

S1 Table. Adjusted¹ associations from multivariable linear regression models for sociodemographic and pregnancy-related variables and ln-transformed maternal PFAS (ng/ml) and OC (ng/g lipids) levels in serum from 2nd trimester (n=424): un-weighted and stratum-weighted² analysis.

		Ln (PFAS (ng/ml))		Ln (OC (ng/g lipid))						
		PFOA % change (95% CI)	PFOS % change (95% CI)	PCB118 % change (95% CI)	PCB153 % change (95% CI)	p,p'-DDE % change (95% CI)	HCB % change (95% CI)	β-HCH % change (95% CI)	t-NC % change (95% CI)	
Sample date (per 100 days)	A	2.8 (0.7, 4.9)	5.0 (2.4, 7.7)	-1.6 (-3.4, 0.2)	-2.5 (-3.7, -1.3)	-7.2 (-9.7, -4.7)	-2.4 (-3.7, -1.0)	-4.4 (-5.9, -2.8)	-0.5 (-2.2, 1.3)	
	B	3.2 (1.0, 5.4)	5.1 (2.3, 7.9)	-1.3 (-3.1, 0.6)	-2.2 (-3.5, -0.9)	-6.4 (-9.0, -3.8)	-2.7 (-4.1, -1.3)	-4.7 (-6.3, -3.1)	-0.5 (-2.3, 1.3)	
Country of residence	Norway	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	
	Sweden	A	39 (27, 53)	67 (49, 88)	8.0 (-0.7, 17)	43 (35, 52)	2.0 (-11, 16)	-2.5 (-8.7, 4.2)	7.4 (-0.5, 16)	-9.4 (-16, -1.7)
		B	34 (21, 47)	59 (41, 79)	7.6 (-1.4, 17)	41 (33, 50)	0.6 (-11, 14)	-5.3 (-11, 1.1)	3.8 (-3.8, 12)	-10 (-17, -2.6)
Maternal height (per 10 cm)	A	-6.7 (-14, 0.3)	-8.3 (-16, 0.6)	5.6 (-1.1, 13)	1.1 (-3.4, 5.9)	10 (-0.6, 22)	1.9 (-3.3, 7.3)	0.1 (-5.7, 6.2)	1.1 (-5.2, 7.7)	
	B	-4.3 (-11, 3.0)	-6.9 (-15, 2.1)	7.6 (0.7, 15)	2.8 (-1.8, 7.5)	13 (2.3, 24)	1.9 (-3.2, 7.1)	1.7 (-4.0, 7.7)	1.8 (-4.3, 8.4)	
Maternal BMI (per kg/m ²)	A	-1.4 (-3.0, 0.3)	-2.3 (-4.2, -0.2)	-0.5 (-1.9, 1.0)	-2.6 (-3.6, -1.6)	-1.1 (-3.3, 1.1)	-0.3 (-1.4, 0.9)	1.0 (-0.3, 2.4)	-2.0 (-3.4, -0.6)	
	B	-2.1 (-3.7, -0.4)	-3.0 (-5.0, -1.0)	-0.5 (-1.9, 1.1)	-2.2 (-3.2, -1.2)	-1.2 (-3.4, 1.0)	-0.02 (-1.2, 1.1)	1.6 (0.2, 2.9)	<i>-1.4 (-2.8, 0.01)</i>	
Maternal age	A	-0.1 (-1.5, 1.3)	-0.1 (-1.9, 1.7)	2.5 (1.2, 3.8)	2.9 (2.0, 3.8)	5.5 (3.5, 7.6)	2.6 (1.6, 3.7)	3.2 (2.0, 4.4)	3.5 (2.3, 4.8)	
	B	0.1 (-1.3, 1.6)	-0.2 (-2.0, 1.6)	3.2 (1.9, 4.6)	3.2 (2.3, 4.1)	6.6 (4.5, 8.6)	2.9 (1.8, 3.9)	3.3 (2.1, 4.4)	3.8 (2.5, 5.1)	
Smoking at conception	No	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	
	Yes	A	-4.7 (-15, 5.0)	-21 (-37, -7.4)	-26 (-38, -16)	0.9 (-5.3, 6.6)	3.0 (-11, 15)	-4.4 (-12, 2.5)	9.2 (1.9, 16)	7.0 (-1.1, 14)
		B	-5.4 (-16, 4.5)	-22 (-38, -7.6)	-24 (-35, -13)	1.7 (-4.5, 7.5)	6.4 (-6.6, 18)	-5.2 (-13, 1.8)	<i>7.4 (-0.1, 14)</i>	8.9 (0.9, 16)
Alcohol consumption (5 groups from low to high) ⁴	A	0.6 (-4.2, 5.5)	-0.4 (-6.2, 5.8)	5.1 (0.8, 9.7)	3.5 (0.4, 6.6)	3.3 (-3.2, 10)	3.2 (-0.2, 6.8)	2.5 (-1.3, 6.6)	5.6 (1.3, 10)	
	B	-1.0 (-5.7, 3.8)	-1.7 (-7.4, 4.4)	5.0 (0.5, 9.6)	3.8 (0.8, 6.9)	4.3 (-2.2, 11)	3.0 (-0.4, 6.4)	2.6 (-1.2, 6.6)	5.8 (1.5, 10)	
Education level (5 groups from low to high) ³	A	2.0 (-2.4, 6.6)	3.0 (-2.5, 8.7)	2.3 (-1.6, 6.3)	1.6 (-1.1, 4.4)	7.0 (0.9, 14)	1.4 (-1.7, 4.6)	3.3 (-0.3, 7.0)	4.8 (0.9, 8.8)	
	B	2.4 (-2.0, 7.0)	2.4 (-3.1, 8.2)	0.1 (-3.8, 4.2)	0.4 (-2.3, 3.2)	4.4 (-1.5, 11)	0.3 (-2.7, 3.3)	1.6 (-1.9, 5.2)	3.8 (0.0, 7.8)	
Parity	1	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	<i>ref.</i>	
	2	A	-3.1 (-13, 7.9)	-6.7 (-19, 6.8)	8.1 (-1.8, 19)	7.2 (0.3, 15)	7.6 (-7.1, 25)	2.1 (-5.4, 10)	1.2 (-7.2, 10)	0.3 (-8.6, 10)
		B	-0.0 (-10, 11)	-4.6 (-17, 9.1)	8.0 (-2.0, 19)	6.0 (-0.8, 13)	3.9 (-10, 20)	1.6 (-5.6, 9.4)	2.6 (-5.7, 12)	1.6 (-7.2, 11)
Previous breastfeeding duration (per month)	A	-1.3 (-2.3, -0.2)	-1.6 (-2.8, -0.3)	-2.3 (-3.2, -1.4)	-2.1 (-2.7, -1.4)	-3.5 (-4.9, -2.2)	-1.9 (-2.6, -1.2)	-2.7 (-3.6, -1.9)	-1.0 (-1.9, -0.1)	
	B	-1.7 (-2.7, -0.6)	-1.8 (-3.1, -0.5)	-2.5 (-3.4, -1.6)	-2.1 (-2.8, -1.5)	-3.5 (-4.8, -2.1)	-2.0 (-2.7, -1.3)	-2.6 (-3.4, -1.8)	-1.3 (-2.1, -0.4)	
Time since last breastfeeding period (per year)	A	4.8 (2.9, 6.8)	2.8 (0.5, 5.2)	-0.5 (-2.1, 1.1)	-0.4 (-1.5, 0.7)	-0.6 (-3.0, 1.9)	-0.2 (-1.5, 1.0)	0.2 (-1.2, 1.7)	-0.01 (-1.6, 1.6)	
	B	4.8 (2.9, 6.8)	<i>2.4 (-0.02, 4.8)</i>	-1.1 (-2.7, 0.6)	-0.7 (-1.9, 0.4)	-1.0 (-3.4, 1.5)	-0.1 (-1.4, 1.2)	0.7 (-0.8, 2.2)	-0.2 (-1.8, 1.4)	

¹Multivariable models were adjusted for all variables included in the table.

²Stratum-weighted: weights are the inverse probability of selection.

³Education level (ordinal): 1=<9 years, 2=9-11 years, 3=12 years, 4=higher education, non-university level, 5=higher education, university level.

⁴Alcohol consumption during pregnancy (ordinal): 0=never, 1=<once a month, 2=once a month, 3=2-3 times a month, 4=>once a week.

A: Un-weighted analysis, B: Stratum-weighted analysis