ordered-by-test-number

<u>Test folder</u>	<u>Changed</u> Parameter	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	<u>Train time</u> (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u> <u>F1</u>	<u>True</u> Positives	<u>False</u> <u>Positives</u>	<u>False</u> Negatives	Relative Train time (sec)	Relative Classifier test Speed	<u>Relative</u> <u>Precision</u>	<u>Relative</u> <u>Recall</u>	<u>Relative</u> <u>F1</u>	<u>Relative</u> <u>True</u> Positives	<u>Relative</u> <u>False</u> Positives	<u>Relative</u> <u>False</u> Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> Usage	<u>Model</u> Size
0-recommended-properties	-	:	:	125.5	3798.47	0.8556	0.7772 0.8146	806	136	231	-	(words/sec)	-	-	-	-	-	-	3977	2.7G	16.5M
1-maxLeft-2 2-useClassFeature-false	maxLeft useClassFeature	TRUE	FALSE	1192.2 125	728.39 3455.26	0.8573 0.8617	0.7763 0.8148 0.7869 0.8226	805 816	134 131	232 221	9.4996015936255 0.99601593625498	0.191758787090592 0.909645199251278	1.00198690977092 1.00712949976625	0.998841996911992 1.01248069994853	1.00024551927326 1.00982077093052	0.998759305210918 1.01240694789082	0.985294117647059 0.963235294117647	1.004329004329 0.956709956709957	3977 3977		
3-useWord-false 4-useNGrams-false	useWord useNGrams	TRUE TRUE	FALSE FALSE	137.9 148.9	3899.02 3827.72	0.8614 0.8138	0.7734 0.815 0.6914 0.7477	802 717	129 164	235 320	1.09880478087649 1.18645418326693	1.02647118445058 1.00770046887299	1.0067788686302 0.951145395044413	0.99511065362841 0.889603705609882	1.00049103854653 0.917873803093543	0.995037220843672 0.889578163771712	0.948529411764706 1.20588235294118	1.01731601731602 1.38528138528139	3977 3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956 0.8242	825	140	212	1.08525896414343	0.963200973023349	0.999181860682562	1.02367472979928	1.01178492511662	1.02357320099256	1.02941176470588	0.917748917748918	3977		
6-maxNGramLeng-8 7-maxNGramLeng-7	maxNGramLeng maxNGramLeng	6 6	8 7	141.2 128.6	4262.59 4058.16	0.8594 0.8603	0.784 0.82 0.784 0.8204	813 813	133 132	224 224	1.12509960159363 1.02470119521912	1.12218603806269 1.06836700039753	1.00444132772324 1.00549322113137	1.00874935666495 1.00874935666495	1.0066290203781 1.00712005892463	1.00868486352357 1.00868486352357	0.977941176470588 0.970588235294118	0.96969696969697 0.96969696969697	3977 3977		
8-maxNGramLeng-5 9-maxNGramLeng-4	maxNGramLeng maxNGramLeng	6	5	116.1 143	4498.87 4074.8	0.8541 0.843	0.7676 0.8085 0.756 0.7972	796 784	136 146	241 253	0.925099601593625 1.1394422310757	1.1843900307229 1.07274771157861	0.998246844319776 0.985273492286115	0.987647967061246 0.972722593926917	0.99251166216548 0.978639823226123	0.987593052109181 0.972704714640198	1 1.07352941176471	1.04329004329004 1.0952380952381	3977 3977		
10-maxNGramLeng-3	maxNGramLeng	6	3	128.9	4370.33	0.839	0.7435 0.7883	771	148	266	1.02709163346614	1.15055008990462	0.980598410472183	0.956639217704581	0.967714215565922	0.956575682382134	1.08823529411765	1.15151515151515	3977		
11-maxNGramLeng-2 12-maxNGramLeng-1	maxNGramLeng maxNGramLeng	6 6	2 1	132.6 138	4199.58 4177.52	0.8247 0.8138	0.7213 0.7695 0.6914 0.7477	748 717	159 164	289 320	1.05657370517928 1.0996015936255	1.10559778015885 1.0997901786772	0.963884992987377 0.951145395044413	0.928075141533711 0.889603705609882	0.944635403879205 0.917873803093543	0.928039702233251 0.889578163771712	1.16911764705882 1.20588235294118	1.25108225108225 1.38528138528139	3977 3977		
13-usePrev-false	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782 0.8046	807	162	230	0.518725099601594	1.04283040276743	0.973352033660589	1.00128667009779	0.987724036336853	1.00124069478908	1.19117647058824	0.995670995670996	3977		
14-useNext-false 15-useDisjunctive-false	useNext useDisjunctive	TRUE TRUE	FALSE FALSE	115.5 137.23	4029.38 4217.39	0.8611 0.867	0.783 0.8202 0.7859 0.8245	812 815	131 125	225 222	0.920318725099602 1.09346613545817	1.06079026555429 1.11028651009485	1.00642823749416 1.01332398316971	1.00746268656716 1.01119402985075	1.00687453965136 1.01215320402652	1.00744416873449 1.01116625310174	0.963235294117647 0.919117647058823	0.974025974025974 0.961038961038961	3977 3977		
16-useSequences-false 17-usePrevSequences-false	useSequences usePrevSequences	TRUE TRUE	FALSE FALSE	64.8 65.2	3225.47 4108.47	0.8402 0.8402	0.7811 0.8096 0.7811 0.8096	810 810	154 154	227 227	0.516334661354582 0.519521912350598	0.849149789257254 1.08161180685908	0.982000935016363 0.982000935016363	1.00501801338137 1.00501801338137	0.993862018168426 0.993862018168426	1.00496277915633 1.00496277915633	1.13235294117647 1.13235294117647	0.982683982683983 0.982683982683983	3977 3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE	FALSE	118.9	4121.24	0.8597	0.7859 0.8212	815	133	222	0.947410358565737	1.08497368677389	1.00479195885928	1.01119402985075	1.00810213601768	1.01116625310174	0.977941176470588	0.961038961038961	3977		
19-useTypeSeqs2-false 20-useTypeySequences-false	useTypeSeqs2 useTypeySequences	TRUE TRUE	FALSE FALSE	126.8 125.2	4142.71 4299.46	0.8561 0.854	0.7859 0.8195 0.7782 0.8143	815 807	137 138	222 230	1.01035856573705 0.997609561752988	1.09062596255861 1.13189257780106	1.00058438522674 0.998129967274427	1.01119402985075 1.00128667009779	1.00601522219494 0.999631721090105	1.01116625310174 1.00124069478908	1.00735294117647 1.01470588235294	0.961038961038961 0.995670995670996	3977 3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1 chris1	161.1 159.6	4389.62 4013.12	0.8589 0.8568	0.7927 0.8245 0.7907 0.8225	822 820	135 137	215 217	1.28366533864542 1.27171314741036	1.1556284504024 1.05650959465258	1.00385694249649 1.00140252454418	1.0199433865157 1.01737004632012	1.01215320402652 1.00969801129389	1.01985111662531 1.01736972704715	0.992647058823529 1.00735294117647	0.930735930735931 0.9393939393939393	3977 3977		
22-wordShape-chris1 23-wordShape-dan2	wordShape wordShape	chris2useLC chris2useLC	dan2	143.2	4100	0.8502	0.7878 0.8178	817	144	220	1.14103585657371	1.07938196168457	0.993688639551192	1.01363870303654	1.00392830837221	1.0136476426799	1.05882352941176	0.952380952380952	3977		
24-wordShape-dan2useLC 25-wordShape-dan2bio	wordShape wordShape	chris2useLC chris2useLC	dan2useLC dan2bio	119.4 138.8	4313.45 4271.75	0.8497 0.8502	0.7686 0.8071 0.7878 0.8178	797 817	141 144	240 220	0.951394422310757 1.10597609561753	1.13557563966544 1.12459753532343	0.993104254324451 0.993688639551192	0.988934637159032 1.01363870303654	0.990793027252639 1.00392830837221	0.988833746898263 1.0136476426799	1.03676470588235 1.05882352941176	1.03896103896104 0.952380952380952	3977 3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686 0.8071	797	141	240	0.950597609561753	1.15690791292283	0.993104254324451	0.988934637159032	0.990793027252639	0.988833746898263	1.03676470588235	1.03896103896104	3977		
27-wordShape-jenny1 28-wordShape-jenny1useLC	wordShape wordShape	chris2useLC chris2useLC	jenny1 jenny1useLC	137.8 118.5	4529.61 4095.78	0.8502 0.8497	0.7878 0.8178 0.7686 0.8071	817 797	144 141	220 240	1.09800796812749 0.944223107569721	1.1924827627966 1.07827098805572	0.993688639551192 0.993104254324451	1.01363870303654 0.988934637159032	1.00392830837221 0.990793027252639	1.0136476426799 0.988833746898263	1.05882352941176 1.03676470588235	0.952380952380952 1.03896103896104	3977 3977		
29-wordShape-chris2 30-wordShape-chris2useLC	wordShape wordShape	chris2useLC chris2useLC	chris2 chris2useLC	130 116.4	4332.24 4204.02	0.858 0.8556	0.7985 0.8272 0.7772 0.8146	828 806	137 136	209 231	1.03585657370518 0.927490039840638	1.14052236821668 1.10676667184419	1.00280504908836 1	1.02740607308286	1.01546771421557 1	1.0272952853598 1	1.00735294117647 1	0.904761904761905 1	3977 3977		
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509	0.7927 0.8208	822	144	215	0.944223107569721	1.1138300420959	0.99450677886863	1.0199433865157	1.00761109747115	1.01985111662531	1.05882352941176	0.930735930735931	3977		
32-wordShape-chris3useLC 33-wordShape-chris4	wordShape wordShape	chris2useLC chris2useLC	chris3useLC chris4	124.1 113	4248.93 3914.37	0.8488 0.8559	0.7743 0.8099 0.7792 0.8157	803 808	143 136	234 229	0.988844621513944 0.900398406374502	1.11858985328303 1.03051228520957	0.992052360916316 1.00035063113604	0.996268656716418 1.00257334019557	0.994230297078321 1.00135035600295	0.996277915632754 1.00248138957816	1.05147058823529 1	1.01298701298701 0.991341991341991	3977 3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	120.2	3980.98	0.8515	0.7965 0.8231	826	144	211	1.10199203187251	1.04804829312855	0.99520804114072	1.02483273288729	1.01043456911368	1.02481389578164	1.05882352941176	0.913419913419913	3977		
35-initWithNERPosterior-true	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772 0.8146	806	136	231	0.937051792828685	1.12580591659273	1	1	1	1	1	1	3977		
36-applyNERPenalty-false 37-useWordPairs-true	applyNERPenalty useWordPairs	TRUE FALSE	FALSE TRUE	118.4 140.8	4235.36 4155.69	0.8556 0.8619	0.7772 0.8146 0.7763 0.8168	806 805	136 129	231 232	0.943426294820717 1.12191235059761	1.11501736225375 1.09404312789097	1 1.00736325385694	1 0.998841996911992	1 1.00270071200589	1 0.998759305210918	1 0.948529411764706	1 1.004329004329	3977 3977		
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763 0.8144	805	135	232	1.66852589641434	1.00770046887299	1.00093501636279	0.998841996911992	0.999754480726737	0.998759305210918	0.992647058823529	1.004329004329	3977		
39-useMoreNeighborNGrams-true 40-conjoinShapeNGrams-true	useMoreNeighborNGrams conjoinShapeNGrams	FALSE FALSE	TRUE TRUE	141 127.3	3933.73 3914.37	0.8348 0.8475	0.7454 0.7876 0.7878 0.8166	773 817	153 147	264 220	1.12350597609562 1.01434262948207	1.03560907417987 1.03051228520957	0.975689574567555 0.990532959326788	0.959083890890376 1.01363870303654	0.966854898109502 1.00245519273263	0.959057071960298 1.0136476426799	1.125 1.08088235294118	1.14285714285714 0.952380952380952	3977 3977		
41-lowercaseNGrams-true 42-dehyphenateNGrams-true	lowercaseNGrams dehyphenateNGrams	FALSE FALSE	TRUE TRUE	142.5 121.1	3929.84 3925.96	0.8662 0.8596	0.7927 0.8278 0.7792 0.8174	822 808	127 132	215 229	1.13545816733068 0.964940239043825	1.03458497763573 1.03356351373053	1.01238896680692 1.00467508181393	1.0199433865157 1.00257334019557	1.01620427203535 1.00343726982568	1.01985111662531 1.00248138957816	0.933823529411765 0.970588235294118	0.930735930735931 0.991341991341991	3977 3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772 0.8146	806	136	231	0.941832669322709	1.14426334813754	1	1	1	1	1	1	3977		
44-useObservedSequencesOnly-true 45-useTitle-true	useObservedSequencesOnly useTitle	FALSE FALSE	TRUE TRUE	65.1 118.1	5418.26 4173.14	0.8586 0.8556	0.785 0.8202 0.7772 0.8146	814 806	134 136	223 231	0.518725099601594 0.941035856573705	1.4264322213944 1.09863708282545	1.00350631136045 1	1.01003602676274 1	1.00687453965136 1	1.00992555831266 1	0.985294117647059 1	0.965367965367965 1	3977 3977		
46-useEntityTypes-true	useEntityTypes	FALSE	TRUE	122.5	4204.02	0.8622	0.7782 0.818	807	129	230	0.976095617529881	1.10676667184419	1.00771388499299	1.00128667009779	1.00417382764547	1.00124069478908	0.948529411764706	0.995670995670996	3977		
47-useEntityRule-true 48-useOrdinal-true	useEntityRule useOrdinal	FALSE FALSE	TRUE TRUE	121.9 119.8	4083.16 4013.12	0.8553 0.857	0.7811 0.8165 0.7801 0.8168	810 809	137 135	227 228	0.971314741035857 0.954581673306773	1.07494859772487 1.05650959465258	0.999649368863955 1.00163627863488	1.00501801338137 1.00373134328358	1.002332433096 1.00270071200589	1.00496277915633 1.00372208436725	1.00735294117647 0.992647058823529	0.982683982683983 0.987012987012987	3977 3977		
49-useEntityTypeSequences-true 50-useLongSequences-true	useEntityTypeSequences useLongSequences	FALSE FALSE	TRUE TRUE	142.3 116.9	4239.87 4049.9	0.8617 0.8556	0.7811 0.8194 0.7772 0.8146	810 806	130 136	227 231	1.13386454183267 0.931474103585657	1.1162046824116 1.06619244064057	1.00712949976625 1	1.00501801338137 1	1.00589246255831 1	1.00496277915633 1	0.955882352941176 1	0.982683982683983	3977 3977		
51-useNextSequences-true	useNextSequences	FALSE	TRUE	146.9	4204.02	0.8599	0.7811 0.8186	810	132	227	1.17051792828685	1.10676667184419	1.00502571294998	1.00501801338137	1.00491038546526	1.00496277915633	0.970588235294118	0.982683982683983	3977		
52-useLastRealWord-true 53-useNextRealWord-true	useLastRealWord useNextRealWord	FALSE FALSE	TRUE TRUE	123.3 113.2	4177.52 4155.69	0.8585 0.8605	0.7782 0.8164 0.7734 0.8146	807 802	133 130	230 235	0.982470119521912 0.90199203187251	1.0997901786772 1.09404312789097	1.0033894343151 1.00572697522207	1.00128667009779 0.99511065362841	1.00220967345937 1	1.00124069478908 0.995037220843672	0.977941176470588 0.955882352941176	0.995670995670996 1.01731601731602	3977 3977		
54-useReverse-true 55-normalize-true	useReverse normalize	FALSE FALSE	TRUE TRUE	123.9 116	4017.17 4493.79	0.8547 0.8556	0.783 0.8173 0.7772 0.8146	812 806	138 136	225 231	0.987250996015936 0.924302788844621	1.05757581341961 1.18305265014598	0.998948106591865	1.00746268656716	1.00331451018905	1.00744416873449	1.01470588235294	0.974025974025974	3977 3977		
56-normalizeTimex-true	normalizeTimex	FALSE	TRUE	116.1	4262.59	0.8556	0.7772 0.8146	806	136	231	0.925099601593625	1.12218603806269	1	1	1	1	1	1	3977		
57-disjunctionWidth-6 58-disjunctionWidth-5	disjunctionWidth disjunctionWidth	4	6 5	118.7 134.8	4327.53 4134.1	0.8484 0.8643	0.7715 0.8081 0.7801 0.8201	800 809	143 127	237 228	0.945816733067729 1.07410358565737	1.13928239528021 1.08835926043907	0.991584852734923 1.0101683029453	0.992665980442614 1.00373134328358	0.992020623618954 1.00675178001473	0.992555831265509 1.00372208436725	1.05147058823529 0.933823529411765	1.02597402597403 0.987012987012987	3977 3977		
59-disjunctionWidth-3 60-disjunctionWidth-2	disjunctionWidth disjunctionWidth	4	3	115.8 116.1	4217.39 4258.03	0.863 0.863	0.7715 0.8147 0.7715 0.8147	800 800	127 127	237 237	0.922709163346613 0.925099601593625	1.11028651009485 1.12098555471019	1.00864890135577 1.00864890135577	0.992665980442614 0.992665980442614	1.00012275963663 1.00012275963663	0.992555831265509 0.992555831265509	0.933823529411765 0.933823529411765	1.02597402597403 1.02597402597403	3977 3977		
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763 0.8193	805	123	232	0.941832669322709	1.10793819616846	1.01390836839645	0.998841996911992	1.00576970292168	0.998759305210918	0.904411764705882	1.004329004329	3977		
62-useDisjunctiveShapeInteraction-true 63-useBoundarySequences-true	useDisjunctiveShapeInteraction useBoundarySequences	FALSE FALSE	TRUE TRUE	149.7 116.4	4404.21 4244.4	0.8534 0.8556	0.7522 0.7996 0.7772 0.8146	780 806	134 136	257 231	1.19282868525896 0.927490039840638	1.15946947060264 1.11739726784732	0.997428705002338 1	0.967833247555327 1	0.981586054505279 1	0.967741935483871 1	0.985294117647059 1	1.11255411255411 1	3977 3977		
64-useTags-true	useTags	FALSE	TRUE TRUE	120.4	4262.59 4091.56	0.8667 0.8556	0.7772	806	124 136	231 231	0.959362549800797 0.929083665338645	1.12218603806269 1.07716001442686	1.01297335203366	1	1.00601522219494	1	0.911764705882353	1	3977 3977		
65-useSymTags-true 66-useTaggySequences-true	useSymTags useTaggySequences	FALSE FALSE	TRUE	116.6 117.1	4021.23	0.8556	0.7772 0.8146	806 806	136	231	0.933067729083665	1.05864466482557	1 1	1	1	1	1	1	3977		
67-useOccurrencePatterns-true 68-use2W-true	useOccurrencePatterns use2W	FALSE FALSE	TRUE TRUE	116.9 130.8	4221.87 4160.04	0.8556 0.8519	0.7772 0.8146 0.7763 0.8123	806 805	136 140	231 232	0.931474103585657 1.04223107569721	1.11146593233591 1.09518832582592	1 0.995675549322113	1 0.998841996911992	1 0.997176528357476	1 0.998759305210918	1 1.02941176470588	1 1.004329004329	3977 3977		
69-useLC-true	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869 0.8197	816	138	221	1.09003984063745	1.04283040276743	0.999649368863955	1.01248069994853	1.00626074146821	1.01240694789082	1.01470588235294	0.956709956709957	3977		
70-useViterbi-false 71-includeFullCRFInLOP-true	useViterbi includeFullCRFInLOP	TRUE FALSE	FALSE TRUE	116.3 121.7	4322.83 4199.58	0.8556 0.8556	0.7772 0.8146 0.7772 0.8146	806 806	136 136	231 231	0.926693227091633 0.969721115537849	1.13804505498266 1.10559778015885	1	1	1 1	1	1	1 1	3977 3977		
72-backpropLopTraining-true 73-useOutputLayer-false	backpropLopTraining useOutputLayer	FALSE TRUE	TRUE FALSE	122 121.2	3969.06 4443.58	0.8556 0.8556	0.7772 0.8146 0.7772 0.8146	806 806	136 136	231 231	0.972111553784861 0.965737051792829	1.04491018752287 1.16983417007374	1 1	1	1 1	1	1	1	3977 3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556	0.7772 0.8146	806	136	231	0.927490039840638	1.08835926043907	1	1	1	1	1	1	3977		
75-restrictLabels-false 76-useBagOfWords-true	restrictLabels useBagOfWords	TRUE FALSE	FALSE TRUE	112.43 6362.6	4327.53 497.56	0.8556 0.6951	0.7772 0.8146 0.8264 0.7551	806 857	136 376	231 180	0.895856573705179 50.6980079681275	1.13928239528021 0.13098958264775	1 0.812412342215989	1 1.06330416881112	1 0.926958016204272	1 1.06327543424318	1 2.76470588235294	1 0.779220779220779	3977 3977		
77-sigma-30	sigma	1	30 20	758.13 630.6	3748.35 4212.92	0.8145 0.823	0.7155 0.7618 0.7175 0.7666	742 744	169 160	295 293	6.0408764940239 5.02470119521912	0.986805213678139 1.10910972049272	0.951963534361851 0.961898083216456	0.920612454966547	0.935182911858581 0.941075374416892	0.920595533498759 0.923076923076923	1.24264705882353 1.17647058823529	1.27705627705628 1.26839826839827	3977 3977		
78-sigma-20 79-sigma-10	sigma sigma	1	10	412.8	4112.72	0.8328	0.7348 0.7807	762	153	275	3.28924302788845	1.08273067840473	0.973352033660589	0.945445187853834	0.95838448318193	0.945409429280397	1.125	1.19047619047619	3977		
80-sigma-5 81-sigma-3	sigma sigma	1 1	5 3	334.9 253.8	3751.89 4208.47	0.8358 0.8379	0.7608 0.7966 0.7724 0.8038	789 801	155 155	248 236	2.66852589641434 2.02231075697211	0.987737167859691 1.10793819616846	0.976858345021038 0.979312762973352	0.978898610396294 0.993823983530623	0.977903265406335 0.986741959243801	0.978908188585608 0.993796526054591	1.13970588235294 1.13970588235294	1.07359307359307 1.02164502164502	3977 3977		
82-sigma-2	sigma	1	2	158.2	4235.36	0.8494	0.7666 0.8059	795	141	242	1.2605577689243	1.11501736225375	0.992753623188406	0.986361296963459	0.989319911613062	0.986352357320099	1.03676470588235	1.04761904761905	3977		
83-inferenceType-Beam 84-Qnsize-50	inferenceType QNsize	Viterbi 25	Beam 50	118.2 117.2	2185.16 4160.04	0.8558 0.8556	0.7782 0.8152 0.7772 0.8146	807 806	136 136	230 231	0.941832669322709 0.933864541832669	0.575273728632844 1.09518832582592	1.0002337540907 1	1.00128667009779 1	1.00073655781979 1	1.00124069478908 1	1 1	0.995670995670996 1	3977 3977	2.8G	
85-Qnsize-10 86-Qnsize-5	QNsize QNsize	25 25	10 5	142 165.1	4438.62 4212.92	0.8553 0.8586	0.7811 0.8165 0.785 0.8202	810 814	137 134	227 223	1.13147410358566 1.31553784860558	1.168528381164 1.10910972049272	0.999649368863955 1.00350631136045	1.00501801338137 1.01003602676274	1.002332433096 1.00687453965136	1.00496277915633 1.00992555831266	1.00735294117647 0.985294117647059	0.982683982683983 0.965367965367965	3977 3977	2.1G 2.0G	
87-Qnsize-2	QNsize	25	2	232.9	4290.18	0.8627	0.7753 0.8167	804	128	233	1.85577689243028	1.12944948887315	1.00829827021973	0.997555326814205	1.00257795236926	0.997518610421836	0.941176470588235	1.00865800865801	3977	1.8G	_
88-featureDiffThresh-0.1 89-featureDiffThresh-0.05	featureDiffThresh featureDiffThresh	0	0.1 0.05	205.3 232.4	4181.91 4248.93	0.8565 0.8571	0.7772 0.815 0.7811 0.8174	806 810	135 135	231 227	1.63585657370518 1.85179282868526	1.10094590716789 1.11858985328303	1.00105189340813 1.00175315568022	1 1.00501801338137	1.00049103854653 1.00343726982568	1 1.00496277915633	0.992647058823529 0.992647058823529	1 0.982683982683983	3977 3977		7.6M 10.6M
90-featureDiffThresh-0.025	featureDiffThresh	0 FALSE	0.025 TRUE	221.2	3010.6 3980.98	0.8582	0.7821 0.8184	811 808	134	226	1.76254980079681	0.792582276548189	1.00303880317906	1.00630468347916	1.004664866192	1.00620347394541	0.985294117647059	0.978354978354978	3977		12.6M
91-sloppyGazette-true 92-cleanGazette-true	sloppyGazette cleanGazette	FALSE	TRUE	136.8 114.9	4341.7	0.8568 0.8627	0.7792 0.8162 0.7753 0.8167	804	135 128	229 233	1.09003984063745 0.915537848605578	1.04804829312855 1.14301284464534	1.00140252454418 1.00829827021973	1.00257334019557 0.997555326814205	1.0019641541861 1.00257795236926	1.00248138957816 0.997518610421836	0.992647058823529 0.941176470588235	0.991341991341991 1.00865800865801	3977 3977		
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284 0.8463	859	134	178	5.32509960159363	0.530126603606189	1.01110331930809	1.06587750900669	1.03891480481218	1.06575682382134	0.985294117647059	0.770562770562771	3977		

ordered-by-f1-ratio

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	Train time (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u>	<u>F1</u>	<u>True</u> <u>Positives</u>	<u>False</u> <u>Positives</u>	<u>False</u> <u>Negatives</u>	<u>Relative</u> <u>Train time</u> (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative <u>F1</u>	<u>Relative</u> <u>True</u> <u>Positives</u>	<u>Relative</u> <u>False</u> <u>Positives</u>	<u>Relative</u> <u>False</u> Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772		806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
93-optimal-configuration	- lawaraaaNCrama	- FALSE	- TRUE	668.3 142.5	2013.67 3929.84	0.8651 0.8662	0.8284 0.7927	0.8463	859 822	134 127	178 215	5.325 1.135	0.530 1.035	1.011 1.012	1.066 1.020	1.039 1.016	1.066 1.020	0.985 0.934	0.771 0.931	3977 3977		
41-lowercaseNGrams-true 29-wordShape-chris2	lowercaseNGrams wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7927	0.8278	828	137	209	1.135	1.141	1.012	1.020	1.015	1.020	1.007	0.931	3977		
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	1.093	1.110	1.013	1.011	1.012	1.011	0.919	0.961	3977		
21-wordShape-dan1 5-noMidNGrams	wordShape	chris2useLC	dan1 FALSE	161.1	4389.62 3658.69	0.8589	0.7927	0.8245	822	135 140	215	1.284	1.156	1.004	1.020 1.024	1.012	1.020	0.993	0.931	3977		
34-wordFunction-Lowercase	noMidNGrams	TRUE "	LowercaseAnd	136.2		0.8549	0.7956	0.8242	825		212	1.085	0.963	0.999		1.012	1.024	1.029	0.918	3977		
AndAmericanizeFunction	wordFunction	null	AmericanizeFunction	138.3	3980.98	0.8515	0.7965		826	144	211	1.102	1.048	0.995	1.025	1.010	1.025	1.059	0.913	3977		
2-useClassFeature-false 22-wordShape-chris1	useClassFeature wordShape	TRUE chris2useLC	FALSE chris1	125 159.6	3455.26 4013.12	0.8617 0.8568	0.7869 0.7907	0.8226 0.8225	816 820	131 137	221 217	0.996 1.272	0.910 1.057	1.007 1.001	1.012 1.017	1.010 1.010	1.012 1.017	0.963 1.007	0.957 0.939	3977 3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE	FALSE	118.9	4121.24	0.8597	0.7859	0.8212	815	133	222	0.947	1.085	1.001	1.017	1.008	1.017	0.978	0.939	3977		
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509	0.7927	0.8208	822	144	215	0.944	1.114	0.995	1.020	1.008	1.020	1.059	0.931	3977		
7-maxNGramLeng-7	maxNGramLeng	6 TRUE	7 FALSE	128.6 115.5	4058.16 4029.38	0.8603 0.8611	0.784 0.783	0.8204 0.8202	813 812	132 131	224 225	1.025 0.920	1.068 1.061	1.005	1.009 1.007	1.007 1.007	1.009 1.007	0.971 0.963	0.970 0.974	3977 3977		
14-useNext-false 44-useObservedSequencesOnly-true	useNext useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785	0.8202	814	134	223	0.519	1.426	1.006 1.004	1.007	1.007	1.010	0.985	0.974	3977		
86-Qnsize-5	QNsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	1.316	1.109	1.004	1.010	1.007	1.010	0.985	0.965	3977	2.0G	
58-disjunctionWidth-5 6-maxNGramLeng-8	disjunctionWidth	4 6	5 8	134.8	4134.1 4262.59	0.8643 0.8594	0.7801 0.784	0.8201 0.82	809 813	127 133	228 224	1.074 1.125	1.088 1.122	1.010 1.004	1.004 1.009	1.007 1.007	1.004 1.009	0.934 0.978	0.987 0.970	3977 3977		
69-useLC-true	maxNGramLeng useLC	FALSE	TRUE	141.2 136.8	3961.16	0.8553	0.7869	0.82	816	138	224	1.125	1.043	1.004	1.009	1.007	1.009	1.015	0.970	3977		
19-useTypeSeqs2-false	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	1.010	1.091	1.001	1.011	1.006	1.011	1.007	0.961	3977		
64-useTags-true	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	0.959	1.122	1.013	1.000	1.006	1.000	0.912	1.000	3977		
49-useEntityTypeSequences-true 61-disjunctionWidth-1	useEntityTypeSequences disjunctionWidth	FALSE 4	TRUE 1	142.3 118.2	4239.87 4208.47	0.8617 0.8675	0.7811 0.7763	0.8194 0.8193	810 805	130 123	227 232	1.134 0.942	1.116 1.108	1.007 1.014	1.005 0.999	1.006 1.006	1.005 0.999	0.956 0.904	0.983 1.004	3977 3977		
51-useNextSequences-true	useNextSequences	FALSE	TRUE	146.9	4204.02	0.8599	0.7811	0.8186	810	132	227	1.171	1.107	1.005	1.005	1.005	1.005	0.971	0.983	3977		
90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	1.763	0.793	1.003	1.006	1.005	1.006	0.985	0.978	3977		12.6M
46-useEntityTypes-true 23-wordShape-dan2	useEntityTypes wordShape	FALSE chris2useLC	TRUE dan2	122.5 143.2	4204.02 4100	0.8622 0.8502	0.7782 0.7878	0.818 0.8178	807 817	129 144	230 220	0.976 1.141	1.107 1.079	1.008 0.994	1.001 1.014	1.004 1.004	1.001 1.014	0.949 1.059	0.996 0.952	3977 3977		
25-wordShape-dan2bio	wordShape	chris2useLC	dan2bio	138.8	4271.75	0.8502	0.7878	0.8178	817	144	220	1.106	1.125	0.994	1.014	1.004	1.014	1.059	0.952	3977		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	1.098	1.192	0.994	1.014	1.004	1.014	1.059	0.952	3977		
42-dehyphenateNGrams-true 89-featureDiffThresh-0.05	dehyphenateNGrams featureDiffThresh	FALSE 0	TRUE 0.05	121.1 232.4	3925.96 4248.93	0.8596 0.8571	0.7792 0.7811	0.8174 0.8174	808 810	132 135	229 227	0.965 1.852	1.034 1.119	1.005 1.002	1.003 1.005	1.003 1.003	1.002 1.005	0.971 0.993	0.991 0.983	3977 3977		10.6M
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.7811	0.8174	812	138	225	0.987	1.058	0.999	1.007	1.003	1.007	1.015	0.974	3977		20.0141
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	1.122	1.094	1.007	0.999	1.003	0.999	0.949	1.004	3977		
48-useOrdinal-true 87-Onsize-2	useOrdinal QNsize	FALSE 25	TRUE 2	119.8 232.9	4013.12 4290.18	0.857 0.8627	0.7801 0.7753	0.8168 0.8167	809 804	135 128	228 233	0.955 1.856	1.057 1.129	1.002 1.008	1.004 0.998	1.003 1.003	1.004 0.998	0.993 0.941	0.987 1.009	3977 3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	0.916	1.143	1.008	0.998	1.003	0.998	0.941	1.009	3977	2.00	
40-conjoinShapeNGrams-true	conjoinShapeNGrams	FALSE	TRUE	127.3	3914.37	0.8475	0.7878	0.8166	817	147	220	1.014	1.031	0.991	1.014	1.002	1.014	1.081	0.952	3977		
47-useEntityRule-true 85-Onsize-10	useEntityRule QNsize	FALSE 25	TRUE 10	121.9 142	4083.16 4438.62	0.8553 0.8553	0.7811 0.7811	0.8165 0.8165	810 810	137 137	227 227	0.971 1.131	1.075 1.169	1.000 1.000	1.005 1.005	1.002 1.002	1.005 1.005	1.007 1.007	0.983 0.983	3977 3977	2.1G	
52-useLastRealWord-true	useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782	0.8164	807	133	230	0.982	1.100	1.003	1.001	1.002	1.001	0.978	0.996	3977	2.10	
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8162	808	135	229	1.090	1.048	1.001	1.003	1.002	1.002	0.993	0.991	3977		
33-wordShape-chris4 83-inferenceType-Beam	wordShape inferenceType	chris2useLC Viterbi	chris4 Beam	113 118.2	3914.37 2185.16	0.8559 0.8558	0.7792 0.7782	0.8157 0.8152	808 807	136 136	229 230	0.900 0.942	1.031 0.575	1.000 1.000	1.003 1.001	1.001 1.001	1.002 1.001	1.000 1.000	0.991 0.996	3977 3977		
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	1.099	1.026	1.007	0.995	1.001	0.995	0.949	1.017	3977		
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	1.636	1.101	1.001	1.000	1.000	1.000	0.993	1.000	3977		7.6M
1-maxLeft-2 59-disjunctionWidth-3	maxLeft disjunctionWidth	1	2	1192.2 115.8	728.39 4217.39	0.8573 0.863	0.7763 0.7715	0.8148 0.8147	805 800	134 127	232 237	9.500 0.923	0.192 1.110	1.002 1.009	0.999 0.993	1.000 1.000	0.999 0.993	0.985 0.934	1.004 1.026	3977 3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	0.925	1.121	1.009	0.993	1.000	0.993	0.934	1.026	3977		
30-wordShape-chris2useLC	wordShape	chris2useLC	chris2useLC	116.4	4204.02	0.8556	0.7772	0.8146	806	136	231	0.927	1.107	1.000	1.000	1.000	1.000	1.000	1.000	3977		
35-initWithNERPosterior-true 36-applyNERPenalty-false	initWithNERPosterior applyNERPenalty	FALSE TRUE	TRUE FALSE	117.6 118.4	4276.34 4235.36	0.8556 0.8556	0.7772 0.7772	0.8146	806 806	136 136	231 231	0.937 0.943	1.126 1.115	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	0.942	1.144	1.000	1.000	1.000	1.000	1.000	1.000	3977		
45-useTitle-true	useTitle	FALSE	TRUE	118.1	4173.14	0.8556		0.8146	806	136	231	0.941	1.099	1.000	1.000	1.000	1.000	1.000	1.000	3977		
50-useLongSequences-true 53-useNextRealWord-true	useLongSequences useNextRealWord	FALSE FALSE	TRUE TRUE	116.9 113.2	4049.9 4155.69	0.8556 0.8605	0.7772 0.7734	0.8146 0.8146	806 802	136 130	231 235	0.931 0.902	1.066 1.094	1.000 1.006	1.000 0.995	1.000 1.000	1.000 0.995	1.000 0.956	1.000 1.017	3977 3977		
55-normalize-true	normalize	FALSE	TRUE	116	4493.79	0.8556	0.7772	0.8146	806	136	231	0.924	1.183	1.000	1.000	1.000	1.000	1.000	1.000	3977		
56-normalizeTimex-true	normalizeTimex	FALSE	TRUE	116.1	4262.59	0.8556	0.7772		806	136	231	0.925	1.122	1.000	1.000	1.000	1.000	1.000	1.000	3977		
63-useBoundarySequences-true 65-useSymTags-true	useBoundarySequences useSymTags	FALSE FALSE	TRUE TRUE	116.4 116.6	4244.4 4091.56	0.8556 0.8556	0.7772 0.7772	0.8146	806 806	136 136	231	0.927	1.117 1.077	1.000	1.000 1.000	1.000 1.000	1.000	1.000 1.000	1.000 1.000	3977 3977		
66-useTaggySequences-true	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.01.0	806	136	231	0.933	1.059	1.000	1.000	1.000	1.000	1.000	1.000	3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772	0.8146	806	136	231	0.931	1.111	1.000	1.000	1.000	1.000	1.000	1.000	3977		
70-useViterbi-false 71-includeFullCRFInLOP-true	useViterbi includeFullCRFInLOP	TRUE FALSE	FALSE TRUE	116.3 121.7	4322.83 4199.58	0.8556 0.8556	0.7772 0.7772	0.8146	806 806	136 136	231 231	0.927 0.970	1.138 1.106	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772		806	136	231	0.972	1.045	1.000	1.000	1.000	1.000	1.000	1.000	3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772		806	136	231	0.966	1.170	1.000	1.000	1.000	1.000	1.000	1.000	3977		
74-useHiddenLayer-false 75-restrictLabels-false	useHiddenLayer restrictLabels	TRUE TRUE	FALSE FALSE	116.4 112.43	4134.1 4327.53	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	0.927 0.896	1.088 1.139	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
84-Qnsize-50	QNsize	25	50	117.2	4160.04	0.8556	0.7772	0.8146	806	136	231	0.934	1.095	1.000	1.000	1.000	1.000	1.000	1.000	3977	2.8G	
38-useNeighborNGrams-true 20-useTypeySequences-false	useNeighborNGrams	FALSE TRUE	TRUE FALSE	209.4 125.2	3827.72 4299.46	0.8564 0.854	0.7763 0.7782	0.8144 0.8143	805 807	135 138	232 230	1.669 0.998	1.008 1.132	1.001 0.998	0.999 1.001	1.000 1.000	0.999 1.001	0.993 1.015	1.004 0.996	3977 3977		
68-use2W-true	useTypeySequences use2W	FALSE	TRUE	130.8	4160.04	0.8519	0.7763		805	140	230	1.042	1.095	0.996	0.999	0.997	0.999	1.015	1.004	3977		
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743	0.8099	803	143	234	0.989	1.119	0.992	0.996	0.994	0.996	1.051	1.013	3977		
16-useSequences-false 17-usePrevSequences-false	useSequences	TRUE TRUE	FALSE FALSE	64.8 65.2	3225.47 4108.47	0.8402 0.8402	0.7811 0.7811	0.8096 0.8096	810 810	154 154	227	0.516 0.520	0.849 1.082	0.982 0.982	1.005 1.005	0.994 0.994	1.005 1.005	1.132 1.132	0.983 0.983	3977 3977		
8-maxNGramLeng-5	usePrevSequences maxNGramLeng	6	FALSE 5	116.1	4498.87	0.8541		0.8085	796	136	227 241	0.925	1.184	0.982	0.988	0.994	0.988	1.132	1.043	3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	0.946	1.139	0.992	0.993	0.992	0.993	1.051	1.026	3977		
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	0.951	1.136	0.993	0.989	0.991	0.989	1.037	1.039	3977		
26-wordShape-dan2bioUseLC 28-wordShape-jenny1useLC	wordShape wordShape	chris2useLC chris2useLC	dan2bioUseLC jenny1useLC	119.3 118.5	4394.48 4095.78	0.8497 0.8497	0.7686 0.7686	0.8071 0.8071	797 797	141 141	240 240	0.951 0.944	1.157 1.078	0.993 0.993	0.989 0.989	0.991 0.991	0.989 0.989	1.037 1.037	1.039 1.039	3977 3977		
82-sigma-2	sigma	1	2	158.2	4235.36	0.8494	0.7666	0.8059	795	141	242	1.261	1.115	0.993	0.986	0.989	0.986	1.037	1.048	3977		
13-usePrev-false	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782	0.8046	807	162	230	0.519	1.043	0.973	1.001	0.988	1.001	1.191	0.996	3977		
81-sigma-3 62-useDisjunctiveShapeInteraction-true	sigma useDisjunctiveShapeInteraction	1 FALSE	3 TRUE	253.8 149.7	4208.47 4404.21	0.8379 0.8534	0.7724 0.7522	0.8038 0.7996	801 780	155 134	236 257	2.022 1.193	1.108 1.159	0.979 0.997	0.994 0.968	0.987 0.982	0.994 0.968	1.140 0.985	1.022 1.113	3977 3977		
9-maxNGramLeng-4	maxNGramLeng	6	4	143	4074.8	0.843	0.7522	0.7972	784	146	253	1.139	1.073	0.985	0.973	0.979	0.973	1.074	1.095	3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	2.669	0.988	0.977	0.979	0.978	0.979	1.140	1.074	3977		
10-maxNGramLeng-3 39-useMoreNeighborNGrams-true	maxNGramLeng useMoreNeighborNGrams	6 FALSE	3 TRUE	128.9 141	4370.33 3933.73	0.839 0.8348	0.7435 0.7454		771 773	148 153	266 264	1.027 1.124	1.151 1.036	0.981 0.976	0.957 0.959	0.968 0.967	0.957 0.959	1.088 1.125	1.152 1.143	3977 3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	3.289	1.083	0.973	0.935	0.958	0.939	1.125	1.143	3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7213		748	159	289	1.057	1.106	0.964	0.928	0.945	0.928	1.169	1.251	3977		
78-sigma-20 77-sigma-30	sigma sigma	1	20 30	630.6 758.13	4212.92 3748.35	0.823 0.8145	0.7175 0.7155	0.7666 0.7618	744 742	160 169	293 295	5.025 6.041	1.109 0.987	0.962 0.952	0.923 0.921	0.941 0.935	0.923 0.921	1.176 1.243	1.268 1.277	3977 3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951		0.7551	857	376	180	50.698	0.131	0.812	1.063	0.927	1.063	2.765	0.779	3977		
4-useNGrams-false	useNGrams	TRUE	FALSE	148.9	3827.72	0.8138		0.7477	717	164	320	1.186	1.008	0.951	0.890	0.918	0.890	1.206	1.385	3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	U./4//	717	164	320	1.100	1.100	0.951	0.890	0.918	0.890	1.206	1.385	3977		

											ordered-by-p	recision-ratio										
<u>T</u> est folder	<u>Changed</u>	Recommended	<u>Test</u>	<u>Train time</u>	Classifier test Speed	Precision	<u>Recall</u>	F1	<u>True</u>	<u>False</u>	<u>False</u>	Relative Train time	<u>Relative</u> <u>Classifier test</u>	<u>Relative</u>	<u>Relative</u>	<u>Relative</u>	<u>Relative</u> <u>True</u>	<u>Relative</u> False	<u>Relative</u> <u>False</u>	Classifier test N° of tagged	<u>JVM</u> <u>Memory</u>	<u>Model</u>
	<u>Parameter</u>	<u>Value</u>	<u>Value</u>	(sec)	(words/sec)			_	<u>Positives</u>	<u>Positives</u>	<u>Negatives</u>	(sec)	<u>Speed</u> (words/sec)	<u>Precision</u>	<u>Recall</u>	<u>F1</u>	Positives	Positives	<u>Negatives</u>	<u>Words</u>	<u>Usage</u>	<u>Size</u>
0-recommended-properties 61-disjunctionWidth-1	- disjunctionWidth	- 4	- 1	125.5 118.2	3798.47 4208.47	0.8556 0.8675		0.8146 0.8193	806 805	136 123	231 232	- 0.942	1.108	1.014	0.999	1.006	- 0.999	0.904	1.004	3977 3977	2.7G	16.5M
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	1.093	1.110	1.013	1.011	1.012	1.011	0.919	0.961	3977		
64-useTags-true 41-lowercaseNGrams-true	useTags lowercaseNGrams	FALSE FALSE	TRUE TRUE	120.4 142.5	4262.59 3929.84	0.8667 0.8662		0.8195 0.8278	806 822	124 127	231 215	0.959 1.135	1.122 1.035	1.013 1.012	1.000 1.020	1.006 1.016	1.000 1.020	0.912 0.934	1.000 0.931	3977 3977		
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651		0.8463	859	134	178	5.325	0.530	1.011	1.066	1.039	1.066	0.985	0.771	3977		
58-disjunctionWidth-5	disjunctionWidth disjunctionWidth	4	5 3	134.8	4134.1 4217.39	0.8643	0.7801	0.8201	809 800	127 127	228 237	1.074 0.923	1.088	1.010	1.004 0.993	1.007	1.004 0.993	0.934 0.934	0.987 1.026	3977 3977		
59-disjunctionWidth-3 60-disjunctionWidth-2	disjunctionWidth	4	2	115.8 116.1	4258.03	0.863 0.863		0.8147 0.8147	800	127	237	0.925	1.110 1.121	1.009 1.009	0.993	1.000 1.000	0.993	0.934	1.026	3977		
87-Qnsize-2	QNsize	25	2	232.9	4290.18	0.8627		0.8167	804	128	233	1.856	1.129	1.008	0.998	1.003	0.998	0.941	1.009	3977	1.8G	
92-cleanGazette-true 46-useEntityTypes-true	cleanGazette useEntityTypes	FALSE FALSE	TRUE TRUE	114.9 122.5	4341.7 4204.02	0.8627 0.8622	0.7753 0.7782	0.8167 0.818	804 807	128 129	233 230	0.916 0.976	1.143 1.107	1.008 1.008	0.998 1.001	1.003 1.004	0.998 1.001	0.941 0.949	1.009 0.996	3977 3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	1.122	1.094	1.007	0.999	1.003	0.999	0.949	1.004	3977		
2-useClassFeature-false 49-useEntityTypeSequences-true	useClassFeature useEntityTypeSequences	TRUE FALSE	FALSE TRUE	125 142.3	3455.26 4239.87	0.8617 0.8617		0.8226 0.8194	816 810	131 130	221 227	0.996 1.134	0.910 1.116	1.007 1.007	1.012 1.005	1.010 1.006	1.012 1.005	0.963 0.956	0.957 0.983	3977 3977		
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	1.099	1.026	1.007	0.995	1.000	0.995	0.949	1.017	3977		
14-useNext-false 53-useNextRealWord-true	useNext useNextRealWord	TRUE FALSE	FALSE TRUE	115.5 113.2	4029.38 4155.69	0.8611 0.8605	0.783 0.7734	0.8202 0.8146	812 802	131 130	225 235	0.920 0.902	1.061 1.094	1.006 1.006	1.007 0.995	1.007 1.000	1.007 0.995	0.963 0.956	0.974 1.017	3977 3977		
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	1.025	1.068	1.005	1.009	1.007	1.009	0.971	0.970	3977		
51-useNextSequences-true 18-useTypeSeqs-false	useNextSequences useTypeSeqs	FALSE TRUE	TRUE FALSE	146.9 118.9	4204.02 4121.24	0.8599 0.8597	0.7811 0.7859	0.8186 0.8212	810 815	132 133	227 222	1.171 0.947	1.107 1.085	1.005 1.005	1.005 1.011	1.005 1.008	1.005 1.011	0.971 0.978	0.983 0.961	3977 3977		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596		0.8174	808	132	229	0.965	1.034	1.005	1.003	1.003	1.002	0.971	0.991	3977		
6-maxNGramLeng-8 21-wordShape-dan1	maxNGramLeng wordShape	6 chris2useLC	8 dan1	141.2 161.1	4262.59 4389.62	0.8594 0.8589	0.784 0.7927	0.82 0.8245	813 822	133 135	224 215	1.125 1.284	1.122 1.156	1.004 1.004	1.009 1.020	1.007 1.012	1.009 1.020	0.978 0.993	0.970 0.931	3977 3977		
44-useObservedSequencesOnly-true	useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785	0.8202	814	134	223	0.519	1.426	1.004	1.010	1.007	1.010	0.985	0.965	3977		
86-Qnsize-5	QNsize useLastRealWord	25 FALSE	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	1.316	1.109	1.004	1.010 1.001	1.007	1.010	0.985	0.965	3977 3977	2.0G	
52-useLastRealWord-true 90-featureDiffThresh-0.025	featureDiffThresh	FALSE 0	TRUE 0.025	123.3 221.2	4177.52 3010.6	0.8585 0.8582	0.7782 0.7821	0.8164 0.8184	807 811	133 134	230 226	0.982 1.763	1.100 0.793	1.003 1.003	1.001	1.002 1.005	1.001 1.006	0.978 0.985	0.996 0.978	3977		12.6M
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858		0.8272	828	137	209	1.036	1.141	1.003	1.027	1.015	1.027	1.007	0.905	3977		
1-maxLeft-2 89-featureDiffThresh-0.05	maxLeft featureDiffThresh	1 0	2 0.05	1192.2 232.4	728.39 4248.93	0.8573 0.8571		0.8148 0.8174	805 810	134 135	232 227	9.500 1.852	0.192 1.119	1.002 1.002	0.999 1.005	1.000 1.003	0.999 1.005	0.985 0.993	1.004 0.983	3977 3977		10.6M
48-useOrdinal-true	useOrdinal	FALSE	TRUE	119.8	4013.12	0.857	0.7801	0.8168	809	135	228	0.955	1.057	1.002	1.004	1.003	1.004	0.993	0.987	3977		
22-wordShape-chris1 91-sloppyGazette-true	wordShape sloppyGazette	chris2useLC FALSE	chris1 TRUE	159.6 136.8	4013.12 3980.98	0.8568 0.8568	0.7907 0.7792	0.8225 0.8162	820 808	137 135	217 229	1.272 1.090	1.057 1.048	1.001 1.001	1.017 1.003	1.010 1.002	1.017 1.002	1.007 0.993	0.939 0.991	3977 3977		
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	1.636	1.101	1.001	1.000	1.000	1.000	0.993	1.000	3977		7.6M
38-useNeighborNGrams-true 19-useTypeSeqs2-false	useNeighborNGrams useTypeSeqs2	FALSE TRUE	TRUE FALSE	209.4 126.8	3827.72 4142.71	0.8564 0.8561	0.7763 0.7859	0.8144 0.8195	805 815	135 137	232 222	1.669 1.010	1.008 1.091	1.001 1.001	0.999 1.011	1.000 1.006	0.999 1.011	0.993 1.007	1.004 0.961	3977 3977		
33-wordShape-chris4	wordShape	chris2useLC	chris4	113	3914.37	0.8559		0.8157	808	136	229	0.900	1.031	1.001	1.003	1.000	1.002	1.007	0.991	3977		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558		0.8152	807	136 136	230 231	0.942	0.575	1.000	1.001 1.000	1.001	1.001 1.000	1.000	0.996 1.000	3977 3977		
30-wordShape-chris2useLC 35-initWithNERPosterior-true	wordShape initWithNERPosterior	chris2useLC FALSE	chris2useLC TRUE	116.4 117.6	4204.02 4276.34	0.8556 0.8556		0.8146 0.8146	806 806	136	231	0.927 0.937	1.107 1.126	1.000 1.000	1.000	1.000 1.000	1.000	1.000 1.000	1.000	3977		
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556		0.8146	806	136	231	0.943	1.115	1.000	1.000	1.000	1.000	1.000	1.000	3977		
43-useKnownLCWords-false 45-useTitle-true	useKnownLCWords useTitle	TRUE FALSE	FALSE TRUE	118.2 118.1	4346.45 4173.14	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.942 0.941	1.144 1.099	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556		0.8146	806	136	231	0.931	1.066	1.000	1.000	1.000	1.000	1.000	1.000	3977		
55-normalize-true 56-normalizeTimex-true	normalize normalizeTimex	FALSE FALSE	TRUE TRUE	116 116.1	4493.79 4262.59	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.924 0.925	1.183 1.122	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
63-useBoundarySequences-true	useBoundarySequences	FALSE	TRUE	116.4	4244.4	0.8556	0.7772	0.8146	806	136	231	0.927	1.117	1.000	1.000	1.000	1.000	1.000	1.000	3977		
65-useSymTags-true 66-useTaggySequences-true	useSymTags useTaggySequences	FALSE FALSE	TRUE TRUE	116.6 117.1	4091.56 4021.23	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.929 0.933	1.077 1.059	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772	0.8146	806	136	231	0.931	1.111	1.000	1.000	1.000	1.000	1.000	1.000	3977		
70-useViterbi-false 71-includeFullCRFInLOP-true	useViterbi includeFullCRFInLOP	TRUE FALSE	FALSE TRUE	116.3 121.7	4322.83 4199.58	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.927 0.970	1.138 1.106	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556		0.8146	806	136	231	0.972	1.045	1.000	1.000	1.000	1.000	1.000	1.000	3977		
73-useOutputLayer-false 74-useHiddenLayer-false	useOutputLayer useHiddenLayer	TRUE TRUE	FALSE FALSE	121.2 116.4	4443.58 4134.1	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.966 0.927	1.170 1.088	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
75-restrictLabels-false	restrictLabels	TRUE	FALSE	112.43	4327.53	0.8556	0.7772	0.8146	806	136	231	0.896	1.139	1.000	1.000	1.000	1.000	1.000	1.000	3977		
84-Qnsize-50 69-useLC-true	QNsize useLC	25 FALSE	50 TRUE	117.2 136.8	4160.04 3961.16	0.8556 0.8553	0.7772 0.7869	0.8146 0.8197	806 816	136 138	231 221	0.934 1.090	1.095 1.043	1.000 1.000	1.000 1.012	1.000 1.006	1.000 1.012	1.000 1.015	1.000 0.957	3977 3977	2.8G	
47-useEntityRule-true	useEntityRule	FALSE	TRUE	121.9	4083.16	0.8553		0.8165	810	137	227	0.971	1.075	1.000	1.005	1.002	1.005	1.013	0.983	3977		
85-Qnsize-10 5-noMidNGrams	QNsize	25	10	142	4438.62	0.8553		0.8165	810	137	227	1.131	1.169	1.000	1.005	1.002	1.005	1.007	0.983	3977	2.1G	
5-nomianGrams 54-useReverse-true	noMidNGrams useReverse	TRUE FALSE	FALSE TRUE	136.2 123.9	3658.69 4017.17	0.8549 0.8547	0.7956 0.783	0.8242 0.8173	825 812	140 138	212 225	1.085 0.987	0.963 1.058	0.999 0.999	1.024 1.007	1.012 1.003	1.024 1.007	1.029 1.015	0.918 0.974	3977 3977		
8-maxNGramLeng-5	maxNGramLeng	6	5	116.1	4498.87	0.8541		0.8085	796	136	241	0.925	1.184	0.998	0.988	0.993	0.988	1.000	1.043	3977		
20-useTypeySequences-false 62-useDisjunctiveShapeInteraction-true	useTypeySequences useDisjunctiveShapeInteraction	TRUE FALSE	FALSE TRUE	125.2 149.7	4299.46 4404.21	0.854 0.8534		0.8143 0.7996	807 780	138 134	230 257	0.998 1.193	1.132 1.159	0.998 0.997	1.001 0.968	1.000 0.982	1.001 0.968	1.015 0.985	0.996 1.113	3977 3977		
68-use2W-true	use2W	FALSE	TRUE	130.8	4160.04	0.8519	0.7763	0.8123	805	140	232	1.042	1.095	0.996	0.999	0.997	0.999	1.029	1.004	3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	1.102	1.048	0.995	1.025	1.010	1.025	1.059	0.913	3977		
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509		0.8208	822	144	215	0.944	1.114	0.995	1.020	1.008	1.020	1.059	0.931	3977		
23-wordShape-dan2 25-wordShape-dan2bio	wordShape wordShape	chris2useLC chris2useLC	dan2 dan2bio	143.2 138.8	4100 4271.75	0.8502 0.8502		0.8178 0.8178	817 817	144 144	220 220	1.141 1.106	1.079 1.125	0.994 0.994	1.014 1.014	1.004 1.004	1.014 1.014	1.059 1.059	0.952 0.952	3977 3977		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502		0.8178	817	144	220	1.098	1.192	0.994	1.014	1.004	1.014	1.059	0.952	3977		
24-wordShape-dan2useLC 26-wordShape-dan2bioUseLC	wordShape wordShape	chris2useLC chris2useLC	dan2useLC dan2bioUseLC	119.4 119.3	4313.45 4394.48	0.8497 0.8497		0.8071 0.8071	797 797	141 141	240 240	0.951 0.951	1.136 1.157	0.993 0.993	0.989 0.989	0.991 0.991	0.989 0.989	1.037 1.037	1.039 1.039	3977 3977		
28-wordShape-jenny1useLC	wordShape	chris2useLC	jenny1useLC	118.5	4095.78	0.8497	0.7686	0.8071	797	141	240	0.944	1.078	0.993	0.989	0.991	0.989	1.037	1.039	3977		
82-sigma-2 32-wordShape-chris3useLC	sigma wordShape	1 chris2useLC	2 chris3useLC	158.2 124.1	4235.36 4248.93	0.8494 0.8488		0.8059 0.8099	795 803	141 143	242 234	1.261 0.989	1.115 1.119	0.993 0.992	0.986 0.996	0.989 0.994	0.986 0.996	1.037 1.051	1.048 1.013	3977 3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	0.946	1.139	0.992	0.993	0.992	0.993	1.051	1.026	3977		
40-conjoinShapeNGrams-true 9-maxNGramLeng-4	conjoinShapeNGrams maxNGramLeng	FALSE 6	TRUE 4	127.3 143	3914.37 4074.8	0.8475 0.843		0.8166 0.7972	817 784	147 146	220 253	1.014 1.139	1.031 1.073	0.991 0.985	1.014 0.973	1.002 0.979	1.014 0.973	1.081 1.074	0.952 1.095	3977 3977		
16-useSequences-false	useSequences	TRUE	FALSE	64.8	3225.47	0.8402	0.7811	0.8096	810	154	227	0.516	0.849	0.982	1.005	0.994	1.005	1.132	0.983	3977		
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402		0.8096	810	154	227	0.520	1.082	0.982	1.005	0.994	1.005	1.132	0.983	3977		
10-maxNGramLeng-3 81-sigma-3	maxNGramLeng sigma	6 1	3 3	128.9 253.8	4370.33 4208.47	0.839 0.8379		0.7883 0.8038	771 801	148 155	266 236	1.027 2.022	1.151 1.108	0.981 0.979	0.957 0.994	0.968 0.987	0.957 0.994	1.088 1.140	1.152 1.022	3977 3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	2.669	0.988	0.977	0.979	0.978	0.979	1.140	1.074	3977		
39-useMoreNeighborNGrams-true 13-usePrev-false	useMoreNeighborNGrams usePrev	FALSE TRUE	TRUE FALSE	141 65.1	3933.73 3961.16	0.8348 0.8328		0.7876 0.8046	773 807	153 162	264 230	1.124 0.519	1.036 1.043	0.976 0.973	0.959 1.001	0.967 0.988	0.959 1.001	1.125 1.191	1.143 0.996	3977 3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	3.289	1.083	0.973	0.945	0.958	0.945	1.125	1.190	3977		
11-maxNGramLeng-2 78-sigma-20	maxNGramLeng sigma	6 1	2 20	132.6 630.6	4199.58 4212.92	0.8247 0.823		0.7695 0.7666	748 744	159 160	289 293	1.057 5.025	1.106 1.109	0.964 0.962	0.928 0.923	0.945 0.941	0.928 0.923	1.169 1.176	1.251 1.268	3977 3977		
77-sigma-30	sigma	1	30	758.13	3748.35	0.8145	0.7155	0.7618	742	169	295	6.041	0.987	0.952	0.921	0.935	0.921	1.243	1.277	3977		
4-useNGrams-false 12-maxNGramLeng-1	useNGrams maxNGramLeng	TRUE 6	FALSE 1	148.9 138	3827.72 4177.52	0.8138 0.8138		0.7477 0.7477	717 717	164 164	320 320	1.186 1.100	1.008 1.100	0.951 0.951	0.890 0.890	0.918 0.918	0.890 0.890	1.206 1.206	1.385 1.385	3977 3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264		857	376	180	50.698	0.131	0.812	1.063	0.927	1.063	2.765	0.779	3977		

ordered-by-recall-ratio

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	Train time (sec)	Classifier test Speed (words/sec)	<u>Precision</u>	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> Positives	<u>False</u> <u>Negatives</u>	<u>Relative</u> <u>Train time</u> (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative <u>F1</u>	<u>Relative</u> <u>True</u> <u>Positives</u>	<u>Relative</u> <u>False</u> <u>Positives</u>	<u>Relative</u> <u>False</u> Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
0-recommended-properties	-	-	-	125.5	3798.47	0.8556		0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
93-optimal-configuration 76-useBagOfWords-true	- useBagOfWords	- FALSE	- TRUE	668.3 6362.6	2013.67 497.56	0.8651 0.6951	0.8284	0.8463	859 857	134 376	178 180	5.325 50.698	0.530 0.131	1.011 0.812	1.066 1.063	1.039 0.927	1.066 1.063	0.985 2.765	0.771 0.779	3977 3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.8264 0.7985	0.7551 0.8272	828	137	209	1.036	1.141	1.003	1.003	1.015	1.003	1.007	0.779	3977		
34-wordFunction-Lowercase	wordFunction	null	LowercaseAnd	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	1.102	1.048	0.995	1.025	1.010	1.025	1.059	0.913	3977		
AndAmericanizeFunction 5-noMidNGrams	noMidNGrams	TRUE	AmericanizeFunction FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	1.085	0.963	0.999	1.024	1.012	1.024	1.029	0.918	3977		
41-lowercaseNGrams-true	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662	0.7927	0.8278	822	127	215	1.135	1.035	1.012	1.020	1.016	1.020	0.934	0.931	3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1 chris3	161.1 118.5	4389.62 4230.85	0.8589 0.8509	0.7927 0.7927	0.8245 0.8208	822 822	135 144	215 215	1.284 0.944	1.156	1.004 0.995	1.020 1.020	1.012 1.008	1.020 1.020	0.993 1.059	0.931 0.931	3977 3977		
31-wordShape-chris3 22-wordShape-chris1	wordShape wordShape	chris2useLC chris2useLC	chris1	159.6	4013.12	0.8568	0.7927	0.8225	820	137	215	1.272	1.114 1.057	1.001	1.020	1.008	1.020	1.059	0.931	3977		
23-wordShape-dan2	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	1.141	1.079	0.994	1.014	1.004	1.014	1.059	0.952	3977		
25-wordShape-dan2bio 27-wordShape-jenny1	wordShape wordShape	chris2useLC chris2useLC	dan2bio jenny1	138.8 137.8	4271.75 4529.61	0.8502 0.8502	0.7878 0.7878	0.8178 0.8178	817 817	144 144	220 220	1.106 1.098	1.125 1.192	0.994 0.994	1.014 1.014	1.004 1.004	1.014 1.014	1.059 1.059	0.952 0.952	3977 3977		
40-conjoinShapeNGrams-true	conjoinShapeNGrams	FALSE	TRUE	127.3	3914.37	0.8475	0.7878	0.8166	817	147	220	1.014	1.031	0.991	1.014	1.004	1.014	1.033	0.952	3977		
2-useClassFeature-false	useClassFeature	TRUE	FALSE	125	3455.26	0.8617	0.7869	0.8226	816	131	221	0.996	0.910	1.007	1.012	1.010	1.012	0.963	0.957	3977		
69-useLC-true 15-useDisjunctive-false	useLC useDisjunctive	FALSE TRUE	TRUE FALSE	136.8 137.23	3961.16 4217.39	0.8553 0.867	0.7869 0.7859	0.8197 0.8245	816 815	138 125	221 222	1.090 1.093	1.043 1.110	1.000 1.013	1.012 1.011	1.006 1.012	1.012 1.011	1.015 0.919	0.957 0.961	3977 3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE	FALSE	118.9	4121.24	0.8597	0.7859	0.8212	815	133	222	0.947	1.085	1.005	1.011	1.008	1.011	0.978	0.961	3977		
19-useTypeSeqs2-false	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	1.010	1.091	1.001	1.011	1.006	1.011	1.007	0.961	3977		
44-useObservedSequencesOnly-true 86-Qnsize-5	useObservedSequencesOnly QNsize	FALSE 25	TRUE 5	65.1 165.1	5418.26 4212.92	0.8586 0.8586	0.785 0.785	0.8202 0.8202	814 814	134 134	223 223	0.519 1.316	1.426 1.109	1.004 1.004	1.010 1.010	1.007 1.007	1.010 1.010	0.985 0.985	0.965 0.965	3977 3977	2.0G	
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	1.025	1.068	1.005	1.009	1.007	1.009	0.971	0.970	3977		
6-maxNGramLeng-8	maxNGramLeng	6 TRUE	8 FALSE	141.2 115.5	4262.59 4029.38	0.8594 0.8611	0.784 0.783	0.82	813 812	133 131	224 225	1.125 0.920	1.122 1.061	1.004	1.009 1.007	1.007 1.007	1.009 1.007	0.978 0.963	0.970 0.974	3977 3977		
14-useNext-false 54-useReverse-true	useNext useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8202 0.8173	812	131	225	0.920	1.058	1.006 0.999	1.007	1.007	1.007	1.015	0.974	3977		
90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	1.763	0.793	1.003	1.006	1.005	1.006	0.985	0.978	3977		12.6M
49-useEntityTypeSequences-true 51-useNextSequences-true	useEntityTypeSequences useNextSequences	FALSE FALSE	TRUE TRUE	142.3 146.9	4239.87 4204.02	0.8617 0.8599	0.7811 0.7811	0.8194 0.8186	810 810	130 132	227 227	1.134 1.171	1.116 1.107	1.007 1.005	1.005 1.005	1.006 1.005	1.005 1.005	0.956 0.971	0.983 0.983	3977 3977		
89-featureDiffThresh-0.05	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	1.852	1.119	1.005	1.005	1.003	1.005	0.971	0.983	3977		10.6M
47-useEntityRule-true	useEntityRule	FALSE	TRUE	121.9	4083.16	0.8553	0.7811	0.8165	810	137	227	0.971	1.075	1.000	1.005	1.002	1.005	1.007	0.983	3977		
85-Qnsize-10 16-useSequences-false	QNsize useSequences	25 TRUE	10 FALSE	142 64.8	4438.62 3225.47	0.8553 0.8402	0.7811 0.7811	0.8165 0.8096	810 810	137 154	227 227	1.131 0.516	1.169 0.849	1.000 0.982	1.005 1.005	1.002 0.994	1.005 1.005	1.007 1.132	0.983 0.983	3977 3977	2.1G	
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7811	0.8096	810	154	227	0.520	1.082	0.982	1.005	0.994	1.005	1.132	0.983	3977		
58-disjunctionWidth-5	disjunctionWidth	4	5	134.8	4134.1	0.8643	0.7801	0.8201	809	127	228	1.074	1.088	1.010	1.004	1.007	1.004	0.934	0.987	3977		
48-useOrdinal-true 42-dehyphenateNGrams-true	useOrdinal dehyphenateNGrams	FALSE FALSE	TRUE TRUE	119.8 121.1	4013.12 3925.96	0.857 0.8596	0.7801 0.7792	0.8168 0.8174	809 808	135 132	228 229	0.955 0.965	1.057 1.034	1.002 1.005	1.004 1.003	1.003 1.003	1.004 1.002	0.993 0.971	0.987 0.991	3977 3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8162	808	135	229	1.090	1.048	1.001	1.003	1.002	1.002	0.993	0.991	3977		
33-wordShape-chris4 46-useEntityTypes-true	wordShape	chris2useLC FALSE	chris4 TRUE	113 122.5	3914.37 4204.02	0.8559 0.8622	0.7792	0.8157	808 807	136 129	229 230	0.900 0.976	1.031 1.107	1.000 1.008	1.003 1.001	1.001 1.004	1.002 1.001	1.000 0.949	0.991 0.996	3977 3977		
52-useLastRealWord-true	useEntityTypes useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782 0.7782	0.818 0.8164	807	133	230	0.976	1.107	1.008	1.001	1.004	1.001	0.949	0.996	3977		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	0.942	0.575	1.000	1.001	1.001	1.001	1.000	0.996	3977		
20-useTypeySequences-false 13-usePrev-false	useTypeySequences usePrev	TRUE TRUE	FALSE FALSE	125.2 65.1	4299.46 3961.16	0.854 0.8328	0.7782 0.7782	0.8143 0.8046	807 807	138 162	230 230	0.998 0.519	1.132 1.043	0.998 0.973	1.001 1.001	1.000 0.988	1.001 1.001	1.015 1.191	0.996 0.996	3977 3977		
64-useTags-true	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	0.959	1.122	1.013	1.000	1.006	1.000	0.912	1.000	3977		
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	1.636	1.101	1.001	1.000	1.000	1.000	0.993	1.000	3977		7.6M
30-wordShape-chris2useLC 35-initWithNERPosterior-true	wordShape initWithNERPosterior	chris2useLC FALSE	chris2useLC TRUE	116.4 117.6	4204.02 4276.34	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.927 0.937	1.107 1.126	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772		806	136	231	0.943	1.115	1.000	1.000	1.000	1.000	1.000	1.000	3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806 806	136 136	231	0.942	1.144	1.000	1.000 1.000	1.000	1.000	1.000 1.000	1.000 1.000	3977 3977		
45-useTitle-true 50-useLongSequences-true	useTitle useLongSequences	FALSE FALSE	TRUE TRUE	118.1 116.9	4173.14 4049.9	0.8556 0.8556	0.7772	0.8146 0.8146	806	136	231 231	0.941 0.931	1.099 1.066	1.000 1.000	1.000	1.000 1.000	1.000 1.000	1.000	1.000	3977 3977		
55-normalize-true	normalize	FALSE	TRUE	116	4493.79	0.8556	0.7772	0.8146	806	136	231	0.924	1.183	1.000	1.000	1.000	1.000	1.000	1.000	3977		
56-normalizeTimex-true 63-useBoundarySequences-true	normalizeTimex useBoundarySequences	FALSE FALSE	TRUE TRUE	116.1 116.4	4262.59 4244.4	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	0.925 0.927	1.122 1.117	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
65-useSymTags-true	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772		806	136	231	0.929	1.077	1.000	1.000	1.000	1.000	1.000	1.000	3977		
66-useTaggySequences-true	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.8146	806	136	231	0.933	1.059	1.000	1.000	1.000	1.000	1.000	1.000	3977		
67-useOccurrencePatterns-true 70-useViterbi-false	useOccurrencePatterns useViterbi	FALSE TRUE	TRUE FALSE	116.9 116.3	4221.87 4322.83	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.931 0.927	1.111 1.138	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
71-includeFullCRFInLOP-true	includeFullCRFInLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	0.970	1.106	1.000	1.000	1.000	1.000	1.000	1.000	3977		
72-backpropLopTraining-true 73-useOutputLayer-false	backpropLopTraining useOutputLayer	FALSE TRUE	TRUE FALSE	122 121.2	3969.06 4443.58	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.972 0.966	1.045 1.170	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	1.000 1.000	3977 3977		
73-useOutputLayer-false 74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556	0.7772		806	136	231	0.900	1.088	1.000	1.000	1.000	1.000	1.000	1.000	3977		
75-restrictLabels-false	restrictLabels	TRUE	FALSE	112.43	4327.53	0.8556			806	136	231	0.896	1.139	1.000	1.000	1.000	1.000	1.000	1.000	3977		
84-Qnsize-50 61-disjunctionWidth-1	QNsize disjunctionWidth	25 4	50 1	117.2 118.2	4160.04 4208.47	0.8556 0.8675	0.7772 0.7763		806 805	136 123	231 232	0.934 0.942	1.095 1.108	1.000 1.014	1.000 0.999	1.000 1.006	1.000 0.999	1.000 0.904	1.000 1.004	3977 3977	2.8G	
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	1.122	1.094	1.007	0.999	1.003	0.999	0.949	1.004	3977		
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7763	0.8148	805	134	232	9.500	0.192	1.002	0.999	1.000	0.999	0.985	1.004	3977		
38-useNeighborNGrams-true 68-use2W-true	useNeighborNGrams use2W	FALSE FALSE	TRUE TRUE	209.4 130.8	3827.72 4160.04	0.8564 0.8519	0.7763 0.7763		805 805	135 140	232 232	1.669 1.042	1.008 1.095	1.001 0.996	0.999 0.999	1.000 0.997	0.999 0.999	0.993 1.029	1.004 1.004	3977 3977		
87-Qnsize-2	QNsize	25	2	232.9	4290.18	0.8627	0.7753	0.8167	804	128	233	1.856	1.129	1.008	0.998	1.003	0.998	0.941	1.009	3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9 124.1	4341.7	0.8627	0.7753		804	128	233 234	0.916	1.143	1.008	0.998 0.996	1.003 0.994	0.998	0.941	1.009	3977 3977		
32-wordShape-chris3useLC 3-useWord-false	wordShape useWord	chris2useLC TRUE	chris3useLC FALSE	137.9	4248.93 3899.02	0.8488 0.8614	0.7743 0.7734	0.8099 0.815	803 802	143 129	234	0.989 1.099	1.119 1.026	0.992 1.007	0.995	1.000	0.996 0.995	1.051 0.949	1.013 1.017	3977 3977		
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734	0.8146	802	130	235	0.902	1.094	1.006	0.995	1.000	0.995	0.956	1.017	3977		
81-sigma-3 59-disjunctionWidth-3	sigma disjunctionWidth	1	3	253.8 115.8	4208.47 4217.39	0.8379 0.863	0.7724 0.7715	0.8038	801 800	155 127	236 237	2.022 0.923	1.108 1.110	0.979 1.009	0.994 0.993	0.987 1.000	0.994 0.993	1.140 0.934	1.022 1.026	3977 3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715		800	127	237	0.925	1.121	1.009	0.993	1.000	0.993	0.934	1.026	3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	0.946	1.139	0.992	0.993	0.992	0.993	1.051	1.026	3977		
24-wordShape-dan2useLC 26-wordShape-dan2bioUseLC	wordShape wordShape	chris2useLC chris2useLC	dan2useLC dan2bioUseLC	119.4 119.3	4313.45 4394.48	0.8497 0.8497	0.7686 0.7686	0.8071 0.8071	797 797	141 141	240 240	0.951 0.951	1.136 1.157	0.993 0.993	0.989 0.989	0.991 0.991	0.989 0.989	1.037 1.037	1.039 1.039	3977 3977		
28-wordShape-jenny1useLC	wordShape	chris2useLC	jenny1useLC	118.5	4095.78	0.8497	0.7686	0.8071	797	141	240	0.944	1.078	0.993	0.989	0.991	0.989	1.037	1.039	3977		
8-maxNGramLeng-5	maxNGramLeng	6	5	116.1	4498.87	0.8541	0.7676		796	136	241	0.925	1.184	0.998	0.988	0.993	0.988	1.000	1.043	3977		
82-sigma-2 80-sigma-5	sigma sigma	1 1	2 5	158.2 334.9	4235.36 3751.89	0.8494 0.8358	0.7666 0.7608	0.8059 0.7966	795 789	141 155	242 248	1.261 2.669	1.115 0.988	0.993 0.977	0.986 0.979	0.989 0.978	0.986 0.979	1.037 1.140	1.048 1.074	3977 3977		
9-maxNGramLeng-4	maxNGramLeng	6	4	143	4074.8	0.843	0.756	0.7972	784	146	253	1.139	1.073	0.985	0.973	0.979	0.973	1.074	1.074	3977		
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7	4404.21	0.8534		0.7996	780 772	134	257	1.193	1.159	0.997	0.968	0.982	0.968	0.985	1.113	3977		
39-useMoreNeighborNGrams-true 10-maxNGramLeng-3	useMoreNeighborNGrams maxNGramLeng	FALSE 6	TRUE 3	141 128.9	3933.73 4370.33	0.8348 0.839	0.7454	0.7876 0.7883	773 771	153 148	264 266	1.124 1.027	1.036 1.151	0.976 0.981	0.959 0.957	0.967 0.968	0.959 0.957	1.125 1.088	1.143 1.152	3977 3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	3.289	1.083	0.973	0.945	0.958	0.945	1.125	1.190	3977		
11-maxNGramLeng-2	maxNGramLeng sigma	6 1	2 20	132.6 630.6	4199.58 4212.92	0.8247 0.823	0.7213	0.7695 0.7666	748 744	159 160	289 293	1.057 5.025	1.106 1.109	0.964 0.962	0.928 0.923	0.945 0.941	0.928 0.923	1.169 1.176	1.251 1.268	3977 3977		
78-sigma-20 77-sigma-30	sigma sigma	1	30	758.13	4212.92 3748.35	0.823	0.7175 0.7155		744 742	169	293 295	6.041	0.987	0.962	0.923	0.941	0.923	1.176	1.268	3977		
4-useNGrams-false	useNGrams	TRUE	FALSE	148.9	3827.72	0.8138	0.6914	0.7477	717	164	320	1.186	1.008	0.951	0.890	0.918	0.890	1.206	1.385	3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	1.100	1.100	0.951	0.890	0.918	0.890	1.206	1.385	3977		

ordered-by-train-time

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	<u>Recommended</u> <u>Value</u>	<u>Test</u> <u>Value</u>	<u>Train time</u> (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> Positives	<u>False</u> <u>Negatives</u>	Relative Train time (sec)	Relative Classifier test Speed	Relative Precision	<u>Relative</u> <u>Recall</u>	Relative <u>F1</u>	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	1.000	(words/sec) 1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
1-maxLeft-2 77-sigma-30	maxLeft sigma	1 1	2 30	1192.2 758.13	728.39 3748.35	0.8573 0.8145	0.7763 0.7155	0.8148 0.7618	805 742	134 169	232 295	0.187 0.119	1.464 7.533	1.233 1.172	0.939 0.866	1.079 1.009	0.939 0.866	0.356 0.449	1.289 1.639	3977 3977		
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	0.105	4.047	1.245	1.002	1.121	1.002	0.356	0.989	3977		
78-sigma-20 79-sigma-10	sigma sigma	1	20 10	630.6 412.8	4212.92 4112.72	0.823 0.8328	0.7175 0.7348	0.7666 0.7807	744 762	160 153	293 275	0.099 0.065	8.467 8.266	1.184 1.198	0.868 0.889	1.015 1.034	0.868 0.889	0.426 0.407	1.628 1.528	3977 3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	0.053	7.541	1.202	0.921	1.055	0.921	0.412	1.378	3977		
81-sigma-3 87-Qnsize-2	sigma QNsize	1 25	3	253.8 232.9	4208.47 4290.18	0.8379 0.8627	0.7724 0.7753	0.8038 0.8167	801 804	155 128	236 233	0.040 0.037	8.458 8.622	1.205 1.241	0.935 0.938	1.064 1.082	0.935 0.938	0.412 0.340	1.311 1.294	3977 3977	1.8G	
89-featureDiffThresh-0.05	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	0.037	8.540	1.233	0.945	1.083	0.945	0.359	1.261	3977	1.00	10.6M
90-featureDiffThresh-0.025 38-useNeighborNGrams-true	featureDiffThresh useNeighborNGrams	0 FALSE	0.025 TRUE	221.2 209.4	3010.6 3827.72	0.8582 0.8564	0.7821 0.7763	0.8184 0.8144	811 805	134 135	226 232	0.035 0.033	6.051 7.693	1.235 1.232	0.946 0.939	1.084 1.079	0.946 0.939	0.356 0.359	1.256 1.289	3977 3977		12.6M
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	0.032	8.405	1.232	0.940	1.079	0.940	0.359	1.283	3977		7.6M
86-Qnsize-5 21-wordShape-dan1	QNsize wordShape	25 chris2useLC	5 dan1	165.1 161.1	4212.92 4389.62	0.8586 0.8589	0.785 0.7927	0.8202 0.8245	814 822	134 135	223 215	0.026 0.025	8.467 8.822	1.235 1.236	0.950 0.959	1.086 1.092	0.950 0.959	0.356 0.359	1.239 1.194	3977 3977	2.0G	
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	0.025	8.066	1.233	0.957	1.089	0.957	0.364	1.206	3977		
82-sigma-2 62-useDisjunctiveShapeInteraction-true	sigma useDisjunctiveShapeInteraction	1 FALSE	2 TRUE	158.2 149.7	4235.36 4404.21	0.8494 0.8534	0.7666 0.7522	0.8059 0.7996	795 780	141 134	242 257	0.025 0.024	8.512 8.852	1.222 1.228	0.928 0.910	1.067 1.059	0.928 0.910	0.375 0.356	1.344 1.428	3977 3977		
4-useNGrams-false	useNGrams	TRUE	FALSE	148.9	3827.72	0.8138	0.6914	0.7477	717	164	320	0.023	7.693	1.171	0.837	0.990	0.837	0.436	1.778	3977		
51-useNextSequences-true	useNextSequences	FALSE	TRUE	146.9	4204.02	0.8599	0.7811	0.8186	810	132	227	0.023 0.023	8.449	1.237	0.945	1.084 1.083	0.945	0.351	1.261	3977 3977		
23-wordShape-dan2 9-maxNGramLeng-4	wordShape maxNGramLeng	chris2useLC 6	dan2 4	143.2 143	4100 4074.8	0.8502 0.843	0.7878 0.756	0.8178 0.7972	817 784	144 146	220 253	0.023	8.240 8.190	1.223 1.213	0.953 0.915	1.056	0.953 0.915	0.383 0.388	1.222 1.406	3977		
41-lowercaseNGrams-true	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662	0.7927	0.8278	822	127	215	0.022	7.898	1.246	0.959	1.096	0.959	0.338	1.194	3977		
49-useEntityTypeSequences-true 85-Qnsize-10	useEntityTypeSequences QNsize	FALSE 25	TRUE 10	142.3 142	4239.87 4438.62	0.8617 0.8553	0.7811 0.7811	0.8194 0.8165	810 810	130 137	227 227	0.022 0.022	8.521 8.921	1.240 1.230	0.945 0.945	1.085 1.081	0.945 0.945	0.346 0.364	1.261 1.261	3977 3977	2.1G	
6-maxNGramLeng-8	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	0.022	8.567	1.236	0.949	1.086	0.949	0.354	1.244	3977		
39-useMoreNeighborNGrams-true 37-useWordPairs-true	useMoreNeighborNGrams useWordPairs	FALSE FALSE	TRUE TRUE	141 140.8	3933.73 4155.69	0.8348 0.8619	0.7454 0.7763	0.7876 0.8168	773 805	153 129	264 232	0.022 0.022	7.906 8.352	1.201 1.240	0.902 0.939	1.043 1.082	0.902 0.939	0.407 0.343	1.467 1.289	3977 3977		
25-wordShape-dan2bio	wordShape	chris2useLC	dan2bio	138.8	4271.75	0.8502	0.7878	0.8178	817	144	220	0.022	8.585	1.223	0.953	1.083	0.953	0.383	1.222	3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	0.022	8.001	1.225	0.964	1.090	0.964	0.383	1.172	3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	0.022	8.396	1.171	0.837	0.990	0.837	0.436	1.778	3977		
3-useWord-false 27-wordShape-jenny1	useWord wordShape	TRUE chris2useLC	FALSE jenny1	137.9 137.8	3899.02 4529.61	0.8614 0.8502	0.7734 0.7878	0.815 0.8178	802 817	129 144	235 220	0.022 0.022	7.836 9.104	1.239 1.223	0.936 0.953	1.079 1.083	0.936 0.953	0.343 0.383	1.306 1.222	3977 3977		
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	0.022	8.476	1.247	0.951	1.092	0.951	0.332	1.233	3977		
69-useLC-true 91-sloppyGazette-true	useLC sloppyGazette	FALSE FALSE	TRUE TRUE	136.8 136.8	3961.16 3980.98	0.8553 0.8568	0.7869 0.7792	0.8197 0.8162	816 808	138 135	221 229	0.022 0.022	7.961 8.001	1.230 1.233	0.952 0.943	1.086 1.081	0.952 0.943	0.367 0.359	1.228 1.272	3977 3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956	0.8102	825	140	212	0.022	7.353	1.230	0.963	1.092	0.943	0.339	1.178	3977		
58-disjunctionWidth-5	disjunctionWidth	4	5	134.8	4134.1	0.8643	0.7801	0.8201	809	127	228	0.021	8.309	1.243	0.944	1.086	0.944	0.338	1.267	3977		
11-maxNGramLeng-2 68-use2W-true	maxNGramLeng use2W	FALSE	2 TRUE	132.6 130.8	4199.58 4160.04	0.8247 0.8519	0.7213 0.7763	0.7695 0.8123	748 805	159 140	289 232	0.021 0.021	8.440 8.361	1.186 1.226	0.873 0.939	1.019 1.076	0.873 0.939	0.423 0.372	1.606 1.289	3977 3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	0.020	8.707	1.234	0.966	1.095	0.966	0.364	1.161	3977		
10-maxNGramLeng-3 7-maxNGramLeng-7	maxNGramLeng maxNGramLeng	6 6	3 7	128.9 128.6	4370.33 4058.16	0.839 0.8603	0.7435 0.784	0.7883 0.8204	771 813	148 132	266 224	0.020 0.020	8.784 8.156	1.207 1.238	0.900 0.949	1.044 1.086	0.900 0.949	0.394 0.351	1.478 1.244	3977 3977		
40-conjoinShapeNGrams-true	conjoinShapeNGrams	FALSE	TRUE	127.3	3914.37	0.8475	0.7878	0.8166	817	147	220	0.020	7.867	1.219	0.953	1.081	0.953	0.391	1.222	3977		
19-useTypeSeqs2-false 0-recommended-properties	useTypeSeqs2	TRUE -	FALSE	126.8 125.5	4142.71 3798.47	0.8561 0.8556	0.7859 0.7772	0.8195 0.8146	815 806	137 136	222 231	0.020	8.326	1.232	0.951	1.085	0.951	0.364	1.233	3977 3977	2.7G	16.5M
20-useTypeySequences-false	useTypeySequences	TRUE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	0.020	8.641	1.229	0.942	1.078	0.942	0.367	1.278	3977	20	10.0
2-useClassFeature-false 32-wordShape-chris3useLC	useClassFeature wordShape	TRUE chris2useLC	FALSE chris3useLC	125 124.1	3455.26 4248.93	0.8617 0.8488	0.7869 0.7743	0.8226 0.8099	816 803	131 143	221 234	0.020 0.020	6.944 8.540	1.240 1.221	0.952 0.937	1.089 1.073	0.952 0.937	0.348 0.380	1.228 1.300	3977 3977		
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	812	138	225	0.019	8.074	1.230	0.947	1.082	0.947	0.367	1.250	3977		
52-useLastRealWord-true	useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782	0.8164	807 807	133	230	0.019	8.396	1.235	0.942	1.081	0.942	0.354	1.278	3977		
46-useEntityTypes-true 72-backpropLopTraining-true	useEntityTypes backpropLopTraining	FALSE FALSE	TRUE TRUE	122.5 122	4204.02 3969.06	0.8622 0.8556	0.7782 0.7772	0.818 0.8146	806	129 136	230 231	0.019 0.019	8.449 7.977	1.240 1.231	0.942 0.940	1.083 1.079	0.942 0.940	0.343 0.362	1.278 1.283	3977 3977		
47-useEntityRule-true	useEntityRule	FALSE	TRUE	121.9	4083.16	0.8553	0.7811	0.8165	810	137	227	0.019	8.206	1.230	0.945	1.081	0.945	0.364	1.261	3977		
71-includeFullCRFInLOP-true 73-useOutputLayer-false	includeFullCRFInLOP useOutputLayer	FALSE TRUE	TRUE FALSE	121.7 121.2	4199.58 4443.58	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.019 0.019	8.440 8.931	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	0.019	7.890	1.237	0.943	1.083	0.943	0.351	1.272	3977		
64-useTags-true 48-useOrdinal-true	useTags useOrdinal	FALSE FALSE	TRUE TRUE	120.4 119.8	4262.59 4013.12	0.8667 0.857	0.7772 0.7801	0.8195	806 809	124 135	231 228	0.019 0.019	8.567 8.066	1.247 1.233	0.940 0.944	1.085 1.082	0.940 0.944	0.330 0.359	1.283 1.267	3977 3977		
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	0.019	8.669	1.222	0.930	1.069	0.930	0.375	1.333	3977		
26-wordShape-dan2bioUseLC 18-useTypeSeqs-false	wordShape useTypeSeqs	chris2useLC TRUE	dan2bioUseLC FALSE	119.3 118.9	4394.48 4121.24	0.8497 0.8597	0.7686 0.7859	0.8071 0.8212	797 815	141 133	240 222	0.019 0.019	8.832 8.283	1.222 1.237	0.930 0.951	1.069 1.088	0.930 0.951	0.375 0.354	1.333 1.233	3977 3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	0.019	8.698	1.221	0.934	1.070	0.933	0.380	1.317	3977		
31-wordShape-chris3 28-wordShape-jenny1useLC	wordShape wordShape	chris2useLC chris2useLC	chris3 jenny1useLC	118.5 118.5	4230.85 4095.78	0.8509 0.8497	0.7927 0.7686	0.8208 0.8071	822 797	144 141	215 240	0.019 0.019	8.503 8.232	1.224 1.222	0.959 0.930	1.087 1.069	0.959 0.930	0.383 0.375	1.194 1.333	3977 3977		
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	0.019	8.512	1.231	0.940	1.079	0.940	0.362	1.283	3977		
61-disjunctionWidth-1 83-inferenceType-Beam	disjunctionWidth inferenceType	4 Viterbi	1 Beam	118.2 118.2	4208.47 2185.16	0.8675 0.8558	0.7763 0.7782	0.8193 0.8152	805 807	123 136	232 230	0.019 0.019	8.458 4.392	1.248 1.231	0.939 0.942	1.085 1.080	0.939 0.942	0.327 0.362	1.289 1.278	3977 3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	0.019	8.736	1.231	0.940	1.079	0.940	0.362	1.283	3977		
45-useTitle-true 35-initWithNERPosterior-true	useTitle initWithNERPosterior	FALSE FALSE	TRUE TRUE	118.1 117.6	4173.14 4276.34	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.019 0.018	8.387 8.595	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
84-Qnsize-50	QNsize	25	50	117.2	4160.04	0.8556		0.8146	806	136	231	0.018	8.361	1.231	0.940	1.079	0.940	0.362	1.283	3977	2.8G	
66-useTaggySequences-true 50-useLongSequences-true	useTaggySequences useLongSequences	FALSE FALSE	TRUE TRUE	117.1 116.9	4021.23 4049.9	0.8556 0.8556	0.7772	0.8146 0.8146	806 806	136 136	231 231	0.018 0.018	8.082 8.140	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772		806	136	231	0.018	8.485	1.231	0.940	1.079	0.940	0.362	1.283	3977		
65-useSymTags-true	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772	0.8146	806	136	231	0.018	8.223	1.231	0.940	1.079	0.940	0.362	1.283	3977		
30-wordShape-chris2useLC 63-useBoundarySequences-true	wordShape useBoundarySequences	chris2useLC FALSE	chris2useLC TRUE	116.4 116.4	4204.02 4244.4	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.018 0.018	8.449 8.530	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556		0.8146	806	136	231	0.018	8.309	1.231	0.940	1.079	0.940	0.362	1.283	3977		
70-useViterbi-false 60-disjunctionWidth-2	useViterbi disjunctionWidth	TRUE 4	FALSE 2	116.3 116.1	4322.83 4258.03	0.8556 0.863	0.7715	0.8146 0.8147	806 800	136 127	231 237	0.018 0.018	8.688 8.558	1.231 1.242	0.940 0.934	1.079 1.079	0.940 0.933	0.362 0.338	1.283 1.317	3977 3977		
56-normalizeTimex-true	normalizeTimex	FALSE	TRUE	116.1	4262.59	0.8556	0.7772	0.8146	806	136	231	0.018	8.567	1.231	0.940	1.079	0.940	0.362	1.283	3977		
8-maxNGramLeng-5 55-normalize-true	maxNGramLeng normalize	6 FALSE	5 TRUE	116.1 116	4498.87 4493.79	0.8541 0.8556	0.7676 0.7772	0.8085 0.8146	796 806	136 136	241 231	0.018 0.018	9.042 9.032	1.229 1.231	0.929 0.940	1.071 1.079	0.929 0.940	0.362 0.362	1.339 1.283	3977 3977		
59-disjunctionWidth-3	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	0.8147	800	127	237	0.018	8.476	1.242	0.934	1.079	0.933	0.338	1.317	3977		
14-useNext-false 92-cleanGazette-true	useNext cleanGazette	TRUE FALSE	FALSE TRUE	115.5 114.9	4029.38 4341.7	0.8611 0.8627	0.783 0.7753	0.8202 0.8167	812 804	131 128	225 233	0.018 0.018	8.098 8.726	1.239 1.241	0.947 0.938	1.086 1.082	0.947 0.938	0.348 0.340	1.250 1.294	3977 3977		
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734	0.8146	802	130	235	0.018	8.352	1.238	0.936	1.079	0.936	0.346	1.306	3977		
33-wordShape-chris4 75-restrictLabels-false	wordShape	chris2useLC TRUE	chris4 FALSE	113 112.43	3914.37 4327.53	0.8559 0.8556	0.7792	0.8157	808 806	136 136	229 231	0.018 0.018	7.867 8.698	1.231 1.231	0.943 0.940	1.080 1.079	0.943 0.940	0.362 0.362	1.272 1.283	3977 3977		
75-restrictLabels-taise 17-usePrevSequences-false	restrictLabels usePrevSequences	TRUE	FALSE FALSE	65.2	4327.53 4108.47	0.8556	0.7772 0.7811	0.8146	806 810	136 154	231	0.018	8.698 8.257	1.231	0.940	1.079	0.940	0.362	1.283	3977 3977		
44-useObservedSequencesOnly-true	useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785	0.8202	814	134	223	0.010	10.890	1.235	0.950	1.086	0.950	0.356	1.239	3977		
13-usePrev-false 16-useSequences-false	usePrev useSequences	TRUE TRUE	FALSE FALSE	65.1 64.8	3961.16 3225.47	0.8328 0.8402	0.7782 0.7811	0.8046 0.8096	807 810	162 154	230 227	0.010 0.010	7.961 6.483	1.198 1.209	0.942 0.945	1.066 1.072	0.942 0.945	0.431 0.410	1.278 1.261	3977 3977		

ordered-by-classifier-speed

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	<u>Train time</u> (sec)	Classifier test Speed (words/sec)	<u>Precision</u>	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> <u>Positives</u>	<u>False</u> Negatives	Relative Train time (sec)	<u>Relative</u> <u>Classifier test</u> <u>Speed</u> (words/sec)	Relative Precision	<u>Relative</u> <u>Recall</u>	<u>Relative</u> <u>F1</u>	Relative True Positives	<u>Relative</u> <u>False</u> <u>Positives</u>	<u>Relative</u> <u>False</u> Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
44-useObservedSequencesOnly-true	useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785 0.7878	0.8202	814	134	223	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
27-wordShape-jenny1 8-maxNGramLeng-5	wordShape maxNGramLeng	chris2useLC 6	jenny1 5	137.8 116.1	4529.61 4498.87	0.8502 0.8541	0.7878	0.8178 0.8085	817 796	144 136	220 241	2.117 1.783	0.836 0.830	0.990 0.995	1.004 0.978	0.997 0.986	1.004 0.978	1.075 1.015	0.987 1.081	3977 3977		
55-normalize-true 73-useOutputLayer-false	normalize useOutputLayer	FALSE TRUE	TRUE FALSE	116 121.2	4493.79 4443.58	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	1.782 1.862	0.829 0.820	0.997 0.997	0.990 0.990	0.993 0.993	0.990 0.990	1.015 1.015	1.036 1.036	3977 3977		
85-Qnsize-10	QNsize	25	10	142	4443.56	0.8553	0.7772	0.8165	810	137	227	2.181	0.820	0.996	0.995	0.995	0.995	1.015	1.018	3977	2.1G	
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7 119.3	4404.21 4394.48	0.8534 0.8497	0.7522	0.7996	780	134 141	257 240	2.300 1.833	0.813	0.994	0.958 0.979	0.975 0.984	0.958 0.979	1.000 1.052	1.152 1.076	3977 3977		
26-wordShape-dan2bioUseLC 21-wordShape-dan1	wordShape wordShape	chris2useLC chris2useLC	dan2bioUseLC dan1	161.1	4394.46	0.8589	0.7686 0.7927	0.8071 0.8245	797 822	135	215	2.475	0.811 0.810	0.990 1.000	1.010	1.005	1.010	1.052	0.964	3977		
10-maxNGramLeng-3	maxNGramLeng	6	3 FALSE	128.9	4370.33 4346.45	0.839	0.7435	0.7883	771	148	266	1.980	0.807	0.977	0.947 0.990	0.961 0.993	0.947	1.104	1.193	3977		
43-useKnownLCWords-false 92-cleanGazette-true	useKnownLCWords cleanGazette	TRUE FALSE	TRUE	118.2 114.9	4340.45	0.8556 0.8627	0.7772 0.7753	0.8146 0.8167	806 804	136 128	231 233	1.816 1.765	0.802 0.801	0.997 1.005	0.988	0.993	0.990 0.988	1.015 0.955	1.036 1.045	3977 3977		
29-wordShape-chris2	wordShape	chris2useLC 4	chris2 6	130	4332.24	0.858 0.8484	0.7985	0.8272	828	137	209	1.997	0.800	0.999	1.017 0.983	1.009	1.017 0.983	1.022	0.937 1.063	3977		
57-disjunctionWidth-6 75-restrictLabels-false	disjunctionWidth restrictLabels	TRUE	FALSE	118.7 112.43	4327.53 4327.53	0.8484	0.7715 0.7772	0.8081 0.8146	800 806	143 136	237 231	1.823 1.727	0.799 0.799	0.988 0.997	0.983	0.985 0.993	0.983	1.067 1.015	1.063	3977 3977		
70-useViterbi-false	useViterbi	TRUE	FALSE	116.3	4322.83	0.8556	0.7772	0.8146	806	136	231	1.786	0.798	0.997	0.990	0.993	0.990	1.015	1.036	3977		
24-wordShape-dan2useLC 20-useTypeySequences-false	wordShape useTypeySequences	chris2useLC TRUE	dan2useLC FALSE	119.4 125.2	4313.45 4299.46	0.8497 0.854	0.7686 0.7782	0.8071 0.8143	797 807	141 138	240 230	1.834 1.923	0.796 0.794	0.990 0.995	0.979 0.991	0.984 0.993	0.979 0.991	1.052 1.030	1.076 1.031	3977 3977		
87-Qnsize-2	QNsize	25	2	232.9	4290.18	0.8627	0.7753	0.8167	804	128	233	3.578	0.792	1.005	0.988	0.996	0.988	0.955	1.045	3977	1.8G	
35-initWithNERPosterior-true 25-wordShape-dan2bio	initWithNERPosterior wordShape	FALSE chris2useLC	TRUE dan2bio	117.6 138.8	4276.34 4271.75	0.8556 0.8502	0.7772 0.7878	0.8146 0.8178	806 817	136 144	231 220	1.806 2.132	0.789 0.788	0.997 0.990	0.990 1.004	0.993 0.997	0.990 1.004	1.015 1.075	1.036 0.987	3977 3977		
6-maxNGramLeng-8	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	2.169	0.787	1.001	0.999	1.000	0.999	0.993	1.004	3977		
64-useTags-true 56-normalizeTimex-true	useTags normalizeTimex	FALSE FALSE	TRUE TRUE	120.4 116.1	4262.59 4262.59	0.8667 0.8556	0.7772 0.7772	0.8195 0.8146	806 806	124 136	231 231	1.849 1.783	0.787 0.787	1.009 0.997	0.990 0.990	0.999 0.993	0.990 0.990	0.925 1.015	1.036 1.036	3977 3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	1.783	0.786	1.005	0.983	0.993	0.983	0.948	1.063	3977		
89-featureDiffThresh-0.05 32-wordShape-chris3useLC	featureDiffThresh wordShape	0 chris2useLC	0.05 chris3useLC	232.4 124.1	4248.93 4248.93	0.8571 0.8488	0.7811 0.7743	0.8174 0.8099	810 803	135 143	227 234	3.570 1.906	0.784 0.784	0.998 0.989	0.995 0.986	0.997 0.987	0.995 0.986	1.007 1.067	1.018 1.049	3977 3977		10.6M
63-useBoundarySequences-true	useBoundarySequences	FALSE	TRUE	116.4	4244.4	0.8556	0.7772	0.8146	806	136	231	1.788	0.783	0.997	0.990	0.993	0.990	1.015	1.036	3977		
49-useEntityTypeSequences-true 82-sigma-2	useEntityTypeSequences sigma	FALSE 1	TRUE 2	142.3 158.2	4239.87 4235.36	0.8617 0.8494	0.7811 0.7666	0.8194 0.8059	810 795	130 141	227 242	2.186 2.430	0.783 0.782	1.004 0.989	0.995 0.977	0.999 0.983	0.995 0.977	0.970 1.052	1.018 1.085	3977 3977		
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	1.819	0.782	0.997	0.990	0.993	0.990	1.015	1.036	3977		
31-wordShape-chris3 67-useOccurrencePatterns-true	wordShape useOccurrencePatterns	chris2useLC FALSE	chris3 TRUE	118.5 116.9	4230.85 4221.87	0.8509 0.8556	0.7927 0.7772	0.8208 0.8146	822 806	144 136	215 231	1.820 1.796	0.781 0.779	0.991 0.997	1.010 0.990	1.001 0.993	1.010 0.990	1.075 1.015	0.964 1.036	3977 3977		
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	2.108	0.778	1.010	1.001	1.005	1.001	0.933	0.996	3977		
59-disjunctionWidth-3 78-sigma-20	disjunctionWidth sigma	4 1	3 20	115.8 630.6	4217.39 4212.92	0.863 0.823	0.7715 0.7175	0.8147 0.7666	800 744	127 160	237 293	1.779 9.687	0.778 0.778	1.005 0.959	0.983 0.914	0.993 0.935	0.983 0.914	0.948 1.194	1.063 1.314	3977 3977		
86-Qnsize-5	QNsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	2.536	0.778	1.000	1.000	1.000	1.000	1.000	1.000	3977	2.0G	
81-sigma-3 61-disjunctionWidth-1	sigma disjunctionWidth	1	3 1	253.8 118.2	4208.47 4208.47	0.8379 0.8675	0.7724 0.7763	0.8038 0.8193	801 805	155 123	236 232	3.899 1.816	0.777 0.777	0.976 1.010	0.984 0.989	0.980 0.999	0.984 0.989	1.157 0.918	1.058 1.040	3977 3977		
51-useNextSequences-true	useNextSequences	FALSE	TRUE	146.9	4204.02	0.8599	0.7811	0.8186	810	132	227	2.257	0.776	1.002	0.995	0.998	0.995	0.985	1.018	3977		
46-useEntityTypes-true 30-wordShape-chris2useLC	useEntityTypes wordShape	FALSE chris2useLC	TRUE chris2useLC	122.5 116.4	4204.02 4204.02	0.8622 0.8556	0.7782 0.7772	0.818 0.8146	807 806	129 136	230 231	1.882 1.788	0.776 0.776	1.004 0.997	0.991 0.990	0.997 0.993	0.991 0.990	0.963 1.015	1.031 1.036	3977 3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7712	0.7695	748	159	289	2.037	0.775	0.961	0.919	0.938	0.919	1.187	1.296	3977		
71-includeFullCRFInLOP-true 88-featureDiffThresh-0.1	includeFullCRFInLOP featureDiffThresh	FALSE 0	TRUE	121.7 205.3	4199.58 4181.91	0.8556 0.8565	0.7772	0.8146 0.815	806 806	136 135	231 231	1.869 3.154	0.775 0.772	0.997 0.998	0.990 0.990	0.993 0.994	0.990 0.990	1.015 1.007	1.036 1.036	3977 3977		7.6M
12-maxNGramLeng-1	maxNGramLeng	6	0.1 1	138	4161.91	0.8138	0.7772 0.6914	0.7477	717	164	320	2.120	0.772	0.948	0.881	0.994	0.990	1.224	1.435	3977		7.0101
52-useLastRealWord-true 45-useTitle-true	useLastRealWord useTitle	FALSE FALSE	TRUE TRUE	123.3 118.1	4177.52 4173.14	0.8585 0.8556	0.7782 0.7772	0.8164 0.8146	807 806	133 136	230 231	1.894 1.814	0.771 0.770	1.000 0.997	0.991 0.990	0.995 0.993	0.991 0.990	0.993 1.015	1.031 1.036	3977 3977		
68-use2W-true	use2W	FALSE	TRUE	130.8	4173.14	0.8519	0.7763	0.8123	805	140	231	2.009	0.770	0.997	0.989	0.993	0.990	1.015	1.036	3977		
84-Qnsize-50 37-useWordPairs-true	QNsize useWordPairs	25 FALSE	50 TRUE	117.2 140.8	4160.04 4155.69	0.8556 0.8619	0.7772 0.7763	0.8146 0.8168	806 805	136 129	231 232	1.800 2.163	0.768 0.767	0.997 1.004	0.990 0.989	0.993 0.996	0.990 0.989	1.015 0.963	1.036 1.040	3977 3977	2.8G	
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734	0.8146	802	130	235	1.739	0.767	1.004	0.985	0.993	0.985	0.963	1.054	3977		
19-useTypeSeqs2-false	useTypeSeqs2	TRUE 4	FALSE 5	126.8	4142.71	0.8561 0.8643	0.7859	0.8195	815	137	222	1.948	0.765	0.997	1.001	0.999	1.001	1.022 0.948	0.996	3977 3977		
58-disjunctionWidth-5 74-useHiddenLayer-false	disjunctionWidth useHiddenLayer	TRUE	FALSE	134.8 116.4	4134.1 4134.1	0.8556	0.7801 0.7772	0.8201 0.8146	809 806	127 136	228 231	2.071 1.788	0.763 0.763	1.007 0.997	0.994 0.990	1.000 0.993	0.994 0.990	1.015	1.022 1.036	3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE 1	FALSE 10	118.9	4121.24 4112.72	0.8597 0.8328	0.7859 0.7348	0.8212 0.7807	815 762	133	222 275	1.826 6.341	0.761 0.759	1.001 0.970	1.001 0.936	1.001 0.952	1.001 0.936	0.993 1.142	0.996 1.233	3977 3977		
79-sigma-10 17-usePrevSequences-false	sigma usePrevSequences	TRUE	FALSE	412.8 65.2	4112.72	0.8402	0.7811	0.8096	810	153 154	227	1.002	0.758	0.979	0.995	0.932	0.930	1.142	1.018	3977		
23-wordShape-dan2 28-wordShape-jenny1useLC	wordShape wordShape	chris2useLC	dan2 ienny1usel C	143.2 118.5	4100 4095 78	0.8502 0.8497	0.7878	0.8178	817 797	144 141	220 240	2.200 1.820	0.757 0.756	0.990	1.004	0.997	1.004	1.075 1.052	0.987 1.076	3977 3977		
65-useSymTags-true	useSymTags	FALSE	TRUE	116.6	4093.76	0.8556	0.7772	0.8146	806	136	231	1.791	0.755	0.997	0.990	0.993	0.990	1.032	1.036	3977		
47-useEntityRule-true	useEntityRule	FALSE 6	TRUE 4	121.9 143	4083.16 4074.8	0.8553 0.843		0.8165 0.7972	810 784	137	227	1.873	0.754	0.996 0.982	0.995 0.963	0.995 0.972	0.995 0.963	1.022	1.018	3977 3977		
9-maxNGramLeng-4 7-maxNGramLeng-7	maxNGramLeng maxNGramLeng	6	7	128.6	4074.8	0.8603	0.756 0.784	0.8204	813	146 132	253 224	2.197 1.975	0.752 0.749	1.002	0.999	1.000	0.999	1.090 0.985	1.135 1.004	3977		
50-useLongSequences-true	useLongSequences	FALSE TRUE	TRUE FALSE	116.9 115.5	4049.9 4029.38	0.8556	0.7772	0.8146	806	136 131	231 225	1.796 1.774	0.747 0.744	0.997	0.990 0.997	0.993 1.000	0.990 0.998	1.015 0.978	1.036 1.009	3977 3977		
14-useNext-false 66-useTaggySequences-true	useNext useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8611 0.8556	0.783 0.7772	0.8202 0.8146	812 806	136	231	1.799	0.742	1.003 0.997	0.990	0.993	0.990	1.015	1.036	3977		
54-useReverse-true 22-wordShape-chris1	useReverse wordShape	FALSE chris2useLC	TRUE chris1	123.9 159.6	4017.17 4013.12	0.8547 0.8568	0.783 0.7907	0.8173 0.8225	812 820	138 137	225 217	1.903 2.452	0.741 0.741	0.995 0.998	0.997 1.007	0.996 1.003	0.998 1.007	1.030 1.022	1.009 0.973	3977 3977		
48-useOrdinal-true	useOrdinal	FALSE	TRUE	119.8	4013.12	0.857	0.7801		809	135	228	1.840	0.741	0.998	0.994	0.996	0.994	1.022	1.022	3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	2.124	0.735	0.992	1.015	1.004	1.015	1.075	0.946	3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8162	808	135	229	2.101	0.735	0.998	0.993	0.995	0.993	1.007	1.027	3977		
72-backpropLopTraining-true 69-useLC-true	backpropLopTraining useLC	FALSE FALSE	TRUE TRUE	122 136.8	3969.06 3961.16	0.8556 0.8553		0.8146 0.8197	806 816	136 138	231 221	1.874 2.101	0.733 0.731	0.997 0.996	0.990 1.002	0.993 0.999	0.990 1.002	1.015 1.030	1.036 0.991	3977 3977		
13-usePrev-false	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782	0.8046	807	162	230	1.000	0.731	0.970	0.991	0.981	0.991	1.209	1.031	3977		
39-useMoreNeighborNGrams-true 41-lowercaseNGrams-true	useMoreNeighborNGrams lowercaseNGrams	FALSE FALSE	TRUE TRUE	141 142.5	3933.73 3929.84	0.8348 0.8662	0.7454 0.7927	0.7876 0.8278	773 822	153 127	264 215	2.166 2.189	0.726 0.725	0.972 1.009	0.950 1.010	0.960 1.009	0.950 1.010	1.142 0.948	1.184 0.964	3977 3977		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	1.860	0.725	1.001	0.993	0.997	0.993	0.985	1.027	3977		
40-conjoinShapeNGrams-true 33-wordShape-chris4	conjoinShapeNGrams wordShape	FALSE chris2useLC	TRUE chris4	127.3 113	3914.37 3914.37	0.8475 0.8559	0.7878 0.7792	0.8166 0.8157	817 808	147 136	220 229	1.955 1.736	0.722 0.722	0.987 0.997	1.004 0.993	0.996 0.995	1.004 0.993	1.097 1.015	0.987 1.027	3977 3977		
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	2.118	0.720	1.003	0.985	0.994	0.985	0.963	1.054	3977		
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4 148.9	3827.72	0.8564	0.7763 0.6914		805 717	135 164	232 320	3.217	0.706	0.997	0.989	0.993	0.989	1.007	1.040	3977 3977		
4-useNGrams-false 0-recommended-properties	useNGrams -	TRUE -	FALSE -	125.5	3827.72 3798.47	0.8138 0.8556	0.6914		806	136	231	2.287 -	0.706 -	0.948 -	0.881	0.912	0.881	1.224 -	1.435	3977 3977	2.7G	16.5M
80-sigma-5	sigma	1 1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	5.144	0.692	0.973	0.969	0.971	0.969	1.157	1.112	3977		
77-sigma-30 5-noMidNGrams	sigma noMidNGrams	TRUE	30 FALSE	758.13 136.2	3748.35 3658.69	0.8145 0.8549	0.7155 0.7956	0.7618	742 825	169 140	295 212	11.646 2.092	0.692 0.675	0.949 0.996	0.911 1.014	0.929 1.005	0.912 1.014	1.261 1.045	1.323 0.951	3977 3977		
2-useClassFeature-false	useClassFeature	TRUE	FALSE FALSE	125 64.8	3455.26 3225.47	0.8617 0.8402	0.7869 0.7811	0.8226	816	131 154	221	1.920	0.638	1.004	1.002 0.995	1.003 0.987	1.002 0.995	0.978 1.149	0.991 1.018	3977 3977		
16-useSequences-false 90-featureDiffThresh-0.025	useSequences featureDiffThresh	TRUE 0	0.025	221.2	3010.6	0.8402	0.7811	0.8096 0.8184	810 811	134	227 226	0.995 3.398	0.595 0.556	0.979 1.000	0.995	0.987	0.995	1.149	1.018	3977 3977		12.6M
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	1.816	0.403	0.997	0.991	0.994	0.991	1.015	1.031	3977		
93-optimal-configuration 1-maxLeft-2	- maxLeft	1	2	668.3 1192.2	2013.67 728.39	0.8651 0.8573	0.8284 0.7763	0.8463 0.8148	859 805	134 134	178 232	10.266 18.313	0.372 0.134	1.008 0.998	1.055 0.989	1.032 0.993	1.055 0.989	1.000 1.000	0.798 1.040	3977 3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	97.736	0.092	0.810	1.053	0.921	1.053	2.806	0.807	3977		

ordered-by-f1

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	<u>Recommended</u> <u>Value</u>	<u>Test</u> <u>Value</u>	<u>Train time</u> (sec)	Classifier test Speed (words/sec)	<u>Precision</u>	<u>Recall</u>	<u>F1</u>	<u>True</u> <u>Positives</u>	<u>False</u> <u>Positives</u>	<u>False</u> <u>Negatives</u>	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	<u>Relative</u> <u>Precision</u>	<u>Relative</u> <u>Recall</u>	<u>Relative</u> <u>F1</u>	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651		0.8463	859	134	178	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
41-lowercaseNGrams-true	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662		0.8278	822	127	215	0.213	1.952	1.001	0.957	0.978	0.957	0.948	1.208	3977		
29-wordShape-chris2 21-wordShape-dan1	wordShape wordShape	chris2useLC chris2useLC	chris2 dan1	130 161.1	4332.24 4389.62	0.858 0.8589	0.7985 0.7927	0.8272 0.8245	828 822	137 135	209 215	0.195 0.241	2.151 2.180	0.992 0.993	0.964 0.957	0.977 0.974	0.964 0.957	1.022 1.007	1.174 1.208	3977 3977		
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	0.205	2.094	1.002	0.949	0.974	0.949	0.933	1.247	3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	0.204	1.817	0.988	0.960	0.974	0.960	1.045	1.191	3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	0.207	1.977	0.984	0.961	0.973	0.962	1.075	1.185	3977		
2-useClassFeature-false	useClassFeature	TRUE	FALSE	125	3455.26	0.8617	0.7869	0.8226	816	131	221	0.187	1.716	0.996	0.950	0.972	0.950	0.978	1.242	3977		
22-wordShape-chris1 18-useTypeSeqs-false	wordShape useTypeSeqs	chris2useLC TRUE	chris1 FALSE	159.6 118.9	4013.12 4121.24	0.8568 0.8597	0.7907 0.7859	0.8225 0.8212	820 815	137 133	217 222	0.239 0.178	1.993 2.047	0.990 0.994	0.954 0.949	0.972 0.970	0.955 0.949	1.022 0.993	1.219 1.247	3977 3977		
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509	0.7927	0.8208	822	144	215	0.177	2.101	0.984	0.957	0.970	0.957	1.075	1.208	3977		
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	0.192	2.015	0.994	0.946	0.969	0.946	0.985	1.258	3977		
86-Qnsize-5 14-useNext-false	QNsize useNext	25 TRUE	5 FALSE	165.1 115.5	4212.92 4029.38	0.8586 0.8611	0.785 0.783	0.8202 0.8202	814 812	134 131	223 225	0.247 0.173	2.092 2.001	0.992 0.995	0.948 0.945	0.969 0.969	0.948 0.945	1.000 0.978	1.253 1.264	3977 3977	2.0G	
44-useObservedSequencesOnly-true	useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785	0.8202	814	134	223	0.097	2.691	0.992	0.948	0.969	0.948	1.000	1.253	3977		
58-disjunctionWidth-5	disjunctionWidth	4	5	134.8	4134.1	0.8643	0.7801	0.8201	809	127	228	0.202	2.053	0.999	0.942	0.969	0.942	0.948	1.281	3977		
6-maxNGramLeng-8 69-useLC-true	maxNGramLeng useLC	6 FALSE	8 TRUE	141.2 136.8	4262.59 3961.16	0.8594 0.8553	0.784 0.7869	0.82 0.8197	813 816	133 138	224 221	0.211 0.205	2.117 1.967	0.993 0.989	0.946 0.950	0.969 0.969	0.946 0.950	0.993 1.030	1.258 1.242	3977 3977		
19-useTypeSeqs2-false	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	0.190	2.057	0.990	0.949	0.968	0.949	1.022	1.247	3977		
64-useTags-true	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	0.180	2.117	1.002	0.938	0.968	0.938	0.925	1.298	3977		
49-useEntityTypeSequences-true 61-disjunctionWidth-1	useEntityTypeSequences disjunctionWidth	FALSE 4	TRUE 1	142.3 118.2	4239.87 4208.47	0.8617 0.8675	0.7811 0.7763	0.8194 0.8193	810 805	130 123	227 232	0.213 0.177	2.106 2.090	0.996 1.003	0.943 0.937	0.968 0.968	0.943 0.937	0.970 0.918	1.275 1.303	3977 3977		
51-useNextSequences-true	useNextSequences	FALSE	TRUE	146.9	4204.02	0.8599	0.7811	0.8186	810	132	227	0.220	2.088	0.994	0.943	0.967	0.943	0.985	1.275	3977		
90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	0.331	1.495	0.992	0.944	0.967	0.944	1.000	1.270	3977		12.6M
46-useEntityTypes-true 23-wordShape-dan2	useEntityTypes wordShape	FALSE chris2useLC	TRUE dan2	122.5 143.2	4204.02 4100	0.8622 0.8502	0.7782 0.7878	0.818 0.8178	807 817	129 144	230 220	0.183 0.214	2.088 2.036	0.997 0.983	0.939 0.951	0.967 0.966	0.939 0.951	0.963 1.075	1.292 1.236	3977 3977		
25-wordShape-dan2bio	wordShape	chris2useLC	dan2bio	138.8	4271.75	0.8502	0.7878	0.8178	817	144	220	0.208	2.121	0.983	0.951	0.966	0.951	1.075	1.236	3977		
27-wordShape-jenny1	wordShape feetureDiffThreeh	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	0.206	2.249	0.983	0.951	0.966	0.951	1.075	1.236	3977		10.014
89-featureDiffThresh-0.05 42-dehyphenateNGrams-true	featureDiffThresh dehyphenateNGrams	0 FALSE	0.05 TRUE	232.4 121.1	4248.93 3925.96	0.8571 0.8596	0.7811 0.7792	0.8174 0.8174	810 808	135 132	227 229	0.348 0.181	2.110 1.950	0.991 0.994	0.943 0.941	0.966 0.966	0.943 0.941	1.007 0.985	1.275 1.287	3977 3977		10.6M
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8174	812	138	225	0.185	1.995	0.988	0.945	0.966	0.945	1.030	1.264	3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	0.211	2.064	0.996	0.937	0.965	0.937	0.963	1.303	3977		
48-useOrdinal-true 87-Qnsize-2	useOrdinal QNsize	FALSE 25	TRUE 2	119.8 232.9	4013.12 4290.18	0.857 0.8627	0.7801 0.7753	0.8168 0.8167	809 804	135 128	228 233	0.179 0.348	1.993 2.131	0.991 0.997	0.942 0.936	0.965 0.965	0.942 0.936	1.007 0.955	1.281 1.309	3977 3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	0.172	2.156	0.997	0.936	0.965	0.936	0.955	1.309	3977	1.00	
40-conjoinShapeNGrams-true	conjoinShapeNGrams	FALSE	TRUE	127.3	3914.37	0.8475	0.7878	0.8166	817	147	220	0.190	1.944	0.980	0.951	0.965	0.951	1.097	1.236	3977		
85-Qnsize-10 47-useEntityRule-true	QNsize useEntityRule	25 FALSE	10 TRUE	142 121.9	4438.62 4083.16	0.8553 0.8553	0.7811 0.7811	0.8165 0.8165	810 810	137 137	227 227	0.212 0.182	2.204 2.028	0.989 0.989	0.943 0.943	0.965 0.965	0.943 0.943	1.022 1.022	1.275 1.275	3977 3977	2.1G	
52-useLastRealWord-true	useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782	0.8164	807	133	230	0.184	2.075	0.992	0.939	0.965	0.939	0.993	1.292	3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8162	808	135	229	0.205	1.977	0.990	0.941	0.964	0.941	1.007	1.287	3977		
33-wordShape-chris4 83-inferenceType-Beam	wordShape inferenceType	chris2useLC Viterbi	chris4 Beam	113 118.2	3914.37 2185.16	0.8559 0.8558	0.7792 0.7782	0.8157 0.8152	808 807	136 136	229 230	0.169 0.177	1.944 1.085	0.989 0.989	0.941 0.939	0.964 0.963	0.941 0.939	1.015 1.015	1.287 1.292	3977 3977		
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	0.307	2.077	0.990	0.938	0.963	0.938	1.007	1.298	3977		7.6M
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	0.206	1.936	0.996	0.934	0.963	0.934	0.963	1.320	3977		
1-maxLeft-2 60-disjunctionWidth-2	maxLeft disjunctionWidth	1	2	1192.2 116.1	728.39 4258.03	0.8573 0.863	0.7763 0.7715	0.8148 0.8147	805 800	134 127	232 237	1.784 0.174	0.362 2.115	0.991 0.998	0.937 0.931	0.963 0.963	0.937 0.931	1.000 0.948	1.303 1.331	3977 3977		
59-disjunctionWidth-3	disjunctionWidth	4	3	115.8	4217.39	0.863		0.8147	800	127	237	0.173	2.094	0.998	0.931	0.963	0.931	0.948	1.331	3977		
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	- 1.015	1 200	3977	2.7G	16.5M
72-backpropLopTraining-true 71-includeFullCRFInLOP-true	backpropLopTraining includeFullCRFInLOP	FALSE FALSE	TRUE TRUE	122 121.7	3969.06 4199.58	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.183 0.182	1.971 2.086	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	806	136	231	0.181	2.207	0.989	0.938	0.963	0.938	1.015	1.298	3977		
36-applyNERPenalty-false 43-useKnownLCWords-false	applyNERPenalty useKnownLCWords	TRUE TRUE	FALSE FALSE	118.4 118.2	4235.36 4346.45	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.177 0.177	2.103 2.158	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
45-useTitle-true	useTitle	FALSE	TRUE	118.1	4173.14	0.8556	0.7772	0.8146	806	136	231	0.177	2.072	0.989	0.938	0.963	0.938	1.015	1.298	3977		
35-initWithNERPosterior-true	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772	0.8146	806	136	231	0.176	2.124	0.989	0.938	0.963	0.938	1.015	1.298	3977		
84-Qnsize-50 66-useTaggySequences-true	QNsize useTaggySequences	25 FALSE	50 TRUE	117.2 117.1	4160.04 4021.23	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.175 0.175	2.066 1.997	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977	2.8G	
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556		0.8146	806	136	231	0.175	2.011	0.989	0.938	0.963	0.938	1.015	1.298	3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556		0.8146	806	136	231	0.175	2.097	0.989	0.938	0.963	0.938	1.015	1.298	3977		
65-useSymTags-true 30-wordShape-chris2useLC	useSymTags wordShape	FALSE chris2useLC	TRUE chris2useLC	116.6 116.4	4091.56 4204.02	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.174 0.174	2.032 2.088	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
63-useBoundarySequences-true	useBoundarySequences	FALSE	TRUE	116.4	4244.4	0.8556		0.8146	806	136	231	0.174	2.108	0.989	0.938	0.963	0.938	1.015	1.298	3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE FALSE	116.4	4134.1 4322.83	0.8556	0.7772		806	136 136	231 231	0.174	2.053	0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
70-useViterbi-false 56-normalizeTimex-true	useViterbi normalizeTimex	TRUE FALSE	TRUE	116.3 116.1	4322.83 4262.59	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136	231	0.174 0.174	2.147 2.117	0.989 0.989	0.938	0.963	0.938	1.015	1.298	3977		
55-normalize-true	normalize	FALSE	TRUE	116	4493.79	0.8556	0.7772	0.8146	806	136	231	0.174	2.232	0.989	0.938	0.963	0.938	1.015	1.298	3977		
53-useNextRealWord-true 75-restrictLabels-false	useNextRealWord restrictLabels	FALSE TRUE	TRUE FALSE	113.2 112.43	4155.69 4327.53	0.8605 0.8556	0.7734 0.7772	0.8146 0.8146	802 806	130 136	235 231	0.169 0.168	2.064 2.149	0.995 0.989	0.934 0.938	0.963 0.963	0.934 0.938	0.970 1.015	1.320 1.298	3977 3977		
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763	0.8144	805	135	232	0.313	1.901	0.990	0.937	0.962	0.937	1.013	1.303	3977		
20-useTypeySequences-false	useTypeySequences	TRUE	FALSE	125.2	4299.46	0.854		0.8143	807	138	230	0.187	2.135	0.987	0.939	0.962	0.939	1.030	1.292	3977		
68-use2W-true 32-wordShape-chris3useLC	use2W wordShape	FALSE chris2useLC	TRUE chris3useLC	130.8 124.1	4160.04 4248.93	0.8519 0.8488	0.7763 0.7743	0.8123	805 803	140 143	232 234	0.196 0.186	2.066 2.110	0.985 0.981	0.937 0.935	0.960 0.957	0.937 0.935	1.045 1.067	1.303 1.315	3977 3977		
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402		0.8096	810	154	227	0.098	2.040	0.971	0.943	0.957	0.943	1.149	1.275	3977		
16-useSequences-false	useSequences	TRUE	FALSE	64.8	3225.47	0.8402	0.7811	0.8096	810	154	227	0.097	1.602	0.971	0.943	0.957	0.943	1.149	1.275	3977		
8-maxNGramLeng-5 57-disjunctionWidth-6	maxNGramLeng disjunctionWidth	6 4	5 6	116.1 118.7	4498.87 4327.53	0.8541 0.8484	0.7676 0.7715	0.8085	796 800	136 143	241 237	0.174 0.178	2.234 2.149	0.987 0.981	0.927 0.931	0.955 0.955	0.927 0.931	1.015 1.067	1.354 1.331	3977 3977		
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	0.179	2.142	0.982	0.928	0.954	0.928	1.052	1.348	3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497		0.8071	797	141	240	0.179	2.182	0.982	0.928	0.954	0.928	1.052	1.348	3977		
28-wordShape-jenny1useLC 82-sigma-2	wordShape sigma	chris2useLC 1	jenny1useLC 2	118.5 158.2	4095.78 4235.36	0.8497 0.8494	0.7686 0.7666	0.8071 0.8059	797 795	141 141	240 242	0.177 0.237	2.034 2.103	0.982 0.982	0.928 0.925	0.954 0.952	0.928 0.925	1.052 1.052	1.348 1.360	3977 3977		
13-usePrev-false	usePrev	TRUE	FALSE	65.1	3961.16	0.8328		0.8046	807	162	230	0.097	1.967	0.963	0.925	0.951	0.939	1.209	1.292	3977		
81-sigma-3	sigma	1	3	253.8	4208.47	0.8379		0.8038	801	155	236	0.380	2.090	0.969	0.932	0.950	0.932	1.157	1.326	3977		
62-useDisjunctiveShapeInteraction-true 9-maxNGramLeng-4	useDisjunctiveShapeInteraction maxNGramLeng	FALSE 6	TRUE 4	149.7 143	4404.21 4074.8	0.8534 0.843	0.7522 0.756	0.7996 0.7972	780 784	134 146	257 253	0.224 0.214	2.187 2.024	0.986 0.974	0.908 0.913	0.945 0.942	0.908 0.913	1.000 1.090	1.444 1.421	3977 3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	0.501	1.863	0.966	0.918	0.941	0.919	1.157	1.393	3977		
10-maxNGramLeng-3	maxNGramLeng	6	3	128.9	4370.33	0.839	0.7435	0.7883	771	148	266	0.193	2.170	0.970	0.898	0.931	0.898	1.104	1.494	3977		
39-useMoreNeighborNGrams-true 79-sigma-10	useMoreNeighborNGrams sigma	FALSE 1	TRUE 10	141 412.8	3933.73 4112.72	0.8348 0.8328		0.7876 0.7807	773 762	153 153	264 275	0.211 0.618	1.954 2.042	0.965 0.963	0.900 0.887	0.931 0.922	0.900 0.887	1.142 1.142	1.483 1.545	3977 3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247		0.7695	748	159	289	0.198	2.086	0.953	0.871	0.909	0.871	1.187	1.624	3977		
78-sigma-20	sigma	1	20	630.6	4212.92	0.823		0.7666	744	160	293	0.944	2.092	0.951	0.866	0.906	0.866	1.194	1.646	3977		
77-sigma-30 76-useBagOfWords-true	sigma useBagOfWords	1 FALSE	30 TRUE	758.13 6362.6	3748.35 497.56	0.8145 0.6951		0.7618 0.7551	742 857	169 376	295 180	1.134 9.521	1.861 0.247	0.942 0.803	0.864 0.998	0.900 0.892	0.864 0.998	1.261 2.806	1.657 1.011	3977 3977		
4-useNGrams-false	useNGrams	TRUE	FALSE	148.9	3827.72	0.8138	0.6914	0.7477	717	164	320	0.223	1.901	0.941	0.835	0.883	0.835	1.224	1.798	3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	0.206	2.075	0.941	0.835	0.883	0.835	1.224	1.798	3977		

ordered-by-precision

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	Train time (sec)	Classifier test Speed (words/sec)	<u>Precision</u>	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> Positives	<u>False</u> Negatives	<u>Relative</u> <u>Train time</u> (sec)	<u>Relative</u> <u>Classifier test</u> <u>Speed</u> (words/sec)	Relative Precision	<u>Relative</u> <u>Recall</u>	Relative <u>F1</u>	<u>Relative</u> <u>True</u> <u>Positives</u>	<u>Relative</u> <u>False</u> <u>Positives</u>	<u>Relative</u> <u>False</u> <u>Negatives</u>	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	1.161	1.002	0.999	1.012	1.006	1.012	1.016	0.957	3977		
64-useTags-true 41-lowercaseNGrams-true	useTags lowercaseNGrams	FALSE FALSE	TRUE TRUE	120.4 142.5	4262.59 3929.84	0.8667 0.8662	0.7772 0.7927	0.8195 0.8278	806 822	124 127	231 215	1.019 1.206	1.013 0.934	0.999 0.999	1.001 1.021	1.000 1.010	1.001 1.021	1.008 1.033	0.996 0.927	3977 3977		
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	5.654	0.478	0.997	1.067	1.033	1.067	1.089	0.767	3977		
58-disjunctionWidth-5	disjunctionWidth	4	5 2	134.8 116.1	4134.1 4258.03	0.8643 0.863	0.7801	0.8201	809 800	127 127	228 237	1.140 0.982	0.982 1.012	0.996	1.005 0.994	1.001 0.994	1.005 0.994	1.033 1.033	0.983 1.022	3977 3977		
60-disjunctionWidth-2 59-disjunctionWidth-3	disjunctionWidth disjunctionWidth	4	3	115.1	4217.39	0.863	0.7715 0.7715		800	127	237	0.982	1.002	0.995 0.995	0.994	0.994	0.994	1.033	1.022	3977		
87-Qnsize-2	QNsize	25	2	232.9	4290.18	0.8627	0.7753	0.8167	804	128	233	1.970	1.019	0.994	0.999	0.997	0.999	1.041	1.004	3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804 807	128	233	0.972	1.032	0.994	0.999	0.997	0.999	1.041	1.004	3977		
46-useEntityTypes-true 37-useWordPairs-true	useEntityTypes useWordPairs	FALSE FALSE	TRUE TRUE	122.5 140.8	4204.02 4155.69	0.8622 0.8619	0.7782 0.7763	0.818 0.8168	80 <i>7</i> 805	129 129	230 232	1.036 1.191	0.999 0.987	0.994 0.994	1.002 1.000	0.998 0.997	1.002 1.000	1.049 1.049	0.991 1.000	3977 3977		
49-useEntityTypeSequences-true	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	1.204	1.007	0.993	1.006	1.000	1.006	1.057	0.978	3977		
2-useClassFeature-false	useClassFeature	TRUE	FALSE	125	3455.26	0.8617	0.7869	0.8226	816	131	221	1.058	0.821	0.993	1.014	1.004	1.014	1.065	0.953	3977		
3-useWord-false 14-useNext-false	useWord useNext	TRUE TRUE	FALSE FALSE	137.9 115.5	3899.02 4029.38	0.8614 0.8611	0.7734 0.783	0.815 0.8202	802 812	129 131	235 225	1.167 0.977	0.926 0.957	0.993 0.993	0.996 1.009	0.995 1.001	0.996 1.009	1.049 1.065	1.013 0.970	3977 3977		
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734	0.8146	802	130	235	0.958	0.987	0.992	0.996	0.994	0.996	1.057	1.013	3977		
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	1.088	0.964	0.992	1.010	1.001	1.010	1.073	0.966	3977		
51-useNextSequences-true 18-useTypeSeqs-false	useNextSequences useTypeSeqs	FALSE TRUE	TRUE FALSE	146.9 118.9	4204.02 4121.24	0.8599 0.8597	0.7811 0.7859	0.8186 0.8212	810 815	132 133	227 222	1.243 1.006	0.999 0.979	0.991 0.991	1.006 1.012	0.999 1.002	1.006 1.012	1.073 1.081	0.978 0.957	3977 3977		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	1.025	0.933	0.991	1.004	0.998	1.004	1.073	0.987	3977		
6-maxNGramLeng-8	maxNGramLeng	6	. 8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	1.195	1.013	0.991	1.010	1.001	1.010	1.081	0.966	3977		
21-wordShape-dan1 86-Qnsize-5	wordShape QNsize	chris2useLC 25	dan1 5	161.1 165.1	4389.62 4212.92	0.8589 0.8586	0.7927 0.785	0.8245 0.8202	822 814	135 134	215 223	1.363 1.397	1.043 1.001	0.990 0.990	1.021 1.011	1.006 1.001	1.021 1.011	1.098 1.089	0.927 0.961	3977 3977	2.0G	
44-useObservedSequencesOnly-true	useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785	0.8202	814	134	223	0.551	1.287	0.990	1.011	1.001	1.011	1.089	0.961	3977	2.00	
52-useLastRealWord-true	useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782	0.8164	807	133	230	1.043	0.993	0.990	1.002	0.996	1.002	1.081	0.991	3977		
90-featureDiffThresh-0.025 29-wordShape-chris2	featureDiffThresh wordShape	0 chris2useLC	0.025 chris2	221.2 130	3010.6 4332.24	0.8582 0.858	0.7821 0.7985	0.8184 0.8272	811 828	134 137	226 209	1.871 1.100	0.715 1.029	0.989 0.989	1.007 1.029	0.999 1.010	1.007 1.029	1.089 1.114	0.974 0.901	3977 3977		12.6M
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7963	0.8272	805	134	232	10.086	0.173	0.988	1.029	0.995	1.029	1.114	1.000	3977		
89-featureDiffThresh-0.05	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	1.966	1.010	0.988	1.006	0.998	1.006	1.098	0.978	3977		10.6M
48-useOrdinal-true 22-wordShape-chris1	useOrdinal wordShape	FALSE chris2useLC	TRUE chris1	119.8 159.6	4013.12 4013.12	0.857 0.8568	0.7801 0.7907	0.8168 0.8225	809 820	135 137	228 217	1.014 1.350	0.954 0.954	0.988 0.988	1.005 1.019	0.997 1.004	1.005 1.019	1.098 1.114	0.983 0.935	3977 3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8223	808	135	229	1.157	0.946	0.988	1.019	0.996	1.019	1.098	0.933	3977		
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	1.737	0.994	0.987	1.001	0.995	1.001	1.098	0.996	3977		7.6M
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763	0.8144	805	135 137	232 222	1.772	0.910 0.984	0.987	1.000	0.994	1.000 1.012	1.098	1.000 0.957	3977 3977		
19-useTypeSeqs2-false 33-wordShape-chris4	useTypeSeqs2 wordShape	TRUE chris2useLC	FALSE chris4	126.8 113	4142.71 3914.37	0.8561 0.8559	0.7859 0.7792	0.8195 0.8157	815 808	137	222	1.073 0.956	0.930	0.987 0.987	1.012 1.004	1.000 0.996	1.012	1.114 1.106	0.957	3977 3977		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	1.000	0.519	0.987	1.002	0.995	1.002	1.106	0.991	3977		
0-recommended-properties	-	-	- TDUE	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	- 0.000	-	-	-	- 1 100	-	3977	2.7G	16.5M
72-backpropLopTraining-true 71-includeFullCRFInLOP-true	backpropLopTraining includeFullCRFInLOP	FALSE FALSE	TRUE TRUE	122 121.7	3969.06 4199.58	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	1.032 1.030	0.943 0.998	0.986 0.986	1.001 1.001	0.994 0.994	1.001 1.001	1.106 1.106	0.996 0.996	3977 3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772		806	136	231	1.025	1.056	0.986	1.001	0.994	1.001	1.106	0.996	3977		
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	1.002	1.006	0.986	1.001	0.994	1.001	1.106	0.996	3977		
43-useKnownLCWords-false 45-useTitle-true	useKnownLCWords useTitle	TRUE FALSE	FALSE TRUE	118.2 118.1	4346.45 4173.14	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	1.000 0.999	1.033 0.992	0.986 0.986	1.001 1.001	0.994 0.994	1.001 1.001	1.106 1.106	0.996 0.996	3977 3977		
35-initWithNERPosterior-true	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772		806	136	231	0.995	1.016	0.986	1.001	0.994	1.001	1.106	0.996	3977		
84-Qnsize-50	QNsize	25	50	117.2	4160.04	0.8556	0.7772		806	136	231	0.992	0.988	0.986	1.001	0.994	1.001	1.106	0.996	3977	2.8G	
66-useTaggySequences-true 50-useLongSequences-true	useTaggySequences useLongSequences	FALSE FALSE	TRUE TRUE	117.1 116.9	4021.23 4049.9	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.991 0.989	0.956 0.962	0.986 0.986	1.001 1.001	0.994 0.994	1.001 1.001	1.106 1.106	0.996 0.996	3977 3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772		806	136	231	0.989	1.003	0.986	1.001	0.994	1.001	1.106	0.996	3977		
65-useSymTags-true	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772		806	136	231	0.986	0.972	0.986	1.001	0.994	1.001	1.106	0.996	3977		
30-wordShape-chris2useLC 63-useBoundarySequences-true	wordShape useBoundarySequences	chris2useLC FALSE	chris2useLC TRUE	116.4 116.4	4204.02 4244.4	0.8556 0.8556	0.7772	0.8146 0.8146	806 806	136 136	231 231	0.985 0.985	0.999 1.009	0.986 0.986	1.001 1.001	0.994 0.994	1.001 1.001	1.106 1.106	0.996 0.996	3977 3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556	0.7772		806	136	231	0.985	0.982	0.986	1.001	0.994	1.001	1.106	0.996	3977		
70-useViterbi-false	useViterbi	TRUE	FALSE	116.3	4322.83	0.8556	0.7772		806	136	231	0.984	1.027	0.986	1.001	0.994	1.001	1.106	0.996	3977		
56-normalizeTimex-true 55-normalize-true	normalizeTimex normalize	FALSE FALSE	TRUE TRUE	116.1 116	4262.59 4493.79	0.8556 0.8556	0.7772	0.8146 0.8146	806 806	136 136	231 231	0.982 0.981	1.013 1.068	0.986 0.986	1.001 1.001	0.994 0.994	1.001 1.001	1.106 1.106	0.996 0.996	3977 3977		
75-restrictLabels-false	restrictLabels	TRUE	FALSE	112.43	4327.53	0.8556	0.7772		806	136	231	0.951	1.028	0.986	1.001	0.994	1.001	1.106	0.996	3977		
85-Qnsize-10	QNsize	25	10	142	4438.62	0.8553			810	137	227	1.201	1.055	0.986	1.006	0.997	1.006	1.114	0.978	3977	2.1G	
69-useLC-true 47-useEntityRule-true	useLC useEntityRule	FALSE FALSE	TRUE TRUE	136.8 121.9	3961.16 4083.16	0.8553 0.8553	0.7869 0.7811	0.8197 0.8165	816 810	138 137	221 227	1.157 1.031	0.941 0.970	0.986 0.986	1.014 1.006	1.000 0.997	1.014 1.006	1.122 1.114	0.953 0.978	3977 3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	1.152	0.869	0.985	1.025	1.006	1.025	1.138	0.914	3977		
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	812	138	225	1.048	0.955	0.985	1.009	0.998	1.009	1.122	0.970	3977		
8-maxNGramLeng-5 20-useTypeySequences-false	maxNGramLeng useTypeySequences	6 TRUE	5 FALSE	116.1 125.2	4498.87 4299.46	0.8541 0.854	0.7676 0.7782	0.8085 0.8143	796 807	136 138	241 230	0.982 1.059	1.069 1.022	0.985 0.984	0.989 1.002	0.987 0.994	0.989 1.002	1.106 1.122	1.039 0.991	3977 3977		
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7	4404.21	0.8534	0.7522	0.7996	780	134	257	1.266	1.047	0.984	0.969	0.976	0.969	1.089	1.108	3977		
68-use2W-true	use2W	FALSE	TRUE	130.8	4160.04	0.8519		0.8123	805	140	232	1.107	0.988	0.982	1.000	0.991	1.000	1.138	1.000	3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	1.170	0.946	0.982	1.026	1.005	1.026	1.171	0.909	3977		
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509		0.8208	822	144	215	1.003	1.005	0.981	1.021	1.002	1.021	1.171	0.927	3977		
23-wordShape-dan2 25-wordShape-dan2bio	wordShape wordShape	chris2useLC chris2useLC	dan2 dan2bio	143.2 138.8	4100 4271.75	0.8502 0.8502	0.7878 0.7878	0.8178 0.8178	817 817	144 144	220 220	1.212 1.174	0.974 1.015	0.980 0.980	1.015 1.015	0.998 0.998	1.015 1.015	1.171 1.171	0.948 0.948	3977 3977		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	1.174	1.076	0.980	1.015	0.998	1.015	1.171	0.948	3977		
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	1.010	1.025	0.979	0.990	0.985	0.990	1.146	1.034	3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686	0.8071	797 707	141	240	1.009 1.003	1.044	0.979	0.990 0.990	0.985 0.985	0.990	1.146	1.034	3977		
28-wordShape-jenny1useLC 82-sigma-2	wordShape sigma	chris2useLC 1	jenny1useLC 2	118.5 158.2	4095.78 4235.36	0.8497 0.8494	0.7686 0.7666	0.8071 0.8059	797 795	141 141	240 242	1.338	0.973 1.006	0.979 0.979	0.988	0.985	0.990 0.988	1.146 1.146	1.034 1.043	3977 3977		
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743	0.8099	803	143	234	1.050	1.010	0.978	0.997	0.989	0.998	1.163	1.009	3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	1.004	1.028	0.978	0.994	0.986	0.994	1.163	1.022	3977		
40-conjoinShapeNGrams-true 9-maxNGramLeng-4	conjoinShapeNGrams maxNGramLeng	FALSE 6	TRUE 4	127.3 143	3914.37 4074.8	0.8475 0.843	0.7878 0.756	0.8166 0.7972	817 784	147 146	220 253	1.077 1.210	0.930 0.968	0.977 0.972	1.015 0.974	0.997 0.973	1.015 0.974	1.195 1.187	0.948 1.091	3977 3977		
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7811	0.8096	810	154	227	0.552	0.976	0.969	1.006	0.988	1.006	1.252	0.978	3977		
16-useSequences-false	useSequences	TRUE	FALSE	64.8	3225.47	0.8402			810	154	227	0.548	0.766	0.969	1.006	0.988	1.006	1.252	0.978	3977		
10-maxNGramLeng-3 81-sigma-3	maxNGramLeng sigma	6 1	3 3	128.9 253.8	4370.33 4208.47	0.839 0.8379	0.7435 0.7724	0.7883 0.8038	771 801	148 155	266 236	1.091 2.147	1.038 1.000	0.967 0.966	0.958 0.995	0.962 0.981	0.958 0.995	1.203 1.260	1.147 1.017	3977 3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	2.833	0.892	0.963	0.980	0.972	0.980	1.260	1.069	3977		
39-useMoreNeighborNGrams-true	useMoreNeighborNGrams	FALSE	TRUE	141	3933.73	0.8348		0.7876	773	153	264	1.193	0.935	0.962	0.960	0.961	0.960	1.244	1.138	3977		
79-sigma-10 13-usePrev-false	sigma usePrev	1 TRUE	10 FALSE	412.8 65.1	4112.72 3961.16	0.8328 0.8328	0.7348 0.7782	0.7807 0.8046	762 807	153 162	275 230	3.492 0.551	0.977 0.941	0.960 0.960	0.947 1.002	0.953 0.982	0.947 1.002	1.244 1.317	1.185 0.991	3977 3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7213	0.7695	748	159	289	1.122	0.998	0.951	0.929	0.939	0.929	1.293	1.246	3977		
78-sigma-20	sigma	1	20	630.6	4212.92	0.823	0.7175	0.7666	744	160	293	5.335	1.001	0.949	0.924	0.936	0.924	1.301	1.263	3977		
77-sigma-30 4-useNGrams-false	sigma useNGrams	1 TRUE	30 FALSE	758.13 148.9	3748.35 3827.72	0.8145 0.8138	0.7155 0.6914		742 717	169 164	295 320	6.414 1.260	0.891 0.910	0.939 0.938	0.922 0.891	0.930 0.913	0.922 0.891	1.374 1.333	1.272 1.379	3977 3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	1.168	0.993	0.938	0.891	0.913	0.891	1.333	1.379	3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	53.829	0.118	0.801	1.065	0.922	1.065	3.057	0.776	3977		

ordered-by-recall

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	<u>Recommended</u> <u>Value</u>	<u>Test</u> <u>Value</u>	<u>Train time</u> (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u>	<u>F1</u>	<u>True</u> <u>Positives</u>	<u>False</u> <u>Positives</u>	<u>False</u> Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	<u>Relative</u> <u>Precision</u>	<u>Relative</u> <u>Recall</u>	<u>Relative</u> <u>F1</u>	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
93-optimal-configuration	- ucoPagOfMords	- EALCE	- TDLIE	668.3	2013.67	0.8651	0.8284		859	134	178	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
76-useBagOfWords-true 29-wordShape-chris2	useBagOfWords wordShape	FALSE chris2useLC	TRUE chris2	6362.6 130	497.56 4332.24	0.6951 0.858	0.8264 0.7985	0.7551 0.8272	857 828	376 137	180 209	9.521 0.195	0.247 2.151	0.803 0.992	0.998 0.964	0.892 0.977	0.998 0.964	2.806 1.022	1.011 1.174	3977 3977		
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	0.207	1.977	0.984	0.961	0.973	0.962	1.075	1.185	3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	0.204	1.817	0.988	0.960	0.974	0.960	1.045	1.191	3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927		822	135 127	215	0.241	2.180	0.993	0.957	0.974	0.957	1.007	1.208	3977		
41-lowercaseNGrams-true 31-wordShape-chris3	lowercaseNGrams wordShape	FALSE chris2useLC	TRUE chris3	142.5 118.5	3929.84 4230.85	0.8662 0.8509	0.7927 0.7927	0.8278 0.8208	822 822	144	215 215	0.213 0.177	1.952 2.101	1.001 0.984	0.957 0.957	0.978 0.970	0.957 0.957	0.948 1.075	1.208 1.208	3977 3977		
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	0.239	1.993	0.990	0.954	0.972	0.955	1.022	1.219	3977		
23-wordShape-dan2 25-wordShape-dan2bio	wordShape wordShape	chris2useLC chris2useLC	dan2 dan2bio	143.2 138.8	4100 4271.75	0.8502 0.8502	0.7878 0.7878	0.8178 0.8178	817 817	144 144	220 220	0.214 0.208	2.036 2.121	0.983 0.983	0.951 0.951	0.966 0.966	0.951 0.951	1.075 1.075	1.236 1.236	3977 3977		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878		817	144	220	0.206	2.249	0.983	0.951	0.966	0.951	1.075	1.236	3977		
40-conjoinShapeNGrams-true 69-useLC-true	conjoinShapeNGrams useLC	FALSE FALSE	TRUE TRUE	127.3 136.8	3914.37 3961.16	0.8475 0.8553	0.7878 0.7869	0.8166 0.8197	817 816	147 138	220 221	0.190 0.205	1.944 1.967	0.980 0.989	0.951 0.950	0.965 0.969	0.951 0.950	1.097 1.030	1.236 1.242	3977 3977		
2-useClassFeature-false	useClassFeature	TRUE	FALSE	125	3455.26	0.8617	0.7869	0.8226	816	131	221	0.187	1.716	0.996	0.950	0.972	0.950	0.978	1.242	3977		
15-useDisjunctive-false 19-useTypeSegs2-false	useDisjunctive useTypeSegs2	TRUE TRUE	FALSE FALSE	137.23 126.8	4217.39 4142.71	0.867 0.8561	0.7859 0.7859	0.8245 0.8195	815 815	125 137	222 222	0.205 0.190	2.094 2.057	1.002 0.990	0.949 0.949	0.974 0.968	0.949 0.949	0.933 1.022	1.247 1.247	3977 3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE	FALSE	118.9	4121.24	0.8597	0.7859	0.8212	815	133	222	0.178	2.047	0.994	0.949	0.970	0.949	0.993	1.247	3977		
86-Qnsize-5 44-useObservedSequencesOnly-true	QNsize useObservedSequencesOnly	25 FALSE	5 TRUE	165.1 65.1	4212.92 5418.26	0.8586 0.8586	0.785 0.785	0.8202 0.8202	814 814	134 134	223 223	0.247 0.097	2.092 2.691	0.992 0.992	0.948 0.948	0.969 0.969	0.948 0.948	1.000 1.000	1.253 1.253	3977 3977	2.0G	
6-maxNGramLeng-8	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	0.211	2.117	0.993	0.946	0.969	0.946	0.993	1.258	3977		
7-maxNGramLeng-7 54-useReverse-true	maxNGramLeng useReverse	6 FALSE	7 TRUE	128.6 123.9	4058.16 4017.17	0.8603 0.8547	0.784 0.783	0.8204 0.8173	813 812	132 138	224 225	0.192 0.185	2.015 1.995	0.994 0.988	0.946 0.945	0.969 0.966	0.946 0.945	0.985 1.030	1.258 1.264	3977 3977		
14-useNext-false	useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.173	2.001	0.995	0.945	0.969	0.945	0.978	1.264	3977		
90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	0.331	1.495	0.992	0.944	0.967	0.944	1.000	1.270	3977		12.6M
89-featureDiffThresh-0.05 51-useNextSequences-true	featureDiffThresh useNextSequences	FALSE	0.05 TRUE	232.4 146.9	4248.93 4204.02	0.8571 0.8599	0.7811 0.7811	0.8174 0.8186	810 810	135 132	227 227	0.348 0.220	2.110 2.088	0.991 0.994	0.943 0.943	0.966 0.967	0.943 0.943	1.007 0.985	1.275 1.275	3977 3977		10.6M
49-useEntityTypeSequences-true	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	0.213	2.106	0.996	0.943	0.968	0.943	0.970	1.275	3977		
85-Qnsize-10 47-useEntityRule-true	QNsize useEntityRule	25 FALSE	10 TRUE	142 121.9	4438.62 4083.16	0.8553 0.8553	0.7811 0.7811	0.8165 0.8165	810 810	137 137	227 227	0.212 0.182	2.204 2.028	0.989 0.989	0.943 0.943	0.965 0.965	0.943 0.943	1.022 1.022	1.275 1.275	3977 3977	2.1G	
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7811	0.8096	810	154	227	0.098	2.040	0.971	0.943	0.957	0.943	1.149	1.275	3977		
16-useSequences-false 58-disjunctionWidth-5	useSequences disjunctionWidth	TRUE	FALSE 5	64.8 134.8	3225.47 4134.1	0.8402 0.8643	0.7811 0.7801	0.8096 0.8201	810 809	154 127	227 228	0.097 0.202	1.602 2.053	0.971 0.999	0.943 0.942	0.957 0.969	0.943 0.942	1.149 0.948	1.275 1.281	3977 3977		
48-useOrdinal-true	useOrdinal	FALSE	TRUE	119.8	4013.12	0.857	0.7801	0.8168	809	135	228	0.202	1.993	0.999	0.942	0.965	0.942	1.007	1.281	3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792		808	135	229	0.205	1.977	0.990	0.941	0.964	0.941	1.007	1.287	3977		
42-dehyphenateNGrams-true 33-wordShape-chris4	dehyphenateNGrams wordShape	FALSE chris2useLC	TRUE chris4	121.1 113	3925.96 3914.37	0.8596 0.8559	0.7792 0.7792		808 808	132 136	229 229	0.181 0.169	1.950 1.944	0.994 0.989	0.941 0.941	0.966 0.964	0.941 0.941	0.985 1.015	1.287 1.287	3977 3977		
20-useTypeySequences-false	useTypeySequences	TRUE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	0.187	2.135	0.987	0.939	0.962	0.939	1.030	1.292	3977		
52-useLastRealWord-true 46-useEntityTypes-true	useLastRealWord useEntityTypes	FALSE FALSE	TRUE TRUE	123.3 122.5	4177.52 4204.02	0.8585 0.8622	0.7782 0.7782	0.8164 0.818	807 807	133 129	230 230	0.184 0.183	2.075 2.088	0.992 0.997	0.939 0.939	0.965 0.967	0.939 0.939	0.993 0.963	1.292 1.292	3977 3977		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	0.177	1.085	0.989	0.939	0.963	0.939	1.015	1.292	3977		
13-usePrev-false	usePrev footureDiffThrosh	TRUE 0	FALSE 0.1	65.1 205.3	3961.16	0.8328	0.7782	0.8046	807 806	162 135	230 231	0.097	1.967	0.963	0.939 0.938	0.951	0.939	1.209	1.292	3977 3977		7.6M
88-featureDiffThresh-0.1 0-recommended-properties	featureDiffThresh -	-	0.1	125.5	4181.91 3798.47	0.8565 0.8556	0.7772 0.7772		806	136	231	0.307	2.077	0.990	0.936	0.963	0.938	1.007	1.298	3977	2.7G	16.5M
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772		806	136	231	0.183	1.971	0.989	0.938	0.963	0.938	1.015	1.298	3977		
71-includeFullCRFInLOP-true 73-useOutputLayer-false	includeFullCRFInLOP useOutputLayer	FALSE TRUE	TRUE FALSE	121.7 121.2	4199.58 4443.58	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	0.182 0.181	2.086 2.207	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
64-useTags-true	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	0.180	2.117	1.002	0.938	0.968	0.938	0.925	1.298	3977		
36-applyNERPenalty-false 43-useKnownLCWords-false	applyNERPenalty useKnownLCWords	TRUE TRUE	FALSE FALSE	118.4 118.2	4235.36 4346.45	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	0.177 0.177	2.103 2.158	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
45-useTitle-true	useTitle	FALSE	TRUE	118.1	4173.14	0.8556	0.7772		806	136	231	0.177	2.072	0.989	0.938	0.963	0.938	1.015	1.298	3977		
35-initWithNERPosterior-true 84-Qnsize-50	initWithNERPosterior ONsize	FALSE 25	TRUE 50	117.6 117.2	4276.34 4160.04	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	0.176 0.175	2.124 2.066	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977	2.8G	
66-useTaggySequences-true	useTaggySequences	FALSE	TRUE	117.2	4021.23	0.8556	0.7772		806	136	231	0.175	1.997	0.989	0.938	0.963	0.938	1.015	1.298	3977	2.00	
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556		0.8146	806	136	231	0.175	2.011	0.989	0.938	0.963	0.938	1.015	1.298	3977		
67-useOccurrencePatterns-true 65-useSymTags-true	useOccurrencePatterns useSymTags	FALSE FALSE	TRUE TRUE	116.9 116.6	4221.87 4091.56	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.175 0.174	2.097 2.032	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
30-wordShape-chris2useLC	wordShape	chris2useLC	chris2useLC	116.4	4204.02	0.8556	0.7772	0.8146	806	136	231	0.174	2.088	0.989	0.938	0.963	0.938	1.015	1.298	3977		
63-useBoundarySequences-true 74-useHiddenLayer-false	useBoundarySequences useHiddenLayer	FALSE TRUE	TRUE FALSE	116.4 116.4	4244.4 4134.1	0.8556 0.8556	0.7772	0.8146 0.8146	806 806	136 136	231 231	0.174 0.174	2.108 2.053	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
70-useViterbi-false	useViterbi	TRUE	FALSE	116.3	4322.83	0.8556	0.7772	0.8146	806	136	231	0.174	2.147	0.989	0.938	0.963	0.938	1.015	1.298	3977		
56-normalizeTimex-true 55-normalize-true	normalizeTimex normalize	FALSE FALSE	TRUE TRUE	116.1 116	4262.59 4493.79	0.8556 0.8556	0.7772	0.8146 0.8146	806 806	136 136	231 231	0.174 0.174	2.117 2.232	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
75-restrictLabels-false	restrictLabels	TRUE	FALSE	112.43	4327.53	0.8556	0.7772	0.8146	806	136	231	0.168	2.149	0.989	0.938	0.963	0.938	1.015	1.298	3977		
1-maxLeft-2 38-useNeighborNGrams-true	maxLeft useNeighborNGrams	1 FALSE	2 TRUE	1192.2 209.4	728.39 3827.72	0.8573 0.8564	0.7763 0.7763	0.8148 0.8144	805 805	134 135	232 232	1.784 0.313	0.362 1.901	0.991 0.990	0.937 0.937	0.963 0.962	0.937 0.937	1.000 1.007	1.303 1.303	3977 3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763		805	129	232	0.211	2.064	0.996	0.937	0.965	0.937	0.963	1.303	3977		
68-use2W-true 61-disjunctionWidth-1	use2W disjunctionWidth	FALSE 4	TRUE 1	130.8 118.2	4160.04 4208.47	0.8519 0.8675	0.7763 0.7763		805 805	140 123	232 232	0.196 0.177	2.066 2.090	0.985 1.003	0.937 0.937	0.960 0.968	0.937 0.937	1.045 0.918	1.303 1.303	3977 3977		
87-Qnsize-2	QNsize	25	2	232.9	4290.18	0.8627	0.7753		804	128	232	0.177	2.131	0.997	0.936	0.965	0.936	0.955	1.303	3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE chris3useLC	114.9 124.1	4341.7 4248.93	0.8627 0.8488	0.7753	0.8167	804 803	128 143	233 234	0.172 0.186	2.156	0.997 0.981	0.936 0.935	0.965 0.957	0.936 0.935	0.955 1.067	1.309 1.315	3977		
32-wordShape-chris3useLC 3-useWord-false	wordShape useWord	chris2useLC TRUE	FALSE	137.9	3899.02	0.8614	0.7743 0.7734	0.8099 0.815	802	129	235	0.186	2.110 1.936	0.981	0.935	0.963	0.935	0.963	1.315	3977 3977		
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734		802	130	235	0.169	2.064	0.995	0.934	0.963	0.934	0.970	1.320	3977		
81-sigma-3 57-disjunctionWidth-6	sigma disjunctionWidth	1	3 6	253.8 118.7	4208.47 4327.53	0.8379 0.8484	0.7724 0.7715		801 800	155 143	236 237	0.380 0.178	2.090 2.149	0.969 0.981	0.932 0.931	0.950 0.955	0.932 0.931	1.157 1.067	1.326 1.331	3977 3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	0.174	2.115	0.998	0.931	0.963	0.931	0.948	1.331	3977		
59-disjunctionWidth-3 24-wordShape-dan2useLC	disjunctionWidth wordShape	4 chris2useLC	3 dan2useLC	115.8 119.4	4217.39 4313.45	0.863 0.8497	0.7715 0.7686	0.8147 0.8071	800 797	127 141	237 240	0.173 0.179	2.094 2.142	0.998 0.982	0.931 0.928	0.963 0.954	0.931 0.928	0.948 1.052	1.331 1.348	3977 3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686		797	141	240	0.179	2.182	0.982	0.928	0.954	0.928	1.052	1.348	3977		
28-wordShape-jenny1useLC	wordShape	chris2useLC	jenny1useLC 5	118.5	4095.78	0.8497	0.7686		797 796	141 136	240	0.177 0.174	2.034	0.982	0.928 0.927	0.954 0.955	0.928	1.052 1.015	1.348	3977 3977		
8-maxNGramLeng-5 82-sigma-2	maxNGramLeng sigma	1	5 2	116.1 158.2	4498.87 4235.36	0.8541 0.8494	0.7676	0.8085 0.8059	796 795	136 141	241 242	0.174	2.234 2.103	0.987 0.982	0.927	0.955	0.927 0.925	1.015	1.354 1.360	3977 3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	0.501	1.863	0.966	0.918	0.941	0.919	1.157	1.393	3977		
9-maxNGramLeng-4 62-useDisjunctiveShapeInteraction-true	maxNGramLeng useDisjunctiveShapeInteraction	6 FALSE	4 TRUE	143 149.7	4074.8 4404.21	0.843 0.8534	0.756 0.7522	0.7972 0.7996	784 780	146 134	253 257	0.214 0.224	2.024 2.187	0.974 0.986	0.913 0.908	0.942 0.945	0.913 0.908	1.090 1.000	1.421 1.444	3977 3977		
39-useMoreNeighborNGrams-true	useMoreNeighborNGrams	FALSE	TRUE	141	3933.73	0.8348	0.7454	0.7876	773	153	264	0.211	1.954	0.965	0.900	0.931	0.900	1.142	1.483	3977		
10-maxNGramLeng-3 79-sigma-10	maxNGramLeng sigma	6 1	3 10	128.9 412.8	4370.33 4112.72	0.839 0.8328	0.7435	0.7883 0.7807	771 762	148 153	266 275	0.193 0.618	2.170 2.042	0.970 0.963	0.898 0.887	0.931 0.922	0.898 0.887	1.104 1.142	1.494 1.545	3977 3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4112.72	0.8247		0.7695	748	153	289	0.198	2.042	0.953	0.871	0.922	0.871	1.142	1.624	3977		
78-sigma-20 77-sigma-30	sigma	1 1	20 30	630.6 758.13	4212.92 3748.35	0.823 0.8145	0.7175 0.7155		744 742	160 169	293 295	0.944 1.134	2.092 1.861	0.951 0.942	0.866 0.864	0.906 0.900	0.866 0.864	1.194 1.261	1.646 1.657	3977 3977		
4-useNGrams-false	sigma useNGrams	TRUE	FALSE	148.9	3748.35	0.8145		0.7618	742 717	164	320	0.223	1.861	0.942	0.864	0.883	0.864	1.224	1.798	3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	0.206	2.075	0.941	0.835	0.883	0.835	1.224	1.798	3977		

ordered-by-true-positives

<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	<u>Recommended</u> <u>Value</u>	<u>Test</u> <u>Value</u>	<u>Train time</u> (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> Positives	<u>False</u> <u>Negatives</u>	Relative Train time (sec)	Relative Classifier test Speed	<u>Relative</u> <u>Precision</u>	<u>Relative</u> <u>Recall</u>	Relative F1	Relative True Positives	Relative False Positives	<u>Relative</u> <u>False</u> Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
93-optimal-configuration		-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	1.000	(words/sec) 1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
76-useBagOfWords-true 29-wordShape-chris2	useBagOfWords wordShape	FALSE chris2useLC	TRUE chris2	6362.6 130	497.56 4332.24	0.6951 0.858	0.8264 0.7985	0.7551 0.8272	857 828	376 137	180 209	9.521 0.195	0.247 2.151	0.803 0.992	0.998 0.964	0.892 0.977	0.998 0.964	2.806 1.022	1.011 1.174	3977 3977		
34-wordFunction-Lowercase	wordFunction	null	LowercaseAnd	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	0.207	1.977	0.984	0.961	0.973	0.962	1.075	1.185	3977		
AndAmericanizeFunction 5-noMidNGrams	noMidNGrams	TRUE	AmericanizeFunction FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	0.204	1.817	0.988	0.960	0.974	0.960	1.045	1.191	3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	0.241	2.180	0.993	0.957	0.974	0.957	1.007	1.208	3977		
41-lowercaseNGrams-true 31-wordShape-chris3	lowercaseNGrams wordShape	FALSE chris2useLC	TRUE chris3	142.5 118.5	3929.84 4230.85	0.8662 0.8509	0.7927 0.7927	0.8278 0.8208	822 822	127 144	215 215	0.213 0.177	1.952 2.101	1.001 0.984	0.957 0.957	0.978 0.970	0.957 0.957	0.948 1.075	1.208 1.208	3977 3977		
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	0.239	1.993	0.990	0.954	0.972	0.955	1.022	1.219	3977		
23-wordShape-dan2 25-wordShape-dan2bio	wordShape wordShape	chris2useLC chris2useLC	dan2 dan2bio	143.2 138.8	4100 4271.75	0.8502 0.8502	0.7878 0.7878	0.8178 0.8178	817 817	144 144	220 220	0.214 0.208	2.036 2.121	0.983 0.983	0.951 0.951	0.966 0.966	0.951 0.951	1.075 1.075	1.236 1.236	3977 3977		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	0.206	2.249	0.983	0.951	0.966	0.951	1.075	1.236	3977		
40-conjoinShapeNGrams-true 69-useLC-true	conjoinShapeNGrams useLC	FALSE FALSE	TRUE TRUE	127.3 136.8	3914.37 3961.16	0.8475 0.8553	0.7878 0.7869	0.8166 0.8197	817 816	147 138	220 221	0.190 0.205	1.944 1.967	0.980 0.989	0.951 0.950	0.965 0.969	0.951 0.950	1.097 1.030	1.236 1.242	3977 3977		
2-useClassFeature-false	useClassFeature	TRUE	FALSE	125	3455.26	0.8617	0.7869	0.8226	816	131	221	0.187	1.716	0.996	0.950	0.972	0.950	0.978	1.242	3977		
15-useDisjunctive-false 19-useTypeSeqs2-false	useDisjunctive useTypeSeqs2	TRUE TRUE	FALSE FALSE	137.23 126.8	4217.39 4142.71	0.867 0.8561	0.7859 0.7859	0.8245 0.8195	815 815	125 137	222 222	0.205 0.190	2.094 2.057	1.002 0.990	0.949 0.949	0.974 0.968	0.949 0.949	0.933 1.022	1.247 1.247	3977 3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE	FALSE	118.9	4121.24	0.8597	0.7859	0.8212	815	133	222	0.178	2.047	0.994	0.949	0.970	0.949	0.993	1.247	3977		
86-Qnsize-5 44-useObservedSequencesOnly-true	QNsize useObservedSequencesOnly	25 FALSE	5 TRUE	165.1 65.1	4212.92 5418.26	0.8586 0.8586	0.785 0.785	0.8202 0.8202	814 814	134 134	223 223	0.247 0.097	2.092 2.691	0.992 0.992	0.948 0.948	0.969 0.969	0.948 0.948	1.000 1.000	1.253 1.253	3977 3977	2.0G	
6-maxNGramLeng-8	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.783	0.82	813	133	224	0.037	2.031	0.993	0.946	0.969	0.946	0.993	1.258	3977		
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	0.192	2.015	0.994	0.946	0.969	0.946	0.985	1.258	3977		
54-useReverse-true 14-useNext-false	useReverse useNext	FALSE TRUE	TRUE FALSE	123.9 115.5	4017.17 4029.38	0.8547 0.8611	0.783 0.783	0.8173 0.8202	812 812	138 131	225 225	0.185 0.173	1.995 2.001	0.988 0.995	0.945 0.945	0.966 0.969	0.945 0.945	1.030 0.978	1.264 1.264	3977 3977		
90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	0.331	1.495	0.992	0.944	0.967	0.944	1.000	1.270	3977		12.6M
89-featureDiffThresh-0.05 51-useNextSequences-true	featureDiffThresh useNextSequences	0 FALSE	0.05 TRUE	232.4 146.9	4248.93 4204.02	0.8571 0.8599	0.7811 0.7811	0.8174 0.8186	810 810	135 132	227 227	0.348 0.220	2.110 2.088	0.991 0.994	0.943 0.943	0.966 0.967	0.943 0.943	1.007 0.985	1.275 1.275	3977 3977		10.6M
49-useEntityTypeSequences-true	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	0.213	2.106	0.996	0.943	0.968	0.943	0.970	1.275	3977	.	
85-Qnsize-10 47-useEntityRule-true	QNsize useEntityRule	25 FALSE	10 TRUE	142 121.9	4438.62 4083.16	0.8553 0.8553	0.7811 0.7811	0.8165 0.8165	810 810	137 137	227 227	0.212 0.182	2.204 2.028	0.989 0.989	0.943 0.943	0.965 0.965	0.943 0.943	1.022 1.022	1.275 1.275	3977 3977	2.1G	
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7811	0.8096	810	154	227	0.098	2.040	0.971	0.943	0.957	0.943	1.149	1.275	3977		
16-useSequences-false 58-disjunctionWidth-5	useSequences disjunctionWidth	TRUE 4	FALSE 5	64.8 134.8	3225.47 4134.1	0.8402 0.8643	0.7811 0.7801	0.8096 0.8201	810 809	154 127	227 228	0.097 0.202	1.602 2.053	0.971 0.999	0.943 0.942	0.957 0.969	0.943 0.942	1.149 0.948	1.275 1.281	3977 3977		
48-useOrdinal-true	useOrdinal	FALSE	TRUE	119.8	4013.12	0.857	0.7801	0.8168	809	135	228	0.179	1.993	0.991	0.942	0.965	0.942	1.007	1.281	3977		
91-sloppyGazette-true 42-dehyphenateNGrams-true	sloppyGazette dehyphenateNGrams	FALSE FALSE	TRUE TRUE	136.8 121.1	3980.98 3925.96	0.8568 0.8596	0.7792 0.7792	0.8162 0.8174	808 808	135 132	229 229	0.205 0.181	1.977 1.950	0.990 0.994	0.941 0.941	0.964 0.966	0.941 0.941	1.007 0.985	1.287 1.287	3977 3977		
33-wordShape-chris4	wordShape	chris2useLC	chris4	113	3914.37	0.8559	0.7792	0.8157	808	136	229	0.169	1.944	0.989	0.941	0.964	0.941	1.015	1.287	3977		
20-useTypeySequences-false 52-useLastRealWord-true	useTypeySequences useLastRealWord	TRUE FALSE	FALSE TRUE	125.2 123.3	4299.46 4177.52	0.854 0.8585	0.7782 0.7782	0.8143	807 807	138 133	230 230	0.187 0.184	2.135 2.075	0.987 0.992	0.939 0.939	0.962 0.965	0.939 0.939	1.030 0.993	1.292 1.292	3977 3977		
46-useEntityTypes-true	useEntityTypes	FALSE	TRUE	123.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.183	2.075	0.992	0.939	0.965	0.939	0.963	1.292	3977		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	0.177	1.085	0.989	0.939	0.963	0.939	1.015	1.292	3977		
13-usePrev-false 88-featureDiffThresh-0.1	usePrev featureDiffThresh	TRUE 0	FALSE 0.1	65.1 205.3	3961.16 4181.91	0.8328 0.8565	0.7782 0.7772	0.8046 0.815	807 806	162 135	230 231	0.097 0.307	1.967 2.077	0.963 0.990	0.939 0.938	0.951 0.963	0.939 0.938	1.209 1.007	1.292 1.298	3977 3977		7.6M
0-recommended-properties		-	-	125.5	3798.47	0.8556	0.7772		806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
72-backpropLopTraining-true 71-includeFullCRFInLOP-true	backpropLopTraining includeFullCRFInLOP	FALSE FALSE	TRUE TRUE	122 121.7	3969.06 4199.58	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.183 0.182	1.971 2.086	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	806	136	231	0.181	2.207	0.989	0.938	0.963	0.938	1.015	1.298	3977		
64-useTags-true 36-applyNERPenalty-false	useTags applyNERPenalty	FALSE TRUE	TRUE FALSE	120.4 118.4	4262.59 4235.36	0.8667 0.8556	0.7772 0.7772	0.8195 0.8146	806 806	124 136	231 231	0.180 0.177	2.117 2.103	1.002 0.989	0.938 0.938	0.968 0.963	0.938 0.938	0.925 1.015	1.298 1.298	3977 3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772		806	136	231	0.177	2.158	0.989	0.938	0.963	0.938	1.015	1.298	3977		
45-useTitle-true 35-initWithNERPosterior-true	useTitle initWithNERPosterior	FALSE FALSE	TRUE TRUE	118.1 117.6	4173.14 4276.34	0.8556 0.8556	0.7772 0.7772		806 806	136 136	231 231	0.177 0.176	2.072 2.124	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
84-Qnsize-50	QNsize	25	50	117.2	4160.04	0.8556	0.7772	0.8146	806	136	231	0.175	2.066	0.989	0.938	0.963	0.938	1.015	1.298	3977	2.8G	
66-useTaggySequences-true 50-useLongSequences-true	useTaggySequences useLongSequences	FALSE FALSE	TRUE TRUE	117.1 116.9	4021.23 4049.9	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.175 0.175	1.997 2.011	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772	0.8146	806	136	231	0.175	2.097	0.989	0.938	0.963	0.938	1.015	1.298	3977		
65-useSymTags-true 30-wordShape-chris2useLC	useSymTags wordShape	FALSE chris2useLC	TRUE chris2useLC	116.6 116.4	4091.56 4204.02	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.174 0.174	2.032 2.088	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
63-useBoundarySequences-true	useBoundarySequences	FALSE	TRUE	116.4	4244.4	0.8556	0.7772	0.8146	806	136	231	0.174	2.108	0.989	0.938	0.963	0.938	1.015	1.298	3977		
74-useHiddenLayer-false 70-useViterbi-false	useHiddenLayer useViterbi	TRUE TRUE	FALSE FALSE	116.4 116.3	4134.1 4322.83	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.174 0.174	2.053 2.147	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
56-normalizeTimex-true	normalizeTimex	FALSE	TRUE	116.1	4262.59	0.8556	0.7772	0.8146	806	136	231	0.174	2.117	0.989	0.938	0.963	0.938	1.015	1.298	3977		
55-normalize-true 75-restrictLabels-false	normalize restrictLabels	FALSE TRUE	TRUE FALSE	116 112.43	4493.79 4327.53	0.8556 0.8556		0.8146 0.8146	806 806	136 136	231 231	0.174 0.168	2.232 2.149	0.989 0.989	0.938 0.938	0.963 0.963	0.938 0.938	1.015 1.015	1.298 1.298	3977 3977		
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7763	0.8148	805	134	232	1.784	0.362	0.991	0.937	0.963	0.937	1.000	1.303	3977		
38-useNeighborNGrams-true 37-useWordPairs-true	useNeighborNGrams useWordPairs	FALSE FALSE	TRUE TRUE	209.4 140.8	3827.72 4155.69	0.8564 0.8619		0.8144 0.8168	805 805	135 129	232 232	0.313 0.211	1.901 2.064	0.990 0.996	0.937 0.937	0.962 0.965	0.937 0.937	1.007 0.963	1.303 1.303	3977 3977		
68-use2W-true	use2W	FALSE	TRUE	130.8	4160.04	0.8519	0.7763	0.8123	805	140	232	0.196	2.066	0.985	0.937	0.960	0.937	1.045	1.303	3977		
61-disjunctionWidth-1 87-Qnsize-2	disjunctionWidth QNsize	4 25	1 2	118.2 232.9	4208.47 4290.18	0.8675 0.8627	0.7763 0.7753		805 804	123 128	232 233	0.177 0.348	2.090 2.131	1.003 0.997	0.937 0.936	0.968 0.965	0.937 0.936	0.918 0.955	1.303 1.309	3977 3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	0.172	2.156	0.997	0.936	0.965	0.936	0.955	1.309	3977	2.00	
32-wordShape-chris3useLC 3-useWord-false	wordShape useWord	chris2useLC TRUE	chris3useLC FALSE	124.1 137.9	4248.93 3899.02	0.8488 0.8614	0.7743 0.7734		803 802	143 129	234 235	0.186 0.206	2.110 1.936	0.981 0.996	0.935 0.934	0.957 0.963	0.935 0.934	1.067 0.963	1.315 1.320	3977 3977		
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734	0.8146	802	130	235	0.169	2.064	0.995	0.934	0.963	0.934	0.970	1.320	3977		
81-sigma-3 57-disjunctionWidth-6	sigma disjunctionWidth	1 4	3 6	253.8 118.7	4208.47 4327.53	0.8379 0.8484	0.7724 0.7715	0.8038 0.8081	801 800	155 143	236 237	0.380 0.178	2.090 2.149	0.969 0.981	0.932 0.931	0.950 0.955	0.932 0.931	1.157 1.067	1.326 1.331	3977 3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	0.174	2.115	0.998	0.931	0.963	0.931	0.948	1.331	3977		
59-disjunctionWidth-3 24-wordShape-dan2useLC	disjunctionWidth wordShape	4 chris2useLC	3 dan2useLC	115.8 119.4	4217.39 4313.45	0.863 0.8497	0.7715 0.7686	0.8147 0.8071	800 797	127 141	237 240	0.173 0.179	2.094 2.142	0.998 0.982	0.931 0.928	0.963 0.954	0.931 0.928	0.948 1.052	1.331 1.348	3977 3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686	0.8071	797	141	240	0.179	2.182	0.982	0.928	0.954	0.928	1.052	1.348	3977		
28-wordShape-jenny1useLC 8-maxNGramLeng-5	wordShape maxNGramLeng	chris2useLC 6	jenny1useLC 5	118.5 116.1	4095.78 4498.87	0.8497 0.8541	0.7686 0.7676	0.8071 0.8085	797 796	141 136	240 241	0.177 0.174	2.034 2.234	0.982 0.987	0.928 0.927	0.954 0.955	0.928 0.927	1.052 1.015	1.348 1.354	3977 3977		
82-sigma-2	sigma	1	2	158.2	4235.36	0.8494	0.7666	0.8059	795	141	242	0.237	2.103	0.982	0.925	0.952	0.925	1.052	1.360	3977		
80-sigma-5 9-maxNGramLeng-4	sigma maxNGramLeng	1 6	5 4	334.9 143	3751.89 4074.8	0.8358 0.843	0.7608 0.756	0.7966 0.7972	789 784	155 146	248 253	0.501 0.214	1.863 2.024	0.966 0.974	0.918 0.913	0.941 0.942	0.919 0.913	1.157 1.090	1.393 1.421	3977 3977		
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7	4404.21	0.8534	0.7522	0.7996	780	134	257	0.224	2.187	0.986	0.908	0.945	0.908	1.000	1.444	3977		
39-useMoreNeighborNGrams-true 10-maxNGramLeng-3	useMoreNeighborNGrams maxNGramLeng	FALSE 6	TRUE 3	141 128.9	3933.73 4370.33	0.8348 0.839	0.7454 0.7435	0.7876 0.7883	773 771	153 148	264 266	0.211 0.193	1.954 2.170	0.965 0.970	0.900 0.898	0.931 0.931	0.900 0.898	1.142 1.104	1.483 1.494	3977 3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	0.618	2.042	0.963	0.887	0.922	0.887	1.142	1.545	3977		
11-maxNGramLeng-2 78-sigma-20	maxNGramLeng sigma	6 1	2 20	132.6 630.6	4199.58 4212.92	0.8247 0.823	0.7213 0.7175		748 744	159 160	289 293	0.198 0.944	2.086 2.092	0.953 0.951	0.871 0.866	0.909 0.906	0.871 0.866	1.187 1.194	1.624 1.646	3977 3977		
76-sigma-20 77-sigma-30	sigma	1	30	758.13	3748.35	0.823		0.7618	744	169	295 295	1.134	1.861	0.942	0.864	0.900	0.864	1.194	1.657	3977		
4-useNGrams-false 12-maxNGramLeng-1	useNGrams maxNGramLeng	TRUE 6	FALSE 1	148.9 138	3827.72 4177.52	0.8138 0.8138		0.7477 0.7477	717 717	164 164	320 320	0.223 0.206	1.901 2.075	0.941 0.941	0.835 0.835	0.883 0.883	0.835 0.835	1.224 1.224	1.798 1.798	3977 3977		
		J	±	250	.1.7.02	0.0100	0.0014	J., 411		204	020	0.200	2.575	0.071	0.500	3.300	0.555	1.22	2.730	5511		

ordered-by-false-positives

<u>Test folder</u>	<u>Changed</u> Parameter	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	Train time (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> Positives	<u>False</u> Negatives	Relative Train time (sec)	<u>Relative</u> <u>Classifier test</u> <u>Speed</u> (words/sec)	Relative Precision	<u>Relative</u> <u>Recall</u>	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264		857	376	180	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
77-sigma-30 4-useNGrams-false	sigma useNGrams	1 TRUE	30 FALSE	758.13 148.9	3748.35 3827.72	0.8145 0.8138	0.7155 0.6914	0.7618 0.7477	742 717	169 164	295 320	0.119 0.023	7.533 7.693	1.172 1.171	0.866 0.837	1.009 0.990	0.866 0.837	0.449 0.436	1.639 1.778	3977 3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	0.022	8.396	1.171	0.837	0.990	0.837	0.436	1.778	3977		
13-usePrev-false 78-sigma-20	usePrev sigma	TRUE 1	FALSE 20	65.1 630.6	3961.16 4212.92	0.8328 0.823	0.7782 0.7175	0.8046 0.7666	807 744	162 160	230 293	0.010 0.099	7.961 8.467	1.198 1.184	0.942 0.868	1.066 1.015	0.942 0.868	0.431 0.426	1.278 1.628	3977 3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7213	0.7695	748	159	289	0.021	8.440	1.186	0.873	1.019	0.873	0.423	1.606	3977		
80-sigma-5 81-sigma-3	sigma sigma	1	5 3	334.9 253.8	3751.89 4208.47	0.8358 0.8379	0.7608 0.7724	0.7966 0.8038	789 801	155 155	248 236	0.053 0.040	7.541 8.458	1.202 1.205	0.921 0.935	1.055 1.064	0.921 0.935	0.412 0.412	1.378 1.311	3977 3977		
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7724	0.8096	810	154	227	0.040	8.257	1.209	0.935	1.072	0.935	0.412	1.261	3977		
16-useSequences-false	useSequences	TRUE 1	FALSE 10	64.8	3225.47	0.8402 0.8328	0.7811 0.7348	0.8096	810 762	154 153	227 275	0.010 0.065	6.483 8.266	1.209 1.198	0.945 0.889	1.072 1.034	0.945 0.889	0.410 0.407	1.261 1.528	3977 3977		
79-sigma-10 39-useMoreNeighborNGrams-true	sigma useMoreNeighborNGrams	FALSE	TRUE	412.8 141	4112.72 3933.73	0.8348	0.7454	0.7807 0.7876	773	153	264	0.005	7.906	1.196	0.869	1.034	0.869	0.407	1.526	3977		
10-maxNGramLeng-3	maxNGramLeng	6	3	128.9	4370.33	0.839	0.7435	0.7883	771	148	266	0.020	8.784	1.207	0.900	1.044	0.900	0.394	1.478	3977		
40-conjoinShapeNGrams-true 9-maxNGramLeng-4	conjoinShapeNGrams maxNGramLeng	FALSE 6	TRUE 4	127.3 143	3914.37 4074.8	0.8475 0.843	0.7878 0.756	0.8166 0.7972	817 784	147 146	220 253	0.020 0.022	7.867 8.190	1.219 1.213	0.953 0.915	1.081 1.056	0.953 0.915	0.391 0.388	1.222 1.406	3977 3977		
23-wordShape-dan2	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	0.023	8.240	1.223	0.953	1.083	0.953	0.383	1.222	3977		
25-wordShape-dan2bio 34-wordFunction-Lowercase	wordShape	chris2useLC	dan2bio LowercaseAnd	138.8	4271.75	0.8502	0.7878	0.8178	817	144	220	0.022	8.585	1.223	0.953	1.083	0.953	0.383	1.222	3977		
AndAmericanizeFunction	wordFunction	null	AmericanizeFunction	138.3	3980.98	0.8515	0.7965		826 817	144 144	211	0.022 0.022	8.001	1.225	0.964 0.953	1.090 1.083	0.964	0.383 0.383	1.172 1.222	3977 3977		
27-wordShape-jenny1 31-wordShape-chris3	wordShape wordShape	chris2useLC chris2useLC	jenny1 chris3	137.8 118.5	4529.61 4230.85	0.8502 0.8509	0.7878 0.7927	0.8178 0.8208	822	144	220 215	0.022	9.104 8.503	1.223 1.224	0.953	1.087	0.953 0.959	0.383	1.194	3977		
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743		803	143	234	0.020	8.540	1.221	0.937	1.073	0.937	0.380	1.300	3977		
57-disjunctionWidth-6 82-sigma-2	disjunctionWidth sigma	4 1	6 2	118.7 158.2	4327.53 4235.36	0.8484 0.8494	0.7715 0.7666	0.8081 0.8059	800 795	143 141	237 242	0.019 0.025	8.698 8.512	1.221 1.222	0.934 0.928	1.070 1.067	0.933 0.928	0.380 0.375	1.317 1.344	3977 3977		
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	0.019	8.669	1.222	0.930	1.069	0.930	0.375	1.333	3977		
26-wordShape-dan2bioUseLC 28-wordShape-jenny1useLC	wordShape wordShape	chris2useLC chris2useLC	dan2bioUseLC jenny1useLC	119.3 118.5	4394.48 4095.78	0.8497 0.8497	0.7686 0.7686	0.8071 0.8071	797 797	141 141	240 240	0.019 0.019	8.832 8.232	1.222 1.222	0.930 0.930	1.069 1.069	0.930 0.930	0.375 0.375	1.333 1.333	3977 3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	0.021	7.353	1.230	0.963	1.092	0.963	0.372	1.178	3977		
68-use2W-true 69-useLC-true	use2W useLC	FALSE FALSE	TRUE TRUE	130.8 136.8	4160.04 3961.16	0.8519 0.8553	0.7763 0.7869	0.8123 0.8197	805 816	140 138	232 221	0.021 0.022	8.361 7.961	1.226 1.230	0.939 0.952	1.076 1.086	0.939 0.952	0.372 0.367	1.289 1.228	3977 3977		
20-useTypeySequences-false	useTypeySequences	TRUE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	0.020	8.641	1.229	0.942	1.078	0.942	0.367	1.278	3977		
54-useReverse-true 22-wordShape-chris1	useReverse wordShape	FALSE chris2useLC	TRUE chris1	123.9 159.6	4017.17 4013.12	0.8547 0.8568	0.783 0.7907	0.8173 0.8225	812 820	138 137	225 217	0.019 0.025	8.074 8.066	1.230 1.233	0.947 0.957	1.082 1.089	0.947 0.957	0.367 0.364	1.250 1.206	3977 3977		
85-Qnsize-10	QNsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	0.022	8.921	1.230	0.945	1.081	0.945	0.364	1.261	3977	2.1G	
29-wordShape-chris2 19-useTypeSegs2-false	wordShape useTypeSeqs2	chris2useLC TRUE	chris2 FALSE	130 126.8	4332.24 4142.71	0.858 0.8561	0.7985 0.7859	0.8272 0.8195	828 815	137 137	209 222	0.020 0.020	8.707 8.326	1.234 1.232	0.966 0.951	1.095 1.085	0.966 0.951	0.364 0.364	1.161 1.233	3977 3977		
47-useEntityRule-true	useEntityRule	FALSE	TRUE	121.9	4083.16	0.8553	0.7811	0.8165	810	137	227	0.019	8.206	1.230	0.945	1.081	0.945	0.364	1.261	3977		
0-recommended-properties 72-backpropLopTraining-true	- backpropLopTraining	- FALSE	- TRUE	125.5 122	3798.47 3969.06	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.019	- 7.977	- 1.231	- 0.940	- 1.079	- 0.940	- 0.362	- 1.283	3977 3977	2.7G	16.5M
71-includeFullCRFInLOP-true	includeFullCRFInLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772		806	136	231	0.019	8.440	1.231	0.940	1.079	0.940	0.362	1.283	3977		
73-useOutputLayer-false	useOutputLayer applyNERPenalty	TRUE TRUE	FALSE FALSE	121.2 118.4	4443.58 4235.36	0.8556 0.8556	0.7772		806 806	136 136	231 231	0.019 0.019	8.931 8.512	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
36-applyNERPenalty-false 83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7772 0.7782	0.8146 0.8152	807	136	231	0.019	4.392	1.231	0.940	1.079	0.940	0.362	1.278	3977		
43-useKnownLCWords-false 45-useTitle-true	useKnownLCWords	TRUE FALSE	FALSE TRUE	118.2 118.1	4346.45 4173.14	0.8556 0.8556	0.7772		806 806	136 136	231 231	0.019 0.019	8.736 8.387	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
35-initWithNERPosterior-true	useTitle initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772 0.7772	0.8146 0.8146	806	136	231	0.019	8.595	1.231	0.940	1.079	0.940	0.362	1.283	3977		
84-Qnsize-50	QNsize	25 FALSE	50 TRUE	117.2 117.1	4160.04 4021.23	0.8556 0.8556	0.7772 0.7772	0.8146 0.8146	806 806	136 136	231 231	0.018 0.018	8.361 8.082	1.231 1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977	2.8G	
66-useTaggySequences-true 50-useLongSequences-true	useTaggySequences useLongSequences	FALSE	TRUE	116.9	4021.23	0.8556	0.7772	0.8146	806	136	231	0.018	8.140	1.231	0.940	1.079	0.940	0.362	1.283	3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE TRUE	116.9 116.6	4221.87	0.8556	0.7772	0.8146 0.8146	806 806	136 136	231	0.018 0.018	8.485	1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
65-useSymTags-true 30-wordShape-chris2useLC	useSymTags wordShape	FALSE chris2useLC	chris2useLC	116.4	4091.56 4204.02	0.8556 0.8556	0.7772		806	136	231 231	0.018	8.223 8.449	1.231 1.231	0.940	1.079	0.940	0.362	1.283	3977		
63-useBoundarySequences-true 74-useHiddenLayer-false	useBoundarySequences	FALSE	TRUE FALSE	116.4	4244.4 4134.1	0.8556	0.7772 0.7772		806 806	136 136	231	0.018 0.018	8.530	1.231	0.940 0.940	1.079 1.079	0.940 0.940	0.362 0.362	1.283 1.283	3977 3977		
74-userilduenLayer-iaise 70-useViterbi-false	useHiddenLayer useViterbi	TRUE TRUE	FALSE	116.4 116.3	4322.83	0.8556 0.8556	0.7772		806	136	231 231	0.018	8.309 8.688	1.231 1.231	0.940	1.079	0.940	0.362	1.283	3977		
56-normalizeTimex-true 8-maxNGramLeng-5	normalizeTimex maxNGramLeng	FALSE 6	TRUE 5	116.1 116.1	4262.59 4498.87	0.8556 0.8541	0.7772 0.7676	0.8146	806 796	136 136	231 241	0.018 0.018	8.567 9.042	1.231 1.229	0.940 0.929	1.079 1.071	0.940 0.929	0.362 0.362	1.283 1.339	3977 3977		
55-normalize-true	normalize	FALSE	TRUE	116.1	4493.79	0.8556		0.8146	806	136	231	0.018	9.032	1.231	0.929	1.071	0.929	0.362	1.283	3977		
33-wordShape-chris4 75-restrictLabels-false	wordShape restrictLabels	chris2useLC TRUE	chris4 FALSE	113 112.43	3914.37 4327.53	0.8559 0.8556	0.7792	0.8157 0.8146	808 806	136 136	229 231	0.018 0.018	7.867 8.698	1.231 1.231	0.943 0.940	1.080 1.079	0.943 0.940	0.362 0.362	1.272 1.283	3977 3977		
89-featureDiffThresh-0.05	featureDiffThresh	0	0.05	232.4	4327.53	0.8571	0.7772	0.8174	810	135	227	0.018	8.540	1.231	0.945	1.079	0.945	0.352	1.263	3977		10.6M
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763	0.8144	805	135	232	0.033	7.693	1.232	0.939	1.079	0.939	0.359	1.289	3977		7.614
88-featureDiffThresh-0.1 21-wordShape-dan1	featureDiffThresh wordShape	0 chris2useLC	0.1 dan1	205.3 161.1	4181.91 4389.62	0.8565 0.8589	0.7772 0.7927	0.815 0.8245	806 822	135 135	231 215	0.032 0.025	8.405 8.822	1.232 1.236	0.940 0.959	1.079 1.092	0.940 0.959	0.359 0.359	1.283 1.194	3977 3977		7.6M
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792		808	135	229	0.022	8.001	1.233	0.943	1.081	0.943	0.359	1.272	3977		
48-useOrdinal-true 1-maxLeft-2	useOrdinal maxLeft	FALSE 1	TRUE 2	119.8 1192.2	4013.12 728.39	0.857 0.8573	0.7801 0.7763	0.8168 0.8148	809 805	135 134	228 232	0.019 0.187	8.066 1.464	1.233 1.233	0.944 0.939	1.082 1.079	0.944 0.939	0.359 0.356	1.267 1.289	3977 3977		
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	0.105	4.047	1.245	1.002	1.121	1.002	0.356	0.989	3977		40.014
90-featureDiffThresh-0.025 86-Qnsize-5	featureDiffThresh QNsize	0 25	0.025 5	221.2 165.1	3010.6 4212.92	0.8582 0.8586	0.7821 0.785	0.8184 0.8202	811 814	134 134	226 223	0.035 0.026	6.051 8.467	1.235 1.235	0.946 0.950	1.084 1.086	0.946 0.950	0.356 0.356	1.256 1.239	3977 3977	2.0G	12.6M
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7	4404.21	0.8534	0.7522	0.7996	780	134	257	0.024	8.852	1.228	0.910	1.059	0.910	0.356	1.428	3977		
44-useObservedSequencesOnly-true 6-maxNGramLeng-8	useObservedSequencesOnly maxNGramLeng	FALSE 6	TRUE 8	65.1 141.2	5418.26 4262.59	0.8586 0.8594	0.785 0.784	0.8202 0.82	814 813	134 133	223 224	0.010 0.022	10.890 8.567	1.235 1.236	0.950 0.949	1.086 1.086	0.950 0.949	0.356 0.354	1.239 1.244	3977 3977		
52-useLastRealWord-true	useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782	0.8164	807	133	230	0.019	8.396	1.235	0.942	1.081	0.942	0.354	1.278	3977		
18-useTypeSeqs-false 51-useNextSequences-true	useTypeSeqs useNextSequences	TRUE FALSE	FALSE TRUE	118.9 146.9	4121.24 4204.02	0.8597 0.8599	0.7859 0.7811	0.8212 0.8186	815 810	133 132	222 227	0.019 0.023	8.283 8.449	1.237 1.237	0.951 0.945	1.088 1.084	0.951 0.945	0.354 0.351	1.233 1.261	3977 3977		
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	0.020	8.156	1.238	0.949	1.086	0.949	0.351	1.244	3977		
42-dehyphenateNGrams-true 2-useClassFeature-false	dehyphenateNGrams useClassFeature	FALSE TRUE	TRUE FALSE	121.1 125	3925.96 3455.26	0.8596 0.8617	0.7792 0.7869	0.8174 0.8226	808 816	132 131	229 221	0.019 0.020	7.890 6.944	1.237 1.240	0.943 0.952	1.083 1.089	0.943 0.952	0.351 0.348	1.272 1.228	3977 3977		
14-useNext-false	useClassFeature useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.018	8.098	1.239	0.947	1.086	0.947	0.348	1.250	3977		
49-useEntityTypeSequences-true 53-useNextRealWord-true	useEntityTypeSequences useNextRealWord	FALSE FALSE	TRUE TRUE	142.3 113.2	4239.87 4155.69	0.8617 0.8605	0.7811 0.7734	0.8194 0.8146	810 802	130 130	227 235	0.022 0.018	8.521 8.352	1.240 1.238	0.945 0.936	1.085 1.079	0.945 0.936	0.346 0.346	1.261 1.306	3977 3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8146	802 805	129	235	0.018	8.352	1.238	0.936	1.079	0.936	0.346	1.306	3977		
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	0.022	7.836	1.239	0.936	1.079	0.936	0.343	1.306	3977		
46-useEntityTypes-true 87-Qnsize-2	useEntityTypes QNsize	FALSE 25	TRUE 2	122.5 232.9	4204.02 4290.18	0.8622 0.8627	0.7782 0.7753	0.818 0.8167	807 804	129 128	230 233	0.019 0.037	8.449 8.622	1.240 1.241	0.942 0.938	1.083 1.082	0.942 0.938	0.343 0.340	1.278 1.294	3977 3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	0.018	8.726	1.241	0.938	1.082	0.938	0.340	1.294	3977		
41-lowercaseNGrams-true 58-disjunctionWidth-5	lowercaseNGrams disjunctionWidth	FALSE 4	TRUE 5	142.5 134.8	3929.84 4134.1	0.8662 0.8643	0.7927 0.7801	0.8278 0.8201	822 809	127 127	215 228	0.022 0.021	7.898 8.309	1.246 1.243	0.959 0.944	1.096 1.086	0.959 0.944	0.338 0.338	1.194 1.267	3977 3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	0.018	8.558	1.242	0.934	1.079	0.933	0.338	1.317	3977		
59-disjunctionWidth-3 15-useDisjunctive-false	disjunctionWidth useDisjunctive	4 TRUE	3 FALSE	115.8 137.23	4217.39 4217.39	0.863 0.867	0.7715 0.7859	0.8147 0.8245	800 815	127 125	237 222	0.018 0.022	8.476 8.476	1.242 1.247	0.934 0.951	1.079 1.092	0.933 0.951	0.338 0.332	1.317 1.233	3977 3977		
64-useTags-true	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	0.019	8.567	1.247	0.940	1.085	0.940	0.330	1.283	3977		
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	0.019	8.458	1.248	0.939	1.085	0.939	0.327	1.289	3977		

ordered-by-false-negatives

Separate services and services	<u>Test folder</u>	<u>Changed</u> <u>Parameter</u>	Recommended <u>Value</u>	<u>Test</u> <u>Value</u>	Train time (sec)	Classifier test Speed (words/sec)	Precision	<u>Recall</u>	<u>F1</u>	<u>True</u> Positives	<u>False</u> <u>Positives</u>	<u>False</u> Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	<u>Relative</u> <u>Recall</u>	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	<u>JVM</u> <u>Memory</u> <u>Usage</u>	Model Size
Second Control 1			TRUE											1.000									
	<u> </u>	_	6																				
Part			1																				
Property			6	_																			
Separate series and se			1 6																				
Marchard			FALSE	-																			
Profession 1																							
March Marc			6 1	•																			
Part	82-sigma-2		1	2	158.2	4235.36	0.8494	0.7666	0.8059	795	141	242	1.062	1.106	1.044	1.109	1.078	1.109	0.860	0.756	3977		
Control Cont			6 chris?usal C	-																			
- Martin-Schulde 1																							
Marie Mari		-	chris2useLC	jenny1useLC																			
Part			4	6																			
Proceedings		•	4	3																			
Control Cont			1	-																			
Part																							
Part																							
Part		=		=																		1.8G	
Second content																							
Page	38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564		0.8144	805	135	232	1.406	1.000	1.052	1.123	1.089	1.123	0.823	0.725	3977		
Part																							
Second contribution Property of the contribution Propert																							
Part				=	205.3	4181.91	0.8565			806	135	231									3977		
Professional Content			-	-									-	-	-	-	-	-	-	-		2.7G	16.5M
Property and section Property																							
Second process Seco																							
Part																							
A Section of Column																							
According Company Co	45-useTitle-true	useTitle	FALSE	TRUE	118.1	4173.14	0.8556	0.7772	0.8146	806	136	231	0.793	1.090	1.051	1.124	1.089	1.124	0.829	0.722	3977		
Language companies Languag																						2.00	
Second content of the content of t		=																				2.8G	
Contemplay Con	50-useLongSequences-true		FALSE	TRUE	116.9	4049.9	0.8556			806	136	231	0.785	1.058	1.051	1.124	1.089	1.124	0.829	0.722	3977		
Second contend of the contend of t																							
Secondary Segment																							
Process Content Process Proc			FALSE	TRUE	116.4	4244.4	0.8556			806	136	231	0.782		1.051	1.124	1.089	1.124	0.829	0.722	3977		
Secretaries Controlled Prince P		-																					
Secondarization Secondariz																							
2-1	55-normalize-true	normalize	FALSE	TRUE	116	4493.79	0.8556	0.7772	0.8146	806	136	231	0.779	1.174	1.051	1.124	1.089	1.124	0.829	0.722	3977		
Statistifies with order Statistifies with order PASE TRUE 12.5 4.177.52 0.8855 0.7782 0.8855 0.7782 0.8855 0.7872 0.8855 0.7855																							
According Propose Uniform Propose FASE TRUE 125 4204.00 0.0822 0.7782 0.8183 0.079 1.09 1.00 1.10 1.00 1.10 1.00 0.777 0.719 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.777 0.779 0.7																							
1-1	46-useEntityTypes-true	useEntityTypes	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.823	1.098	1.059	1.126	1.094	1.126	0.787	0.719	3977		
9-1-May Supply Gazente-Stude 4-deply Principal Common for adelpy Principal Common for	**																						
33-wordshape-fined wordshape-fined wordshape-fined wordshape-fined seleginarchifests disjunctions of the property of the prope																							
Selegotic control Sele		3.																					
## Securing Health of the properties of the prop	•	•								000													
StruckerSequences-true useReinty/Sesquences FALSE TRUE 14.9 42.94			•																				
49-usefanity/typeSequences-have usefanity/typeSequences-have usefanity/typ			-																				10.6M
Se Chisse-10 Obsize 25 10 142 448.82 0.853 0.781 0.816 810 137 227 0.954 1.100 1.051 1.130 1.092 1.130 0.835 0.709 9377 2.10	·	•																					
FALSE FALSE FALSE FALSE 68.2 4108.47 0.8402 0.7811 0.8096 81.0 154 227 0.438 1.032 1.130 1.038 1.130 0.939 0.709 3.977					142											1.130						2.1G	
Facus Facu																							
90-death/e-bifffreesh 0.025 feathre-bifffreesh 0.025																							
14-useNext-false useNext TRUE FALSE 11.5 4029.38 0.8611 0.78 0.8610 0.78 0.8612 131 225 0.776 1.053 1.058 1.058 1.132 1.097 1.12 0.799 0.703 3977	90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	1.486	0.787	1.055	1.131	1.095	1.131	0.817	0.706	3977		12.6M
6-maxNGramLeng-8 maxNGramLeng-1 6 8 8 141.2 426.259 0.8594 0.784 0.82 813 132 224 0.848 1.114 1.056 1.134 1.097 1.134 0.811 0.700 3977 ### Analy Marking MaxNGramLeng-7 maxNGramLeng 6 7 1.056 0.784 0.820 81.3 132 224 0.848 1.06 1.056 1.134 1.097 1.134 0.811 0.700 3977 ### August MaxNGramLeng-7 maxNGramLeng 6 7 1.056 1.056 1.056 1.056 1.056 1.056 1.056 1.056 1.056 0.700 3977 ### August MaxNGramLeng-7 maxNGramLeng 6 7 1.056 1.056 1.056 1.056 1.056 1.056 1.056 1.056 0.700 3977 ### August MaxNGramLeng-7 maxNGramLeng 6 7 1.056 1.056 1.056 1.056 1.056 1.056 1.056 1.056 0.056 0.700 3977 ### August MaxNGramLeng-7 maxNGramLeng 6 7 1.056 1.056 1.056 1.056 1.056 1.056 1.056 0.056 0.700 3977 ### August MaxNGramLeng-7 maxNGramLeng 6 7 1.056 1.056 1.056 1.056 1.056 1.056 1.056 0																							
Transport Tran																							
44.seObservedSequencesOnly-frue useObservedSequencesOnly-frue useDistrictive TRUE FALSE 137, 23 4217, 39 0.867 0.7859 0.820 814 134 223 0.437 1.416 1.055 1.135 1.135 0.817 0.697 3977 19.seTypeSeqs2-false useTypeSeqs2 TRUE FALSE 132, 3421, 39 0.867 0.7859 0.815 1.135 1.135 1.135 1.135 1.135 1.135 1.135 0.817 0.697 1.135 1.1	7-maxNGramLeng-7	· ·		•	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	0.864	1.060	1.057	1.134	1.097	1.134	0.805	0.700	3977		
15-useDisjunctive-lase useDisjunctive TRUE FALSE 137,23 4217,39 0.867 0.7859 0.8245 815 125 222 0.922 1.102 1.065 1.137 1.103 1.137 0.762 0.694 3977				-																		2.0G	
19-use-Type-Seqs-2-laise use-Type-Seqs-2-laise use-Type-Seqs-2-laise use-Type-Seqs-2-laise use-Type-Seqs-2-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Type-Seqs-3-laise use-Lo-Tune use-Lo-																							
69-usel.C-true usel.C FALSE TRUE 136.8 396.1.16 0.8553 0.7869 0.8197 81.6 138 221 0.919 1.035 1.051 1.138 1.096 1.138 0.841 0.691 3977 2-useClassFeature-false useClassFeature false useClassFeature-false useClassFeature-f	19-useTypeSeqs2-false	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	0.852	1.082	1.052	1.137	1.096	1.137	0.835	0.694	3977		
2-useClassFeature-false useClassFeature TRUE FALSE 125 3455.26 0.8617 0.7869 0.8226 816 131 221 0.839 0.903 1.059 1.138 1.100 1.138 0.799 0.691 3977 23-wordShape-dan2bio wordShape chris2useLC dan2bio 138.8 4271.75 0.8502 0.7878 0.8178 817 1.44 220 0.962 1.071 1.045 1.139 1.094 1.139 0.878 0.688 3977 27-wordShape-jenny1 wordShape chris2useLC jenny1 137.8 4529.61 0.8502 0.7878 0.8178 817 1.44 220 0.925 1.116 1.045 1.139 1.094 1.139 0.878 0.688 3977 40-conjoinShapeNGrams true conjoinShapeNGrams FALSE TRUE 127.3 3914.37 0.8475 0.7878 0.8178 817 1.44 220 0.925 1.183 1.045 1.139 1.094 1.139 0.878 0.688 3977 22-wordShape-chris1 wordShape chris2useLC chris1 159.6 4013.12 0.8568 0.7907 0.8225 820 137 217 1.072 1.048 1.053 1.144 1.100 1.144 0.835 0.678 3977 21-wordShape-dan1 wordShape chris2useLC dan1 161.1 4389.62 0.8598 0.7907 0.8225 820 137 217 1.072 1.048 1.053 1.144 1.100 1.144 0.835 0.678 3977 21-wordShape-dan1 wordShape chris2useLC dan1 161.1 4389.62 0.8589 0.7927 0.8245 822 135 215 1.082 1.147 1.055 1.147 1.105 1.146 0.823 0.672 3977 31-wordShape-chris3 wordShape chris2useLC chris3 118.5 4230.85 0.8509 0.7927 0.8248 822 135 215 0.957 1.027 1.048 1.053 1.144 1.100 1.146 0.823 0.672 3977 31-wordShape-chris3 wordShape chris2useLC chris3 118.5 4230.85 0.8509 0.8549 0.7956 0.8242 825 140 212 0.915 0.956 1.051 1.151 1.102 1.151 0.854 0.663 3977 34-wordFunction-Lowercase And AmericanizeFunction wordShape chris2useLC chris2 130 433.24 0.858 0.859 0.8518 0.7985 0.8218 826 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977 40-cond-function-Lowercase And AmericanizeFunction useBagOfWords FALSE TRUE 6.362.6 497.56 0.8518 0.7985 0.8271 828 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977 40-cond-function-Lowercase And AmericanizeFunction useBagOfWords FALSE TRUE 6.362.6 497.56 0.8518 0.7985 0.8218 827 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977																							
23-wordShape-dan2 wordShape chris2useLC dan2 143.2 4100 0.8502 0.7878 0.8178 817 144 220 0.962 1.071 1.045 1.139 1.094 1.139 0.878 0.688 3977 25-wordShape-dan2bio wordShape chris2useLC dan2bio 138.8 4271.75 0.8502 0.7878 0.8178 817 144 220 0.932 1.116 1.045 1.139 1.094 1.139 0.878 0.688 3977 25-wordShape-chris2useLC penny1 137.8 4529.61 0.8502 0.7878 0.8178 817 144 220 0.925 1.183 1.045 1.139 1.094 1.139 0.878 0.688 3977 40-conjoinShapeNGrams true conjoinShapeNGrams FALSE TRUE 127.3 3914.37 0.8475 0.7878 0.8166 817 147 220 0.855 1.023 1.041 1.139 1.092 1.139 0.878 0.688 3977 1.005																							
27-wordShape-jenny1 wordShape chris2useLC jenny1 137.8 452.9.61 0.8502 0.7878 0.8178 817 144 220 0.925 1.183 1.045 1.139 1.094 1.139 0.878 0.688 3977 40-conjoinShapeNGrams-true conjoinShapeNGrams FALSE TRUE 127.3 3914.37 0.8475 0.7878 0.8166 817 147 220 0.855 1.023 1.041 1.139 1.092 1.139 0.896 0.688 3977 22-wordShape-chris1 wordShape chris2useLC chris1 159.6 4013.12 0.8568 0.7907 0.8225 820 137 217 1.072 1.085 1.147 1.055 1.147 1.100 1.146 0.823 0.672 3977 21-wordShape-chris1 wordShape chris2useLC dan1 161.1 4389.62 0.8589 0.7927 0.8245 822 135 215 1.082 1.147 1.055 1.147 1.103 1.146 0.823 0.672 3977 41-lowercaseNGrams-true lowercaseNGrams FALSE TRUE 142.5 3929.84 0.8662 0.7927 0.8278 822 127 215 0.957 1.027 1.064 1.147 1.107 1.146 0.774 0.672 3977 41-lowercaseNGrams nonlidNGrams nonlidNGrams TRUE FALSE 136.2 3658.69 0.8549 0.8599 0.7927 0.8208 822 127 215 0.957 1.027 1.064 1.147 1.107 1.146 0.774 0.672 3977 41-lowercaseNGrams nonlidNGrams nonlidNGrams TRUE FALSE 136.2 3658.69 0.8549 0.8599 0.7926 0.8549 0.8590 0.7926 0.8549 0.8590 0.7926 0.8549 0.8590 0.7926 0.8549 0.7926 0.8	23-wordShape-dan2	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	0.962	1.071	1.045	1.139	1.094	1.139	0.878	0.688	3977		
40-conjoinShapeNGrams-true conjoinShapeNGrams FALSE TRUE 127.3 3914.37 0.8475 0.7878 0.8166 817 147 220 0.855 1.023 1.041 1.139 1.092 1.139 0.896 0.688 3977 22-wordShape-chris1 wordShape chris2useLC chris1 159.6 4013.12 0.8568 0.7907 0.8225 820 1.37 21.7 1.072 1.048 1.053 1.144 1.100 1.144 0.835 0.678 3977 21-wordShape-chris1 wordShape chris2useLC dan1 161.1 4389.62 0.8589 0.7927 0.8278 822 1.35 2.15 1.092 1.048 1.053 1.144 1.100 1.144 0.835 0.678 3977 41-lowercaseNGrams-true lowercaseNGrams FALSE TRUE 142.5 3929.84 0.8662 0.7927 0.8278 822 127 2.15 0.957 1.027 1.064 1.147 1.107 1.166 0.774 0.672 3977 31-wordShape-chris3 wordShape chris2useLC chris3 118.5 4230.85 0.8509 0.7927 0.8208 822 144 2.15 0.796 1.105 1.064 1.147 1.098 1.146 0.878 0.672 3977 34-wordFunction-Lowercase And AmericanizeFunction Ano		·																					
22-wordShape-chris1 wordShape chris2useLC chris1 159.6 4013.12 0.8568 0.7907 0.8225 820 137 217 1.072 1.048 1.053 1.144 1.100 1.144 0.835 0.678 3977 21-wordShape-dan1 wordShape chris2useLC dan1 161.1 4389.62 0.8589 0.7927 0.8245 822 135 215 1.082 1.147 1.055 1.147 1.003 1.146 0.823 0.672 3977 41-lowercaseNGrams-true lowercaseNGrams FALSE TRUE 142.5 392.84 0.8662 0.7927 0.8278 822 127 215 0.957 1.027 1.064 1.147 1.095 1.146 0.823 0.672 3977 31-wordShape-chris3 wordShape chris2useLC chris3 118.5 4230.85 0.8509 0.7927 0.8278 822 127 215 0.956 1.105 1.046 1.147 1.098 1.146 0.874 0.672 3977 5-noMidNGrams noMidNGrams TRUE FALSE 136.2 3658.69 0.8549 0.7956 0.8242 825 140 212 0.915 0.956 1.051 1.151 1.102 1.151 0.854 0.663 3977 34-wordFunction-Lowercase And AmericanizeFunction null LowercaseAnd AmericanizeFunction AmericanizeFunction 29-wordShape-chris2 wordShape chris2useLC chris2 130 4332.24 0.858 0.7985 0.8272 828 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977 76-useBagOfWords-true useBagOfWords FALSE TRUE 6362.6 497.56 0.6951 0.8264 0.7551 857 376 180 42.731 0.130 0.854 1.195 1.010 1.195 2.293 0.563 3977																							
41-lowercaseNGrams-true lowercaseNGrams FALSE TRUE 142.5 392.84 0.8662 0.7927 0.8278 822 127 215 0.957 1.027 1.064 1.147 1.107 1.146 0.774 0.672 3977 31-wordShape-chris3 wordShape chris2useLC chris3 118.5 4230.85 0.8509 0.7927 0.8208 822 144 215 0.796 1.105 1.065 1.065 1.147 1.098 1.146 0.878 0.672 3977 5-noMidNGrams noMidNGrams TRUE FALSE 136.2 3658.69 0.8549 0.7956 0.8549 0.7956 0.8242 825 140 212 0.915 0.956 1.051 1.151 1.152 1.151 0.854 0.669 3977 34-wordFunction-Lowercase AndAmericanizeFunction wordShape-chris2 wordShape chris2useLC chris2 130 4332.24 0.858 0.7985 0.8272 828 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.878 0.653 3977 76-useBagOfWords-true useBagOfWords-true useBagOfWords FALSE TRUE 6362.6 497.56 0.6951 0.8264 0.7551 876 180 42.731 0.130 0.854 1.195 1.010 1.195 2.293 0.563 3977	22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	1.072	1.048	1.053	1.144	1.100	1.144	0.835	0.678	3977		
31-wordShape-chris3 wordShape chris2useLC chris3 118.5 4230.85 0.8509 0.7927 0.8208 822 144 215 0.796 1.105 1.046 1.147 1.098 1.146 0.878 0.672 3977 5-noMidNGrams noMidNGrams TRUE FALSE 136.2 3658.69 0.8549 0.7956 0.8242 825 140 212 0.915 0.956 1.051 1.151 1.102 1.151 0.854 0.663 3977 34-wordFunction-Lowercase And AmericanizeFunction wordShape-chris2 wordShape-chris2 wordShape chris2useLC chris2 130 4332.24 0.858 0.7985 0.8272 828 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977 76-useBagOfWords-true useBagOfWords FALSE TRUE 6362.6 497.56 0.691 0.8264 0.691 0.8264 0.7551 857 376 180 42.731 0.130 0.854 1.195 1.010 1.195 2.293 0.563 3977																							
5-noMidNGrams noMidNGrams TRUE FALSE 136.2 3658.69 0.8549 0.7956 0.8242 825 140 212 0.915 0.956 1.051 1.151 1.102 1.151 0.854 0.663 3977 34-wordFunction-Lowercase AndAmericanizeFunction null LowercaseAnd AmericanizeFunction AmericanizeFunction 29-wordShape-chris2 wordShape-chris2 wordShape-chris2 wordShape Chris2useLC chris2 130 4332.24 0.858 0.7985 0.8272 828 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977 76-useBagOfWords-true useBagOfWords FALSE TRUE 6362.6 497.56 0.6951 0.8264 0.7551 857 376 180 42.731 0.130 0.854 1.195 1.010 1.195 2.293 0.563 3977																							
AndAmericanizeFunction AmericanizeFunction Americ	5-noMidNGrams	•		FALSE																			
29-wordShape-chris2 wordShape chris2useLC chris2 130 4332.24 0.858 0.7985 0.8272 828 137 209 0.873 1.132 1.054 1.155 1.106 1.155 0.835 0.653 3977 76-useBagOfWords-true useBagOfWords FALSE TRUE 6362.6 497.56 0.6951 0.8264 0.7551 857 376 180 42.731 0.130 0.854 1.195 1.010 1.195 2.293 0.563 3977		wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	3980.98	0.8515	0.7965	0.8231	826	144	211	0.929	1.040	1.046	1.152	1.101	1.152	0.878	0.659	3977		
76-useBagOfWords-true useBagOfWords FALSE TRUE 6362.6 497.56 0.6951 0.8264 0.7551 857 376 180 42.731 0.130 0.854 1.195 1.010 1.195 2.293 0.563 3977		wordShape	chris2useLC		130	4332.24	0.858	0.7985	0.8272	828	137	209	0.873	1.132	1.054	1.155	1.106	1.155	0.835	0.653	3977		
95-บุมเกลเ-บากฐบาลมบา ๒๐๒.3 2013.67 0.8051 0.8284 0.8463 859 134 178 4.488 0.526 1.063 1.198 1.132 1.198 0.817 0.556 3977		useBagOfWords		TRUE		497.56	0.6951							0.130				1.195	2.293				
	อง-บุนแกลเ-comigufation	-	-	-	8.800	2013.07	U.6051	U.6284	0.0403	059	134	1/8	4.488	0.526	1.003	1.198	1.132	1.198	0.817	0.555	2911		