

Table S3. Small dense LDL Quartile characteristic among all study participants

Parameter	sdLDL Quartile 1	sd LDL Quartile 2	sdLDL Quartile 3	sdLDL Quartile 4	<i>p</i>
	<0.46 mmol/L	≥0.46–<0.62 mmol/L	≥0.62–<1.03 mmol/L	>1.03 mmol/L	
	N=73	N=77	N=183	N=152	
	(Me [Q1-Q3])	(Me [Q1-Q3])	(Me [Q1-Q3])	(Me [Q1-Q3])	
Women, n(%)	52 (71.2)	46 (59.7)	115 (62.8)	100 (65.8)	0.468
Age <35 y. n(%)	53 (72.6)	45 (58.44)	100 (54.6)	81 (53.3)	0.036
					<i>p</i> for trend = 0.012
FG,mmol/L	4.76 [4.48-5.21]	5.04 [4.65-5.49]	4.98 [4.65-5.43]	5.04 [4.62-5.52]	0.057
	4.21 [3.80-4.65]	4.31 [3.82-4.73]	4.93 [4.41-5.50]	4.88 [4.30-4.93]	<0.001
TC,mmol/L			vs.Q1; p<0.001	vs.Q1; p<0.001	
			vs.Q2; p<0.001	vs.Q2; p<0.001	
HDL-C,mmol/L Women	1.38 [1.22-1.65]	1.47 [1.32-1.70]	1.50 [1.29-1.73]	1.44 [1.29-1.70]	0.395
	1.34 [1.19-1.58]	1.24 [1.08-1.37]	1.33 [1.11-1.51]	1.12 [0.98-1.34]	<0.001
HDL-C,mmol/L Men				vs.Q1; p=0.003	
				vs.Q3; p=0.005	

	2.30 [2.07-2.69]	2.47 [2.09-2.89]	3.02 [2.43-3.49]	2.95 [2.30-3.86]	<0.001
LDL-C,mmol/L			vs.Q1; p<0.001	vs.Q1; p<0.001	
			vs.Q2; p<0.001	vs.Q2; p<0.001	
	2.76 [2.48-3.15]	2.92 [2.48-3.23]	3.51 [2.92-4.08]	3.51 [2.87-4.55]	<0.001
non-HDL-C,mmol/L			vs.Q1; p<0.001	vs.Q1; p<0.001	
			vs.Q2; p<0.001	vs.Q2; p<0.001	
	0.89 [0.67-1.15]	0.84 [0.61-1.18]	1.06 [0.81-1.58]	1.24 [0.85-1.84]	<0.001
TG,mmol/L			vs. Q1; p<0.001	vs. Q1; p<0.001	
			vs. Q2; p<0.001	vs. Q2; p<0.001	
	2.94 [2.62-3.39]	3.15 [2.68-3.61]	3.52 [2.91-4.18]	3.59 [2.98-4.58]	<0.001
TC/HDL			vs. Q1; p<0.001	vs. Q1; p<0.001	
			vs. Q2; p=0.023	vs. Q2; p=0.001	
	-0.21 [-0.33- (0.08)]	- 0.19 [-0.34-(-0.02)]	-0.12 [-0.29-0.07]	-0.04 [-0.22-0.13]	<0.001
API			vs. Q1; p=0.038	vs. Q1; p<0.001	
				vs. Q2; p<0.001	

FG- Fasting Glucose, TC - Total Cholesterol, HDL-C - High Density Lipoprotein Cholesterol, LDL-C - Low Density Lipoprotein Cholesterol, non-HDL - non-High Density Lipoprotein Cholesterol, TG - Triglycerides, TC/HDL - Total Cholesterol to High Density Lipoprotein Cholesterol Ratio, API - Atherogenic Plasma Index, sdLDL - small, dense Low Density Lipoprotein Cholesterol,