|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Primary analysis | Early censoring | Restricted to those with complete BMI/smoking | Adjusted for ethnicity in complete cases |
| **Age** |  |  |  |  |
| 18-<40 |  |  |  |  |
| 40-<50 |  |  |  |  |
| 50-<60 |  |  |  |  |
| 60-<70 |  |  |  |  |
| 70-<80 |  |  |  |  |
| 80+ |  |  |  |  |
|  |  |  |  |  |
| **Sex** |  |  |  |  |
| Female |  |  |  |  |
| Male |  |  |  |  |
|  |  |  |  |  |
| **BMI** |  |  |  |  |
| Not obese |  |  |  |  |
| Obese class I (30-34.9kg/m2) |  |  |  |  |
| Obese class II (35-39.9kg/m2) |  |  |  |  |
| Obese class III (≥40 kg/m2) |  |  |  |  |
|  |  |  |  |  |
| **Smoking** |  |  |  |  |
| Never |  |  |  |  |
| Ex-smoker |  |  |  |  |
| Current |  |  |  |  |
|  |  |  |  |  |
| **Ethnicity\*** |  |  |  |  |
| White |  |  |  |  |
| Mixed |  |  |  |  |
| Asian or Asian British |  |  |  |  |
| Black |  |  |  |  |
| Other |  |  |  |  |
|  |  |  |  |  |
| **IMD quintile** |  |  |  |  |
| 1 (least deprived) |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 (most deprived) |  |  |  |  |
|  |  |  |  |  |
| **Blood pressure** |  |  |  |  |
| Normal |  |  |  |  |
| High, or diagnosed hyper-tension |  |  |  |  |
|  |  |  |  |  |
| ***Co-morbidities*** |  |  |  |  |
| **Respiratory disease ex asthma** |  |  |  |  |
|  |  |  |  |  |
| **Asthma (vs none)\*** |  |  |  |  |
| With no recent OCS use |  |  |  |  |
| With recent OCS use |  |  |  |  |
|  |  |  |  |  |
| **Chronic heart disease** |  |  |  |  |
|  |  |  |  |  |
| **Diabetes (vs none)**\*\* |  |  |  |  |
| Controlled (HbA1c<7.5%) |  |  |  |  |
| Uncontrolled (HbA1c>7.5%) |  |  |  |  |
| No recent HbA1c measure |  |  |  |  |
|  |  |  |  |  |
| **Cancer (non-haematological, vs none)** |  |  |  |  |
| Diagnosed < 1 year ago |  |  |  |  |
| Diagnosed 1-4.9 years ago |  |  |  |  |
| Diagnosed ≥5 years ago |  |  |  |  |
|  |  |  |  |  |
| **Haematological malignancy (vs none)** |  |  |  |  |
| Diagnosed < 1 year ago |  |  |  |  |
| Diagnosed 1-4.9 years ago |  |  |  |  |
| Diagnosed ≥5 years ago |  |  |  |  |
|  |  |  |  |  |
| **Liver disease** |  |  |  |  |
|  |  |  |  |  |
| **Stroke/dementia** |  |  |  |  |
|  |  |  |  |  |
| **Other neurological** |  |  |  |  |
|  |  |  |  |  |
| **Kidney disease** |  |  |  |  |
|  |  |  |  |  |
| **Organ transplant** |  |  |  |  |
|  |  |  |  |  |
| **Spleen diseases** |  |  |  |  |
|  |  |  |  |  |
| **Rheumatoid/Lupus/ Psoriasis** |  |  |  |  |
|  |  |  |  |  |
| **Other immunosuppressive condition** |  |  |  |  |

*FOOTNOTES: Ethnicity effect estimated from a model restricted to those with recorded ethnicity. Models adjusted for age using a 4-knot cubic spline age spline, except for estimation of age group effects. OCS = oral corticosteroids. \*Recent OCS use defined as in the year before baseline. \*\*HbA1c classification based on latest measure within 15 months before baseline.*