Supplementary Table 2. Dementia incidence per 1,000 person years by age group and sex, including incidence rate ratio (IRR) comparison of Females vs. Males within age-groups.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Age Group** | **Sex** | **Number of incident dementia cases** | **Total person years** | **Incidence per 1,000 person years (95% CI)** | **IRR (95% CI) - Female vs. Male** | **p-value for IRR** |
| *45-49* | *Female* | 31 | 216681 | 0.14 (0.1 ,0.2) | 0.54 (0.33, 0.87) | 0.0109 |
|  | *Male* | 37 | 139097 | 0.27 (0.19 ,0.37) |  |  |
| *50-54* | *Female* | 84 | 256059 | 0.33 (0.26 ,0.41) | 0.62 (0.46, 0.83) | 0.0014 |
|  | *Male* | 95 | 179741 | 0.53 (0.43 ,0.65) |  |  |
| *55-59* | *Female* | 145 | 256795 | 0.56 (0.48 ,0.66) | 0.65 (0.52, 0.80) | <0.0001 |
|  | *Male* | 176 | 201240 | 0.87 (0.75 ,1.01) |  |  |
| *60-64* | *Female* | 324 | 213128 | 1.52 (1.36 ,1.7) | 0.75 (0.65, 0.88) | 0.0002 |
|  | *Male* | 374 | 185625 | 2.01 (1.82 ,2.23) |  |  |
| *65-69* | *Female* | 707 | 164430 | 4.3 (3.99 ,4.63) | 0.87 (0.78, 0.96) | 0.0052 |
|  | *Male* | 790 | 158982 | 4.97 (4.64 ,5.33) |  |  |
| *70-74* | *Female* | 1027 | 108051 | 9.5 (8.94 ,10.1) | 0.85 (0.78, 0.92) | 0.0001 |
|  | *Male* | 1256 | 112365 | 11.18 (10.58 ,11.81) |  |  |
| *75-79* | *Female* | 1369 | 69234 | 19.77 (18.76 ,20.84) | 0.92 (0.86, 0.99) | 0.0283 |
|  | *Male* | 1653 | 77157 | 21.42 (20.43 ,22.47) |  |  |
| *80-84* | *Female* | 2245 | 62113 | 36.14 (34.71 ,37.64) | 1.02 (0.96, 1.08) | 0.5827 |
|  | *Male* | 2428 | 68266 | 35.57 (34.2 ,36.98) |  |  |
| *85-89* | *Female* | 1089 | 19912 | 54.69 (51.62 ,57.94) | 0.97 (0.88, 1.06) | 0.4805 |
|  | *Male* | 819 | 14495 | 56.5 (52.87 ,60.39) |  |  |
| *90+* | *Female* | 356 | 4309 | 82.62 (74.8 ,91.26) | 1.13 (0.96, 1.34) | 0.1544 |
|  | *Male* | 219 | 2996 | 73.11 (64.36 ,83.05) |  |  |