

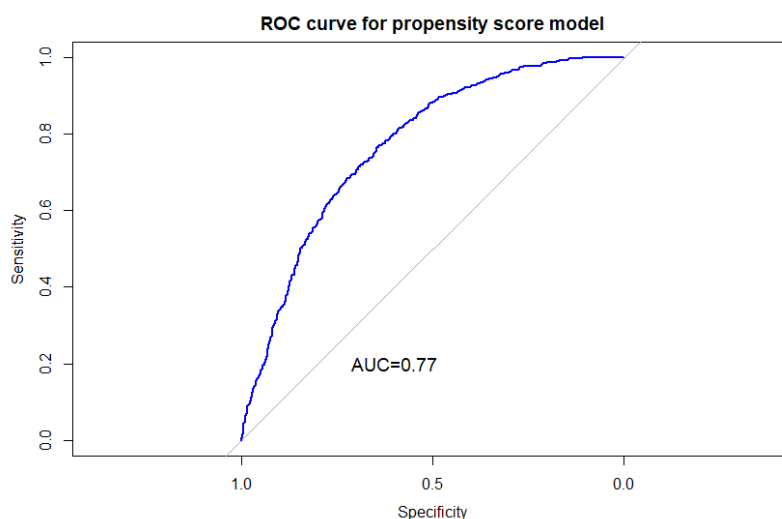


Figure S1 Area under curve of propensity score matching. AUC, area under the curve; ROC, receiver operating characteristic.

Table S1 Post-recurrence treatment according to PTNB

Treatment	Isolated pleural recurrence	Concomitant pleural recurrence	Loco-regional recurrence	Distant recurrence	Total
PTNB (n=95)					
Tyrosine kinase inhibitor	5 (5.3)	5 (5.3)	10 (10.5)	8 (8.4)	28 (29.5)
Surgery	1 (1.1)	0	2 (2.1)	5 (5.3)	8 (8.4)
Chemotherapy	3 (3.2)	4 (4.2)	4 (4.2)	6 (6.3)	17 (17.9)
Radiation	2 (2.1)	1 (1.1)	9 (9.5)	12 (12.6)	24 (25.3)
Combination	0	0	2 (2.1)	1 (1.1)	3 (3.2)
No treatment	2 (2.1)	0	4 (4.2)	9 (9.5)	15 (15.8)
Total	13 (13.7)	10 (10.5)	31 (32.6)	41 (43.2)	95 (100.0)
Non-PTNB (n=41)					
Tyrosine kinase inhibitor	3 (7.3)	1 (2.4)	2 (4.9)	6 (14.6)	12 (29.3)
Surgery	0	0	2 (4.9)	2 (4.9)	4 (9.8)
Chemotherapy	1 (2.4)	0	2 (4.9)	8 (19.5)	11 (26.8)
Radiation	0	3 (7.3)	2 (4.9)	3 (7.3)	8 (19.5)
Combination	0	1 (2.4)	2 (4.9)	0	3 (7.3)
No treatment	0	1 (2.4)	1 (2.4)	7 (17.1)	9 (22.0)
Total	4 (9.8)	6 (14.6)	11 (26.8)	20 (48.8)	41 (100.0)

Values are presented as n (%). PTNB, percutaneous transthoracic needle biopsy.

Table S2 Recurrence pattern according to PTNB of subgroup

Pattern	PTNB (n=332)	Non-PTNB (n=810)	P value
Before propensity score matching			
Any recurrence	34 (10.2)	28 (3.5)	<0.001
Isolated pleural recurrence	3 (0.9)	5 (0.6)	0.892
Concomitant pleural recurrence	4 (1.2)	1 (0.1)	0.043
Loco-regional recurrence	11 (3.3)	12 (1.5)	0.077
Distant recurrence	16 (4.8)	10 (1.2)	0.001
After propensity score matching			
Any recurrence	33 (10.3)	16 (5.0)	0.017
Isolated pleural recurrence	3 (0.9)	2 (0.6)	–
Concomitant pleural recurrence	4 (1.2)	1 (0.3)	0.369
Loco-regional recurrence	11 (3.4)	6 (1.9)	0.325
Distant recurrence	15 (4.7)	7 (2.2)	0.129

Values are presented as n (%). PTNB, percutaneous transthoracic needle biopsy.