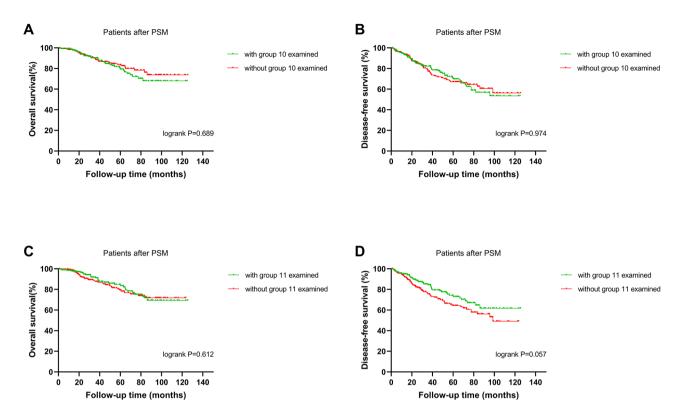
## Supplementary



**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 PSN	Table S1 Univariate and	multivariate anal	ysis of OS for	patients after PSM
--	-------------------------	-------------------	----------------	--------------------

Factors	Univariate analy	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 <sup>th</sup> 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.