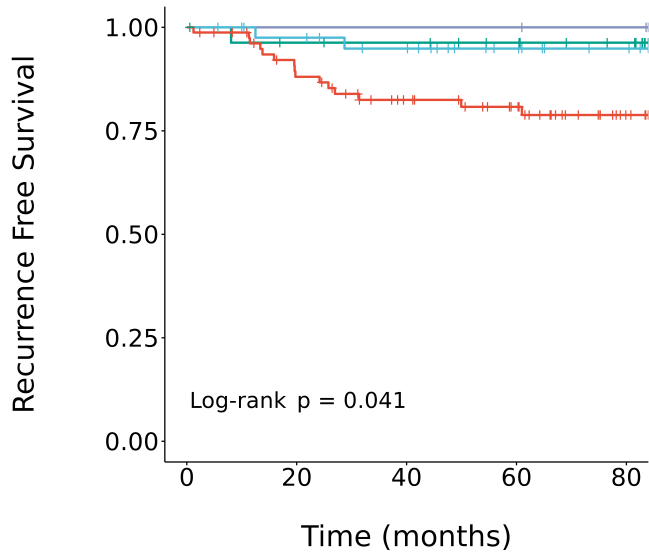
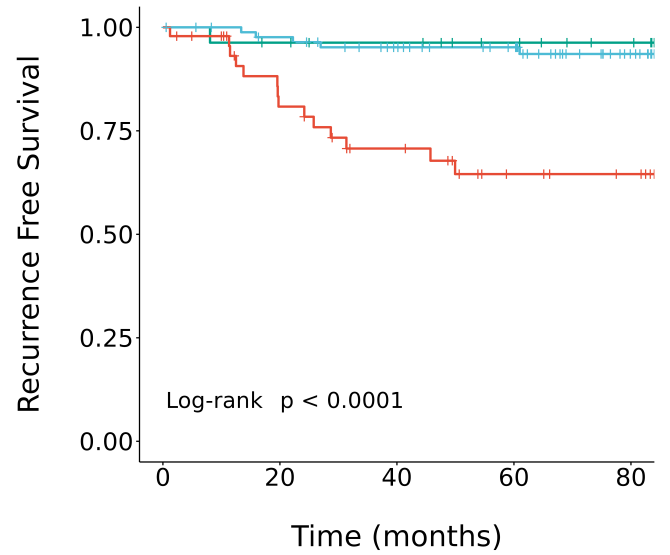


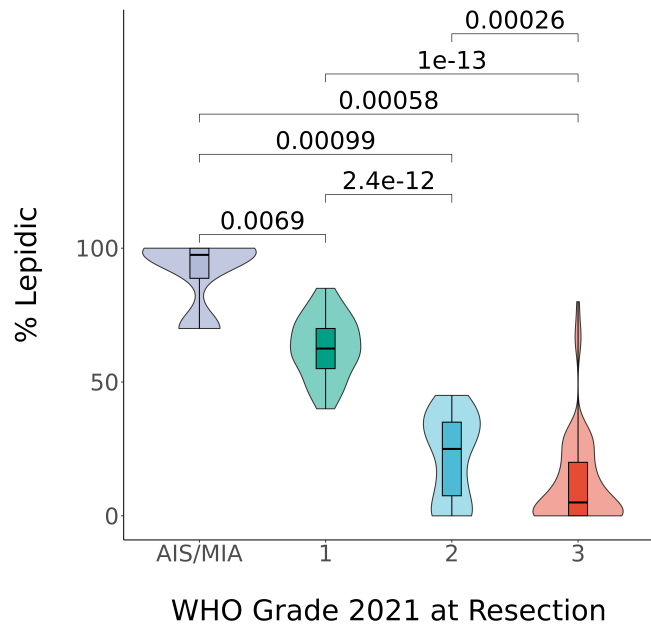
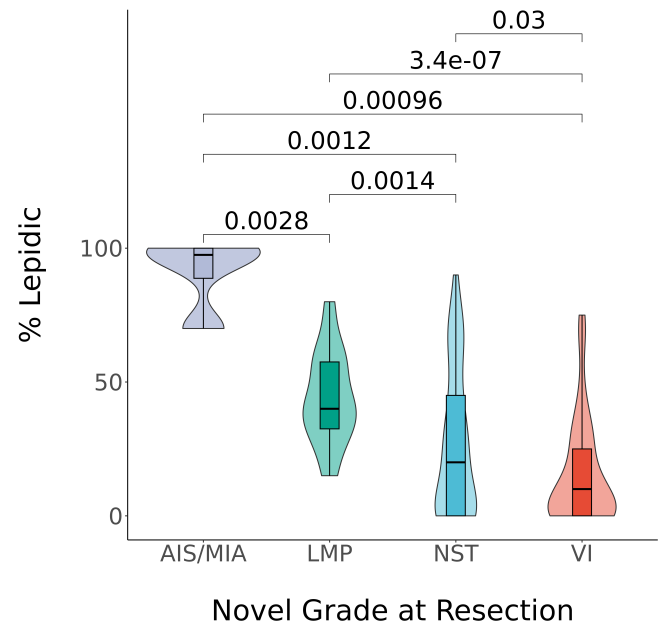
A

	0	20	40	60	80
AIS/MIA	4	4	4	4	3
G1	28	25	24	21	17
G2	43	39	35	27	22
G3	80	65	52	43	24

B

	0	20	40	60	80
LMP	27	25	23	19	14
NST	87	81	72	64	42
VI	47	33	25	16	13

Figure S1

A**B****Figure S2**

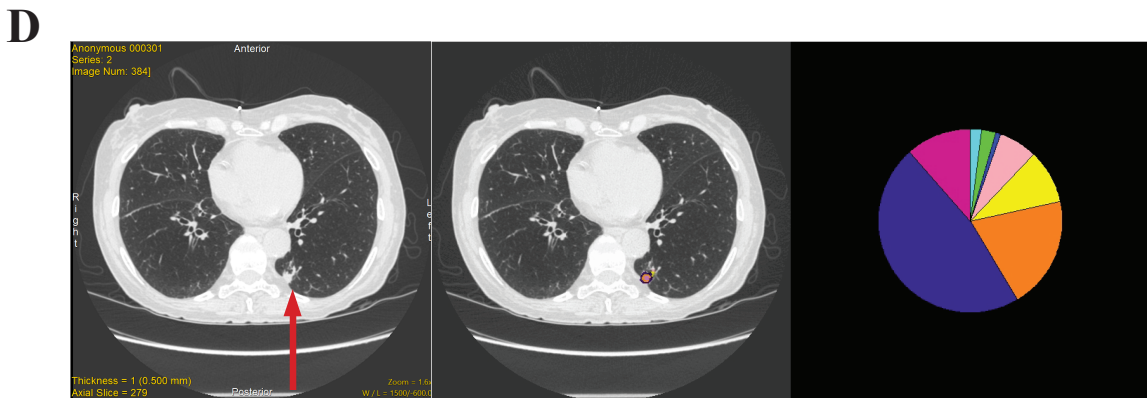
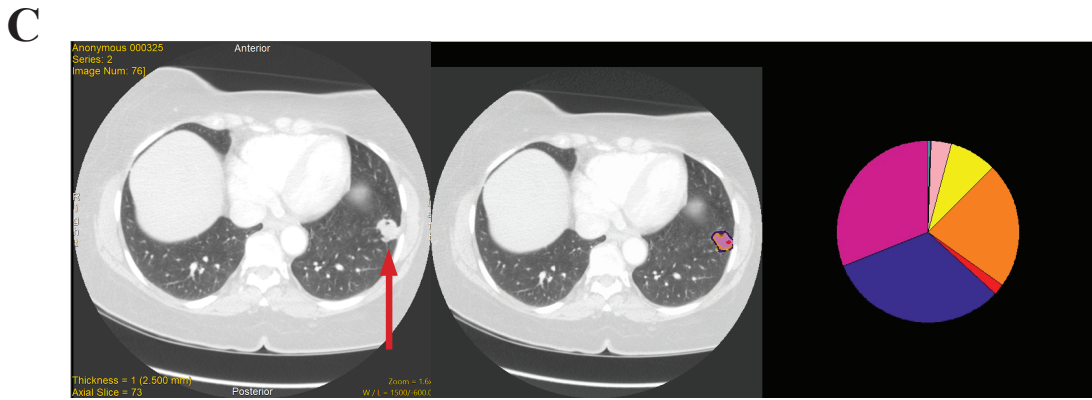
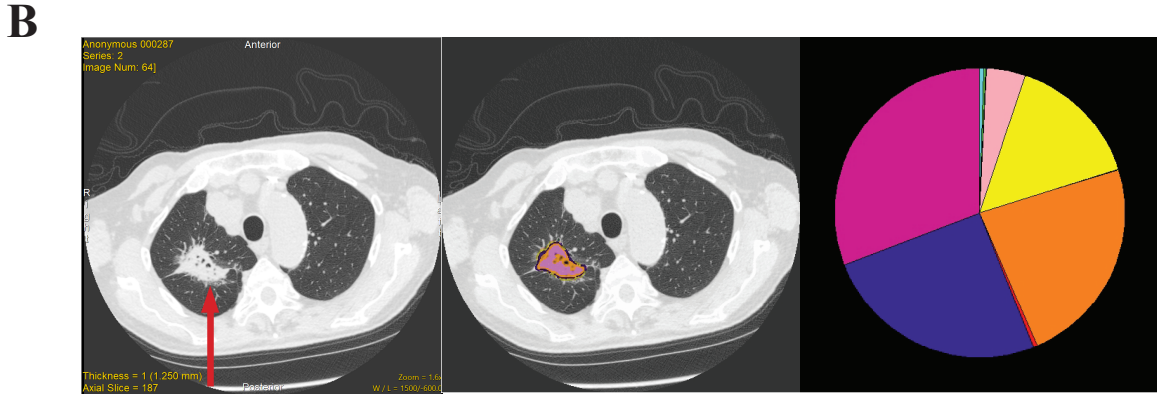
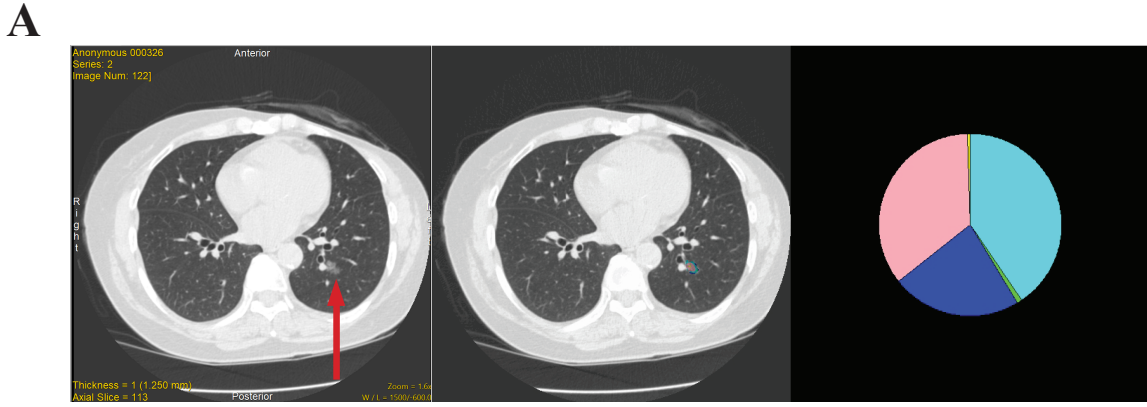


Figure S3

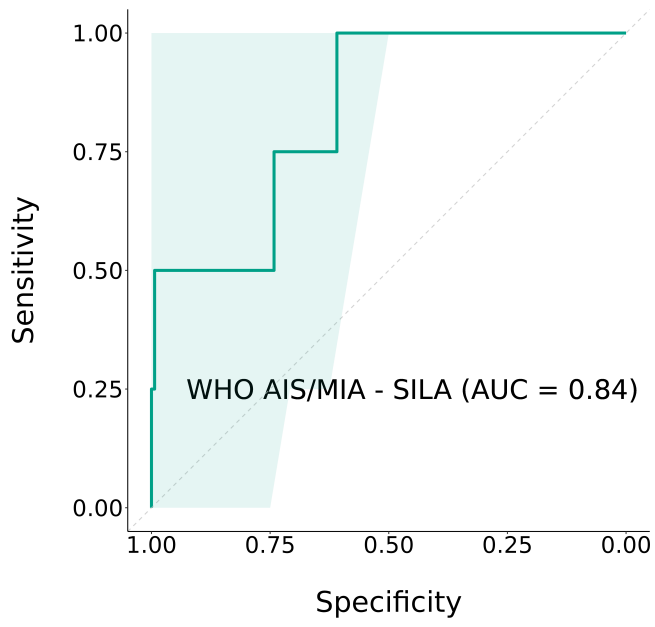
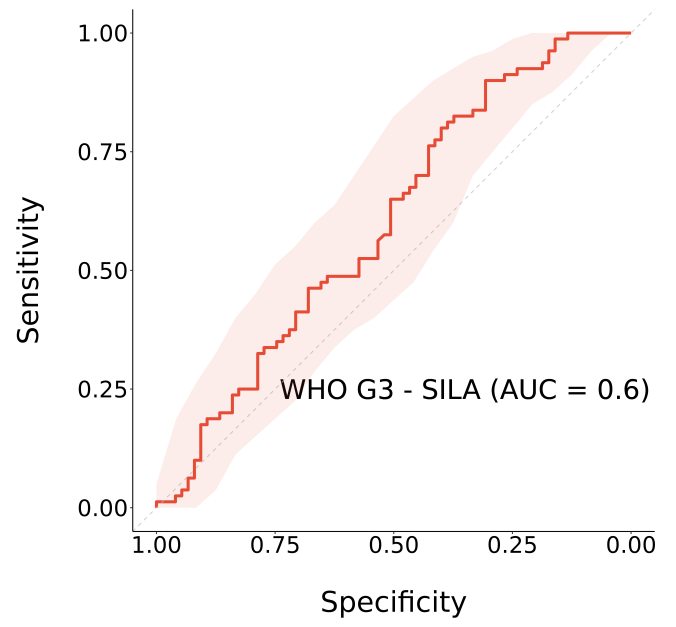
A**B****Figure S4**

Table S1. Clinical characteristics of resected stage I LUAD classified using the novel histopathology classification

	LMP	NST	VI	p value
n	27	87	47	
SILA (mean (SD))	0.47 (0.17)	0.59 (0.15)	0.66 (0.14)	<0.001
Age (mean (SD))	68.18 (9.45)	66.88 (10.08)	67.57 (8.84)	0.808
Gender				0.002
Female	16 (59.2)	62 (71.3)	19 (40.4)	
Male	11 (40.7)	25 (28.7)	28 (59.6)	
Race				0.011
Asian	6 (22.2)	4 (4.6)	3 (6.4)	
Black / African American	6 (22.2)	24 (27.6)	20 (42.6)	
Hispanic / Latino	1 (3.7)	1 (1.1)	3 (6.4)	
Unknown	3 (11.1)	4 (4.6)	1 (2.1)	
White	11 (40.7)	54 (62.1)	20 (42.6)	
Pack years (mean (SD))	29.17 (31.49)	39.99 (33.85)	42.31 (34.26)	0.248
Smoking Status				0.021
Never	7 (25.9)	11 (13.4)	4 (8.7)	
Former	12 (44.4)	45 (54.9)	16 (34.8)	
Current	8 (29.6)	26 (31.7)	26 (56.5)	
Procedure				0.316
Lobe	13 (48.1)	58 (66.7)	32 (68.1)	
Segment	1 (3.7)	4 (4.6)	3 (6.4)	
Wedge	13 (48.1)	25 (28.7)	12 (25.5)	
Invasive size (mean (SD))	0.78 (0.45)	1.45 (0.86)	1.64 (0.63)	<0.001
Total size (mean (SD))	1.40 (0.57)	1.94 (0.93)	1.98 (0.73)	0.006

Note: The data are shown as the number and (%) unless otherwise indicated. Abbreviations: SILA, score indicative of lung cancer aggression; LMP, low malignant potential; NST, no special type; VI, vascular invasion.