Supplementary Table S4 Sensitivity analysis: association of dietary fat consumption quartiles with TgAb

Fat consumption	Unadjusted model		Fully-adjusted model[a]	
	OR (95% CI)	P	OR (95% CI)	P
Total fat				
Overall		**		*
Q1	Reference		Reference	
Q2	0.92(0.60-1.41)		0.89(0.58-1.38)	
Q3	0.71(0.52-0.96)		0.73(0.53-1.01)	
Q4	0.45(0.29-0.71)		0.51(0.32-0.83)	
Men		*		*
Q1	Reference		Reference	
Q2	0.78(0.45-1.37)		0.75(0.41-1.37)	
Q3	0.60(0.33-1.11)		0.56(0.30-1.06)	
Q4	0.38(0.21-0.70)		0.38(0.20-0.73)	
Women				
Q1	Reference		Reference	
Q2	1.01(0.59-1.70)		0.97(0.56-1.68)	
Q3	0.86(0.56-1.34)		0.91(0.58-1.44)	
Q4	0.70(0.43-1.16)		0.81(0.46-1.43)	
Total SFA				
Overall		***		***
Q1	Reference		Reference	
Q2	1.10(0.74-1.62)		1.06(0.70-1.60)	
Q3	0.77(0.56-1.07)		0.80(0.55-1.15)	
Q4	0.41(0.25-0.67)		0.45(0.27-0.75)	
Men		**		**
Q1	Reference		Reference	
Q2	1.02(0.57-1.85)		1.04(0.59-1.84)	
Q3	0.61(0.32-1.15)		0.60(0.33-1.10)	
Q4	0.39(0.21-0.73)		0.40(0.22-0.73)	
Women		*		
Q1	Reference		Reference	
Q2	1.14(0.72-1.80)		1.10(0.67-1.81)	
Q3	0.98(0.62-1.55)		1.03(0.61-1.73)	
Q4	0.53(0.28-1.02)		0.59(0.29-1.19)	
Total MUFA				
Overall		**		*
Q1	Reference		Reference	
Q2	0.85 (0.61-1.20)		0.84(0.59-1.18)	
Q3	0.58 (0.38-0.87)		0.60(0.39-0.93)	
Q4	0.44 (0.29-0.66)		0.50(0.32-0.77)	

Men		*	*
Q1	Reference		Reference
Q2	0.67(0.41-1.11)		0.65(0.37-1.15)
Q3	0.49(0.27-0.91)		0.47(0.25-0.88)
Q4	0.34(0.17-0.67)		0.35(0.17-0.73)
Women			
Q1	Reference		Reference
Q2	0.97(0.65-1.46)		0.93(0.61-1.43)
Q3	0.69(0.40-1.20)		0.73(0.41-1.31)
Q4	0.71(0.44-1.16)		0.84(0.50-1.41)
Total PUFA			
Overall		*	
Q1	Reference		Reference
Q2	0.69 (0.45-1.05)		0.67(0.44-1.03)
Q3	0.75(0.55-1.03)		0.75(0.54-1.04)
Q4	0.57(0.42-0.78)		0.63(0.45-0.87)
Men		*	*
Q1	Reference		Reference
Q2	0.58(0.30-1.13)		0.49(0.25-0.96)
Q3	0.62(0.33-1.18)		0.54(0.29-1.03)
Q4	0.47(0.28-0.80)		0.44(0.25-0.77)
Women			
Q1	Reference		Reference
Q2	0.78(0.48-1.26)		0.77(0.47-1.28)
Q3	0.90(0.56-1.44)		0.93(0.57-1.51)
Q4	0.84(0.54-1.30)		0.95(0.61-1.47)

Abbreviations: BMI, body mass index; CI, confidence interval; MUFA, monounsaturated fatty acids; OR, odds ratio; PUFA, polyunsaturated fatty acids; SFA, saturated fatty acids; TgAb, antithyroglobulin 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; ** P< .01; *** P< .001.