

Supplementary Table 7. Comparison of baseline characteristics of the participants according to urinary concentration of BPS

Characteristic	Men			Women		
	Low (n=1,406)	High (n=468)	<i>p</i> -value ^a	Low (n=1,745)	High (n=582)	<i>p</i> -value ^a
Age (years)	47.57 ± 0.79	44.08 ± 1.29	< 0.001	49.15 ± 0.95	46.76 ± 1.08	< 0.001
BMI (kg/m ²)	25.48 ± 0.15	25.21 ± 0.24	0.088	24.15 ± 0.16	23.94 ± 0.23	0.452
Education level						
No formal education	11 (0.9)	0 (0.0)	0.116	38 (1.8)	7 (1.5)	0.357
≤High school	735 (43.7)	237 (41.2)		1,018 (52.3)	326 (48.2)	
≥College	660 (55.4)	231 (58.8)		689 (45.9)	249 (50.3)	
Marital status						0.777
Single	197 (23.9)	101 (34.6)	0.008	204 (19.0)	77 (21.0)	
Married, cohabiting	1,104 (70.3)	337 (61.0)		1,267 (66.6)	419 (65.4)	
Others (divorce, separation)	105 (5.8)	30 (4.4)		274 (14.4)	86 (13.6)	
Household income (million KRW) ^b						0.057
<1	190 (9.7)	53 (6.5)	0.489	283 (14.4)	64 (8.6)	
1–3	446 (28.4)	148 (30.2)		553 (30.3)	193 (34.6)	
3–5	393 (31.4)	137 (33.6)		449 (26.2)	157 (29.8)	
≥5	377 (30.5)	130 (29.6)		460 (29.1)	168 (27.0)	
Alcohol consumption						0.092
No	144 (9.3)	45 (8.9)	0.840	509 (27.7)	139 (22.3)	
Yes	1,262 (90.7)	423 (91.1)		1,236 (72.3)	443 (77.7)	
Physical activity						0.542
None	690 (50.9)	219 (46.2)	0.286	918 (52.5)	296 (54.5)	
Regular	716 (49.1)	249 (53.8)		827 (47.5)	286 (45.5)	
Smoking						0.417
None or ex	940 (65.9)	317 (64.7)	0.731	1,698 (97.0)	561 (96.1)	
Current	466 (34.1)	151 (35.3)		47 (3.0)	21 (3.9)	
Use of rigid clear plastic containers for hot foods						0.003
Rarely	1,131 (78.3)	351 (73.1)	0.336	1,407 (79.0)	417 (69.9)	
≤Once a week	150 (11.3)	69 (15.0)		192 (12.0)	98 (15.5)	
>Once a week	125 (10.4)	48 (11.9)		146 (9.0)	67 (14.6)	
Consumption of takeaway foods wrapped in plastic films						< 0.001
Rarely	807 (49.0)	239 (46.5)	0.076	1,073 (55.8)	309 (49.3)	
≤Once a week	521 (42.7)	181 (40.3)		601 (39.2)	227 (40.4)	
>Once a week	78 (8.3)	48 (13.2)		71 (5.0)	46 (10.3)	
Consumption of canned food						0.461
Rarely	557 (32.1)	172 (29.1)	0.526	795 (40.6)	245 (37.7)	
≤Once a week	625 (46.7)	220 (50.9)		801 (49.3)	266 (50.0)	
>Once a week	224 (21.2)	76 (20.0)		149 (10.1)	71 (12.3)	
Consumption of large fish/tuna						0.338
Rarely	789 (51.9)	278 (53.2)	0.563	1,061 (58.1)	350 (56.7)	
≤Once a week	555 (42.4)	173 (43.0)		634 (39.3)	215 (39.1)	
>Once a week	62 (5.7)	17 (3.8)		50 (2.6)	17 (4.2)	
Consumption of fish						0.428
Rarely	127 (11.3)	49 (11.3)	0.254	177 (11.0)	60 (10.8)	
≤Once a week	928 (63.7)	309 (69.1)		1,158 (67.5)	392 (70.8)	
>Once a week	351 (25.0)	110 (19.6)		410 (21.5)	130 (18.4)	
Consumption of crustaceans						0.182
Rarely	719 (49.5)	216 (38.5)	0.002	937 (49.7)	278 (47.5)	
≤Once a week	649 (46.8)	237 (58.9)		770 (47.4)	279 (47.2)	
>Once a week	38 (3.7)	15 (2.6)		38 (2.9)	25 (5.3)	
Consumption of seaweed						0.533
Rarely	100 (8.2)	34 (9.3)	0.028	88 (5.1)	28 (4.1)	
≤Once a week	607 (43.1)	236 (52.0)		768 (45.0)	257 (47.8)	
>Once a week	699 (48.7)	198 (38.7)		889 (49.9)	297 (48.1)	

Consumption of shellfish						0.917
Rarely	662 (45.3)	198 (39.9)	0.053	848 (45.6)	262 (44.9)	
≤Once a week	694 (50.7)	255 (58.1)		829 (50.5)	296 (51.5)	
>Once a week	50 (4.0)	15 (2.0)		68 (3.9)	24 (3.5)	
Consumption of other seafood items						0.052
Rarely	543 (36.2)	152 (29.7)	0.096	742 (40.9)	206 (35.7)	
≤Once a week	806 (58.7)	298 (66.3)		933 (54.7)	352 (61.2)	
>Once a week	57 (5.1)	18 (4.0)		70 (4.4)	24 (3.1)	

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

BPS: bisphenol S; 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).