

# Prediction abilities of pre-treatment inflammation ratios as classification or prediction models for patients with colorectal cancer?

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**Table S1.** Performance of the area under the ROC curve for complications.

Ratio	AUC [95% CI]	StErr	p-value	Cutoff	GI
NLR	0.506 [0.478 to 0.534]	0.014	0.6731	2.015	0.012
dNLR	0.520 [0.492 to 0.548]	0.014	0.1585	2.085	0.040
PLR	0.496 [0.468 to 0.524]	0.014	0.7891	335.460	-0.008
LMR	0.509 [0.481 to 0.537]	0.014	0.5261	4.835	0.018
AGR	0.485 [0.457 to 0.512]	0.014	0.2775	0.985	-0.031
SII	0.501 [0.473 to 0.528]	0.014	0.9662	420.944	0.001
PNI	0.495 [0.468 to 0.523]	0.014	0.7366	33.011	-0.009

AUC = area under the ROC curve; 95%CI = 95% lower to upper bound; StdErr = standard error; GI = Gini index; NLR = Neutrophil-to-Lymphocyte Ratio; dNLR = derived Neutrophil-to-Lymphocyte Ratio; PLR = Platelet-to-Lymphocyte Ratio; LMR = Lymphocyte-to-Monocyte Ratio; AGR= Albumin-to-Globulin Ratio; SII= Systemic Immune Inflammation Index; PNI = Prognostic Nutritional Index

**Table S2.** Performance of the area under the ROC curve for feeding resumption.

Ratio	AUC [95% CI]	StErr	p-value	Cutoff	GI
NLR	0.511 [0.435 to 0.588]	0.039	0.7688	4.925	0.023
dNLR	0.515 [0.435 to 0.595]	0.041	0.7129	3.145	0.030
PLR	0.491 [0.419 to 0.563]	0.037	0.8033	93.755	-0.018
LMR	0.576 [0.487 to 0.665]	0.045	0.0950	5.625	0.152
AGR	0.545 [0.471 to 0.62]	0.038	0.2330	0.945	0.091
SII	0.5 [0.419 to 0.581]	0.041	0.9978	1448.234	0.000
PNI	0.49 [0.415 to 0.565]	0.038	0.7927	31.006	-0.020

AUC = area under the ROC curve; 95%CI = 95% lower to upper bound; StdErr = standard error; GI = Gini index; NLR = Neutrophil-to-Lymphocyte Ratio; dNLR = derived Neutrophil-to-Lymphocyte Ratio; PLR = Platelet-to-Lymphocyte Ratio; LMR = Lymphocyte-to-Monocyte Ratio; AGR= Albumin-to-Globulin Ratio; SII= Systemic Immune Inflammation Index; PNI = Prognostic Nutritional Index

**Table S3.** Performance of the area under the ROC curve for transit resumption.

<b>Ratio</b>	<b>AUC [95% CI]</b>	<b>StdErr</b>	<b>p-value</b>	<b>Cutoff</b>	<b>GI</b>
NLR	0.517 [0.44 to 0.593]	0.039	0.6683	3.075	0.054
dNLR	0.527 [0.451 to 0.603]	0.039	0.4879	149.940	0.036
PLR	0.518 [0.442 to 0.594]	0.039	0.6451	6.875	-0.005
LMR	0.497 [0.415 to 0.579]	0.042	0.9477	0.815	-0.033
AGR	0.483 [0.406 to 0.56]	0.039	0.6713	1770.213	0.021
SII	0.51 [0.431 to 0.589]	0.040	0.7991	36.006	0.001
PNI	0.501 [0.414 to 0.588]	0.044	0.9877	0.000	0.000

AUC = area under the ROC curve; 95%CI = 95% lower to upper bound; StdErr = standard error; GI = Gini index; NLR = Neutrophil-to-Lymphocyte Ratio; dNLR = derived Neutrophil-to-Lymphocyte Ratio; PLR = Platelet-to-Lymphocyte Ratio; LMR = Lymphocyte-to-Monocyte Ratio; AGR= Albumin-to-Globulin Ratio; SII= Systemic Immune Inflammation Index; PNI = Prognostic Nutritional Index