Supplementary Table S1 Association of dietary fat consumption[a] with thyroid autoimmunity, TgAb and TPOAb in the overall population

	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						
OR (95% CI)	0.65(0.55-0.76)***	0.68(0.57-0.80)***	0.60(0.49-0.74)***	0.63(0.50-0.81)***	0.74(0.61-0.90)**	0.77(0.64-0.93)**
Total SFA						
OR (95% CI)	0.65(0.55-0.77)***	0.68(0.57-0.80)***	0.58(0.47-0.73)***	0.61(0.47-0.79)***	0.74(0.60-0.90)**	0.76(0.63-0.92)**
Total MUFA						
OR (95% CI)	0.64(0.54-0.76)***	0.68(0.57-0.81)***	0.59(0.48-0.74)***	0.63(0.49-0.81)***	0.73(0.60-0.89)**	0.76(0.62-0.94)*
Total PUFA						
OR (95% CI)	0.75(0.65-0.87)***	0.78(0.67-0.91)**	0.74(0.61-0.89)**	0.77(0.63-0.95)*	0.85(0.72-1.00)	0.87(0.73-1.04)

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 and urine iodine concentration.

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