

**Supplementary Table 3.** Risk Factors for Mucosal Healing in Patients with Ulcerative Colitis

Variable	Univariate regression		Multivariate regression	
	HR (95% CI)	P-value	HR (95% CI)	P-value
Sex				
Male	Reference		Not included	
Female	1.094 (0.862–1.388)	0.459		
Age at diagnosis				
≤ 16 yr	Reference		Not included	
17–40 yr	1.022 (0.543–1.923)	0.946		
> 40 yr	0.877 (0.356–2.157)	0.774		
Montreal classification				
E1	Reference		Reference	
E2	0.597 (0.448–0.797)	<0.001	0.571 (0.427–0.763)	<0.001
E3	0.554 (0.417–0.736)	<0.001	0.515 (0.386–0.687)	<0.001
Baseline endoscopic activity				
Mild	Reference		Not included	
Moderate	0.822 (0.634–1.225)	0.453		
Severe	0.965 (0.680–1.367)	0.839		
Clinical classification				
Initial onset	Reference		Reference	
Chronic relapse	0.722 (0.551–0.948)	0.019	0.795 (0.604–1.047)	0.102
Family history				
No	Reference		Not included	
Yes	1.403 (0.579–3.401)	0.453		
Smoking				
No	Reference		Not included	
Current smoker	0.951 (0.653–1.383)	0.791		
Former smoker	0.574 (0.143–2.307)	0.434		
Use of glucocorticoids at diagnosis				
No	Reference		Not included	
Yes	0.852 (0.653–1.111)	0.237		
Use of biologics within 1 yr after diagnosis				
No	Reference		Reference	
Yes	1.877 (1.210–2.914)	0.005	1.792 (1.139–2.820)	0.012
Cohort				
2007–2011	Reference		Reference	
2012–2016	2.036 (1.271–3.263)	0.003	1.876 (1.164–3.026)	0.010
2017–2021	3.473 (2.125–5.678)	<0.001	3.166 (1.922–5.216)	<0.001

HR, hazard ratio; CI, confidence interval.