

Topic: 200  
 Relevant Docs: 2544  
 Rel Estimate: 276947  
 Rel Accuracy: 0.9%  
 F1: 1.0%  
 F1 Estimate: 68.5%  
 F1 Accuracy: 1.5%  
 Best cutoff: 1379  
 Cutoff Estimate: 460860  
 Cutoff Accuracy: 0.3%  
 Hypothetical F1: 24.8%  
 ROC AUC : 74.5%

Topic: 201  
 Relevant Docs: 1886  
 Rel Estimate: 151202  
 Rel Accuracy: 1.2%  
 F1: 0.8%  
 F1 Estimate: 45.3%  
 F1 Accuracy: 1.8%  
 Best cutoff: 3065  
 Cutoff Estimate: 437732  
 Cutoff Accuracy: 0.7%  
 Hypothetical F1: 43.0%  
 ROC AUC : 84.3%

Topic: 202  
 Relevant Docs: 6312  
 Rel Estimate: 249061  
 Rel Accuracy: 2.5%  
 F1: 2.4%  
 F1 Estimate: 60.8%  
 F1 Accuracy: 3.9%  
 Best cutoff: 3006  
 Cutoff Estimate: 519721  
 Cutoff Accuracy: 0.6%  
 Hypothetical F1: 53.3%  
 ROC AUC : 82.0%

Topic: 203  
 Relevant Docs: 3125  
 Rel Estimate: 106608  
 Rel Accuracy: 2.9%  
 F1: 1.5%  
 F1 Estimate: 36.0%  
 F1 Accuracy: 4.0%  
 Best cutoff: 4886  
 Cutoff Estimate: 378179  
 Cutoff Accuracy: 1.3%  
 Hypothetical F1: 39.4%  
 ROC AUC : 89.5%

Topic: 204  
 Relevant Docs: 6362  
 Rel Estimate: 212862  
 Rel Accuracy: 3.0%  
 F1: 2.9%  
 F1 Estimate: 62.6%  
 F1 Accuracy: 4.6%  
 Best cutoff: 13079  
 Cutoff Estimate: 394223  
 Cutoff Accuracy: 3.3%  
 Hypothetical F1: 7.0%  
 ROC AUC : 68.1%

Topic: 205  
 Relevant Docs: 67938  
 Rel Estimate: 45344  
 Rel Accuracy: 66.7%  
 F1: 44.4%  
 F1 Estimate: 50.6%  
 F1 Accuracy: 87.9%  
 Best cutoff: 86114

Cutoff Estimate: 66010  
 Cutoff Accuracy: 76.7%  
 Hypothetical F1: 46.1%  
 ROC AUC : 80.2%

Topic: 206  
 Relevant Docs: 866  
 Rel Estimate: 308248  
 Rel Accuracy: 0.3%  
 F1: 0.3%  
 F1 Estimate: 68.1%  
 F1 Accuracy: 0.4%  
 Best cutoff: 4148  
 Cutoff Estimate: 572492  
 Cutoff Accuracy: 0.7%  
 Hypothetical F1: 11.6%  
 ROC AUC : 84.3%

Topic: 207  
 Relevant Docs: 20929  
 Rel Estimate: 284746  
 Rel Accuracy: 7.4%  
 F1: 2.1%  
 F1 Estimate: 70.4%  
 F1 Accuracy: 2.9%  
 Best cutoff: 551666  
 Cutoff Estimate: 478441  
 Cutoff Accuracy: 86.7%  
 Hypothetical F1: 6.7%  
 ROC AUC : 31.7%

Legal track learning task results

Backstop LLP and Cleary Gottlieb Steen and Hamilton LLP

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==== Topic 200 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.004)	1 (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)	33 (0.000)	17 (0.000)
100 (0.000)	85 (0.033)	15 (0.000)	64 (0.000)	36 (0.000)
200 (0.000)	134 (0.053)	66 (0.000)	126 (0.000)	74 (0.000)
500 (0.001)	216 (0.085)	284 (0.000)	307 (0.001)	193 (0.000)
1000 (0.001)	258 (0.102)	742 (0.001)	606 (0.002)	394 (0.001)
2000 (0.003)	378 (0.149)	1622 (0.002)	1200 (0.004)	800 (0.002)
5000 (0.007)	484 (0.190)	4516 (0.007)	2966 (0.011)	2034 (0.005)
20000 (0.029)	520 (0.205)	19480 (0.029)	11703 (0.042)	8297 (0.020)
50000 (0.073)	817 (0.321)	49183 (0.072)	29006 (0.105)	20994 (0.051)
100000 (0.146)	1040 (0.409)	98960 (0.145)	57549 (0.208)	42451 (0.104)
200000 (0.292)	1122 (0.441)	198878 (0.291)	113740 (0.411)	86260 (0.211)
500000 (0.729)	2413 (0.949)	497587 (0.728)	263616 (0.952)	236384 (0.578)
685592 (1.000)	2544 (1.000)	683048 (1.000)	276947 (1.000)	408645 (1.000)

==== Topic 201 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	3 (0.002)	7 (0.000)	8 (0.000)	2 (0.000)
20 (0.000)	5 (0.003)	15 (0.000)	15 (0.000)	5 (0.000)
50 (0.000)	14 (0.007)	36 (0.000)	37 (0.000)	13 (0.000)
100 (0.000)	33 (0.017)	67 (0.000)	73 (0.000)	27 (0.000)
200 (0.000)	86 (0.046)	114 (0.000)	143 (0.001)	57 (0.000)
500 (0.001)	189 (0.100)	311 (0.000)	334 (0.002)	166 (0.000)
1000 (0.001)	248 (0.132)	752 (0.001)	633 (0.004)	367 (0.001)
2000 (0.003)	599 (0.318)	1401 (0.002)	1189 (0.008)	811 (0.002)
5000 (0.007)	898 (0.476)	4102 (0.006)	2715 (0.018)	2285 (0.004)
20000 (0.029)	1149 (0.609)	18851 (0.028)	9195 (0.061)	10805 (0.020)
50000 (0.073)	1297 (0.688)	48703 (0.071)	20325 (0.134)	29675 (0.056)
100000 (0.146)	1368 (0.725)	98632 (0.144)	36999 (0.245)	63001 (0.118)
200000 (0.292)	1412 (0.749)	198588 (0.290)	68199 (0.451)	131801 (0.247)
500000 (0.729)	1843 (0.977)	498157 (0.729)	145446 (0.962)	354554 (0.663)
685592 (1.000)	1886 (1.000)	683706 (1.000)	151202 (1.000)	534390 (1.000)

==== Topic 202 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.001)	1 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	19 (0.003)	1 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	49 (0.008)	1 (0.000)	50 (0.000)	0 (0.000)
100 (0.000)	99 (0.016)	1 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	199 (0.032)	1 (0.000)	200 (0.001)	0 (0.000)
500 (0.001)	498 (0.079)	2 (0.000)	500 (0.002)	0 (0.000)
1000 (0.001)	968 (0.153)	32 (0.000)	988 (0.004)	12 (0.000)
2000 (0.003)	1891 (0.300)	109 (0.000)	1893 (0.008)	107 (0.000)
5000 (0.007)	2618 (0.415)	2382 (0.004)	3870 (0.016)	1130 (0.003)
20000 (0.029)	3417 (0.541)	16583 (0.024)	12429 (0.050)	7571 (0.017)
50000 (0.073)	4028 (0.638)	45972 (0.068)	28194 (0.113)	21806 (0.050)
100000 (0.146)	4594 (0.728)	95406 (0.140)	52789 (0.212)	47211 (0.108)
200000 (0.292)	4778 (0.757)	195222 (0.287)	99593 (0.400)	100407 (0.230)
500000 (0.729)	6300 (0.998)	493700 (0.727)	227164 (0.912)	272836 (0.625)
685592 (1.000)	6312 (1.000)	679280 (1.000)	249061 (1.000)	436531 (1.000)

==== Topic 203 ====

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)	15 (0.005)	5 (0.000)	14 (0.000)	6 (0.000)
50 (0.000)	39 (0.012)	11 (0.000)	33 (0.000)	17 (0.000)
100 (0.000)	80 (0.026)	20 (0.000)	61 (0.001)	39 (0.000)
200 (0.000)	158 (0.050)	42 (0.000)	115 (0.001)	85 (0.000)
500 (0.001)	336 (0.108)	164 (0.000)	270 (0.003)	230 (0.000)
1000 (0.001)	460 (0.147)	540 (0.001)	523 (0.005)	477 (0.001)
2000 (0.003)	537 (0.172)	1463 (0.002)	995 (0.009)	1005 (0.002)
5000 (0.007)	1528 (0.489)	3472 (0.005)	2194 (0.021)	2806 (0.005)
20000 (0.029)	2185 (0.699)	17815 (0.026)	7041 (0.066)	12959 (0.022)
50000 (0.073)	2380 (0.762)	47620 (0.070)	15461 (0.145)	34539 (0.060)
100000 (0.146)	2762 (0.884)	97238 (0.142)	28119 (0.264)	71881 (0.124)
200000 (0.292)	2669 (0.854)	197331 (0.289)	51302 (0.481)	148698 (0.257)
500000 (0.729)	3015 (0.965)	496985 (0.728)	103312 (0.969)	396688 (0.685)
685592 (1.000)	3125 (1.000)	682467 (1.000)	106608 (1.000)	578984 (1.000)

==== Topic 204 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	6 (0.001)	4 (0.000)	6 (0.000)	4 (0.000)
20 (0.000)	15 (0.002)	5 (0.000)	12 (0.000)	8 (0.000)
50 (0.000)	37 (0.006)	13 (0.000)	30 (0.000)	20 (0.000)

100 (0.000)	62 (0.010)	38 (0.000)	58 (0.000)	42 (0.000)
200 (0.000)	112 (0.018)	88 (0.000)	112 (0.001)	88 (0.000)
500 (0.001)	161 (0.025)	339 (0.000)	272 (0.001)	228 (0.000)
1000 (0.001)	162 (0.026)	838 (0.001)	537 (0.003)	463 (0.001)
2000 (0.003)	186 (0.029)	1814 (0.003)	1063 (0.005)	937 (0.002)
5000 (0.007)	277 (0.044)	4723 (0.007)	2627 (0.012)	2373 (0.005)
20000 (0.029)	708 (0.111)	19292 (0.028)	10377 (0.049)	9623 (0.020)
50000 (0.073)	875 (0.138)	49125 (0.072)	25794 (0.121)	24206 (0.051)
100000 (0.146)	1949 (0.306)	98051 (0.144)	51385 (0.241)	48615 (0.103)
200000 (0.292)	2701 (0.425)	197299 (0.290)	102310 (0.481)	97690 (0.207)
500000 (0.729)	6195 (0.974)	493805 (0.727)	210673 (0.990)	289327 (0.612)
685592 (1.000)	6362 (1.000)	679230 (1.000)	212862 (1.000)	472730 (1.000)

==== Topic 205 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	10 (0.000)	0 (0.000)	8 (0.000)	2 (0.000)
20 (0.000)	19 (0.000)	1 (0.000)	15 (0.000)	5 (0.000)
50 (0.000)	48 (0.001)	2 (0.000)	38 (0.001)	12 (0.000)
100 (0.000)	97 (0.001)	3 (0.000)	75 (0.002)	25 (0.000)
200 (0.000)	197 (0.003)	3 (0.000)	148 (0.003)	52 (0.000)
500 (0.001)	461 (0.007)	39 (0.000)	364 (0.008)	136 (0.000)
1000 (0.001)	896 (0.013)	104 (0.000)	715 (0.016)	285 (0.000)
2000 (0.003)	1854 (0.027)	146 (0.000)	1401 (0.031)	599 (0.001)
5000 (0.007)	4594 (0.068)	406 (0.001)	3340 (0.074)	1660 (0.003)
20000 (0.029)	15821 (0.233)	4179 (0.007)	11672 (0.257)	8328 (0.013)
50000 (0.073)	24813 (0.365)	25187 (0.041)	23649 (0.522)	26351 (0.041)
100000 (0.146)	38105 (0.561)	61895 (0.100)	35139 (0.775)	64861 (0.101)
200000 (0.292)	52852 (0.778)	147148 (0.238)	44172 (0.974)	155828 (0.243)
500000 (0.729)	63107 (0.929)	436893 (0.707)	45326 (1.000)	454674 (0.710)
685592 (1.000)	67938 (1.000)	617654 (1.000)	45344 (1.000)	640248 (1.000)

==== Topic 206 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	1 (0.001)	9 (0.000)	6 (0.000)	4 (0.000)
20 (0.000)	5 (0.006)	15 (0.000)	11 (0.000)	9 (0.000)
50 (0.000)	25 (0.029)	25 (0.000)	28 (0.000)	22 (0.000)
100 (0.000)	27 (0.031)	73 (0.000)	56 (0.000)	44 (0.000)
200 (0.000)	27 (0.031)	173 (0.000)	111 (0.000)	89 (0.000)
500 (0.001)	27 (0.031)	473 (0.001)	276 (0.001)	224 (0.001)
1000 (0.001)	62 (0.071)	938 (0.001)	550 (0.002)	450 (0.001)
2000 (0.003)	92 (0.106)	1908 (0.003)	1094 (0.004)	906 (0.002)
5000 (0.007)	312 (0.360)	4688 (0.007)	2713 (0.009)	2287 (0.006)
20000 (0.029)	387 (0.447)	19613 (0.029)	10750 (0.035)	9250 (0.025)
50000 (0.073)	425 (0.490)	49575 (0.072)	26739 (0.087)	23261 (0.062)
100000 (0.146)	522 (0.603)	99478 (0.145)	53264 (0.173)	46736 (0.124)
200000 (0.292)	546 (0.631)	199454 (0.291)	106137 (0.344)	93863 (0.249)
500000 (0.729)	867 (1.001)	499133 (0.729)	263801 (0.856)	236199 (0.626)
685592 (1.000)	866 (1.000)	684726 (1.000)	308248 (1.000)	377344 (1.000)

==== Topic 207 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	10 (0.000)	0 (0.000)	7 (0.000)	3 (0.000)
20 (0.000)	20 (0.001)	0 (0.000)	14 (0.000)	6 (0.000)
50 (0.000)	43 (0.002)	7 (0.000)	34 (0.000)	16 (0.000)
100 (0.000)	78 (0.004)	22 (0.000)	67 (0.000)	33 (0.000)
200 (0.000)	135 (0.006)	65 (0.000)	134 (0.000)	66 (0.000)
500 (0.001)	253 (0.012)	247 (0.000)	331 (0.001)	169 (0.000)
1000 (0.001)	358 (0.017)	642 (0.001)	653 (0.002)	347 (0.001)
2000 (0.003)	559 (0.027)	1441 (0.002)	1290 (0.005)	710 (0.002)
5000 (0.007)	600 (0.029)	4400 (0.007)	3191 (0.011)	1809 (0.005)
20000 (0.029)	663 (0.032)	19337 (0.029)	12629 (0.044)	7371 (0.018)
50000 (0.073)	878 (0.042)	49122 (0.074)	31357 (0.110)	18643 (0.047)
100000 (0.146)	1870 (0.089)	98130 (0.148)	62260 (0.219)	37740 (0.094)
200000 (0.292)	2454 (0.117)	197546 (0.297)	122753 (0.431)	77247 (0.193)
500000 (0.729)	5156 (0.246)	494844 (0.745)	275525 (0.968)	224475 (0.560)
685592 (1.000)	20929 (1.000)	664663 (1.000)	284746 (1.000)	400846 (1.000)