

Supplementary Table S1. Regular aspirin use after diagnosis^a and colorectal cancer mortality according to tumor *MIR21* expression level among 579 patients with stage I to III colorectal cancer

	No. of cases	Colorectal cancer-specific mortality		Overall mortality			
		No. of events	Univariable HR (95% CI)	Multivariable HR (95% CI) ^b	No. of events	Univariable HR (95% CI)	Multivariable HR (95% CI) ^b
<i>MIR21</i> expression level							
<i>MIR21</i> low expression (quartiles 1 and 2)							
No aspirin use after diagnosis	187	22	1 (reference)	1 (reference)	74	1 (reference)	1 (reference)
Regular aspirin use after diagnosis	102	7	0.58 (0.25-1.37)	0.59 (0.25-1.39)	47	1.19 (0.82-1.71)	0.96 (0.66-1.38)
<i>MIR21</i> high expression (quartiles 3 and 4)							
No aspirin use after diagnosis	185	43	1 (reference)	1 (reference)	92	1 (reference)	1 (reference)
Regular aspirin use after diagnosis	105	23	1.05 (0.63-1.74)	1.12 (0.67-1.86)	54	1.24 (0.89-1.74)	1.05 (0.74-1.47)
	<i>P</i> _{interaction} ^c		0.31	0.20		0.90	0.91

Abbreviations: CI, confidence interval; HR, hazard ratio.

^a In the Nurses' Health Study, regular aspirin use was defined as the consumption of at least two tablets per week and no aspirin use was defined as consumption of fewer than 2 tablets per week. In the Health Professionals Follow-up Study, regular aspirin use was defined as the consumption of at least two times per week and no aspirin use was defined as consumption of fewer than 2 times per week.

^b The multivariable Cox regression model included sex, age, year of diagnosis, family history of colorectal cancer in parent or sibling, tumor location, tumor differentiation, microsatellite instability, CpG island methylator phenotype, *KRAS*, *BRAF*, and *PIK3CA* mutations, and LINE-1 methylation level.

^c *P*_{interaction} values (two-sided) were calculated by the Wald test on the cross-product term of tumor *MIR21* expression (ordinal quartile categories [1 to 4]) and regular aspirin use after diagnosis (regular aspirin use vs. no aspirin use) variables in the Cox regression model.