

Table S1 Cut-off values in survival plot

Variables	Cut-off value
PNPS	0.35886
PPS	0.43949

PNPS, post-NAT prognostic score; PPS, postoperative prognostic score.

Table S2 Internal validation of preoperative predicting model

Variables	Index.orig	Training	Test	Optimism	Index.corrected	n
Dxy	0.2780	0.2815	0.2762	0.0053	0.2727	499
R2	0.1658	0.1766	0.1601	0.0165	0.1492	499
Slope	1.0000	1.0000	0.9116	0.0884	0.9116	499
D	0.0264	0.0286	0.0254	0.0032	0.0232	499
U	-0.0020	-0.0020	0.0038	-0.0057	0.0038	499
Q	0.0284	0.0306	0.0217	0.0090	0.0194	499
g	0.4292	0.4582	0.4105	0.0476	0.3816	499

Table S3 Internal validation of postoperative predicting model

Variables	Index.orig	Training	Test	Optimism	Index.corrected	n
Dxy	0.3690	0.3880	0.3695	0.0185	0.3505	497
R2	0.2322	0.2826	0.1836	0.0990	0.1332	497
Slope	1.0000	1.0000	0.6772	0.3228	0.6772	497
D	0.0400	0.0515	0.0306	0.0209	0.0190	497
U	-0.0025	-0.0026	0.1753	-0.1779	0.1753	497
Q	0.0425	0.0541	-0.1447	0.1988	-0.1563	497
g	0.6974	0.8072	0.5198	0.2874	0.4100	497