

**Supplementary Table 6.** Multivariable-adjusted linear regression for the association of lifestyle-associated factors, food groups and metabolic factors on chemerin concentrations in participants without prevalent diseases and without high CRP values

		Participants with prevalent disease			Participants without high CRP values (<10mg/L)		
		N=182			N=2355		
		$\beta$	95% CIs	P value	$\beta$	95% CIs	P value
<b>Lifestyle-associated factors</b>	BMI (kg/m <sup>2</sup> )	2.89	2.56, 3.22	<.0001	2.90	2.58, 3.22	<.0001
	Waist circumference (cm)	1.16	1.03, 1.29	<.0001	1.17	1.04, 1.30	<.0001
	Sports (h/week)	-0.27	-0.50, -0.04	0.020	-0.27	-0.49, -0.06	0.014
	Smoker (never vs ever)	1.17	-1.53, 3.86	0.395	1.51	-1.13, 4.15	0.262
	Alcohol (per 5 grams /day)	-0.18	-0.61, 0.25	0.410	-0.29	-0.70, 0.12	0.163
	Sleeping duration (h/day)	1.42	0.22, 2.61	0.020	1.33	0.20, 2.48	0.022
	Health satisfaction (4-levels)	-2.22	-4.28, -0.16	0.035	-1.85	-3.86, 0.16	0.071
<b>Dietary factors</b>	Processed meat	0.63	-0.69, 1.95	0.347	0.67	-0.63, 1.97	0.312
	Red meat	1.59	0.26, 2.93	0.008	1.84	0.56, 3.13	0.005
	Fish	-1.40	-2.68, -0.12	0.032	-1.56	-2.82, -0.30	0.015
	Dairy	-1.67	-2.98, -0.36	0.013	-1.39	-2.68, -0.10	0.034
	Eggs	-0.63	-1.92, 0.66	0.337	-0.92	-2.19, 0.36	0.161
	Legumes	0.88	-0.46, 2.23	0.198	1.16	-0.10, 2.43	0.072
	Vegetables	-0.18	-1.56, 1.21	0.803	0.15	-1.20, 1.51	0.826
	Fruits	-0.05	-1.40, 1.31	0.947	0.02	-1.33, 1.37	0.975

	Nuts	-0.55	-1.84, 0.74	0.403	-0.57	-1.80, 0.70	0.380
	Whole grains	-1.07	-2.39, 0.24	0.110	-0.87	-2.13, 0.40	0.180
	Refined grains	0.799	-0.50, 2.10	0.228	0.61	-0.66, 1.87	0.350
	Sugar sweetened beverages	1.66	0.39, 2.93	0.011	1.15	-0.23, 2.52	0.102
<b>Metabolic factors</b>	hsCRP	7.59	6.29, 8.89	<.0001	8.13	6.85, 9.41	<.0001
	Total cholesterol	4.22	2.91, 5.54	<.0001	3.97	2.68, 5.26	<.0001
	LDL-C	2.33	0.99, 3.66	0.0006	2.11	0.82, 3.42	0.001
	HDL-C	-1.28	-2.68, 0.13	0.075	-1.51	-2.89, -0.13	0.031
	Triglycerides	6.85	5.49, 8.21	<.0001	6.75	5.42, 8.09	<.0001
	FLI	1.28	-0.33, 2.89	0.118	1.56	-0.05, 3.17	0.058
	ALT	2.42	0.96, 3.89	0.001	2.06	0.63, 3.50	0.005
	GGT	2.97	1.63, 4.31	<.0001	3.25	1.93, 4.57	<.0001
	Uric acid	4.67	3.06, 6.29	<.0001	4.82	3.25, 6.39	<.0001
	Creatinine	6.41	4.95, 7.86	<.0001	6.75	5.33, 8.17	<.0001
	eGFR	-6.06	-7.44, -4.67	<.0001	-6.39	-7.76, -5.03	<.0001
	Systolic blood pressure	2.03	0.31, 3.74	0.020	1.73	0.05, 3.40	0.044
	Diastolic blood pressure	4.36	2.70, 6.02	<.0001	4.46	2.86, 5.06	<.0001

Selected food groups are z-score standardized and energy adjusted; metabolic factors (exposures) are z-score standardized.

Model for lifestyle factors: mutually adjusted plus prevalent hypertension, antihypertensive medication. Waist residual is used for adjusting waist circumference; Sleep duration additionally adjusted for sleeping disorders and consumption of caffeinated beverages (tea and coffee)