8(8.3-12.1)	0.9314	>0.999	0.6074	>0.999	0.7148	>0.999	0.5458	>0.999
<i>Faecalibacterium</i> spp.	6.6(4.4-7.5)	7.0(5.0-8.4)	7.1(6.3-8.0)	7.3(4.4-8.2)	0.0956	0.7648	0.084	0.672	0.0934	0.7472	0.5848	>0.999
<i>Turicibacter</i> spp.	5.1(3.4-8.5)	7.0(4.6-8.4)	6.7(5.7-7.9)	7.5(4.5-7.9)	0.0841	0.6728	0.3223	>0.999	0.4631	>0.999	0.7088	>0.999
<i>Streptococcus</i> spp.	5.9(5.2-8.9)	8.1(5.1-9.0)	8.0(5.5-8.6)	8.0(6.0-9.1)	0.2125	>0.999	0.0273	0.2184	0.2166	>0.999	0.2847	>0.999
<i>E. coli</i>	8.5(4.2-9.1)	7.0(5.2-8.2)	6.9(4.0-8.4)	6.9(4.3-8.7)	0.026	0.208	0.084	0.672	0.391	>0.999	0.7088	>0.999
<i>Blautia</i> spp.	9.1(6.7-9.6)	9.6(7.9-10.1)	9.6(8.2-10.1)	9.4(8.7-9.7)	0.0038	0.0304	0.0371	0.2968	0.1189	0.9512	0.9314	>0.999
<i>Fusobacterium</i> spp.	7.9(6.2-9.5)	8.5(6.3-9.5)	8.8(6.8-10.1)	8.6(7.2-9.7)	0.0956	0.7648	0.8457	>0.999	0.5416	>0.999	0.2591	>0.999
<i>Hiranonis</i> spp.	5.5(0.9-6.4)	5.7(0.9-6.3)	6.0(5.8-6.7)	5.9(5.4-6.4)	0.0155	0.124	0.625	>0.999	0.1937	>0.999	0.0185	0.148