

**Supplementary Table 2.** Sensitivity analysis - Multivariable linear regression for the association of z-score standardized clinical factors and chemerin concentrations without imputation of missing values of metabolic factors

		N	Multivariable adjusted <sup>a</sup>		
			$\beta$	95% CIs	P-value
<b>Chronic inflammation</b>	hsCRP	2,414	7.3	5.9, 8.5	<.0001
<b>Lipid metabolism</b>	Total cholesterol	2,418	4.0	2.7, 5.3	<.0001
	LDL-C	2,418	2.2	0.8, 3.6	0.0014
	HDL-C	2,418	-1.6	-3.0, -0.2	0.023
	Triglycerides	2,418	6.8	5.5, 8.2	<.0001
<b>Liver function</b>	FLI	2,411	1.6	-0.0, 3.2	0.052
	ALT	2,417	2.1	0.7, 3.6	0.004
	GGT	2,411	3.3	2.0, 4.6	<.0001
<b>Kidney function</b>	Uric acid	2,418	5.1	3.5, 6.7	<.0001
	Creatinine	2,366	6.8	5.3, 8.2	<.0001
	eGFR	2,366	-6.4	-7.8, -5.0	<.0001
<b>Blood pressure</b>	Systolic	2,276	1.7	-0.0, 3.4	0.05
	Diastolic	2,276	4.5	2.8, 6.2	<.0001

<sup>a</sup>Multivariable model: age, sex, BMI, waist residual, physical activity, educational attainment, smoking, prevalent hypertension, prevalent diabetes, prevalent cancer, prevalent CVD, antihypertensive medication