

Topic: 200  
 Relevant Docs: 2544  
 Rel Estimate: 141612  
 Rel Accuracy: 1.8%  
 F1: 1.2%  
 F1 Estimate: 45.7%  
 F1 Accuracy: 2.7%  
 Best cutoff: 175873  
 Cutoff Estimate: 291895  
 Cutoff Accuracy: 60.3%  
 Hypothetical F1: 1.9%  
 ROC AUC : 68.3%

Topic: 201  
 Relevant Docs: 1886  
 Rel Estimate: 245155  
 Rel Accuracy: 0.8%  
 F1: 0.8%  
 F1 Estimate: 60.3%  
 F1 Accuracy: 1.3%  
 Best cutoff: 127812  
 Cutoff Estimate: 447533  
 Cutoff Accuracy: 28.6%  
 Hypothetical F1: 1.5%  
 ROC AUC : 73.0%

Topic: 202  
 Relevant Docs: 6312  
 Rel Estimate: 147950  
 Rel Accuracy: 4.3%  
 F1: 5.5%  
 F1 Estimate: 58.5%  
 F1 Accuracy: 9.4%  
 Best cutoff: 169557  
 Cutoff Estimate: 169290  
 Cutoff Accuracy: 99.8%  
 Hypothetical F1: 5.6%  
 ROC AUC : 77.9%

Topic: 203  
 Relevant Docs: 3125  
 Rel Estimate: 143387  
 Rel Accuracy: 2.2%  
 F1: 1.9%  
 F1 Estimate: 48.6%  
 F1 Accuracy: 4.0%  
 Best cutoff: 130473  
 Cutoff Estimate: 255853  
 Cutoff Accuracy: 51.0%  
 Hypothetical F1: 3.2%  
 ROC AUC : 79.4%

Topic: 204  
 Relevant Docs: 6362  
 Rel Estimate: 248372  
 Rel Accuracy: 2.6%  
 F1: 3.0%  
 F1 Estimate: 62.6%  
 F1 Accuracy: 4.8%  
 Best cutoff: 18476  
 Cutoff Estimate: 386066  
 Cutoff Accuracy: 4.8%  
 Hypothetical F1: 10.3%  
 ROC AUC : 78.2%

Topic: 205  
 Relevant Docs: 67938  
 Rel Estimate: 218664  
 Rel Accuracy: 31.1%  
 F1: 28.5%  
 F1 Estimate: 60.8%  
 F1 Accuracy: 46.8%  
 Best cutoff: 237672

Cutoff Estimate: 311031  
 Cutoff Accuracy: 76.4%  
 Hypothetical F1: 31.8%  
 ROC AUC : 72.7%

Topic: 206  
 Relevant Docs: 866  
 Rel Estimate: 102242  
 Rel Accuracy: 0.8%  
 F1: 1.0%  
 F1 Estimate: 41.6%  
 F1 Accuracy: 2.3%  
 Best cutoff: 1077  
 Cutoff Estimate: 160714  
 Cutoff Accuracy: 0.7%  
 Hypothetical F1: 9.0%  
 ROC AUC : 89.7%

Topic: 207  
 Relevant Docs: 20929  
 Rel Estimate: 279917  
 Rel Accuracy: 7.5%  
 F1: 11.0%  
 F1 Estimate: 67.6%  
 F1 Accuracy: 16.2%  
 Best cutoff: 90250  
 Cutoff Estimate: 350808  
 Cutoff Accuracy: 25.7%  
 Hypothetical F1: 25.6%  
 ROC AUC : 84.2%

# Legal track learning task results

# TCDI

tcd1

==== Topic 200 ====

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)	49 (0.000)	1 (0.000)
100 (0.000)	0 (0.000)	100 (0.000)	99 (0.001)	1 (0.000)
200 (0.000)	0 (0.000)	200 (0.000)	197 (0.001)	3 (0.000)
500 (0.001)	0 (0.000)	500 (0.001)	480 (0.003)	20 (0.000)
1000 (0.001)	0 (0.000)	1000 (0.001)	905 (0.006)	95 (0.000)
2000 (0.003)	1 (0.000)	1999 (0.003)	1671 (0.012)	329 (0.001)
5000 (0.007)	3 (0.001)	4997 (0.007)	3717 (0.026)	1283 (0.002)
20000 (0.029)	54 (0.021)	19946 (0.029)	11936 (0.084)	8064 (0.015)
50000 (0.073)	399 (0.157)	49601 (0.073)	25665 (0.181)	24335 (0.045)
100000 (0.146)	532 (0.209)	99468 (0.146)	44535 (0.314)	55465 (0.102)
200000 (0.292)	1709 (0.672)	198291 (0.290)	75484 (0.533)	124516 (0.229)
500000 (0.729)	2361 (0.928)	497639 (0.729)	133412 (0.942)	366588 (0.674)
685592 (1.000)	2544 (1.000)	683048 (1.000)	141612 (1.000)	543980 (1.000)

==== Topic 201 ====

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)	0 (0.000)	100 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	0 (0.000)	200 (0.000)	199 (0.001)	1 (0.000)
500 (0.001)	0 (0.000)	500 (0.001)	497 (0.002)	3 (0.000)
1000 (0.001)	0 (0.000)	1000 (0.001)	992 (0.004)	8 (0.000)
2000 (0.003)	0 (0.000)	2000 (0.003)	1973 (0.008)	27 (0.000)
5000 (0.007)	0 (0.000)	5000 (0.007)	4878 (0.020)	122 (0.000)
20000 (0.029)	24 (0.013)	19976 (0.029)	17157 (0.070)	2843 (0.006)
50000 (0.073)	300 (0.159)	49700 (0.073)	37544 (0.153)	12456 (0.028)
100000 (0.146)	662 (0.351)	99338 (0.145)	66155 (0.270)	33845 (0.077)
200000 (0.292)	1043 (0.553)	198957 (0.291)	114419 (0.467)	85581 (0.194)
500000 (0.729)	1864 (0.988)	498136 (0.729)	222996 (0.910)	277004 (0.629)
685592 (1.000)	1886 (1.000)	683706 (1.000)	245155 (1.000)	440437 (1.000)

==== Topic 202 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	0 (0.000)	10 (0.000)	33 (0.000)	-23 (-0.000)
20 (0.000)	0 (0.000)	20 (0.000)	43 (0.000)	-23 (-0.000)
50 (0.000)	1 (0.000)	49 (0.000)	71 (0.000)	-21 (-0.000)
100 (0.000)	1 (0.000)	99 (0.000)	117 (0.001)	-17 (-0.000)
200 (0.000)	1 (0.000)	199 (0.000)	207 (0.001)	-7 (-0.000)
500 (0.001)	15 (0.002)	485 (0.001)	478 (0.003)	22 (0.000)
1000 (0.001)	11 (0.002)	989 (0.001)	930 (0.006)	70 (0.000)
2000 (0.003)	11 (0.002)	1989 (0.003)	1834 (0.012)	166 (0.000)
5000 (0.007)	11 (0.002)	4989 (0.007)	4545 (0.031)	455 (0.001)
20000 (0.029)	11 (0.002)	19989 (0.029)	18023 (0.122)	1977 (0.004)
50000 (0.073)	28 (0.004)	49972 (0.074)	40360 (0.273)	9640 (0.018)
100000 (0.146)	1064 (0.169)	98936 (0.146)	67456 (0.456)	32544 (0.061)
200000 (0.292)	5362 (0.850)	194638 (0.287)	100947 (0.682)	99053 (0.184)
500000 (0.729)	6188 (0.980)	493812 (0.727)	137369 (0.928)	362631 (0.674)
685592 (1.000)	6312 (1.000)	679280 (1.000)	147950 (1.000)	537642 (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)	0 (0.000)	100 (0.000)	99 (0.001)	1 (0.000)
200 (0.000)	0 (0.000)	200 (0.000)	198 (0.001)	2 (0.000)
500 (0.001)	0 (0.000)	500 (0.001)	494 (0.003)	6 (0.000)
1000 (0.001)	0 (0.000)	1000 (0.001)	986 (0.007)	14 (0.000)
2000 (0.003)	0 (0.000)	2000 (0.003)	1969 (0.014)	31 (0.000)
5000 (0.007)	0 (0.000)	5000 (0.007)	4919 (0.034)	81 (0.000)
20000 (0.029)	1 (0.000)	19999 (0.029)	16367 (0.114)	3633 (0.007)
50000 (0.073)	374 (0.120)	49626 (0.073)	31749 (0.221)	18251 (0.034)
100000 (0.146)	1261 (0.404)	98739 (0.145)	51259 (0.357)	48741 (0.090)
200000 (0.292)	2378 (0.761)	197622 (0.290)	82454 (0.575)	117546 (0.217)
500000 (0.729)	3113 (0.996)	496887 (0.728)	136783 (0.954)	363217 (0.670)
685592 (1.000)	3125 (1.000)	682467 (1.000)	143387 (1.000)	542205 (1.000)

==== Topic 204 ====

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)	0 (0.000)	100 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	0 (0.000)	200 (0.000)	199 (0.001)	1 (0.000)
500 (0.001)	0 (0.000)	500 (0.001)	497 (0.002)	3 (0.000)
1000 (0.001)	0 (0.000)	1000 (0.001)	991 (0.004)	9 (0.000)
2000 (0.003)	0 (0.000)	2000 (0.003)	1974 (0.008)	26 (0.000)
5000 (0.007)	5 (0.001)	4995 (0.007)	4796 (0.019)	204 (0.000)
20000 (0.029)	1252 (0.197)	18748 (0.028)	17264 (0.070)	2736 (0.006)
50000 (0.073)	1472 (0.231)	48528 (0.071)	38868 (0.156)	11132 (0.025)
100000 (0.146)	2917 (0.459)	97083 (0.143)	71669 (0.289)	28331 (0.065)
200000 (0.292)	4849 (0.762)	195151 (0.287)	125429 (0.505)	74571 (0.171)
500000 (0.729)	6356 (0.999)	493644 (0.727)	227781 (0.917)	272219 (0.623)
685592 (1.000)	6362 (1.000)	679230 (1.000)	248372 (1.000)	437220 (1.000)

==== Topic 205 ====

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)	1 (0.000)	99 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	1 (0.000)	199 (0.000)	200 (0.001)	0 (0.000)
500 (0.001)	1 (0.000)	499 (0.001)	498 (0.002)	2 (0.000)
1000 (0.001)	1 (0.000)	999 (0.002)	994 (0.005)	6 (0.000)
2000 (0.003)	1 (0.000)	1999 (0.003)	1982 (0.009)	18 (0.000)
5000 (0.007)	1 (0.000)	4999 (0.008)	4935 (0.023)	65 (0.000)
20000 (0.029)	14 (0.000)	19986 (0.032)	18252 (0.083)	1748 (0.004)
50000 (0.073)	3626 (0.053)	46374 (0.075)	41537 (0.190)	8463 (0.018)
100000 (0.146)	14944 (0.220)	85056 (0.138)	72621 (0.332)	27379 (0.059)
200000 (0.292)	36213 (0.533)	163787 (0.265)	121222 (0.554)	78778 (0.169)
500000 (0.729)	66862 (0.984)	433138 (0.701)	206407 (0.944)	293593 (0.629)
685592 (1.000)	67938 (1.000)	617654 (1.000)	218664 (1.000)	466928 (1.000)

==== Topic 206 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	0 (0.000)	10 (0.000)	35 (0.000)	-25 (-0.000)
20 (0.000)	0 (0.000)	20 (0.000)	70 (0.001)	-50 (-0.000)
50 (0.000)	0 (0.000)	50 (0.000)	176 (0.002)	-126 (-0.000)
100 (0.000)	0 (0.000)	100 (0.000)	351 (0.003)	-251 (-0.000)
200 (0.000)	0 (0.000)	200 (0.000)	702 (0.007)	-502 (-0.001)
500 (0.001)	18 (0.021)	482 (0.001)	1609 (0.016)	-1109 (-0.002)
1000 (0.001)	54 (0.062)	946 (0.001)	2057 (0.020)	-1057 (-0.002)
2000 (0.003)	85 (0.098)	1915 (0.003)	2802 (0.027)	-802 (-0.001)
5000 (0.007)	83 (0.096)	4917 (0.007)	4822 (0.047)	178 (0.000)
20000 (0.029)	100 (0.115)	19900 (0.029)	12895 (0.126)	7105 (0.012)
50000 (0.073)	333 (0.385)	49667 (0.073)	25182 (0.246)	24818 (0.043)
100000 (0.146)	643 (0.742)	99357 (0.145)	40451 (0.396)	59549 (0.102)
200000 (0.292)	856 (0.988)	199144 (0.291)	62239 (0.609)	137761 (0.236)
500000 (0.729)	874 (1.009)	499126 (0.729)	97644 (0.955)	402356 (0.690)
685592 (1.000)	866 (1.000)	684726 (1.000)	102242 (1.000)	583350 (1.000)

==== Topic 207 ====

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 (0.001)	1 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	49 (0.002)	1 (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)	199 (0.010)	1 (0.000)	200 (0.001)	0 (0.000)
500 (0.001)	358 (0.017)	142 (0.000)	499 (0.002)	1 (0.000)
1000 (0.001)	610 (0.029)	390 (0.001)	999 (0.004)	1 (0.000)
2000 (0.003)	615 (0.029)	1385 (0.002)	1996 (0.007)	4 (0.000)
5000 (0.007)	620 (0.030)	4380 (0.007)	4988 (0.018)	12 (0.000)
20000 (0.029)	787 (0.038)	19213 (0.029)	19950 (0.071)	50 (0.000)
50000 (0.073)	2256 (0.108)	47744 (0.072)	49873 (0.178)	127 (0.000)
100000 (0.146)	14763 (0.705)	85237 (0.128)	92762 (0.331)	7238 (0.018)
200000 (0.292)	18301 (0.874)	181699 (0.273)	152291 (0.544)	47709 (0.118)
500000 (0.729)	20809 (0.994)	479191 (0.721)	255438 (0.913)	244562 (0.603)
685592 (1.000)	20929 (1.000)	664663 (1.000)	279917 (1.000)	405675 (1.000)