APPENDIX

Supplementary Table 1. Univariate associations between selected variables and depression across the full sample

Predictor variable	New diagnosis		To start ADT	
	OR	p	OR	p
Age (10-year decrease)	1.20 (1.00–1.40)	0.047	1.31 (1.05–1.58)	0.018
Education				
Primary school	1.65 (1.07–2.54)	0.023	1.64 (0.96–2.83)	0.073
Secondary school	1.18 (0.83–1.68)	0.35	1.06 (0.65–1.74)	0.82
>Secondary school	Ref		Ref	
Tobacco use				
Never	Ref		Ref	
Current	3.13 (2.02–4.84)	<0.001	2.81 (1.50–5.24)	0.001
Former	1.30 (0.92–1.83)	0.14	1.27 (0.79–2.03)	0.33s
Alcohol				
Never	Ref		Ref	
Current	1.20 (0.70–2.05)	0.51	1.32 (0.62–2.83)	0.47
Former	3.24 (1.76–5.98)	<0.0001	2.19 (0.62–2.83)	0.078
Employed	1.01 (0.74–1.38)	0.94	0.95 (0.60–1.49)	0.81
Poor performance status (ECOG >1)	5.48 (3.91–7.70)	<0.001	5.35 (3.40–8.44)	<0.0001
Gleason score				
6 or 3+4	Ref		Ref	
4+3 or higher	1.38 (1.01–1.88)	0.041	0.87 (0.52–1.46)	0.61
Metastatic disease	1.56 (0.93–2.61)	0.094	1.14 (0.68–1.92)	0.63
Pre-existing history of depression or anxiety	3.64 (2.55–5.21)	<0.0001	3.89 (2.34–6.47)	<0.0001
BMI ≥30 kg/m^2	1.41 (0.92–2.16)	0.12	1.32 (0.96–1.81)	0.090
Erectile dysfunction (IIEF score >22)	1.45 (0.86–2.45)	0.17	2.19 (0.62–7.73)	0.22
Multiple medical comorbidities	1.90 (1.27–2.84)	0.002	1.30 (0.77–2.20)	0.32

ADT: androgen deprivation therapy; BMI: body mass index; ECOG: Eastern Cooperative Oncology Group Performance Status Score; IIEF: International Index of Erectile Function; OR: odds ratio; PC: prostate cancer.