

Supplementary Table 4 Weighted Logistic Regression Analysis Demonstrating the Associations Between OBS and Patients Diagnosed Exclusively with PCa

OBS	Model 1	P for trend	Model 2	P for trend	Model 3	P for trend
	OR 95%CI		OR 95%CI		OR 95%CI	
Q1	Ref	0.517	Ref	0.022	Ref	0.008
Q2	1.046(0.687,1.592)		1.146(0.727,1.808)		1.328(0.793, 2.223)	
Q3	1.023(0.669,1.566)		1.291(0.832,2.004)		1.661(0.927, 2.977)	
Q4	1.167(0.767,1.776)		1.749(1.072,2.854)		2.737(1.304, 5.746)	
Continue	1.008(0.987,1.029)		1.146(1.131,1.160)		1.141(1.124, 1.158)	

OBS, oxidative balance score; PCa, prostate cancer; OR, odds ratio; CI, confidence interval.

Model 1: unadjusted.

Model 2: adjusted for age group, race,marital status,education level and family income.

Model 3: Additionally, adjusted for CRP, total energy intake, protein, carbohydrate, cholesterol, hypertension and diabetes mellitus.