

Supplementary Table 1 Survival based on tumor infiltrative pattern

Patients	OS (95%CI)	5-yr OS rate	<i>P</i> value
All patients			< 0.001
INFa	52.53 (95% CI: 50.136–54.919) mo	78.2%	
INFb	49.21 (95% CI: 47.202–51.221) mo	69.5%	
INFc	43.25 (95% CI: 41.299–45.200) mo	53.7%	
INFa group			< 0.001
I	58.15 (95% CI: 56.377–59.927) mo	89.6%	
II	54.59 (95% CI: 51.046–58.136) mo	84.8%	
III	42.96 (95% CI: 36.998–48.931) mo	56.5%	
INFb group			< 0.001
I	59.08 (95% CI: 58.038–60.124) mo	93.8%	
II	53.85 (95% CI: 51.247–56.449) mo	83.2%	
III	39.97 (95% CI: 36.309–43.634) mo	45.5%	
INFc group			< 0.001
I	59.78 (95% CI: 59.362–60.201) mo	95.7%	
II	51.77 (95% CI: 49.033–54.499) mo	73.3%	
III	36.88 (95% CI: 34.307–39.453) mo	38.5%	

INF: Tumor infiltrative pattern; INFa: The expansive growth type; INFb: The intermediate type; INFc: The infiltrative growth type; HR: Hazard ratio. Statistically significant *P* values are in bold (*P* < 0.05).

Supplementary Table 2 The area under the curves of inflammatory indices

Inflammatory indices	AUCs (95%CI)
INFa group	
NLR	0.616 (95% CI: 0.503–0.729)
PLR	0.612 (95% CI: 0.500–0.725)
SII	0.676 (95% CI: 0.564–0.789)
INFb group	
NLR	0.597 (95% CI: 0.529–0.665)
PLR	0.633 (95% CI: 0.568–0.699)
SII	0.612 (95% CI: 0.543–0.680)
INFc group	
NLR	0.590 (95% CI: 0.537–0.643)
PLR	0.619 (95% CI: 0.567–0.672)
SII	0.582 (95% CI: 0.529–0.636)

INF: Tumor infiltrative pattern; INFa: The expansive growth type; INFb: The intermediate type; INFc: The infiltrative growth type; AUCs: The area under the curves; NLR: Neutrophil-lymphocyte ratio; PLR: Platelet-lymphocyte ratio; SII: Systemic immune-inflammation index.

Supplementary Table 3 Receiver operating characteristic curve of the nomogram models and pTNM stage

Characteristics	INFa		INFb		INFc	
	3-yr survival	5-yr survival	3-yr survival	5-yr survival	3-yr survival	5-yr survival
AUCs						
Nomogram model	0.816	0.787	0.829	0.823	0.789	0.781
pTNM stage	0.789	0.745	0.767	0.763	0.699	0.692
Sensitivity						
Nomogram model	92.0%	84.4%	88.2%	75.6%	84.2%	79.8%
pTNM stage	68.0%	78.5%	76.3%	70.5%	86.1%	52.1%
Specificity						
Nomogram model	68.4%	69.5%	71.0%	73.9%	62.4%	64.6%
pTNM stage	62.5%	79.5%	75.6%	72.6%	82.4%	53.8%

INF: Tumor infiltrative pattern; INFa: The expansive growth type; INFb: The intermediate type; INFc: The infiltrative growth type; AUCs: The area under the curves.