

Supplementary Table 1. The cut-off value for variables of early recurrence group by receiver operating characteristic curve.

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
Age	67	0.601	0.593	0.625	0.218	68.0

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PN1	67	0.542	1.0	0.305	0.305	35.65

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
ALB	67	0.55	0.75	0.424	0.174	32.5

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PLB	67	0.583	1.0	0.288	0.288	70.1

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
NLR	67	0.695	0.661	0.75	0.411	2.018

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
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Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
LCR	67	0.625	0.625	0.712	0.337	0.535

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PLR	67	0.595	0.949	0.375	0.324	71.681

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
LMR	67	0.61	0.875	0.475	0.35	2.286

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
CEA	67	0.689	0.678	0.75	0.428	4.4

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
CA199	67	0.629	0.525	0.875	0.4	25.52

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
Tumor size	67	0.52	0.729	0.5	0.229	4.4

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PLNR	67	0.716	0.508	1.0	0.508	0.486

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PNI, prognostic nutrition index; ALB, albumin; PLB, prealbumin; NLR, neutrophil-to-lymphocyte ratio; LCR, lymphocyte-to-C-reactive ratio; PLR, platelet-to-lymphocyte ratio; LMR, lymphocyte-to-monocyte ratio; CEA, carcinoembryonic antigen; CA 199, carbohydrate antigen 199; PLNR, positive lymph nodes ratio.						