

Table S1 Comparison of clinical characteristics between both groups in the external validation cohort

Clinical characteristic	Benign PNs-AIP (n=49)	Malignant PNs-AIP(n=67)	P value
Age (years)			0.072 ^a
≥56	28 (57.1)	49 (73.1)	
<56	21 (42.9)	18 (26.9)	
Sex			0.324 ^a
Female	24 (49.0)	39 (58.2)	
Male	25 (51.0)	28 (41.8)	
Smoking history			0.533 ^a
Smoker	15 (30.6)	17 (25.4)	
Non-smoker	34 (69.4)	50 (74.6)	
Respiratory symptoms			0.161 ^a
Presence	20 (40.8)	19 (28.4)	
Absence	29 (59.2)	48 (71.6)	
History of malignant tumors			>0.99 ^a
Presence	2 (4.1)	4 (6.0)	
Absence	47 (95.9)	63 (94.0)	

Data are presented as n (%). ^a, Chi-squared test. PNs-AIP, pulmonary nodules attached to the interlobar pleura.

Table S2 Comparison of conventional morphological features and IP-associated CT characteristics between both groups in the external validation cohort

CT Features	Benign PNs-AIP (n=49)	Malignant PNs-AIP (n=67)	P value
Location			
Attached to the right major fissure	19 (38.8)	29 (43.3)	0.626 ^a
Attached to the right minor fissure	11 (22.4)	12 (17.9)	0.545 ^a
Attached to the left major fissure	19 (38.8)	26 (38.8)	0.997 ^a
Nodule size (mm)			
≥11.80	19 (38.8)	43 (64.2)	0.007 ^a
<11.80	30 (61.2)	24 (35.8)	
Shape			
Regular	23 (46.9)	50 (74.6)	0.002 ^a
Irregular	26 (53.1)	17 (25.4)	
Lobulation			
Presence	16 (32.7)	48 (71.6)	<0.001 ^a
Absence	33 (67.3)	19 (28.4)	
Spiculation			
Presence	11 (22.4)	35 (52.2)	0.001 ^a
Absence	38 (77.6)	32 (47.8)	
Density			
Subsolid	10 (20.4)	46 (68.7)	<0.001 ^a
Solid	39 (79.6)	21 (31.3)	
Bubble lucency			
Presence	2 (4.1)	10 (14.9)	0.058 ^a
IP thickening			
Presence	7 (14.3)	7 (10.4)	0.513 ^a
Absence	42 (85.7)	60 (89.6)	
Nodule-IP angle			
Type I	16 (32.7)	52 (77.6)	<0.001 ^a
Type II	33 (67.3)	15 (22.4)	
Nodule-IP positional relationship			
Type I	1 (2.0)	0 (0.0)	0.442 ^a
Type II	7 (14.3)	2 (3.0)	0.058 ^a
Type III	15 (30.6)	6 (9.0)	0.003 ^a
Type IV	26 (53.1)	59 (88.1)	<0.001 ^a
Degree of IP retraction	0.21 (0.08)	0.22 (0.07)	0.667 ^b

Data are presented as n (%). ^a, Chi-squared test; ^b, Mann-Whitney U test. CT, computed tomography; IP, interlobar pleura; PNs-AIP, pulmonary nodules attached to the interlobar pleura.