

**Supplementary table 2.** Associations between concentrations of 4-hydroxy-benzophenone (4-HBP) in serum samples of pregnant women and birth outcome of their infants (n=155).

Outcome	Exposure	Unadjusted				Adjusted for BMI				Adjusted for Gestational age at birth				Adjusted for BMI and Gestational age				
		$\beta$ -value	95% CI		p-value	$\beta$ -value	95% CI		p-value	$\beta$ -value	95% CI		p-value	$\beta$ -value	95% CI		p-value	
<b>Male</b>																		
<b>Birth weight (g)</b> (n=84)	4-HBP, continuous (ng/mL)	-191	-493	111	0.21	-226	-525	73	0.14	-75	-308	158	0.52	-110	-340	119	0.34	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	<b>-347</b>	<b>-636</b>	<b>-58</b>	<b>0.02</b>	<b>-350</b>	<b>-640</b>	<b>-59</b>	<b>0.02</b>	<b>-229</b>	<b>-453</b>	<b>-5</b>	<b>0.05</b>	<b>-238</b>	<b>-461</b>	<b>-15</b>	<b>0.04</b>
	high	-229	-529	71	0.13	-236	-532	60	0.12	-128	-360	104	0.28	-139	-365	88	0.23	
	trend				0.06				0.06				0.13				0.11	
<b>Birth length (cm)</b> (n=85)	4-HBP, continuous (ng/mL)	-0.3	-1.7	1.2	0.70	-0.5	-1.9	1.0	0.53	0.3	-0.8	1.3	0.58	0.1	-0.9	1.2	0.84	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	-0.7	-2.1	0.8	0.36	-0.7	-2.2	0.7	0.31	-0.1	-1.1	0.9	0.86	-0.2	-1.2	0.8	0.68
	high	-0.3	-1.8	1.2	0.69	-0.4	-1.8	1.1	0.63	0.2	-0.9	1.2	0.74	0.1	-0.9	1.2	0.84	
	trend				0.65				0.59				0.88				0.83	
<b>Head (cm)</b> (n=85)	4-HBP, continuous (ng/mL)	-0.5	-1.4	0.4	0.31	-0.6	-1.5	0.4	0.23	-0.2	-1.0	0.6	0.59	-0.3	-1.1	0.5	0.45	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	<b>-0.9</b>	<b>-1.7</b>	<b>0.0</b>	<b>0.04</b>	<b>-1.0</b>	<b>-1.9</b>	<b>-0.1</b>	<b>0.02</b>	<b>-0.7</b>	<b>-1.4</b>	<b>0.1</b>	<b>0.09</b>	<b>-0.8</b>	<b>-1.6</b>	<b>0.0</b>	<b>0.04</b>
	high	-0.8	-1.6	0.1	0.09	-0.8	-1.7	0.1	0.07	-0.6	-1.4	0.2	0.16	-0.6	-1.4	0.1	0.11	
	trend				0.09				<b>0.05</b>				0.19				0.10	
<b>Abdomen (cm)</b> (n=83)	4-HBP, continuous (ng/mL)	-0.3	-1.6	0.9	0.58	-0.4	-1.7	0.8	0.51	0.1	-1.1	1.3	0.87	0.0	-1.2	1.2	0.99	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	<b>-1.8</b>	<b>-3.0</b>	<b>-0.7</b>	<b>0.002</b>	<b>-1.9</b>	<b>-3.0</b>	<b>-0.7</b>	<b>0.002</b>	<b>-1.5</b>	<b>-2.6</b>	<b>-0.4</b>	<b>0.01</b>	<b>-1.6</b>	<b>-2.7</b>	<b>-0.4</b>	<b>0.008</b>
	high	-0.6	-1.8	0.6	0.30	-0.6	-1.8	0.6	0.29	-0.3	-1.5	0.8	0.59	-0.3	-1.5	0.8	0.57	
	trend				<b>0.008</b>				<b>0.008</b>				<b>0.02</b>				<b>0.02</b>	
<b>Female</b>																		
<b>Birth weight (g)</b> (n=72)	4-HBP, continuous (ng/mL)	301	-33	635	0.08	222	-118	562	0.20	107	-167	381	0.44	19	-251	290	0.89	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	176	-168	520	0.31	140	-201	481	0.42	-82	-365	200	0.56	-123	-395	149	0.37
	high	<b>332</b>	<b>1</b>	<b>663</b>	<b>0.05</b>	236	-106	579	0.17	146	-121	414	0.28	43	-226	311	0.75	
	trend				0.14				0.39				0.21				0.41	
<b>Birth length (cm)</b> (n=71)	4-HBP, continuous (ng/mL)	1.5	-0.1	3.1	0.06	1.5	-0.2	3.1	0.08	0.5	-0.7	1.8	0.40	0.4	-0.9	1.8	0.50	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	0.5	-1.1	2.2	0.54	0.5	-1.2	2.1	0.58	-0.8	-2.2	0.5	0.20	-0.9	-2.2	0.4	0.70
	high	1.3	-0.3	2.9	0.10	1.2	-0.5	2.9	0.16	0.3	-0.9	1.6	0.61	0.2	-1.1	1.5	0.81	
	trend				0.25				0.36				0.15				0.18	
<b>Head (cm)</b> (n=71)	4-HBP, continuous (ng/mL)	0.9	0.0	1.9	0.06	0.7	-0.3	1.7	0.17	0.4	-0.4	1.2	0.33	0.2	-0.7	1.0	0.69	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	0.2	-0.7	1.2	0.63	0.1	-0.8	1.1	0.78	-0.4	-1.3	0.4	0.30	-0.6	-1.4	0.3	0.19
	high	<b>1.0</b>	<b>0.0</b>	<b>1.9</b>	<b>0.04</b>	0.7	-0.3	1.7	0.15	0.5	-0.3	1.3	0.24	0.2	-0.6	1.0	0.63	
	trend				0.10				0.28				0.06				0.13	
<b>Abdomen (cm)</b> (n=68)	4-HBP, continuous (ng/mL)	0.7	-0.9	2.3	0.37	0.5	-1.1	2.1	0.53	-0.4	-1.9	1.1	0.57	-0.7	-2.2	0.9	0.39	
	low	reference				reference				reference				reference				
	4-HBP categories	middle	0.5	-1.1	2.0	0.56	0.4	-1.2	2.0	0.63	-0.5	-2.0	0.9	0.46	-0.6	-2.1	0.8	0.39
	high	1.1	-0.4	2.6	0.15	0.9	-0.7	2.5	0.28	0.2	-1.3	1.6	0.83	-0.1	-1.6	1.4	0.89	
	trend				0.34				0.55				0.57				0.62	

CI: confidence interval.