Supplementary Materials:

Supplementary Table S1: 100% fruit juice food code list for the U.S.

| Food code | Description |
|-----------|--|
| 61201010 | Grapefruit juice, 100%, freshly squeezed |
| 61201020 | Grapefruit juice, 100%, NS as to form |
| 61201220 | Grapefruit juice, 100%, canned, bottled or in a carton |
| 61201225 | Grapefruit juice, 100%, with calcium added |
| 61201620 | Grapefruit juice,100%, frozen, reconstituted |
| 61204000 | Lemon juice, 100%, NS as to form |
| 61204010 | Lemon juice, 100%, freshly squeezed |
| 61204200 | Lemon juice, 100%, canned or bottled |
| 61207000 | Lime juice, 100%, NS as to form |
| 61207010 | Lime juice, 100%, freshly squeezed |
| 61207200 | Lime juice, 100%, canned or bottled |
| 61210000 | Orange juice, 100%, NFS |
| 61210010 | Orange juice, 100%, freshly squeezed |
| 61210220 | Orange juice, 100%, canned, bottled or in a carton |
| 61210250 | Orange juice, 100%, with calcium added, canned, bottled or in a carton |
| 61210620 | Orange juice, 100%, frozen, reconstituted |
| 61210720 | Orange juice, 100%, frozen, not reconstituted |
| 61210820 | Orange juice, 100%, with calcium added, frozen, reconstituted |
| 61213220 | Tangerine juice, 100% |
| 61213800 | Fruit juice blend, citrus, 100% fruit juice |
| 61213900 | Fruit juice blend, citrus, 100% fruit juice, with calcium added |
| 64100100 | Fruit juice, NFS |
| 64100110 | Fruit juice blend, 100% fruit juice |
| 64100200 | Cranberry juice blend, 100% fruit juice |

| Cranberry juice blend, 100% fruit juice, with calcium added |
|--|
| Apple cider |
| Apple juice, 100% |
| Apple juice, 100%, with calcium added |
| Blackberry juice, 100% |
| Cranberry juice, 100%, not a blend |
| Grape juice, 100% |
| Grape juice, 100%, with calcium added |
| Papaya juice, 100% |
| Passion fruit juice, 100% |
| Pineapple juice, 100% |
| Pomegranate juice, 100% |
| Prune juice, 100% |
| Strawberry juice, 100% |
| Watermelon juice, 100% |
| Apple juice, baby food |
| Apple juice, with added calcium, baby food |
| Apple-fruit juice blend, baby food |
| Apple-banana juice, baby food |
| Apple-cherry juice, baby food |
| Apple-grape juice, baby food |
| Apple-peach juice, baby food |
| Apple-prune juice, baby food |
| Grape juice, baby food |
| Mixed fruit juice, not citrus, baby food |
| Mixed fruit juice, not citrus, with added calcium, baby food |
| Orange juice, baby food |
| |

| 67211000 | Orange-apple-banana juice, baby food |
|----------|--------------------------------------|
| 67212000 | Pear juice, baby food |

| Supplementary Table S2: 100% fruit juice food code list for the U | JK. |
|---|-----|
|---|-----|

| Food Code | Food Description |
|-----------|--|
| 2317 | APPLE JUICE UNSWEETENED CANNED |
| 2318 | APPLE JUICE UNSWEETENED CARTONS PASTEURISED |
| 2319 | APPLE JUICE UNSWEETENED UHT |
| 2328 | GRAPEFRUIT JUICE UNSWEETENED CANNED |
| 2329 | GRAPEFRUIT JUICE UNSWEETENED PASTEURISED |
| 2330 | GRAPEFRUIT JUICE UNSWEETENED UHT |
| 2336 | ORANGE JUICE UNSWEETENED CANNED |
| 2337 | ORANGE JUICE UNSWEETENED PASTURISED |
| 2338 | ORANGE JUICE UNSWEETENED AMBIENT / UHT |
| 2339 | ORANGE JUICE FRESHLY SQUEEZED JUICE |
| 2343 | PINEAPPLE JUICE UNSWEETENED CANNED |
| 2344 | PINEAPPLE JUICE UNSWEETENED PASTEURISED |
| 2345 | PINEAPPLE JUICE UNSWEETENED UHT |
| 8604 | MANGO JUICE FRESH |
| 8640 | PRUNE JUICE BOTTLED UNSWEETENED |
| 9350 | REDCURRANT JUICE FRESH |
| 10209 | BLUEBERRY, APPLE AND GRAPE FRUIT JUICE 100% FRUIT JUICE |
| 10285 | APPLE AND BLACKCURRANT FRUIT JUICE, NOT FROM CONCENTRATE |
| 10366 | ORANGE JUICE PASTEURISED FORTIFIED WITH CALCIUM |
| 8114 | POMEGRANATE JUICE PURCHASED FORTIFIED |
| 8450 | MIXED FRUIT JUICE CANNED UNSWEETENED 100% FRUIT JUICE |
| 9186 | APPLE/PEAR JUICE CONCENTRATE UNSWEETENED |
| 10483 | VITAFIT MULTIVITAMIN 11 FRUIT JUICE |

| 2357 | MIXED FRUIT JUICE PASTEURISED |
|------|--|
| 2359 | FROZEN ORANGE JUICE CONCENTRATE |
| 2360 | FROZEN ORANGE JUICE CONCENTRATE MADE UP |
| 8082 | FRUIT JUICE FORTIFIED WITH MULTIVITAMINS |
| 7892 | BABY PURE FRUIT JUICE CONCENTRATE FORTIFIED WITH VITAMIN C |
| 2096 | PASSION FRUIT RAW JUICE ONLY |
| 2132 | POMEGRANATE RAW JUICE ONLY |
| 4359 | INFANT AND TODDLER PURE FRUIT JUICE WITH ADDED VITAMIN C, |
| | |

| Food Code | Description (Brazilian) | Description (English Translation) |
|-----------|----------------------------|---|
| 8507901 | SUCO ORGANICO | Orange, juice, fresh |
| 8307901 | SOCO ORGANICO | Orange, Juice, mesin |
| 8507907 | SUCO DE LARANJA ORGANICO | Orange, juice, fresh |
| | | |
| 8500401 | SUCO | Orange, juice, fresh |
| 8500402 | SUCO DE ABACAXI | Pineapple, juice, plain, purchased ready-to-drink |
| | | |
| 8500403 | SUCO DE ACEROLA | Acerola juice |
| 8500407 | SUCO DE LARANJA | Orange, juice, fresh |
| 8300407 | SOCO DE LARANJA | Orange, Juice, mesin |
| 8500408 | SUCO DE LARANJA COM BANANA | Orange, juice, orange-banana |
| | | |
| 8500412 | SUCO DE MAMAO | Papaya juice |
| 8500414 | SUCO DE MARACUJA | Passion fruit, juice |
| | | |
| 8500415 | SUCO DE MELAO | Watermelon juice |
| 8500416 | SUCO DE MORANGO | Strawberry juice |
| 0000110 | | |
| 8507902 | SUCO DE ABACAXI ORGANICO | Pineapple, juice, plain, purchased ready-to-drink |
| | | |
| 8507903 | SUCO DE ACEROLA ORGANICO | Acerola juice |
| 8507914 | SUCO DE MARACUJA ORGANICO | Passion fruit, juice |
| | | |
| 8507916 | SUCO DE MORANGO ORGANICO | Strawberry juice |
| | | |

Supplementary Table S3: 100% fruit juice food code list for Brazil.

| Populati | Consumption of 100% juice on | | | | Consumption of 100% juice on | | | | Consumption of 100% juice on | | | |
|----------|--------------------------------|----------|-------|-------|--------------------------------|------|---------------------|-------|-------------------------------|------|-------|-------|
| on | EITHER day of the 2-day survey | | | | ONLY Day 1 of the 2-day survey | | | | BOTH days of the 2-day survey | | | |
| Group | | | | | | | (BOTH Days 1 and 2) | | | | | |
| (age, | Numb % users Mea SEM | | | | Numb % of Mea SEM | | | | Numb % of Mea SEM | | | |
| years) | | of total | | | | | | | | | | |
| | er | | n | (g/da | er | tota | n | (g/da | er | tota | n | (g/da |
| | | surveye | Intak | y) | | I | Intak | y) | | I | Intak | y) |
| | | d) | е | | | user | е | | | user | е | |
| | | | (g/d) | | | S | (g/d) | | | S | (g/d) | |
| Children | 123 | 51.85 | 139.1 | 15.80 | 29 | 32.7 | 136.1 | 20.58 | 73 | 47.6 | 205.9 | 20.10 |
| (<1.5) | | | 4 | | | 2 | 7 | | | 3 | 9 | |
| Children | 159 | 66.76 | 177.7 | 12.20 | 40 | 22.6 | 181.6 | 23.50 | 84 | 50.5 | 243.9 | 17.82 |
| (1.5 to | | | 3 | | | 2 | 5 | | | 9 | 8 | |
| 2) | | | | | | | | | | | | |
| Children | 599 | 59.42 | 193.0 | 8.51 | 148 | 27.3 | 216.9 | 10.92 | 279 | 44.1 | 267.6 | 18.94 |
| (3 to 9) | | | 8 | | | 4 | 9 | | | 5 | 3 | |
| Children | 227 | 47.84 | 181.8 | 13.27 | 59 | 28.1 | 221.8 | 13.57 | 76 | 33.1 | 273.9 | 21.36 |
| (10 to | | | 5 | | | 7 | 6 | | | 7 | 3 | |
| 12) | | | | | | | | | | | | |
| Male | 189 | 41.42 | 222.6 | 28.82 | 71 | 35.6 | 375.6 | 32.60 | 46 | 21.9 | 428.8 | 58.27 |
| Teens | | | 0 | | | 5 | 2 | | | 5 | 3 | |
| (13 to | | | | | | | | | | | | |
| 19) | | | | | | | | | | | | |
| Female | 177 | 26.44 | 165.4 | 15.37 | 64 | 33.7 | 285.8 | 42.80 | 38 | 21.6 | 287.9 | 50.84 |
| Teens | | | 4 | | | 2 | 5 | | | 2 | 1 | |
| (13 to | | | | | | | | | | | | |
| 19) | | | | | | | | | | | | |
| Male | 416 | 26.08 | 217.1 | 12.82 | 155 | 34.5 | 323.4 | 27.00 | 103 | 29.3 | 332.2 | 33.69 |
| Young | | | 6 | | | 8 | 0 | | | 2 | 4 | |
| Adults | | | | | | | | | | | | |

Supplementary Table S4: Frequency of 100% FJ Intake and Amount of 100% FJ Consumed: Results from NHANES 2013-2014.

| (20 to 59) | | | | | | | | | | | | |
|-----------------|------|-------|------------|-------|-----|-----------|------------|-------|------|-----------|------------|-------|
| Female Young | 476 | 28.96 | 161.6 7 | 10.53 | 182 | 37.1 8 | 204.0 8 | 11.47 | 111 | 25.1 7 | 307.3 2 | 29.17 |
| Adults | | | | | | | | | | | | |
| (20 to 59) | | | | | | | | | | | | |
| 59) | | | | | | | | | | | | |
| Male | 230 | 31.72 | 182.3 | 11.82 | 66 | 29.8 | 226.2 | 18.96 | 93 | 45.7 | 272.1 | 13.33 |
| Older | | | 9 | | | 1 | 0 | | | 5 | 1 | |
| Adults | | | | | | | | | | | | |
| (60+) | | | | | | | | | | | | |
| Female | 282 | 34.92 | 158.4 | 14.02 | 71 | 25.8 | 177.1 | 20.20 | 113 | 45.5 | 207.0 | 14.50 |
| Older | | | 5 | | | 3 | 8 | | | 4 | 8 | |
| Adults | | | | | | | | | | | | |
| (60+) | | | | | | | | | | | | |
| Total | 2878 | 34.16 | 183.8 | 3.97 | 885 | 31.7 | 243.7 | 7.93 | 1016 | 34.6 | 280.6 | 8.57 |
| Populati | | | 7 | | | 4 | 1 | | | 1 | 9 | |
| on (0+) | | | | | | | | | | | | |