

## **Supplemental Material**

### **Variability over One Week in the Urinary Concentrations of Metabolites of Diethyl Phthalate and Di(2-Ethylhexyl) Phthalate among 8 Adults: an Observational Study**

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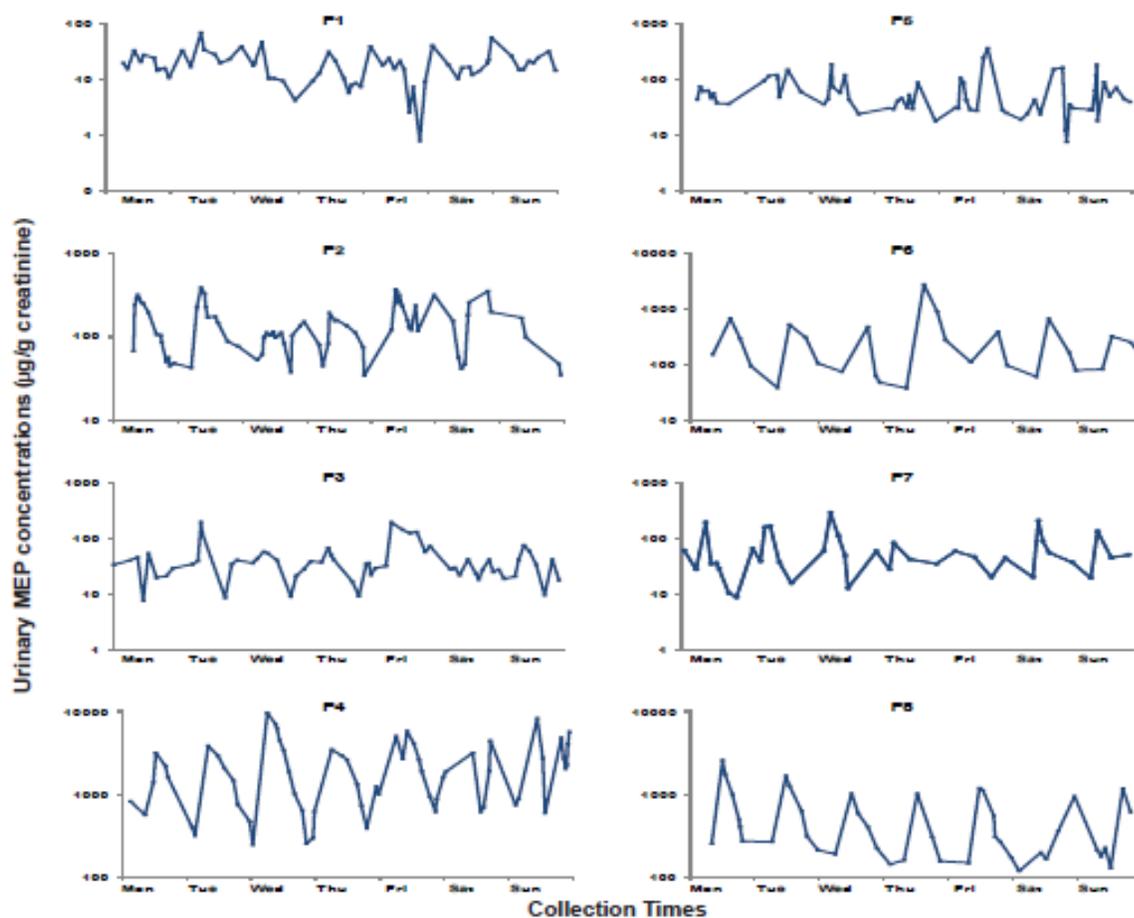
Supplemental Material, Table 1. Demographic characteristics of the study participants and logistics of sample collection.

<b>ID</b>	<b>Age</b>	<b>Sex</b>	<b>Sampling period (2005)</b>	<b># Samples collected</b>	<b># Samples missed</b>
P1	31	F	11/14–11/20	63	0
P2	25	F	11/14–11/20	74	14
P3	59	F	10/29–11/04	60	1
P4	27	F	10/31–11/06	61	5
P5	34	M	11/14–11/20	64	1
P6	26	M	10/31–11/06	27	0
P7	32	M	11/14–11/20	37	2
P8	32	M	11/14–11/20	41	0
<b>TOTAL:</b>				<b>427</b>	<b>23</b>

Supplemental Material, Table 2. Effect of creatinine correction in the variance apportionment for the urinary concentrations of mono(2-ethylhexyl) phthalate (MEHP) in spot samples collected from eight persons over a period of 7 days.

	Creatinine unadjusted		Creatinine corrected		Creatinine as a covariate	
	Variance component	% of total variance	Variance component	% of total variance	Variance component	% of total variance
AIC	742.4		651.9		662.6	
Between Participant	0.08	18	0.07	19	0.07	19
Within Participant	0.10		0.09		0.08	
Between Day	0.10	22	0.09	24	0.08	22
Within Participant	0.27		0.21		0.22	
Within Day	0.27	60	0.21	57	0.22	59

Supplemental Material, Figure 1. Creatinine- corrected concentrations (in a log scale) of monoethyl phthalate (MEP) ( $\mu\text{g/g}$  creatinine) for the eight study participants during a period of 1 week.



Supplemental Material, Figure 2. Creatinine-corrected concentrations (in a log scale) of mono(2-ethyl-5-hydroxyhexyl) phthalate (MEHHP) ( $\mu\text{g/g creatinine}$ ) for the eight study participants during a period of 1 week.

