

Supplementary table 6: Multivariable analysis of the association between earlobe crease and personal history of cardiovascular disease or cardiovascular risk, CoLaus study, Lausanne, 2009-2012, adjusting for age, gender and waist circumference.

Earlobe crease	Absence (n=3829)	Presence (n=806)	P-value	Absent (n=3829)	Unilateral (n=373)	Bilateral (n=429)	P-value for trend
History of							
Any cardiovascular disease	1 (ref.)	1.47 (1.14; 1.88)	0.003	1 (ref.)	1.44 (1.03; 2.02)	1.49 (1.09; 2.03)	0.01
Coronary artery disease	1 (ref.)	1.76 (1.23; 2.51)	0.002	1 (ref.)	1.91 (1.21; 3.01)	1.63 (1.05; 2.55)	0.03
Angina pectoris	1 (ref.)	1.16 (0.73; 1.86)	0.53	1 (ref.)	1.34 (0.73; 2.47)	1.03 (0.57; 1.87)	0.93
Myocardial infarction	1 (ref.)	1.67 (1.06; 2.62)	0.03	1 (ref.)	1.86 (1.05; 3.28)	1.50 (0.85; 2.67)	0.16
Stroke	1 (ref.)	1.28 (0.79; 2.06)	0.32	1 (ref.)	1.54 (0.84; 2.83)	1.07 (0.57; 2.01)	0.83
CABG	1 (ref.)	1.73 (0.97; 3.08)	0.06	1 (ref.)	1.79 (0.85; 3.75)	1.69 (0.84; 3.41)	0.14
High CVD risk							
SCORE recalibrated	1 (ref.)	1.08 (0.85; 1.36)	0.53	1 (ref.)	0.93 (0.67; 1.29)	1.21 (0.91; 1.63)	0.19
Framingham 1998	1 (ref.)	0.98 (0.75; 1.27)	0.85	1 (ref.)	1.02 (0.72; 1.43)	0.94 (0.67; 1.32)	0.70
Framingham 1998 r.	1 (ref.)	1.02 (0.80; 1.32)	0.86	1 (ref.)	1.07 (0.77; 1.48)	0.98 (0.70; 1.36)	0.90

Results are expressed as adjusted odds ratio (95% confidence interval) for presence relative to the absence of earlobe crease. Statistical analysis by logistic regression. **CVD**, cardiovascular disease; **CABG**, Coronary artery bypass graft; **high CVD risk** is defined as a 10-year risk $\geq 5\%$ for SCORE and as a 10-year risk $\geq 20\%$ for Framingham. r. recalibrated.