Table S1 Sensitivity analysis.

Characteristics	P value of the univariate analysis	P value of the multivariate analysis
Patients		
Age (years)	0.905	
Sex	0.706	
Female		
Male		
BMI (kg/m^2)	0.427	
Smoking index	0.935	
0		
≤400		
>400		
CCI, n (%)	0.057	
0		–
1		0.745
≥2		0.016
Diabetes mellitus	0.332	
No		
Yes		
Hypertension	0.327	
No		
Yes		
COPD	0.733	
No		
Yes		
Chronic hepatitis B	0.254	
No		
Yes		
Neoadjuvant therapy	1.000	
No		
Yes		
Pulmonary function		
pre% FVC%	0.498	
pre% FEV1	0.639	
Laboratory examination		
HGB (g/L)	0.285	
ALB (g/L)	0.181	
Surgery		
Surgical approach	1.000	
VATS		
Open		
Surgical procedure	0.017	
LUL		/
LLL		0.729
RUL		0.471
RML and/or RLL		0.037
Others		0.999
Bronchoplasty	0.833	
Broncho-vascular plasty		
Bronchial sleeve resection		
Bronchial wedge plasty		
Extended resection	1.000	
No		
Yes		
Additional pulmonary resection	0.402	
No		
Yes		
Duration of surgery (min)	0.033	0.470
Blood loss (mL)	0.055	0.490
Transfusion		
No		
Yes		
Pleural adhesion	0.050	0.093
No		
Yes		
Pathology		
Diameter (cm)	0.922	
Histology	0.453	
Squamous cell carcinoma		
Adenocarcinoma		
Others		
Lymph node metastasis	0.565	
No		
Yes		
Residual margin	0.018	0.020
No		
Yes		
p-TNM stage	0.676	
I		
II		
III		
IV		

BMI, body mass index; CCI, Charlson Comorbidity Index; FVC, forced vital capacity; FEV1, forced expiratory volume in one second; HGB, hemoglobin; ALB, albumin; VATS, video-assisted thoracic surgery; LUL, left upper lobe; LLL, left lower lobe; RUL, right left upper lobe; RML, right middle lobe; RLL, right lower lobe.