

Table S1 Comparison of outcome indicators after PSM following exclusion of data from the first two years

Variables	Total (n=106)	B (n=53)	A (n=53)	Statistic	P
24-hour postoperative NRS score	2.00 (2.00, 3.00)	3.00 (2.00, 3.00)	2.00 (2.00, 2.00)	Z=-4.12	<0.001*
Maximum postoperative NRS score	3.00 (3.00, 4.75)	4.00 (3.00, 5.00)	3.00 (2.00, 4.00)	Z=-3.86	<0.001*
NRS score after tube removal	1.00 (1.00, 1.00)	1.00 (1.00, 1.00)	1.00 (0.00, 1.00)	Z=-2.15	0.032*
Frequency of postoperative rescue analgesia	0.00 (0.00, 1.00)	1.00 (0.00, 1.00)	0.00 (0.00, 0.00)	Z=-2.74	0.006*
24-hour postoperative thoracic drainage volume (mL)	525.00 (371.25, 700.00)	500.00 (370.00, 680.00)	575.00 (375.00, 720.00)	Z=-1.09	0.28
Total postoperative thoracic drainage volume (mL)	1555.00 (918.75, 2015.00)	1530.00 (865.00, 2050.00)	1655.00 (1010.00, 1975.00)	Z=-0.26	0.80
Indwelling time of thoracic drainage tube (days)	8.00 (6.00, 13.00)	8.00 (6.00, 13.00)	7.00 (5.00, 12.00)	Z=-1.19	0.24
Postoperative discharge time (days)	15.50 (12.25, 21.00)	17.00 (13.00, 21.00)	15.00 (12.00, 20.00)	Z=-1.20	0.23
Total hospitalization cost (CNY)	49078.49 (38843.83, 61210.94)	50226.84 (40714.16, 58930.99)	46376.95 (36441.25, 65048.20)	Z=-0.73	0.47

Data are presented as median (Q₂₅, Q₇₅). *, P<0.05, which is statistically significant. PSM, propensity score matching; NRS, Numerical Rating Scale.