



## The most common ICD-9 codes within each topic using LDA with k=20, alpha=2.5 Symptoms involving digesti 599 -Other disorders of urethra and 518 -Other diseases of v58 Acute pulmonary hea 183 -n of ovary and other uterine adnexa Malignant neoplasm of esophagus Other cellulitis and abscess 511 -191 **-**786 -spiratory system and other chest symptoms Certain adverse effects, not elsewhere classified Pneumonia, organism unspecified Acute renal failure Symptoms involving respiratory system and other ch 584 -780 -038 v12 -784 -volving head and neck Disorders of fluid, electrolyte, and acid-base balance radiological and other examination of body structure 416 -monary heart disease Nonspecific findings on examination of blood 345 -0.100 0.15 Essential hyperten 153 -Malignant neoplasm of trachea, Other venous embolism and 401 Malignant neoplasm o 162 -Diseases of white blood cells Other forms of chronic ischemic heart disease Other and unspecific v58 **-**285 alignant neoplasm of lymphoid and histiocytic tissue 451 -hlebitis and thrombophlebitis 287 -786 -ratory system and other chest symptoms 197 -alignant neoplasm of respiratory and digestive system 787 Jving digestive system 530 ⊰es o<mark>f e</mark>sophagus 189 -plasm of kidney and other and unspecified urinary organs v44 **-**275 **-**209 -oendocrine tumors Myeloid 205 v10 -Aplastic anemia 284 **-**0.15 0.2 0.3 Other symptoms involving apdon 427 Cardiac dysrhythr 585 -Acquired hypothyroidism Chronic renal fail 453 - embolism and thrombosis 244 -Chronic ulcer of skin Multiple myeloma and immunoprolife Malignant neoplasm of pancreas Disorders of lipoid metabolism 707 elsewhere classified Other and unspecified anemias 285 v10 atory system and other chest symptoms 280 -493 -403 -366 -584 -cute renal plasm of body of uterus ases of blood and blood-forming organs 289 -thei 702 **-**425 **-**273 -of plasma protein metabolism Other retinal disorders 362 -790 -gs on examination of blood v76 -416 Imonary heart disease 733 ⇒rs of bone and cartilage v72 -0.10 0.2 0.3 0.050 0.20 0.2 0.025 0.075 Malignant neoplasm of fem 724. Other and unspecified of 250 -Disorders of muscle, ligament v58 -729 ders of soft tissues 196 - nd unspecified malignant neoplasm of lymph nodes Osteoarthrosis and allied disorders Essential hypertension 199 -t neoplasm without specification of site Other and unspecified disorder of joint Intervertebral disc disorders 457 -orders of lymphatic channels ders of lipoid metabolism 729 **-**294 - Other organic psychotic conditions (chronic) 780 -eral symptoms 0.2 0.10 0.05 0.10 0.00 Per-topic-per-word probability







