



Figure S1 Kaplan-Meier survival curves for patients with a single N1 station examined after PSM. (A) OS for patients with and without group 10 examined; (B) DFS for patients with and without group 10 examined; (C) OS for patients with and without group 11 examined; (D) DFS for patients with and without group 11 examined. PSM, propensity score matching; OS, overall survival; DFS, disease-free survival.

Table S1 Univariate and multivariate analysis of OS for patients after PSM

Factors	Univariate analysis		Multivariate analysis	
	HR (95% CI)	P value	HR (95% CI)	P value
Gender	0.283 (0.145–0.554)	<0.001*	0.349 (0.172–0.706)	0.003*
Age (year)	1.037 (1.010–1.065)	0.007*	1.029 (1.001–1.057)	0.041*
Tumor size (cm)	1.619 (1.290–2.032)	<0.001*	1.022 (0.701–1.489)	0.911
8 th TNM stage	3.354 (1.863–6.041)	<0.001*	1.819 (1.111–2.980)	0.017*
Visceral pleura invasion	1.793 (1.113–2.888)	0.016*	1.069 (0.577–1.983)	0.832
Histology	0.937 (0.850–1.034)	0.196		
Squamous cell carcinoma	Ref			
Adenocarcinoma	0.500 (0.285–0.877)	0.016*	0.889 (0.465–1.698)	0.721
Others	0.982 (0.423–2.277)	0.966	0.934 (0.390–2.236)	0.879
Differentiation degree				
Well	Ref			
Moderate	1.106 (0.458–2.671)	0.823		
Poor	2.150 (0.902–5.125)	0.084*		
Vascular invasion	1.334 (0.482–3.696)	0.579		
Number of N2 LNs examined	1.005 (0.973–1.037)	0.777		
Number of N2 stations examined	0.934 (0.776–1.124)	0.468		
Surgical approach	1.850 (0.945–3.620)	0.073		
Thoracotomy or VATS	0.601(0.363–0.996)	0.048*	0.828 (0.478–1.436)	0.503
Number of N1 stations examined				
0 N1 station examined	Ref			
1 N1 station examined	0.987 (0.440–2.216)	0.975		
2 N1 stations examined	0.946 (0.247–1.705)	0.380		
3 N1 stations examined	0.729 (0.282–1.880)	0.513		
4 N1 stations examined	0.442 (0.114–1.712)	0.237		
5 N1 stations examined	<0.001 (<0.001)	0.966		

*, P<0.05. OS, overall survival; PSM, propensity score matching; VATS, video-assisted thoracoscopic surgery.