

S3 Table. Prognostic factors for hypopharyngeal cancer-specific survival

Disease-free survival	Univariable analysis			Multivariable analysis		
	HR	95% CI	p-value	HR	95% CI	p-value
Treatment modality						
Upfront RT		Reference				
Upfront LPS	0.576	0.286-1.159	0.122			
Age (continuous)	1.033	1.002-1.066	0.040	1.013	0.981-1.046	0.438
Sex						
Male		Reference				
Female	0.945	0.229-3.898	0.938	-	-	-
ECOG performance						
0-1		Reference			Reference	
2-3	3.628	1.726-7.624	0.001	2.532	1.119-5.729	0.026
Smoking						
Never or ex-smoker		Reference				
Current smoker	1.423	0.684-2.958	0.345	-	-	-
cT classification						
cT1		Reference			Reference	
cT2	2.036	1.010-4.104	0.047	1.796	0.836-3.857	0.133
cN classification						
cN0-1		Reference				
cN2-3	1.209	0.870-1.681	0.259	-	-	-
AJCC stage						
I-II		Reference				
III	1.266	0.553-2.895	0.577	-	-	-
IV	1.465	0.762-2.816	0.252	-	-	-
Double primary cancer						
No		Reference				
Within 6 mo	1.046	0.456-2.397	0.916	-	-	-
Others	0.492	0.240-1.009	0.053	-	-	-
RT modality						
3DCRT		Reference			Reference	
IMRT	0.538	0.285-0.998	0.045	0.994	0.391-2.527	0.990
Treatment era						
~2007		Reference			Reference	
2008~	0.432	0.240-0.775	0.005	0.464	0.190-1.132	0.091

AJCC, American Joint Committee on Cancer; CI, confidence interval; ECOG, Eastern Cooperative Oncology Group; HR, hazard ratio; IMRT, intensity-modulated RT; LPS, larynx-preserving surgery; RT, radiation therapy; 3DCRT, 3DCRT, three-dimensional conformal RT.