

Table 3. Serum lipids and glucose levels comparison, between 2011 and 1989, among 12 to 14 years old adolescents, of rural areas of Heraklion Crete

12-14 years old	All cases			Girls			Boys		
	2011 N (%)	1989 N (%)	p- value	2011 N (%)	1989 N (%)	p- value	2011 N (%)	1989 N (%)	p- value
HDL-C									
<40 mg/dl	9 (15.8)	10 (18.5)	0.803	1 (4)	4 (12.1)*	0.378	8 (25)	6 (28.6)	1.00
>40 mg/dl	48 (84.2)	44 (81.5)		24 (96)	29 (87.9)		24 (75)	15 (71.4)	
LDL-C									
<100 mg/dl	33 (57.9)	16 (29.1)	0.002	12 (48)	10 (29.4)	0.179	21 (65.6)	6 (28.6)	0.012
>100 mg/dl	24 (42.1)	39 (70.9)		13 (52)	24 (70.6)		11 (34.4)	15 (71.4)	
Total Cholesterol									
<170 mg/dl	36 (63.2)	20 (36.4)	0.008	14 (56)	12 (35.3)	0.184	22 (68.8)	8 (38.1)	0.047
>170 mg/dl	21 (36.8)	35 (63.6)		11 (44)	22 (64.7)		10 (31.2)	13 (61.9)	
Blood Glucose									
<100 mg/dl	54 (94.7)	51 (92.7)	0.714	24 (96)	32 (94.1)	1.00	30 (93.8)	19 (90.5)	1.00
>100 mg/dl	3 (5.3)	4 (7.3)		1 (4)	2 (5.9)		2 (6.2)	2 (9.5)	
Triglycerides									
<75 mg/dl	33 (57.9)	34 (61.8)	0.703	11 (44)	18 (52.9)	0.339	22 (68.8)	16 (76.2)	0.395
>75 mg/dl	24 (42.1)	21 (38.2)		14 (56)	16 (47.1)		10 (31.2)	5 (23.8)	

2011: Total = 57 (100%), Girls = 25 (43.8%), Boys = 32 (56.2%). 1989: Total = 55 (100%), Girls = 34 (61.8%), Boys = 21 (38.2%)

*Missing value in 1989 girls = 1 (2.9%). Chi squared analysis.