

Table S1 The formulas of inflammation-related indexes

Index	Formula
NLR	Neutrophil/lymphocyte
dNLR	(white blood cell - lymphocyte)/lymphocyte
PLR	Platelet/lymphocyte
LMR	Pymphocyte/monocyte
GPR	GGT/platelet ($10^9/L$)
SII	Platelet ($10^9/L$) \times neutrophil/lymphocyte
PNI	Albumin + 5 \times lymphocyte ($10^9/L$)
APRI	AST (U/L)/platelet ($10^9/L$)
ANRI	AST (U/L)/neutrophil ($10^9/L$)
ALRI	AST (U/L)/lymphocyte ($10^9/L$)
ALBI	$0.66 \times \log_{10}(\text{bilirubin } (\mu\text{mol/L}) - 0.085 \times \text{albumin } (\text{g/L}))$
FIB-4	$[\text{age } (\text{yr}) \times \text{AST } (\text{U/L})] / [\text{platelet } (10^9/L) \times \text{ALT}(\text{U/L})^{1/2}]$
S-index	$1000 \times \text{GGT} / [\text{platelet } (10^9/L) \times \text{albumin } (\text{g/L})^2]$

GGT: gamma-glutamyl transpeptidase; AST: aspartate transaminase; ALT: alanine transaminase; NLR: neutrophil-to-lymphocyte ratio; dNLR: derived neutrophil-to-lymphocyte ratio; PLR: platelet-to-lymphocyte ratio; LMR: lymphocyte-to-monocyte ratio; GPR: gamma-glutamyl transpeptidase-to-platelet ratio; SII: systemic immune-inflammation index; PNI: prognostic nutritional index; APRI: aspartate transaminase-to-platelet count ratio index; ANRI: aspartate transaminase-to-neutrophil ratio index; ALRI: aspartate transaminase-to-lymphocyte ratio index; ALBI: albumin-bilirubin; FIB-4: fibrosis index based on the four factors.

Table S2 Different risk groups for overall, early, and late RFS according to the NomoScores

NomoSore Groups	Range	Cases (%)	1-year RFS	2-year RFS	3-year RFS	5-year RFS
Overall RFS						
Low risk	≤ 125	131 (34.2%)	77.9%	64.8%	60.4%	53.6%
Moderate risk	125–280	183 (47.8%)	57.4%	8.9%	27.7%	22.2%
High risk	> 280	69 (18.0%)	29.9%	12.0%	6.0%	2.0%
Early RFS						
Low risk	≤ 222	209 (54.6%)	71.6%	57.4%		
Moderate risk	222–320	101 (26.4%)	54.6%	34.6%		
High risk	> 320	73 (19.0%)	31.0%	12.2%		
Late RFS						
Low risk	≤ 100	98 (88.3%)			88.0%	77.2%
High risk	> 100	13 (11.7%)			34.2%	0.0%

RFS: recurrence-free survival.

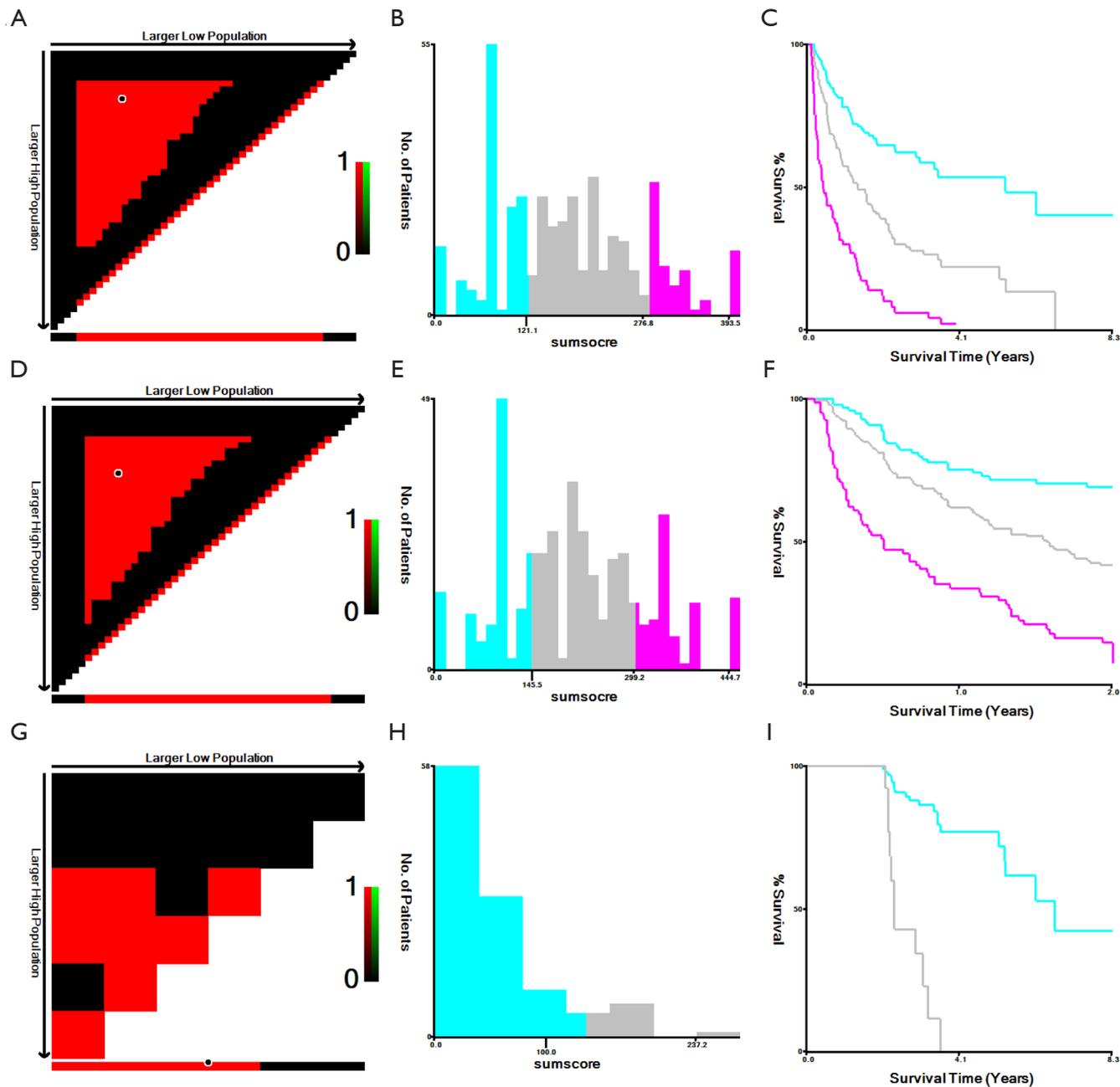


Figure S1 The cut-off point identification of the NomoScores for overall (A, B, and C), early (D, E, and F), and late (G, H, and I) RFS produced by X-tile plots. RFS: recurrence-free survival.