

Topic: 200
 Relevant Docs: 2544
 Rel Estimate: 9663
 Rel Accuracy: 26.3%
 F1: 2.8%
 F1 Estimate: 15.4%
 F1 Accuracy: 18.0%
 Best cutoff: 3164
 Cutoff Estimate: 27845
 Cutoff Accuracy: 11.4%
 Hypothetical F1: 7.4%
 ROC AUC : 61.5%

Topic: 201
 Relevant Docs: 1886
 Rel Estimate: 6187
 Rel Accuracy: 30.5%
 F1: 3.4%
 F1 Estimate: 17.2%
 F1 Accuracy: 19.8%
 Best cutoff: 2102
 Cutoff Estimate: 14528
 Cutoff Accuracy: 14.5%
 Hypothetical F1: 10.1%
 ROC AUC : 30.9%

Topic: 202
 Relevant Docs: 6312
 Rel Estimate: 5891
 Rel Accuracy: 93.3%
 F1: 2.8%
 F1 Estimate: 18.9%
 F1 Accuracy: 14.8%
 Best cutoff: 26472
 Cutoff Estimate: 11286
 Cutoff Accuracy: 42.6%
 Hypothetical F1: 4.6%
 ROC AUC : 32.1%

Topic: 203
 Relevant Docs: 3125
 Rel Estimate: 7832
 Rel Accuracy: 39.9%
 F1: 7.4%
 F1 Estimate: 14.9%
 F1 Accuracy: 49.9%
 Best cutoff: 19368
 Cutoff Estimate: 15125
 Cutoff Accuracy: 78.1%
 Hypothetical F1: 9.1%
 ROC AUC : 48.0%

Topic: 204
 Relevant Docs: 6362
 Rel Estimate: 79343
 Rel Accuracy: 8.0%
 F1: 2.3%
 F1 Estimate: 32.1%
 F1 Accuracy: 7.2%
 Best cutoff: 10302
 Cutoff Estimate: 367930
 Cutoff Accuracy: 2.8%
 Hypothetical F1: 20.9%
 ROC AUC : 69.9%

Topic: 205
 Relevant Docs: 67938
 Rel Estimate: 5786
 Rel Accuracy: 8.5%
 F1: 6.9%
 F1 Estimate: 18.9%
 F1 Accuracy: 36.5%
 Best cutoff: 684218

Cutoff Estimate: 12257
 Cutoff Accuracy: 1.8%
 Hypothetical F1: 18.0%
 ROC AUC : 33.7%

Topic: 206
 Relevant Docs: 866
 Rel Estimate: 8366
 Rel Accuracy: 10.4%
 F1: 4.8%
 F1 Estimate: 18.3%
 F1 Accuracy: 26.2%
 Best cutoff: 2260
 Cutoff Estimate: 19574
 Cutoff Accuracy: 11.5%
 Hypothetical F1: 20.1%
 ROC AUC : 87.5%

Topic: 207
 Relevant Docs: 20929
 Rel Estimate: 45829
 Rel Accuracy: 45.7%
 F1: 3.8%
 F1 Estimate: 24.0%
 F1 Accuracy: 15.9%
 Best cutoff: 4986
 Cutoff Estimate: 225412
 Cutoff Accuracy: 2.2%
 Hypothetical F1: 16.3%
 ROC AUC : 39.4%

Legal track learning task results

Ursinus College

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| ==== Topic 200 ==== | | | | |
|---------------------|--------------|----------------|---------------|----------------|
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 2 (0.001) | 8 (0.000) | 3 (0.000) | 7 (0.000) |
| 20 (0.000) | 7 (0.003) | 13 (0.000) | 6 (0.001) | 14 (0.000) |
| 50 (0.000) | 7 (0.003) | 43 (0.000) | 14 (0.001) | 36 (0.000) |
| 100 (0.000) | 8 (0.003) | 92 (0.000) | 27 (0.003) | 73 (0.000) |
| 200 (0.000) | 17 (0.007) | 183 (0.000) | 50 (0.005) | 150 (0.000) |
| 500 (0.001) | 46 (0.018) | 454 (0.001) | 110 (0.011) | 390 (0.001) |
| 1000 (0.001) | 62 (0.024) | 938 (0.001) | 199 (0.021) | 801 (0.001) |
| 2000 (0.003) | 89 (0.035) | 1911 (0.003) | 353 (0.037) | 1647 (0.002) |
| 5000 (0.007) | 219 (0.086) | 4781 (0.007) | 752 (0.078) | 4248 (0.006) |
| 20000 (0.029) | 387 (0.152) | 19613 (0.029) | 2251 (0.233) | 17749 (0.026) |
| 50000 (0.073) | 497 (0.196) | 49503 (0.072) | 4386 (0.454) | 45614 (0.067) |
| 100000 (0.146) | 789 (0.310) | 99211 (0.145) | 6677 (0.691) | 93323 (0.138) |
| 200000 (0.292) | 1296 (0.510) | 198704 (0.291) | 8863 (0.917) | 191137 (0.283) |
| 500000 (0.729) | 2385 (0.938) | 497615 (0.729) | 9477 (0.981) | 490523 (0.726) |
| 685592 (1.000) | 2544 (1.000) | 683048 (1.000) | 9663 (1.000) | 675929 (1.000) |
| ==== Topic 201 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 7 (0.004) | 3 (0.000) | 4 (0.001) | 6 (0.000) |
| 20 (0.000) | 16 (0.008) | 4 (0.000) | 8 (0.001) | 12 (0.000) |
| 50 (0.000) | 25 (0.013) | 25 (0.000) | 18 (0.003) | 32 (0.000) |
| 100 (0.000) | 30 (0.016) | 70 (0.000) | 33 (0.005) | 67 (0.000) |
| 200 (0.000) | 64 (0.034) | 136 (0.000) | 61 (0.010) | 139 (0.000) |
| 500 (0.001) | 97 (0.051) | 403 (0.001) | 133 (0.022) | 367 (0.001) |
| 1000 (0.001) | 121 (0.064) | 879 (0.001) | 237 (0.038) | 763 (0.001) |
| 2000 (0.003) | 174 (0.092) | 1826 (0.003) | 413 (0.067) | 1587 (0.002) |
| 5000 (0.007) | 245 (0.130) | 4755 (0.007) | 828 (0.134) | 4172 (0.006) |
| 20000 (0.029) | 301 (0.160) | 19699 (0.029) | 2219 (0.359) | 17781 (0.026) |
| 50000 (0.073) | 342 (0.181) | 49658 (0.073) | 3754 (0.607) | 46246 (0.068) |
| 100000 (0.146) | 373 (0.198) | 99627 (0.146) | 4925 (0.796) | 95075 (0.140) |
| 200000 (0.292) | 397 (0.210) | 199603 (0.292) | 5704 (0.922) | 194296 (0.286) |
| 500000 (0.729) | 719 (0.381) | 499281 (0.730) | 6001 (0.970) | 493999 (0.727) |
| 685592 (1.000) | 1886 (1.000) | 683706 (1.000) | 6187 (1.000) | 679405 (1.000) |
| ==== Topic 202 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 0 (0.000) | 10 (0.000) | 5 (0.001) | 5 (0.000) |
| 20 (0.000) | 0 (0.000) | 20 (0.000) | 9 (0.002) | 11 (0.000) |
| 50 (0.000) | 2 (0.000) | 48 (0.000) | 22 (0.004) | 28 (0.000) |
| 100 (0.000) | 2 (0.000) | 98 (0.000) | 41 (0.007) | 59 (0.000) |
| 200 (0.000) | 2 (0.000) | 198 (0.000) | 77 (0.013) | 123 (0.000) |
| 500 (0.001) | 2 (0.000) | 498 (0.001) | 168 (0.028) | 332 (0.000) |
| 1000 (0.001) | 12 (0.002) | 988 (0.001) | 293 (0.050) | 707 (0.001) |
| 2000 (0.003) | 13 (0.002) | 1987 (0.003) | 496 (0.084) | 1504 (0.002) |
| 5000 (0.007) | 67 (0.011) | 4933 (0.007) | 945 (0.160) | 4055 (0.006) |
| 20000 (0.029) | 323 (0.051) | 19677 (0.029) | 2345 (0.398) | 17655 (0.026) |
| 50000 (0.073) | 907 (0.144) | 49093 (0.072) | 3766 (0.639) | 46234 (0.068) |
| 100000 (0.146) | 1226 (0.194) | 98774 (0.145) | 4759 (0.808) | 95241 (0.140) |
| 200000 (0.292) | 1329 (0.211) | 198671 (0.292) | 5410 (0.918) | 194590 (0.286) |
| 500000 (0.729) | 2831 (0.448) | 497169 (0.732) | 5705 (0.968) | 494295 (0.727) |
| 685592 (1.000) | 6312 (1.000) | 679280 (1.000) | 5891 (1.000) | 679701 (1.000) |
| ==== Topic 203 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 0 (0.000) | 10 (0.000) | 4 (0.000) | 6 (0.000) |
| 20 (0.000) | 0 (0.000) | 20 (0.000) | 7 (0.001) | 13 (0.000) |
| 50 (0.000) | 1 (0.000) | 49 (0.000) | 16 (0.002) | 34 (0.000) |
| 100 (0.000) | 2 (0.001) | 98 (0.000) | 30 (0.004) | 70 (0.000) |
| 200 (0.000) | 2 (0.001) | 198 (0.000) | 57 (0.007) | 143 (0.000) |
| 500 (0.001) | 4 (0.001) | 496 (0.001) | 138 (0.018) | 362 (0.001) |
| 1000 (0.001) | 5 (0.002) | 995 (0.001) | 248 (0.032) | 752 (0.001) |
| 2000 (0.003) | 6 (0.002) | 1994 (0.003) | 428 (0.055) | 1572 (0.002) |
| 5000 (0.007) | 322 (0.103) | 4678 (0.007) | 817 (0.104) | 4183 (0.006) |
| 20000 (0.029) | 1037 (0.332) | 18963 (0.028) | 2049 (0.262) | 17951 (0.026) |
| 50000 (0.073) | 1232 (0.394) | 48768 (0.071) | 3711 (0.474) | 46289 (0.068) |
| 100000 (0.146) | 1315 (0.421) | 98685 (0.145) | 5606 (0.716) | 94394 (0.139) |
| 200000 (0.292) | 1391 (0.445) | 198609 (0.291) | 7262 (0.927) | 192738 (0.284) |
| 500000 (0.729) | 1548 (0.495) | 498452 (0.730) | 7646 (0.976) | 492354 (0.726) |
| 685592 (1.000) | 3125 (1.000) | 682467 (1.000) | 7832 (1.000) | 677760 (1.000) |
| ==== Topic 204 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 7 (0.001) | 3 (0.000) | 4 (0.000) | 6 (0.000) |
| 20 (0.000) | 14 (0.002) | 6 (0.000) | 8 (0.000) | 12 (0.000) |
| 50 (0.000) | 32 (0.005) | 18 (0.000) | 18 (0.000) | 32 (0.000) |

| 100 (0.000) | 63 (0.010) | 37 (0.000) | 35 (0.000) | 65 (0.000) |
|---------------------|---------------|----------------|---------------|----------------|
| 200 (0.000) | 124 (0.020) | 76 (0.000) | 66 (0.001) | 134 (0.000) |
| 500 (0.001) | 183 (0.029) | 317 (0.000) | 154 (0.002) | 346 (0.001) |
| 1000 (0.001) | 292 (0.046) | 708 (0.001) | 294 (0.004) | 706 (0.001) |
| 2000 (0.003) | 779 (0.123) | 1221 (0.002) | 551 (0.007) | 1449 (0.002) |
| 5000 (0.007) | 1049 (0.165) | 3951 (0.006) | 1235 (0.016) | 3765 (0.006) |
| 20000 (0.029) | 1737 (0.273) | 18263 (0.027) | 4313 (0.054) | 15687 (0.026) |
| 50000 (0.073) | 1811 (0.285) | 48189 (0.071) | 10293 (0.130) | 39707 (0.065) |
| 100000 (0.146) | 2773 (0.436) | 97227 (0.143) | 20239 (0.255) | 79761 (0.132) |
| 200000 (0.292) | 3218 (0.506) | 196782 (0.290) | 40047 (0.505) | 159953 (0.264) |
| 500000 (0.729) | 6080 (0.956) | 493920 (0.727) | 79157 (0.998) | 420843 (0.694) |
| 685592 (1.000) | 6362 (1.000) | 679230 (1.000) | 79343 (1.000) | 606249 (1.000) |
| ==== Topic 205 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 5 (0.000) | 5 (0.000) | 3 (0.000) | 7 (0.000) |
| 20 (0.000) | 5 (0.000) | 15 (0.000) | 5 (0.001) | 15 (0.000) |
| 50 (0.000) | 7 (0.000) | 43 (0.000) | 13 (0.002) | 37 (0.000) |
| 100 (0.000) | 13 (0.000) | 87 (0.000) | 25 (0.004) | 75 (0.000) |
| 200 (0.000) | 40 (0.001) | 160 (0.000) | 48 (0.008) | 152 (0.000) |
| 500 (0.001) | 106 (0.002) | 394 (0.001) | 115 (0.020) | 385 (0.001) |
| 1000 (0.001) | 108 (0.002) | 892 (0.001) | 218 (0.038) | 782 (0.001) |
| 2000 (0.003) | 338 (0.005) | 1662 (0.003) | 412 (0.071) | 1588 (0.002) |
| 5000 (0.007) | 635 (0.009) | 4365 (0.007) | 907 (0.157) | 4093 (0.006) |
| 20000 (0.029) | 4094 (0.060) | 15906 (0.026) | 2334 (0.403) | 17666 (0.026) |
| 50000 (0.073) | 8283 (0.122) | 41717 (0.068) | 3853 (0.666) | 46147 (0.068) |
| 100000 (0.146) | 9044 (0.133) | 90956 (0.147) | 4894 (0.846) | 95106 (0.140) |
| 200000 (0.292) | 16720 (0.246) | 183280 (0.297) | 5305 (0.917) | 194695 (0.286) |
| 500000 (0.729) | 29617 (0.436) | 470383 (0.762) | 5601 (0.968) | 494399 (0.727) |
| 685592 (1.000) | 67938 (1.000) | 617654 (1.000) | 5786 (1.000) | 679806 (1.000) |
| ==== Topic 206 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 0 (0.000) | 10 (0.000) | 3 (0.000) | 7 (0.000) |
| 20 (0.000) | 1 (0.001) | 19 (0.000) | 6 (0.001) | 14 (0.000) |
| 50 (0.000) | 6 (0.007) | 44 (0.000) | 15 (0.002) | 35 (0.000) |
| 100 (0.000) | 8 (0.009) | 92 (0.000) | 30 (0.004) | 70 (0.000) |
| 200 (0.000) | 86 (0.099) | 114 (0.000) | 57 (0.007) | 143 (0.000) |
| 500 (0.001) | 88 (0.101) | 412 (0.001) | 129 (0.015) | 371 (0.001) |
| 1000 (0.001) | 173 (0.200) | 827 (0.001) | 232 (0.028) | 768 (0.001) |
| 2000 (0.003) | 255 (0.294) | 1745 (0.003) | 413 (0.049) | 1587 (0.002) |
| 5000 (0.007) | 349 (0.403) | 4651 (0.007) | 903 (0.108) | 4097 (0.006) |
| 20000 (0.029) | 492 (0.568) | 19508 (0.028) | 2599 (0.311) | 17401 (0.026) |
| 50000 (0.073) | 637 (0.736) | 49363 (0.072) | 4654 (0.556) | 45346 (0.067) |
| 100000 (0.146) | 647 (0.747) | 99353 (0.145) | 6460 (0.772) | 93540 (0.138) |
| 200000 (0.292) | 770 (0.889) | 199230 (0.291) | 7817 (0.934) | 192183 (0.284) |
| 500000 (0.729) | 792 (0.915) | 499208 (0.729) | 8181 (0.978) | 491819 (0.726) |
| 685592 (1.000) | 866 (1.000) | 684726 (1.000) | 8366 (1.000) | 677226 (1.000) |
| ==== Topic 207 ==== | | | | |
| Documents returned | Relevant | Nonrelevant | Estimated Rel | Estimated Non |
| 10 (0.000) | 10 (0.000) | 0 (0.000) | 5 (0.000) | 5 (0.000) |
| 20 (0.000) | 20 (0.001) | 0 (0.000) | 10 (0.000) | 10 (0.000) |
| 50 (0.000) | 50 (0.002) | 0 (0.000) | 23 (0.001) | 27 (0.000) |
| 100 (0.000) | 96 (0.005) | 4 (0.000) | 44 (0.001) | 56 (0.000) |
| 200 (0.000) | 163 (0.008) | 37 (0.000) | 78 (0.002) | 122 (0.000) |
| 500 (0.001) | 375 (0.018) | 125 (0.000) | 167 (0.004) | 333 (0.001) |
| 1000 (0.001) | 798 (0.038) | 202 (0.000) | 293 (0.006) | 707 (0.001) |
| 2000 (0.003) | 1363 (0.065) | 637 (0.001) | 505 (0.011) | 1495 (0.002) |
| 5000 (0.007) | 2096 (0.100) | 2904 (0.004) | 1050 (0.023) | 3950 (0.006) |
| 20000 (0.029) | 2735 (0.131) | 17265 (0.026) | 3559 (0.078) | 16441 (0.026) |
| 50000 (0.073) | 3004 (0.144) | 46996 (0.071) | 8317 (0.181) | 41683 (0.065) |
| 100000 (0.146) | 4384 (0.209) | 95616 (0.144) | 15799 (0.345) | 84201 (0.132) |
| 200000 (0.292) | 4706 (0.225) | 195294 (0.294) | 29407 (0.642) | 170593 (0.267) |
| 500000 (0.729) | 9031 (0.431) | 490969 (0.739) | 45644 (0.996) | 454356 (0.710) |
| 685592 (1.000) | 20929 (1.000) | 664663 (1.000) | 45829 (1.000) | 639763 (1.000) |