Table S1. Uncorrected hazard ratiosa of incident cancer by cholesterol in quintiles (compared to the lowest quintile) and per unit increment in men

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | Quintile | | | | | | | | | | | |  |  | |
| Site (ICD-7 code) |  | 2 | |  | 3 | |  | 4 | |  | 5 | |  |  | per 1 unit (mmol/l) | |
|  | n cases | HR | 95% CI | | HR | 95% CI | | HR | 95% CI | | HR | 95% CI | | *P* trend | HR | 95% CI |
|  |  |  |  | |  |  | |  |  | |  |  | |  |  |  |
| Total cancer | 23,142 | 0.97 | 0.93, 1.01 | | 0.96 | 0.92, 1.00 | | 0.96 | 0.92, 1.00 | | 0.96 | 0.92, 1.00 | | 0.11 | 0.99 | 0.98,1.00 |
| Lip, oral cavity, pharynx (140-149) | 588 | 1.03 | 0.78, 1.36 | | 0.95 | 0.72, 1.26 | | 0.94 | 0.71, 1.24 | | 1.23 | 0.94, 1.61 | | 0.18 | 1.04 | 0.97, 1.12 |
| Oesophagus (150) | 248 | 0.96 | 0.62, 1.49 | | 0.89 | 0.57, 1.37 | | 0.86 | 0.56, 1.32 | | 1.08 | 0.72, 1.62 | | 0.79 | 1.00 | 0.89, 1.11 |
| Stomach (151) | 858 | 0.90 | 0.72, 1.13 | | 0.85 | 0.68, 1.07 | | 0.95 | 0.76, 1.18 | | 0.80 | 0.64, 1.01 | | 0.14 | 0.95 | 0.89, 1.01 |
| Colon (153) | 1,806 | 0.96 | 0.81, 1.13 | | 1.12 | 0.95, 1.31 | | 1.12 | 0.95, 1.31 | | 1.11 | 0.95, 1.30 | | 0.04 | 1.03 | 0.99, 1.08 |
| Rectum, anus (154) | 1,158 | 1.08 | 0.88, 1.31 | | 0.98 | 0.81, 1.20 | | 0.97 | 0.80, 1.19 | | 1.06 | 0.87, 1.29 | | 0.92 | 1.00 | 0.95, 1.06 |
| Liver, intrahepatic bile ducts (155.0) | 194 | 0.49 | 0.32, 0.75 | | 0.37 | 0.24, 0.58 | | 0.42 | 0.28, 0.63 | | 0.29 | 0.18, 0.45 | | <0.01 | 0.70 | 0.61, 0.80 |
| Gallbladder, biliary tract (155.1-155.3) | 98 | 1.10 | 0.54, 2.25 | | 1.21 | 0.61, 2.42 | | 1.02 | 0.50, 2.06 | | 1.16 | 0.59, 2.31 | | 0.80 | 1.06 | 0.89, 1.27 |
| Pancreas (157) | 520 | 0.74 | 0.56, 0.99 | | 0.83 | 0.63, 1.09 | | 0.74 | 0.56, 0.98 | | 0.66 | 0.50, 0.87 | | 0.01 | 0.91 | 0.84, 0.98 |
| Larynx, trachea/bronchus/lung (161,162) | 2,922 | 1.01 | 0.89, 1.15 | | 1.06 | 0.93, 1.20 | | 0.98 | 0.87, 1.11 | | 1.10 | 0.97, 1.24 | | 0.22 | 1.02 | 0.99, 1.05 |
| Prostate (177) | 6,884 | 1.00 | 0.92, 1.09 | | 1.03 | 0.95, 1.12 | | 1.00 | 0.93, 1.09 | | 1.00 | 0.92, 1.08 | | 0.86 | 1.00 | 0.98, 1.02 |
| Testis (178) | 278 | 0.87 | 0.61, 1.23 | | 1.07 | 0.75, 1.53 | | 1.21 | 0.84, 1.73 | | 0.87 | 0.57, 1.33 | | 0.77 | 0.98 | 0.88, 1.10 |
| Kidney, renal cell (180.0-180.9) | 691 | 1.16 | 0.90, 1.50 | | 0.99 | 0.76, 1.29 | | 1.14 | 0.89, 1.47 | | 1.03 | 0.80, 1.34 | | 0.94 | 1.00 | 0.94, 1.07 |
| Bladder (181) | 1,573 | 1.16 | 0.98, 1.38 | | 0.93 | 0.78, 1.11 | | 1.02 | 0.86, 1.21 | | 1.07 | 0.90, 1.26 | | 0.96 | 1.01 | 0.96, 1.05 |
| Melanoma of skin (190) | 1,074 | 0.91 | 0.76, 1.10 | | 0.85 | 0.70, 1.03 | | 0.84 | 0.69, 1.02 | | 0.88 | 0.73, 1.07 | | 0.15 | 0.96 | 0.90, 1.01 |
| Non-melanoma of skin (191) | 782 | 0.85 | 0.67, 1.07 | | 0.80 | 0.63, 1.01 | | 0.86 | 0.69, 1.08 | | 0.77 | 0.61, 0.97 | | 0.07 | 0.94 | 0.88, 1.00 |
| Brain, nervous tissue (193) | 427 | 0.94 | 0.69, 1.28 | | 0.98 | 0.72, 1.33 | | 0.88 | 0.64, 1.20 | | 0.91 | 0.67, 1.25 | | 0.48 | 0.99 | 0.91, 1.08 |
| Thyroid gland (194) | 128 | 1.02 | 0.59, 1.75 | | 0.85 | 0.48, 1.50 | | 1.01 | 0.58, 1.75 | | 0.75 | 0.41, 1.36 | | 0.40 | 0.96 | 0.82, 1.13 |
| Lymph/hematopoietic tissue (200-209) | 1,790 | 0.84 | 0.72, 0.98 | | 0.83 | 0.72, 0.97 | | 0.90 | 0.78, 1.04 | | 0.78 | 0.67, 0.91 | | 0.02 | 0.94 | 0.90, 0.98 |
| Other cancer | 1,123 | 0.96 | 0.79, 1.16 | | 0.89 | 0.73, 1.08 | | 0.90 | 0.74, 1.09 | | 0.92 | 0.76, 1.11 | | 0.31 | 0.98 | 0.93, 1.03 |

Abbreviations: CI, confidence interval; HR, hazard ratio; ICD-7, International Classification of Diseases, seventh revision

a HRs estimated from Cox proportional hazard regression models with age as the time scale, stratified by cohort, fasting status, and birth year categories, adjusted for baseline age, body mass index categories, and smoking status