

## Supplementary data

Table 1. Selection groups used for the weighted sample

|                                                                     | Acute      |        | Elective   |        |
|---------------------------------------------------------------------|------------|--------|------------|--------|
|                                                                     | Population | Sample | Population | Sample |
| <b>With a predefined ICD-10 code indicating an AE in the NPR</b>    |            |        |            |        |
| Percentiles of length of stay                                       |            |        |            |        |
| 0–55%                                                               | 194        | 11     | 95         | 22     |
| 56–80%                                                              | 148        | 16     | 58         | 33     |
| 81–100%                                                             | 302        | 25     | 235        | 49     |
| Readmission                                                         |            |        |            |        |
| 2–30 days                                                           | 274        | 98     | 356        | 196    |
| 31–90 days                                                          | 199        | 98     | 204        | 195    |
| <b>Without a predefined ICD-10 code indicating an AE in the NPR</b> |            |        |            |        |
| Percentiles of length of stay                                       |            |        |            |        |
| 0–55%                                                               | 2,859      | 44     | 9,769      | 86     |
| 56–80%                                                              | 1,167      | 65     | 2,070      | 131    |
| 81–100%                                                             | 766        | 97     | 1,781      | 197    |
| Readmission                                                         |            |        |            |        |
| 2–30 days                                                           | 294        | 147    | 337        | 295    |
| 31–90 days                                                          | 341        | 66     | 325        | 129    |
| Total                                                               | 6,544      | 667    | 15,230     | 838    |

ICD-10 = the 10th revision of the International Classification of Diseases (WHO 2017).  
NPR = National Patient Register.

Table 2. Set of ICD-10 codes used in the selection of patients

|                                       |                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------|
| <b>As main diagnosis</b>              |                                                                             |
| All I codes                           | Diseases of the circulatory system                                          |
| J819                                  | Pulmonary edema                                                             |
| J13                                   | Pneumonia due to Streptococcus pneumoniae                                   |
| J15                                   | Bacterial pneumonia, not elsewhere classified                               |
| J18                                   | Pneumonia, organism unspecified                                             |
| R33                                   | Retention of urine                                                          |
| <b>As main or secondary diagnosis</b> |                                                                             |
| I803                                  | Phlebitis and thrombophlebitis of lower extremities, unspecified            |
| I269                                  | Pulmonary embolism without mention of acute cor pulmonale                   |
| L899                                  | Decubitus ulcer and pressure area, unspecified                              |
| M243                                  | Pathological dislocation and subluxation of joint, not elsewhere classified |
| M244                                  | Recurrent dislocation and subluxation of joint                              |
| S730                                  | Dislocation, sprain and strain of joint and ligaments of hip                |
| T810                                  | Hemorrhage and hematoma complicating a procedure, not elsewhere classified  |
| T813                                  | Disruption of operation wound, not elsewhere classified                     |
| T814                                  | Infection following a procedure, not elsewhere classified                   |
| T840                                  | Mechanical complication of internal joint prosthesis                        |
| T845                                  | Infection and inflammatory reaction due to internal joint prosthesis        |
| T933                                  | Sequelae of dislocation, sprain and strain of lower limb                    |

ICD-10, see Table 1