

Additional File 1: Correlation between IBDQ items / domains and the total fatigue score by Pearson's correlation coefficient

IBDQ item / domain	Total Fatigue Score Value							
	Crohn's disease				Ulcerative colitis			
	N	Pearson Correlation	p-value*	R ² -value	N	Pearson Correlation	p-value*	R ² -value
Item 1 stool frequency	112	-0.356	0.001	0.127	76	-0.203	0.078	0.041
Item 2 tired / worn out	113	-0.750	0.001	0.563	76	-0.717	0.001	0.514
Item 3 frustrated / impatient	113	-0.603	0.001	0.364	76	-0.581	0.001	0.338
Item 4 work / school	113	-0.404	0.001	0.163	76	-0.455	0.001	0.207
Item 5 loose stools	113	-0.396	0.001	0.157	76	-0.140	0.229	0.020
Item 6 energy	112	-0.641	0.001	0.411	76	-0.655	0.001	0.429
Item 7 worried about surgery	113	-0.218	0.020	0.046	76	-0.223	0.053	0.050
Item 8 cancel social engagement	113	-0.435	0.001	0.189	76	-0.455	0.001	0.207
Item 9 abdominal cramps	112	-0.522	0.001	0.272	76	-0.354	0.002	0.125
Item 10 generally unwell	112	-0.613	0.001	0.376	75	-0.561	0.001	0.315
Item 11 fear of not finding a toilet	112	-0.508	0.001	0.258	75	-0.290	0.012	0.084
Item 12 leisure or sports activities	112	-0.612	0.001	0.375	75	-0.542	0.001	0.294
Item 13 abdominal pain	113	-0.585	0.001	0.342	76	-0.455	0.001	0.207
Item 14 sleeping disturbance	113	-0.477	0.001	0.228	76	-0.357	0.002	0.127
Item 15 depressed/discouraged	113	-0.653	0.001	0.426	76	-0.686	0.001	0.471
Item 16 avoid events without toilet	113	-0.440	0.001	0.194	76	-0.397	0.001	0.158
Item 17 passing gas	113	-0.445	0.001	0.198	76	-0.127	0.275	0.016
Item 18 weight problems	113	-0.313	0.001	0.098	76	-0.245	0.033	0.060
Item 19 disease-related worries	113	-0.434	0.001	0.188	76	-0.367	0.001	0.135
Item 20 abdominal bloating	113	-0.549	0.001	0.301	76	-0.239	0.038	0.057
Item 21 relaxed/free of tension	113	-0.620	0.001	0.384	76	-0.465	0.001	0.216
Item 22 rectal bleeding	113	-0.176	0.063	0.031	76	-0.214	0.064	0.046
Item 23 embarrassed	113	-0.476	0.001	0.227	76	-0.425	0.001	0.181
Item 24 feeling of defecation need	113	-0.508	0.001	0.258	76	-0.331	0.003	0.110
Item 25 tearful or upset	113	-0.619	0.001	0.383	76	-0.607	0.001	0.368
Item 26 soiling	113	-0.458	0.001	0.210	76	-0.201	0.082	0.040
Item 27 angry	113	-0.489	0.001	0.240	76	-0.317	0.005	0.100
Item 28 sexual activity	113	-0.439	0.001	0.193	76	-0.382	0.001	0.146
Item 29 sick to your stomach	113	-0.438	0.001	0.192	76	-0.322	0.005	0.104
Item 30 irritable	113	-0.490	0.001	0.240	76	-0.550	0.001	0.303
Item 31 lack of understanding	113	-0.454	0.001	0.206	76	-0.494	0.001	0.244
Item 32 satisfaction with personal life	112	-0.628	0.001	0.394	76	-0.531	0.001	0.282
Bowel symptoms domain	111	-0.652	0.001	0.425	76	-0.372	0.001	0.138
Systemic symptoms domain	111	-0.726	0.001	0.527	75	-0.682	0.001	0.465
Emotional function domain	111	-0.709	0.001	0.503	75	-0.603	0.001	0.364
Social function domain	112	-0.595	0.001	0.354	76	-0.563	0.001	0.317
IBDQ total score	111	-0.745	0.001	0.555	76	-0.597	0.001	0.356

*= significant for all p<0.05