

Supplementary Material Table 4A. Coefficients of the prediction model.

variables	OR (95%CI)	p value
seminal vesicle	2.682 (1.470-5.013)	0.001567
hypoechoic area	1.950 (1.396-2.725)	9.06e-05
shape	1.422 (0.944-2.138)	0.091243
border	1.903 (1.327-2.723)	0.000443
DRE	3.109 (2.188-4.431)	2.88e-10
PSA	1.044 (1.037-1.051)	< 2e-16

OR, odds ratio; CI, confidence interval; PSA, prostate-specific antigen; DRE, digital rectal examination.

Supplementary Material Table 4B. Performance metrics of the prediction model in

	threshold	specificity	sensitivity	accuracy	NPV	PPV
training set	0.477	0.862	0.772	0.878	0.799	0.842
validation set	0.477	0.882	0.755	0.824	0.813	0.840

NPV, negative predictive value; PPV, positive predictive value

Note: the cut-off value of training set (0.447) was assigned into the threshold of validation set