

Topic: 200
 Relevant Docs: 2544
 Rel Estimate: 10990
 Rel Accuracy: 23.1%
 F1: 8.2%
 F1 Estimate: 25.2%
 F1 Accuracy: 32.7%
 Best cutoff: 2739
 Cutoff Estimate: 19097
 Cutoff Accuracy: 14.3%
 Hypothetical F1: 21.6%
 ROC AUC : 94.8%

Topic: 201
 Relevant Docs: 1886
 Rel Estimate: 5752
 Rel Accuracy: 32.8%
 F1: 6.8%
 F1 Estimate: 18.8%
 F1 Accuracy: 36.1%
 Best cutoff: 235
 Cutoff Estimate: 9305
 Cutoff Accuracy: 2.5%
 Hypothetical F1: 14.1%
 ROC AUC : 89.8%

Topic: 202
 Relevant Docs: 6312
 Rel Estimate: 7478
 Rel Accuracy: 84.4%
 F1: 33.2%
 F1 Estimate: 27.1%
 F1 Accuracy: 81.8%
 Best cutoff: 3536
 Cutoff Estimate: 9578
 Cutoff Accuracy: 36.9%
 Hypothetical F1: 40.2%
 ROC AUC : 92.0%

Topic: 203
 Relevant Docs: 3125
 Rel Estimate: 4404
 Rel Accuracy: 70.9%
 F1: 25.8%
 F1 Estimate: 16.5%
 F1 Accuracy: 63.8%
 Best cutoff: 3075
 Cutoff Estimate: 7553
 Cutoff Accuracy: 40.7%
 Hypothetical F1: 33.5%
 ROC AUC : 95.9%

Topic: 204
 Relevant Docs: 6362
 Rel Estimate: 4466
 Rel Accuracy: 70.2%
 F1: 9.5%
 F1 Estimate: 11.9%
 F1 Accuracy: 79.5%
 Best cutoff: 4749
 Cutoff Estimate: 11780
 Cutoff Accuracy: 40.3%
 Hypothetical F1: 13.3%
 ROC AUC : 80.3%

Topic: 205
 Relevant Docs: 67938
 Rel Estimate: 15743
 Rel Accuracy: 23.2%
 F1: 40.6%
 F1 Estimate: 36.9%
 F1 Accuracy: 90.8%
 Best cutoff: 99331

Cutoff Estimate: 26615
 Cutoff Accuracy: 26.8%
 Hypothetical F1: 51.2%
 ROC AUC : 86.7%

Topic: 206
 Relevant Docs: 866
 Rel Estimate: 6346
 Rel Accuracy: 13.6%
 F1: 6.2%
 F1 Estimate: 18.1%
 F1 Accuracy: 34.6%
 Best cutoff: 595
 Cutoff Estimate: 12628
 Cutoff Accuracy: 4.7%
 Hypothetical F1: 27.3%
 ROC AUC : 89.7%

Topic: 207
 Relevant Docs: 20929
 Rel Estimate: 8721
 Rel Accuracy: 41.7%
 F1: 16.9%
 F1 Estimate: 23.5%
 F1 Accuracy: 72.1%
 Best cutoff: 5553
 Cutoff Estimate: 15588
 Cutoff Accuracy: 35.6%
 Hypothetical F1: 18.6%
 ROC AUC : 47.0%

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==== Topic 200 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	7 (0.003)	3 (0.000)	8 (0.001)	2 (0.000)
20 (0.000)	15 (0.006)	5 (0.000)	15 (0.001)	5 (0.000)
50 (0.000)	39 (0.015)	11 (0.000)	38 (0.003)	12 (0.000)
100 (0.000)	75 (0.029)	25 (0.000)	75 (0.007)	25 (0.000)
200 (0.000)	120 (0.047)	80 (0.000)	150 (0.014)	50 (0.000)
500 (0.001)	174 (0.068)	326 (0.000)	263 (0.024)	237 (0.000)
1000 (0.001)	201 (0.079)	799 (0.001)	420 (0.038)	580 (0.001)
2000 (0.003)	275 (0.108)	1725 (0.003)	699 (0.064)	1301 (0.002)
5000 (0.007)	516 (0.203)	4484 (0.007)	1425 (0.130)	3575 (0.005)
20000 (0.029)	892 (0.351)	19108 (0.028)	3904 (0.355)	16096 (0.024)
50000 (0.073)	2075 (0.816)	47925 (0.070)	6560 (0.597)	43440 (0.064)
100000 (0.146)	2538 (0.998)	97462 (0.143)	8920 (0.812)	91080 (0.135)
200000 (0.292)	2490 (0.979)	197510 (0.289)	10538 (0.959)	189462 (0.281)
500000 (0.729)	2522 (0.992)	497478 (0.728)	10971 (0.998)	489029 (0.725)
685592 (1.000)	2544 (1.000)	683048 (1.000)	10990 (1.000)	674602 (1.000)
==== Topic 201 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	6 (0.003)	4 (0.000)	8 (0.001)	2 (0.000)
20 (0.000)	14 (0.007)	6 (0.000)	15 (0.003)	5 (0.000)
50 (0.000)	29 (0.015)	21 (0.000)	38 (0.007)	12 (0.000)
100 (0.000)	49 (0.026)	51 (0.000)	75 (0.013)	25 (0.000)
200 (0.000)	118 (0.063)	82 (0.000)	142 (0.025)	58 (0.000)
500 (0.001)	138 (0.073)	362 (0.001)	231 (0.040)	269 (0.000)
1000 (0.001)	180 (0.095)	820 (0.001)	349 (0.061)	651 (0.001)
2000 (0.003)	206 (0.109)	1794 (0.003)	539 (0.094)	1461 (0.002)
5000 (0.007)	282 (0.150)	4718 (0.007)	959 (0.167)	4041 (0.006)
20000 (0.029)	610 (0.323)	19390 (0.028)	2241 (0.390)	17759 (0.026)
50000 (0.073)	955 (0.507)	49045 (0.072)	3664 (0.637)	46336 (0.068)
100000 (0.146)	1404 (0.744)	98596 (0.144)	4773 (0.830)	95227 (0.140)
200000 (0.292)	1682 (0.892)	198318 (0.290)	5524 (0.960)	194476 (0.286)
500000 (0.729)	1860 (0.986)	498140 (0.729)	5734 (0.997)	494266 (0.727)
685592 (1.000)	1886 (1.000)	683706 (1.000)	5752 (1.000)	679840 (1.000)
==== Topic 202 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.001)	1 (0.000)	8 (0.001)	2 (0.000)
20 (0.000)	16 (0.003)	4 (0.000)	15 (0.002)	5 (0.000)
50 (0.000)	44 (0.007)	6 (0.000)	38 (0.005)	12 (0.000)
100 (0.000)	88 (0.014)	12 (0.000)	75 (0.010)	25 (0.000)
200 (0.000)	188 (0.030)	12 (0.000)	150 (0.020)	50 (0.000)
500 (0.001)	448 (0.071)	52 (0.000)	375 (0.050)	125 (0.000)
1000 (0.001)	837 (0.133)	163 (0.000)	747 (0.100)	253 (0.000)
2000 (0.003)	1350 (0.214)	650 (0.001)	1000 (0.134)	1000 (0.001)
5000 (0.007)	2200 (0.349)	2800 (0.004)	1608 (0.215)	3392 (0.005)
20000 (0.029)	3111 (0.493)	16889 (0.025)	3433 (0.459)	16567 (0.024)
50000 (0.073)	3994 (0.633)	46006 (0.068)	5202 (0.696)	44798 (0.066)
100000 (0.146)	4643 (0.735)	95357 (0.140)	6415 (0.858)	93585 (0.138)
200000 (0.292)	6097 (0.966)	193903 (0.285)	7221 (0.966)	192779 (0.284)
500000 (0.729)	6365 (1.008)	493635 (0.727)	7459 (0.998)	492541 (0.726)
685592 (1.000)	6312 (1.000)	679280 (1.000)	7478 (1.000)	678114 (1.000)
==== Topic 203 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	7 (0.002)	3 (0.000)	8 (0.002)	2 (0.000)
20 (0.000)	14 (0.004)	6 (0.000)	15 (0.003)	5 (0.000)
50 (0.000)	29 (0.009)	21 (0.000)	38 (0.009)	12 (0.000)
100 (0.000)	47 (0.015)	53 (0.000)	60 (0.014)	40 (0.000)
200 (0.000)	107 (0.034)	93 (0.000)	86 (0.019)	114 (0.000)
500 (0.001)	263 (0.084)	237 (0.000)	153 (0.035)	347 (0.001)
1000 (0.001)	415 (0.133)	585 (0.001)	251 (0.057)	749 (0.001)
2000 (0.003)	601 (0.192)	1399 (0.002)	411 (0.093)	1589 (0.002)
5000 (0.007)	1054 (0.337)	3946 (0.006)	758 (0.172)	4242 (0.006)
20000 (0.029)	2185 (0.699)	17815 (0.026)	1787 (0.406)	18213 (0.027)
50000 (0.073)	2730 (0.874)	47270 (0.069)	2855 (0.648)	47145 (0.069)
100000 (0.146)	2927 (0.937)	97073 (0.142)	3703 (0.841)	96297 (0.141)
200000 (0.292)	3054 (0.977)	196946 (0.289)	4248 (0.965)	195752 (0.287)
500000 (0.729)	2981 (0.954)	497019 (0.728)	4385 (0.996)	495615 (0.728)
685592 (1.000)	3125 (1.000)	682467 (1.000)	4404 (1.000)	681188 (1.000)
==== Topic 204 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	10 (0.002)	0 (0.000)	8 (0.002)	2 (0.000)
20 (0.000)	19 (0.003)	1 (0.000)	15 (0.003)	5 (0.000)
50 (0.000)	34 (0.005)	16 (0.000)	38 (0.008)	12 (0.000)

100 (0.000)	75 (0.012)	25 (0.000)	54 (0.012)	46 (0.000)
200 (0.000)	92 (0.014)	108 (0.000)	73 (0.016)	127 (0.000)
500 (0.001)	121 (0.019)	379 (0.001)	116 (0.026)	384 (0.001)
1000 (0.001)	200 (0.032)	800 (0.001)	175 (0.039)	825 (0.001)
2000 (0.003)	314 (0.049)	1686 (0.002)	276 (0.062)	1724 (0.003)
5000 (0.007)	745 (0.117)	4255 (0.006)	524 (0.117)	4476 (0.007)
20000 (0.029)	923 (0.145)	19077 (0.028)	1415 (0.317)	18585 (0.027)
50000 (0.073)	1318 (0.207)	48682 (0.072)	2518 (0.564)	47482 (0.070)
100000 (0.146)	2383 (0.375)	97617 (0.144)	3514 (0.787)	96486 (0.142)
200000 (0.292)	4374 (0.688)	195626 (0.288)	4275 (0.957)	195725 (0.287)
500000 (0.729)	6380 (1.003)	493620 (0.727)	4448 (0.996)	495552 (0.728)
685592 (1.000)	6362 (1.000)	679230 (1.000)	4466 (1.000)	681126 (1.000)
==== Topic 205 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.000)	1 (0.000)	8 (0.000)	2 (0.000)
20 (0.000)	19 (0.000)	1 (0.000)	15 (0.001)	5 (0.000)
50 (0.000)	45 (0.001)	5 (0.000)	38 (0.002)	12 (0.000)
100 (0.000)	93 (0.001)	7 (0.000)	75 (0.005)	25 (0.000)
200 (0.000)	189 (0.003)	11 (0.000)	150 (0.010)	50 (0.000)
500 (0.001)	439 (0.006)	61 (0.000)	348 (0.022)	152 (0.000)
1000 (0.001)	918 (0.014)	82 (0.000)	611 (0.039)	389 (0.001)
2000 (0.003)	1870 (0.028)	130 (0.000)	1089 (0.069)	911 (0.001)
5000 (0.007)	4532 (0.067)	468 (0.001)	2302 (0.146)	2698 (0.004)
20000 (0.029)	16712 (0.246)	3288 (0.005)	6447 (0.410)	13553 (0.020)
50000 (0.073)	26001 (0.383)	23999 (0.039)	10915 (0.693)	39085 (0.058)
100000 (0.146)	41997 (0.618)	58003 (0.094)	14068 (0.894)	85932 (0.128)
200000 (0.292)	55080 (0.811)	144920 (0.235)	15562 (0.988)	184438 (0.275)
500000 (0.729)	64716 (0.953)	435284 (0.705)	15724 (0.999)	484276 (0.723)
685592 (1.000)	67938 (1.000)	617654 (1.000)	15743 (1.000)	669849 (1.000)
==== Topic 206 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	2 (0.002)	8 (0.000)	8 (0.001)	2 (0.000)
20 (0.000)	4 (0.005)	16 (0.000)	14 (0.002)	6 (0.000)
50 (0.000)	27 (0.031)	23 (0.000)	25 (0.004)	25 (0.000)
100 (0.000)	41 (0.047)	59 (0.000)	40 (0.006)	60 (0.000)
200 (0.000)	96 (0.111)	104 (0.000)	68 (0.011)	132 (0.000)
500 (0.001)	156 (0.180)	344 (0.001)	144 (0.023)	356 (0.001)
1000 (0.001)	222 (0.256)	778 (0.001)	257 (0.041)	743 (0.001)
2000 (0.003)	273 (0.315)	1727 (0.003)	455 (0.072)	1545 (0.002)
5000 (0.007)	302 (0.348)	4698 (0.007)	907 (0.143)	4093 (0.006)
20000 (0.029)	559 (0.646)	19441 (0.028)	2321 (0.366)	17679 (0.026)
50000 (0.073)	603 (0.696)	49397 (0.072)	4020 (0.634)	45980 (0.068)
100000 (0.146)	610 (0.705)	99390 (0.145)	5321 (0.839)	94679 (0.139)
200000 (0.292)	766 (0.884)	199234 (0.291)	6136 (0.967)	193864 (0.285)
500000 (0.729)	865 (0.998)	499135 (0.729)	6327 (0.997)	493673 (0.727)
685592 (1.000)	866 (1.000)	684726 (1.000)	6346 (1.000)	679246 (1.000)
==== Topic 207 ====				
Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	8 (0.000)	2 (0.000)	8 (0.001)	2 (0.000)
20 (0.000)	17 (0.001)	3 (0.000)	15 (0.002)	5 (0.000)
50 (0.000)	44 (0.002)	6 (0.000)	38 (0.004)	12 (0.000)
100 (0.000)	82 (0.004)	18 (0.000)	69 (0.008)	31 (0.000)
200 (0.000)	181 (0.009)	19 (0.000)	108 (0.012)	92 (0.000)
500 (0.001)	465 (0.022)	35 (0.000)	207 (0.024)	293 (0.000)
1000 (0.001)	664 (0.032)	336 (0.001)	346 (0.040)	654 (0.001)
2000 (0.003)	1108 (0.053)	892 (0.001)	596 (0.068)	1404 (0.002)
5000 (0.007)	2205 (0.105)	2795 (0.004)	1254 (0.144)	3746 (0.006)
20000 (0.029)	3191 (0.152)	16809 (0.025)	3333 (0.382)	16667 (0.025)
50000 (0.073)	3615 (0.173)	46385 (0.070)	5494 (0.630)	44506 (0.066)
100000 (0.146)	3934 (0.188)	96066 (0.145)	7237 (0.830)	92763 (0.137)
200000 (0.292)	4550 (0.217)	195450 (0.294)	8430 (0.967)	191570 (0.283)
500000 (0.729)	18858 (0.901)	481142 (0.724)	8703 (0.998)	491297 (0.726)
685592 (1.000)	20929 (1.000)	664663 (1.000)	8721 (1.000)	676871 (1.000)