



Supplementary Figure 1 Flow chart.

Supplementary Table 1 Propensity core models

	Coefficient (SE)	Odds ratio	P value
Constant	-23.03 (8.96)	0.00	0.010
Age (years)	0.03 (0.05)	1.03	0.576
Marital status (married/living with partner as			

reference)			
Single/widowed/separated or divorced	1.47 (0.78)	4.34	0.059
Education (no formal education as reference)			
Uncomplete primary education	0.19 (0.89)	1.21	0.827
Primary education	0.95 (0.88)	2.60	0.280
Elementary secondary education	1.70 (1.09)	5.48	0.120
Higher secondary education	0.99 (0.97)	2.70	0.304
University studies (technical or higher)	1.63 (1.04)	5.09	0.117
Smoking status (never smoked as reference)			
Current smoker	1.82 (0.56)	6.20	0.001
Ex-smoker	-0.88 (0.56)	0.42	0.114
Prostate volume, cc	0.01 (0.01)	1.01	0.307
Gleason total score	3.70 (1.30)	40.50	0.004
PSA (ng/mL)	-0.14 (0.13)	0.87	0.264
T stage (T1c as reference)			
T2a	-0.16 (0.62)	0.85	0.798
Risk group (low as reference)			
Intermediate	-3.30 (1.44)	0.04	0.022
Erectile aid use (no as reference)			
Yes	1.84 (0.93)	6.32	0.047
Neural permeation (no as reference)			
Yes	-0.15 (0.92)	0.86	0.871
Lymphatic permeation (no as reference)			
Yes	4.56 (9.85)	95.90	0.643
Comorbidity (no as reference)			
One or more	-0.39 (0.65)	0.67	0.546
Urological history (no as reference)			
Yes	-0.96 (0.54)	0.38	0.073
Bowel history (no as reference)			
Yes	0.71 (0.60)	2.03	0.238
Family history (no as reference)			
Yes	-1.70 (0.52)	0.18	0.001

c-statistic = 0.919