**Appendix B.** Predicted and observed complicated course by prediction rule of Hensgens *et al*.[8] for patients with CDI.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Prediction score** | **Patients**  **(N)** | **Observed complicated courses of CDI (N)** | **Observed complicated course of CDI (%)** | **Average predicted complicated course of CDI\*** |
| **Complete score**  -3  -2  -1  0  1  2  3  4  5  6  ≥ 7 | 2  16  2  17  65  4  33  1  5  3  0 | 0  2  0  1  13  1  8  0  4  2  NA | 0%  13%  0%  6%  20%  25%  24%  0%  80%  67%  NA | 3%  3%  10%  5%  7%  18%  15%  28%  49%  51%  NA |
| **Simplified score\*\***  < 0 (no risk)  0 – 1 (low risk)  2 – 3 (medium risk)  ≥ 4 (high risk) | 20  82  37  9 | 2  14  8  6 | 10%  17%  22%  67% | 4%  7%  15%  48% |
| **Total** | 148 | 31 | 21% | 11% |

\*For each patient the predicted probability on a complicated course was calculated using the formula of Hensgens *et al.*: P = 1 / (1 + exp-(-3.15 + 0.52 x age 50-84 + 1.38 x age ≥ 85 ± 0.02 x department of surgery + 1.68 x department of ICU ± 1.26 x recent abdominal surgery + 1.01 x hypotension + 1.01 x diarrhea reason for admission))[8]

\*\*Simplified score derived from original publication