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| **Supplemental Table 1: Association between lipid-lowering medication use and incident prostate cancer by frequency of routine physical examinations, and among participants who had health insurance or had private health insurance and/or Medicare, men in ARIC (1990-2012)** |
|  | **Current lipid-lowering medication use** | **# Incident prostate cancer**  | **Person-years** | **HR \*** | **(95% CI)** |  | **HR †** | **(95% CI)** |
| **Routine Physical Examination** |
| At least once every 5 years | No | 313 | 38,635 | 1.0 | (Ref) |  | 1.0 | (Ref) |
|  Yes | 194 | 21,659 | 1.06 | (0.87-1.30) |  | 1.07 | (0.87-1.31) |
| Less frequently | No | 200 | 28,316 | 1.0 | (Ref) |  | 1.0 | (Ref) |
|  Yes | 93 | 11,873 | 0.90 | (0.68-1.18) |  | 0.95 | (0.72-1.26) |
|  |  | *P-interaction* | 0.84 |  | 0.76 |
| **Had Health Insurance** ‡ |
|  | No | 409 | 51,692 | 1.0 | (Ref) |  | 1.0 | (Ref) |
| Yes | 231 | 27,488 | 0.91 | (0.76-1.09) |  | 0.92 | (0.77-1.11) |
| **Had Private Health Insurance and/or Medicare** ‡ |
|  | No | 402 | 51,485 | 1.0 | (Ref) |  | 1.0 | (Ref) |
|  Yes | 226 | 27,321 | 0.92 | (0.77-1.10) |  | 0.93 | (0.78-1.12) |
|  |  |  |  |  |
| \* Adjusted for age, and joint categories of race and field center.† Adjusted for age, joint categories of race and field center, height, updated BMI, updated cigarette smoking status, updated diabetes status, updated aspirin use, and education level.‡ 91% had health insurance and 74% had private health insurance and/or Medicare. |

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| **Supplemental Table 2: Association between lipid-lowering medication use and fatal prostate cancer stratified by routine physical examination, and among participants who had health insurance or had private health insurance and/or Medicare, men in ARIC (1990-2012)** |
|  | **Current lipid-lowering medication use** | **# Prostate cancer deaths** | **Person- years** | **HR \*** | **(95% CI)** |  | **HR †** | **(95% CI)** |
| **Routine Physical Examination** |
| At least once every 5 years | No | 26 | 42,858 | 1.0 | (Ref) |  | 1.0 | (Ref) |
|  Yes | 26 | 26,508 | 0.83 | (0.45-1.52) |  | 0.85 | (0.46-1.57) |
| Less frequently | No | 27 | 31,149 | 1.0 | (Ref) |  | 1.0 | (Ref) |
|  Yes | 11 | 14,026 | 0.46 | (0.22-0.98) |  | 0.48 | (0.22-1.03) |
|  |  | *P-interaction* | 0.30 |  | 0.34 |
| **Had Health Insurance ‡** |
|  | No | 49 | 70,844 | 1.0 | (Ref) |  | 1.0 | (Ref) |
| Yes | 34 | 39,281 | 0.62 | (0.39-1.00) |  | 0.63 | (0.39-1.02) |
| **Had Private Health Insurance and/or Medicare ‡** |
|  | No | 32 | 56,892 | 1.0 | (Ref) |  | 1.0 | (Ref) |
|  Yes | 28 | 33,205 | 0.64 | (0.37-1.09) |  | 0.62 | (0.35-1.07) |
|  |  |  |  |  |
| \* Adjusted for age, and joint categories of race and field center.† Adjusted for age, joint categories of race and field center, height, updated BMI, updated cigarette smoking status, updated diabetes status, updated aspirin use, and education level.‡ 91% had health insurance and 74% had private health insurance and/or Medicare. |