

Topic: 200
Relevant Docs: 2544
Rel Estimate: 16486
Rel Accuracy: 15.4%
F1: 5.7%
F1 Estimate: 47.9%
F1 Accuracy: 12.0%
Best cutoff: 3591
Cutoff Estimate: 13712
Cutoff Accuracy: 26.2%
Hypothetical F1: 8.9%
ROC AUC : 82.7%

Topic: 201
Relevant Docs: 1886
Rel Estimate: 10414
Rel Accuracy: 18.1%
F1: 6.0%
F1 Estimate: 82.9%
F1 Accuracy: 7.2%
Best cutoff: 1089
Cutoff Estimate: 8872
Cutoff Accuracy: 12.3%
Hypothetical F1: 11.6%
ROC AUC : 90.4%

Topic: 202
Relevant Docs: 6312
Rel Estimate: 930
Rel Accuracy: 14.7%
F1: 25.6%
F1 Estimate: 92.6%
F1 Accuracy: 27.7%
Best cutoff: 2484
Cutoff Estimate: 976
Cutoff Accuracy: 39.3%
Hypothetical F1: 32.1%
ROC AUC : 81.0%

Topic: 203
Relevant Docs: 3125
Rel Estimate: 716
Rel Accuracy: 22.9%
F1: 16.6%
F1 Estimate: 51.3%
F1 Accuracy: 32.4%
Best cutoff: 4904
Cutoff Estimate: 1384
Cutoff Accuracy: 28.2%
Hypothetical F1: 24.2%
ROC AUC : 92.9%

Topic: 204
Relevant Docs: 6362
Rel Estimate: 6323
Rel Accuracy: 99.4%
F1: 4.4%
F1 Estimate: 72.2%
F1 Accuracy: 6.0%
Best cutoff: 83388
Cutoff Estimate: 8836
Cutoff Accuracy: 10.6%
Hypothetical F1: 8.2%
ROC AUC : 86.8%

Topic: 205
Relevant Docs: 67938
Rel Estimate: 11128
Rel Accuracy: 16.4%
F1: 20.9%
F1 Estimate: 70.5%
F1 Accuracy: 29.6%
Best cutoff: 74531

Cutoff Estimate: 11203
Cutoff Accuracy: 15.0%
Hypothetical F1: 51.4%
ROC AUC : 87.3%

Topic: 206
Relevant Docs: 866
Rel Estimate: 1119
Rel Accuracy: 77.4%
F1: 4.8%
F1 Estimate: 43.6%
F1 Accuracy: 11.0%
Best cutoff: 196
Cutoff Estimate: 3794
Cutoff Accuracy: 5.2%
Hypothetical F1: 7.6%
ROC AUC : 91.3%

Topic: 207
Relevant Docs: 20929
Rel Estimate: 2082
Rel Accuracy: 9.9%
F1: 12.3%
F1 Estimate: 79.5%
F1 Accuracy: 15.5%
Best cutoff: 8935
Cutoff Estimate: 1871
Cutoff Accuracy: 20.9%
Hypothetical F1: 16.7%
ROC AUC : 60.3%

Legal track learning task results

Democritus University of Thrace, Greece

DUTHsdtA

==== Topic 200 ====					100 (0.000)	48 (0.008)	52 (0.000)	68 (0.011)	32 (0.000)
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non	200 (0.000)	88 (0.014)	112 (0.000)	135 (0.021)	65 (0.000)
10 (0.000)	2 (0.001)	8 (0.000)	9 (0.001)	1 (0.000)	500 (0.001)	140 (0.022)	360 (0.001)	338 (0.053)	162 (0.000)
20 (0.000)	3 (0.001)	17 (0.000)	18 (0.001)	2 (0.000)	1000 (0.001)	151 (0.024)	849 (0.001)	676 (0.107)	324 (0.000)
50 (0.000)	7 (0.003)	43 (0.000)	46 (0.003)	4 (0.000)	2000 (0.003)	157 (0.025)	1843 (0.003)	1353 (0.214)	647 (0.001)
100 (0.000)	10 (0.004)	90 (0.000)	92 (0.006)	8 (0.000)	5000 (0.007)	183 (0.029)	4817 (0.007)	3382 (0.535)	1618 (0.002)
200 (0.000)	13 (0.005)	187 (0.000)	184 (0.011)	16 (0.000)	20000 (0.029)	426 (0.067)	19574 (0.029)	6242 (0.987)	13758 (0.020)
500 (0.001)	22 (0.009)	478 (0.001)	456 (0.028)	44 (0.000)	50000 (0.073)	1449 (0.228)	48551 (0.071)	6245 (0.988)	43755 (0.064)
1000 (0.001)	46 (0.018)	954 (0.001)	895 (0.054)	105 (0.000)	100000 (0.146)	4153 (0.653)	95847 (0.141)	6251 (0.989)	93749 (0.138)
2000 (0.003)	65 (0.026)	1935 (0.003)	1715 (0.104)	285 (0.000)	200000 (0.292)	6233 (0.980)	193767 (0.285)	6264 (0.991)	193736 (0.285)
5000 (0.007)	274 (0.108)	4726 (0.007)	3770 (0.229)	1230 (0.002)	500000 (0.729)	6448 (1.014)	493552 (0.727)	6300 (0.996)	493700 (0.727)
20000 (0.029)	449 (0.177)	19551 (0.029)	7322 (0.444)	12678 (0.019)	685592 (1.000)	6362 (1.000)	679230 (1.000)	6323 (1.000)	679269 (1.000)
50000 (0.073)	755 (0.297)	49245 (0.072)	7735 (0.469)	42265 (0.063)	==== Topic 205 ====				
100000 (0.146)	1046 (0.411)	98954 (0.145)	8423 (0.511)	91577 (0.137)	Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
200000 (0.292)	2305 (0.906)	197695 (0.289)	9800 (0.594)	190200 (0.284)	10 (0.000)	10 (0.000)	0 (0.000)	10 (0.001)	0 (0.000)
500000 (0.729)	2555 (1.004)	497445 (0.728)	13931 (0.845)	486069 (0.726)	20 (0.000)	19 (0.000)	1 (0.000)	19 (0.002)	1 (0.000)
685592 (1.000)	2544 (1.000)	683048 (1.000)	16486 (1.000)	669106 (1.000)	50 (0.000)	49 (0.001)	1 (0.000)	48 (0.004)	2 (0.000)
==== Topic 201 ====					100 (0.000)	97 (0.001)	3 (0.000)	95 (0.009)	5 (0.000)
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non	200 (0.000)	187 (0.003)	13 (0.000)	191 (0.017)	9 (0.000)
10 (0.000)	6 (0.003)	4 (0.000)	10 (0.001)	0 (0.000)	500 (0.001)	472 (0.007)	28 (0.000)	476 (0.043)	24 (0.000)
20 (0.000)	8 (0.004)	12 (0.000)	20 (0.002)	0 (0.000)	1000 (0.001)	944 (0.014)	56 (0.000)	951 (0.085)	49 (0.000)
50 (0.000)	11 (0.006)	39 (0.000)	50 (0.005)	0 (0.000)	2000 (0.003)	1879 (0.028)	121 (0.000)	1879 (0.169)	121 (0.000)
100 (0.000)	18 (0.010)	82 (0.000)	100 (0.010)	0 (0.000)	5000 (0.007)	4157 (0.061)	843 (0.001)	4426 (0.398)	574 (0.001)
200 (0.000)	35 (0.018)	165 (0.000)	200 (0.019)	0 (0.000)	20000 (0.029)	10848 (0.160)	9152 (0.015)	8622 (0.775)	11378 (0.017)
500 (0.001)	73 (0.039)	427 (0.001)	500 (0.048)	0 (0.000)	50000 (0.073)	27316 (0.402)	22684 (0.037)	8735 (0.785)	41265 (0.061)
1000 (0.001)	161 (0.085)	839 (0.001)	1000 (0.096)	0 (0.000)	100000 (0.146)	39384 (0.580)	60616 (0.098)	8923 (0.802)	91077 (0.135)
2000 (0.003)	188 (0.100)	1812 (0.003)	1999 (0.192)	1 (0.000)	200000 (0.292)	54960 (0.809)	145040 (0.235)	9299 (0.836)	190701 (0.283)
5000 (0.007)	226 (0.120)	4774 (0.007)	4979 (0.478)	21 (0.000)	500000 (0.729)	66917 (0.985)	433083 (0.701)	10429 (0.937)	489571 (0.726)
20000 (0.029)	1043 (0.553)	18957 (0.028)	8030 (0.771)	11970 (0.018)	685592 (1.000)	67938 (1.000)	617654 (1.000)	11128 (1.000)	674464 (1.000)
50000 (0.073)	1516 (0.804)	48484 (0.071)	8138 (0.781)	41862 (0.062)	==== Topic 206 ====				
100000 (0.146)	1614 (0.856)	98386 (0.144)	8317 (0.799)	91683 (0.136)	Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
200000 (0.292)	1714 (0.909)	198286 (0.290)	8675 (0.833)	191325 (0.283)	10 (0.000)	0 (0.000)	10 (0.000)	3 (0.003)	7 (0.000)
500000 (0.729)	1754 (0.930)	498246 (0.729)	9750 (0.936)	490250 (0.726)	20 (0.000)	0 (0.000)	20 (0.000)	6 (0.005)	14 (0.000)
685592 (1.000)	1886 (1.000)	683706 (1.000)	10414 (1.000)	675178 (1.000)	50 (0.000)	2 (0.002)	48 (0.000)	14 (0.013)	36 (0.000)
==== Topic 202 ====					100 (0.000)	10 (0.012)	90 (0.000)	28 (0.025)	72 (0.000)
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non	200 (0.000)	26 (0.030)	174 (0.000)	57 (0.051)	143 (0.000)
10 (0.000)	10 (0.002)	0 (0.000)	10 (0.010)	0 (0.000)	500 (0.001)	30 (0.034)	470 (0.001)	142 (0.127)	358 (0.001)
20 (0.000)	20 (0.003)	0 (0.000)	19 (0.021)	1 (0.000)	1000 (0.001)	44 (0.051)	956 (0.001)	284 (0.254)	716 (0.001)
50 (0.000)	50 (0.008)	0 (0.000)	49 (0.052)	1 (0.000)	2000 (0.003)	89 (0.102)	1911 (0.003)	568 (0.507)	1432 (0.002)
100 (0.000)	100 (0.016)	0 (0.000)	97 (0.104)	3 (0.000)	5000 (0.007)	131 (0.152)	4869 (0.007)	1112 (0.994)	3888 (0.006)
200 (0.000)	200 (0.032)	0 (0.000)	194 (0.209)	6 (0.000)	20000 (0.029)	313 (0.361)	19687 (0.029)	1112 (0.994)	18888 (0.028)
500 (0.001)	500 (0.079)	0 (0.000)	485 (0.521)	15 (0.000)	50000 (0.073)	588 (0.679)	49412 (0.072)	1112 (0.994)	48888 (0.071)
1000 (0.001)	936 (0.148)	64 (0.000)	893 (0.960)	107 (0.000)	100000 (0.146)	631 (0.729)	99369 (0.145)	1113 (0.995)	98887 (0.144)
2000 (0.003)	1195 (0.189)	805 (0.001)	923 (0.993)	1077 (0.002)	200000 (0.292)	764 (0.882)	199236 (0.291)	1114 (0.996)	198886 (0.291)
5000 (0.007)	1580 (0.250)	3420 (0.005)	923 (0.993)	4077 (0.006)	500000 (0.729)	868 (1.003)	499132 (0.729)	1117 (0.998)	498883 (0.729)
20000 (0.029)	2488 (0.394)	17512 (0.026)	924 (0.993)	19076 (0.028)	685592 (1.000)	866 (1.000)	684726 (1.000)	1119 (1.000)	684473 (1.000)
50000 (0.073)	3666 (0.581)	46334 (0.068)	924 (0.993)	49076 (0.072)	==== Topic 207 ====				
100000 (0.146)	4416 (0.700)	95584 (0.141)	924 (0.994)	99076 (0.145)	Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
200000 (0.292)	4553 (0.721)	195447 (0.288)	925 (0.995)	199075 (0.291)	10 (0.000)	10 (0.000)	0 (0.000)	10 (0.005)	0 (0.000)
500000 (0.729)	6308 (0.999)	493692 (0.727)	928 (0.998)	499072 (0.729)	20 (0.000)	19 (0.001)	1 (0.000)	20 (0.010)	0 (0.000)
685592 (1.000)	6312 (1.000)	679280 (1.000)	930 (1.000)	684662 (1.000)	50 (0.000)	49 (0.002)	1 (0.000)	50 (0.024)	0 (0.000)
==== Topic 203 ====					100 (0.000)	99 (0.005)	1 (0.000)	100 (0.048)	0 (0.000)
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non	200 (0.000)	192 (0.009)	8 (0.000)	200 (0.096)	0 (0.000)
10 (0.000)	7 (0.002)	3 (0.000)	4 (0.006)	6 (0.000)	500 (0.001)	464 (0.022)	36 (0.000)	498 (0.239)	2 (0.000)
20 (0.000)	14 (0.004)	6 (0.000)	8 (0.012)	12 (0.000)	1000 (0.001)	924 (0.044)	76 (0.000)	983 (0.472)	17 (0.000)
50 (0.000)	29 (0.009)	21 (0.000)	21 (0.029)	29 (0.000)	2000 (0.003)	1377 (0.066)	623 (0.001)	1619 (0.778)	381 (0.001)
100 (0.000)	56 (0.018)	44 (0.000)	42 (0.059)	58 (0.000)	5000 (0.007)	1966 (0.094)	3034 (0.005)	1918 (0.921)	3082 (0.005)
200 (0.000)	122 (0.039)	78 (0.000)	84 (0.118)	116 (0.000)	20000 (0.029)	2615 (0.125)	17385 (0.026)	2007 (0.964)	17993 (0.026)
500 (0.001)	242 (0.077)	258 (0.000)	211 (0.294)	289 (0.000)	50000 (0.073)	2886 (0.138)	47114 (0.071)	2010 (0.966)	47990 (0.070)
1000 (0.001)	350 (0.112)	650 (0.001)	417 (0.583)	583 (0.001)	100000 (0.146)	3419 (0.163)	96581 (0.145)	2016 (0.968)	97984 (0.143)
2000 (0.003)	470 (0.150)	1530 (0.002)	648 (0.906)	1352 (0.002)	200000 (0.292)	3920 (0.187)	196080 (0.295)	2027 (0.974)	197973 (0.290)
5000 (0.007)	967 (0.309)	4033 (0.006)	708 (0.989)	4292 (0.006)	500000 (0.729)	18336 (0.876)	481664 (0.725)	2061 (0.990)	497939 (0.729)
20000 (0.029)	1731 (0.554)	18269 (0.027)	709 (0.991)	19291 (0.028)	685592 (1.000)	20929 (1.000)	664663 (1.000)	2082 (1.000)	683510 (1.000)
50000 (0.073)	2315 (0.741)	47685 (0.070)	710 (0.991)	49290 (0.072)					
100000 (0.146)	2671 (0.855)	97329 (0.143)	710 (0.992)	99290 (0.145)					
200000 (0.292)	3047 (0.975)	196953 (0.289)	711 (0.993)	199289 (0.291)					
500000 (0.729)	3021 (0.967)	496979 (0.728)	714 (0.997)	499286 (1.729)					
685592 (1.000)	3125 (1.000)	682467 (1.000)	716 (1.000)	684876 (1.000)					
==== Topic 204 ====									
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non					
10 (0.000)	8 (0.001)	2 (0.000)	7 (0.001)	3 (0.000)					
20 (0.000)	14 (0.002)	6 (0.000)	14 (0.002)	6 (0.000)					
50 (0.000)	30 (0.005)	20 (0.000)	34 (0.005)	16 (0.000)					