ALL SAMPLES

Variable	Conditions:	p-value	R2	
Lactobacillus	bray, 999 permutations, compositional	0.001	0.04733006	
	bray, 999 permutations, clr	does not work as negative		
bifidobacterium	bray, 999 permutations, compositional	0.001	0.2083545	
Gentamycin	bray, 999 permutations, compositional	0.001	0.07089863	
sex	bray, 999 permutations, compositional	0.21	0.003584086	
Nutrition (full details)	bray, 999 permutations, compositional	0.001	0.1356851	check distribution of different milk types
Group	bray, 999 permutations, compositional	0.001	0.2622558	is location
archaea	bray, 999 permutations, compositional	0.017	0.01016993	
Nutrition (only FM, MM, mixed)	bray, 999 permutations, compositional	0.001	0.1176184	all samples

EARLY DATASET (tp3)

Variable	Conditions:	p-value	R2	
lactobacillus	bray, 999 permutations, compositional	0.007	0.0631141	
	bray, 999 permutations, clr			
bifidobacterium	bray, 999 permutations, compositional	0.001	0.1258109	
Gentamycin	bray, 999 permutations, compositional	0.003	0.07158291	
sex	bray, 999 permutations, compositional	0.883	0.007689912	
Nutrition (full details)	bray, 999 permutations, compositional	0.001	0.1887556	check distribution of different milk types
Group	bray, 999 permutations, compositional	0.001	0.2618448	is location
archaea	bray, 999 permutations, compositional	0.035	0.04554824	
Nutrition (only FM, MM, mixed)	bray, 999 permutations, compositional	0.001	0.1611184	early dataset (tp3)
Nutrition_bifidobacterium	bray, 999 permutations, compositional	0.001	0.3003471	
Nutrition_bifidobacterium_Gentamy	bray, 999 permutations, compositional	0.001	0.3429452	

LATE DATASET (tp7)

Variable	Conditions:	p-value	R2	
lactobacillus	bray, 999 permutations, compositional	0.002	0.139399	
	bray, 999 permutations, clr			
bifidobacterium	bray, 999 permutations, compositional	0.001	0.5715891	
Gentamycin	bray, 999 permutations, compositional	0.001	0.1908511	
sex	bray, 999 permutations, compositional	0.597	0.01053238	
Nutrition (full details)	bray, 999 permutations, compositional	0.001	0.3746231	check distribution of different milk types
Group	bray, 999 permutations, compositional	0.001	0.6762656	is location
archaea	bray, 999 permutations, compositional	0.584	0.01061263	
Nutrition (only FM, MM, mixed)	bray, 999 permutations, compositional	0.001	0.3566395	late dataset (tp 7)
Nutrition_lactobacillus	bray, 999 permutations, compositional	0.001	0.5792721	
Nutrition_bifidobacterium	bray, 999 permutations, compositional	0.001	0.6545865	
Nutrition_bifidobacterium_Gentamy	bray, 999 permutations, compositional	0.001	0.660657	