

Supplementary table 15: Multivariable association between earlobe crease and being in the highest quartile of inflammatory markers, CoLaus study, Lausanne, 2009-2012, adjusted 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
Quartiles							
Hs-CRP	1 (ref.)	1.06 (0.87; 1.27)	0.58	1 (ref.)	1.17 (0.90; 1.51)	0.97 (0.76; 1.23)	0.78
Interleukin-1 β	1 (ref.)	1.22 (1.01; 1.48)	0.04	1 (ref.)	1.16 (0.90; 1.50)	1.28 (1.00; 1.63)	0.05
Interleukin-6	1 (ref.)	0.98 (0.81; 1.19)	0.82	1 (ref.)	0.96 (0.73; 1.25)	1.00 (0.77; 1.28)	0.98
TNF- α	1 (ref.)	1.05 (0.87; 1.27)	0.59	1 (ref.)	1.11 (0.87; 1.43)	1.00 (0.78; 1.28)	1.00
Log-transformed values §							
Hs-CRP (mg/dL)	0.33 \pm 0.02	0.35 \pm 0.03	0.50	0.33 \pm 0.02	0.40 \pm 0.05	0.31 \pm 0.05	0.69
Interleukin-1 β (pg/mL)	0.40 \pm 0.03	0.51 \pm 0.07	0.15	0.40 \pm 0.03	0.53 \pm 0.09	0.49 \pm 0.09	0.36
Interleukin-6 (pg/mL)	1.26 \pm 0.03	1.17 \pm 0.06	0.17	1.26 \pm 0.03	1.14 \pm 0.09	1.19 \pm 0.09	0.44
TNF- α (pg/mL)	1.55 \pm 0.02	1.56 \pm 0.04	0.83	1.55 \pm 0.02	1.57 \pm 0.06	1.56 \pm 0.05	0.95

Results are expressed as adjusted mean \pm standard error for quantitative variables and as odds ratio (95% confidence interval) for categorical variables. Statistical analysis by ANOVA for quantitative variables and by logistic regression for categorical variables. § excluding participants with undetectable values. **Hs-CRP**, high sensitivity C-reactive protein; **TNF- α** , tumour necrosis factor alpha.