

Table 1. The correlation between the quartile for the plasma levels of antioxidant vitamins and the risk of cervical cancer

	Quartile for the plasma levels of antioxidant vitamins				<i>P</i> -value
	Q1	Q2	Q3	Q4	
Plasma level of α -carotene					
Case (Case/Control)	130/185	131/186	117/186	80/185	
Median (Case/Control), mg/day	3.06/3.06	4.52/4.56	5.94/5.99	6.43/6.51	
initial ORs (95%CI)	1.00	1.00(0.73,1.38)	0.90(0.65,1.24)	0.62(0.44,0.87)	0.006
adjusted ORs (95%CI)	1.00	1.01(0.73,1.38)	0.93(0.67,1.29)	0.66(0.46,0.93)	0.024
Plasma level of β -carotene					
Case (Case/Control)	155/185	120/186	92/186	87/185	
Median (Case/Control), mg/day	9.6/9.5	16.1/16.1	24.0/24.8	33.2/33.6	
initial ORs (95%CI)	1.00	0.77(0.56,1.05)	0.59(0.43,0.83)	0.61(0.44,0.85)	0.001
adjusted ORs (95%CI)	1.00	0.79(0.57,1.08)	0.62(0.44,0.87)	0.63(0.45,0.90)	0.006

Initial and adjusted ORs (95%CI) :generated by Cox regression. Co-variations including age, body mass index, marital status, smoking and drinking, calcium supplementation, menopause, etc.