

Table 1. Bacterial taxa that differ between IBS (all subgroups) and healthy control

Y Variable	Group	Mean Abundance*	Std Dev.	Std Err.	N	P
OTU438	IBS	-2.611	0.945	0.127	55	0.04496
OTU438	HC	-2.097	0.63	0.157	16	0.04496
Roseburia_OTU30	IBS	-3.521	0.789	0.106	55	0.04906
Roseburia_OTU30	HC	-3.073	0.786	0.196	16	0.04906
Lactobacillus	IBS	-3.182	0.729	0.098	55	0
Lactobacillus	HC	-4.182	0.424	0.106	16	0
Streptococcus thermophilus	IBS	-2.343	0.699	0.094	55	0.03239
Streptococcus thermophilus	HC	-2.787	0.779	0.195	16	0.03239

*mean of log10-transformed relative abundances