**Manuscript ID EPI-18-0421R2: “Total Serum Cholesterol and Pancreatic Cancer: A Nested Case-Control Study”**

**SUPPLEMENTARY DATA**

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| **Supplementary Table S1. ORs for pancreatic cancer risk associated with TSC levels.** |
|  | **Cases** | **Controls** | **Adjusted ORb (95% CI)** |
| **Total serum cholesterola** |   |   |   |
|  <4 mmol/L | 112 (9.0) | 152 (5.1) | Reference |
|  4-5 mmol/L | 350 (28.2) | 667 (22.2) | 0.85 (0.59-1.21) |
|  5-6 mmol/L | 449 (36.2) | 1168 (38.8) | 0.67 (0.47-0.95) |
|  6-7 mmol/L | 234 (18.9) | 748 (24.9) | 0.64 (0.44-0.94) |
|  >7 mmol/L | 96 (7.7) | 272 (9.1) | 0.68 (0.44-1.06) |
|  Continuousc | 1241 (29.2) | 3007 (70.8) | 0.92 (0.85-1.00) |
| OR, odds ratio; CI, confidence interval; TSC, total serum cholesterol. |
| a Last TSC value measured in each specified time period prior to the index date of pancreatic cancer diagnosis.  |
| b Adjusted for obesity (BMI ≥ 30 kg/m2), ever smoking, alcohol consumption, diabetes mellitus, and aspirin use. |
| c Per 1 unit (mmol/L) increase in TSC. 1 mmol/L = 38.6 mg/dL. |  |

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| **Supplementary Table S2. ORs for pancreatic cancer risk associated with TSC levels among non-diabetics.** |
|  | **Cases** | **Controls** | **Adjusted ORb (95% CI)** |
| **Total serum cholesterola** |   |   |   |
|  <4 mmol/L | 61 (6.1) | 105 (4.3) | Reference |
|  4-5 mmol/L | 265 (26.6) | 512 (20.8) | 0.84 (0.55-1.28) |
|  5-6 mmol/L | 378 (37.9) | 983 (39.9) | 0.64 (0.42-0.97) |
|  6-7 mmol/L | 213 (21.3) | 634 (25.7) | 0.63 (0.40-0.98) |
|  >7 mmol/L | 81 (8.1) | 233 (9.4) | 0.59 (0.36-0.99) |
|  Continuousc | 998 (28.8) | 2,467 (71.2) | 0.91 (0.83-0.99) |
| OR, odds ratio; CI, confidence interval; TSC, total serum cholesterol |
| a Last TSC value measured in each specified time period prior to the index date of pancreatic cancer diagnosis.  |
| b Adjusted for obesity (BMI ≥ 30 kg/m2), ever smoking, alcohol consumption, diabetes mellitus, and aspirin use. |
| c Per 1 unit (mmol/L) increase in TSC. 1 mmol/L = 38.6 mg/dL. |