

Supplementary Table 1. Multiple Linear Regression Analysis to Identify Factors Associated with General Health-Related Quality of Life

SF 12

Variable	PF		RP		BP		GH		VT		SF		RE		MH	
	β	p-value	β	p-value	β	p-value	β	p-value	β	p-value	β	p-value	β	p-value	β	p-value
HADS-D ≥ 11	-17.9	<0.001	-15.3	<0.001	-18.1	<0.001	-10.8	0.010	-19.2	<0.001	-21.7	<0.001	-16.2	<0.001	-13.5	<0.001
HADS-A ≥ 11	-17.1	0.003	-20.5	<0.001	-25.3	<0.001	-10.6	0.021	-21.9	<0.001	-26.5	<0.001	-25.4	<0.001	-27.2	<0.001
Hemoglobin, g/dL	1.8	0.082	-	-	-	-	1.5	0.065	-	-	-	-	2.1	0.025	-	-
ESR, mm/hr	-0.2	0.074	-	-	-	-	-	-	-0.2	0.007	-0.2	0.015	-	-	-	-
CRP, mg/dL	-0.5	0.058	-	-	-0.3	0.157	-	-	-	-	-	-	-	-	-	-
Albumin, g/dL	-	-	9.9	0.002	4.3	0.164	-	-	-	-	7.0	0.019	-	-	-	-
WBC, $10^3/\mu\text{L}$	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease severity*	-2.4	0.061	-	-	-2.7	0.018	-1.5	0.162	-3.0	0.006	-3.6	0.002	-	-	-2.5	0.001
Disease extent [†]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Left-sided	-	-	-6.3	0.300	-0.4	0.949	-	-	-	-	-	-	-7.1	0.265	-	-
Extensive	-	-	-16.4	0.010	-12.6	0.029	-	-	-	-	-	-	-15.6	0.016	-	-
Symptoms [‡]	-	-	0.1	0.064	-	-	-	-	-	-	-	-	-	-	-	-
Comorbidity [§]	-8.1	0.026	-	-	-	-	-4.4	0.135	-	-	-	-	-	-	-	-
Alcohol: current	9.7	0.040	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BMI, <18.5 kg/m ²	-	-	-13.0	0.017	-	-	-	-	-	-	-15.8	0.002	-	-	-	-

SF 12, 12-Item Short Form; PF, physical functioning; RP, role-physical; BP, body pain; GH, general health; VT, vitality; SF, social functioning; RE, role-emotional; MH, mental health; HADS-D, Hospital Anxiety and Depression Scale-Depression; HADS-A, HADS-Anxiety; ESR, erythrocyte sedimentation rate; CRP, C-reactive protein; WBC, white blood cell; BMI, body mass index.

*Severity measured by the Mayo score; [†]Extent measured by Montreal classification; [‡]Time between the first development of disease-related symptoms and ulcerative colitis diagnosis; [§]Charlson's comorbidity index. Reference variables: HADS-D/A (<11), disease severity (moderate); disease extent (E1); disease severity by endoscopy (moderate); alcohol (no).