

Table S2. Ratio of geometric mean (95% CI) of albuminuria concentrations by urine arsenic concentrations

	Total Arsenic, µg/g				P-trend	75 th vs 25 th percentile
	<7.8	7.8 – 12.8	12.8 – 20.5	>20.5		
N	960	957	952	942		3821
Model 1	1.00 (Reference)	1.46 (1.21,1.76)	1.79 (1.48, 2.16)	3.68 (3.04, 4.44)	<0.001	1.54 (1.45, 1.65)
Model 2	1.00 (Reference)	1.19 (0.99, 1.43)	1.20 (0.99, 1.46)	1.98 (1.61, 2.42)	<0.001	1.26 (1.17, 1.35)
Model 3	1.00 (Reference)	1.11 (0.95, 1.29)	1.18 (1.01, 1.39)	1.72 (1.45, 2.04)	<0.001	1.22 (1.15, 1.29)
Model 4	1.00 (Reference)	1.07 (0.92, 1.25)	1.11 (0.95, 1.31)	1.58 (1.33, 1.88)	<0.001	1.18 (1.11, 1.25)
Sum of inorganic and methylated arsenic species, µg/g						
	<5.8	5.8 – 9.7	9.7 – 15.6	≥15.6	P-trend	75 th vs 25 th percentile
N	960	963	945	953		3821
Model 1	1.00 (Reference)	1.40 (1.16, 1.69)	1.91 (1.58, 2.30)	3.85 (3.19, 4.64)	<0.001	1.59 (1.49, 1.70)
Model 2	1.00 (Reference)	1.19 (0.99, 1.43)	1.29 (1.06, 1.58)	2.07 (1.67, 2.56)	<0.001	1.31 (1.21, 1.41)
Model 3	1.00 (Reference)	1.17 (1.00, 1.37)	1.24 (1.05, 1.46)	1.81 (1.51, 2.17)	<0.001	1.26 (1.18, 1.34)
Model 4	1.00 (Reference)	1.14 (0.98, 1.33)	1.17 (0.99, 1.38)	1.67 (1.39, 2.00)	<0.001	1.21 (1.14, 1.29)

Model 1 is crude.

Model 2 is adjusted for age (continuous), sex, study region, body mass index (continuous), education, smoking status, and alcohol status.

Model 3 further includes diabetes status, hypertensive medication, and systolic blood pressure (continuous), eGFR (continuous).

Model 4 further includes urine cadmium (log-transformed).

*p-value for trend was estimated by replacing participants in each quartile with the median value of each quartile