

Topic: 200
 Relevant Docs: 2544
 Rel Estimate: 1915
 Rel Accuracy: 75.3%
 F1: 15.1%
 F1 Estimate: 15.2%
 F1 Accuracy: 98.8%
 Best cutoff: 943
 Cutoff Estimate: 594
 Cutoff Accuracy: 63.0%
 Hypothetical F1: 16.9%
 ROC AUC : 76.6%

Topic: 201
 Relevant Docs: 1886
 Rel Estimate: 2013
 Rel Accuracy: 93.7%
 F1: 27.0%
 F1 Estimate: 28.9%
 F1 Accuracy: 93.4%
 Best cutoff: 805
 Cutoff Estimate: 919
 Cutoff Accuracy: 87.6%
 Hypothetical F1: 28.5%
 ROC AUC : 85.6%

Topic: 202
 Relevant Docs: 6312
 Rel Estimate: 4754
 Rel Accuracy: 75.3%
 F1: 57.6%
 F1 Estimate: 63.0%
 F1 Accuracy: 91.4%
 Best cutoff: 4436
 Cutoff Estimate: 3183
 Cutoff Accuracy: 71.8%
 Hypothetical F1: 60.8%
 ROC AUC : 89.0%

Topic: 203
 Relevant Docs: 3125
 Rel Estimate: 1647
 Rel Accuracy: 52.7%
 F1: 22.0%
 F1 Estimate: 23.4%
 F1 Accuracy: 93.9%
 Best cutoff: 1894
 Cutoff Estimate: 802
 Cutoff Accuracy: 42.3%
 Hypothetical F1: 34.8%
 ROC AUC : 85.6%

Topic: 204
 Relevant Docs: 6362
 Rel Estimate: 3903
 Rel Accuracy: 61.4%
 F1: 13.4%
 F1 Estimate: 17.9%
 F1 Accuracy: 74.8%
 Best cutoff: 4069
 Cutoff Estimate: 2490
 Cutoff Accuracy: 61.2%
 Hypothetical F1: 16.9%
 ROC AUC : 56.6%

Topic: 205
 Relevant Docs: 67938
 Rel Estimate: 20221
 Rel Accuracy: 29.8%
 F1: 35.2%
 F1 Estimate: 68.1%
 F1 Accuracy: 51.6%
 Best cutoff: 29730

Cutoff Estimate: 17879
 Cutoff Accuracy: 60.1%
 Hypothetical F1: 48.3%
 ROC AUC : 73.0%

Topic: 206
 Relevant Docs: 866
 Rel Estimate: 23128
 Rel Accuracy: 3.7%
 F1: 1.8%
 F1 Estimate: 16.4%
 F1 Accuracy: 11.3%
 Best cutoff: 309
 Cutoff Estimate: 43104
 Cutoff Accuracy: 0.7%
 Hypothetical F1: 12.9%
 ROC AUC : 80.3%

Topic: 207
 Relevant Docs: 20929
 Rel Estimate: 6702
 Rel Accuracy: 32.0%
 F1: 21.4%
 F1 Estimate: 25.4%
 F1 Accuracy: 84.4%
 Best cutoff: 41151
 Cutoff Estimate: 3683
 Cutoff Accuracy: 8.9%
 Hypothetical F1: 65.0%
 ROC AUC : 89.8%

Legal track learning task results

XEROX

xrcNoRA

==== Topic 200 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	6 (0.002)	4 (0.000)	9 (0.005)	1 (0.000)
20 (0.000)	14 (0.006)	6 (0.000)	18 (0.009)	2 (0.000)
50 (0.000)	39 (0.015)	11 (0.000)	41 (0.021)	9 (0.000)
100 (0.000)	75 (0.029)	25 (0.000)	72 (0.038)	28 (0.000)
200 (0.000)	117 (0.046)	83 (0.000)	121 (0.063)	79 (0.000)
500 (0.001)	171 (0.067)	329 (0.000)	183 (0.096)	317 (0.000)
1000 (0.001)	290 (0.114)	710 (0.001)	213 (0.112)	787 (0.001)
2000 (0.003)	303 (0.119)	1697 (0.002)	248 (0.130)	1752 (0.003)
5000 (0.007)	341 (0.134)	4659 (0.007)	309 (0.162)	4691 (0.007)
20000 (0.029)	385 (0.151)	19615 (0.029)	485 (0.253)	19515 (0.029)
50000 (0.073)	655 (0.258)	49345 (0.072)	713 (0.373)	49287 (0.072)
100000 (0.146)	655 (0.258)	99345 (0.145)	992 (0.518)	99008 (0.145)
200000 (0.292)	2117 (0.832)	197883 (0.290)	1342 (0.701)	198658 (0.291)
500000 (0.729)	2384 (0.937)	497616 (0.729)	1729 (0.903)	498271 (0.729)
685592 (1.000)	2544 (1.000)	683048 (1.000)	1915 (1.000)	683677 (1.000)

==== Topic 201 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.005)	1 (0.000)	10 (0.005)	0 (0.000)
20 (0.000)	17 (0.009)	3 (0.000)	19 (0.010)	1 (0.000)
50 (0.000)	34 (0.018)	16 (0.000)	48 (0.024)	2 (0.000)
100 (0.000)	62 (0.033)	38 (0.000)	92 (0.046)	8 (0.000)
200 (0.000)	118 (0.062)	82 (0.000)	167 (0.083)	33 (0.000)
500 (0.001)	252 (0.133)	248 (0.000)	330 (0.164)	170 (0.000)
1000 (0.001)	397 (0.210)	603 (0.001)	434 (0.216)	566 (0.001)
2000 (0.003)	523 (0.277)	1477 (0.002)	517 (0.257)	1483 (0.002)
5000 (0.007)	703 (0.373)	4297 (0.006)	620 (0.308)	4380 (0.006)
20000 (0.029)	753 (0.399)	19247 (0.028)	821 (0.408)	19179 (0.028)
50000 (0.073)	1233 (0.654)	48767 (0.071)	1012 (0.503)	48988 (0.072)
100000 (0.146)	1223 (0.648)	98777 (0.144)	1169 (0.581)	98831 (0.145)
200000 (0.292)	1386 (0.735)	198614 (0.290)	1392 (0.691)	198608 (0.291)
500000 (0.729)	1819 (0.965)	498181 (0.729)	1827 (0.908)	498173 (0.729)
685592 (1.000)	1886 (1.000)	683706 (1.000)	2013 (1.000)	683579 (1.000)

==== Topic 202 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	10 (0.002)	0 (0.000)	10 (0.002)	0 (0.000)
20 (0.000)	20 (0.003)	0 (0.000)	20 (0.004)	0 (0.000)
50 (0.000)	49 (0.008)	1 (0.000)	50 (0.011)	0 (0.000)
100 (0.000)	99 (0.016)	1 (0.000)	100 (0.021)	0 (0.000)
200 (0.000)	199 (0.032)	1 (0.000)	200 (0.042)	0 (0.000)
500 (0.001)	470 (0.074)	30 (0.000)	497 (0.105)	3 (0.000)
1000 (0.001)	959 (0.152)	41 (0.000)	974 (0.205)	26 (0.000)
2000 (0.003)	1883 (0.298)	117 (0.000)	1832 (0.385)	168 (0.000)
5000 (0.007)	3336 (0.528)	1664 (0.002)	2757 (0.580)	2243 (0.003)
20000 (0.029)	4009 (0.635)	15991 (0.024)	3086 (0.649)	16914 (0.025)
50000 (0.073)	4145 (0.657)	45855 (0.068)	3343 (0.703)	46657 (0.069)
100000 (0.146)	4419 (0.700)	95581 (0.141)	3652 (0.768)	96348 (0.142)
200000 (0.292)	4803 (0.761)	195197 (0.287)	4063 (0.855)	195937 (0.288)
500000 (0.729)	6327 (1.002)	493673 (0.727)	4568 (0.961)	495432 (0.728)
685592 (1.000)	6312 (1.000)	679280 (1.000)	4754 (1.000)	680838 (1.000)

==== Topic 203 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	8 (0.003)	2 (0.000)	8 (0.005)	2 (0.000)
20 (0.000)	15 (0.005)	5 (0.000)	16 (0.010)	4 (0.000)
50 (0.000)	36 (0.012)	14 (0.000)	38 (0.023)	12 (0.000)
100 (0.000)	83 (0.027)	17 (0.000)	70 (0.043)	30 (0.000)
200 (0.000)	163 (0.052)	37 (0.000)	128 (0.078)	72 (0.000)
500 (0.001)	291 (0.093)	209 (0.000)	237 (0.144)	263 (0.000)
1000 (0.001)	527 (0.169)	473 (0.001)	305 (0.185)	695 (0.001)
2000 (0.003)	859 (0.275)	1141 (0.002)	360 (0.219)	1640 (0.002)
5000 (0.007)	1030 (0.330)	3970 (0.006)	426 (0.259)	4574 (0.007)
20000 (0.029)	1428 (0.457)	18572 (0.027)	623 (0.378)	19377 (0.028)
50000 (0.073)	1922 (0.615)	48078 (0.070)	799 (0.485)	49201 (0.072)
100000 (0.146)	2087 (0.668)	97913 (0.143)	950 (0.577)	99050 (0.145)
200000 (0.292)	2492 (0.797)	197508 (0.289)	1136 (0.690)	198864 (0.291)
500000 (0.729)	3035 (0.971)	496965 (0.728)	1462 (0.887)	498538 (0.729)
685592 (1.000)	3125 (1.000)	682467 (1.000)	1647 (1.000)	683945 (1.000)

==== Topic 204 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.001)	1 (0.000)	9 (0.002)	1 (0.000)
20 (0.000)	18 (0.003)	2 (0.000)	18 (0.005)	2 (0.000)
50 (0.000)	43 (0.007)	7 (0.000)	42 (0.011)	8 (0.000)

100 (0.000)	82 (0.013)	18 (0.000)	80 (0.021)	20 (0.000)
200 (0.000)	128 (0.020)	72 (0.000)	144 (0.037)	56 (0.000)
500 (0.001)	230 (0.036)	270 (0.000)	262 (0.067)	238 (0.000)
1000 (0.001)	430 (0.068)	570 (0.001)	378 (0.097)	622 (0.001)
2000 (0.003)	559 (0.088)	1441 (0.002)	523 (0.134)	1477 (0.002)
5000 (0.007)	896 (0.141)	4104 (0.006)	724 (0.185)	4276 (0.006)
20000 (0.029)	1192 (0.187)	18808 (0.028)	1079 (0.277)	18921 (0.028)
50000 (0.073)	1409 (0.221)	48591 (0.072)	1531 (0.392)	48469 (0.071)
100000 (0.146)	2014 (0.317)	97986 (0.144)	2009 (0.515)	97991 (0.144)
200000 (0.292)	2237 (0.352)	197763 (0.291)	2627 (0.673)	197373 (0.290)
500000 (0.729)	4682 (0.736)	495318 (0.729)	3647 (0.934)	496353 (0.728)
685592 (1.000)	6362 (1.000)	679230 (1.000)	3903 (1.000)	681689 (1.000)

==== Topic 205 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.000)	1 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	19 (0.000)	1 (0.000)	20 (0.001)	0 (0.000)
50 (0.000)	41 (0.001)	9 (0.000)	50 (0.002)	0 (0.000)
100 (0.000)	86 (0.001)	14 (0.000)	100 (0.005)	0 (0.000)
200 (0.000)	185 (0.003)	15 (0.000)	200 (0.010)	0 (0.000)
500 (0.001)	457 (0.007)	43 (0.000)	499 (0.025)	1 (0.000)
1000 (0.001)	888 (0.013)	112 (0.000)	997 (0.049)	3 (0.000)
2000 (0.003)	1856 (0.027)	144 (0.000)	1990 (0.098)	10 (0.000)
5000 (0.007)	4810 (0.071)	190 (0.000)	4884 (0.242)	116 (0.000)
20000 (0.029)	16659 (0.245)	3341 (0.005)	13633 (0.674)	6367 (0.010)
50000 (0.073)	25662 (0.378)	24338 (0.039)	17101 (0.846)	32899 (0.049)
100000 (0.146)	33553 (0.494)	66447 (0.108)	18345 (0.907)	81655 (0.123)
200000 (0.292)	39883 (0.587)	160117 (0.259)	19252 (0.952)	180748 (0.272)
500000 (0.729)	60073 (0.884)	439927 (0.712)	20034 (0.991)	479966 (0.721)
685592 (1.000)	67938 (1.000)	617654 (1.000)	20221 (1.000)	665371 (1.000)

==== Topic 206 ====

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)	19 (0.001)	1 (0.000)
50 (0.000)	2 (0.002)	48 (0.000)	47 (0.002)	3 (0.000)
100 (0.000)	33 (0.038)	67 (0.000)	87 (0.004)	13 (0.000)
200 (0.000)	35 (0.040)	165 (0.000)	140 (0.006)	60 (0.000)
500 (0.001)	73 (0.085)	427 (0.001)	258 (0.011)	242 (0.000)
1000 (0.001)	82 (0.095)	918 (0.001)	412 (0.018)	588 (0.001)
2000 (0.003)	111 (0.128)	1889 (0.003)	666 (0.029)	1334 (0.002)
5000 (0.007)	248 (0.287)	4752 (0.007)	1277 (0.055)	3723 (0.006)
20000 (0.029)	345 (0.398)	19655 (0.029)	3218 (0.139)	16782 (0.025)
50000 (0.073)	425 (0.490)	49575 (0.072)	5953 (0.257)	44047 (0.066)
100000 (0.146)	629 (0.727)	99371 (0.145)	8995 (0.389)	91005 (0.137)
200000 (0.292)	683 (0.789)	199317 (0.291)	13366 (0.578)	186634 (0.282)
500000 (0.729)	729 (0.841)	499271 (0.729)	21524 (0.931)	478476 (0.722)
685592 (1.000)	866 (1.000)	684726 (1.000)	23128 (1.000)	662464 (1.000)

==== Topic 207 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.000)	1 (0.000)	10 (0.001)	0 (0.000)
20 (0.000)	17 (0.001)	3 (0.000)	19 (0.003)	1 (0.000)
50 (0.000)	40 (0.002)	10 (0.000)	46 (0.007)	4 (0.000)
100 (0.000)	84 (0.004)	16 (0.000)	88 (0.013)	12 (0.000)
200 (0.000)	178 (0.009)	22 (0.000)	167 (0.025)	33 (0.000)
500 (0.001)	435 (0.021)	65 (0.000)	380 (0.057)	120 (0.000)
1000 (0.001)	827 (0.040)	173 (0.000)	656 (0.098)	344 (0.001)
2000 (0.003)	1573 (0.075)	427 (0.001)	1013 (0.151)	987 (0.001)
5000 (0.007)	2805 (0.134)	2195 (0.003)	1456 (0.217)	3544 (0.005)
20000 (0.029)	9531 (0.455)	10469 (0.016)	2185 (0.326)	17815 (0.026)
50000 (0.073)	18994 (0.908)	31006 (0.047)	2997 (0.447)	47003 (0.069)
100000 (0.146)	17928 (0.857)	82072 (0.123)	3783 (0.564)	96217 (0.142)
200000 (0.292)	19250 (0.920)	180750 (0.272)	4844 (0.723)	195156 (0.287)
500000 (0.729)	19026 (0.909)	480974 (0.724)	6418 (0.958)	493582 (0.727)
685592 (1.000)	20929 (1.000)	664663 (1.000)	6702 (1.000)	678890 (1.000)