

**Supplementary Table 2.** Characteristics of population according to quartiles of urinary bisphenol S concentrations, National Health and Nutrition Examination Survey 2013 to 2014 ( $n=745$ )

| Characteristic                    | Quartile 1<br>(<0.2 ng/mL) | Quartile 2<br>(0.2–0.4 ng/mL) | Quartile 3<br>(0.4–0.7 ng/mL) | Quartile 4<br>(>0.7 ng/mL) | P value |
|-----------------------------------|----------------------------|-------------------------------|-------------------------------|----------------------------|---------|
| No. of participants               | 156                        | 209                           | 197                           | 183                        |         |
| Age, yr                           | 11.2±0.3                   | 11.3±0.3                      | 11.5±0.3                      | 11.4±0.4                   | 0.73    |
| Sex, %                            |                            |                               |                               |                            | 0.62    |
| Boys                              | 55.2 (3.6)                 | 50.8 (5.5)                    | 51.3 (5.3)                    | 46.0 (3.8)                 |         |
| Girls                             | 44.8 (3.6)                 | 49.2 (5.5)                    | 48.7 (5.3)                    | 54.0 (3.8)                 |         |
| Race/ethnicity, %                 |                            |                               |                               |                            | 0.03    |
| Hispanic                          | 23.2 (6.6)                 | 17.8 (4.4)                    | 25.3 (4.7)                    | 32.9 (5.4)                 |         |
| Non-Hispanic white                | 57.1 (7.1)                 | 60.5 (7.1)                    | 45.3 (6.7)                    | 42.0 (6.4)                 |         |
| Non-Hispanic black                | 8.9 (3.2)                  | 13.1 (3.2)                    | 19.6 (3.5)                    | 15.4 (2.3)                 |         |
| Other                             | 10.8 (2.0)                 | 8.7 (2.4)                     | 9.8 (3.0)                     | 9.6 (2.0)                  |         |
| Family income to poverty ratio, % |                            |                               |                               |                            | 0.51    |
| ≤1.30                             | 41.1 (8.1)                 | 27.8 (2.0)                    | 38.8 (5.7)                    | 36.8 (4.6)                 |         |
| 1.31–3.50                         | 30.8 (7.1)                 | 34.1 (4.2)                    | 27.6 (4.9)                    | 31.3 (4.9)                 |         |
| >3.50                             | 23.8 (5.2)                 | 31.7 (5.8)                    | 27.1 (5.0)                    | 23.3 (5.2)                 |         |
| Missing                           | 4.2 (1.5)                  | 6.4 (2.0)                     | 6.6 (2.5)                     | 8.7 (1.9)                  |         |
| Total calories, kcal/day          | 1,968.6±68.5               | 1,873.0±71.0                  | 2,057.8±99.7                  | 2,035.1±116.4              | 0.36    |
| HEI-2010 score                    | 44.9±1.2                   | 46.5±1.5                      | 47.6±1.7                      | 45.5±1.6                   | 0.14    |
| TV watching, %                    |                            |                               |                               |                            | 0.88    |
| <2 hr                             | 36.1 (5.4)                 | 40.7 (3.3)                    | 39.7 (4.6)                    | 38.9 (4.3)                 |         |
| ≥2 hr                             | 63.9 (5.4)                 | 59.3 (3.3)                    | 60.3 (4.6)                    | 61.1 (4.3)                 |         |
| General obesity, %                |                            |                               |                               |                            | 0.79    |
| Yes                               | 18.8 (4.8)                 | 20.5 (3.8)                    | 20.4 (3.2)                    | 24.2 (5.5)                 |         |
| No                                | 81.2 (4.8)                 | 79.5 (3.8)                    | 79.6 (3.2)                    | 75.8 (5.5)                 |         |
| Abdominal obesity, %              |                            |                               |                               |                            | 0.61    |
| Yes                               | 37.8 (4.8)                 | 32.2 (3.4)                    | 33.2 (4.6)                    | 38.4 (6.9)                 |         |
| No                                | 62.2 (4.8)                 | 67.8 (3.4)                    | 66.8 (4.6)                    | 61.6 (6.9)                 |         |

Values are presented as weighted mean±standard error (SE) for continuous variables and weighted percentages (SE) for categorical variables except number of participants.

HEI, Healthy Eating Index.