**Online appendix: Sensitivity analysis comparing findings based on two alternative CHD definitions**

**A: CHD cases including only participants with confirmed myocardial infarction**

|  |  |  | No CHD | CHD |
|---|---|---|---|---|
| **All-cause mortality** |  |  |  |  |
|  | **Depressive symptoms** |  |  |  |
|  | No | HR (95% CI) | 1 (reference) | 1.74 (0.91-3.33) |
| **Model 1** |  |  |  |  |
|  | Yes | HR (95% CI) | 2.28 (1.58-3.27)‡ | 5.09 (2.35-11.02)‡ |
| **Cardiovascular mortality** |  |  |  |  |
|  | **Depressive symptoms** |  |  |  |
|  | No | HR (95% CI) | 1 (reference) | 2.50 (0.87-7.18) |
| **Model 1** |  |  |  |  |
|  | Yes | HR (95% CI) | 2.59 (1.28-5.22)† | 7.72 (2.31-25.82)‡ |

**B= CHD cases defined participants with both confirmed MI and definite angina**

|  |  |  | No CHD | CHD |
|---|---|---|---|---|
| **All-cause mortality** |  |  |  |  |
|  | **Depressive symptoms** |  |  |  |
|  | No | HR (95% CI) | 1 (reference) | 1.67 (1.05-2.66)* |
| **Model 1** |  |  |  |  |
|  | Yes | HR (95% CI) | 2.10 (1.41-3.13)‡ | 4.99 (2.89-8.62)‡ |
| **Cardiovascular mortality** |  |  |  |  |
|  | **Depressive symptoms** |  |  |  |
|  | No | HR (95% CI) | 1 (reference) | 2.29 (1.02-5.14)* |
| **Model 1** |  |  |  |  |
|  | Yes | HR (95% CI) | 2.52 (1.17-5.43)* | 6.69 (2.54-17.54)‡ |