Supplementary Table S7 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)	0.65(0.55-0.76)***	0.71(0.60-0.84)***	0.60(0.49-0.74)***	0.67(0.52-0.86)**	0.74(0.61-0.90)**	0.82(0.68-0.99)*
Men						
OR (95% CI)	0.62(0.49-0.80)***	0.64(0.49-0.84)**	0.51(0.35-0.73)***	0.50(0.33-0.76)**	0.80(0.60-1.07)	0.83(0.61-1.12)
Women						
OR (95% CI)	0.89(0.73-1.08)	0.94(0.77-1.15)	0.82(0.62-1.10)	0.89(0.62-1.26)	0.97(0.78-1.21)	1.04(0.83-1.30)
Total SFA						
Overall						
OR (95% CI)	0.65(0.55-0.77)***	0.71(0.60-0.84)***	0.58(0.47-0.73)***	0.63(0.48-0.83)**	0.74(0.60-0.90)**	0.80(0.67-0.97)*
Men						
OR (95% CI)	0.64(0.51-0.82)***	0.65(0.51-0.84)**	0.51(0.36-0.72)***	0.50(0.35-0.72)***	0.80(0.61-1.04)	0.81(0.60-1.08)
Women						

OR (95% CI)	0.86(0.70-1.05)	0.89(0.71-1.12)	0.76(0.56-1.05)	0.80(0.54-1.20)	0.93(0.73-1.18)	0.98(0.76-1.28)
Total MUFA						
Overall						
OR (95% CI)	0.64(0.54-0.76)***	0.71(0.60-0.85)***	0.59(0.48-0.74)***	0.66(0.51-0.86)**	0.73(0.60-0.89)**	0.81(0.67-0.99)*
Men						
OR (95% CI)	0.63(0.49-0.81)***	0.66(0.50-0.87)**	0.51(0.35-0.74)***	0.52(0.34-0.79)**	0.81(0.61-1.08)	0.85(0.62-1.17)
Women						
OR (95% CI)	0.87(0.70-1.09)	0.93(0.75-1.16)	0.80(0.60-1.10)	0.87(0.61-1.25)	0.94(0.73-1.20)	1.00(0.78-1.28)
Total PUFA						
Overall						
OR (95% CI)	0.75(0.65-0.87)***	0.82(0.70-0.95)*	0.74(0.61-0.89)**	0.81(0.65-1.01)	0.85(0.72-1.00)	0.92(0.77-1.11)
Men						
OR (95% CI)	0.74(0.57-0.97)*	0.76(0.58-1.01)	0.65(0.45-0.94)*	0.64(0.42-0.97)	0.90(0.67-1.21)	0.93(0.69-1.26)
Women						
OR (95% CI)	0.96(0.79-1.17)	1.01(0.84-1.22)	0.96(0.73-1.26)	1.03(0.77-1.39)	1.05(0.84-1.32)	1.10(0.88-1.38)

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 transformation (17, 18).

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

* P< .05; ** P< .01; *** P< .001.