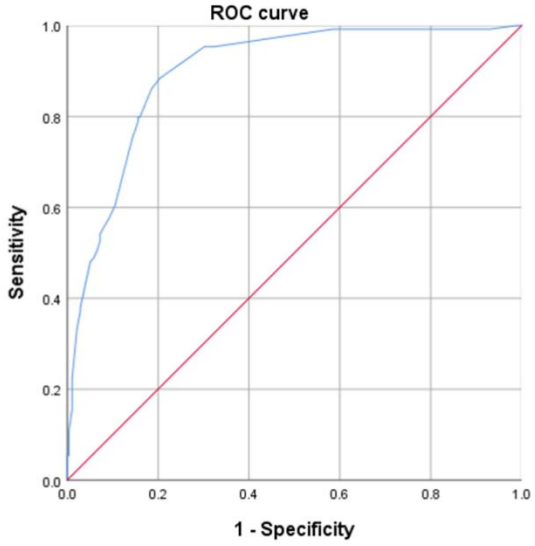
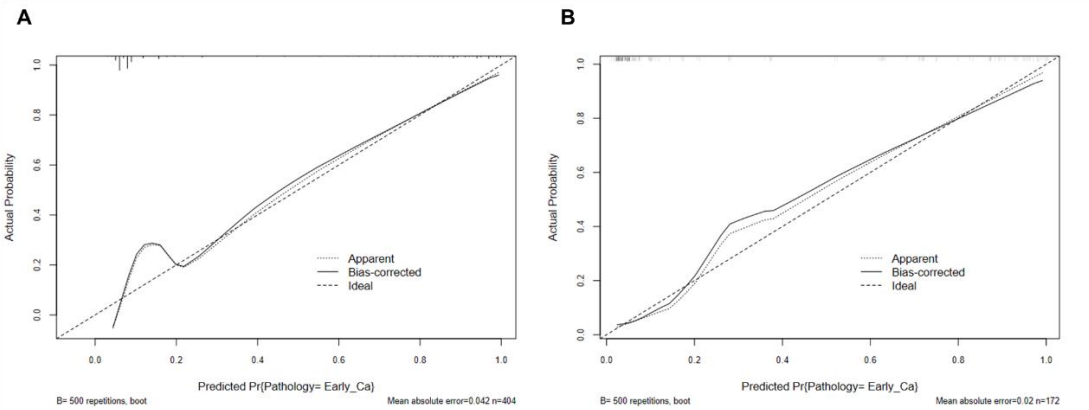
Supplementary Table 1 Multivariate Logistic Regression Analysis of Non-cancerous lesions vs. ECCs

Item	B	SE	Wald Value	OR (95%Cl)	P Value
Lesion size	2.432	0.260	87.661	11.377(6.839~18.928)	＜0.001
Lesion Location					
Colon				1.000	
Rectum	0.878	0.359	5.973	2.407(1.190~4.868)	0.015

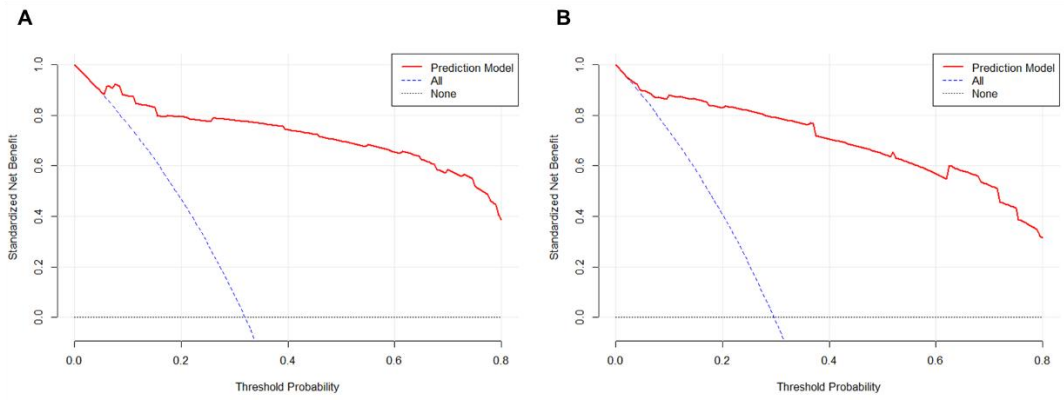


Supplementary Figure 1 Receiver operating characteristic curve of the logistic regression model.



Supplementary Figure 2 Calibration curves of the multimodal model on the training set (left) and the validation set (right)

The ideal curve (long dotted line), the calibration curve (short dotted line), and the predicted curve (solid line) are close, indicating good consistency among the three. The bootstrap-resampling is 500. A: Calibration curve in the training set; B: Calibration curve in the validation set..



Supplementary Figure 3 Decision curves of the multimodal model in the training set (left) and the validation set (right). The whole curve (gray line) represents the net clinical benefit obtained from the full acceptance of the intervention measures. The none curve (black line) represents the clinical net benefit curve obtained by completely rejecting the intervention. The red line represents the net clinical benefit curve obtained by following the multimodal model's intervention recommendation. The red line representing the prediction model is mostly above the grey and black lines, demonstrating that within that range, accepting the model's intervention has a higher net clinical benefit than intervening on all or intervening on none.A: Decision curve in the training set; B: Decision curve in the validation set.