**Appendix D.** Predicted and observed 30-day mortality by prediction rule of Welfare *et al*.[17] for patients with CDI.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Prediction score**  **Welfare *et al.*** | **Patients**  **(n)** | **Observed 30-day mortality** | **Observed 30 day mortality (%)** | **Average predicted complicated course of CDI\*** |
| **Complete score**  0  2  3  4  5  6  7  8 | 29  18  33  23  35  10  0  0 | 1  3  5  7  3  4  NA  NA | 3.4%  16.7%  15.2%  30.4%  8.6%  40%  NA  NA | 9%  NA  21%  31%  NA  NA  48.0%  66% |
| **Simplified score\*\***  0 – 3 (low risk)  4 – 7 (medium risk)  8 (high risk) | 80  68  0 | 9  14  NA | 11.3%  20.6%  NA | 9% - 21%  31% - 48%  66% |
| **Total** | 148 |  |  |  |

**\***Based on the actual observed severe outcomes in the derivation cohort of Welfare *et al.* (see table 1).

\*\*Simplified score derived from original publication

NA: not applicable