**Supplementary Table 4. Age-standardized participant characteristics according to recent period duration of statin use in the pooled NHS and HPFS**a

| **NHS+HPFS (Pooled)** | **Recent Period Duration of Statin Use** c **(Years)** |
| --- | --- |
| **0** | **1 to 5** | **6 to 10** |
| Remote period duration of statin use b, years | 0.1 (0.8) | 0.7 (1.9) | 2.4 (3.2) |
| Recent period duration of statin use c, years | 0.0 (0.0) | 2.9 (1.0) | 8.2 (1.7) |
| Age, years | 73.0 (8.3) | 73.8 (7.9) | 75.0 (7.3) |
| White, % | 96.1 | 96.1 | 97.0 |
| Body mass index d, kg/m² | 25.7 (4.7) | 26.7 (5.0) | 26.9 (4.9) |
| Physical activity e, METs-hours/week | 25.1 (29.8) | 22.4 (27.7) | 22.8 (27.1) |
| Past smoking, % | 43.1 | 46.8 | 49.2 |
| Current smoking, % | 4.6 | 4.6 | 4.0 |
| Pack-years of smoking f | 13.7 (36.4) | 15.3 (37.7) | 17.1 (45.0) |
| Type 2 diabetes, % | 5.6 | 14.5 | 16.3 |
| Hypercholesterolemia, % | 44.8 | 90.0 | 96.5 |
| Family history of colorectal cancer, % | 14.3 | 14.5 | 15.6 |
| Screening colonoscopy or sigmoidoscopy, % | 53.4 | 64.1 | 74.3 |
| Polyps, % | 4.1 | 4.2 | 4.5 |
| Cumulative average dose of aspirin use, tablets/week | 2.1 (2.5) | 2.4 (2.4) | 2.7 (2.2) |
| Multivitamin use, % | 49.3 | 54.2 | 66.9 |
| Total folate intake, ug/day | 712 (315) | 735 (332) | 783 (342) |
| Total vitamin D, IU/day | 627 (490) | 642 (497) | 762 (580) |
| Total calcium intake, mg/day | 1291 (558) | 1309 (569) | 1408 (621) |
| AHEI | 54.0 (10.4) | 54.2 (10.4) | 55.9 (10.9) |
| Alcohol, g/day | 7.4 (12.5) | 7.0 (12.0) | 8.0 (12.9) |
| Red or processed meat, servings/week | 5.0 (3.5) | 5.0 (3.6) | 4.9 (3.7) |
| Total fiber, g/day | 21.6 (5.9) | 21.6 (6.1) | 22.0 (6.4) |
| Total calorie intake, kcal/day | 1807 (571) | 1754 (562) | 1726 (583) |

Abbreviations: NHS, Nurses’ Health Study; HPFS, Health Professionals Follow-up Study; kg, kilogram; m, meter; METs, metabolic equivalent tasks; ug, microgram; IU, international unit; mg, milligram; AHEI, Alternate Healthy Eating Index score; g, gram; kcal, kilocalorie.

a Updated information throughout follow-up (NHS: 1994-2016; HPFS: 1990-2014) was used to calculate the mean (SD) for continuous variables and percentage for categorical variables. All variables are age-standardized except age.

b Remote period duration of statin use: duration of regular statin use during every specific remote period (>10 years before every follow-up period, i.e. begin from 1994 (NHS) and 1990 (HPFS), and then was extended by every 2-year subsequent interval at a time, until 2004).

c Recent period duration of statin use: duration of regular statin use during every specific subsequent 10-year period after the remote periods.

d Body mass index was calculated as weight in kilograms divided by the square of height in meters.

e Weekly energy expenditure in MET-hours/week from recreational and leisure time physical activity.

f Cumulative among smokers.