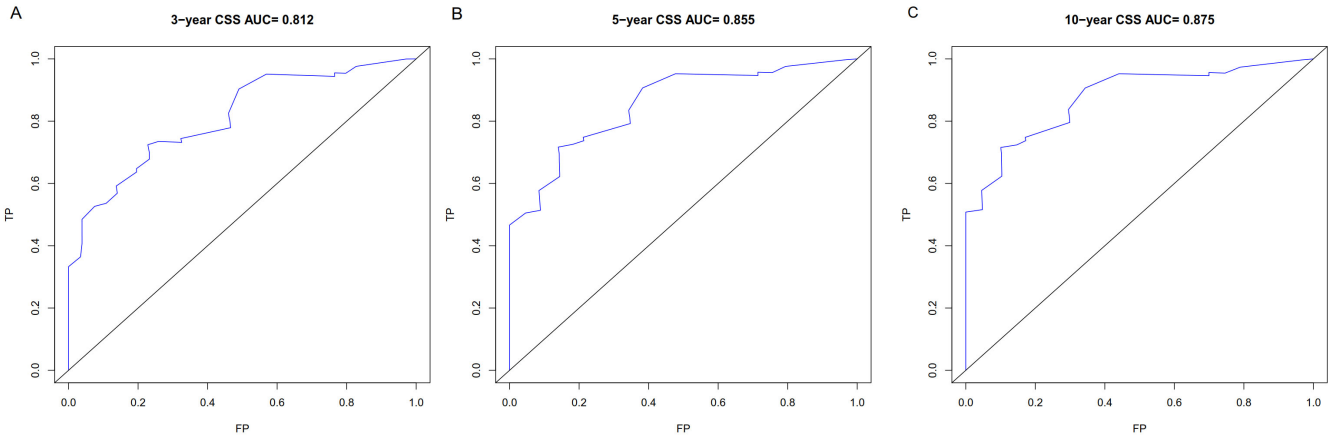
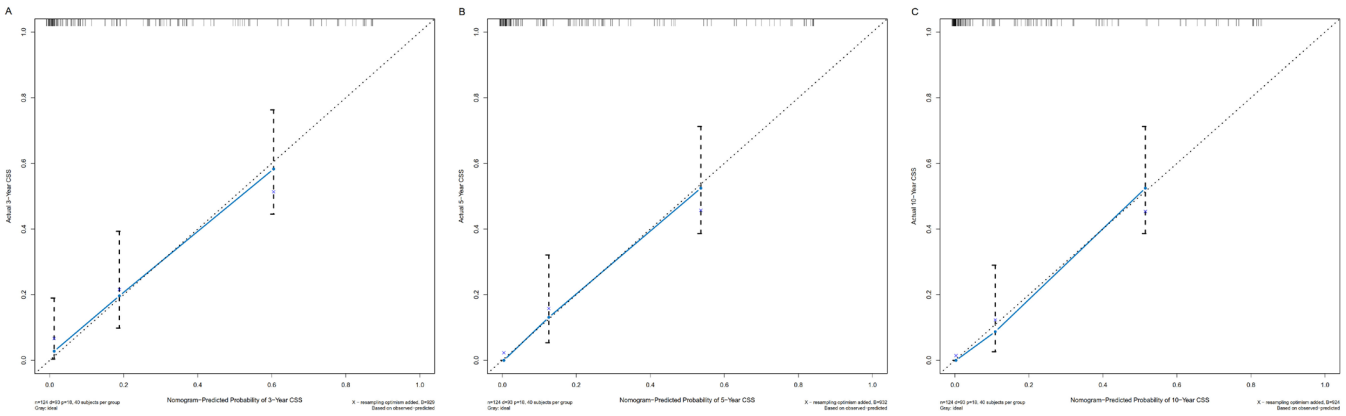


**Table S1** Univariate and multivariate analyses of cancer-specific survival

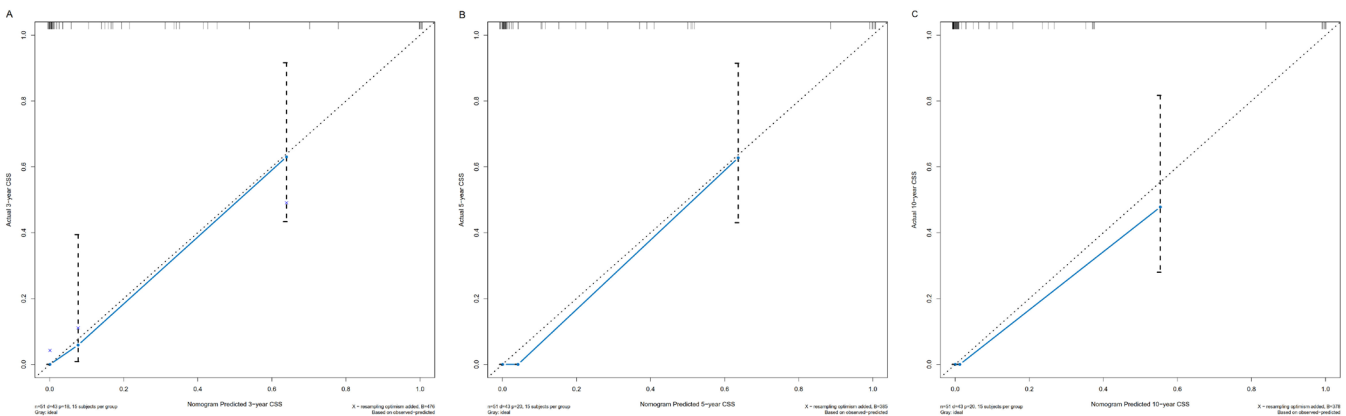
Variables	Univariate analysis		Multivariate analysis	
	HR (95% CI)	P value	HR (95% CI)	P value
Age		0.438	NI	
≤44 years	Ref			
44–69 years	1.30 (0.76, 2.23)	0.338		
≥69 years	1.06 (0.59, 1.90)	0.845		
Sex		0.025		0.264
Male	Ref		Ref	
Female	0.68(0.48, 0.95)	0.025	0.82 (0.57, 1.17)	0.264
Race		0.783	NI	
White	Ref			
Other	1.06 (0.72, 1.60)	0.783		
Marital status		0.423	NI	
Single	Ref			
Married	0.87 (0.62, 1.22)	0.423		
Stage		<0.001		0.041
Localized	0.19(0.07, 0.49)	0.001	0.27 (0.09, 0.81)	0.019
Regional	Ref		Ref	
Distant	2.67 (1.67, 4.28)	<0.001	1.50 (0.72, 3.13)	0.276
Grade		0.002		0.105
Well	0.34 (0.15, 0.78)	0.011	0.40 (0.16, 0.96)	0.040
Moderately	0.35 (0.19, 0.65)	0.001	0.50 (0.24, 1.06)	0.070
Poorly	Ref		Ref	
Undifferentiated	0.50 (0.27, 0.93)	0.029	0.88 (0.44, 1.77)	0.729
Laterality		0.528	NI	
Left	Ref			
Right	0.90 (0.64, 1.26)	0.528		
Primary Site		0.449	NI	
Main Bronchus	Ref			
Upper lobe, lung	1.03 (0.56, 1.88)	0.935		
Middle lobe, lung	0.70 (0.29, 1.70)	0.433		
Lower lobe, lung	0.70 (0.37, 1.36)	0.299		
Overlapping lesion of lung	0.70 (0.28, 1.75)	0.442		
T		<0.001		0.004
≤2.7 cm	Ref		Ref	
2.7–4.8 cm	1.78 (0.85, 3.73)	0.129	1.15 (0.46, 2.87)	0.765
≥4.8 cm	4.30 (2.06, 8.97)	<0.001	3.19 (1.37, 7.41)	0.007
N		<0.001		0.233
N0	Ref		Ref	
N+	2.84 (1.65, 4.90)	<0.001	1.48 (0.78, 2.79)	0.233
M		<0.001		0.039
M0	Ref		Ref	
M1	3.69 (2.32, 5.84)	<0.001	2.39 (1.05, 5.45)	0.039
Surgery		<0.001		<0.001
No	Ref		Ref	
Yes	0.25 (0.17, 0.37)	<0.001	0.36 (0.23, 0.55)	<0.001
Radiation		<0.001		0.033
No	Ref		Ref	
Yes	2.32 (1.63, 3.31)	<0.001	1.53 (1.04, 2.27)	0.033
Chemotherapy		0.002		0.237
No	Ref		Ref	
Yes	1.79 (1.24, 2.58)	0.002	1.27 (0.85, 1.90)	0.237



**Figure S1** ROC curves for (A) 3-, (B) 5-, (C) 10-year cancer-specific survival of the nomogram.



**Figure S2** The calibration plots for (A) 3-, (B) 5-, (C) 10-year overall survival in training cohort.



**Figure S3** The calibration plots for (A) 3-, (B) 5-, (C) 10-year overall survival in validation cohort.