

Table 2 Serum levels of 25 (OH)D concentration among cancer and control groups, Izmir, 2008-2013

Group	No.	Serum level of 25 (OH)D (ng/mL)				Effect size (Cohen's d)
		Mean (SD)	Median (Q1, Q4) ^a	Min	Max	
All						
Cases	179	14.85 (8.51) ^b	14.36 (8.80,18.68)	4.20	77.06	0.07
Controls	427	14.31 (7.09)	13.67 (8.61,19.14)	4.20	38.48	
Lung						
Cases	42	12.36(5.35) ^{b*}	11.40 (8.00, 16.12)	4.20	27.37	0.31
Controls	427	14.31 (7.09)	13.67 (8.61,19.14)	4.20	38.48	
Colorectal						
Cases	22	13.56(6.25)	12.78 (7.52, 18.55) ^c	4.40	24.80	0.11
Controls	427	14.31 (7.09)	13.67 (8.61,19.14)	4.20	38.48	
Breast						
Cases	57	14.48 (11.69) ^b	11.73 (7.05, 18.62)	4.20	77.06	0.19
Controls	216	12.71 (6.83)	11.45 (6.67, 17.27)	4.20	38.49	
Prostate						
Cases	52	18.01 (6.73) ^b	17.47 (14.25, 21.05)	6.45	47.14	0.30
Controls	211	15.95 (7.01)	14.78 (10.46, 20.54)	4.20	36.26	

SD = standard deviation.

*P < 0.05

^aQ1 = quartile 1, Q4 = quartile 4.

^bIndependent samples t-test.

^cMann-Whitney U test.