

Supplement 6. Baseline participant characteristics (lost-to-follow-up group)

| Characteristic | Missing | Fruits consumption in quartiles (servings/wk) | | | | P-value* |
|--|-------------|---|-----------------|-----------------|-----------------|----------|
| | | 0–7.9 | 8–15.9 | 16–20.9 | ≥21 | |
| No. of participants | | 72,609 | 24,129 | 5,226 | 5,623 | |
| Sex | 0 | | | | | <0.001 |
| Female | | 44,292 (61) | 17,694 (73) | 4,093 (78) | 4,540 (81) | |
| Male | | 28,317 (39) | 6,435 (27) | 1,133 (22) | 1,083 (19) | |
| Age (y) | 0 | 52.85±8.70 | 52.62±8.33 | 52.20±8.05 | 52.01±7.85 | <0.001 |
| Family history of diabetes | 0 | 12,277 (17) | 4,426 (18) | 947 (18) | 1,052 (19) | <0.001 |
| Initial body mass index (kg/m ²) | 0 | 23.79±3.74 | 23.80±3.35 | 23.69±3.28 | 23.56±3.43 | <0.001 |
| Caloric intake per day (kcal) | 2,104 (2.0) | 1,661.74±560.66 | 1,887.89±582.67 | 2,040.62±663.94 | 2,252.50±820.37 | <0.001 |
| Initial moderate to vigorous exercise (min/wk) | 0 | | | | | <0.001 |
| 1–120 | | 20,318 (28) | 7,181 (30) | 1,525 (29) | 1,600 (28) | |
| 121–180 | | 5,094 (7.0) | 2,084 (8.6) | 506 (9.7) | 528 (9.4) | |
| Greater than 180 | | 9,140 (13) | 3,910 (16) | 973 (19) | 1,047 (19) | |
| None | | 38,057 (52) | 10,954 (45) | 2,222 (43) | 2,448 (44) | |
| Initial smoking status | 0 | | | | | <0.001 |
| Current smoker | | 11,582 (16) | 2,294 (9.5) | 384 (7.3) | 349 (6.2) | |
| Ex-smoker | | 11,134 (15) | 2,848 (12) | 514 (9.8) | 498 (8.9) | |
| Never-smoker | | 49,893 (69) | 18,987 (79) | 4,328 (83) | 4,776 (85) | |
| Initial drinking status | 0 | | | | | <0.001 |
| Drinker | | 35,099 (48) | 10,022 (42) | 2,021 (39) | 2,093 (37) | |
| Non-drinker | | 37,510 (52) | 14,107 (58) | 3,205 (61) | 3,530 (63) | |
| Initial income (million KRW/mo) | 0 | | | | | <0.001 |
| >4 | | 23,135 (32) | 8,347 (35) | 2,007 (38) | 2,298 (41) | |
| 2–4 | | 12,442 (17) | 3,832 (16) | 834 (16) | 842 (15) | |
| 1–1.99 | | 13,402 (18) | 5,192 (22) | 1,114 (21) | 1,149 (20) | |
| <1 | | 23,630 (33) | 6,758 (28) | 1,271 (24) | 1,334 (24) | |

Values are presented as number of participants, number (%), or mean±standard deviation.
KRW, Korean won.

*By Pearson's chi-square test; Kruskal-Wallis rank sum test.