Table S1. Comparison of preoperative MRI staging by radiologists and pathological staging

MRI staging	Pathological Staging					Total
	Ia	Ib	II	III	IV	
Ia	28	3	1	1	0	33
Ib	1	15	0	1	0	17
II	1	1	4	2	0	8
III	1	0	0	3	1	5
IV	0	0	0	0	3	3
Total	31	19	5	7	4	66

Table S2. Preoperative staging of MRI diagnostic test evaluation index

MRI staging	Sensitivity	Specificity
Ia	90.30%	87.80%
Ib	78.90%	94.10%
II	80.00%	93.90%
III	62.50%	96.70%
IV	75.00%	95.00%

Table S3. The 10 most important features based on feature importance score in the combined model

Radiomic feature	MRI sequence	Feature importance score
Firstorder-Kurtosis-Value	CE-T1W	0.97826
GLSZM-Zoneentropy-Value	CE-T1W	0.95652
GLSZM-Graylevelvariance-Value	T2W	0.95652
GLRLM-Highgraylevelrunemphasis-Value	DWI	0.94392
GLRLM-Graylevelvariance-Value	CE-T1W	0.94333
GLSZM-Zoneentropy-Value	T2W	0.93342
Shape-Majoraxislength-Value	T2W	0.92344
GLRLM-Graylevelnonuniformity-Value	DWI	0.91282
GLCM-Inversedifferencemomentnormalized-Value	CE-T1W	0.91182
GLRLM-Graylevelnonuniformity-Value	CE-T1W	0.90281