

Supplementary Table 3. Risk of All Malignancies by Use of Statin, Metformin, and Aspirin in Female 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	364/11,106 (3.28)	Reference	Reference	Reference	Reference	Reference
	Yes	112/2,715 (4.13)	1.751 (1.416–2.166)	0.999 (0.795–1.256)	0.995	0.883 (0.678–1.150)	0.357
	No	364/11,106 (3.28)	Reference	Reference	0.825	Reference	0.498
	Duration ≤ 1 yr	48/915 (5.25)	1.785 (1.322–2.412)	1.095 (0.805–1.489)	0.564	1.012 (0.739–1.387)	0.940
	Duration > 1 to 3 yr	35/806 (4.34)	1.715 (1.213–2.425)	0.979 (0.686–1.396)	0.905	0.815 (0.551–1.206)	0.307
Metformin	Duration > 3 to 5 yr	14/511 (2.74)	1.453 (0.852–2.479)	0.758 (0.438–1.309)	0.320	0.620 (0.349–1.103)	0.104
	Duration > 5 yr	15/483 (3.11)	2.140 (1.274–3.594)	1.043 (0.612–1.776)	0.877	0.863 (0.497–1.500)	0.603
	No	442/13,131 (3.37)	Reference	Reference	0.955	Reference	0.894
Aspirin	Yes	34/690 (4.93)	1.775 (1.254–2.513)	1.010 (0.708–1.443)	0.939	0.973 (0.655–1.447)	0.915
	No	442/13,131 (3.37)	Reference	Reference	0.868	Reference	0.848
	Duration ≤ 1 yr	12/198 (6.06)	1.879 (1.061–3.327)	1.051 (0.588–1.879)	0.510	1.059 (0.592–1.892)	0.421
	Duration > 1 to 3 yr	8/182 (4.40)	1.336 (0.665–2.681)	0.788 (0.389–1.599)	0.681	0.739 (0.353–1.545)	0.674
	Duration > 3 to 5 yr	7/119 (5.88)	2.108 (1.002–4.435)	1.169 (0.555–2.466)	0.710	1.183 (0.541–2.584)	0.999
Aspirin	Duration > 5 yr	7/191 (3.66)	2.032 (0.962–4.295)	1.153 (0.545–2.439)	0.670	1.001 (0.454–2.207)	0.745
	No	408/12,651 (3.23)	Reference	Reference	0.760	Reference	0.880
	Yes	68/1,170 (5.81)	1.989 (1.540–2.569)	1.062 (0.804–1.404)	0.860	0.953 (0.712–1.275)	0.813
	No	408/12,651 (3.23)	Reference	Reference	0.316	Reference	0.854
	Duration ≤ 1 yr	35/665 (5.26)	1.791 (1.270–2.526)	1.033 (0.722–1.478)	0.430	0.957 (0.664–1.378)	0.305
Aspirin	Duration > 1 to 3 yr	20/223 (8.97)	2.540 (1.620–3.983)	1.271 (0.795–2.032)	0.707	1.047 (0.641–1.712)	0.901
	Duration > 3 to 5 yr	6/123 (4.88)	1.548 (0.689–3.479)	0.718 (0.315–1.635)		0.653 (0.290–1.473)	
	Duration > 5 yr	7/159 (4.40)	2.415 (1.153–5.060)	1.154 (0.548–2.429)		1.049 (0.493–2.234)	

HR, hazard ratio; CI, confidence interval.