

Suppl Table 1: Results of multivariate association analysis for treatment effect (Maaslin pipeline)

Phylum	Taxa	Treatment associated with taxa	P.value	Q.value	run
p__Firmicutes	f__Mogibacteriaceae	Biotherapy	0.000359741270482697	0.0553132572964705	run1
p__Firmicutes	g__Streptococcus	PPI	0.000366783096511355	0.0553132572964705	run1
p__Firmicutes	f__Enterococcaceae	Sulfasalazin	1.34486738472411e-09	2.13139257864025e-06	run1
p__Firmicutes	g__Enterococcus	Sulfasalazin	1.87393154770923e-06	0.00109507874819258	run1
p__Firmicutes	f__Enterococcaceae; Other	Sulfasalazin	2.67016541044497e-08	2.49660465876605e-05	run1
p__Firmicutes	Lactobacillales genus	Sulfasalazin	2.33173504410687e-09	2.72521533279991e-06	run1
p__Firmicutes	Lactobacillus reuteri	Sulfasalazin	1.03636026371382e-06	0.000692140604694585	run1
p__Actinobacteria	Bifidobacteriaceae genus	Sulfasalazin	5.1164257530005e-06	0.00183994541502133	run1
p__Actinobacteria	g__Atopobium	Sulfasalazin	7.52826452676122e-06	0.00227003536446873	run1
p__Firmicutes	f__Streptococcaceae; Other	Sulfasalazin	5.1164257530005e-06	0.00183994541502133	run1

taxa present in > 10% of the samples

taxa > 0.01% of the bacteria in the fecal samples

PPI: Proton pump inhibitor