

Supplemental Table 1. Results of the multivariable analysis for the relationships between WMI and Urine Cr concentrations

Urine Cr (µg/dL)	All				Non-welders				Welders			
	≥mean†	<mean†	OR (95% CI)	P value*	≥mean†	<mean†	OR (95% CI)	P value*	≥mean†	<mean†	OR (95% CI)	P value*
WMI												
T1 (UDL-0.3)	20	21	1.00 (referent)		14	12	1.00 (referent)		6	9	1.00 (referent)	
T2 (0.4)	26	20	0.73 (0.30-1.80)	0.497	22	14	0.63 (0.21-1.91)	0.420	4	6	1.03 (0.18-5.81)	0.974
T3 (0.5-2.7)	40	60	1.12 (0.51-2.46)	0.773	17	16	0.97 (0.33-2.89)	0.963	23	44	1.36 (0.39-4.67)	0.631
			P for trend	0.546			P for trend	0.634			P for trend	0.848

† Mean of WMI is 92.9.

* P values were obtained using multivariable logistic regression analysis adjusted for age, body mass index, smoking habits, drinking habits, factory and welding exposure-years. Abbreviations: OR, odds ratio; CI, confidence interval; T, tertile; UDL, under detection limit; Cr, chromium

Supplemental Table 2. Results of the multivariable analysis for the relationships between WMI and Blood Pb concentrations

Blood Pb (µg/dL)	All				Non-welders				Welders			
	≥mean†	<mean†	OR (95% CI)	P value*	≥mean†	<mean†	OR (95% CI)	P value*	≥mean†	<mean†	OR (95% CI)	P value*
WMI												
T1 (UDL-1.1)	24	30	1.00 (referent)		17	18	1.00 (referent)		7	12	1.00 (referent)	
T2 (1.2-1.7)	37	31	0.48 (0.21-1.10)	0.084	23	12	0.41 (0.14-1.19)	0.101	14	19	0.55 (0.14-2.16)	0.393
T3 (1.8-3.7)	25	40	0.80 (0.34-1.90)	0.610	13	12	0.64 (0.19-2.15)	0.475	12	28	0.86 (0.22-3.44)	0.832
			P for trend	0.165			P for trend	0.245			P for trend	0.571

† Mean of WMI is 92.9.

* P values were obtained using multivariable logistic regression analysis adjusted for age, body mass index, smoking habits, drinking habits, factory and welding exposure-years. Abbreviations: OR, odds ratio; CI, confidence interval; T, tertile; UDL, under detection limit; Pb, lead