

Supplementary Table 4. Risk factors associated with pelvic recurrence-free survival

Variable	Univariable analysis		Multivariable analysis	
	HR	P-value	HR (95% CI)	P-value
Age (yr)		0.553		
<59	1			
≥59	0.79			
Sphincter-saving resection		0.285		
No	1			
Yes	0.62			
Initial clinical T stage		0.496		
cT0–2	1			
cT3, 4	21.39			
Initial clinical N stage		0.360		
cN0	1			
cN+	22.53			
LVi		0.036		0.896
No	1		1	
Yes	2.67		1.34 (0.49–3.68)	
PNi		0.014		0.727
No	1		1	
Yes	2.89		1.47 (0.57–3.75)	
Pathologic stage		0.002		
yp stage 0	1			
yp stage I	1.06			
yp stage II	2.28			
yp stage III	3.46			
Pre-nCRT mLPLN		0.001		0.671
No	1		1	
Yes	3.72		1.24 (0.46–3.34)	
Post-nCRT mLPLN		<0.001		0.002
No	1		1	
Yes	6.17		4.95 (1.84–13.33)	
Pathologic TRG		0.004		0.013
Total and near total	1		1	
Moderate and minimal and no	8.24		6.48 (1.49–28.25)	

HR, hazard ratio; CI, confidence interval; LVi, lymphovascular invasion; PNi, perineural invasion; nCRT, neoadjuvant chemoradiotherapy; mLPLN, lateral pelvic lymph node metastasis; TRG, tumor regression grade.