

Supplementary Table 1. Odds ratios (OR) and 95% confidence Intervals (CI) by fruit and vegetable quintiles, Mediterranean diet index, and dietary inflammation index quintiles.

*univariate analysis

**multivariate logistic regression models adjusted for age, parity, menopausal status, hormone replacement therapy use, oral contraceptive use, body mass index, age at menarche, physical activity, education, smoking status, and total energy intake.

Normal weight (BMI <25)					Overweith (BMI 25-30)					Obese (BMI >30)				
	Crude OR*	95% CI	Adjusted OR**	95% CI		Crude OR*	95% CI	Adjusted OR**	95% CI		Crude OR*	95% CI	Adjusted OR**	95% CI
FRUIT														
1 st quintile	Reference	-	Reference	-	1 st quintile	Reference	-	Reference	-	1 st quintile	Reference	-	Reference	-
2 nd quintile	1.20	0.56-2.61	0.89	0.38-2.07	2 nd quintile	0.81	0.34-1.98	1.03	0.36-2.98	2 nd quintile	0.46	0.16-1.33	0.33	0.08-1.33
3 rd quintile	0.94	0.43-2.05	0.74	0.31-1.79	3 rd quintile	0.81	0.33-2.00	0.62	0.22-1.78	3 rd quintile	0.39	0.12-1.19	0.38	0.08-1.73
4 th quintile	0.72	0.32-1.59	0.41	0.16-1.06	4 th quintile	0.94	0.40-2.23	1.40	0.48-4.06	4 th quintile	0.88	0.25-3.15	0.43	0.09-2.07
5 th quintile	1.00	0.46-2.20	0.72	0.28-1.85	5 th quintile	0.37	0.14-0.99	0.70	0.20-2.42	5 th quintile	0.35	0.10-1.16	0.29	0.06-1.45
p-value for trend	0.58		0.19		p-value for trend	0.13		0.85		p-value for trend	0.23		0.24	
VEGETABLES														
1 st quintile	Reference	-	Reference	-	1 st quintile	Reference	-	Reference	-	1 st quintile	Reference	-	Reference	-
2 nd quintile	0.87	0.42-1.77	0.77	0.34-1.77	2 nd quintile	2.47	1.04-5.84	3.12	1.16-8.38	2 nd quintile	1.04	0.29-3.69	0.73	0.18-2.96
3 rd quintile	0.55	0.25-1.24	0.41	0.17-1.02	3 rd quintile	1.02	0.40-2.58	1.71	0.59-4.99	3 rd quintile	0.28	0.09-0.86	0.31	0.08-1.26
4 th quintile	0.75	0.35-1.61	0.54	0.21-1.38	4 th quintile	1.08	0.43-2.72	1.40	0.48-4.10	4 th quintile	0.27	0.08-0.84	0.27	0.06-1.24
5 th quintile	0.29	0.12-0.70	0.32	0.11-0.92	5 th quintile	0.42	0.14-1.31	0.49	0.13-1.81	5 th quintile	0.20	0.05-0.73	0.26	0.04-1.56
p-value for trend	0.01		0.02		p-value for trend	0.03		0.16		p-value for trend	0.001		0.06	
MEDITERRANEAN DIET INDEX														
Low adherence (0-3 habits)	Reference	-	Reference	-	Low adherence (0-3 habits)	Reference	-	Reference	-	Low adherence (0-3 habits)	Reference	-	Reference	-
Moderate adherence (4-5 habits)	0.74	0.43-1.28	0.75	0.41-1.39	Moderate adherence (4-5 habits)	0.48	0.26-0.90	0.54	0.34-2.53	Moderate adherence (4-5 habits)	0.47	0.21-1.04	0.37	0.14-0.99
High adherence (6-8 habits)	0.38	0.16-0.89	0.33	0.13-0.84	High adherence (6-8 habits)	0.65	0.27-1.54	0.93	0.34-2.53	High adherence (6-8 habits)	0.31	0.09-1.09	0.37	0.07-2.07
p-value for trend	0.03		0.03		p-value for trend	0.11		0.45		p-value for trend	0.03		0.06	
DIETARY INDEX OF INFLAMMATION														
1 st quintile	Reference	-	Reference	-	1 st quintile	Reference	-	Reference	-	1 st quintile	Reference	-	Reference	-
2 nd quintile	1.19	0.51-2.74	2.35	0.82-6.73	2 nd quintile	2.14	0.81-5.63	2.55	0.78-8.37	2 nd quintile	2.06	0.65-6.51	1.97	0.45-8.69
3 rd quintile	0.70	0.30-1.64	1.11	0.34-3.60	3 rd quintile	2.97	1.10-7.99	4.37	1.18-16.2	3 rd quintile	3.71	1.02-13.5	2.37	0.46-12.2
4 th quintile	1.01	0.42-2.41	1.74	0.48-6.36	4 th quintile	2.40	0.96-6.01	3.77	0.94-15.2	4 th quintile	3.12	0.95-10.2	2.96	0.47-18.5
5 th quintile	0.88	0.38-2.01	1.56	0.37-6.54	5 th quintile	3.65	1.32-10.1	4.46	0.82-24.3	5 th quintile	2.62	0.87-7.88	1.72	0.21-14.3
p-value for trend	0.63		0.86		p-value for trend	0.02		0.11		p-value for trend	0.08		0.55	