

**Supplementary table 1.2.** Associations between concentrations of 4-hydroxy-benzophenone (4-HBP) and thyroid hormones and growth factors measured in the same serum sample of pregnant women carrying female fetuses.

Outcome	Exposure	Unadjusted				Adjusted for BMI				Adjusted for Gestational age at amniocentesis				Adjusted for BMI and Gestational age at amniocentesis			
		$\beta$ -value	95% CI		p-value	$\beta$ -value	95% CI		p-value	$\beta$ -value	95% CI		p-value	$\beta$ -value	95% CI		p-value
TSH (mU/L)	4-HBP, continuous (ng/mL)	-0.31	-0.78	0.16	0.19	-0.33	-0.80	0.15	0.18	-0.28	-0.75	0.19	0.24	-0.29	-0.77	0.20	0.24
	low	reference				reference				reference				reference			
	4-HBP middle	-0.11	-0.54	0.32	0.60	-0.10	-0.53	0.34	0.66	-0.09	-0.52	0.34	0.69	-0.07	-0.50	0.37	0.76
	categories high	-0.23	-0.68	0.23	0.33	-0.23	-0.69	0.23	0.32	-0.21	-0.67	0.25	0.37	-0.21	-0.67	0.26	0.38
	trend				0.49				0.60				0.66				0.66
T3 (nmol/L)	4-HBP, continuous (ng/mL)	0.12	-0.11	0.34	0.31	0.09	-0.14	0.32	0.42	0.10	-0.13	0.32	0.40	0.06	-0.17	0.29	0.61
	low	reference				reference				reference				reference			
	4-HBP middle	0.02	-0.19	0.22	0.87	0.01	-0.20	0.22	0.91	-0.002	-0.21	0.20	0.99	-0.01	-0.22	0.19	0.91
	categories high	0.04	-0.18	0.26	0.71	0.03	-0.20	0.25	0.81	0.03	-0.19	0.25	0.79	0.01	-0.21	0.22	0.96
	trend				0.93				0.97				0.94				0.98
fT3 (pmol/L)	4-HBP, continuous (ng/mL)	0.09	-0.16	0.35	0.47	0.04	-0.21	0.29	0.76	0.11	-0.15	0.37	0.42	0.04	-0.21	0.30	0.73
	low	reference				reference				reference				reference			
	4-HBP middle	-0.08	-0.32	0.15	0.48	-0.09	-0.32	0.14	0.42	-0.08	-0.31	0.16	0.53	-0.09	-0.32	0.14	0.44
	categories high	0.07	-0.18	0.32	0.58	0.04	-0.21	0.28	0.77	0.08	-0.17	0.32	0.55	0.04	-0.21	0.28	0.76
	trend				0.38				0.47				0.40				0.47
T4 (nmol/L)	4-HBP, continuous (ng/mL)	-3.32	-14.4	7.76	0.55	-3.30	-14.7	8.07	0.57	-4.20	-15.3	6.90	0.45	-4.54	-16.0	6.90	0.43
	low	reference				reference				reference				reference			
	4-HBP middle	2.02	-7.99	12.0	0.69	1.86	-8.29	12.0	0.72	1.35	-8.69	11.4	0.79	1.10	-9.08	11.3	0.83
	categories high	-4.82	-15.5	5.86	0.37	-4.88	-15.7	5.99	0.37	-5.28	-16.0	5.38	0.33	-5.52	-16.4	5.34	0.32
	trend				0.35				0.37				0.36				0.37
fT4 (pmol/L)	4-HBP, continuous (ng/mL)	<b>-1.05</b>	<b>-1.89</b>	<b>-0.21</b>	<b>0.02</b>	<b>-1.08</b>	<b>-1.94</b>	<b>-0.22</b>	<b>0.01</b>	<b>-0.99</b>	<b>-1.83</b>	<b>-0.14</b>	<b>0.02</b>	<b>-1.01</b>	<b>-1.88</b>	<b>-0.14</b>	<b>0.02</b>
	low	reference				reference				reference				reference			
	4-HBP middle	-0.12	-0.89	0.65	0.76	-0.12	-0.91	0.66	0.75	-0.06	-0.83	0.71	0.88	-0.06	-0.84	0.72	0.88
	categories high	-0.80	-1.63	0.02	0.06	-0.82	-1.65	0.02	0.06	-0.76	-1.58	0.06	0.07	-0.76	-1.60	0.07	0.07
	trend				0.10				0.10				0.10				0.11
IGF-I ( $\mu$ g/L)	4-HBP, continuous (ng/mL)	13	-9.1	36	0.24	15	-7.7	38	0.19	9.7	-12	31	0.37	11	-12	33	0.34
	low	reference				reference				reference				reference			
	4-HBP middle	<b>22</b>	<b>1.7</b>	<b>42</b>	<b>0.03</b>	<b>22</b>	<b>1.5</b>	<b>42</b>	<b>0.04</b>	<b>19</b>	<b>-0.51</b>	<b>38</b>	<b>0.06</b>	<b>19</b>	<b>-0.86</b>	<b>38</b>	<b>0.06</b>
	categories high	15	-6.7	36	0.18	16	-6.1	37	0.16	13	-7.8	33	0.22	13	-7.9	34	0.22
	trend				0.10				0.11				0.16				0.17
IGFBP3 ( $\mu$ g/L)	4-HBP, continuous (ng/mL)	453	-65	972	0.09	445	-86	976	0.10	492	-28	1012	0.06	498	-37	1033	0.07
	low	reference				reference				reference				reference			
	4-HBP middle	221	-248	691	0.35	232	-243	707	0.33	251	-220	722	0.29	264	-212	741	0.27
	categories high	<b>513</b>	<b>12</b>	<b>1014</b>	<b>0.05</b>	<b>509</b>	<b>0.24</b>	<b>1017</b>	<b>0.05</b>	<b>533</b>	<b>33</b>	<b>1034</b>	<b>0.04</b>	<b>536</b>	<b>27</b>	<b>1045</b>	<b>0.04</b>
	trend				0.13				0.14				0.11				0.12

TSH: thyroid stimulation hormone, T3: triiodothyronine, fT3: free triiodothyronine, T4: thyroxine, fT4: free thyroxine, IGF-I: Insulin-like Growth Factor-I, IGFBP3: Insulin-like Growth Factor Binding Protein 3, CI: confidence interval.