**Table S4. Baseline characteristics of three Korean cohorts for obesity analysis**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** | **KARE** | | **CAVAS** | | **HEXA** | |
| **Control** | **Case** | **Control** | **Case** | **Control** | **Case** |
| **Subjects** | 4,812 | 3,632 | 5,536 | 3,764 | 12,180 | 5,170 |
| **Male (%)** | 2,412 (50.12) | 1,632 (44.93) | 2,181 (39.40) | 1,274 (33.85) | 3,707 (30.44) | 2,269 (43.89) |
| **Age (years)** | 52.14 (9.14) | 52.19 (8.57) | 63.02 (10.00) | 60.91 (9.14) | 53.36 (7.87) | 54.87 (7.85) |
| **BMI (kg/m2)** | 22.47 (1.82) | 27.43 (2.09) | 22.32 (1.88) | 27.40 (2.07) | 22.48 (1.66) | 26.96 (1.83) |
|  |  |  |  |  |  |  |
|  | **Mean (SD)** | | **Mean (SD)** | | **Mean (SD)** | |
| **Total calorie intake (kcal)** | 1900.333 (682.533) | 1943.489 (679.059) | 1528.845 (484.311) | 1604.220 (502.504) | 1745.225 (533.828) | 1791.889 (544.199) |
| **Protein intake (g)** | 65.794 (30.259) | 67.817 (29.720) | 45.500 (19.257) | 48.474 (20.900) | 59.082 (24.573) | 61.066 (25.896) |
| **Fat intake (g)** | 32.367 (21.140) | 32.848 (21.095) | 18.580 (13.566) | 19.741 (14.831) | 27.577 (16.893) | 28.387 (17.619) |
| **Carbohydrate intake (g)** | 340.652 (118.916) | 348.858 (118.301) | 289.008 (84.056) | 302.158 (85.676) | 311.293 (88.193) | 318.630 (88.509) |

Data are presented as number of participants (%) or mean (SD). The numerical value of calorie intakes is the average value of calorie intakes (kcal) [mean (SD)], and the numerical value of macronutrient intakes is the average of each macronutrient (g) [mean (SD)].

SD: standard deviation; BMI: body mass index.