

Supplementary Table 6. Comparison of baseline characteristics of the participants according to urinary concentration of BPF

Characteristic	Men (n=1,874)			Women (n=2,327)		
	Low (n = 1,406)	High (n = 468)	<i>p</i> -value ^a	Low (n = 1,746)	High (n = 581)	<i>p</i> -value ^a
Age (years)	47.30 ± 0.84	44.55 ± 1.18	0.034	48.67 ± 0.90	48.24 ± 1.27	0.747
BMI (kg/m ²)	25.31 ± 0.15	25.68 ± 0.33	0.217	24.04 ± 0.14	24.27 ± 0.26	0.348
Education level						0.207
No formal education	9 (0.4)	2 (1.4)	0.363	31 (1.4)	14 (2.7)	
≤ High school	716 (43.1)	256 (42.9)		1018 (52.2)	326 (48.6)	
≥ College	681 (56.5)	210 (55.7)		697 (46.4)	241 (48.7)	
Marital status						0.940
Single	218 (25.8)	80 (29.9)	0.219	211 (19.2)	70 (20.2)	
Married, cohabiting	1096 (69.3)	345 (63.2)		1261 (66.5)	425 (65.8)	
Others (divorce, separation)	92 (4.9)	43 (6.9)		274 (14.3)	86 (14.0)	
Household income (million KRW) ^b						0.656
<1	181 (8.8)	62 (8.9)	0.983	261 (12.5)	86 (13.6)	
1–3	442 (29.1)	152 (28.3)		557 (30.9)	189 (30.4)	
3–5	392 (31.6)	138 (33.1)		439 (26.3)	167 (28.9)	
≥5	391 (30.5)	116 (29.7)		489 (30.3)	139 (27.1)	
Alcohol consumption						0.661
No	147 (9.1)	42 (9.4)	0.904	480 (26.6)	168 (25.6)	
Yes	1259 (90.9)	426 (90.6)		1266 (73.4)	413 (74.4)	
Physical activity						0.899
None	692 (50.5)	217 (46.9)	0.311	906 (52.8)	308 (53.3)	
Regular	714 (49.5)	251 (53.1)		840 (47.2)	273 (46.7)	
Smoking						0.087
None or ex	964 (66.4)	293 (63.1)	0.397	1694 (96.4)	565 (98.1)	
Current	442 (33.6)	175 (36.9)		52 (3.6)	16 (2.9)	
Use of rigid clear plastic containers for hot foods						0.147
Rarely	1126 (79.5)	356 (68.8)	< 0.001	1382 (78.0)	442 (73.3)	
≤Once a week	165 (11.6)	54 (14.6)		220 (12.6)	70 (13.4)	
>Once a week	115 (8.9)	58 (16.6)		144 (9.4)	69 (13.3)	
Consumption of takeaway foods wrapped in plastic films						0.018
Rarely	786 (49.9)	260 (43.5)	0.270	1044 (54.7)	338 (52.4)	
≤Once a week	528 (40.7)	174 (45.8)		605 (37.9)	223 (44.2)	
>Once a week	92 (9.4)	34 (10.7)		97 (7.4)	20 (3.4)	
Consumption of canned food						0.018
Rarely	536 (31.7)	193 (29.7)	0.147	770 (38.6)	270 (43.7)	
≤Once a week	630 (45.9)	215 (53.9)		804 (49.4)	263 (49.4)	
>Once a week	240 (22.4)	60 (16.4)		172 (12.0)	48 (6.9)	
Consumption of large fish/tuna						0.211
Rarely	791 (53.8)	276 (47.7)	0.016	1058 (57.2)	353 (59.2)	
≤Once a week	546 (40.1)	182 (50.1)		636 (39.3)	213 (39.1)	
>Once a week	69 (6.1)	10 (2.2)		52 (3.5)	15 (1.7)	
Consumption of fish						0.885
Rarely	132 (12.3)	44 (8.4)	0.159	182 (11.2)	55 (10.3)	
≤Once a week	918 (63.5)	319 (70.1)		1158 (68.1)	392 (69.0)	
>Once a week	356 (24.2)	105 (21.5)		406 (20.7)	134 (20.7)	
Consumption of crustaceans						0.391
Rarely	687 (46.2)	248 (47.5)	0.799	919 (49.4)	296 (48.3)	
≤Once a week	681 (50.7)	205 (48.5)		781 (47.5)	268 (47.0)	
>Once a week	38 (3.1)	15 (4.0)		46 (3.1)	17 (4.7)	

Consumption of seaweed						0.593
Rarely	103 (9.0)	31 (7.0)	0.484	90 (4.9)	26 (4.7)	
≤Once a week	628 (44.9)	215 (47.5)		776 (46.5)	249 (43.2)	
>Once a week	675 (46.1)	222 (45.5)		880 (48.6)	306 (52.1)	
Consumption of shellfish						0.351
Rarely	639 (44.2)	221 (42.6)	0.719	837 (46.3)	273 (42.8)	
≤Once a week	723 (52.6)	226 (53.2)		846 (50.2)	279 (52.3)	
>Once a week	44 (3.2)	21 (4.2)		63 (3.5)	29 (4.9)	
Consumption of other seafood items						0.172
Rarely	526 (35.8)	169 (30.5)	0.168	724 (41.0)	224 (35.3)	
≤Once a week	820 (59.0)	284 (66.1)		954 (54.9)	331 (60.6)	
>Once a week	60 (5.2)	15 (3.4)		68 (4.1)	26 (4.1)	

Urinary BPF is covariate-adjusted standardised (CAS) concentration. Categorical variables are presented as number (weighted percentage), and continuous variables as weighted mean ± standard error.

BPF: bisphenol F; BMI: body mass index.

^a*p*-values for continuous variables were obtained using survey-weighted linear regression, and for categorical variables were calculated using the Rao–Scott χ^2 test; ^b1 million KRW = 714 US dollars, 3 million KRW = 2,142 US dollars, 5 million KRW = 3,570 US dollars (based on an exchange rate of 1 US dollar = 1,400 KRW).