

Extra tables for “Phthalate exposure and semen quality in fertile US men” by Thurston et al. (June 2015)

	In sample, n=420					Not in sample, n=535					p
	n	mean	SD	min	max	n	mean	SD	min	max	
Age (years)	420	31.87	6.12	18.40	53.20	526	31.59	5.95	18.20	51.60	0.48
Abstinence time (hours)	420	77.48	29.87	9.28	226.67	368	122.84	383.90	9.67	5787.38	0.02
Time to start semen analysis (hours)	420	26.82	9.80	0.00	90.00	383	28.03	11.74	3.00	92.00	0.11
Time to complete semen analysis (minutes)	420	58.49	9.44	24.00	97.00	379	64.23	18.29	32.00	190.00	0.00
Sperm concentration (10^6 /ml)	420	66.12	45.02	2.90	316.00	382	65.38	47.50	2.90	354.10	0.82
Sperm motility (%)	420	51.77	11.80	10.50	77.50	383	49.81	11.71	5.00	78.00	0.02
Morphology (%)	420	10.74	5.21	0.50	26.00	382	10.79	4.91	0.50	25.00	0.90
Total sperm count (10^6)	419	297.36	211.38	6.47	1218.00	378	305.75	284.40	3.31	2456.13	0.63
Total motile sperm count (10^6)	419	133.84	102.54	0.54	627.25	379	128.02	120.44	0.85	1042.82	0.46
Creatinine concentration (mg/dl)	420	143.15	80.60	7.40	509.30	21	147.75	80.18	23.60	280.50	0.80
Center: CA	420	0.27	0.45	0.00	1.00	383	0.20	0.40	0.00	1.00	0.01
Center: MN	420	0.30	0.46	0.00	1.00	383	0.23	0.42	0.00	1.00	0.03
Center: MO	420	0.21	0.41	0.00	1.00	383	0.31	0.46	0.00	1.00	0.00
Center: NY	420	0.04	0.20	0.00	1.00	383	0.07	0.25	0.00	1.00	0.16
Center: IA	420	0.17	0.38	0.00	1.00	383	0.19	0.40	0.00	1.00	0.48
Race: black	420	0.08	0.28	0.00	1.00	530	0.07	0.25	0.00	1.00	0.31
Current smoker	420	0.22	0.41	0.00	1.00	526	0.20	0.40	0.00	1.00	0.47
Stress	420	0.24	0.43	0.00	1.00	530	0.19	0.40	0.00	1.00	0.10
Recent fever	420	0.02	0.14	0.00	1.00	530	0.05	0.22	0.00	1.00	0.01

Table 1: Characteristics of study population, partners of pregnant women in five US cities, compared to subjects from study population who were not included in the analysis. P-values are from a t-test comparing subjects in and not in the analysis.

	CA, n=114		MN, n=127		MO, n=88		NY, n=18		IA, n=73		
	mean	SD	mean	SD	mean	SD	mean	SD	mean	SD	p
mehp	-0.17	1.03	-0.15	0.90	0.25	1.29	1.44	1.52	-0.14	1.05	0.00
mehhp	-0.26	0.99	0.01	0.81	0.12	1.18	1.31	1.48	-0.08	1.09	0.00
meohp	-0.27	1.01	-0.02	0.80	0.11	1.16	1.38	1.41	-0.02	1.06	0.00
mecpp	-0.22	0.91	0.03	0.80	0.08	1.04	1.19	1.28	-0.10	1.01	0.00
molar.DEHP	-0.23	0.93	0.00	0.77	0.11	1.11	1.28	1.37	-0.09	1.02	0.00
mbp	-0.10	0.83	0.09	0.73	-0.08	0.76	0.27	0.64	0.02	0.72	0.14
mibp	-0.16	1.09	0.08	0.91	-0.14	0.78	0.58	0.63	0.14	0.97	0.01
mcpp	-0.22	0.97	0.30	0.72	0.05	0.67	-0.24	0.61	-0.17	0.70	0.00
mbzp	-0.26	1.09	0.01	0.83	0.20	0.86	0.15	1.02	0.11	0.81	0.01
mep	0.46	1.29	-0.21	1.27	-0.20	1.35	0.52	1.66	-0.23	1.25	0.00

Table 2: Distributions of $\ln(\text{phthalate})$, adjusted for $\ln(\text{creatinine})$ by center. P-values are from the 4 degree of freedom ANOVA comparing means across the 5 centers.