

TABLE S1 (supplemental): Dose-response effect of dietary ARA intake at constant DHA, or DHA intake at constant ARA, on plasma fatty acid levels

	Coefficient				P-value				FDR	Coefficient				P-value				FDR
	Intercept	ARA	Gender	ARA x Gender	Intercept	ARA	Gender	ARA x Gender		Intercept	DHA	Gender	DHA x Gender	Intercept	DHA	Gender	DHA x Gender	
18:2n-6 (LA)	0.33	0.28			0.00	0.03			0.06	0.47			0.00				1.00	
18:3n-3 (ALA)	-0.95	0.31			0.00	0.05			0.06	-0.80			0.00				1.00	
20:4n-6 (ARA)	-0.03	0.39			0.43	0.00			0.00	-0.84			0.00				1.00	
20:5n-3 (EPA)	-1.60				0.00				1.00	-1.75	0.18		0.00	0.06			0.18	
22:6n-3 (DHA)	-0.03	0.15	0.06		0.47	0.03	0.09		0.06	-0.32	0.54		0.00	0.00			0.00	

Coefficient, p-value, and False Discovery Rate (FDR) for diet and gender (interaction) effects by linear mixed modeling methodology.