Table S4. Uncorrected hazard ratiosa of incident cancer by cholesterol in quintiles (compared to the lowest quintile) and per unit increment in women, including measurements before 1994

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | 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 | 10,010 | 0.96 | 0.91, 1.02 | | 0.95 | 0.90, 1.01 | | 0.96 | 0.91, 1.01 | | 0.90 | 0.86, 0.96 | | 0.02 | 0.98 | 0.96, 0.99 |
| Lip, oral cavity, pharynx (140-149) | 132 | 0.76 | 0.39, 1.48 | | 0.74 | 0.39, 1.42 | | 0.57 | 0.29, 1.12 | | 0.85 | 0.46, 1.58 | | 0.61 | 1.06 | 0.90, 1.24 |
| Oesophagus (150) | 29 | 3.84 | 0.47, 33.00 | | 4.96 | 0.60, 40.78 | | 6.80 | 0.85, 53.67 | | 1.83 | 0.18, 18.12 | | 0.64 | 1.02 | 0.73, 1.42 |
| Stomach (151) | 303 | 0.88 | 0.55, 1.41 | | 0.63 | 0.39, 1.04 | | 1.01 | 0.65, 1.57 | | 0.83 | 0.53, 1.29 | | 0.78 | 0.97 | 0.87, 1.09 |
| Colon (153) | 837 | 1.05 | 0.78, 1.42 | | 1.16 | 0.87, 1.54 | | 1.20 | 0.90, 1.58 | | 1.20 | 0.90, 1.58 | | 0.15 | 1.05 | 0.99, 1.12 |
| Rectum, anus (154) | 425 | 0.92 | 0.61, 1.38 | | 1.26 | 0.86, 1.82 | | 1.09 | 0.75, 1.59 | | 1.15 | 0.79, 1.67 | | 0.33 | 1.05 | 0.96, 1.14 |
| Liver, intrahepatic bile ducts (155.0) | 49 | 2.60 | 0.73, 9.28 | | 0.95 | 0.23, 3.85 | | 0.74 | 0.18, 3.04 | | 1.27 | 0.35, 4.62 | | 0.36 | 0.82 | 0.62, 1.09 |
| Gallbladder, biliary tract (155.1-155.3) | 86 | 1.05 | 0.49, 2.26 | | 0.50 | 0.21, 1.16 | | 0.59 | 0.27, 1.29 | | 0.28 | 0.12, 0.66 | | <0.01 | 0.70 | 0.56, 0.88 |
| Pancreas (157) | 240 | 0.78 | 0.47, 1.31 | | 0.77 | 0.47, 1.27 | | 0.87 | 0.54, 1.40 | | 0.89 | 0.55, 1.42 | | 0.98 | 0.99 | 0.87, 1.11 |
| Larynx, trachea/bronchus/lung (161,162) | 647 | 0.82 | 0.60, 1.12 | | 1.00 | 0.74, 1.34 | | 0.96 | 0.72, 1.28 | | 1.17 | 0.89, 1.55 | | 0.07 | 1.05 | 0.98, 1.12 |
| Breast (170) | 3,073 | 0.88 | 0.77, 1.01 | | 0.87 | 0.76, 1.00 | | 0.90 | 0.78, 1.03 | | 0.77 | 0.67, 0.89 | | <0.01 | 0.94 | 0.90, 0.97 |
| Cervix (171) | 297 | 0.96 | 0.61, 1.52 | | 0.86 | 0.54, 1.36 | | 1.01 | 0.65, 1.59 | | 0.86 | 0.54, 1.37 | | 0.66 | 0.97 | 0.86, 1.10 |
| Other parts of uterus (172,174) | 746 | 0.83 | 0.63, 1.08 | | 0.76 | 0.59, 0.99 | | 0.71 | 0.55, 0.93 | | 0.75 | 0.58, 0.97 | | 0.03 | 0.93 | 0.87, 1.00 |
| Ovary (175.0) | 478 | 1.17 | 0.81, 1.68 | | 1.29 | 0.91, 1.84 | | 1.23 | 0.86, 1.75 | | 1.09 | 0.76, 1.57 | | 0.79 | 1.01 | 0.93, 1.10 |
| Kidney, renal cell (180.0-180.9) | 217 | 0.93 | 0.51, 1.70 | | 1.34 | 0.77, 2.32 | | 0.99 | 0.56, 1.74 | | 1.25 | 0.72, 2.15 | | 0.41 | 1.07 | 0.95, 1.21 |
| Bladder (181) | 222 | 0.67 | 0.41, 1.10 | | 0.74 | 0.46, 1.19 | | 0.73 | 0.46, 1.17 | | 0.65 | 0.40, 1.04 | | 0.18 | 0.86 | 0.75, 0.98 |
| Melanoma of skin (190) | 411 | 0.87 | 0.60, 1.25 | | 0.76 | 0.52, 1.10 | | 0.81 | 0.56, 1.16 | | 0.62 | 0.42, 0.91 | | 0.02 | 0.88 | 0.79, 0.98 |
| Non-melanoma of skin (191) | 267 | 1.38 | 0.76, 2.49 | | 1.07 | 0.58, 1.95 | | 1.48 | 0.84, 2.63 | | 1.63 | 0.93, 2.85 | | 0.07 | 1.14 | 1.02, 1.28 |
| Brain, nervous tissue (193) | 150 | 0.71 | 0.37, 1.38 | | 0.76 | 0.40,1.42 | | 1.32 | 0.36,2.34 | | 0.68 | 0.36,1.28 | | 0.91 | 0.98 | 0.83, 1.14 |
| Thyroid gland (194) | 151 | 0.94 | 0.50, 1.77 | | 0.88 | 0.45, 1.61 | | 0.83 | 0.44, 1.56 | | 0.71 | 0.37, 1.35 | | 0.26 | 0.92 | 0.78, 1.16 |
| Lymph/hematopoietic tissue (200-209) | 708 | 0.84 | 0.62, 1.12 | | 0.86 | 0.65, 1.14 | | 0.87 | 0.66, 1.15 | | 0.84 | 0.64, 1.11 | | 0.42 | 0.94 | 0.87, 1.01 |
| Other cancer | 542 | 1.08 | 0.77, 1.52 | | 1.06 | 0.76, 1.48 | | 1.06 | 0.76, 1.48 | | 1.01 | 0.73, 1.41 | | 0.91 | 1.03 | 0.95, 1.12 |

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 only including measurements until 1994