

**S3 Table.** Univariate Cox regression analysis for 5-year overall survival

Characteristic	No. (n=562)	Univariate	
		HR (95% CI)	p-value
Age (yr)			
< 50	328	1 (reference)	0.294
≥ 50	234	0.572 (0.201-1.623)	
Invasion depth (cm)			
≤ 1	427	1 (reference)	< 0.001
> 1	135	7.938 (2.830-22.268)	
Tumor size (cm)			
< 2	249	1 (reference)	0.379
≥2 and <4	244	1.736 (0.508-5.932)	
≥ 4	69	6.394 (1.871-21.844)	
Histologic type			
Squamous cell	368	1 (reference)	< 0.001
Adenocarcinoma	158	2.191 (0.736-6.522)	
Adenosquamous	24	2.220 (0.273-18.046)	
Others	12	26.830 (7.795-92.340)	
Lympho-vascular space invasion			
Negative	351	1 (reference)	0.001
Positive	211	8.742 (2.531-30.201)	
Resection margin			
Negative	529	1 (reference)	0.011
Positive	33	4.230 (1.392-12.853)	
Lymph node metastasis			
Negative	500	1 (reference)	0.004
Positive	62	4.262 (1.599-11.357)	
Dissected lymph node			
≤ 20	317	1 (reference)	0.052
> 20	245	2.789 (0.993-7.830)	
Operation type			
Open surgery	280	1 (reference)	0.944
Minimally invasive surgery	282	1.034 (0.407-2.629)	
FIGO stage			
IA	52	1 (reference)	0.119
IB1	411	0.999 (0.122-7.987)	
IB2-IIA	96	5.166 (0.654-40.784)	
Learning curve			
P1	254	1 (reference)	0.027
P2	308	0.317 (0.114-0.880)	
Postoperative adjuvant treatment			
No	375	1 (reference)	0.002
Yes	187	5.214 (1.859-14.626)	

CI, confidence interval; FIGO, International Federation of Gynecology and Obstetrics; HR, hazard ratio.