

Table S3. Diagnostic performance of lesion to normal ratio (L/N) of chromophores (only BI-RADS category 4A cases)

Parameter	Threshold	Accuracy	Sensitivity	Specificity	AUC-ROC (95% CI)	<i>P</i> Value
THC _{L/N}	1.1862	0.750	0.933	0.588	0.769 (0.603, 0.934)	0.005
StO ₂ -L/N	0.9947	0.656	0.467	0.824	0.710 (0.520, 0.899)	0.024
Water _{L/N}	1.1531	0.750	0.800	0.706	0.733 (0.553, 0.914)	0.041
Lipid _{L/N}	0.9787	0.656	0.800	0.529	0.612 (0.406, 0.818)	0.648
HbO ₂ -L/N	1.1357	0.719	0.933	0.529	0.757 (0.589, 0.925)	0.008
HHb _{L/N}	1.3541	0.781	0.733	0.824	0.824 (0.677, 0.970)	<0.001
TOI _{L/N}	1.1862	0.906	1.000	0.824	0.902 (0.788, 1.000)	<0.001

Note.— BI-RADS = Breast Imaging Reporting and Data System. L/N = lesion to normal ratio.

AUC-ROC = area under the receiver operating characteristic curve. CI = confidence interval.

Accuracy, sensitivity, and specificity were calculated based on an optimal threshold that was generated by using the Youden index (J) method.

P values of the likelihood ratio test are provided.