|  |
| --- |
| Supplementary Table 3: Measures of adiposity and the risk of HNC in the EPIC study, excluding Oxford participants with calibrated self-reported anthropometry  |
|  |  | All participants |  | Never |  | Former |  | Current |  |
| **Men** | n cases | HR (95% CI) a | n cases | HR (95% CI) b | n cases | HR (95% CI) b | n cases | HR (95% CI) b | *p* for interaction by smoking status |
|  |  |  |  |  |  |  |  |
| BMI  |  |
| <22.5 kg/m2 | 90 | 1.68 (1.27 – 2.21) | 6 | 1.45 (0.53 – 4.00) | 13 | 1.58 (0.81 – 3.07) | 71 | 1.68 (1.22 – 2.32) | 0.88 |
| 22.5-24.9 kg/m2 | 125 | 1.0 (ref) | 11 | 1.0 (ref) | 28 | 1.0 (ref) | 86 | 1.0 (ref) |  |
| 25-29.9 kg/m2 | 264 | 0.93 (0.75 – 1.15) | 24 | 1.16 (0.56 – 2.41) | 84 | 1.06 (0.69 – 1.64) | 156 | 0.86 (0.65 – 1.13) |  |
| >30 kg/m2 | 91 | 0.90 (0.68 – 1.19) | 8 | 1.22 (0.47 – 3.14) | 31 | 1.15 (0.68 – 1.96) | 52 | 0.78 (0.54 – 1.12) |  |
|   |  |  |  |  |  |  |  |  |  |
| WC (per 5 cm)  | 570 | 0.98 (0.94 – 1.02) | 49 | 0.95 (0.81 – 1.10) | 156 | 1.05 (0.97-1.14) | 365 | 0.96 (0.91 – 1.01) | 0.30 |
| + adjusted for BMI |  | 1.18 (1.08 – 1.28) |  | 0.77 (0.58 – 1.03) |  | 1.21 (1.03 – 1.42) |  | 1.23 (1.11 – 1.37) |  |
|  |  |  |  |  |  |  |  |  |  |
| WHR (per 0.1 unit)  | 570 | 1.15 (0.99 – 1.32) | 49 | 0.95 (0.58 – 1.56) | 156 | 1.22 (0.94 – 1.60) | 365 | 1.15 (0.97 – 1.37) | 0.67 |
| + adjusted for BMI |  | 1.43 (1.23 – 1.67) |  | 0.89 (0.49 – 1.60) |  | 1.32 (0.98 – 1.78) |  | 1.58 (1.31 – 1.90) |  |
|  |  |  |  |  |  |  |  |  |  |
| **Women** |  |  |  |  |  |  |  |  |  |
| BMI  |  |  |  |  |  |  |  |  |  |
| <22.5 kg/m2 | 58 | 1.58 (1.06 – 2.36) | 11 | 1.34 (0.58 – 3.12) | 9 | 0.82 (0.35 – 1.93) | 38 | 2.29 (1.30 – 4.04) | 0.20 |
| 22.5-24.9 kg/m2 | 44 | 1.0 (ref) | 11 | 1.0 (ref) | 14 | 1.0 (ref) | 19 | 1.0 (ref) |  |
| 25-29.9 kg/m2 | 82 | 1.38 (0.95 – 2.01) | 30 | 1.56 (0.78 – 3.15) | 18 | 0.86 (0.42 – 1.77) | 34 | 1.74 (0.99 – 3.08) |  |
| >30 kg/m2 | 39 | 1.50 (0.96 – 2.35) | 22 | 2.25 (1.06 -4.77) | 7 | 0.83 (0.33 – 2.12) | 10 | 1.28 (0.58 – 2.83) |  |
|  |  |  |  |  |  |  |  |  |  |
| WC (per 5 cm)  | 223 | 1.08 (1.02 – 1.15) | 74 | 1.12 (1.01 – 1.25) | 48 | 1.01 (0.87 – 1.16) | 101 | 1.09 (0.99 – 1.19) | 0.39 |
| + adjusted for BMI |  | 1.37 (1.22 – 1.54) |  | 1.17 (0.96 – 1.43) |  | 1.07 (0.82 – 1.39) |  | 1.78 (1.50 – 2.11) |  |
|  |  |  |  |  |  |  |  |  |  |
| WHR (per 0.1 unit)  | 223 | 1.64 (1.38 – 1.95) | 74 | 1.26 (0.89 – 1.79) | 48 | 1.02 (0.64 – 1.63) | 101 | 2.09 (1.69 – 2.60) | 0.003 |
| + adjusted for BMI |  | 1.78 (1.49 – 2.12) |  | 1.15 (0.79 – 1.70) |  | 1.06 (0.64 – 1.77) |  | 2.51 (2.00 – 3.15) |  |
| a Cox regression models stratified by age, sex, centre and smoking status, adjusted for education and alcohol intakeb Cox regression models stratified by age, sex, centre, adjusted for education and alcohol intake |