

Table S1 Characteristics of lymph node dissection depending on lymph node station.

LN station	Number of LN resected	VATS-L (%)	TORA-L (%)	p-value
2R	0	1141 (80.9)	3841 (79.1)	0.013
	1-4	247 (17.5)	870 (17.9)	
	≥5	22 (1.6)	144 (3.0)	
2L	0	1397 (99.1)	4789 (98.6)	0.432
	1-4	12 (0.9)	61 (1.3)	
	≥5	1 (0.1)	5 (0.1)	
3	0	1392 (98.7)	4635 (95.5)	<0.001
	1-4	18 (1.3)	202 (4.2)	
	≥5	0 (0.0)	18 (0.4)	
3p	0	1400 (99.3)	4842 (99.7)	0.031
	1-4	10 (0.7)	13 (0.3)	
3a	0	1393 (98.8)	4758 (98.0)	0.079
	1-4	17 (1.2)	88 (1.8)	
	≥5	0 (0.0)	9 (0.2)	
4R	0	770 (54.6)	2588 (53.3)	0.001
	1-4	510 (36.2)	1639 (33.8)	
	≥5	130 (9.2)	628 (12.9)	
4L	0	1364 (96.7)	4560 (93.9)	<0.001
	1-4	42 (3.0)	255 (5.3)	
	≥5	4 (0.3)	40 (0.8)	
5	0	913 (64.8)	3221 (66.3)	0.036
	1-4	450 (31.9)	1416 (29.2)	
	≥5	47 (3.3)	218 (4.5)	
6	0	1170 (83.0)	4060 (83.6)	0.357
	1-4	228 (16.2)	736 (15.2)	
	≥5	12 (0.9)	59 (1.2)	
7	0	313 (22.2)	1096 (22.6)	<0.001
	1-4	924 (65.5)	2864 (59.0)	
	≥5	173 (12.3)	895 (18.4)	
8	0	1060 (75.2)	3640 (75.0)	0.045
	1-4	342 (24.3)	1148 (23.6)	
	≥5	8 (0.6)	67 (1.4)	
9	0	870 (61.7)	2840 (58.5)	0.097
	1-4	523 (37.1)	1949 (40.1)	
	≥5	17 (1.2)	66 (1.4)	
10R	0	828 (58.7)	2835 (58.4)	0.042
	1-4	503 (35.7)	1656 (34.1)	
	≥5	79 (5.6)	364 (7.5)	
10L	0	971 (68.9)	3377 (69.6)	<0.001
	1-4	400 (28.4)	1213 (25.0)	
	≥5	39 (2.8)	265 (5.5)	
11	0	377 (26.7)	1602 (33.0)	<0.001
	1-4	919 (65.2)	2657 (54.7)	
	≥5	114 (8.1)	596 (12.3)	
12	0	988 (70.1)	3322 (68.4)	0.018
	1-4	356 (25.2)	1205 (24.8)	
	≥5	66 (4.7)	328 (6.8)	
13	0	1284 (91.1)	4440 (91.5)	0.304
	1-4	104 (7.4)	317 (6.5)	
	≥5	22 (1.6)	98 (2.0)	

LN – lymph nodes, VATS-L – video-assisted thoracic surgery lobectomy, TORA-L – thoracotomy lobectomy.