

Supplemental Table 1. Unadjusted and adjusted mean and standard error (SE) systolic blood pressure (SBP) and diastolic blood pressure (DBP), according to trimester of pregnancy and U-Cd tertiles, Seattle and Tacoma, WA, 1996-2002

	First Trimester		Second Trimester		Third Trimester	
U-Cd tertiles (µg/g Cr)	Unadjusted Mean (SE)	Mean difference (95% CI)	Unadjusted Mean (SE)	Mean difference (95% CI)	Unadjusted Mean (SE)	Mean difference (95% CI)
Systolic Blood Pressure						
≤0.21	112.5 ± 0.62	0.0 (Reference)	113.35 ± 0.52	0.0 (Reference)	116.68 ± 0.57	0.0 (Reference)
0.22-0.41	112.8 ± 0.65	0.35 (-1.42, 2.12)	113.39 ± 0.54	0.04 (-1.44, 1.52)	115.7 ± 0.59	-0.92 (-2.52, 0.68)
≥0.42	111.2 ± 0.65	-1.29 (-3.06, 0.48)	110.95 ± 0.55	-2.4 (-3.9, -0.92) ^a	114.32 ± 0.59	-2.37 (-3.98, -0.76) ^b
Diastolic Blood Pressure						
≤0.21	68.51 ± 0.45	0.0 (Reference)	67.99 ± 0.36	0.0 (Reference)	71.33 ± 0.43	0.0 (Reference)
0.22-0.41	68.79 ± 0.48	0.29 (-1.01, 1.58)	68.09 ± 0.38	0.09 (-0.93, 1.12)	70.77 ± 0.45	-0.56 (-1.79, 0.66)
≥0.42	67.84 ± 0.47	-0.66 (-1.96, 0.62)	66.9 ± 0.38	-1.09 (-2.12, -0.06) ^c	69.37 ± 0.45	-1.96 (-3.19, -0.73) ^d
	¹ Adjusted Mean (SE)	Mean difference (95 % CI)	¹ Adjusted Mean (SE)	Mean difference (95% CI)	¹ Adjusted Mean (SE)	Mean difference (95% CI)
Systolic Blood Pressure						
≤0.21	112.6 ± 0.64	0.0 (Reference)	113.4 ± 0.52	0.0 (Reference)	116.71 ± 0.56	0.0 (Reference)
0.22-0.41	113.0 ± 0.67	0.51 (-1.33, 2.35)	113.5 ± 0.55	0.39 (-1.11, 1.89)	115.8 ± 0.58	-0.78 (-2.4, 0.84)
≥0.42	111.3 ± 0.68	-1.05 (-2.91, 0.81)	111.0 ± 0.55	-1.78 (-3.3, -0.26) ^e	114.3 ± 0.59	-2.1 (-3.74, -0.45) ^f
Diastolic Blood Pressure						
≤0.21	68.5 ± 0.46	0.0 (Reference)	68.02 (0.37)	0.0 (Reference)	71.3 ± 0.43	0.0 (Reference)
0.22-0.41	69.0 ± 0.48	0.48 (-0.84, 1.79)	68.17 (0.38)	0.25 (-0.80, 1.31)	70.91 ± 0.45	-0.40 (-1.59, 0.87)
≥0.42	68.09 ± 0.49	-0.29 (-1.62, 1.04)	67.07 (0.39)	-0.75 (-1.82, 0.32)	69.5 ± 0.46	-1.7 (-2.9, -0.40) ^g

¹Adjusted for maternal age, race/ethnicity, parity, smoking, prenatal vitamin use, family history of hypertension, GDM case and physical activity. The adjusted mean values reported are from a regression model based on the entire study cohort (N=653) with indicators variables specified to represent Non-Hispanic white, nulliparous, never smokers, prenatal vitamin

using women from 25-34 years of age, no family history of hypertension, no gestational diabetes and physical active during pregnancy.

^aP-value =0.002; ^bP-value=0.004; ^cP-value=0.038; ^dP-value=0.002; ^eP-value=0.022; ^fP-value=0.013; ^gP-value=0.010