

Supplementary Table 3. Adjusted OR (95% CI) of Adults Having Insulin Resistance by Vitamin D Concentrations

	25(OH)D (ng/mL)			<i>p</i> for trend
	<20	20-30	≤30	
Total, cases/n (%)	58/292 (19.9)	70/299 (23.4)	43/216 (19.4)	
Unadjusted	0.94 (0.59-1.49)	1.20 (0.78-1.86)	1.00 (ref)	0.788
Model 1	0.96 (0.61-1.52)	1.22 (0.79-1.89)	1.00 (ref)	0.855
Model 2	0.91 (0.56-1.48)	1.02 (0.64-1.63)	1.00 (ref)	0.714
Men, cases/n (%)	15/77 (19.5)	22/118 (18.6)	23/129 (17.8)	
Unadjusted	1.12 (0.54-2.30)	1.06 (0.55-2.02)	1.00 (ref)	0.768
Model 1	1.10 (0.53-2.27)	1.02 (0.53-1.95)	1.00 (ref)	0.802
Model 2	0.91 (0.42-1.97)	0.80 (0.40-1.61)	1.00 (ref)	0.816
Women, cases/n (%)	43/215 (20.0)	48/181 (26.5)	19/87 (21.8)	
Unadjusted	0.90 (0.49-1.64)	1.29 (0.70-2.37)	1.00 (ref)	0.720
Model 1	0.95 (0.52-1.76)	1.34 (0.73-2.48)	1.00 (ref)	0.875
Model 2	0.93 (0.48-1.77)	1.14 (0.60-2.18)	1.00 (ref)	0.815

OR, odds ratio; CI, confidence interval.

Model 1: adjusted for age. Model 2: adjusted for age, body mass index, smoking status, alcohol intake, regular exercise, and menopausal status. In total, three models were additionally adjusted for sex.