

## **Supplementary Material**

**Table i.** Reoperation groups based on procedural codes from the Swedish Fracture Register, the Swedish Arthroplasty Register, and the National Patient Register.

| Reoperation group                | Description including procedural codes                    |
|----------------------------------|---|
| Arthroplasty after failure of IF | Index treatment is NFJ* and reoperation treatment is NFB* |
| Extraction of IF                 | Index treatment is NFJ* and reoperation treatment is NFU* |
| Reoperation due to infection     | Index treatment is either NFJ* or NFB* and reoperation    |
|                                  | treatment is NFW*, QD* or NFS*                            |
| Revision arthroplasty            | Index treatment is NFB* and reoperation treatment is NFC* |
| Excision arthroplasty            | Index treatment is either NFJ* or NFB* and reoperation    |
| (Girdlestone)                    | treatment is NFG*   |

<sup>\*</sup>The following two or three letters indicate that the code includes all subcategories of the specified procedure. IF, internal fixation.