

Table III. Odds of reclassification for categories of physical activity by different levels of patient characteristics

	Tertiles of Total PA Adjusted OR [95%CI]				Tertiles of Recreational PA Adjusted OR [95%CI]				Participation in Vigorous PA Adjusted OR [95%CI]		
	1	2	3	p-value	1	2	3	p-value	No	Yes	p-value
Age at diagnosis (years)	0.64				0.13				0.71		
40 to 61	1.00	0.41 [0.12-1.38]	0.20 [0.050-0.78]		1.00	1.09 [0.33-3.63]	0.57 [0.15-2.10]		1.00	0.28 [0.086-0.93]	
62 to 68	1.00	0.41 [0.12-1.39]	0.34 [0.10-1.11]		1.00	0.23 [0.062-0.86]	0.26 [0.078-0.86]		1.00	0.34 [0.12-0.98]	
69 to 81	1.00	0.80 [0.27-2.31]	0.76 [0.24-2.38]		1.00	1.40 [0.48-4.09]	1.76 [0.53-5.83]		1.00	0.51 [0.19-1.35]	
Time on Surveillance (years)	0.25				0.56				0.29		
0.16 to 2.33	1.00	0.21 [0.061-0.75]	0.28 [0.083-0.96]		1.00	1.21 [0.37-3.98]	1.64 [0.49-5.53]		1.00	0.52 [0.18-1.51]	
2.35 to 5.03	1.00	0.92 [0.28-3.05]	0.80 [0.26-2.50]		1.00	0.75 [0.24-2.36]	0.43 [0.12-1.54]		1.00	0.61 [0.21-1.79]	
5.04 to 15.90	1.00	0.74 [0.23-2.38]	0.20 [0.045-0.92]		1.00	0.63 [0.17-2.34]	0.47 [0.14-1.54]		1.00	0.20 [0.067-0.62]	
Family History of Prostate Cancer	0.96				0.61				0.90		
No	1.00	0.56 [0.24-1.30]	0.44 [0.18-1.07]		1.00	0.68 [0.30-1.57]	0.75 [0.31-1.80]		1.00	0.36 [0.15-0.87]	
Yes	1.00	0.33 [0.066-1.68]	0.29 [0.050-1.68]		1.00	0.49 [0.064-3.71]	0.21 [0.027-1.60]		1.00	0.47 [0.11-1.94]	
Body mass index	0.21				0.13				0.25		
20.20 – 25.36	1.00	0.31 [0.081-1.21]	0.66 [0.20-2.17]		1.00	1.47 [0.41-5.30]	1.07 [0.31-3.72]		1.00	0.47 [0.14-1.56]	
25.39 – 28.50	1.00	0.84 [0.27-2.65]	0.49 [0.14-1.72]		1.00	1.50 [0.45-4.99]	1.67 [0.48-5.82]		1.00	0.72 [0.25-2.14]	
28.60 – 40.80	1.00	0.55 [0.18-1.73]	0.14 [0.031-0.56]		1.00	0.28 [0.083-0.93]	0.22 [0.062-0.80]		1.00	0.21 [0.070-0.63]	
Waist to Hip Circumference Ratio	0.93				0.50				0.079		
0.79 – 0.93	1.00	0.77 [0.22-2.69]	0.43 [0.13-1.47]		1.00	1.88 [0.50-7.09]	1.12 [0.32-3.90]		1.00	0.67 [0.22-2.05]	
0.94 – 0.98	1.00	0.33 [0.093-1.19]	0.35 [0.10-1.23]		1.00	0.91 [0.28-2.90]	0.78 [0.20-2.98]		1.00	0.46 [0.16-1.36]	

0.99 – 1.17	1.00	0.50 [0.16-1.56]	0.39 [0.11-1.37]	1.00	0.38 [0.12-1.26]	0.37 [0.12-1.20]	1.00	0.13 [0.038-0.42]
Diet Score		0.67			0.40			0.061
Tertile 1	1.00	0.27 [0.074-0.95]	0.29 [0.080-1.03]	1.00	0.74 [0.23-2.39]	0.35 [0.092-1.30]	1.00	0.17 [0.052-0.53]
Tertile 2	1.00	0.81 [0.23-2.89]	0.50 [0.13-1.89]	1.00	0.85 [0.23-3.15]	1.63 [0.50-5.33]	1.00	0.38 [0.12-1.16]
Tertile 3	1.00	0.89 [0.27-2.91]	0.61 [0.19-1.95]	1.00	0.83 [0.26-2.68]	0.54 [0.16-1.82]	1.00	0.99 [0.36-2.76]
Tobacco Use		0.14			0.80			0.18
Yes	1.00	0.95 [0.38-2.39]	0.46 [0.17-1.25]	1.00	0.93 [0.36-2.40]	0.65 [0.26-1.64]	1.00	0.28 [0.12-0.67]
No	1.00	0.24 [0.078-0.72]	0.38 [0.14-1.03]	1.00	0.68 [0.25-1.84]	0.76 [0.26-2.18]	1.00	0.63 [0.25-1.60]
Alcohol Intake Level		0.54			0.92			0.44
None to Light	1.00	0.44 [0.19-1.04]	0.46 [0.20-1.08]	1.00	0.76 [0.33-1.75]	0.61 [0.25-1.50]	1.00	0.33 [0.15-0.76]
Moderate to Heavy	1.00	0.73 [0.23-2.37]	0.34 [0.097-1.17]	1.00	0.89 [0.26-2.97]	0.84 [0.27-2.57]	1.00	0.54 [0.19-1.48]

PA – Physical activity

OR [95%CI] – Odds Ratio [95% confidence intervals]

OR [95%CI] for reclassification by levels of physical activity adjusted for age at diagnosis and time on active surveillance