

**S3 Table.** Univariable Cox Proportional Hazard Model for Survival After Recurrence in Each Cohort

	Y-cohort		S-cohort	
	HR (95% CI)	p-value	HR (95% CI)	p-value
<b>Age</b>	1.011 (1.002-1.019)	0.011	1.003 (0.994-1.012)	0.578
<b>Sex</b>		0.853		0.278
Male	1		1	
Female	1.019 (0.832-1.250)		1.131 (0.906-1.411)	
<b>Serosa invasion</b>		0.031		0.007
Negative	1		1	
Positive	1.279 (1.023-1.600)		1.367 (1.088-1.717)	
<b>LN metastasis</b>		0.093		0.609
Negative	1		1	
Positive	1.370 (0.949-1.977)		0.907 (0.623-1.320)	
<b>TNM stage</b>		0.005		0.218
II	1		1	
III	1.459 (1.124-1.893)		1.154 (0.919-1.449)	
<b>Lauren classification</b>		0.004		< 0.001
Intestinal	1		1	
Diffuse/mixed	1.352 (1.102-1.658)		1.601 (1.281-2.001)	
<b>Tumor location</b>		0.418		0.304
UB/whole	1		1	
MB/LB	1.110 (0.862-1.429)		1.173 (0.865-1.590)	
<b>MSI/MMR</b>		0.032		0.777
MSS/pMMR	1		1	
MSI-H/dMMR	1.544 (1.038-2.298)		0.950 (0.667-1.354)	
<b>Adjuvant CTx</b>		0.834		0.124
No	1		1	
Yes	0.974 (0.763-1.244)		0.842 (0.675-1.049)	
<b>Interval to recurrence</b>		0.011		< 0.001
< 1 yr	1		1	
≥ 1 yr, < 2 yr	0.781 (0.623-0.981)	0.033	0.746 (0.573-0.970)	0.029
≥ 2 yr	0.712 (0.559-0.907)	0.006	0.595 (0.458-0.773)	< 0.001
<b>Type of recurrence</b>		<0.001		0.005
Locoregional	1		1	
Hematogenous	1.024 (0.744-1.410)	0.882	1.008 (0.693-1.464)	0.968
Peritoneum	1.517 (1.149-2.004)	0.003	1.341 (0.976-1.841)	0.07
Any combination	1.455 (1.050-2.017)	0.024	1.754 (1.215-2.533)	0.003
Krukenberg only	0.594 (0.354-0.998)	0.049	0.720 (0.287-1.806)	0.484
<b>CTx after recurrence</b>		<0.001		< 0.001
No	1		1	

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Yes	0.273 (0.215-0.347)	0.469 (0.373-0.590)
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HR, hazard ratio; CI, confidence interval; LN, lymph node; UB, upper body; MB, mid-body; LB, lower body; MSI, microsatellite instability; MMR, mismatch repair; MSS, microsatellite stable; pMMR, proficient mismatch repair; MSI-H, microsatellite instability high; dMMR, deficient mismatch repair; CTx, chemotherapy.