## Supplementary 4: ICD-10-AM and SNOMED diagnostic codes used to identify intentional self-harm and other disorders

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| **Diagnosis, as featured in main text and analyses** | **Diagnostic codes** |
| Intentional self-harm (ISH).  X60-X69: Self-poisoning. X70: Hanging, strangulation and/or suffocation. X71: Drowning and submersion. X72-X74: Firearm discharge. X75: Explosive material. X76: Smoke, fire, and flames. X77: Steam, hot vapors, and hot objects. X78: Sharp object (trauma). X79: Blunt object (trauma). X80: Jumping from a height. X81: Jumping or lying before moving object. X82: Motor vehicle crashing. X83-X84: Other/unspecified. Y87.0 Consequences of ISH. | X60-X84, Y87.0  242824002; 242832005; 297201008; 86849004; 410061008; 219125007; 297063003; 296167005; 296303002; 242833000; 296171008; 274228002; 711538001; 296189009; 296193003; 296851001; 269808005; 296123008 296391008; 296493005; 295967000; 295921000; 271982007; 295252006; 295269008; 295925009; 363293009; 248062006; 53846008; 418420002; 287185009; 82313006; 44301001; 55554002; 287181000. |
| Poisoning by other and unspecified drugs, medicaments, and biological substances (T50.9). Poisoning by: Salicylates (T39.0); 4-Aminophenol derivatives (T39.1); Other nonsteroidal anti-inflammatory drugs (T39.3); Antirheumatics, not elsewhere classified (T39.4); Other nonopioid analgesics and antipyretics, not elsewhere classified (T39.8); Nonopioid analgesic, antipyretic and antirheumatic, Unspecified (T39.9). | T50.9. T39.  55680006; 59369008; 59274003; 7895008; 431307001; 295122008; 242822003; 295808006; 18152005; 269268004; 21068005; 281510005. |
| Poisoning by Succinimides and oxazolidinediones (T42.2); Benzodiazepine (T42.4); Other antiepileptic and sedative-hypnotic drugs (T42.6); Antiepileptic and sedative-hypnotic drugs, unspecified (T42.7). | T42.  296128004; 216530001; 296053004; 296118008; 296168000; 296125001; 296070007; 61406000; 242835007; 296108003; 42377002; 295978008; 296021008; 295980002. |
| Poisoning by Tricyclic and tetracyclic antidepressants (T43.0); Other and unspecified antidepressants (T43.2); Phenothiazine antipsychotics and neuroleptics (T43.3); Psychotropic drug, unspecified (T43.9) | T43.  290858001; 295835002; 295836001; 295830007; 290888005; 295916003; 295937006. |
| Mental Illness (MD) | F00-F09, F20-F99 |
| Substance use disorder (SUD) | F10-F19 |