

Supplementary Material

Tannin-based supplementation influences gut microbiota composition and activity in IBS-D patients with a potential impact on symptoms: A pilot study.

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Supplementary Figures

Clinic measure	log2FC	p.signif
Stress	-0,152	ns
Anxiety	-0,181	*
Depression	-0,209	*
Likert pain	-0,380	ns
Bristol	-0,428	****
IBSS	-0,434	***
Depositions frequency	-0,501	**
PHQ15	-0,507	***
Likert global	-0,592	**
Likert distension	-0,664	**

Figure S1 Evaluation of clinical variables indices evaluated with different questionnaires. The variation is represented as log2FC between the subjects after and before the 8-week supplementation. Statistical significance represented as *, ** and *** indicates significant differences by Wilcoxon signed-rank test: $p < 0.05$, * $p < 0.01$ and ** $p < 0.001$.

Table S1 Differential abundance ANCOMBC test at phylum, genus and species level are represented in each sheet, respectively. Each row shows for a specific taxon the outcome of ANCOM-BC differential abundance test, including p-value, adj. p-value, T0 mean relative abundance, TF, mean relative abundance and log2FC (log2 Fold Change). Only adj p-value<0.05 are considered as significant.