

Supplementary Table 5. Risk factors associated with distant metastasis-free survival

Variable	Univariable analysis		Multivariable analysis	
	HR	P-value	HR (95% CI)	P-value
Age (yr)		0.595		
<59	1			
≥59	0.94			
Sphincter-saving resection		<0.001		0.001
No	1		1	
Yes	0.63		0.65 (0.50–0.84)	
Initial clinical T stage		0.014		0.038
cT0–2	1		1	
cT3, 4	3.43		2.85 (1.06–7.66)	
Initial clinical N stage		0.926		
cN0	1			
cN+	0.98			
LVi		0.053		0.012
No	1		1	
Yes	1.39		1.47 (1.09–1.99)	
PNi		<0.001		<0.001
No	1		1	
Yes	2.13		2.06 (1.56–2.71)	
Pathologic stage		<0.001		
yp stage 0	1			
yp stage I	1.30			
yp stage II	3.81			
yp stage III	6.02			
Pre-nCRT mLPLN		0.001		0.478
No	1		1	
Yes	1.51		1.12 (0.82–1.52)	
Post-nCRT mLPLN		<0.001		0.088
No	1		1	
Yes	1.65		1.32 (0.96–1.81)	
Pathologic TRG		<0.001		0.032
Total and near total	1		1	
Moderate and minimal and no	1.78		1.34 (1.03–1.75)	

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.