

FIGURES

Figure 1. Map of Peru indicating the CRONICAS Cohort Study's sites.

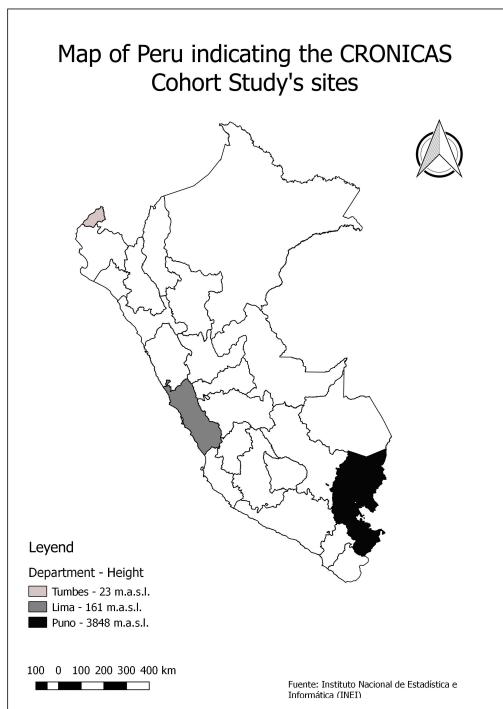


Figure 2. Prevalence of dyslipidemia traits by urbanization level and altitude

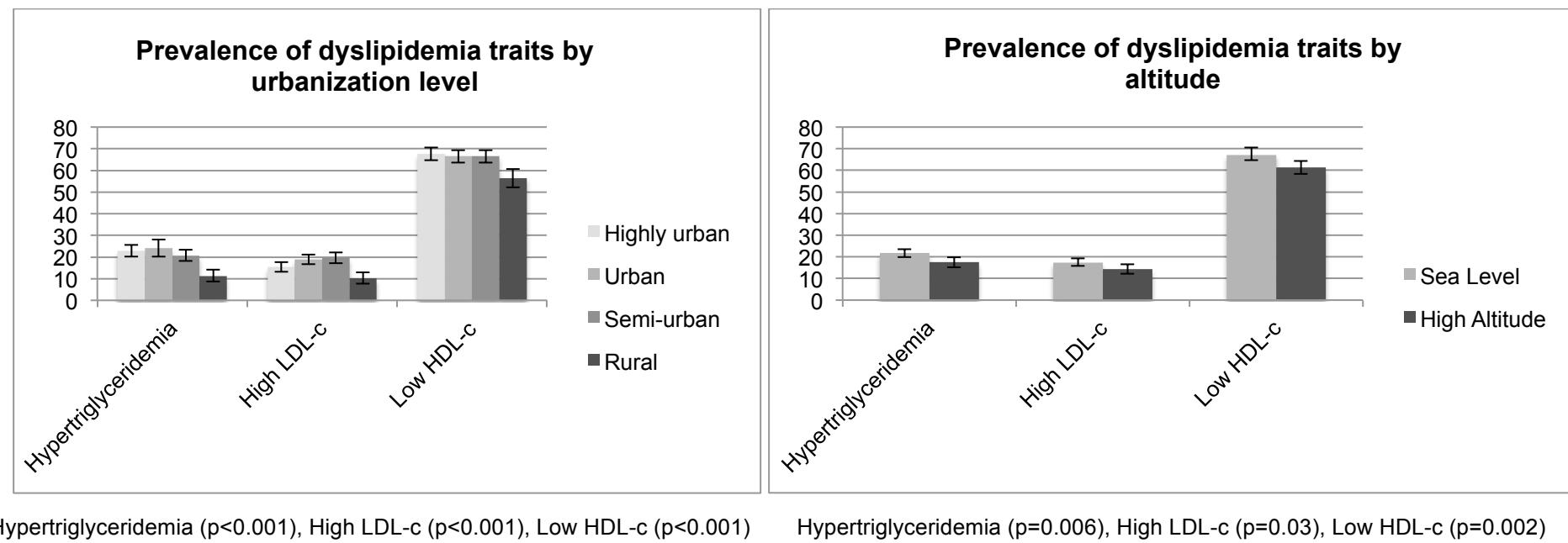


Figure 3. Prevalence of subgroups of low HDL-c by urbanization level and altitude

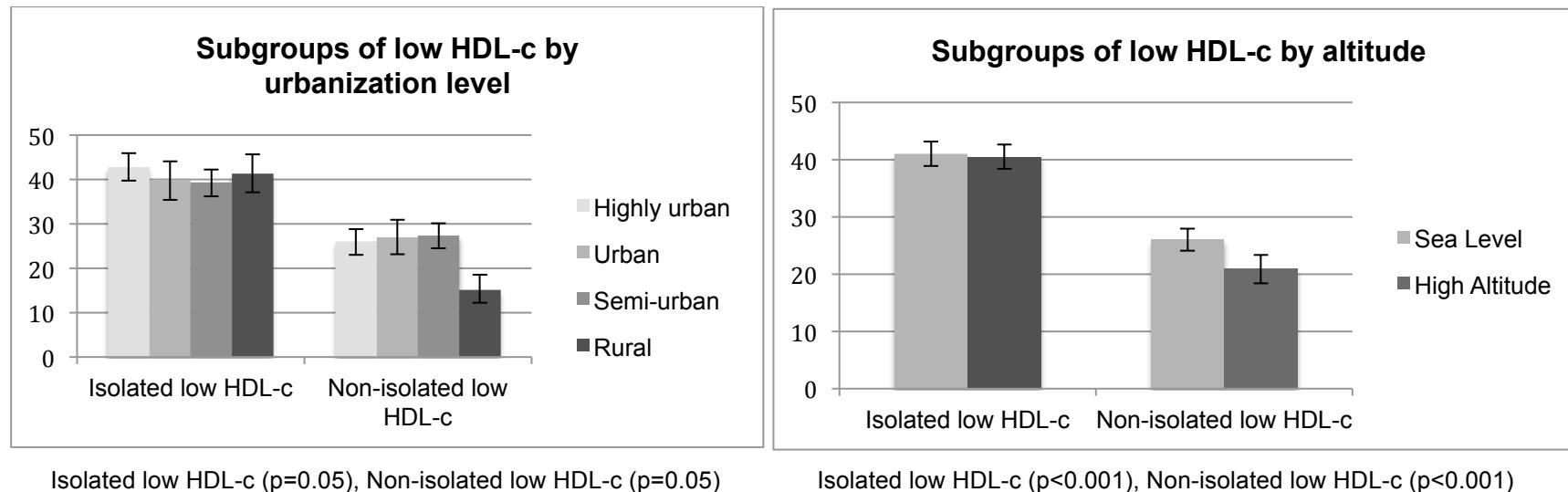
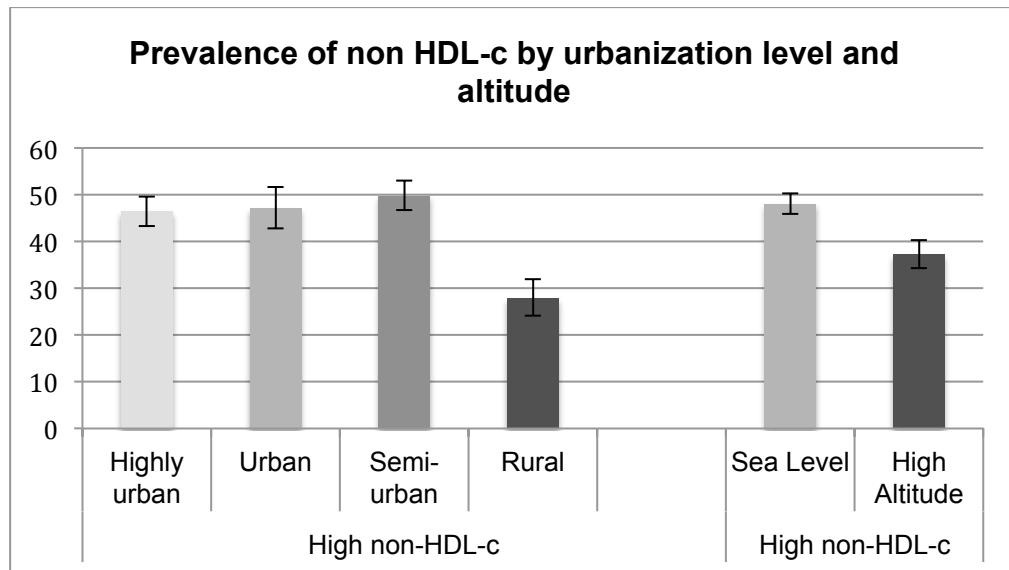


Figure 4. Prevalence of high non HDL-c by urbanization level and altitude



TABLES

Table 1. Means of the plasma lipids

	Total (N=3,037)	Sea level highly urban (N=1,005)	High altitude urban (N=506)	Sea level semi-urban (N=991)	High altitude rural (N=535)	p
Triglycerides, mean (SD)	149.0 (70.0)	154.8 (73.1)	159.3 (69.3)	149.4 (68.9)	127.7 (61.9)	<0.001
LDL-c, mean (SD)	127.2 (34.5)	127.6 (33.4)	128.7 (36.7)	131.9 (33.8)	116.4 (33.1)	<0.001
HDL-c, mean (SD)	41.9 (11.4)	41.3 (11.2)	41.7 (10.9)	41.2 (11.8)	44.4 (11.3)	<0.001
Non-HDL-c, mean (SD)	156.9 (39.5)	158.5 (38.5)	160.6 (41.2)	161.7 (38.4)	141.9 (38.4)	<0.001

Table 2: Characteristics of the study population by dyslipidemia traits

No	2,625	517 (19.7%)	0.04	444 (16.9%)	0.04	1,762 (67.1%)	<0.001	1,170 (44.6%)	0.60		
Yes	412	99 (24.0%)		53 (12.9%)		216 (52.4%)		178 (43.2%)			
Physical activity											
Low	972	196 (20.2%)	0.89	171 (17.6%)	0.18	651 (67.0%)	0.14	452 (46.5%)	0.10		
Moderate/high	2,061	420 (20.4%)		323 (15.7%)		1,324 (64.2%)		893 (43.3%)			
Measurements											
Body mass index											
<25 kg/m ²)	904	81 (9.0%)	<0.001	105 (11.6%)	<0.001	408 (45.1%)	<0.001	255 (28.2%)	<0.001		
≥25 and <30 kg/m ²	1,322	306 (23.2%)		229 (17.3%)		913 (69.1%)		643 (48.6%)			
≥30 kg/m ²	807	229 (28.4%)		163 (20.2%)		654 (81.0%)		449 (55.6%)			
Hypertension											
No	2,253	445 (19.8%)	0.19	339 (15.1%)	0.001	1,452 (64.5%)	0.19	953 (42.3%)	<0.001		
Yes	780	171 (21.9%)		158 (20.3%)		523 (67.1%)		394 (50.5%)			
Diabetes											
No	2,797	551 (19.7%)	<0.001	446 (16.0%)	0.03	1,806 (64.6%)	0.03	1,227 (43.9%)	0.05		
Yes	240	65 (27.1%)		51 (21.3%)		172 (71.7%)		121 (50.4%)			
*	Low	HDL-c	=	Isolated	low	HDL	and/or	high	LDL-c	and/or	hypertriglyceridemia