**Table S1.** ICD-10 codes and cancer sites included in the analysis, together with respective collective names (labels).

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| **ICD-10** | **Sites** | **Label** |
| C00-C14 | Lip, oral cavity, and pharynx  | Head and neck |
| C15-C26 | Digestive organs | Digestive organs |
| C30-C39 | Respiratory and intrathoracic organs  | Respiratory organs |
| C40-C41 | Bone and articular cartilage  | Bones |
| C43-C44 | Melanoma and other skin cancers | Skin |
| C45-C49 | Mesothelial and soft tissue  | Soft tissues |
| C50 | Breast  | Breast |
| C51-C58 | Female genital organs  | Female genital organs |
| C60-C63 | Male genital organs  | Male genital organs |
| C64-C68 | Urinary tract  | Urinary tract |
| C69-C72 | Eye, brain, and other parts of central nervous system  | Central nervous system |
| C73-C75 | Thyroid and other endocrine glands  | Thyroid |
| C76-C80 | Ill-defined, secondary, and unspecified sites  | Unspecified |
| C81 | Hodgkin lymphoma  | Hodgkin lymphoma |
| C82-C88 | Non-Hodgkin lymphoma | Non-Hodgkin lymphoma |
| C90 | Multiple myeloma and malignant plasma cell neoplasms | Myeloma |
| C91-C96 | Leukaemia  | Leukaemia |
| C97 | Independent (primary) multiple sites  | Multiple |
| D01-D09 | In situ neoplasms  | In situ |