A cross-sectional study examining the correlation between the oxidative balance

score and prostate cancer

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OBS components	Property	Male		
		0	1	2
Dietary OBS components				
Dietary fiber (g/d)	А	<12.56	12.56-19.70	≥19.70
Carotene (RE/d)	А	<98.83	98.83-306.25	≥306.25
Riboflavin (mg/d)	А	<1.79	1.79-2.69	≥2.69
Niacin (mg/d)	А	<20.65	20.65-29.75	≥29.75
Vitamin B ₆ (mg/d)	А	<1.59	1.59-2.40	≥2.40
Total folate (mcg/d)	А	<316.00	316.00-492.00	≥492.00
Vitamin B ₁₂ (mcg/d)	А	<3.36	3.36-6.20	≥6.20
Vitamin C (mg/d)	А	<42.44	42.44-113.21	≥113.21
Vitamin E (ATE) (mg/d)	А	<5.82	5.82-9.42	≥9.42
Calcium (mg/d)	А	<646.00	646.00-1072.00	≥1072.00
Magnesium (mg/d)	А	<257.00	257.00-361.28	≥361.28
Zinc (mg/d)	А	<9.75	9.75-15.10	≥15.10
Copper (mg/d)	А	<1.12	1.12-1.57	≥1.57
Selenium (mcg/d)	А	<94.94	94.94-141.80	≥141.80
Total fat (g/d)	Р	≥69.83	69.83-107.43	<107.43
Iron (mg/d)	Р	≥12.88	12.88-19.17	<19.17
Lifestyle OBS components				
Physical activity (MET-minute/week)	А	<417.86	417.86-1135.71	≥1135.71

Supplementary Table 1: Components of the oxidative balance score (Zhang et al., 2022)

OBS components	Property	Male		
		0	1	2
Alcohol (g/d)	Р	≥30	0-30	None
Body mass index (kg/m ²)	Р	≥25.54	25.54-29.17	<29.17
Cotinine (ng/mL)	Р	≥0.038	0.038-1.13	<1.13

OBS: oxidative balance score; A: antioxidant; P: prooxidant; RE: retinol equivalent; ATE: alpha-tocopherol equivalent; MET: metabolic equivalent.