

S1 Table. Baseline characteristics of patients

	Predictive model	External validation	p-value
No.	300	148	
Age (yr)	66.6±9.0	66.1±8.5	0.107 ^{a)}
BMI (kg/m ²)	24.7±2.5	25.0±2.8	0.185 ^{a)}
HTN	137 (45.7)	69 (46.3)	0.834 ^{a)}
DM	111 (37.0)	54 (36.5)	0.785 ^{a)}
PSA (ng/mL)	11.3±21.5	11.2±22.0	0.962 ^{a)}
Prostate volume (cm ³)	40.9±19.0	41.5±18.7	0.146 ^{a)}
PSA density	0.33±0.61	0.32±0.69	0.735 ^{a)}
PI-RADS score			0.459 ^{b)}
0-2	44 (14.7)	21 (14.1)	
3	102 (34.0)	55 (36.9)	
4	92 (30.7)	45 (30.2)	
5	62 (20.7)	27 (18.2)	

Values are presented as mean±SD or number (%). BMI, body mass index; DM, diabetes mellitus; HTN, hypertension; PI-RADS, prostate imaging reporting and data system; PSA, prostate-specific antigen. ^{a)}p-value by Student's t test, ^{b)}p-value by chi-square test.