

Supplementary Table 2. The cut-off value for variables of late recurrence group by receiver operating characteristic curve.

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PLNR	61	0.607	0.528	0.75	0.278	0.289

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
Age	61	0.575	0.245	1.0	0.245	72.0

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PNI	61	0.708	0.75	0.679	0.429	44.0

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
Albumin	61	0.732	0.75	0.698	0.448	37.7

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
Prealbumin	61	0.724	0.875	0.585	0.46	170.1

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
NLR	61	0.554	0.585	0.75	0.335	2.748

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
LCR	61	0.651	0.625	0.792	0.417	1.729

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
PLR	61	0.703	0.528	1.0	0.528	156.618

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
LMR	61	0.596	0.625	0.679	0.304	3.073

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
CEA	61	0.553	0.208	1.0	0.208	18.32

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
CA199	61	0.512	0.868	0.375	0.243	3.73

Variables	N	AUC	Sensitivity	Specificity	Youden index	Cut-off value
Tumor size	61	0.723	0.528	0.875	0.403	5.5

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.