|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Subset** | **Total N**  **(Diabetes, %)** | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** |
| All | 28957  (8812,  30.4%) | **1.49\*\*\***  [1.36;1.69] | **1.5\*\*\***  [1.26;1.77] | 1.95 [1.01;3.9] | **1.45\*\*\***  [1.03;2.13] | **1.43\*\*\***  [1.26;1.64] | 1.29 [0.8;2.28] | **1.44\*\*\***  [1.24;1.75] |
| Female2 | 16488  (4830,  29.3%) | **1.63\*\*\***  [1.36;1.92] | **1.74\*\*\***  [1.34;2.29] | 3.53 [1.32;9.27] | 1.86  [1.09;3.6] | **1.54\*\*\***  [1.3;1.83] | 1.85 [0.82;4.55] | **1.66\*\*\***  [1.31;2.09] |
| Ethnic minorities | 8774  (3317,  37.8%) | **1.12\*\*\***  [0.88;1.47] | **1.1\*\*\***  [0.81;1.65] | 1.86 [0.7;4.83] | 0.72  [0.33;1.43] | **1.08\*\*\***  [0.86;1.35] | 1.24 [0.35;8.83] | **1.06\*\***  [0.7;1.6] |
| Ethnic minorities, national origin outside US, religion | 9697  (3539,  36.5%) | **1.17\*\*\***  [0.95;1.48] | **1.19\*\***  [0.84;1.76] | 2.14 [0.83;5.15] | 0.88  [0.41;1.94] | **1.11\*\*\***  [0.85;1.33] | 1.39 [0.52;6.14] | **1.13\*\*\***  [0.82;1.5] |
| BMI3  >30kg/m2 | 10926  (3866,  35.4%) | **1.62\*\*\***  [1.38;1.88] | **1.77\*\*\***  [1.36;2.42] | 1.72 [0.68;4.13] | 2.2  [1.16;4.21] | **1.55\*\*\***  [1.29;1.88] | 2.57 [1.24;6.82] | **1.69\*\*\***  [1.38;2.16] |

**Table 1. Hazard ratios (HR) and 95 % CI for T2DM onset for the cumulative effects of discrimination.**

1. Participants who had diabetes at their first wave were removed from the analysed sample, participants who only took part in one wave were also removed.

2. Sex was removed from covariates

3. BMI was removed from covariates

Model 1: age, sex, wealth (basis adjustment)

Model 2: age, sex, wealth, BMI, hypertension (basic adjustment + known diabetes risk factors)

Model 3: age, sex, wealth, physical activity, smoking (yes/no), and alcohol (days/week) (basic adjustment + health behaviours)

Model 4: age, sex, wealth, CVD (basic adjustment + CVD)

Model 5: age, sex, wealth, depression (basic adjustment + depression)

Model 6: age, sex, wealth, BMI, hypertension, CVD (basic adjustment + diabetes risk factors+ CVD)

Model 7: age, sex, wealth, BMI, hypertension, depression (basic adjustment + diabetes risk factors+ depression)

\*p<0.05, \*\* p<0.01, \*\*\*p<0.001

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **subset** | **Analysed n** | **Diabetes onset, n** | **Median**  **timepoint** | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** |
| All (ageism) | 5460 | 2024 | 2 | **2.17\***  [1.21;3.9] | **2.19\***  [1.21;5.19] | 5.55  [0.95;48.52] | 0.19  [0.04;0.5] | 2.05  [1.1;3.75] | 0.15  [0;0.39] | 2.12  [1.01;5.57] |
| Female2  (sexism) | 2349 | 633 | 2 | 1.2  [0.48;3.75] | 1.82  [1.66;4.94] | NA  [NA;NA] | NA  [NA;NA] | 1.13  [0.48;3.14] | NA  [NA;NA] | 1.84 [0.17;6.14] |
| Ethnic minorities  (racism) | 1320 | 538 | 2 | 2.33  [0.81;9.53] | 2.03  [0.34;7.12] | NA  [NA;NA] | NA  [NA;NA] | 2.33  [0.85;16.86] | NA  [NA;NA] | 2  [0.37;17.33] |
| Ethnic minorities, national origin outside US, religion  (racism or national origin, or religion) | 2694 | 1329 | 2 | **1.9\***  [1.08;3.36] | 1.37  [0.64;3.26] | NA  [NA;NA] | 0.42  [0.09;1.4] | 1.83  [0.96;3.61] | NA  [NA;NA] | 1.31  [0.63;3.08] |

1. Participants who had diabetes at their first wave were removed from the analysed sample, participants who only took part in one wave were also removed.

2. Sex was removed from covariates

Model 1: age, sex, wealth (basis adjustment)

Model 2: age, sex, wealth, BMI, hypertension (basic adjustment + known diabetes risk factors)

Model 3: age, sex, wealth, physical activity, smoking (yes/no), and alcohol (days/week) (basic adjustment + health behaviours)

Model 4: age, sex, wealth, CVD (basic adjustment + CVD)

Model 5: age, sex, wealth, depression (basic adjustment + depression)

Model 6: age, sex, wealth, BMI, hypertension, CVD (basic adjustment + diabetes risk factors+ CVD)

Model 7: age, sex, wealth, BMI, hypertension, depression (basic adjustment + diabetes risk factors+ depression)

\*p<0.05, \*\* p<0.01, \*\*\*p<0.001