

**Supplementary Table 1.** Risk for cardiovascular disease and mortality in subgroup analyses

| Variable               | Stroke           |                  |                          | Myocardial infarction |                  |                          | Death            |                  |                          |
|------------------------|------------------|------------------|--------------------------|-----------------------|------------------|--------------------------|------------------|------------------|--------------------------|
|                        | TD               | PD               | <i>P</i> for interaction | TD                    | PD               | <i>P</i> for interaction | TD               | PD               | <i>P</i> for interaction |
| Age, yr                |                  |                  | 0.0031                   |                       |                  | 0.2638                   |                  |                  | <0.0001                  |
| 30–49                  | 1.18 (0.94–1.48) | 1.93 (1.44–2.61) |                          | 1.37 (1.10–1.70)      | 1.54 (1.09–2.16) |                          | 1.94 (1.69–2.24) | 3.11 (2.58–3.75) |                          |
| 50–59                  | 1.11 (0.99–1.26) | 1.61 (1.39–1.88) |                          | 1.38 (1.22–1.56)      | 1.41 (1.17–1.70) |                          | 1.27 (1.16–1.40) | 2.08 (1.87–2.33) |                          |
| 60–69                  | 1.17 (1.08–1.26) | 1.50 (1.36–1.64) |                          | 1.17 (1.06–1.29)      | 1.42 (1.25–1.61) |                          | 1.12 (1.05–1.19) | 1.50 (1.39–1.61) |                          |
| 70–79                  | 1.13 (1.06–1.21) | 1.36 (1.25–1.48) |                          | 1.19 (1.08–1.30)      | 1.90 (1.15–1.45) |                          | 1.10 (1.05–1.16) | 1.32 (1.25–1.40) |                          |
| ≥80                    | 1.11 (0.94–1.29) | 1.19 (0.98–1.45) |                          | 1.10 (0.89–1.36)      | 1.11 (0.85–1.44) |                          | 1.11 (1.03–1.20) | 1.33 (1.21–1.46) |                          |
| Sex                    |                  |                  | 0.4412                   |                       |                  | 0.5713                   |                  |                  | <0.0001                  |
| Male                   | 1.17 (1.10–1.25) | 1.44 (1.32–1.57) |                          | 1.28 (1.18–1.39)      | 1.36 (1.21–1.53) |                          | 1.22 (1.17–1.27) | 1.59 (1.51–1.67) |                          |
| Female                 | 1.16 (1.10–1.24) | 1.52 (1.42–1.63) |                          | 1.20 (1.12–1.30)      | 1.39 (1.26–1.52) |                          | 1.17 (1.12–1.23) | 1.51 (1.43–1.60) |                          |
| BMI, kg/m <sup>2</sup> |                  |                  | 0.2593                   |                       |                  | 0.3088                   |                  |                  | 0.6339                   |
| ≥25                    | 1.19 (1.11–1.28) | 1.55 (1.43–1.69) |                          | 1.22 (1.12–1.33)      | 1.47 (1.32–1.64) |                          | 1.24 (1.17–1.31) | 1.61 (1.51–1.72) |                          |
| <25                    | 1.20 (1.13–1.27) | 1.51 (1.40–1.62) |                          | 1.26 (1.17–1.35)      | 1.32 (1.19–1.45) |                          | 1.25 (1.21–1.30) | 1.65 (1.57–1.72) |                          |
| Use of insulin         |                  |                  | 0.2775                   |                       |                  | 0.3494                   |                  |                  | 0.017                    |
| No                     | 1.22 (1.16–1.29) | 1.53 (1.43–1.63) |                          | 1.27 (1.19–1.35)      | 1.40 (1.29–1.52) |                          | 1.29 (1.24–1.33) | 1.69 (1.62–1.77) |                          |
| Yes                    | 1.11 (1.01–1.23) | 1.55 (1.38–1.73) |                          | 1.15 (1.02–1.30)      | 1.31 (1.13–1.52) |                          | 1.18 (1.10–1.26) | 1.53 (1.42–1.65) |                          |

Values are presented as hazard ratio (95% confidence interval).

TD, transient depression; PD, persistent depression; BMI, body mass index.