



Figure S1 The ROC curve of the mean ADC and detection of clinically significant prostate cancer. The red point is the optimal cut-off point with the highest Youden index. The AUC was 0.761. AUC, area under the curve; CI, confidence interval; ROC, receiver operating characteristic; ADC, apparent diffusion coefficient.

Table S1 Cox regression analysis of prognostic factors

Variables	Univariate analysis		Multivariate analysis	
	Odds ratio (95% CI)	P value	Odds ratio (95% CI)	P value
Age	1.050 (1.000–1.100)	0.04	0.094 (0.992–0.997)	0.99
Initial PSA	1.110 (1.030–1.180)	0.004	1.070 (0.993–1.150)	0.12
Total prostate volume	1.010 (0.992–1.020)	0.45	–	–
ROI area	1.010 (1.000–1.010)	0.01	1.000 (0.999–1.010)	0.11
ADC value				
Max	0.999 (0.998–1.000)	0.03	–	–
Min	0.9994 (0.991–0.996)	<0.001	–	–
Mean	0.994 (0.991–0.996)	<0.001	0.994 (0.992–0.997)	<0.001

CI, confidence interval; PSA, prostate-specific antigen; ROI, region of interest; ADC, apparent diffusion coefficient; Max, maximum; Min, minimum.