

Supplementary Table 2. Covariate preselection: Spearman correlations of candidate covariates with ln(BPS/UCr) (n = 4,275)

Variable	Spearman r	<i>p</i> -value
Sociodemographic		
Sex	0.143 ^a	<0.001
Smoking status	−0.075 ^a	<0.001
Household income (monthly)	0.046 ^a	0.003
Body mass index	−0.015	0.315
Alcohol consumption (yes/no)	−0.007	0.664
Age group	0.005	0.767
Behavioral factors		
Use of coated containers (e.g., oven/air-fryer)	0.044 ^a	0.004
Placing hot foods into rigid transparent plastic containers	0.044 ^a	0.004
Use of coated frying pans	0.032 ^a	0.038
Use of disposable paper cups	0.024 ^a	0.119
Use of coated rice cooker/pressure cooker	−0.018	0.253
PET-bottled beverage consumption	−0.013	0.379
Use of coated pots	−0.011	0.481
Cup ramen consumption	−0.009	0.568
Microwavable packaged foods	0.006	0.694
Canned foods	−0.004	0.816
Microwaved foods covered with plastic wrap	0.002	0.904
Placing hot water into rigid plastic containers	−0.002	0.913

Spearman correlations were calculated between each candidate covariate and ln(BPS/urinary creatinine).

Variables with $|r| \geq 0.02$ were considered to pass screening.

BPS: bisphenol S; UCr: urinary creatinine; PET: polyethylene terephthalate.

^aVariables that passed the screening criterion.