

Supplementary Table 1. Correlation between Different Components of the Inflammatory Bowel Disease (IBD)-Disk and IBD Daily Life Burden Score, Stratified by Sex

Variable	All patients (n = 546)				Ulcerative colitis (n = 464)				Crohn's disease (n = 82)			
	Male Spearman's rho (n = 282)	Female Spearman's rho (n = 264)	z statistic	P-value	Male Spearman's rho (n = 236)	Female Spearman's rho (n = 228)	z statistic	P-value	Male Spearman's rho (n = 46)	Female Spearman's rho (n = 36)	z statistic	P-value
Abdominal pain	0.45	0.58	-2.03	0.02	0.44	0.58	-2.10	0.02	0.55	0.57	-0.15	0.44
Joint pain	0.41	0.43	-0.24	0.40	0.41	0.45	-0.61	0.27	0.42	0.25	0.85	0.20
Sexual functions	0.14	0.11	0.35	0.36	0.15	0.11	0.44	0.33	NR ^a	NR ^a	NR ^a	NR ^a
Body image	0.61	0.60	0.20	0.42	0.61	0.60	0.19	0.43	0.61	0.62	-0.10	0.46
Emotions	0.76	0.83	-2.25	0.01	0.76	0.84	-2.53	0.01	0.78	0.74	0.43	0.33
Energy	0.73	0.78	-1.30	0.10	0.74	0.79	-1.14	0.13	0.67	0.69	-0.22	0.41
Sleep	0.58	0.56	0.38	0.35	0.58	0.56	0.29	0.39	0.55	0.53	0.11	0.46
Education & work	0.70	0.77	-1.70	0.05	0.68	0.77	-2.01	0.02	0.80	0.77	0.41	0.34
Interpersonal interactions	0.44	0.55	-1.62	0.05	0.48	0.55	-1.11	0.13	0.26	0.55	-1.50	0.07
Regulating defecation	0.58	0.58	0.03	0.48	0.58	0.57	0.11	0.46	0.63	0.66	-0.24	0.41
IBD-disk total score	0.93	0.94	-1.06	0.14	0.93	0.94	-1.06	0.15	0.93	0.95	-0.79	0.22

^aAll the patients reported a score of 0, hence no correlation coefficient value reported.