Supplementary Table S6 Association of dietary fat consumption[a] with thyroid autoimmunity, TgAb and TPOAb in men and women

	Thyroid autoimmunity		TgAb seropositivity		TPOAb seropositivity	
Fat consumption	Unadjusted model	Fully-adjusted model[b]	Unadjusted model	Fully-adjusted model[b]	Unadjusted model	Fully-adjusted model[b]
Total fat						
Overall						
OR (95% CI)	0.64(0.54-0.77)***	0.67(0.56-0.81)***	0.58(0.46-0.72)***	0.61(0.47-0.79)***	0.73(0.59-0.91)**	0.76(0.61-0.94)*
Men						
OR (95% CI)	0.62(0.48-0.80)***	0.62(0.48-0.81)***	0.49(0.34-0.70)***	0.47(0.32-0.69)***	0.78(0.58-1.04)	0.78(0.57-1.06)
Women						
OR (95% CI)	0.85(0.68-1.07)	0.89(0.71-1.13)	0.77(0.55-1.08)	0.82(0.55-1.21)	0.93(0.73-1.19)	0.97(0.75-1.24)
Total SFA						
Overall						
OR (95% CI)	0.65(0.54-0.79)***	0.68(0.56-0.82)***	0.56(0.44-0.71)***	0.58(0.43-0.78)***	0.73(0.59-0.92)**	0.76(0.61-0.94)*
Men						
OR (95% CI)	0.63(0.50-0.81)***	0.64(0.50-0.81)**	0.49(0.35-0.68)***	0.47(0.34-0.66)***	0.77(0.59-1.01)	0.76(0.57-1.02)
Women						

OR (95% CI)	0.84(0.66-1.08)	0.88(0.68-1.14)	0.72(0.49-1.06)	0.75(0.47-1.20)	0.91(0.68-1.21)	0.94(0.71-1.26)
Total MUFA						
Overall						
OR (95% CI)	0.63(0.52-0.76)***	0.66(0.55-0.81)***	0.57(0.45-0.72)***	0.60(0.46-0.79)***	0.71(0.57-0.89)**	0.74(0.59-0.93)*
Men						
OR (95% CI)	0.62(0.48-0.80)***	0.64(0.49-0.83)**	0.49(0.34-0.72)***	0.48(0.33-0.72)***	0.79(0.59-1.05)	0.80(0.59-1.10)
Women						
OR (95% CI)	0.82(0.64-1.06)	0.87(0.67-1.13)	0.75(0.53-1.06)	0.80(0.54-1.19)	0.87(0.66-1.15)	0.91(0.69-1.20)
Total PUFA						
Overall						
OR (95% CI)	0.76(0.65-0.90)**	0.79(0.66-0.94)**	0.72(0.58-0.88)**	0.74(0.59-0.94)*	0.87(0.71-1.05)	0.89(0.72-1.08)
Men						
OR (95% CI)	0.75(0.57-0.99)*	0.76(0.57-1.00)	0.65(0.44-0.95)*	0.62(0.41-0.94)*	0.90(0.66-1.23)	0.90(0.65-1.24)
Women						
OR (95% CI)	0.95(0.76-1.20)	0.99(0.78-1.24)	0.90(0.66-1.25)	0.95(0.69-1.32)	1.06(0.81-1.37)	1.08(0.83-1.40)

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; TPOAb, antithyroid peroxidase antibodies.

a: Ln(x+1) transformed value due to zeros existing in log transformationt (17, 18).

b: 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.