The most common ICD-9 codes within each topic using Gibbs estimation with alpha=5 1 2 3 4 v04 v58 -780 **-**724 -366 -715 -401 -784 **-**238 -719 -453 **-**719 -722 v10 -702 -781 v70 -721 -272 -348 v76 -728 -729 -728 -362 -959 -786 -311 -709 -733 -780 -599 -465 -723 -250 v57 -692 **-**716 -782 **-**300 -0.00 0.01 0.02 0.03 0.04 0.00 0.02 0.04 0.000 0.025 0.050 0.075 0.00 0.01 0.02 0.03 0.04 7 5 6 8 401 -789 -518 v58 -414 -787 **-**486 -453 **-**272 -569 -511 -288 -CD-9 code 585 **-**153 **-**496 -729 -428 -578 -799 -786 -427 -280 -786 -287 -424 -553 -415 -780 **-**429 -995 -793 **-**285 -593 -560 -162 **-**787 -584 -535 -785 -276 -0.04 0.02 0.000.010.020.030.040.05 0.00 0.02 0.04 0.06 0.02 0.04 0.00 0.00 0.0 10 9 197 v10 -198 -174 v58 v72 -453 v45 -199 v67 v12 -789 -196 -733 v66 v15 -787 v87 -

338 -

0.00 0.02 0.04 0.06 0.08

v76 -

0.000.010.020.030.040.05

Per-topic-per-word probability