**Table 1. Demographic variables among subjects with and without oral health conditions in the UK Biobank**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Without oral health conditions** **(n=326,905)** | **With oral health conditions\*****(n=170,815)** | ***P-value*** |
| Age (years)\*\* | 55.9 ± 8.1 | 57.8 ± 8.0 | <0.0001 |
| Sex (% male)\*\*\* | 46.1% (150,784) | 44.6% (76,126) | <0.0001 |
| Ethnicity |  |  | <0.0001 |
|  Caucasian | 95.3% (310,196) | 93.3% (158,816) |  |
|  Asian | 1.8% (5,720) | 2.4% (4,050) |  |
|  Black | 1.3% (4,293) | 2.2% (3,709) |  |
|  Other | 1.7% (5,412) | 2.2% (3,661) |  |
| Townsend deprivation index | -1.5 ± 3.0 | -0.8 ± 3.3 | <0.0001 |
| Diabetes | 4.6% (14,934) | 7.4% (12,511) | <0.0001 |
| Alcohol |  |  | <0.0001 |
|  Never | 17.6% (57,448) | 23.7% (40,399) |  |
|  1-3 drinks x per month | 11.0% (36,016) | 11.4% (19,408) |  |
|  1-2 drinks x per week | 26.1% (85,210) | 25.3% (43,071) |  |
|  3-4 drinks x per week | 24.2% (79, 090) | 20.8% (35,478) |  |
|  Daily or almost  daily | 21.0% (68,744) | 18.9% (32,256) |  |
| Smoker |  |  | <0.0001 |
|  Never | 58.6% (191,025) | 47.3% (80,498) |  |
|  Former | 32.3% (105,025) | 39.3% (66,794) |  |
|  Current | 9.2% (29.681) | 13.4% (22,741) |  |
| Systolic blood pressure (mmHg) | 137.3 ± 18.5 | 138.8 ± 18.9 | <0.0001 |
| Body mass index kilograms/meter2 | 27.1 ± 4.4 | 27.9 ± 4.7 | <0.0001 |
| Energy intake (kJ/day) | 8806.5 ± 3191.7 | 8868.0 ± 3311.1 | 0.23 |
| Physical activity METS -minutes/week  | 2638.3 ± 2659.2 | 2674.2 ± 2817.6 | <0.0001 |
| Systemic beta blocker use | 5.5% (17,919) | 8.0% (13,719) | <0.0001 |

\*Defined as bleeding gums, painful gums, toothache, loose teeth, and/or denture wear at the time of the survey; Townsend deprivation index is a measure of material deprivation based on residential address with a higher score corresponding to higher levels of poverty (including measures for employment, lack of car or home ownership, and household crowding); METS represent metabolic equivalents

\*\* All continuous variables presented as means± standard deviations.

\*\*\* All categorical variables presented as percentage (n).