

eTable. Odds Ratio (95% CI) of Hypertension by Urine Arsenic Concentrations in Participants with Non-detectable Arsenobetaine (N= 1,265)

	Per doubling of arsenic	Quartile 1	Quartile 2	Quartile 3	Quartile 4	P value for Trend ^a
Total arsenic, µg/L		<2.1	2.1 to 3.8	>3.8 to 6.1	>6.1	
With htn/without htn, No.	513/752	136/152	128/176	116/198	133/226	
Crude	0.89 (0.79, 1.01)	1.00 (ref.)	0.78 (0.52, 1.19)	0.75 (0.47, 1.19)	0.63 (0.42, 0.94)	0.07
Model 1 ^b	0.91 (0.73, 1.14)	1.00 (ref.)	0.77 (0.41, 1.43)	0.85 (0.43, 1.66)	0.82 (0.45, 1.50)	0.39
Model 2 ^c	0.95 (0.75, 1.19)	1.00 (ref.)	0.79 (0.40, 1.53)	0.83 (0.43, 1.59)	0.92 (0.48, 1.75)	0.64
Dimethylarsinate, µg/L		<1.2	1.2 to 2.4	>2.4 to 3.8	>3.8	
With htn/without htn, No.	513/752	158/205	106/128	113/203	136/216	
Crude	0.93 (0.79, 1.11)	1.00 (ref.)	0.94 (0.61, 1.46)	0.79 (0.54, 1.14)	0.80 (0.54, 1.18)	0.43
Model 1 ^b	1.08 (0.84, 1.37)	1.00 (ref.)	0.92 (0.53, 1.57)	0.91 (0.52, 1.58)	1.04 (0.60, 1.78)	0.54
Model 2 ^c	1.15 (0.92, 1.45)	1.00 (ref.)	0.98 (0.55, 1.74)	0.99 (0.59, 1.64)	1.22 (0.71, 2.11)	0.22

^a P value for trend based on log-transformed arsenic concentrations

^b Adjusted for sex, age, race and ethnicity, and urine creatinine level (log-transformed)

^c further adjusted for education, body mass index, serum cotinine level (log-transformed)