

# Legal Track results — University of Waterloo

Description	
Run ID:	UWASNA2
Run type :	automatic
Sources used:	deduped text,other
Estimate of the number of person-hours spent...	
configuring/loading:	40
searching:	0
reviewing:	0
analyzing:	8

## Topic: 401

Relevant Docs: 20017  
 Rel Estimate: 516258  
 Rel Accuracy: 3.9%  
 F1: 7.0%  
 F1 Estimate: 98.9%  
 F1 Accuracy: 7.1%  
 Best cutoff: 22269  
 Cutoff Estimate: 527983  
 Cutoff Accuracy: 4.2%  
 Hypothetical F1: 39.5%  
 ROC AUC: 75.4%

## Topic: 402

Relevant Docs: 3012  
 Rel Estimate: 427764  
 Rel Accuracy: 0.7%  
 F1: 0.9%  
 F1 Estimate: 76.8%  
 F1 Accuracy: 1.1%  
 Best cutoff: 5121  
 Cutoff Estimate: 685100  
 Cutoff Accuracy: 0.7%  
 Hypothetical F1: 19.1%  
 ROC AUC: 57.2%

## Topic: 403

Relevant Docs: 1239  
 Rel Estimate: 482021  
 Rel Accuracy: 0.3%  
 F1: 0.5%  
 F1 Estimate: 97.2%  
 F1 Accuracy: 0.5%  
 Best cutoff: 4734  
 Cutoff Estimate: 509746  
 Cutoff Accuracy: 0.9%  
 Hypothetical F1: 17.6%  
 ROC AUC: 74.2%

## ==== Topic 401 ====

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)	100 (0.005)	0 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	163 (0.008)	4 (0.000)	200 (0.000)	0 (0.000)
500 (0.001)	360 (0.018)	11 (0.000)	500 (0.001)	0 (0.000)
1000 (0.001)	499 (0.025)	42 (0.000)	1000 (0.002)	0 (0.000)
2000 (0.003)	660 (0.033)	57 (0.000)	2000 (0.004)	0 (0.000)
5000 (0.007)	1908 (0.095)	3092 (0.005)	5000 (0.010)	0 (0.000)
20000 (0.029)	6408 (0.316)	13592 (0.020)	19997 (0.039)	3 (0.000)
50000 (0.073)	9109 (0.453)	40891 (0.061)	49967 (0.097)	33 (0.000)
100000 (0.146)	8833 (0.445)	91167 (0.137)	99906 (0.194)	94 (0.001)
200000 (0.292)	13546 (0.688)	186454 (0.280)	199569 (0.387)	431 (0.003)
500000 (0.729)	17722 (0.887)	482278 (0.725)	495040 (0.959)	4960 (0.029)
685592 (1.000)	20017 (1.000)	665575 (1.000)	516258 (1.000)	169334 (1.000)

## ==== Topic 402 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	8 (0.003)	2 (0.000)	10 (0.000)	0 (0.000)
20 (0.000)	13 (0.004)	7 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	16 (0.005)	34 (0.000)	50 (0.000)	0 (0.000)
100 (0.000)	27 (0.009)	73 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	63 (0.021)	92 (0.000)	200 (0.000)	0 (0.000)
500 (0.001)	112 (0.037)	115 (0.000)	500 (0.001)	0 (0.000)
1000 (0.001)	163 (0.054)	837 (0.001)	1000 (0.002)	0 (0.000)
2000 (0.003)	228 (0.076)	1772 (0.003)	2000 (0.005)	0 (0.000)
5000 (0.007)	773 (0.246)	4227 (0.006)	4999 (0.012)	1 (0.000)
20000 (0.029)	782 (0.257)	19218 (0.028)	19886 (0.046)	114 (0.000)
50000 (0.073)	1319 (0.437)	48681 (0.071)	46013 (0.108)	3987 (0.015)
100000 (0.146)	1447 (0.476)	98553 (0.144)	81762 (0.191)	18238 (0.071)
200000 (0.292)	1410 (0.468)	198590 (0.291)	151640 (0.354)	48360 (0.188)
500000 (0.729)	2263 (0.752)	497737 (0.729)	340558 (0.796)	159442 (0.618)
685592 (1.000)	3012 (1.000)	682580 (1.000)	427764 (1.000)	257828 (1.000)

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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)	9 (0.007)	11 (0.000)	20 (0.000)	0 (0.000)
50 (0.000)	23 (0.019)	27 (0.000)	50 (0.000)	0 (0.000)
100 (0.000)	43 (0.035)	57 (0.000)	100 (0.000)	0 (0.000)
200 (0.000)	63 (0.051)	110 (0.000)	200 (0.000)	0 (0.000)
500 (0.001)	91 (0.073)	183 (0.000)	500 (0.001)	0 (0.000)
1000 (0.001)	126 (0.102)	267 (0.000)	1000 (0.002)	0 (0.000)
2000 (0.003)	167 (0.135)	1833 (0.003)	2000 (0.004)	0 (0.000)
5000 (0.007)	519 (0.434)	4481 (0.007)	4999 (0.010)	1 (0.000)
20000 (0.029)	674 (0.519)	19326 (0.028)	19962 (0.041)	38 (0.000)
50000 (0.073)	639 (0.506)	49361 (0.072)	49877 (0.103)	123 (0.001)
100000 (0.146)	664 (0.533)	99336 (0.145)	99644 (0.207)	356 (0.002)
200000 (0.292)	788 (0.633)	199212 (0.291)	197883 (0.411)	2117 (0.010)
500000 (0.729)	1207 (0.970)	498793 (0.729)	476048 (0.988)	23952 (0.118)
685593 (1.000)	1239 (1.000)	684354 (1.000)	482021 (1.000)	203572 (1.000)