

Topic: 200
 Relevant Docs: 2544
 Rel Estimate: 10399
 Rel Accuracy: 24.5%
 F1: 0.9%
 F1 Estimate: 28.1%
 F1 Accuracy: 3.2%
 Best cutoff: 670
 Cutoff Estimate: 21711
 Cutoff Accuracy: 3.1%
 Hypothetical F1: 3.4%
 ROC AUC : 57.2%

Topic: 201
 Relevant Docs: 1886
 Rel Estimate: 18083
 Rel Accuracy: 10.4%
 F1: 6.0%
 F1 Estimate: 39.9%
 F1 Accuracy: 15.1%
 Best cutoff: 3540
 Cutoff Estimate: 39234
 Cutoff Accuracy: 9.0%
 Hypothetical F1: 19.5%
 ROC AUC : 89.7%

Topic: 202
 Relevant Docs: 6312
 Rel Estimate: 5388
 Rel Accuracy: 85.4%
 F1: 14.4%
 F1 Estimate: 26.4%
 F1 Accuracy: 54.6%
 Best cutoff: 10076
 Cutoff Estimate: 8299
 Cutoff Accuracy: 82.4%
 Hypothetical F1: 15.0%
 ROC AUC : 81.3%

Topic: 203
 Relevant Docs: 3125
 Rel Estimate: 22575
 Rel Accuracy: 13.8%
 F1: 7.3%
 F1 Estimate: 30.7%
 F1 Accuracy: 23.7%
 Best cutoff: 9887
 Cutoff Estimate: 44131
 Cutoff Accuracy: 22.4%
 Hypothetical F1: 11.1%
 ROC AUC : 87.1%

Topic: 204
 Relevant Docs: 6362
 Rel Estimate: 8094
 Rel Accuracy: 78.6%
 F1: 6.7%
 F1 Estimate: 24.0%
 F1 Accuracy: 27.8%
 Best cutoff: 46308
 Cutoff Estimate: 17481
 Cutoff Accuracy: 37.7%
 Hypothetical F1: 10.2%
 ROC AUC : 81.0%

Topic: 205
 Relevant Docs: 67938
 Rel Estimate: 13620
 Rel Accuracy: 20.0%
 F1: 28.5%
 F1 Estimate: 30.0%
 F1 Accuracy: 94.8%
 Best cutoff: 119099

Cutoff Estimate: 25801
 Cutoff Accuracy: 21.7%
 Hypothetical F1: 48.8%
 ROC AUC : 81.5%

Topic: 206
 Relevant Docs: 866
 Rel Estimate: 13563
 Rel Accuracy: 6.4%
 F1: 4.7%
 F1 Estimate: 35.6%
 F1 Accuracy: 13.1%
 Best cutoff: 2984
 Cutoff Estimate: 28169
 Cutoff Accuracy: 10.6%
 Hypothetical F1: 26.9%
 ROC AUC : 97.2%

Topic: 207
 Relevant Docs: 20929
 Rel Estimate: 5858
 Rel Accuracy: 28.0%
 F1: 20.6%
 F1 Estimate: 39.4%
 F1 Accuracy: 52.2%
 Best cutoff: 23654
 Cutoff Estimate: 3189
 Cutoff Accuracy: 13.5%
 Hypothetical F1: 72.6%
 ROC AUC : 92.0%

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==== Topic 200 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	1 (0.000)	9 (0.000)	5 (0.001)	5 (0.000)
20 (0.000)	1 (0.000)	19 (0.000)	10 (0.001)	10 (0.000)
50 (0.000)	3 (0.001)	47 (0.000)	23 (0.002)	27 (0.000)
100 (0.000)	10 (0.004)	90 (0.000)	44 (0.004)	56 (0.000)
200 (0.000)	15 (0.006)	185 (0.000)	83 (0.008)	117 (0.000)
500 (0.001)	16 (0.006)	484 (0.001)	186 (0.018)	314 (0.000)
1000 (0.001)	52 (0.020)	948 (0.001)	340 (0.033)	660 (0.001)
2000 (0.003)	57 (0.022)	1943 (0.003)	624 (0.060)	1376 (0.002)
5000 (0.007)	65 (0.026)	4935 (0.007)	1374 (0.132)	3626 (0.005)
20000 (0.029)	106 (0.042)	19894 (0.029)	4264 (0.410)	15736 (0.023)
50000 (0.073)	558 (0.219)	49442 (0.072)	7370 (0.709)	42630 (0.063)
100000 (0.146)	747 (0.294)	99253 (0.145)	9557 (0.919)	90443 (0.134)
200000 (0.292)	1013 (0.398)	198987 (0.291)	10350 (0.995)	189650 (0.281)
500000 (0.729)	2385 (0.938)	497615 (0.729)	10380 (0.998)	489620 (0.725)
685592 (1.000)	2544 (1.000)	683048 (1.000)	10399 (1.000)	675193 (1.000)

==== Topic 201 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	7 (0.004)	3 (0.000)	8 (0.000)	2 (0.000)
20 (0.000)	12 (0.006)	8 (0.000)	15 (0.001)	5 (0.000)
50 (0.000)	20 (0.011)	30 (0.000)	35 (0.002)	15 (0.000)
100 (0.000)	27 (0.014)	73 (0.000)	64 (0.004)	36 (0.000)
200 (0.000)	47 (0.025)	153 (0.000)	120 (0.007)	80 (0.000)
500 (0.001)	88 (0.047)	412 (0.001)	275 (0.015)	225 (0.000)
1000 (0.001)	113 (0.060)	887 (0.001)	512 (0.028)	488 (0.001)
2000 (0.003)	156 (0.083)	1844 (0.003)	947 (0.052)	1053 (0.002)
5000 (0.007)	550 (0.292)	4450 (0.007)	2113 (0.117)	2887 (0.004)
20000 (0.029)	967 (0.513)	19033 (0.028)	6827 (0.378)	13173 (0.020)
50000 (0.073)	1301 (0.690)	48699 (0.071)	13236 (0.732)	36764 (0.055)
100000 (0.146)	1636 (0.867)	98364 (0.144)	16702 (0.924)	83298 (0.125)
200000 (0.292)	1666 (0.883)	198334 (0.290)	18034 (0.997)	181966 (0.273)
500000 (0.729)	1859 (0.986)	498141 (0.729)	18064 (0.999)	481936 (0.722)
685592 (1.000)	1886 (1.000)	683706 (1.000)	18083 (1.000)	667509 (1.000)

==== Topic 202 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	7 (0.001)	3 (0.000)	7 (0.001)	3 (0.000)
20 (0.000)	10 (0.002)	10 (0.000)	14 (0.003)	6 (0.000)
50 (0.000)	18 (0.003)	32 (0.000)	31 (0.006)	19 (0.000)
100 (0.000)	25 (0.004)	75 (0.000)	56 (0.010)	44 (0.000)
200 (0.000)	35 (0.006)	165 (0.000)	101 (0.019)	99 (0.000)
500 (0.001)	40 (0.006)	460 (0.001)	218 (0.040)	282 (0.000)
1000 (0.001)	39 (0.006)	961 (0.001)	376 (0.070)	624 (0.001)
2000 (0.003)	82 (0.013)	1918 (0.003)	639 (0.119)	1361 (0.002)
5000 (0.007)	633 (0.100)	4367 (0.006)	1290 (0.239)	3710 (0.005)
20000 (0.029)	1594 (0.252)	18406 (0.027)	2974 (0.552)	17026 (0.025)
50000 (0.073)	3329 (0.527)	46671 (0.069)	4916 (0.912)	45084 (0.066)
100000 (0.146)	3820 (0.605)	96180 (0.142)	5329 (0.989)	94671 (0.139)
200000 (0.292)	4070 (0.645)	195930 (0.288)	5339 (0.991)	194661 (0.286)
500000 (0.729)	6278 (0.995)	493722 (0.727)	5369 (0.997)	494631 (0.727)
685592 (1.000)	6312 (1.000)	679280 (1.000)	5388 (1.000)	680204 (1.000)

==== Topic 203 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	0 (0.000)	10 (0.000)	6 (0.000)	4 (0.000)
20 (0.000)	1 (0.000)	19 (0.000)	12 (0.001)	8 (0.000)
50 (0.000)	6 (0.002)	44 (0.000)	27 (0.001)	23 (0.000)
100 (0.000)	9 (0.003)	91 (0.000)	52 (0.002)	48 (0.000)
200 (0.000)	9 (0.003)	191 (0.000)	98 (0.004)	102 (0.000)
500 (0.001)	32 (0.010)	468 (0.001)	227 (0.010)	273 (0.000)
1000 (0.001)	94 (0.030)	906 (0.001)	425 (0.019)	575 (0.001)
2000 (0.003)	249 (0.080)	1751 (0.003)	790 (0.035)	1210 (0.002)
5000 (0.007)	414 (0.132)	4586 (0.007)	1756 (0.078)	3244 (0.005)
20000 (0.029)	929 (0.297)	19071 (0.028)	5590 (0.248)	14410 (0.022)
50000 (0.073)	1756 (0.562)	48244 (0.071)	11087 (0.491)	38913 (0.059)
100000 (0.146)	2380 (0.762)	97620 (0.143)	16261 (0.720)	83739 (0.126)
200000 (0.292)	2604 (0.834)	197396 (0.289)	21477 (0.951)	178523 (0.269)
500000 (0.729)	3000 (0.960)	497000 (0.728)	22556 (0.999)	477444 (0.720)
685592 (1.000)	3125 (1.000)	682467 (1.000)	22575 (1.000)	663017 (1.000)

==== Topic 204 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	8 (0.001)	2 (0.000)	4 (0.001)	6 (0.000)
20 (0.000)	18 (0.003)	2 (0.000)	8 (0.001)	12 (0.000)
50 (0.000)	33 (0.005)	17 (0.000)	19 (0.002)	31 (0.000)

100 (0.000)	54 (0.008)	46 (0.000)	35 (0.004)	65 (0.000)
200 (0.000)	80 (0.013)	120 (0.000)	65 (0.008)	135 (0.000)
500 (0.001)	126 (0.020)	374 (0.001)	145 (0.018)	355 (0.001)
1000 (0.001)	195 (0.031)	805 (0.001)	269 (0.033)	731 (0.001)
2000 (0.003)	236 (0.037)	1764 (0.003)	503 (0.062)	1497 (0.002)
5000 (0.007)	326 (0.051)	4674 (0.007)	1148 (0.142)	3852 (0.006)
20000 (0.029)	824 (0.130)	19176 (0.028)	3350 (0.414)	16650 (0.025)
50000 (0.073)	2584 (0.406)	47416 (0.070)	5713 (0.706)	44287 (0.065)
100000 (0.146)	4169 (0.655)	95831 (0.141)	7436 (0.919)	92564 (0.137)
200000 (0.292)	5420 (0.852)	194580 (0.286)	8045 (0.994)	191955 (0.283)
500000 (0.729)	5812 (0.914)	494188 (0.728)	8075 (0.998)	491925 (0.726)
685592 (1.000)	6362 (1.000)	679230 (1.000)	8094 (1.000)	677498 (1.000)

==== Topic 205 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	9 (0.000)	1 (0.000)	6 (0.000)	4 (0.000)
20 (0.000)	19 (0.000)	1 (0.000)	11 (0.001)	9 (0.000)
50 (0.000)	43 (0.001)	7 (0.000)	27 (0.002)	23 (0.000)
100 (0.000)	81 (0.001)	19 (0.000)	52 (0.004)	48 (0.000)
200 (0.000)	153 (0.002)	47 (0.000)	98 (0.007)	102 (0.000)
500 (0.001)	396 (0.006)	104 (0.000)	222 (0.016)	278 (0.000)
1000 (0.001)	738 (0.011)	262 (0.000)	410 (0.030)	590 (0.001)
2000 (0.003)	1486 (0.022)	514 (0.001)	746 (0.055)	1254 (0.002)
5000 (0.007)	3538 (0.052)	1462 (0.002)	1617 (0.119)	3383 (0.005)
20000 (0.029)	10967 (0.161)	9033 (0.015)	4967 (0.365)	15033 (0.022)
50000 (0.073)	19516 (0.287)	30484 (0.049)	8682 (0.637)	41318 (0.061)
100000 (0.146)	39665 (0.584)	60335 (0.098)	11714 (0.860)	88286 (0.131)
200000 (0.292)	56289 (0.829)	143711 (0.233)	13545 (0.995)	186455 (0.277)
500000 (0.729)	60891 (0.896)	439109 (0.711)	13602 (0.999)	486398 (0.724)
685592 (1.000)	67938 (1.000)	617654 (1.000)	13620 (1.000)	671972 (1.000)

==== Topic 206 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	0 (0.000)	10 (0.000)	7 (0.001)	3 (0.000)
20 (0.000)	2 (0.002)	18 (0.000)	14 (0.001)	6 (0.000)
50 (0.000)	6 (0.007)	44 (0.000)	34 (0.003)	16 (0.000)
100 (0.000)	20 (0.023)	80 (0.000)	66 (0.005)	34 (0.000)
200 (0.000)	34 (0.039)	166 (0.000)	126 (0.009)	74 (0.000)
500 (0.001)	118 (0.136)	382 (0.001)	290 (0.021)	210 (0.000)
1000 (0.001)	129 (0.148)	871 (0.001)	525 (0.039)	475 (0.001)
2000 (0.003)	200 (0.231)	1800 (0.003)	951 (0.070)	1049 (0.002)
5000 (0.007)	522 (0.603)	4478 (0.007)	2002 (0.148)	2998 (0.004)
20000 (0.029)	674 (0.778)	19326 (0.028)	5773 (0.426)	14227 (0.021)
50000 (0.073)	717 (0.828)	49283 (0.072)	10174 (0.750)	39826 (0.059)
100000 (0.146)	872 (1.006)	99128 (0.145)	12874 (0.949)	87126 (0.130)
200000 (0.292)	862 (0.996)	199138 (0.291)	13514 (0.996)	186486 (0.277)
500000 (0.729)	870 (1.004)	499130 (0.729)	13544 (0.999)	486456 (0.724)
685592 (1.000)	866 (1.000)	684726 (1.000)	13563 (1.000)	672029 (1.000)

==== Topic 207 ====

Documents returned	Relevant	Nonrelevant	Estimated Rel	Estimated Non
10 (0.000)	10 (0.000)	0 (0.000)	8 (0.001)	2 (0.000)
20 (0.000)	20 (0.001)	0 (0.000)	15 (0.003)	5 (0.000)
50 (0.000)	50 (0.002)	0 (0.000)	38 (0.006)	12 (0.000)
100 (0.000)	100 (0.005)	0 (0.000)	75 (0.013)	25 (0.000)
200 (0.000)	196 (0.009)	4 (0.000)	150 (0.026)	50 (0.000)
500 (0.001)	491 (0.023)	9 (0.000)	375 (0.064)	125 (0.000)
1000 (0.001)	957 (0.046)	43 (0.000)	744 (0.127)	256 (0.000)
2000 (0.003)	1729 (0.083)	271 (0.000)	1325 (0.226)	675 (0.001)
5000 (0.007)	2896 (0.138)	2104 (0.003)	2034 (0.347)	2966 (0.004)
20000 (0.029)	12871 (0.615)	7129 (0.011)	3318 (0.566)	16682 (0.025)
50000 (0.073)	16035 (0.766)	33965 (0.051)	4777 (0.815)	45223 (0.067)
100000 (0.146)	17319 (0.827)	82681 (0.124)	5511 (0.941)	94489 (0.139)
200000 (0.292)	18125 (0.866)	181875 (0.274)	5809 (0.992)	194191 (0.286)
500000 (0.729)	20551 (0.982)	479449 (0.721)	5839 (0.997)	494161 (0.727)
685592 (1.000)	20929 (1.000)	664663 (1.000)	5858 (1.000)	679734 (1.000)