**Supplementary tables:**

|  |  |
| --- | --- |
| Infections | ICD-10 code |
| Intestinal infections | A00.\*, A01.\*, A02.\*, A03.\*, A04.\*, A05.\*, A06.\*, A07.\*, A08.\*, A09.\* |
| Urinary tract infections | N39.0 |
| Influenza | J10.\*, J11.\* |
| Pneumonia | J12.\*, J13, J14, J15.\*, J16.\*, J17.\*, J18.\*, J69.\* |
| Herpes simplex virus type 1 and 2/herpes zoster | A60.\*, B00.\*, B02.\* |
| Sepsis | A26.7, A28.2, A32.7, A39.2, A39.4, A40.\*, A41.\*, A42.7, A54.8, B00.7, B34.8, B37.7, B44.7, B48.8, B60.8 |

**Supplementary Table 1:** ICD-10 codes for all analysed infections

|  |  |
| --- | --- |
| Non-infectious comorbidity | ICD-10 code |
| Diabetes mellitus | E10.\*, E11.\* |
| Hyperlipidaemia | E78.\* |
| Alcohol abuse: | F10.\* |
| Hypertension | I10.\* |
| Ischemic heart disease | I25.\* |
| Cerebrovascular disease | I60.\*, I61.\*, I62.\*, I63.\*, I64, I65.\*, I66.\*, I67.\* |
| Atherosclerosis | I70.\* |
| COPD | J44.\* |
| Chronic liver disease | K70.\*, K71.\*, K72.0, K72.1, K72.9, K73.\*, K74.0, K74.1, K74.2, K74.3, K74.4, K74.5, K74.6, K75.\*, K76.\* |
| Chronic kidney disease | N18.\* |
| Obesity | E66.\* |

**Supplementary Table 2:** ICD-10 codes for non-infectious comorbidities. COPD, Chronic Obstructive Pulmonary Disease.