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

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **subset** | **Analysed n1** | **Diabetes onset, n (%)** | **Median**  **timepoint** | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** |
| All | 19673 | 1050 (5.34%) | 2.5  IQR: [2; 4] | 1 \*\*  [0.71;1.55] | 0.95 \*  [0.54;1.46] | 0.81 \*  [0.51;1.36] | 1.4  [0.18;4.34] | 0.97 \*\*\*  [0.71;1.41] | 1.31  [0;12.85] | 0.96 \*\*  [0.56;1.34] |
| Female2 | 11501 | 582  (5.06%) | 2.5  IQR: [2; 4] | **1.6 \*** [0.95;2.49] | 1.43  [0.77;2.61] | 1.24  [0.64;2.51] | 7.21  [0.5;20.47] | 1.53  [0.87;2.52] | 0.73  [0.16;4.73] | 1.45  [0.61;2.64] |
| Race | 4821 | 313  (6.49%) | 2.5  IQR: [2; 4] | 1.11  [0.6;2.03] | 0.94  [0.22;3.03] | 0.95  [0.41;2.31] | 1.33  [0.73;6.80] | 1.06  [0.49;2.61] | 3.34  [0.58;26.46] | 0.91  [0.2;3.56] |
| Ethnic minorities, national origin outside US, religion | 5419 | 334  (6.16%) | 2.5  IQR: [2; 4] | 0.97 [0.45;1.53] | 1.1  [0.28;3.65] | 0.97  [0.36;2.76] | 1.27  [0.56;8.19] | 0.92  [0.49;1.74] | 3.11  [0.37;5.12] | 1.06  [0.36;3.68] |
| BMI2  >30kg/m2 | 8063 | 501  (6.21%) | 2  IQR: [2; 3] | **1.3 \*** [0.89;2.14] | 0.92  [0.43;1.64] | 1.62  [0.89;2.8] | 1.62  [0;2.11] | **1.31 \*\***  [0.83;1.99] | 0.58  [0;1.08] | 0.92  [0.49;1.73] |

**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**

**Table 2. Hazard ratios (HR) and 95 % CI for T2DM onset for the cumulative effects of discrimination among those who attributed it to a reason.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **subset** | **Analysed**  **n** | **Diabetes**  **Onset, n** | **Median timepoint** | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** |
| All (ageism) | 5253 | 182 | 2 | 1.97 [0.44;6.05] | 1.61 [0;14.20] | 4.65 [1.07;13.64] | NA [NA;NA] | 2.03 [0.44;6.49] | NA [NA;NA] | 1.67 [0;3.46] |
| Female2  (sexism) | 2139 | 76 | 2 | 2.56 [1.34;4.75] | NA [NA;NA] | 60.42 [17.59;435.04] | NA [NA;NA] | 2.51 [087;12.59] | NA  NA | NA [NA;NA] |
| Race  (racism) | 1153 | 62 | 2 | NA [NA;NA] | NA [NA;NA] | NA [NA;NA] | NA [NA;NA] | NA  [NA;NA] | NA  NA | NA [NA;NA] |
| Ethnic minorities, national origin outside US, religion  Racism or, national origin, or religion) | 2359 | 145 | 2 | 0.98 [0.13;6.76] | 1.15 [0;4.85] | 0.58  [0;1.13] | NA [NA;NA] | 0.93 [0.15;3.49] | NA NA | 1.09 [0;11.99] |
| BMI2  >30kg/m2  (weight) |  |  | NA | NA | NA | NA | NA | NA | NA | NA |

**Table 3. Hazard ratios (HR) and 95 % CI for T2DM onset for the cumulative effects of discrimination attributed to a particular reason.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Analysed n** | **Diabetes onset, n (%)** | **Median timepoints** | **Model 1** | **Model 2** | **Model 3** | **Model 4** | **Model 5** | **Model 6** | **Model 7** |
| **All**  **(exposure: ageism)** | 19673 | 1050 (5.34%) | 2.5 | 0.47 [0.22;0.86] | 0.31 [0.08;0.83] | 0.18  [0;0.45] | 0  [0;0] | 0.48 [0.15;0.95] | 0  [0;0] | 0.31 [0.04;0.67] |
| **Female2**  **(exposure: sexism)** | 11501 | 582  (5.06%) | 2 | 0.76  [0.31;1.7] | 1.36 [0.45;3.66] | 0.69  [0.2;1.91] | 0  [0;0] | 0.78 [0.27;1.64] | 0  [0;0] | 1.37 [0.35;3.78] |
| **Race**  **(exposure: racism)** | 4821 | 313  (6.49%) | 2 | 0.3  [0;1.14] | 0  [0;0] | 0  [0;0] | 0  [0;0] | 0.3  [0;1.44] | 0  [0;15.51] | 0  [0;0] |
| **Ethnic minorities, national origin outside US, religion**  **(exposure: racism)** | 5419 | 334  (6.16%) | 2 | 0.36  [0;1.4] | 0  [0;0] | 0  [0;0] | 0  [0;0] | 0.37  [0;1.16] | 0  [0;0.83] | 0  [0;0] |