## Supplementary

Table S1 AIC value and C statics of variable nodal	parameters for ICC subgroup	which is sampling LNs less than six

Nodal parameters	Cut off point	AIC	C-index	
AJCC 8 <sup>th</sup> N stage	0	2,902.5	0.58	
N0 <i>vs.</i> N <sup>+</sup> <4 <i>vs.</i> N <sup>+</sup> ≥4	Lower: 0, higher: 3	2,902.6	0.58	
LNR (%)	Lower: 0, higher: 66.67	2,903.6	0.58	
LODDS	Lower: -0.69897, higher: 0.477	2,904.3	0.59	

AIC, Akaike information criterion; ICC, intrahepatic cholangiocarcinoma; LN, lymph node; C-index, Harrell concordance index; AJCC, American Joint Committee on Cancer; LNR, lymph node ratio; LODDS, log odds of metastatic lymph nodes.