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Table S18: Comparison of significantly negatively associated genera

Genera pairs	**correlation**	**p-value**	**p.adj.**
Bifidobacterium - Clostridium sensu stricto	-0.46	2.98E-39	2.42E-37
Bifidobacterium - Escherichia/Shigella	-0.26	1.59E-12	1.15E-10
Bifidobacterium - unclassified	-0.26	4.01E-12	2.83E-10
Bifidobacterium - Bacteroides	-0.23	9.58E-10	5.79E-08
Bifidobacterium - Enterococcus	-0.21	1.27E-08	7.09E-07
Bifidobacterium - Enterobacter	-0.19	3.71E-07	1.76E-05
Bifidobacterium - Clostridium XlVa	-0.18	8.83E-07	3.91E-05
Bifidobacterium - Clostridium XVIII	-0.18	1.89E-06	8.05E-05
Bifidobacterium - Veillonella	-0.17	3.83E-06	0.0002
Bifidobacterium - Streptococcus	-0.17	5.28E-06	0.0002
Bacteroides - Clostridium sensu stricto	-0.16	1.42E-05	0.0006
Bifidobacterium - Haemophilus	-0.15	3.39E-05	0.0013
Bifidobacterium - Staphylococcus	-0.14	0.0002	0.0074
Bifidobacterium - Clostridium XI	-0.13	0.0003	0.0123
Bifidobacterium - Flavonifractor	-0.13	0.0008	0.0232
Bacteroides - unclassified	-0.12	0.0012	0.0361