Supplementary Table S3 Sensitivity analysis: association of dietary fat consumption quartiles with thyroid autoimmunity

Fat consumption	Unadjusted model		Fully-adjusted model[a]	
	OR (95% CI)	P	OR (95% CI)	P
total fat				
Overall		**		*
Q1	Reference		Reference	
Q2	0.97(0.75-1.26)		0.93(0.71-1.21)	
Q3	0.77(0.63-0.95)		0.78(0.63-0.96)	
Q4	0.58(0.42-0.80)		0.63(0.46-0.87)	
Men		*		
Q1	Reference		Reference	
Q2	0.83(0.50-1.39)		0.80(0.47-1.36)	
Q3	0.78(0.48-1.27)		0.76(0.47-1.22)	
Q4	0.56(0.37-0.87)		0.58(0.37-0.92)	
Women				
Q1	Reference		Reference	
Q2	1.07(0.80-1.45)		1.01(0.74-1.39)	
Q3	0.91(0.68-1.21)		0.93(0.70-1.25)	
Q4	0.92(0.63-1.35)		1.02(0.71-1.48)	
Total SFA				
Overall		***		**
Q1	Reference		Reference	
Q2	0.96(0.75-1.23)		0.92(0.71-1.19)	
Q3	0.75(0.60-0.96)		0.77(0.61-0.98)	
Q4	0.56(0.41-0.76)		0.60(0.44-0.81)	
Men		**		*
Q1	Reference		Reference	
Q2	0.96(0.58-1.60)		0.95(0.58-1.56)	
Q3	0.65(0.39-1.06)		0.64(0.41-1.01)	
Q4	0.57(0.38-0.84)		0.58(0.39-0.86)	
Women				
Q1	Reference		Reference	
Q2	0.98(0.73-1.32)		0.93(0.68-1.28)	
Q3	0.96(0.71-1.30)		0.99(0.72-1.37)	
Q4	0.80(0.55-1.15)		0.85(0.59-1.22)	
Total MUFA				
Overall		***		**
Q1	Reference		Reference	
Q2	0.90(0.70-1.17)		0.88(0.69-1.12)	
Q3	0.64(0.49-0.83)		0.65(0.50-0.85)	
Q4	0.55(0.39-0.77)		0.61(0.44-0.84)	

Men			
Q1	Reference		Reference
Q2	0.84(0.50-1.43)		0.83(0.48-1.44)
Q3	0.57(0.34-0.96)		0.56(0.34-0.93)
Q4	0.57(0.36-0.88)		0.60(0.38-0.96)
Women			
Q1	Reference		Reference
Q2	0.99(0.75-1.32)		0.95(0.71-1.28)
Q3	0.81(0.57-1.15)		0.84(0.59-1.18)
Q4	0.82(0.54-1.25)		0.94(0.63-1.41)
Total PUFA			
Overall		**	*
Q1	Reference		Reference
Q2	0.79(0.60-1.03)		0.77(0.58-1.01)
Q3	0.80(0.63-1.01)		0.78(0.60-1.02)
Q4	0.61(0.48-0.79)		0.66(0.52-0.84)
Men			
Q1	Reference		Reference
Q2	0.83(0.50-1.37)		0.75(0.45-1.25)
Q3	0.69(0.41-1.14)		0.64(0.39-1.05)
Q4	0.69(0.44-1.08)		0.69(0.44-1.08)
Women			
Q1	Reference		Reference
Q2	0.83(0.61-1.14)		0.81(0.59-1.13)
Q3	0.98(0.72-1.33)		0.98(0.72-1.34)
Q4	0.80(0.60-1.05)		0.87(0.66-1.14)

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

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.