**Supplementary Table 16. Total duration of statin use and colorectal cancer mortality in the pooled NHS and HPFS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NHS+HPFS (Pooled)** | **Total Duration of Statin Use (Years)** | ***P*-trend** e | **Per 5-year increment****HR (95% CI)**  | ***P*-trend** f |
| **0** | **1 to 5** | **6 to 10** | **11 to 15** | **>15** |
| **Colorectal cancer mortality** |  |  |  |  |  |  |  |  |
| No. of cases (562 in total) | 394 | 80 | 54 | 16 | 18 |  |  |  |
| Age-adjusted a | 1 [Ref] | 0.83 (0.65-1.06) | 0.65 (0.48-0.87) | 0.57 (0.34-0.96) | 1.06 (0.64-1.76) | .03 | 0.89 (0.79-0.99) | .04 |
| MV b | 1 | 0.90 (0.70-1.15) | 0.74 (0.55-1.01) | 0.67 (0.40-1.13) | 1.29 (0.78-2.16) | .33 | 0.96 (0.85-1.07) | .45 |
| MV + screening c | 1 | 0.90 (0.70-1.16) | 0.75 (0.55-1.02) | 0.68 (0.41-1.15) | 1.31 (0.78-2.18) | .37 | 0.96 (0.85-1.08) | .50 |
| MV + screening + hypercholesterolemia d | 1 | 1.01 (0.77-1.32) | 0.85 (0.61-1.17) | 0.77 (0.45-1.32) | 1.49 (0.88-2.52) | .98 | 1.02 (0.90-1.15) | .76 |

Abbreviations: NHS, Nurses’ Health Study; HPFS, Health Professionals Follow-up Study; MV, multivariate; HR, hazard ratio; CI, confidence interval.

a Stratified by age and follow-up cycle.

b Stratified by age and follow-up cycle; adjusted for sex, race, pack-years of smoking, physical activity, BMI, alcohol consumption, AHEI, regular use of aspirin, family history of colorectal cancer, history of diabetes mellitus, history of cardiovascular disease, multivitamin use, total calorie intake, red or processed meat intake, fiber intake, folate intake, calcium intake, and vitamin D intake.

c Controlled for the same sets of covariates as denoted above, and were additionally adjusted for screening colonoscopy or sigmoidoscopy.

d Controlled for the same sets of covariates as denoted above, and were additionally adjusted for screening colonoscopy or sigmoidoscopy and history of hypercholesterolemia.

e *P*-value for trend was calculated using the mid-point of each category of statin use in years.

f *P*-value for trend was the *P* value for variables modeled as continuous.