Supplementary Table S5 Sensitivity analysis: association of dietary fat consumption quartiles with TPOAb

Fat consumption	Unadjusted model		Fully-adjusted model[a]	
	OR (95% CI)	P	OR (95% CI)	P
Total fat				
Overall				
Q1	Reference		Reference	
Q2	0.96(0.70-1.31)		0.91(0.66-1.26)	
Q3	0.87(0.65-1.15)		0.87(0.65-1.16)	
Q4	0.70(0.49-1.01)		0.76(0.53-1.08)	
Men				
Q1	Reference		Reference	
Q2	1.17(0.60-2.32)		1.12(0.56-2.23)	
Q3	1.00(0.56-1.79)		0.96(0.56-1.63)	
Q4	0.89(0.52-1.55)		0.90(0.52-1.58)	
Women				
Q1	Reference		Reference	
Q2	0.96(0.68-1.35)		0.91(0.64-1.30)	
Q3	1.03(0.71-1.48)		1.05(0.73-1.52)	
Q4	1.01(0.67-1.54)		1.12(0.76-1.65)	
Total SFA				
Overall				
Q1	Reference		Reference	
Q2	0.87(0.67-1.13)		0.83(0.63-1.08)	
Q3	0.75(0.55-1.03)		0.76(0.56-1.04)	
Q4	0.66(0.47-0.92)		0.69(0.50-0.96)	
Men				
Q1	Reference		Reference	
Q2	1.08(0.60-1.95)		1.03(0.58-1.82)	
Q3	0.70(0.40-1.24)		0.68(0.41-1.14)	
Q4	0.78(0.47-1.28)		0.77(0.47-1.25)	
Women				
Q1	Reference		Reference	
Q2	0.83(0.60-1.13)		0.78(0.55-1.10)	
Q3	0.94(0.66-1.36)		0.97(0.66-1.41)	
Q4	0.89(0.59-1.34)		0.96(0.64-1.42)	
Total MUFA				
Overall		*		
Q1	Reference		Reference	
Q2	0.94(0.71-1.26)		0.92(0.69-1.21)	
Q3	0.72(0.53-0.98)		0.73(0.53-0.99)	
Q4	0.66(0.45-0.97)		0.73(0.51-1.04)	

Men		
Q1	Reference	Reference
Q2	1.29(0.62-2.67)	1.27(0.62-2.59)
Q3	0.81(0.42-1.54)	0.77(0.42-1.43)
Q4	0.98(0.55-1.73)	1.02(0.58-1.80)
Women		
Q1	Reference	Reference
Q2	0.93(0.68-1.27)	0.90(0.66-1.23)
Q3	0.90(0.60-1.33)	0.92(0.63-1.37)
Q4	0.85(0.55-1.33)	0.96(0.63-1.46)
Total PUFA		
Overall		
Q1	Reference	Reference
Q2	0.85(0.62-1.17)	0.83(0.60-1.15)
Q3	0.85(0.60-1.21)	0.82(0.57-1.20)
Q4	0.72(0.54-0.96)	0.76(0.58-1.01)
Men		
Q1	Reference	Reference
Q2	1.10(0.63-1.89)	1.01(0.58-1.74)
Q3	0.78(0.43-1.40)	0.72(0.40-1.29)
Q4	0.96(0.57-1.62)	0.95(0.57-1.58)
Women		
Q1	Reference	Reference
Q2	0.84(0.58-1.23)	0.83(0.56-1.22)
Q3	1.03(0.69-1.53)	1.02(0.69-1.53)
Q4	0.86(0.63-1.18)	0.93(0.69-1.26)

Abbreviations: BMI, body mass index; CI, confidence interval; MUFA, monounsaturated fatty acids; OR, odds ratio; PUFA, polyunsaturated fatty acids; SFA, saturated fatty acids; TPOAb, antithyroid peroxidase antibodies.

a: adjusted for race/ethnicity (non-Hispanic white, non-Hispanic black, Mexican Americans, and others), age, BMI, smoking status and urine iodine concentration.

* P< .05.