**Additional file 2: Table S1**. Odds ratios for high 10-year risk of CHD and stroke among participants≥45y

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Weeklyworkinghours | 　 | 　 | 　 | Estimated 10-year CHD risk | 　 | ≥90th percentile of estimated risk of CHD | 　 | Estimated 10-year stroke risk | 　 | ≥90th percentile of estimated risk of stroke |
| n | % |  | mean | SD |  | n | % | aOR§ | 95% CI |  | mean | SD |  | n | % | aOR§ | 95% CI |
| **Male** | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 | 　 |
|  <30 | 333 | 9.1  |  | 1.96  | 1.4  |  | 88 | 26.4  | **1.52**  | **1.09**  | **2.12**  |  | 3.78  | 2.7  |   | 97 | 29.1  | **1.49**  | **1.07**  | **2.07**  |
|  30–40 | 372 | 10.1  |  | 1.76  | 1.2  |  | 70 | 18.8  | 1.01  | 0.72  | 1.42  |  | 3.31  | 2.1  |  | 85 | 22.9  | 1.20  | 0.86  | 1.66  |
|  40 | 639 | 17.4  |  | 1.63  | 1.0  |  | 115 | 18.0  | 1 | Referent |  | 3.01  | 2.3  |  | 115 | 114 | 1 | Referent |
|  40–50 | 696 | 19.0  |  | 1.66  | 1.1  |  | 130 | 18.7  | 1.02  | 0.77  | 1.35  |  | 3.13  | 2.4  |  | 130 | 18.7  | 0.98  | 0.74  | 1.30  |
|  50–60 | 677 | 18.5  |  | 1.64  | 1.1  |  | 128 | 18.9  | 1.04  | 0.78  | 1.38  |  | 3.11  | 2.1  |  | 125 | 18.5  | 0.94  | 0.70  | 1.25  |
|  60–70 | 473 | 12.9  |  | 1.63  | 1.2  |  | 85 | 18.0  | 0.96  | 0.69  | 1.32  |  | 3.09  | 2.2  |  | 92 | 19.5  | 0.98  | 0.72  | 1.35  |
|  70–80 | 289 | 7.9  |  | 1.68  | 1.0  |  | 51 | 17.7  | 0.94  | 0.65  | 1.38  |  | 3.20  | 2.0  |  | 61 | 21.1  | 1.04  | 0.72  | 1.50  |
|  ≥80 | 189 | 5.2  |  | 1.94  | 1.2  |  | 56 | 29.6  | **1.85**  | **1.25**  | **2.75**  |  | 3.60  | 2.2  |  | 45 | 23.8  | 1.23  | 0.81  | 1.87  |
|  Total | 3668 | 100.0  |  | 1.96  | 1.4  |  | 723 | 19.7  |  |  |  |  | 3.78  | 2.7  |  | 749 | 20.4  |  |  |  |
| *p* trend |  |  |  |  |  |  |  |  | 0.17 |  |  |  |  |  |  | 0.78 |
| **Female** | 　 | 　 | 　 |  |  | 　 | 　 | 　 | 　 | 　 | 　 | 　 |  |  |  | 　 | 　 | 　 | 　 | 　 |
|  <30 | 697 | 21.1  |  | 0.43  | 0.3  |  | 136 | 19.5  | 1.03  | 0.74  | 1.44  |  | 2.30  | 1.5  |  | 140 | 20.1  | 1.33  | 0.93  | 1.89  |
|  30–40 | 504 | 15.3  |  | 0.42  | 0.4  |  | 95 | 18.9  | 1.01  | 0.71  | 1.45  |  | 2.24  | 1.4  |  | 96 | 19.1  | 1.28  | 0.88  | 1.86  |
|  40 | 403 | 12.2  |  | 0.36  | 0.3  |  | 65 | 16.1  | 1 | Referent |  | 3.01  | 2.3  |  | 53 | 53 | 1 | Referent |
|  40–50 | 522 | 15.8  |  | 0.39  | 0.3  |  | 88 | 16.9  | 0.94  | 0.66  | 1.36  |  | 2.17  | 1.5  |  | 84 | 16.1  | 1.12  | 0.76  | 1.64  |
|  50–60 | 440 | 13.3  |  | 0.41  | 0.4  |  | 80 | 18.2  | 0.92  | 0.63  | 1.34  |  | 2.32  | 1.6  |  | 91 | 20.7  | 1.35  | 0.92  | 1.99  |
|  60–70 | 310 | 9.4  |  | 0.40  | 0.3  |  | 61 | 19.7  | 0.95  | 0.64  | 1.43  |  | 2.26  | 1.4  |  | 60 | 19.4  | 1.16  | 0.76  | 1.77  |
|  70–80 | 253 | 7.7  |  | 0.43  | 0.3  |  | 58 | 22.9  | 1.11  | 0.73  | 1.69  |  | 2.31  | 1.4  |  | 54 | 21.3  | 1.25  | 0.80  | 1.94  |
|  ≥80 | 171 | 5.2  |  | 0.49  | 0.5  |  | 38 | 22.2  | 1.12  | 0.69  | 1.82  |  | 2.46  | 1.6  |  | 43 | 25.2  | **1.65**  | **1.01**  | **2.67**  |
|  Total | 3300 | 100.0  |  | 0.43  | 0.3  |  | 621 | 18.8  |  |  |  |  | 2.30  | 1.5  |  | 621 | 18.8  |  |  |  |
| *p* trend | 　 | 　 | 　 |  |  | 　 | 　 | 　 | 　0.51 | 　 |  |  | 　 | 　 | 　 | 0.15 |
| §adjusted for household income, employment condition, occupation, work shift, and weekly working hours\**p* for trend was tested after excluding participants with <40 weekly working hoursCHD, Coronary Heart Disease |
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