

**Table S1.** Linear regression coefficients (Beta) and 95% confidence intervals (CI) between serum cadmium and relevant confounders for adjustment levels.

	Beta Coefficients	(95% CI)
age	−0.57	(−1.20 to 0.06)
sex	−7.71	(−20.73 to 5.30)
body mass index	1.03	(−0.36 to 2.43)

**Table S2.** Estimated weekly dietary intake (median (50<sup>th</sup>) and interquartile range (IQR) reported in µg per kilograms of body weight per week) using food frequency questionnaire (WDI<sub>FFQ</sub>) and using serum cadmium biomarker levels (WDI<sub>bio</sub>) in total population and in selected subgroups considering a value of 3% for cadmium absorption in equations (2a) and (2b).

Subgroups	WDI <sub>FFQ</sub>			WDI <sub>bio</sub>		
	50 <sup>th</sup>	(IQR)	Range	50 <sup>th</sup>	(IQR)	Range
<i>All subjects</i>	1.34	(0.86–1.70)	0.26–3.18	0.84	(0.73–1.08)	0.55–1.60
<i>Sex</i>						
Men	1.30	(0.87–1.63)	0.26–3.18	0.83	(0.75–0.98)	0.55–1.60
Women	1.38	(0.86–1.91)	0.30–3.07	0.84	(0.72–1.23)	0.55–1.48
<i>Age</i>						
<50 years	1.29	(0.80–2.15)	0.26–3.07	0.99	(0.92–1.23)	0.68–1.60
≥50 years	1.37	(0.87–1.69)	0.30–3.18	0.75	(0.70–0.81)	0.55–1.48
<i>BMI<sup>a</sup></i>						
<25	1.38	(0.86–1.99)	0.59–3.07	0.93	(0.77–1.08)	0.55–1.48
≥25	1.21	(0.84–1.62)	0.26–3.18	0.77	(0.73–1.05)	0.59–1.60
<i>Smoking habits</i>						
Never-smokers	1.27	(0.73–1.60)	0.26–3.07	0.86	(0.75–0.99)	0.62–1.32
Former-smokers	1.66	(1.24–1.95)	0.62–3.18	0.76	(0.73–0.89)	0.55–1.48
Current-smokers	1.17	(1.03–1.36)	0.72–1.55	1.14	(0.98–1.23)	0.55–1.60
<i>Smoking habits (recoded)</i>						
Non-smokers	1.37	(0.86–1.74)	0.26–3.18	0.81	(0.73–0.96)	0.55–1.48
Smokers	1.24	(1.03–1.55)	0.62–2.32	1.14	(0.98–1.23)	0.55–1.60