

**Supplementary Table 2.** Risk of All Malignancies by Use of Statin, Metformin, and Aspirin in Male Patients Diagnosed with Ulcerative Colitis

	No. of incident cases/patients (%)	Unadjusted		Adjusted for age		Adjusted for age, sex, comorbidity, and ulcerative colitis treatment group	
		Crude HR (95% CI)	P-value	Adjusted HR (95% CI)	P-value	Adjusted HR (95% CI)	P-value
Statin	No	444/16,728 (2.75)	Reference	Reference	0.240	Reference	0.004
	Yes	166/4,640 (3.58)	1.885 (1.576–2.255)	0.895 (0.743–1.077)		0.723 (0.579–0.902)	
	No	444/16,728 (2.65)	Reference	Reference	0.588	Reference	0.023
	Duration ≤ 1 yr	60/1,503 (3.99)	1.707 (1.305–2.233)	0.928 (0.707–1.218)	0.591	0.817 (0.618–1.081)	0.157
	Duration > 1 to 3 yr	51/1,467 (3.48)	1.782 (1.331–2.386)	0.856 (0.637–1.150)	0.301	0.660 (0.477–0.912)	0.012
	Duration > 3 to 5 yr	33/829 (3.98)	2.433 (1.708–3.465)	1.030 (0.720–1.474)	0.869	0.757 (0.515–1.114)	0.158
Metformin	Duration > 5 yr	22/841 (2.62)	2.074 (1.346–3.198)	0.746 (0.482–1.155)	0.188	0.533 (0.333–0.853)	0.009
	No	528/19,616 (2.69)	Reference	Reference	0.937	Reference	0.316
	Yes	82/1,752 (4.68)	2.108 (1.669–2.663)	1.010 (0.795–1.282)		0.853 (0.626–1.164)	
	No	528/19,616 (2.69)	Reference	Reference	0.250	Reference	0.182
	Duration ≤ 1 yr	30/410 (7.32)	2.670 (1.849–3.856)	1.321 (0.910–1.917)	0.143	1.106 (0.742–1.648)	0.621
	Duration > 1 to 3 yr	28/503 (5.57)	2.211 (1.514–3.228)	1.123 (0.766–1.647)	0.553	0.922 (0.598–1.422)	0.713
Aspirin	Duration > 3 to 5 yr	11/328 (3.35)	1.545 (0.854–2.797)	0.733 (0.405–1.327)	0.305	0.602 (0.322–1.126)	0.112
	Duration > 5 yr	13/511 (2.54)	1.644 (0.946–2.855)	0.699 (0.400–1.221)	0.208	0.570 (0.315–1.032)	0.063
	No	463/19,080 (2.43)	Reference	Reference	0.224	Reference	0.900
	Yes	147/2,288 (6.42)	3.006 (2.496–3.621)	1.132 (0.927–1.382)		0.986 (0.791–1.229)	
	No	463/19,080 (2.43)	Reference	Reference	0.043	Reference	0.032
	Duration ≤ 1 yr	81/1,078 (7.51)	3.292 (2.600–4.169)	1.389 (1.087–1.775)	0.009	1.242 (0.969–1.593)	0.087
	Duration > 1 to 3 yr	33/543 (6.08)	2.571 (1.807–3.659)	0.908 (0.634–1.301)	0.600	0.744 (0.509–1.087)	0.126
	Duration > 3 to 5 yr	21/309 (6.80)	3.414 (2.210–5.276)	1.128 (0.722–1.762)	0.596	0.912 (0.573–1.453)	0.699
	Duration > 5 yr	12/358 (3.35)	2.259 (1.273–4.006)	0.697 (0.389–1.249)	0.225	0.555 (0.306–1.006)	0.053

HR, hazard ratio; CI, confidence interval.