

Topic: 201
Relevant Docs: 1886
Rel Estimate: 64474
Rel Accuracy: 2.9%
F1: 1.1%
F1 Estimate: 31.9%
F1 Accuracy: 3.6%
Best cutoff: 1244
Cutoff Estimate: 114045
Cutoff Accuracy: 1.1%
Hypothetical F1: 24.1%
ROC AUC : 55.3%

Topic: 202
Relevant Docs: 6312
Rel Estimate: 308471
Rel Accuracy: 2.0%
F1: 2.3%
F1 Estimate: 64.5%
F1 Accuracy: 3.5%
Best cutoff: 12841
Cutoff Estimate: 539554
Cutoff Accuracy: 2.4%
Hypothetical F1: 53.5%
ROC AUC : 90.2%

Topic: 204
Relevant Docs: 6362
Rel Estimate: 46020
Rel Accuracy: 13.8%
F1: 2.4%
F1 Estimate: 45.5%
F1 Accuracy: 5.3%
Best cutoff: 2742
Cutoff Estimate: 59436
Cutoff Accuracy: 4.6%
Hypothetical F1: 10.1%
ROC AUC : 57.7%

Topic: 205
Relevant Docs: 67938
Rel Estimate: 190389
Rel Accuracy: 35.7%
F1: 16.5%
F1 Estimate: 53.6%
F1 Accuracy: 30.8%
Best cutoff: 33348
Cutoff Estimate: 356079
Cutoff Accuracy: 9.4%
Hypothetical F1: 26.6%
ROC AUC : 50.5%

Topic: 206
Relevant Docs: 866
Rel Estimate: 34729
Rel Accuracy: 2.5%
F1: 0.2%
F1 Estimate: 18.8%
F1 Accuracy: 1.0%
Best cutoff: 75
Cutoff Estimate: 77562
Cutoff Accuracy: 0.1%
Hypothetical F1: 7.0%
ROC AUC : 44.2%

Topic: 207
Relevant Docs: 20929
Rel Estimate: 74316
Rel Accuracy: 28.2%
F1: 17.5%
F1 Estimate: 34.6%
F1 Accuracy: 50.5%
Best cutoff: 111942

Cutoff Estimate: 134295
Cutoff Accuracy: 83.4%
Hypothetical F1: 19.1%
ROC AUC : 76.8%

Legal track learning task results

==== Topic 201 ====

| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
|--------------------|--------------|----------------|---------------|----------------|
| 10 (0.000) | 6 (0.003) | 4 (0.000) | 10 (0.000) | 0 (0.000) |
| 20 (0.000) | 12 (0.006) | 8 (0.000) | 20 (0.000) | 0 (0.000) |
| 50 (0.000) | 29 (0.015) | 21 (0.000) | 50 (0.001) | 0 (0.000) |
| 100 (0.000) | 46 (0.024) | 54 (0.000) | 100 (0.002) | 0 (0.000) |
| 200 (0.000) | 77 (0.041) | 123 (0.000) | 198 (0.003) | 2 (0.000) |
| 500 (0.001) | 149 (0.079) | 351 (0.001) | 482 (0.007) | 18 (0.000) |
| 1000 (0.001) | 285 (0.151) | 715 (0.001) | 868 (0.013) | 132 (0.000) |
| 2000 (0.003) | 426 (0.226) | 1574 (0.002) | 1376 (0.021) | 624 (0.001) |
| 5000 (0.007) | 477 (0.253) | 4523 (0.007) | 2611 (0.040) | 2389 (0.004) |
| 20000 (0.029) | 528 (0.280) | 19472 (0.028) | 7680 (0.119) | 12320 (0.020) |
| 50000 (0.073) | 544 (0.288) | 49456 (0.072) | 15869 (0.246) | 34131 (0.055) |
| 100000 (0.146) | 645 (0.342) | 99355 (0.145) | 26151 (0.406) | 73849 (0.119) |
| 200000 (0.292) | 844 (0.448) | 199156 (0.291) | 40484 (0.628) | 159516 (0.257) |
| 500000 (0.729) | 1212 (0.643) | 498788 (0.730) | 61454 (0.953) | 438546 (0.706) |
| 685592 (1.000) | 1886 (1.000) | 683706 (1.000) | 64474 (1.000) | 621118 (1.000) |

==== Topic 202 ====

| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
|--------------------|--------------|----------------|----------------|----------------|
| 10 (0.000) | 10 (0.002) | 0 (0.000) | 10 (0.000) | 0 (0.000) |
| 20 (0.000) | 20 (0.003) | 0 (0.000) | 20 (0.000) | 0 (0.000) |
| 50 (0.000) | 47 (0.007) | 3 (0.000) | 50 (0.000) | 0 (0.000) |
| 100 (0.000) | 96 (0.015) | 4 (0.000) | 100 (0.000) | 0 (0.000) |
| 200 (0.000) | 164 (0.026) | 36 (0.000) | 200 (0.001) | 0 (0.000) |
| 500 (0.001) | 462 (0.073) | 38 (0.000) | 500 (0.002) | 0 (0.000) |
| 1000 (0.001) | 956 (0.151) | 44 (0.000) | 1000 (0.003) | 0 (0.000) |
| 2000 (0.003) | 1872 (0.296) | 128 (0.000) | 2000 (0.006) | 0 (0.000) |
| 5000 (0.007) | 2568 (0.407) | 2432 (0.004) | 4858 (0.016) | 142 (0.000) |
| 20000 (0.029) | 4715 (0.747) | 15285 (0.023) | 16866 (0.055) | 3134 (0.008) |
| 50000 (0.073) | 5191 (0.822) | 44809 (0.066) | 38402 (0.124) | 11598 (0.031) |
| 100000 (0.146) | 5476 (0.867) | 94524 (0.139) | 71121 (0.231) | 28879 (0.077) |
| 200000 (0.292) | 5575 (0.883) | 194425 (0.286) | 127493 (0.413) | 72507 (0.192) |
| 500000 (0.729) | 6087 (0.964) | 493913 (0.727) | 260195 (0.844) | 239805 (0.636) |
| 685592 (1.000) | 6312 (1.000) | 679280 (1.000) | 308471 (1.000) | 377121 (1.000) |

==== Topic 204 ====

| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
|--------------------|--------------|----------------|---------------|----------------|
| 10 (0.000) | 8 (0.001) | 2 (0.000) | 10 (0.000) | 0 (0.000) |
| 20 (0.000) | 15 (0.002) | 5 (0.000) | 20 (0.000) | 0 (0.000) |
| 50 (0.000) | 37 (0.006) | 13 (0.000) | 50 (0.001) | 0 (0.000) |
| 100 (0.000) | 79 (0.012) | 21 (0.000) | 99 (0.002) | 1 (0.000) |
| 200 (0.000) | 172 (0.027) | 28 (0.000) | 194 (0.004) | 6 (0.000) |
| 500 (0.001) | 158 (0.025) | 342 (0.001) | 466 (0.010) | 34 (0.000) |
| 1000 (0.001) | 184 (0.029) | 816 (0.001) | 908 (0.020) | 92 (0.000) |
| 2000 (0.003) | 414 (0.065) | 1586 (0.002) | 1745 (0.038) | 255 (0.000) |
| 5000 (0.007) | 489 (0.077) | 4511 (0.007) | 3747 (0.081) | 1253 (0.002) |
| 20000 (0.029) | 703 (0.111) | 19297 (0.028) | 11159 (0.242) | 8841 (0.014) |
| 50000 (0.073) | 767 (0.121) | 49233 (0.072) | 21643 (0.470) | 28357 (0.044) |
| 100000 (0.146) | 1159 (0.182) | 98841 (0.146) | 30589 (0.665) | 69411 (0.109) |
| 200000 (0.292) | 2649 (0.416) | 197351 (0.291) | 37990 (0.825) | 162010 (0.253) |
| 500000 (0.729) | 4721 (0.742) | 495279 (0.729) | 45068 (0.979) | 454932 (0.711) |
| 685592 (1.000) | 6362 (1.000) | 679230 (1.000) | 46020 (1.000) | 639572 (1.000) |

==== Topic 205 ====

| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
|--------------------|---------------|----------------|----------------|----------------|
| 10 (0.000) | 10 (0.000) | 0 (0.000) | 10 (0.000) | 0 (0.000) |
| 20 (0.000) | 20 (0.000) | 0 (0.000) | 20 (0.000) | 0 (0.000) |
| 50 (0.000) | 42 (0.001) | 8 (0.000) | 50 (0.000) | 0 (0.000) |
| 100 (0.000) | 91 (0.001) | 9 (0.000) | 100 (0.001) | 0 (0.000) |
| 200 (0.000) | 189 (0.003) | 11 (0.000) | 199 (0.001) | 1 (0.000) |
| 500 (0.001) | 485 (0.007) | 15 (0.000) | 495 (0.003) | 5 (0.000) |
| 1000 (0.001) | 931 (0.014) | 69 (0.000) | 979 (0.005) | 21 (0.000) |
| 2000 (0.003) | 1901 (0.028) | 99 (0.000) | 1924 (0.010) | 76 (0.000) |
| 5000 (0.007) | 4653 (0.068) | 347 (0.001) | 4581 (0.024) | 419 (0.001) |
| 20000 (0.029) | 10059 (0.148) | 9941 (0.016) | 15076 (0.079) | 4924 (0.010) |
| 50000 (0.073) | 13689 (0.201) | 36311 (0.059) | 31161 (0.164) | 18839 (0.038) |
| 100000 (0.146) | 19851 (0.292) | 80149 (0.130) | 55027 (0.289) | 44973 (0.091) |
| 200000 (0.292) | 24550 (0.361) | 175450 (0.284) | 96378 (0.506) | 103622 (0.209) |
| 500000 (0.729) | 43135 (0.635) | 456865 (0.740) | 177305 (0.931) | 322695 (0.652) |
| 685592 (1.000) | 67938 (1.000) | 617654 (1.000) | 190389 (1.000) | 495203 (1.000) |

==== Topic 206 ====

| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
|--------------------|------------|-------------|---------------|---------------|
| 10 (0.000) | 1 (0.001) | 9 (0.000) | 9 (0.000) | 1 (0.000) |
| 20 (0.000) | 6 (0.007) | 14 (0.000) | 18 (0.001) | 2 (0.000) |
| 50 (0.000) | 27 (0.031) | 23 (0.000) | 43 (0.001) | 7 (0.000) |

| | | | | |
|----------------|-------------|----------------|---------------|----------------|
| 100 (0.000) | 33 (0.038) | 67 (0.000) | 76 (0.002) | 24 (0.000) |
| 200 (0.000) | 33 (0.038) | 167 (0.000) | 131 (0.004) | 69 (0.000) |
| 500 (0.001) | 37 (0.043) | 463 (0.001) | 265 (0.008) | 235 (0.000) |
| 1000 (0.001) | 37 (0.043) | 963 (0.001) | 456 (0.013) | 544 (0.001) |
| 2000 (0.003) | 37 (0.043) | 1963 (0.003) | 749 (0.022) | 1251 (0.002) |
| 5000 (0.007) | 37 (0.043) | 4963 (0.007) | 1434 (0.041) | 3566 (0.005) |
| 20000 (0.029) | 37 (0.043) | 19963 (0.029) | 3983 (0.115) | 16017 (0.025) |
| 50000 (0.073) | 38 (0.044) | 49962 (0.073) | 7746 (0.223) | 42254 (0.065) |
| 100000 (0.146) | 72 (0.083) | 99928 (0.146) | 12553 (0.361) | 87447 (0.134) |
| 200000 (0.292) | 229 (0.264) | 199771 (0.292) | 19668 (0.566) | 180332 (0.277) |
| 500000 (0.729) | 542 (0.625) | 499458 (0.729) | 31845 (0.917) | 468155 (0.719) |
| 685592 (1.000) | 866 (1.000) | 684726 (1.000) | 34729 (1.000) | 650863 (1.000) |

==== Topic 207 ====

| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
|--------------------|---------------|----------------|---------------|----------------|
| 10 (0.000) | 10 (0.000) | 0 (0.000) | 10 (0.000) | 0 (0.000) |
| 20 (0.000) | 19 (0.001) | 1 (0.000) | 19 (0.000) | 1 (0.000) |
| 50 (0.000) | 45 (0.002) | 5 (0.000) | 47 (0.001) | 3 (0.000) |
| 100 (0.000) | 95 (0.005) | 5 (0.000) | 92 (0.001) | 8 (0.000) |
| 200 (0.000) | 193 (0.009) | 7 (0.000) | 180 (0.002) | 20 (0.000) |
| 500 (0.001) | 444 (0.021) | 56 (0.000) | 422 (0.006) | 78 (0.000) |
| 1000 (0.001) | 800 (0.038) | 200 (0.000) | 771 (0.010) | 229 (0.000) |
| 2000 (0.003) | 1286 (0.061) | 714 (0.001) | 1353 (0.018) | 647 (0.001) |
| 5000 (0.007) | 2060 (0.098) | 2940 (0.004) | 2824 (0.038) | 2176 (0.004) |
| 20000 (0.029) | 2769 (0.132) | 17231 (0.026) | 8752 (0.118) | 11248 (0.018) |
| 50000 (0.073) | 6389 (0.305) | 43611 (0.066) | 17932 (0.241) | 32068 (0.052) |
| 100000 (0.146) | 11284 (0.539) | 88716 (0.133) | 29665 (0.399) | 70335 (0.115) |
| 200000 (0.292) | 15643 (0.747) | 184357 (0.277) | 46023 (0.619) | 153977 (0.252) |
| 500000 (0.729) | 19091 (0.912) | 480909 (0.724) | 69757 (0.939) | 430243 (0.704) |
| 685592 (1.000) | 20929 (1.000) | 664663 (1.000) | 74316 (1.000) | 611276 (1.000) |