

Topic: 200
 Relevant Docs: 2544
 Rel Estimate: 245434
 Rel Accuracy: 1.0%
 F1: 1.0%
 F1 Estimate: 64.9%
 F1 Accuracy: 1.6%
 Best cutoff: 2103
 Cutoff Estimate: 452534
 Cutoff Accuracy: 0.5%
 Hypothetical F1: 18.9%
 ROC AUC : 76.3%

Topic: 201
 Relevant Docs: 1886
 Rel Estimate: 191846
 Rel Accuracy: 1.0%
 F1: 0.8%
 F1 Estimate: 54.8%
 F1 Accuracy: 1.4%
 Best cutoff: 4021
 Cutoff Estimate: 449126
 Cutoff Accuracy: 0.9%
 Hypothetical F1: 40.7%
 ROC AUC : 84.8%

Topic: 202
 Relevant Docs: 6312
 Rel Estimate: 245497
 Rel Accuracy: 2.6%
 F1: 2.4%
 F1 Estimate: 60.3%
 F1 Accuracy: 4.0%
 Best cutoff: 3731
 Cutoff Estimate: 511927
 Cutoff Accuracy: 0.7%
 Hypothetical F1: 56.8%
 ROC AUC : 82.7%

Topic: 203
 Relevant Docs: 3125
 Rel Estimate: 199518
 Rel Accuracy: 1.6%
 F1: 1.4%
 F1 Estimate: 55.6%
 F1 Accuracy: 2.4%
 Best cutoff: 16122
 Cutoff Estimate: 429225
 Cutoff Accuracy: 3.8%
 Hypothetical F1: 15.7%
 ROC AUC : 81.5%

Topic: 204
 Relevant Docs: 6362
 Rel Estimate: 132418
 Rel Accuracy: 4.8%
 F1: 3.1%
 F1 Estimate: 44.2%
 F1 Accuracy: 7.0%
 Best cutoff: 2544
 Cutoff Estimate: 374385
 Cutoff Accuracy: 0.7%
 Hypothetical F1: 15.4%
 ROC AUC : 79.9%

Topic: 205
 Relevant Docs: 67938
 Rel Estimate: 46207
 Rel Accuracy: 68.0%
 F1: 45.0%
 F1 Estimate: 42.7%
 F1 Accuracy: 94.7%
 Best cutoff: 83884

Cutoff Estimate: 63997
 Cutoff Accuracy: 76.3%
 Hypothetical F1: 47.2%
 ROC AUC : 81.3%

Topic: 206
 Relevant Docs: 866
 Rel Estimate: 170829
 Rel Accuracy: 0.5%
 F1: 0.3%
 F1 Estimate: 47.5%
 F1 Accuracy: 0.7%
 Best cutoff: 6206
 Cutoff Estimate: 504253
 Cutoff Accuracy: 1.2%
 Hypothetical F1: 3.4%
 ROC AUC : 83.7%

Topic: 207
 Relevant Docs: 20929
 Rel Estimate: 292121
 Rel Accuracy: 7.2%
 F1: 7.9%
 F1 Estimate: 71.2%
 F1 Accuracy: 11.1%
 Best cutoff: 15466
 Cutoff Estimate: 474534
 Cutoff Accuracy: 3.3%
 Hypothetical F1: 81.8%
 ROC AUC : 87.4%

Legal track learning task results

Backstop LLP and Cleary Gottlieb Steen and Hamilton LLP

BckExtA

==== Topic 200 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	8 (0.003)	2 (0.000)	7 (0.000)	3 (0.000)
20 (0.000)	16 (0.006)	4 (0.000)	14 (0.000)	6 (0.000)
50 (0.000)	42 (0.017)	8 (0.000)	32 (0.000)	18 (0.000)
100 (0.000)	78 (0.031)	22 (0.000)	63 (0.000)	37 (0.000)
200 (0.000)	139 (0.055)	61 (0.000)	122 (0.000)	78 (0.000)
500 (0.001)	204 (0.080)	296 (0.000)	295 (0.001)	205 (0.000)
1000 (0.001)	278 (0.109)	722 (0.001)	581 (0.002)	419 (0.001)
2000 (0.003)	422 (0.166)	1578 (0.002)	1145 (0.005)	855 (0.002)
5000 (0.007)	477 (0.187)	4523 (0.007)	2814 (0.011)	2186 (0.005)
20000 (0.029)	787 (0.309)	19213 (0.028)	10989 (0.045)	9011 (0.020)
50000 (0.073)	879 (0.345)	49121 (0.072)	27092 (0.110)	22908 (0.052)
100000 (0.146)	1044 (0.410)	98956 (0.145)	53598 (0.218)	46402 (0.105)
200000 (0.292)	2008 (0.789)	197992 (0.290)	105690 (0.431)	94310 (0.214)
500000 (0.729)	2359 (0.927)	497641 (0.729)	236407 (0.963)	263593 (0.599)
685592 (1.000)	2544 (1.000)	683048 (1.000)	245434 (1.000)	440158 (1.000)

==== 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)	11 (0.006)	9 (0.000)	19 (0.000)	1 (0.000)
50 (0.000)	21 (0.011)	29 (0.000)	47 (0.000)	3 (0.000)
100 (0.000)	47 (0.025)	53 (0.000)	92 (0.000)	8 (0.000)
200 (0.000)	69 (0.037)	131 (0.000)	176 (0.001)	24 (0.000)
500 (0.001)	193 (0.103)	307 (0.000)	403 (0.002)	97 (0.000)
1000 (0.001)	261 (0.139)	739 (0.001)	754 (0.004)	246 (0.000)
2000 (0.003)	658 (0.349)	1342 (0.002)	1399 (0.007)	601 (0.001)
5000 (0.007)	1046 (0.555)	3954 (0.006)	3134 (0.016)	1866 (0.004)
20000 (0.029)	1202 (0.637)	18798 (0.027)	10942 (0.057)	9058 (0.018)
50000 (0.073)	1315 (0.697)	48685 (0.071)	25085 (0.131)	24915 (0.050)
100000 (0.146)	1384 (0.734)	98616 (0.144)	46708 (0.243)	53292 (0.108)
200000 (0.292)	1396 (0.740)	198604 (0.290)	87690 (0.457)	112310 (0.227)
500000 (0.729)	1842 (0.977)	498158 (0.729)	187256 (0.976)	312744 (0.633)
685592 (1.000)	1886 (1.000)	683706 (1.000)	191846 (1.000)	493746 (1.000)

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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)	18 (0.003)	2 (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)	97 (0.015)	3 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	184 (0.029)	16 (0.000)	200 (0.001)	0 (0.000)
500 (0.001)	477 (0.076)	23 (0.000)	500 (0.002)	0 (0.000)
1000 (0.001)	967 (0.153)	33 (0.000)	1000 (0.004)	0 (0.000)
2000 (0.003)	1796 (0.285)	204 (0.000)	1967 (0.008)	33 (0.000)
5000 (0.007)	2853 (0.452)	2147 (0.003)	3997 (0.016)	1003 (0.002)
20000 (0.029)	3404 (0.539)	16596 (0.024)	12488 (0.051)	7512 (0.017)
50000 (0.073)	4281 (0.678)	45719 (0.067)	27925 (0.114)	22075 (0.050)
100000 (0.146)	4426 (0.701)	95574 (0.141)	52312 (0.213)	47688 (0.108)
200000 (0.292)	4756 (0.754)	195244 (0.287)	99487 (0.405)	100513 (0.228)
500000 (0.729)	6269 (0.993)	493731 (0.727)	224771 (0.916)	275229 (0.625)
685592 (1.000)	6312 (1.000)	679280 (1.000)	245497 (1.000)	440095 (1.000)

==== Topic 203 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	0 (0.000)	10 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	0 (0.000)	20 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	0 (0.000)	50 (0.000)	50 (0.000)	0 (0.000)
100 (0.000)	2 (0.001)	98 (0.000)	100 (0.001)	0 (0.000)
200 (0.000)	2 (0.001)	198 (0.000)	200 (0.001)	0 (0.000)
500 (0.001)	2 (0.001)	498 (0.001)	500 (0.003)	0 (0.000)
1000 (0.001)	2 (0.001)	998 (0.001)	1000 (0.005)	0 (0.000)
2000 (0.003)	2 (0.001)	1998 (0.003)	2000 (0.010)	0 (0.000)
5000 (0.007)	2 (0.001)	4998 (0.007)	5000 (0.025)	0 (0.000)
20000 (0.029)	1694 (0.542)	18306 (0.027)	15628 (0.078)	4372 (0.009)
50000 (0.073)	1883 (0.603)	48117 (0.071)	29400 (0.147)	20600 (0.042)
100000 (0.146)	1872 (0.599)	98128 (0.144)	51126 (0.256)	48874 (0.101)
200000 (0.292)	2230 (0.714)	197770 (0.290)	92567 (0.464)	107433 (0.221)
500000 (0.729)	2997 (0.959)	497003 (0.728)	191927 (0.962)	308073 (0.634)
685592 (1.000)	3125 (1.000)	682467 (1.000)	199518 (1.000)	486074 (1.000)

==== Topic 204 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	7 (0.001)	3 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	12 (0.002)	8 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	22 (0.003)	28 (0.000)	39 (0.000)	11 (0.000)

100 (0.000)	47 (0.007)	53 (0.000)	68 (0.001)	32 (0.000)
200 (0.000)	106 (0.017)	94 (0.000)	120 (0.001)	80 (0.000)
500 (0.001)	256 (0.040)	244 (0.000)	262 (0.002)	238 (0.000)
1000 (0.001)	359 (0.056)	641 (0.001)	483 (0.004)	517 (0.001)
2000 (0.003)	575 (0.090)	1425 (0.002)	908 (0.007)	1092 (0.002)
5000 (0.007)	706 (0.111)	4294 (0.006)	2121 (0.016)	2879 (0.005)
20000 (0.029)	935 (0.147)	19065 (0.028)	7701 (0.058)	12299 (0.022)
50000 (0.073)	2655 (0.417)	47345 (0.070)	17953 (0.136)	32047 (0.058)
100000 (0.146)	4124 (0.648)	95876 (0.141)	33991 (0.257)	66009 (0.119)
200000 (0.292)	4292 (0.675)	195708 (0.288)	64366 (0.486)	135634 (0.245)
500000 (0.729)	6227 (0.979)	493773 (0.727)	130919 (0.989)	369081 (0.667)
685592 (1.000)	6362 (1.000)	679230 (1.000)	132418 (1.000)	553174 (1.000)

==== Topic 205 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	7 (0.000)	3 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	14 (0.000)	6 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	38 (0.001)	12 (0.000)	50 (0.001)	0 (0.000)
100 (0.000)	75 (0.001)	25 (0.000)	100 (0.002)	0 (0.000)
200 (0.000)	149 (0.002)	51 (0.000)	200 (0.004)	0 (0.000)
500 (0.001)	447 (0.007)	53 (0.000)	458 (0.010)	42 (0.000)
1000 (0.001)	907 (0.013)	93 (0.000)	863 (0.019)	137 (0.000)
2000 (0.003)	1824 (0.027)	176 (0.000)	1614 (0.035)	386 (0.001)
5000 (0.007)	4651 (0.068)	349 (0.001)	3646 (0.079)	1354 (0.002)
20000 (0.029)	17107 (0.252)	2893 (0.005)	11083 (0.240)	8917 (0.014)
50000 (0.073)	25740 (0.379)	24260 (0.039)	20283 (0.439)	29717 (0.046)
100000 (0.146)	38615 (0.568)	61385 (0.099)	30031 (0.650)	69969 (0.109)
200000 (0.292)	51213 (0.754)	148787 (0.241)	40893 (0.885)	159107 (0.249)
500000 (0.729)	62750 (0.924)	437250 (0.708)	46188 (1.000)	453812 (0.710)
685592 (1.000)	67938 (1.000)	617654 (1.000)	46207 (1.000)	639385 (1.000)

==== Topic 206 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	2 (0.002)	8 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	2 (0.002)	18 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	2 (0.002)	48 (0.000)	46 (0.000)	4 (0.000)
100 (0.000)	2 (0.002)	98 (0.000)	83 (0.000)	17 (0.000)
200 (0.000)	2 (0.002)	198 (0.000)	146 (0.001)	54 (0.000)
500 (0.001)	2 (0.002)	498 (0.001)	297 (0.002)	203 (0.000)
1000 (0.001)	3 (0.003)	997 (0.001)	529 (0.003)	471 (0.001)
2000 (0.003)	21 (0.024)	1979 (0.003)	975 (0.006)	1025 (0.002)
5000 (0.007)	45 (0.052)	4955 (0.007)	2243 (0.013)	2757 (0.005)
20000 (0.029)	224 (0.259)	19776 (0.029)	8077 (0.047)	11923 (0.023)
50000 (0.073)	328 (0.378)	49672 (0.073)	19063 (0.112)	30937 (0.060)
100000 (0.146)	530 (0.612)	99470 (0.145)	36742 (0.215)	63258 (0.123)
200000 (0.292)	736 (0.850)	199264 (0.291)	70544 (0.413)	129456 (0.251)
500000 (0.729)	869 (1.003)	499131 (0.729)	159272 (0.932)	340728 (0.662)
685592 (1.000)	866 (1.000)	684726 (1.000)	170829 (1.000)	514763 (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)	20 (0.001)	0 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	50 (0.002)	0 (0.000)	50 (0.000)	0 (0.000)
100 (0.000)	99 (0.005)	1 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	190 (0.009)	10 (0.000)	200 (0.001)	0 (0.000)
500 (0.001)	479 (0.023)	21 (0.000)	500 (0.002)	0 (0.000)
1000 (0.001)	975 (0.047)	25 (0.000)	1000 (0.003)	0 (0.000)
2000 (0.003)	1974 (0.094)	26 (0.000)	2000 (0.007)	0 (0.000)
5000 (0.007)	4972 (0.238)	28 (0.000)	5000 (0.017)	0 (0.000)
20000 (0.029)	15045 (0.719)	4955 (0.007)	17982 (0.062)	2018 (0.005)
50000 (0.073)	15360 (0.734)	34640 (0.052)	36572 (0.125)	13428 (0.034)
100000 (0.146)	15299 (0.731)	84701 (0.127)	67170 (0.230)	32830 (0.083)
200000 (0.292)	16931 (0.809)	183069 (0.275)	127241 (0.436)	72759 (0.185)
500000 (0.729)	19642 (0.939)	480358 (0.723)	280949 (0.962)	219051 (0.557)
685592 (1.000)	20929 (1.000)	664663 (1.000)	292121 (1.000)	393471 (1.000)