**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**-3-2-10123456≥ 7 | 216217654331530 | 02011318042NA | 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) | 2082379 | 21486 | 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