

Supplementary Table 4. Diagnostic performance of MRI findings in prediction of any degree of microvascular invasion

MRI finding	Sensitivity (%)	Specificity (%)	AUC	Accuracy (%)	PPV (%)	NPV (%)
Arterial peritumoral enhancement	36.4 (71/195) [28.4, 45.9]	79.7 (248/311) [70.1, 90.3]	0.640 [0.595, 0.683]	63.0 (319/506) [56.3, 70.4]	53.0 (71/134) [41.1, 66.8]	66.7 (248/372) [58.6, 75.5]
Non-smooth tumor margin	78.0 (152/195) [66.1, 91.4]	33.4 (104/311) [27.3, 40.5]	0.594 [0.549, 0.638]	50.6 (256/506) [44.6, 57.2]	42.3 (152/359) [35.9, 49.6]	70.8 (104/147) [57.8, 85.7]
Peritumoral hypointensity on HBP	49.7 (97/195) [40.3, 60.7]	75.2 (234/311) [65.9, 85.5]	0.664 [0.620, 0.706]	65.4 (331/506) [58.6, 72.9]	55.8 (97/174) [45.2, 68.0]	70.5 (234/332) [61.7, 80.1]
Satellite nodule	15.9 (31/195) [10.8, 22.6]	89.1 (277/311) [78.9, 100.0]	0.624 [0.579, 0.667]	60.9 (308/506) [54.3, 68.1]	47.7 (31/65) [32.4, 67.7]	62.8 (277/441) [55.6, 70.7]

The lower and upper values of 95% confidence interval are presented in the brackets.

MRI, magnetic resonance imaging; AUC, area under the curve; PPV, positive predictive value; NPV, negative predictive value; HBP, hepatobiliary phase.