

Table S1 The CONUT scoring system

Parameters	Normal	Light	Moderate	Severe
Serum albumin (g/dL)	≥3.50	3.00–3.49	2.50–2.99	<2.50
Score	0	2	4	6
Total lymphocyte count (/mm ³)	≥1,600	1,200–1,599	800–1,199	<800
Score	0	1	2	3
Total cholesterol (mg/dL)	>180	140–180	100–139	<100
Score	0	1	2	3
CONUT score (total)	0–1	2–4	5–8	9–12

CONUT, controlling nutritional status.

Table S2 Baseline clinicopathological features in the two cohorts

Characteristic	Primary cohort (n=263), N (%)	Validation cohort (n=108), N (%)
Sex		
Male	147 (55.9)	52 (48.1)
Female	116 (44.1)	56 (51.9)
Age, years		
<65	154 (58.6)	67 (62.0)
≥65	109 (41.4)	41 (38.0)
Hypertension		
No	172 (65.4)	65 (60.2)
Yes	91 (34.6)	43 (39.8)
DM		
No	205 (77.9)	85 (78.7)
Yes	58 (22.1)	23 (21.3)
Jaundice		
No	116 (44.1)	42 (38.9)
Yes	147 (55.9)	66 (61.6)
COUNT		
≤1	153 (58.2)	48 (44.4)
≥2	110 (41.8)	60 (55.6)
CA19-9 (U/mL)		
<40	76 (28.9)	34 (22.2)
≥40	187 (71.7)	84 (77.8)
Surgical situation		
Radical and R0 resection	161 (61.2)	62 (57.4)
The others	102 (38.3)	46 (42.6)
TNM stage (AJCC7)		
0-I	90 (34.2)	27 (25.0)
II	75 (28.5)	40 (37.0)
III	78 (29.7)	29 (26.9)
IV	20 (7.6)	12 (11.1)
T stage		
<3	141 (53.6)	51 (47.2)
≥3	122 (46.4)	57 (52.8)
N stage		
0	163 (62.0)	60 (55.6)
1&2	100 (38.0)	48 (44.4)
M stage		
0	259 (98.5)	107 (99.1)
1	4 (1.5)	1 (0.9)

DM, diabetes mellitus; COUNT, controlling nutritional status; CA19-9, carbohydrate antigen 19-9; AJCC7, American Joint Committee on Cancer seventh edition.