Supplementary Table 3. Performance of conventional machine learning methods as well as DNN model compared with LR with 26 variables in the prediction of advanced neoplasia

Prediction model	AUC (95% CI)	p value
LR with 26 variables	0.734 (0.695–0.773)	Reference
SVM	0.603 (0.556–0.649)	< 0.001
RF	0.672 (0.632–0.712)	0.001
XGBoost	0.760 (0.725–0.795)	0.064
DNN	0.760 (0.724–0.795)	0.036

DNN, deep neural network; LR, logistic regression; AUC, area under the receiver operating characteristic curve; CI, confidence interval; SVM, support vector machine; RF, random forest; XGBoost, extreme gradient boosting.