Supplemental Digital Content 5.

TABLE S5. Significant correlations between psychological and IBS symptom-related variables and bacterial abundances		
	ρ	q
Anxiety		
Anaerotruncus (g)	0.65	0.001**
Depression		
Lachnospiraceae (f)	-0.58	0.018*
Unclassified Roseburia (s)	-0.59	0.018*
Unclassified Blautia (s)	-0.58	0.018*
Unclassified Faecalibacterium (s)	0.58	0.018*
Unclassified Coprococcus (s)	0.56	0.018*
Unclassified Lachnospiraceae_08 (s)	0.56	0.018*
Unclassified Fusicatenibacter (s)	-0.56	0.018*
Unclassified Pseudobutyrivibrio (s)	-0.55	0.022*
IBS severity		
Ruminococcus (g)	0.62	0.005**
Coprococcus (g)	0.59	0.013*
Letters in brackets indicate the phylogenetic level. (f) indicates an OTU on family level, (g) genus level, (s) species level. Spearman's ρ rank correlation coefficient and q values (p-values corrected for multiple comparisons by Benjamini & Hochberg's method), *< 0.05, **< 0.01		