Erratum

Quantifying and Describing the Natural History and Costs of Alzheimer’s Disease and Effects of Hypothetical Interventions

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Because of a data extraction error, a correction is needed.
Instead of reporting 10-20-30-40 years results, figures representing 11-21-31-41 years were reported. There are no errors in the database or in the model and no impact on conclusions.
Correct tables are as below:

Table 1
Main outcomes in the simulated cohort of 100,000 MCI-AD persons after 40 years

|                  | 10 years | 20 years | 30 years | 40 years |
|------------------|----------|----------|----------|----------|
| Cumulative cases of dementia | 87,752   | 95,433   | 95,952   | 95,969   |
| Cumulative deaths | 13,391   | 52,501   | 93,908   | 99,973   |
| Cumulative deaths with dementia | 10,275   | 48,647   | 89,892   | 95,942   |
| Cumulative deaths with AD-MCI | 3,116    | 3,854    | 4,016    | 4,030    |
| Mean PYs/person    | 9.50     | 16.41    | 18.83    | 18.97    |
| Mean PYs/person with dementia | 5.67     | 12.24    | 14.63    | 14.78    |
| Mean PYs/person AD-MCI (without dementia) | 3.84     | 4.17     | 4.20     | 4.20     |
| Mean PYs/person in Mild AD | 2.84     | 4.42     | 4.93     | 4.97     |
| Mean PYs/person in Moderate AD | 2.34     | 5.90     | 7.23     | 7.31     |
| Mean PYs/person in Severe AD | 0.49     | 1.92     | 2.47     | 2.50     |

Table 2
Cumulative cohort cost distribution (state related cumulative costs, SEK) and QALY distribution (state related cumulative) (both NPVs) during the simulated period (1 US$ = 8.56 SEK)

| Severity state | 5 years | 10 years | 20 years | 30 years | 40 years |
|----------------|---------|----------|----------|----------|----------|
| AD-MCI         | 55,3188 | 70,918   | 76,421   | 76,760   | 76,771   |
| Mild           | 31,6329 | 63,333   | 94,956   | 104,029  | 104,650  |
| Moderate       | 15,7287 | 65,716   | 156,962  | 187,754  | 189,440  |
| Severe         | 1,6823  | 16,990   | 62,898   | 78,900   | 79,514   |
| Total costs    | 104,3627| 216,957  | 391,238  | 447,443  | 450,375  |
| Cost/PY AD-dementia (SEK) | 249,0394| 257,756  | 257,221  | 253,310  | 252,843  |

Table 4: NNT 10 years: 11, NNT 20 years 28, NNTs 30 and 40 years are correct.