**Table S3.** Association between pancreatic cancer risk and smoking, personal history of diabetes, family history of pancreatic cancer, alcohol use, body mass index, and known genetic markers stratified by study design (case-control vs cohort)

|  |  |
| --- | --- |
|  | **Multivariate Odds Ratio (95% CI)** |
| **Characteristic** | **Case-Control\*** | **Cohort\***  |
|  |  |  |
| **Cigarette smoking**  Never Former Current | 1.001.29 (1.12,1.50)2.46 (1.96, 3.08) | 1.001.07 (0.88,1.30)1.83 (1.38, 2.43) |
|  |  |  |
| **Diabetes mellitus** Never>3 years duration Unknown  | 1.001.77 (1.37,2.28)1.10 (0.75, 1.36) | 1.001.61(1.16,2.26)1.91 (1.37, 2.26) |
| **Family history of pancreatic cancer** No Yes | 1.001.55(1.16,2.15) | 1.001.83 (1.03, 3.25) |
| **Heavy alcohol use (> 3 drinks per day)** No Yes | 1.001.56(1.22, 2.00) | 1.001.31 (0.96, 1.80) |
| **Body mass index** <18.5 18.5-25 25-30 >30 | 1.13(0.57, 2.27)1.001.01(0.86, 1.19)1.39(1.14, 1.70) | 0.72 (0.32, 1.60)1.001.18(1.00, 1.40)1.11(0.90, 1.37) |
| **ABO genotype** OO AO AA BO BB AB | 1.001.18(1.03, 1.36)1.32(1.04, 1.68)1.30 (1.05, 1.60)1.10(0.57, 2.14)1.50 (1.10, 2.05) | 1.001.32(1.11, 1.58)1.79(1.34, 2.38)1.46(1.13, 1.88)2.52(1.18, 5.39)1.47(1.05, 2.05) |
| **1q32 rs3790844 (per risk allele)** | 1.22(1.08-1.34) | 1.34(1.21,1.49) |
| **5p15 rs401681 (per risk allele)** | 1.06( 0.96-1.18) |  1.26(1.15,1.37) |
| **13q22 rs9543325 (per risk allele)** | 1.24 (1.11–1.39) | 1.28 (1.17, 1.40) |