

Supplemental Material

Prenatal Phthalate Exposures and Neurobehavioral Development Scores in Boys and Girls at 6-10 Years of Age

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Table S1. Partial Pearson correlation matrix of phthalate metabolites in final sample [correlation (p-value)].^a

Metabolite	ln(MEHP)	ln(MEHHP)	ln(MEOHP)	ln(MiBP)	ln(MBP)	ln(MBzP)	ln(MEP)
ln(MEHP)							
ln(MEHHP)	0.72 (< 0.001)						
ln(MEOHP)	0.76 (< 0.001)	0.98 (< 0.001)					
ln(MiBP)	0.26 (0.001)	0.29 (< 0.001)	0.30 (< 0.001)				
ln(MBP)	0.22 (0.007)	0.41 (< 0.001)	0.39 (< 0.001)	0.51 (< 0.001)			
ln(MBzP)	0.20 (0.01)	0.32 (< 0.001)	0.31 (< 0.001)	0.46 (< 0.001)	0.55 (< 0.001)		
ln(MEP)	0.071 (0.39)	0.22 (0.005)	0.23 (0.004)	0.17 (0.034)	0.38 (< 0.001)	0.31 (< 0.001)	

^aCorrelations adjusting for creatinine.

Table S2. Comparison of demographic and phthalate distributions [mean \pm SD or n (%)] in initial sample of eligible mothers and final sample.^a

Demographics	Mothers eligible for follow-up (n = 359)	Mothers in final sample (n = 153)	p-value for test of difference
Mother's race/ethnicity			
Hispanic/Latina	31 (8.6)	4 (2.6)	
White, non-Hispanic	301 (83.8)	141 (92.2)	
Black	7 (1.9)	5 (3.3)	
Asian	17 (4.7)	3 (2.0)	
Other	3 (0.8)	0 (0)	0.03
Mother's education			
< College	97 (27.0)	23 (15.0)	
\geq College	262 (73.0)	130 (85.0)	0.005
Mother's age at enrollment (years)	30.1 \pm 5.1	31.1 \pm 4.9	0.04
Family stress during pregnancy	1.7 \pm 1.9	1.4 \pm 1.7	0.15
Phthalate levels			
ln(MEHP)	1.2 \pm 1.4	1.3 \pm 1.5	0.50
ln(MEHHP)	2.5 \pm 1.3	2.6 \pm 1.5	0.48
ln(MEOHP)	2.4 \pm 1.3	2.4 \pm 1.4	0.59
ln(MiBP)	0.9 \pm 1.1	0.9 \pm 1.1	0.40
ln(MBP)	2.7 \pm 1.1	2.6 \pm 1.0	0.29
ln(MBzP)	2.0 \pm 1.3	1.9 \pm 1.3	0.39
ln(MEP)	4.6 \pm 1.7	4.3 \pm 1.7	0.23

^aComplete data was not available for the entire sample of eligible mothers (n = 441) so the 359 mothers with complete data are tabled.