

Table 4

Multivariate analysis for OS and CSS in training cohort

Category	Overall survival		Cancer-specific survival	
	Hazard Ratio (95% CI)	P	Hazard Ratio (95% CI)	P
Age(year)				
<44	Reference		Reference	
44-67	1.372 (1.051-1.790)	0.019	1.285 (0.964-1.713)	0.086
>67	1.738 (1.209-2.498)	0.002	1.659 (1.091-2.524)	0.018
Year at diagnosis				
2004-2009	Reference		NI	
2010-2015	1.081 (0.864-1.353)	0.492	NI	NI
Marital status				
Married	Reference		Reference	
Single	1.043 (0.816-1.332)	0.738	1.104 (0.846-1.440)	0.464
Other	1.207 (0.861-1.691)	0.274	0.916 (0.608-1.381)	0.677
Grade[†]				
Low	Reference		Reference	
High	1.749 (0.912-3.356)	0.092	1.501 (0.753-2.989)	0.248
Stage				
I	Reference		Reference	
II	1.630	0.002	1.545 (1.081-2.209)	0.016
III	2.256	<0.001	2.403 (1.665-3.467)	<0.001
IV	2.760	<0.001	2.652 (1.648-4.628)	<0.001
Tumor size				
<2 cm	Reference		Reference	
2-4 cm	2.487 (1.512-4.092)	<0.001	2.127 (1.213-3.732)	0.008
>4 cm	3.104 (1.916-5.028)	<0.001	2.763 (1.609-4.744)	<0.001
Metastasis				
Absent	Reference		Reference	
Present	2.778 (2.151-3.587)	<0.001	3.029 (2.293-4.001)	<0.001
Surgery				
Performed	Reference		Reference	
None	1.173 (0.881-1.561)	0.274	0.955 (0.702-1.298)	0.769
Radiotherapy				
Yes	Reference		Reference	
No	1.083 (0.831-1.410)	0.556	1.224 (0.910-1.648)	0.180
Chemotherapy				
Yes	Reference		Reference	
No	1.979 (1.485-2.637)	<0.001	1.489 (1.059-2.095)	0.022

CI - confidence interval

[†]Low: Grade I (well differentiated) and Grade II (moderately differentiated); High: Grade III (poorly differentiated) and Grade IV(undifferentiated anaplastic).