**Supplementary Tables**

**Table S1.** Least square means of MCAMA among age groups and race/ethnic groups in the CPD regression model.

|  |  |
| --- | --- |
| **Variable** | **Least square mean [25th %ile, 75th %ile]** |
|  |  |
| **Age** |  |
| 12 – 19 | 176 [161, 192] |
| 20 – 39 | 221 [205, 239] |
| 40 – 59 | 280 [260, 301] |
| ≥60 | 301 [278, 325] |
|  |  |
| **Race/Ethnicity** |  |
| Non-Hispanic White | 279 [262, 298] |
| Non-Hispanic Black | 191 [177, 206] |
| Mexican American | 253 [233, 274] |
| Other Hisp. or Other/Multi Race | 244 [224, 264] |

**Table S2.** Pairwise comparisons of MCAMA least square means in the CPD regression model between age and racial/ethnic groups with Bonferroni adjustment for multiple comparisons. An adjusted p-value < 0.05 is statistically significant.

|  |  |  |
| --- | --- | --- |
| **Variable** | **Variable** | **Adjusted p values1** |
|  |  |  |
| **Age** | **Age** |  |
| 12 – 19 | 40 – 59 | <0.0001 |
| 12 – 19 | ≥60 | <0.0001 |
| 12 – 19 | 20 – 39 | <0.0001 |
| 40 – 59 | ≥60 | 0.045 |
| 40 – 59 | 20 – 39 | <0.0001 |
| ≥60 | 20 – 39 | <0.0001 |
|  |  |  |
| **Race/Ethnicity** | **Race/Ethnicity** |  |
| Non-Hispanic Black | Mexican American | <0.0001 |
| Non-Hispanic Black | Other Hisp. or Other/Multi Race | <0.0001 |
| Non-Hispanic Black | Non-Hispanic White | <0.0001 |
| Mexican American | Other Hisp. or Other/Multi Race | >0.999 |
| Mexican American | Non-Hispanic White | 0.0149 |
| Other Hisp. or Other/Multi Race | Non-Hispanic White | 0.0006 |

**1Adjusted P values were calculated by unadjusted P values multiplied by the number of tests (six).**

**Table S3.**Median information for all numerical variables from NHANES 2005 – 2006, 2011– 2012, 2013– 2014, 2015– 2016 (N = 8,270). Variables in which the median consumption was zero are not shown.

| **Variable** | **50th percentile** |
| --- | --- |
| Cotinine, serum [ng/ml]: Exclusive cigarette smokers | 215.10 |
| Cotinine, serum [ng/ml]: Nonsmoker | 0.02 |
| Creatinine, Urine [g/L] | 0.99 |
| Fasting time [HH.00] | 6.04 |
| Coffee [kg] | 0.12 |
| Fruits [kg] | 0.058 |
| Grain Products [kg] | 0.26 |
| Meat, Poultry, Fish [kg] | 0.16 |
| Milk Products [kg] | 0.12 |
| Sugars, Sweets, Beverages [kg] | 1.75 |
| Vegetables [kg] | 0.11 |