

**Supplementary Table 1.** Cox proportional hazard model for time to readmission after low anterior resection

Variable	No.	Event	Univariable		Multivariable	
			HR (95% CI)	P-value	HR (95% CI)	P-value
Age (yr)						
<65	331	69	1 (Ref)			
≥65	239	57	1.192 (0.839–1.692)	0.327		
Sex						
Male	370	81	1 (Ref)			
Female	200	45	1.055 (0.733–1.519)	0.772		
Body mass index	570	126	0.971 (0.919–1.026)	0.300		
ASA PS classification						
I–II	555	124	1 (Ref)			
III	15	2	0.557 (0.138–2.251)	0.411		
Comorbidity						
No	241	45	1 (Ref)			
Yes	329	81	1.378 (0.957–1.985)	0.084		
Previous abdominal surgery						
No	426	96	1 (Ref)			
Yes	144	30	0.934 (0.620–1.408)	0.745		
Surgical approach						
Laparoscopic	524	111	1 (Ref)			
Open	46	15	1.641 (0.957–2.814)	0.072		
Operation time (10 min)	570	126	1.018 (1.002–1.033)	0.024		
Blood loss (mL)						
<400	479	97	1 (Ref)		1 (Ref)	
≥400	91	29	1.688 (1.115–2.557)	0.013	1.600 (1.056–2.425)	0.027
Neoadjuvant CRT						
No	360	80	1 (Ref)			
Yes	210	46	0.995 (0.692–1.430)	0.978		
Postoperative CTx						
No	221	27	1 (Ref)			
Yes	349	99	2.409 (1.574–3.687)	<0.001	2.358 (1.54–3.611)	<0.001
Stage						
1	180	29	1 (Ref)	0.063		
2	145	31	1.358 (0.819–2.254)	0.236		
3	214	55	1.646 (1.05–2.581)	0.030		
4	31	11	2.286 (1.142–4.577)	0.020		
Length of stay (day)	570	126	1.015 (0.993–1.038)	0.172		
Ileostomy						
No	213	40	1 (Ref)			
Yes	357	86	1.34 (0.921–1.950)	0.126		

HR, hazard ratio; CI, confidence interval; Ref, reference; ASA, American Society of Anaesthesiologists; PS, physical status; CRT, chemoradiotherapy; CTx, chemotherapy.