

Supplementary

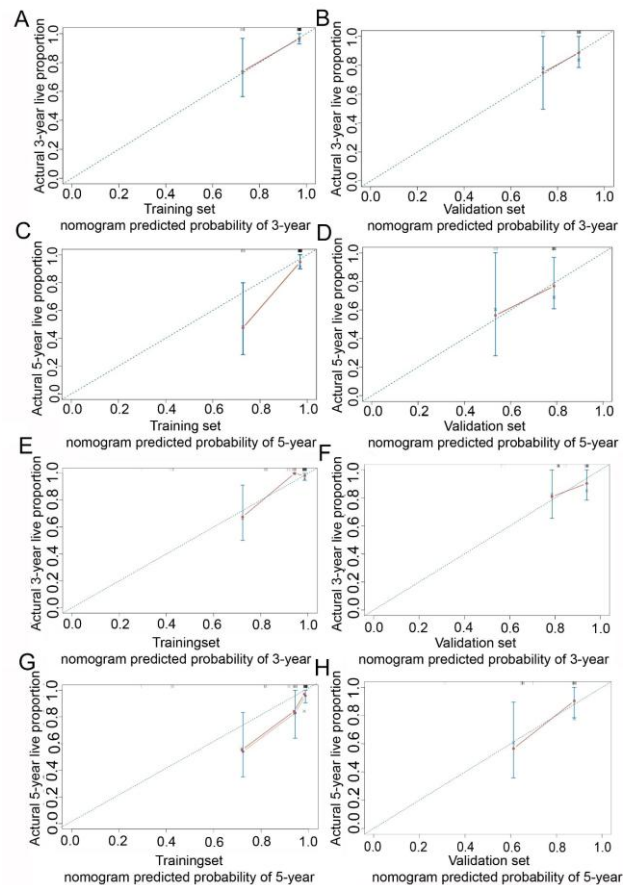


Figure S1 Calibration plots of the pathological stage model and ablation model for predicting 3- and 5-year OS in patients with PMA. (A) Calibration curve of the pathological stage model for 3-year OS in the training set; and (B) validation set. (C) Calibration curve of the pathological

stage model for 5-year OS in the training set; and (D) validation set. (E) Calibration curve of ablation model for 3-year OS in the training set; and (F) validation set; (G) Calibration curve of ablation model for 5-year OS in the training set; and (H) validation set.

Table S1 Clinicopathological and CT characteristics between the training set and the internal validation set

Characteristics	N (%)	Training set	Internal validation set	P
Status				
Survival	150((85.7%))	109(89.3%)	41(77.4%)	0.232
Death	25(14.3%)	13(10.7%)	12(22.6%)	
Age				
≤60	61 (34.8%)	44(36.1%)	17(32.1%)	0.737
>60	114 (65.2%)	78(63.9%)	36(67.9%)	
Sex				
Male	69(39.4%)	45(36.9%)	25(47.2%)	0.269
Female	105(60.0%)	77(63.1%)	28(52.8%)	
Smoking status				
Never	141(80.6%)	97 (79.5%)	44(83.0%)	0.591
Current	34(19.4%)	25(20.5%)	9(17.0%)	
Surgical procedure				
Lobectomy	130(74.3%)	92(75.4%)	38(71.7%)	0.707
Sublobectomy	45(25.7%)	30(24.6%)	15(28.3%)	
Radiographic Tumor size				
≤ 2.0cm	124(70.9%)	86(70.5%)	38(71.7%)	1.000
> 2.0cm	51(29.1%)	36(29.5%)	15(28.3%)	
Tumor size				
≤ 2.0cm	125(71.4%)	85(69.8%)	40(75.5%)	0.550
>2.0cm	50(28.6%)	37(30.2%)	13(24.5%)	
Lymph node metastasis				

No	154(88.0%)	108(88.5%)	46(86.8%)	0.943
Yes	21(12.0%)	14(11.5%)	7(13.2%)	
STAS				
No	160(91.4%)	115(94.3%)	45(84.9%)	0.082
Yes	15(8.6%)	7(5.7%)	8(15.1%)	
Tumor location				
Upper and middle lobe	80(45.7%)	61(50%)	19(35.8%)	0.118
Lower lobe	95(54.3%)	61(50%)	34(64.2%)	
Pathological stage				
I	144(82.3%)	101(82.8%)	43(81.1%)	0.962
II and III	31(17.7%)	21(17.2%)	10(18.9%)	
Serum CEA				
≤ 5ng/mL	150(71.4%)	102(83.6%)	48(90.6%)	0.330
> 5ng/mL	25(28.6%)	20(16.4%)	5(9.4%)	
CT characteristics				
Margin				
Clear	126(72.0%)	92(75.4%)	33(64.2%)	0.156
Indistinct	49(28.0%)	30(24.6%)	19(35.8%)	
Mixed density				
No	115(65.7%)	84(68.9%)	31(58.5%)	0.200
Yes	60(34.3%)	38(31.1%)	22(41.5%)	
Vacuole sign				
No	144(82.3%)	99(81.1%)	45(84.9%)	0.286
Yes	31(17.7%)	23(18.9%)	8(15.1%)	
Pleural traction				
No	147(84.0%)	102(83.6%)	45(84.9%)	0.896
Yes	28(16.0%)	20(16.4%)	8(15.1%)	
Lobulation				
No	109(62.3%)	73(59.8%)	36(67.9%)	0.428

Yes	66(37.7%)	49(40.2%)	17(32.1%)	
Air bronchogram				
No	172(98.3%)	121(99.2%)	51(96.2%)	0.588
Yes	3(1.7%)	1(0.8 %)	2(3.8%)	
Spiculated margin				
No	111(63.4%)	77(63.1%)	34(64.2%)	0.951
Yes	64(36.6%)	45(36.9%)	19(35.8%)	
<i>EGFR</i> exon 19 deletion				
No	119(95.2%)	119(97.5%)	50(94.3%)	0.681
Yes	6(4.8%)	3(2.5%)	3(5.7%)	