

## Correction

van de Vorst IE, Vaartjes I, Geerlings MI, *et al.* Prognosis of patients with dementia: results from a prospective nationwide registry linkage study in the Netherlands. *BMJ Open* 2015;5:e008897. The authors of this paper note an error in the syntax that has resulted in an underestimation of five-year mortality risks. It does not change any conclusions; however, the tables representing the mortality risks show incorrect risks. Corrected tables and figures are given below. All risks mentioned in the manuscript are detailed in the Supplementary file 'Prognosis of patients with dementia\_revised version'.

**Table 2** 1- and 5-year mortality risk in patients with a first hospitalisation or day/memory clinic visit for dementia in The Netherlands between 2000 and 2010, by age and sex

| Age, years       | Women, n | Men, n | Women, % deaths | Men, % deaths | HR (95% CI) for men vs women |
|------------------|----------|--------|-----------------|---------------|------------------------------|
| 1-year mortality |          |        |                 |               |                              |
| 60–64            | 537      | 650    | 12.7            | 18.7          | 1.54 (1.14 to 2.10)          |
| 65–69            | 1032     | 1282   | 15.0            | 23.5          | 1.65 (1.35 to 2.02)          |
| 70–74            | 3034     | 2909   | 20.4            | 28.1          | 1.45 (1.30 to 1.61)          |
| 75–79            | 6651     | 5460   | 23.0            | 35.2          | 1.67 (1.56 to 1.79)          |
| 80–84            | 10317    | 6510   | 30.4            | 43.9          | 1.61 (1.53 to 1.70)          |
| 85–89            | 9639     | 4525   | 37.9            | 49.8          | 1.45 (1.38 to 1.53)          |
| 90–94            | 4203     | 1391   | 48.6            | 62.1          | 1.48 (1.36 to 1.61)          |
| 95–99            | 852      | 209    | 57.1            | 69.4          | 1.35 (1.11 to 1.63)          |
| Total            | 36265    | 22936  | 32.3            | 40.5          | 1.55 (1.51 to 1.59)          |
| 5-year mortality |          |        |                 |               |                              |
| 60–64            | 537      | 650    | 35.0            | 46.2          | 1.43 (1.16 to 1.77)          |
| 65–69            | 1032     | 1282   | 46.9            | 58.5          | 1.48 (1.30 to 1.69)          |
| 70–74            | 3034     | 2909   | 57.1            | 68.3          | 1.38 (1.28 to 1.48)          |
| 75–79            | 6651     | 5460   | 63.5            | 79.3          | 1.64 (1.56 to 1.72)          |
| 80–84            | 10317    | 6510   | 73.4            | 87.3          | 1.61 (1.54 to 1.67)          |
| 85–89            | 9639     | 4525   | 83.0            | 91.7          | 1.46 (1.40 to 1.52)          |
| 90–94            | 4203     | 1391   | 91.9            | 95.7          | 1.45 (1.35 to 1.55)          |
| 95–99            | 852      | 209    | 95.3            | 97.0          | 1.29 (1.09 to 1.52)          |
| Total            | 36265    | 22936  | 74.0            | 81.4          | 1.53 (1.50 to 1.57)          |

**Table 3** 1- and 5-year relative mortality risk in patients with a first hospitalisation or a first day/memory clinic visit for dementia in The Netherlands between 2000–2010, by age and type of admission

| Age, years       | Day clinic, n | Inpatient, n | Day clinic, % deaths | Inpatient, % deaths | HR (95% CI) inpatient vs day clinic |
|------------------|---------------|--------------|----------------------|---------------------|-------------------------------------|
| 1-year mortality |               |              |                      |                     |                                     |
| 60–64            | 541           | 646          | 3.7                  | 25.8                | 8.18 (5.03 to 13.32)                |
| 65–69            | 1013          | 1301         | 6.8                  | 29.4                | 5.18 (3.97 to 6.77)                 |
| 70–74            | 2438          | 3505         | 8.7                  | 34.6                | 4.83 (4.15 to 5.62)                 |
| 75–79            | 4438          | 7673         | 10.7                 | 38.5                | 4.46 (4.03 to 4.93)                 |
| 80–84            | 5220          | 11607        | 14.9                 | 44.6                | 3.86 (3.57 to 4.18)                 |
| 85–89            | 3756          | 10408        | 18.8                 | 49.7                | 3.50 (3.23 to 3.80)                 |
| 90–94            | 1138          | 4456         | 28.4                 | 57.8                | 2.76 (2.45 to 3.11)                 |
| 95–99            | 157           | 904          | 36.2                 | 63.4                | 2.40 (1.81 to 3.18)                 |
| Total            | 18701         | 40500        | 14.1                 | 45.0                | 3.81 (3.65 to 3.98)                 |
| 5-year mortality |               |              |                      |                     |                                     |
| 60–64            | 541           | 646          | 24.0                 | 53.5                | 3.88 (2.98 to 5.04)                 |
| 65–69            | 1013          | 1301         | 35.1                 | 65.6                | 2.98 (2.56 to 3.46)                 |
| 70–74            | 2438          | 3505         | 45.5                 | 73.1                | 2.72 (2.50 to 2.96)                 |
| 75–79            | 4438          | 7673         | 53.3                 | 79.2                | 2.58 (2.44 to 2.73)                 |
| 80–84            | 5220          | 11607        | 64.2                 | 84.4                | 2.35 (2.24 to 2.47)                 |
| 85–89            | 3756          | 10408        | 74.8                 | 89.2                | 2.13 (2.03 to 2.24)                 |
| 90–94            | 1138          | 4456         | 88.0                 | 94.0                | 1.81 (1.67 to 1.96)                 |
| 95–99            | 157           | 904          | 90.0                 | 96.6                | 1.85 (1.51 to 2.27)                 |
| Total            | 18701         | 40500        | 60.1                 | 83.7                | 2.33 (2.27 to 2.39)                 |

**Table 4** Hazard ratios for mortality in patients with a first day/memory clinic visit for dementia versus the general population stratified by age and sex

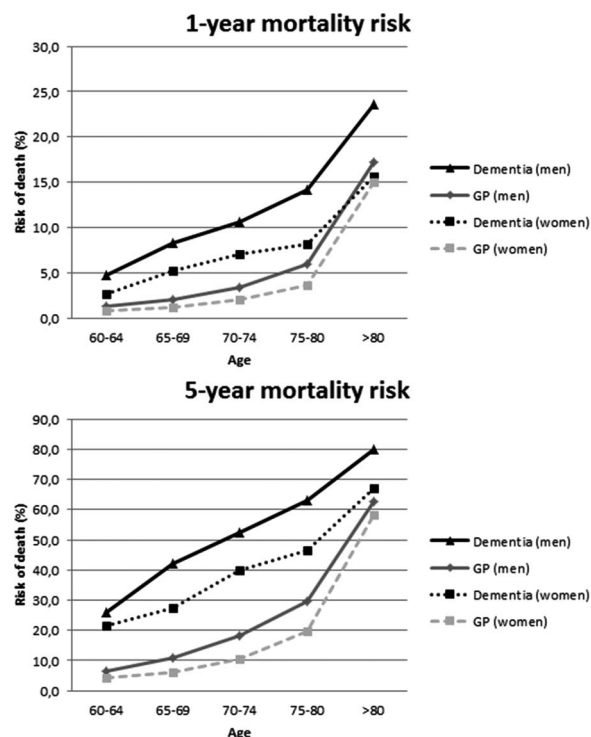
| Age, years       | Women<br>Dementia vs general population |              | Men<br>Dementia vs general population |              |
|------------------|---|--------------|---------------------------------------|--------------|
|                  | HR                                      | 95% CI       | HR                                    | 95% CI       |
| 1-year mortality |   |              |                                       |              |
| 60–64            | 3.08                                    | 1.37 to 6.94 | 3.86                                  | 2.17 to 6.87 |
| 65–69            | 4.55                                    | 2.98 to 6.96 | 4.38                                  | 3.17 to 6.05 |
| 70–74            | 3.77                                    | 3.00 to 4.74 | 3.26                                  | 2.67 to 3.97 |
| 75–79            | 2.44                                    | 2.09 to 2.84 | 2.53                                  | 2.20 to 2.91 |
| >80              | 1.05                                    | 0.99 to 1.12 | 1.42                                  | 1.32 to 1.54 |
| Total            | 1.69                                    | 1.60 to 1.79 | 2.12                                  | 2.00 to 2.26 |
| 5-year mortality |   |              |                                       |              |
| 60–64            | 5.06                                    | 3.52 to 7.29 | 3.80                                  | 2.78 to 5.23 |
| 65–69            | 4.61                                    | 3.69 to 5.76 | 4.62                                  | 3.90 to 5.48 |
| 70–74            | 4.20                                    | 3.75 to 4.70 | 3.36                                  | 3.02 to 3.73 |
| 75–79            | 2.70                                    | 2.50 to 2.91 | 2.71                                  | 2.51 to 2.92 |
| >80              | 1.16                                    | 1.12 to 1.21 | 1.53                                  | 1.46 to 1.60 |
| Total            | 1.90                                    | 1.84 to 1.96 | 2.31                                  | 2.23 to 2.40 |

CI, confidence interval.

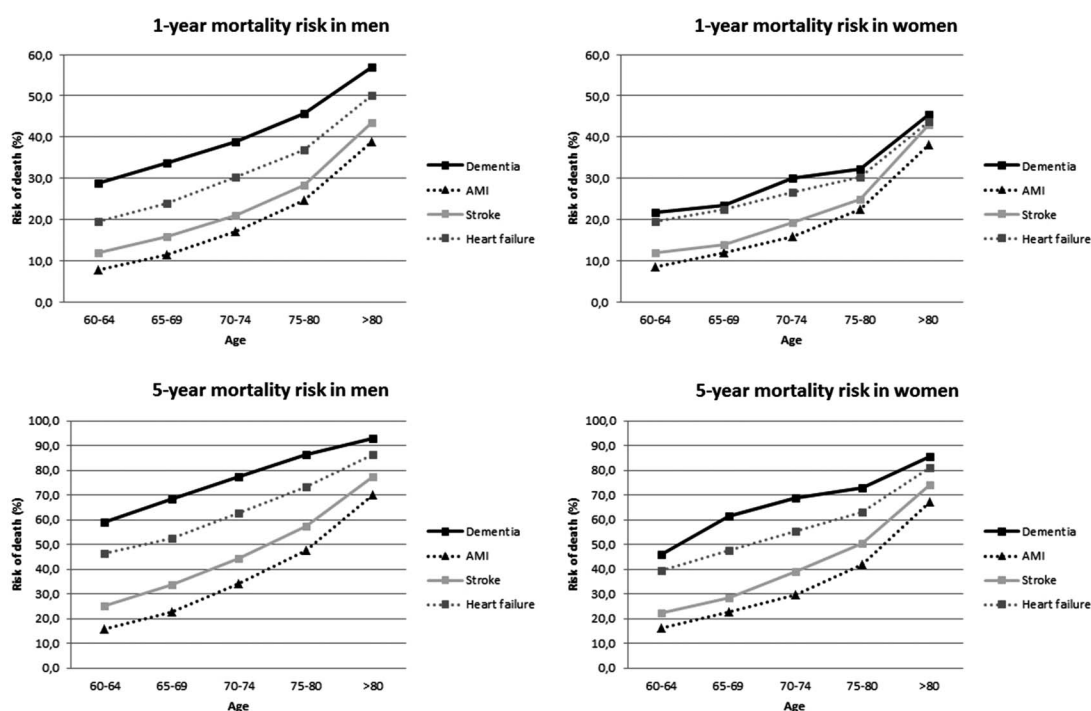
**Table 5** Hazard ratios for mortality in patients with a first hospitalisation for dementia versus mortality risks after a first hospitalisation for acute myocardial infarction, heart failure or stroke, stratified by age and sex

| Age, years       | Dementia vs AMI |                | Dementia vs heart failure |                | Dementia vs stroke |                |
|------------------|-----------------|----------------|---------------------------|----------------|--------------------|----------------|
|                  | HR              | 95% CI         | HR                        | 95% CI         | HR                 | 95% CI         |
| <b>Women</b>     |                 |                |                           |                |                    |                |
| 1-year mortality |                 |                |                           |                |                    |                |
| 60–64            | 2.59            | (1.97 to 3.42) | 1.12                      | (0.86 to 1.47) | 1.86               | (1.41 to 2.44) |
| 65–69            | 2.01            | (1.66 to 2.44) | 1.05                      | (0.87 to 1.27) | 1.76               | (1.46 to 2.13) |
| 70–74            | 1.93            | (1.74 to 2.14) | 1.14                      | (1.03 to 1.25) | 1.59               | (1.44 to 1.76) |
| 75–79            | 1.41            | (1.32 to 1.51) | 1.05                      | (0.98 to 1.12) | 1.29               | (1.21 to 1.37) |
| >80              | 1.11            | (1.07 to 1.14) | 1.01                      | (0.98 to 1.03) | 0.99               | (0.96 to 1.02) |
| Total            | 1.14            | (1.11 to 1.17) | 1.00                      | (0.98 to 1.03) | 1.00               | (0.98 to 1.03) |
| 5-year mortality |                 |                |                           |                |                    |                |
| 60–64            | 3.19            | (2.60 to 3.91) | 1.20                      | (0.98 to 1.46) | 2.24               | (1.83 to 2.74) |
| 65–69            | 3.07            | (2.69 to 3.50) | 1.33                      | (1.17 to 1.51) | 2.44               | (2.14 to 2.77) |
| 70–74            | 2.78            | (2.58 to 2.99) | 1.33                      | (1.24 to 1.43) | 2.06               | (1.92 to 2.22) |
| 75–79            | 1.98            | (1.88 to 2.09) | 1.20                      | (1.15 to 1.25) | 1.63               | (1.55 to 1.70) |
| >80              | 1.40            | (1.37 to 1.44) | 1.08                      | (1.05 to 1.10) | 1.19               | (1.17 to 1.22) |
| Total            | 1.51            | (1.47 to 1.54) | 1.09                      | (1.07 to 1.11) | 1.24               | (1.22 to 1.26) |
| <b>Men</b>       |                 |                |                           |                |                    |                |
| 1-year mortality |                 |                |                           |                |                    |                |
| 60–64            | 3.96            | (3.24 to 4.85) | 1.55                      | (1.26 to 1.90) | 2.62               | (2.14 to 3.22) |
| 65–69            | 3.15            | (2.75 to 3.60) | 1.50                      | (1.32 to 1.72) | 2.31               | (2.01 to 2.64) |
| 70–74            | 2.42            | (2.23 to 2.64) | 1.34                      | (1.24 to 1.46) | 2.01               | (1.84 to 2.19) |
| 75–79            | 1.94            | (1.83 to 2.06) | 1.30                      | (1.23 to 1.37) | 1.73               | (1.63 to 1.84) |
| >80              | 1.50            | (1.45 to 1.56) | 1.14                      | (1.11 to 1.18) | 1.35               | (1.31 to 1.40) |
| Total            | 1.65            | (1.60 to 1.70) | 1.18                      | (1.15 to 1.21) | 1.47               | (1.43 to 1.51) |
| 5-year mortality |                 |                |                           |                |                    |                |
| 60–64            | 4.67            | (4.01 to 5.42) | 1.44                      | (1.24 to 1.68) | 2.92               | (2.51 to 3.40) |
| 65–69            | 3.97            | (3.59 to 4.39) | 1.54                      | (1.40 to 1.70) | 2.67               | (2.41 to 2.95) |
| 70–74            | 3.04            | (2.85 to 3.24) | 1.43                      | (1.35 to 1.53) | 2.32               | (2.17 to 2.47) |
| 75–79            | 2.52            | (2.41 to 2.64) | 1.41                      | (1.35 to 1.47) | 2.08               | (1.98 to 2.17) |
| >80              | 1.79            | (1.74 to 1.85) | 1.22                      | (1.19 to 1.25) | 1.54               | (1.50 to 1.59) |
| Total            | 2.03            | (1.99 to 2.08) | 1.27                      | (1.25 to 1.30) | 1.71               | (1.67 to 1.75) |

AMI, acute myocardial infarction; HR, hazard ratio; CI, confidence interval.



**Figure 1** 1- and 5-year mortality risk in patients with a first day/memory clinic visit for dementia compared with the general population (GP).



**Figure 2** 1- and 5-year mortality risk in patients with a first hospitalisation for dementia compared with patients first hospitalisation for acute myocardial infarction (AMI), heart failure or stroke.