**Supplementary table S4.** **Association between ever obese and categories of obesity duration (vs never obese) and dichotomous cardiometabolic outcomes (imputed, adjusted for sex, cohort,age at follow-up, ethnicity, birth weight and childhood social class)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Hypertensiona** **(n=20746)***(ref=normotensive)* | **Low HDL-cholesterolb**  **(n=20746)***(ref=non-low)* | **Elevated HbA1cc** **(n=20746)***(ref=non-elevated)* |
|  | No  | Yes  | RR (95% CI) | No | Yes  | RR (95% CI) | No | Yes  | RR (95% CI) |
|  | *Model 1* |
| Obese |  |  |  |
| *Never (ref)* | 12675 | 5166 | - | 15378 | 2463 | - | 15609 | 2232 | - |
| Yes  | 1569 | 1336 | 1.9 (1.7, 1.9) | 1877 | 1028 | 2.3 (2.2, 2.5) | 1954 | 951 | 2.8 (2.6, 3.0) |
|  | *Model 2* |
| Obesity duration |  |  |  |  |  |  |
| *Never (ref)* | 12675 | 5166 | - | 15378 | 2463 | - | 15609 | 2232 | - |
| <5 years | 440 | 317 | 1.5 (1.4, 1.7) | 537 | 220 | 2.0 (1.8, 2.3) | 569 | 188 | 2.1 (1.8, 2.4) |
| 5-<10 years | 466 | 376 | 1.8 (1.7, 1.9) | 562 | 280 | 2.1 (1.9, 2.4) | 594 | 248 | 2.5 (2.2, 2.9) |
| 10-<15 years | 339 | 304 | 1.9 (1.7, 2.1) | 412 | 231 | 2.3 (2.0, 2.6) | 428 | 215 | 2.9 (2.5, 3.3) |
| 15-<20 years | 229 | 220 | 2.1 (1.9, 2.4) | 255 | 194 | 2.8 (2.5, 3.2) | 259 | 190 | 4.0 (3.5, 4.6) |
| 20-<30 years | 95 | 119 | 2.5 (2.2, 2.9) | 111 | 103 | 3.1 (2.7, 3.7) | 104 | 110 | 4.6 (3.9, 5.5) |
| *p(trend)* |  |  | <0.001 |  |  | <0.001 |  |  | <0.001 |

aHypertension: SBP/DBP≥140/90mmHg and/or on BP lowering medication; bLow-HDL: according to NCEP ATPIII criteria and/or on lipid-regulating medication; cElevated HbA1c: according to CDC criteria and/or on diabetes medication