

ordered-by-test-number

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size	
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M	
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7763	0.8148	805	134	232	9.4996015936255	0.191758787090592	1.001986909777092	0.9988419969111992	1.00024551927326	0.998759305210918	0.985294117647059	1.004329004329	3977			
2-useClassFeature-false	useClassFeature	TRUE	FALSE	125	3455.26	0.8617	0.7869	0.8226	816	131	221	0.99601593625498	0.909645199251278	1.00712949976625	1.01248069994853	1.00982077093052	1.01240694789082	0.963235294117647	0.956709956709957	3977			
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	1.09880478087649	1.02647118445509	1.0067788686302	0.99511065362841	1.00049103854653	0.995037220843672	0.948529411764706	1.01731601731602	3977			
4-useNGrams-false	useNGrams	TRUE	FALSE	148.9	3827.72	0.8138	0.6914	0.7477	717	164	320	1.18645418326693	1.00770046887299	0.95114539504413	0.889603705609882	0.917873803093543	0.917873803093543	0.889578163771712	1.20588235294118	1.38528138528139	3977		
5-noMidNGrams	noMidNGrams	TRUE	FALSE	136.2	3658.69	0.8549	0.7956	0.8242	825	140	212	1.08525986414343	0.9632009733023349	0.999181860682562	1.02367472979928	1.011178495211662	1.02357320099256	1.02941176470588	0.917748917748918	3977			
6-maxNGramLeng-8	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	1.12509960159363	1.12218603806269	1.00444132772324	1.00874935666495	1.0066290203781	1.00868486352357	0.977941176470588	0.96969696969697	3977			
7-maxNGramLeng-7	maxNGramLeng	6	7	128.6	4058.16	0.8603	0.784	0.8204	813	132	224	1.02470119521912	1.06836700039753	1.00549322113137	1.00874935666495	1.00712005892463	1.00868486352357	0.977941176470588	0.96969696969697	3977			
8-maxNGramLeng-5	maxNGramLeng	6	5	116.1	4498.87	0.8541	0.7676	0.8085	796	136	241	0.925099601593625	1.1843900307229	0.998246844319776	0.987647967061246	0.99251166216548	0.987593052109181	1	1.04329004329004	3977			
9-maxNGramLeng-4	maxNGramLeng	6	4	143	4074.8	0.843	0.756	0.7972	784	146	253	1.1394422310757	1.07274771157861	0.985273492286115	0.972722593926917	0.978639823226123	0.972704714640198	1.07352941176471	1.0952380952381	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	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7213	0.7695	748	159	289	1.05657370517928	1.10559778015885	0.963884992987377	0.928075141533711	0.944635403879205	0.928039702233251	1.16911764705882	1.25108225108225	3977			
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	1.0996015936255	1.0997901786772	0.95114539504413	0.889603705609882	0.917873803093543	0.889578163771712	1.20588235294118	1.38528138528139	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	useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.920318725099602	1.06079026555429	1.00642823749416	1.00746268656716	1.00687453965136	1.00744416873449	0.963235294117647	0.974025974025974	3977			
15-useDisjunctive-false	useDisjunctive	TRUE	FALSE	137.23	4217.39	0.867	0.7859	0.8245	815	125	222	1.09346613545817	1.11028651009485	1.0133298316971	1.01119402985075	1.01215320402652	1.01116625310174	0.919117647058823	0.961038961038961	3977			
16-useSequences-false	useSequences	TRUE	FALSE	64.8	3225.47	0.8402	0.7811	0.8096	810	154	227	0.516334661354582	0.849149789257254	0.98200935016363	1.00501801338137	0.993862018168426	1.00496277915633	1.13235294117647	0.982683982683983	3977			
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7811	0.8096	810	154	227	0.519521912350598	1.08161180685908	0.98200935016363	1.00501801338137	0.993862018168426	1.00496277915633	1.13235294117647	0.982683982683983	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	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	1.01035856573705	1.09062596255861	1.00054838522674	1.01119402985075	1.00601522219494	1.01116625310174	1.00735294117647	0.961038961038961	3977			
20-useTypeSequences-false	useTypeSequences	TRUE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	0.997609561752988	1.13189257780106	0.998129967274427	1.00128667009779	0.999631721090105	1.01470588235294	0.995670995670996	0.930735930735931	3977			
21-wordShape-dan1	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	1.28366533864542	1.1556284504024	1.00385694249649	1.0199433865157	1.01215320402652	1.01985111662531	0.992647058823529	0.930735930735931	3977			
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	1.27171314710336	1.05650959465258	1.00140252454418	1.01737004632012	1.00969801129389	1.01736972704751	1.00735294117647	0.939393939393939	3977			
23-wordShape-dan2	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	1.14103585657371	1.07938196186457	0.993688639551192	1.01363870303654	1.00392830837221	1.0136476426799	1.05882352941176	0.952380952380952	3977			
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	0.951304242310757	1.13557563965444	0.993104254324451	0.988934637159032	0.990793027252639	1.03676470588235	1.03896103896104	3977				
25-wordShape-dan2bio	wordShape	chris2useLC	dan2bio	138.8	4271.75	0.8502	0.7878	0.8178	817	144	220	1.10597609561753	1.12459753532343	0.993688639551192	1.01363870303654	1.00392830837221	1.0136476426799	1.05882352941176	0.952380952380952	3977			
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686	0.8071	797	141	240	0.950597609561753	1.15690791292833	0.993104254324451	0.988934637159032	0.990793027252639	1.03676470588235	1.03896103896104	3977				
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	1.09800796612749	1.1924827627966	0.993688639551192	1.01363870303654	1.00392830837221	1.0136476426799	1.05882352941176	0.952380952380952	3977			
28-wordShape-jenny1useLC	wordShape	chris2useLC	jenny1useLC	118.5	4095.78	0.8497	0.7686	0.8071	797	141	240	0.944223107569721	1.07827890885072	0.993104254324451	0.988934637159032	0.990793027252639	1.03676470588235	1.03896103896104	3977				
29-wordShape-chris2	wordShape	chris2useLC	chris2	130.4	4332.24	0.858	0.7985	0.8272	828	137	209	1.013585657370518	1.14052236821668	1.00280504908836	1.02740607308286	1.01546771421557	1.00735294117647	0.904761904761905	3977				
30-wordShape-chris2useLC	wordShape	chris2useLC	chris2useLC	116.4	4204.02	0.8556	0.7772	0.8146	806	136	231	0.927490039840638	1.10676667184419	1	1	1	1	1	3977				
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4240.85	0.8509	0.7927	0.8208	822	144	215	0.944223107569721	1.1138300420959	0.99456077886863	1.0199433865157	1.00761109747115	1.01985111662531	1.05882352941176	0.930735930735931	3977			
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743	0.8099	803	143	234	0.988846621513944	1.11858995328303	0.992052360916316	0.996268656716418	0.994230297078321	0.996277915632754	1.05147058823529	1.01298701298701	3977			
33-wordShape-chris4	wordShape	chris2useLC	chris4	113	3914.37	0.8559	0.7792	0.8157	808	136	229	0.9003398406374502	1.03051228520957	1.0035063113604	1.00257334019557	1.0013503560295	1.00248138957816	0.991341991341991	3977				
34-wordFunction-Lowercase AndAmericanizeFunction	wordFunction	null	LowercaseAnd AmericanizeFunction	138.3	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	3977				
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	0.943426294820717	1.11501736225375	1	1	1	1	1	3977				
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	1.12191235059761	1.09404312789097	1.00736325385694	0.9988419969111992	1.00270071200589	0.998759305210918	0.948529411764706	1.004329004329	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	0.9988419969111992	0.999754480726737	0.998759305210918	0.992647058823529	1.004329004329	3977			
39-useMoreNeighborNGrams-true	useMoreNeighborNGrams	FALSE	TRUE	141	3933.73	0.8348	0.7454	0.7876	773	153	264	1.12350597609562	1.03560907417987	0.975689574567555	0.959083890960376	0.96685489109502	0.959057071960298	1.125	1.14285714285714	3977			
40-conjoinShapeNGrams-true	conjoinShapeNGrams	FALSE	TRUE	127.3	3914.37	0.8475	0.7878	0.8166	817	147	220	1.01434262948207	1.03051228520957	0.990525939326788	1.01363870303654	1.00245519273263	1.0136476426799	1.08088235294118	0.952380952380952	3977			
41-lowercaseNGrams-true	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662	0.7927	0.8278	822	127	215	1.135458416733068	1.03458497763573										

ordered-by-f1-ratio

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	5.325	0.530	1.011	1.066	1.039	1.066	0.985	0.771	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		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	1.036	1.141	1.003	1.027	1.015	1.027	1.007	0.905	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	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	1.284	1.156	1.004	1.020	1.012	1.020	0.993	0.931	3977		
5-noMidNGrams	noMidNGrams	TRUE	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		
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		
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		
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	1.272	1.057	1.001	1.017	1.010	1.017	1.007	0.939	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		
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	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		
14-useNext-false	useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.920	1.061	1.006	1.007	1.007	1.007	0.963	0.974	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	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	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		
6-maxNGramLeng-8	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	1.125	1.122	1.004	1.009	1.007	1.009	0.978	0.970	3977		
69-useLC-true	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	1.090	1.043	1.000	1.012	1.006	1.012	1.015	0.957	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	TRUE	FALSE	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	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	1.134	1.116	1.007	1.005	1.006	1.005	0.956	0.983	3977		
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	0.942	1.108	1.014	0.999	1.006	0.999	0.904	1.004	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	useEntityTypes	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.976	1.107	1.008	1.001	1.004	1.001	0.949	0.996	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	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	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	0.965	1.034	1.005	1.003	1.003	1.002	0.971	0.991	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	1.002	1.005	1.003	1.005	0.993	0.983	3977		10.6M
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	812	138	225	0.987	1.058	0.999	1.007	1.003	1.007	1.015	0.974	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		
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		
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	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		
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	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	Qnsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	1.131	1.169	1.000	1.005	1.002	1.005	1.007	0.983	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		
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	wordShape	chris2useLC	chris4	113	3914.37	0.8559	0.7792	0.8157	808	136	229	0.900	1.031	1.000	1.003	1.001	1.002	1.000	0.991	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		
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		
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	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		
59-disjunctionWidth-3	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	0.8147	800	127	237	0.923	1.110	1.009	0.993	1.000	0.993	0.934	1.026	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	initWithNERPosterior	FALSE	TRUE	17.6	4276.34	0.8556	0.7772	0.8146	806	136	231	0.937	1.126	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	0.7772	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	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	0.7772	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	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556	0.7772	0.8146	806	136	231	0.931	1.066	1.000	1.000	1.000	1.000	1.000	1.000	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		
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	0.8146	806	136	231	0.925	1.122	1.000	1.000	1.000	1.000	1.000	1.000	3977		
63-useBoundarySequences-true	useBoundarySequences	FALSE																				

ordered-by-precision-ratio

<i>Test folder</i>	<i>Changed Parameter</i>	<i>Recommended Value</i>	<i>Test Value</i>	<i>Train time (sec)</i>	<i>Classifier test Speed (words/sec)</i>	<i>Precision</i>	<i>Recall</i>	<i>F1</i>	<i>True Positives</i>	<i>False Positives</i>	<i>False Negatives</i>	<i>Relative Train time (sec)</i>	<i>Relative Classifier test Speed (words/sec)</i>	<i>Relative Precision</i>	<i>Relative Recall</i>	<i>Relative F1</i>	<i>Relative True Positives</i>	<i>Relative False Positives</i>	<i>Relative False Negatives</i>	<i>Classifier test N° of tagged Words</i>	<i>JVM Memory Usage</i>	<i>Model Size</i>
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
61-disjunctionWidth-1	disjunctionWidth	TRUE	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	0.942	1.108	1.014	0.999	1.006	0.999	0.904	1.004	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		
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		
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		
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	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	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		
59-disjunctionWidth-3	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	0.8147	800	127	237	0.923	1.110	1.009	0.993	1.000	0.993	0.934	1.026	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		
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	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		
46-useEntityType-true	useEntityType	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.976	1.107	1.008	1.001	1.004	1.001	0.949	0.996	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	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		
49-useEntityTypeSequences-true	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	1.134	1.116	1.007	1.005	1.006	1.005	0.956	0.983	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	useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.920	1.061	1.006	1.007	1.007	1.007	0.963	0.974	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		
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	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		
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		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	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	maxNGramLeng	6	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	1.125	1.122	1.004	1.009	1.007	1.009	0.978	0.970	3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	1.284	1.156	1.004	1.020	1.012	1.020	0.993	0.931	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	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	
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		
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
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	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	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		
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	1.002	1.005	1.003	1.005	0.993	0.983	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	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	1.272	1.057	1.001	1.017	1.010	1.017	1.007	0.939	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		
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	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763	0.8144	805	135	232	1.669	1.008	1.001	0.999	1.000	0.999	0.993	1.004	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		
33-wordShape-chris4	wordShape	chris2useLC	chris4	113	3914.37	0.8559	0.7792	0.8157	808	136	229	0.900	1.031	1.000	1.003	1.001	1.002	1.000	0.991	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		
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	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772	0.8146	806	136	231	0.937	1.126	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	0.7772	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	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	0.7772	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	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556	0.7772	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	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	0.8146	806	136	231	0.925	1.122	1.000	1.000	1.000	1.000	1.000	1.000	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	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772	0.8146	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	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	useViterbi	TRUE	FALSE	116.3	4322.83	0.8556	0.7772	0.8146	806	136	231	0.927	1.138	1.000	1.000	1.000	1.000	1.000	1.000	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	backpropLopTraining	TRUE	FALSE	122	3969.06	0.8556	0.7772	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	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	806	136	231	0.966	1.170	1.000	1.000	1.000	1.000	1.000	1.000	3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556	0.7772	0.8146	806	136	231	0.927	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	0.7772	0.8146	806													

ordered-by-recall-ratio

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	5.325	0.530	1.011	1.066	1.039	1.066	0.985	0.771	3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	50.698	0.131	0.812	1.063	0.927	1.063	2.765	0.779	3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	1.036	1.141	1.003	1.027	1.015	1.027	1.007	0.905	3977		
34-wordFunction-LowercaseAndAmericanizeFunction	wordFunction	null	LowercaseAndAmericanizeFunction	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		
5-noMidNGrams	noMidNGrams	TRUE	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	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	1.284	1.156	1.004	1.020	1.012	1.020	0.993	0.931	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		
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	1.272	1.057	1.001	1.017	1.010	1.017	1.007	0.939	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	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		
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		
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	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	1.090	1.043	1.000	1.012	1.006	1.012	1.015	0.957	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		
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	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	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	
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	8	141.2	4262.59	0.8594	0.784	0.82	813	133	224	1.125	1.122	1.004	1.009	1.007	1.009	0.978	0.970	3977		
14-useNext-false	useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.920	1.061	1.006	1.007	1.007	1.007	0.963	0.974	3977		
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	812	138	225	0.987	1.058	0.999	1.007	1.003	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	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	1.134	1.116	1.007	1.005	1.006	1.005	0.956	0.983	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		
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	1.002	1.005	1.003	1.005	0.993	0.983	3977		10.6M
47-useEntityTypeRule-true	useEntityTypeRule	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	Qnsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	1.131	1.169	1.000	1.005	1.002	1.005	1.007	0.983	3977		2.1G
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	0.7811	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	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		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	0.965	1.034	1.005	1.003	1.003	1.002	0.971	0.991	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	wordShape	chris2useLC	chris4	113	3914.37	0.8559	0.7792	0.8157	808	136	229	0.900	1.031	1.000	1.003	1.001	1.002	1.000	0.991	3977		
46-useEntityType-true	useEntityType	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.976	1.107	1.008	1.001	1.004	1.001	0.949	0.996	3977		
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		
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-useTypeTypeSequences-false	useTypeTypeSequences	FALSE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	0.998	1.132	0.998	1.001	1.000	1.001	1.015	0.996	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		
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	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	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772	0.8146	806	136	231	0.937	1.126	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	0.7772	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	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	0.7772	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	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556	0.7772	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	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	0.8146	806	136	231	0.925	1.122	1.000	1.000	1.000	1.000	1.000	1.000	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	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772	0.8146	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	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					

ordered-by-train-time

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977	1.8G	10.6M
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7763	0.8148	805	134	232	0.187	1.464	1.233	0.939	1.079	0.939	0.356	1.289	3977		
77-sigma-30	sigma	1	30	758.13	3748.35	0.8145	0.7155	0.7618	742	169	295	0.119	7.533	1.172	0.866	1.009	0.866	0.449	1.639	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	sigma	1	20	630.6	4212.92	0.823	0.7175	0.7666	744	160	293	0.099	8.467	1.184	0.868	1.015	0.868	0.426	1.628	3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	0.065	8.266	1.198	0.889	1.034	0.889	0.407	1.528	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	sigma	1	3	253.8	4208.47	0.8379	0.7724	0.8038	801	155	236	0.040	8.458	1.205	0.935	1.064	0.935	0.412	1.311	3977		
87-Qnsize-2	Qnsize	25	2	232.9	4290.18	0.8627	0.7753	0.8167	804	128	233	0.037	8.622	1.241	0.938	1.082	0.938	0.340	1.294	3977		
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		
90-featureDiffThresh-0.025	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	0.035	6.051	1.235	0.946	1.084	0.946	0.356	1.256	3977		
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		
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		
86-Qnsize-5	Qnsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	0.026	8.467	1.235	0.950	1.086	0.950	0.356	1.239	3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	0.025	8.822	1.236	0.959	1.092	0.959	0.359	1.194	3977		
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	sigma	1	2	158.2	4235.36	0.8494	0.7666	0.8059	795	141	242	0.025	8.512	1.222	0.928	1.067	0.928	0.375	1.344	3977		
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		
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	8.449	1.237	0.945	1.084	0.945	0.351	1.261	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		
9-maxNGramLeng-4	maxNGramLeng	6	4	143	4074.8	0.843	0.756	0.7972	784	146	253	0.022	8.190	1.213	0.915	1.056	0.915	0.388	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	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	0.022	8.521	1.240	0.945	1.085	0.945	0.346	1.261	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		
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	useMoreNeighborNGrams	FALSE	TRUE	141	3933.73	0.8348	0.7454	0.7876	773	153	264	0.022	7.906	1.201	0.902	1.043	0.902	0.407	1.467	3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	0.022	8.352	1.240	0.939	1.082	0.939	0.343	1.289	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-LowercaseAndAmericanizeFunction	wordFunction	null	LowercaseAndAmericanizeFunction	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	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		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	0.022	9.104	1.223	0.953	1.083	0.953	0.383	1.222	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	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	0.022	7.961	1.230	0.952	1.086	0.952	0.367	1.228	3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8162	808	135	229	0.022	8.001	1.233	0.943	1.081	0.943	0.359	1.272	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		
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	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		
68-use2W-true	use2W	FALSE	TRUE	130.8	4160.04	0.8519	0.7763	0.8123	805	140	232	0.021	8.361	1.226	0.939	1.076	0.939	0.372	1.289	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	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		
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		
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																						

ordered-by-classifier-speed

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
44-useObservedSequencesOnly-true	useObservedSequencesOnly	FALSE	TRUE	65.1	5418.26	0.8586	0.785	0.8202	814	134	223	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977	2.1G	
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	2.117	0.836	0.990	1.004	0.997	1.004	1.075	0.987	3977		
8-maxNGramLeng-5	maxNGramLeng	6	5	116.1	4498.87	0.8541	0.7676	0.8085	796	136	241	1.783	0.830	0.995	0.978	0.986	0.978	1.015	1.081	3977		
55-normalize-true	normalize	FALSE	TRUE	116	4493.79	0.8556	0.7772	0.8146	806	136	231	1.782	0.829	0.997	0.990	0.993	0.990	1.015	1.036	3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	806	136	231	1.862	0.820	0.997	0.990	0.993	0.990	1.015	1.036	3977		
85-Qnsize-10	Qnsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	2.181	0.819	0.996	0.995	0.995	0.995	1.022	1.018	3977		
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7	4404.21	0.8534	0.7522	0.7996	780	134	257	2.300	0.813	0.994	0.958	0.975	0.958	1.000	1.152	3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686	0.8071	797	141	240	1.833	0.811	0.990	0.979	0.984	0.979	1.052	1.076	3977		
21-wordShape-dan1	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	2.475	0.810	1.000	1.010	1.005	1.010	1.007	0.964	3977		
10-maxNGramLeng-3	maxNGramLeng	6	3	128.9	4370.33	0.839	0.7435	0.7883	771	148	266	1.980	0.807	0.977	0.947	0.961	0.947	1.104	1.193	3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	1.816	0.802	0.997	0.990	0.993	0.990	1.015	1.036	3977		
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	1.765	0.801	1.005	0.988	0.996	0.988	0.955	1.045	3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	1.997	0.800	0.999	1.017	1.009	1.017	1.022	0.937	3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	1.823	0.799	0.988	0.983	0.985	0.983	1.067	1.063	3977		
75-restrictLabels-false	restrictLabels	TRUE	FALSE	112.43	4327.53	0.8556	0.7772	0.8146	806	136	231	1.727	0.799	0.997	0.990	0.993	0.990	1.015	1.036	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	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	1.834	0.796	0.990	0.979	0.984	0.979	1.052	1.076	3977		
20-useTypeSequences-false	useTypeSequences	TRUE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	1.923	0.794	0.995	0.991	0.993	0.991	1.030	1.031	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		
35-initWithNERPosterior-true	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772	0.8146	806	136	231	1.806	0.789	0.997	0.990	0.993	0.990	1.015	1.036	3977		
25-wordShape-dan2bio	wordShape	chris2useLC	dan2bio	138.8	4271.75	0.8502	0.7878	0.8178	817	144	220	2.132	0.788	0.990	1.004	0.997	1.004	1.075	0.987	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	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	1.849	0.787	1.009	0.990	0.999	0.990	0.925	1.036	3977		
56-normalizeTimex-true	normalizeTimex	FALSE	TRUE	116.1	4262.59	0.8556	0.7772	0.8146	806	136	231	1.783	0.787	0.997	0.990	0.993	0.990	1.015	1.036	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	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	3.570	0.784	0.998	0.995	0.997	0.995	1.007	1.018	3977		
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743	0.8099	803	143	234	1.906	0.784	0.989	0.986	0.987	0.986	1.067	1.049	3977		
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	useEntityTypeSequences	FALSE	TRUE	142.3	4239.87	0.8617	0.7811	0.8194	810	130	227	2.186	0.783	1.004	0.995	0.999	0.995	0.970	1.018	3977		
82-sigma-2	sigma	1	2	158.2	4235.36	0.8494	0.7666	0.8059	795	141	242	2.430	0.782	0.989	0.977	0.983	0.977	1.052	1.085	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	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509	0.7927	0.8208	822	144	215	1.820	0.781	0.991	1.010	1.001	1.010	1.075	0.964	3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772	0.8146	806	136	231	1.796	0.779	0.997	0.990	0.993	0.990	1.015	1.036	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	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	0.8147	800	127	237	1.779	0.778	1.005	0.983	0.993	0.983	0.948	1.063	3977		
78-sigma-20	sigma	1	20	630.6	4212.92	0.823	0.7175	0.7666	744	160	293	9.687	0.778	0.959	0.914	0.935	0.914	1.194	1.314	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		
81-sigma-3	sigma	1	3	253.8	4208.47	0.8379	0.7724	0.8038	801	155	236	3.899	0.777	0.976	0.984	0.980	0.984	1.157	1.058	3977		
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	1.816	0.777	1.010	0.989	0.999	0.989	0.918	1.040	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-useEntityType-true	useEntityType	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	1.882	0.776	1.004	0.991	0.997	0.991	0.963	1.031	3977		
30-wordShape-chris2useLC	wordShape	chris2useLC	chris2useLC	116.4	4204.02	0.8556	0.7772	0.8146	806	136	231	1.788	0.776	0.997	0.990	0.993	0.990	1.015	1.036	3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7213	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	includeFullCRFinLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	1.869	0.775	0.997	0.990	0.993	0.990	1.015	1.036	39		

ordered-by-f1

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	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	0.7927	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	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	0.195	2.151	0.992	0.964	0.977	0.964	1.022	1.174	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		
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	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		
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		
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	Qnsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	0.247	2.092	0.992	0.948	0.969	0.948	1.000	1.253	3977	2.0G	
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		
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	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		
69-useLC-true	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	0.205	1.967	0.989	0.950	0.969	0.950	1.030	1.242	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	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		
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	0.177	2.090	1.003	0.937	0.968	0.937	0.918	1.303	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-useEntityTypeSequences-true	useEntityTypeSequences	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.183	2.088	0.997	0.939	0.967	0.939	0.963	1.292	3977		
23-wordShape-dan2	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	0.214	2.036	0.983	0.951	0.966	0.951	1.075	1.236	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	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		
89-featureDiffThresh-0.05	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	0.348	2.110	0.991	0.943	0.966	0.943	1.007	1.275	3977		10.6M
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	0.181	1.950	0.994	0.941	0.966	0.941	0.985	1.287	3977		
54-useReverse-true	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	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	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		
87-Qnsize-2	Qnsize	25	2	232.9	4290.18	0.8627	0.7753	0.8167	804	128	233	0.348	2.131	0.997	0.936	0.965	0.936	0.955	1.309	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		
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	Qnsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	0.212	2.204	0.989	0.943	0.965	0.943	1.022	1.275	3977	2.1G	
47-useEntityRule-true	useEntityRule	FALSE	TRUE	121.9	4083.16	0.8553	0.7811	0.8165	810	137	227	0.182	2.028	0.989	0.943	0.965	0.943	1.022	1.275	3977		
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	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		
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		
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	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		
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	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	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	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772	0.8146	806	136	231	0.183	1.971	0.989	0.938	0.963	0.938	1.015	1.298	3977		
71-includeFullCRFInLOP-true	includeFullCRFInLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	0.182	2.086	0.989	0.938	0.963	0.938	1.015	1.298	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	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	0.177	2.103	0.989	0.938	0.963	0.938	1.015	1.298	3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	0.177	2.158	0.989	0.938	0.963	0.938	1.015	1.298	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	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	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.8146	806	136	231	0.175	1.997	0.989	0.938	0.963						



ordered-by-precision

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	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	1.8G	
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	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	1.019	1.013	0.999	1.001	1.000	1.001	1.008	0.996	3977		
41-lowercaseNGrams-true	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662	0.7927	0.8278	822	127	215	1.206	0.934	0.999	1.021	1.010	1.021	1.033	0.927	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	134.8	4134.1	0.8643	0.7801	0.8201	809	127	228	1.140	0.982	0.996	1.005	1.001	1.005	1.033	0.983	3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	0.982	1.012	0.995	0.994	0.994	0.994	1.033	1.022	3977		
59-disjunctionWidth-3	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	0.8147	800	127	237	0.980	1.002	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		
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	0.972	1.032	0.994	0.999	0.997	0.999	1.041	1.004	3977		
46-useEntityType-false	useEntityType	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	1.036	0.999	0.994	1.002	0.998	1.002	1.049	0.991	3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	1.191	0.987	0.994	1.000	0.997	1.000	1.049	1.000	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	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	1.167	0.926	0.993	0.996	0.995	0.996	1.049	1.013	3977		
14-useNext-false	useNext	TRUE	FALSE	115.5	4029.38	0.8611	0.783	0.8202	812	131	225	0.977	0.957	0.993	1.009	1.001	1.009	1.065	0.970	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	useNextSequences	FALSE	TRUE	146.9	4204.02	0.8599	0.7811	0.8186	810	132	227	1.243	0.999	0.991	1.006	0.999	1.006	1.073	0.978	3977		
18-useTypeSeqs-false	useTypeSeqs	TRUE	FALSE	118.9	4121.24	0.8597	0.7859	0.8212	815	133	222	1.006	0.979	0.991	1.012	1.002	1.012	1.081	0.957	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	wordShape	chris2useLC	dan1	161.1	4389.62	0.8589	0.7927	0.8245	822	135	215	1.363	1.043	0.990	1.021	1.006	1.021	1.098	0.927	3977		
86-Qnsize-5	Qnsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	1.397	1.001	0.990	1.011	1.001	1.011	1.089	0.961	3977		
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		
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	featureDiffThresh	0	0.025	221.2	3010.6	0.8582	0.7821	0.8184	811	134	226	1.871	0.715	0.989	1.007	0.999	1.007	1.089	0.974	3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	1.100	1.029	0.989	1.029	1.010	1.029	1.114	0.901	3977		
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7763	0.8148	805	134	232	10.086	0.173	0.988	1.000	0.995	1.000	1.089	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		
48-useOrdinal-true	useOrdinal	FALSE	TRUE	119.8	4013.12	0.857	0.7801	0.8168	809	135	228	1.014	0.954	0.988	1.005	0.997	1.005	1.098	0.983	3977		
22-wordShape-chris1	wordShape	chris2useLC	chris1	159.6	4013.12	0.8568	0.7907	0.8225	820	137	217	1.350	0.954	0.988	1.019	1.004	1.019	1.114	0.935	3977		
91-sloppyGazette-true	sloppyGazette	FALSE	TRUE	136.8	3980.98	0.8568	0.7792	0.8162	808	135	229	1.157	0.946	0.988	1.004	0.996	1.004	1.098	0.987	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		
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763	0.8144	805	135	232	1.772	0.910	0.987	1.000	0.994	1.000	1.098	1.000	3977		
19-useTypeSeqs2-false	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	1.073	0.984	0.987	1.012	1.000	1.012	1.114	0.957	3977		
33-wordShape-chris4	wordShape	chris2useLC	chris4	113	3914.37	0.8559	0.7792	0.8157	808	136	229	0.956	0.930	0.987	1.004	0.996	1.004	1.106	0.987	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	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977		
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772	0.8146	806	136	231	1.032	0.943	0.986	1.001	0.994	1.001	1.106	0.996	3977		
71-includeFullCRFinLOP-true	includeFullCRFinLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	1.030	0.998	0.986	1.001	0.994	1.001	1.106	0.996	3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	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	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	1.000	1.033	0.986	1.001	0.994	1.001	1.106	0.996	3977		
45-useTitle-true	useTitle	FALSE	TRUE	118.1	4173.14	0.8556	0.7772	0.81														



ordered-by-recall

<i>Test folder</i>	<i>Changed Parameter</i>	<i>Recommended Value</i>	<i>Test Value</i>	<i>Train time (sec)</i>	<i>Classifier test Speed (words/sec)</i>	<i>Precision</i>	<i>Recall</i>	<i>F1</i>	<i>True Positives</i>	<i>False Positives</i>	<i>False Negatives</i>	<i>Relative Train time (sec)</i>	<i>Relative Classifier test Speed (words/sec)</i>	<i>Relative Precision</i>	<i>Relative Recall</i>	<i>Relative F1</i>	<i>Relative True Positives</i>	<i>Relative False Positives</i>	<i>Relative False Negatives</i>	<i>Classifier test N° of tagged Words</i>	<i>JVM Memory Usage</i>	<i>Model Size</i>
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	9.521	0.247	0.803	0.998	0.892	0.998	2.806	1.011	3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	0.195	2.151	0.992	0.964	0.977	0.964	1.022	1.174	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	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	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662	0.7927	0.8278	822	127	215	0.213	1.952	1.001	0.957	0.978	0.957	0.948	1.208	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		
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	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	0.214	2.036	0.983	0.951	0.966	0.951	1.075	1.236	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	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	conjoinShapeNGrams	TRUE	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		
69-useLC-true	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	0.205	1.967	0.989	0.950	0.969	0.950	1.030	1.242	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	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		
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		
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	Qnsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	0.247	2.092	0.992	0.948	0.969	0.948	1.000	1.253	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		
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	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	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	812	138	225	0.185	1.995	0.988	0.945	0.966	0.945	1.030	1.264	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	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	0.348	2.110	0.991	0.943	0.966	0.943	1.007	1.275	3977		10.6M
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		
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	Qnsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	0.212	2.204	0.989	0.943	0.965	0.943	1.022	1.275	3977		2.1G
47-useEntityTypeRule-true	useEntityTypeRule	FALSE	TRUE	121.9	4083.16	0.8553	0.7811	0.8165	810	137	227	0.182	2.028	0.989	0.943	0.965	0.943	1.022	1.275	3977		
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	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		
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		
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	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		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	0.181	1.950	0.994	0.941	0.966	0.941	0.985	1.287	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-useTypeSequences-false	useTypeSequences	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	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		
46-useEntityType-true	useEntityType	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.183	2.088	0.997	0.939	0.967	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	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782	0.8046	807	162	230	0.097	1.967	0.963	0.939	0.951	0.939	1.209	1.292	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
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772	0.8146	806	136	231	0.183	1.971	0.989	0.938	0.963	0.938	1.015	1.298	3977		
71-includeFullCRFInLOP-true	includeFullCRFInLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	0.182	2.086	0.989	0.938	0.963	0.938	1.015	1.298	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	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	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	0.177	2.103	0.989	0.938	0.963	0.938	1.015	1.298	3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	0.177	2.158	0.989	0.938	0.963	0.938	1.015	1.298	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	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	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.8146	806	136	231	0.175	1.997	0.989	0.938	0.963	0.938	1.015	1.298	3977		
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556	0.7772	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	0.7772	0.8146	806	136	231	0.175	2.097	0.989	0.938	0.963	0.938	1.015	1.298	3977		
65-useSymTags																						

ordered-by-true-positives

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
93-optimal-configuration	-	-	-	668.3	2013.67	0.8651	0.8284	0.8463	859	134	178	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	9.521	0.247	0.803	0.998	0.892	0.998	2.806	1.011	3977		
29-wordShape-chris2	wordShape	chris2useLC	chris2	130	4332.24	0.858	0.7985	0.8272	828	137	209	0.195	2.151	0.992	0.964	0.977	0.964	1.022	1.174	3977		
34-wordFunction-LowercaseAndAmericanizeFunction	wordFunction	null	LowercaseAndAmericanizeFunction	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	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	lowercaseNGrams	FALSE	TRUE	142.5	3929.84	0.8662	0.7927	0.8278	822	127	215	0.213	1.952	1.001	0.957	0.978	0.957	0.948	1.208	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		
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	wordShape	chris2useLC	dan2	143.2	4100	0.8502	0.7878	0.8178	817	144	220	0.214	2.036	0.983	0.951	0.966	0.951	1.075	1.236	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	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	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		
69-useLC-true	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	0.205	1.967	0.989	0.950	0.969	0.950	1.030	1.242	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	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		
19-useTypeSeqs2-false	useTypeSeqs2	FALSE	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		
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	Qnsize	25	5	165.1	4212.92	0.8586	0.785	0.8202	814	134	223	0.247	2.092	0.992	0.948	0.969	0.948	1.000	1.253	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		
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	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	useReverse	FALSE	TRUE	123.9	4017.17	0.8547	0.783	0.8173	812	138	225	0.185	1.995	0.988	0.945	0.966	0.945	1.030	1.264	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	featureDiffThresh	0	0.05	232.4	4248.93	0.8571	0.7811	0.8174	810	135	227	0.348	2.110	0.991	0.943	0.966	0.943	1.007	1.275	3977		10.6M
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		
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	Qnsize	25	10	142	4438.62	0.8553	0.7811	0.8165	810	137	227	0.212	2.204	0.989	0.943	0.965	0.943	1.022	1.275	3977		2.1G
17-useEntityTypeRule-true	useEntityTypeRule	FALSE	TRUE	121.9	4083.16	0.8553	0.7811	0.8165	810	137	227	0.182	2.028	0.989	0.943	0.965	0.943	1.022	1.275	3977		
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	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		
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		
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	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		
42-dehyphenateNGrams-true	dehyphenateNGrams	FALSE	TRUE	121.1	3925.96	0.8596	0.7792	0.8174	808	132	229	0.181	1.950	0.994	0.941	0.966	0.941	0.985	1.287	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	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	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		
46-useEntityType-true	useEntityType	FALSE	TRUE	122.5	4204.02	0.8622	0.7782	0.818	807	129	230	0.183	2.088	0.997	0.939	0.967	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	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782	0.8046	807	162	230	0.097	1.967	0.963	0.939	0.951	0.939	1.209	1.292	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
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772	0.8146	806	136	231	0.183	1.971	0.989	0.938	0.963	0.938	1.015	1.298	3977		
71-includeFullCRFInLOP-true	includeFullCRFInLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	0.182	2.086	0.989	0.938	0.963	0.938	1.015	1.298	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	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	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	0.177	2.103	0.989	0.938	0.963	0.938	1.015	1.298	3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	0.177	2.158	0.989	0.938	0.963	0.938	1.015	1.298	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	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	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.8146	806	136	231	0.175	1.997	0.989	0.938	0.963	0.938	1.015	1.298	3977		
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556	0.7772	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	0.7772	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	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772	0.8146	806	136	231	0.174	2.032	0.989	0.938	0.						

ordered-by-false-positives

<i>Test folder</i>	<i>Changed Parameter</i>	<i>Recommended Value</i>	<i>Test Value</i>	<i>Train time (sec)</i>	<i>Classifier test Speed (words/sec)</i>	<i>Precision</i>	<i>Recall</i>	<i>F1</i>	<i>True Positives</i>	<i>False Positives</i>	<i>False Negatives</i>	<i>Relative Train time (sec)</i>	<i>Relative Classifier test Speed (words/sec)</i>	<i>Relative Precision</i>	<i>Relative Recall</i>	<i>Relative F1</i>	<i>Relative True Positives</i>	<i>Relative False Positives</i>	<i>Relative False Negatives</i>	<i>Classifier test N° of tagged Words</i>	<i>JVM Memory Usage</i>	<i>Model Size</i>
76-useBagOfWords-true	useBagOfWords	FALSE	TRUE	6362.6	497.56	0.6951	0.8264	0.7551	857	376	180	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
77-sigma-30	sigma	1	30	758.13	3748.35	0.8145	0.7155	0.7618	742	169	295	0.119	7.533	1.172	0.866	1.009	0.866	0.449	1.639	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		
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	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782	0.8046	807	162	230	0.010	7.961	1.198	0.942	1.066	0.942	0.431	1.278	3977		
78-sigma-20	sigma	1	20	630.6	4212.92	0.823	0.7175	0.7666	744	160	293	0.099	8.467	1.184	0.868	1.015	0.868	0.426	1.628	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	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	sigma	1	3	253.8	4208.47	0.8379	0.7724	0.8038	801	155	236	0.040	8.458	1.205	0.935	1.064	0.935	0.412	1.311	3977		
17-usePrevSequences-false	usePrevSequences	TRUE	FALSE	65.2	4108.47	0.8402	0.7811	0.8096	810	154	227	0.010	8.257	1.209	0.945	1.072	0.945	0.410	1.261	3977		
16-useSequences-false	useSequences	TRUE	FALSE	64.8	3225.47	0.8402	0.7811	0.8096	810	154	227	0.010	6.483	1.209	0.945	1.072	0.945	0.410	1.261	3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	0.065	8.266	1.198	0.889	1.034	0.889	0.407	1.528	3977		
39-useMoreNeighborNGrams-true	useMoreNeighborNGrams	FALSE	TRUE	141	3933.73	0.8348	0.7454	0.7876	773	153	264	0.022	7.906	1.201	0.902	1.043	0.902	0.407	1.467	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	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		
9-maxNGramLeng-4	maxNGramLeng	6	4	143	4074.8	0.843	0.756	0.7972	784	146	253	0.022	8.190	1.213	0.915	1.056	0.915	0.388	1.406	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	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-LowercaseAndAmericanizeFunction	wordFunction	null	LowercaseAndAmericanizeFunction	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		
27-wordShape-jenny1	wordShape	chris2useLC	jenny1	137.8	4529.61	0.8502	0.7878	0.8178	817	144	220	0.022	9.104	1.223	0.953	1.083	0.953	0.383	1.222	3977		
31-wordShape-chris3	wordShape	chris2useLC	chris3	118.5	4230.85	0.8509	0.7927	0.8208	822	144	215	0.019	8.503	1.224	0.959	1.087	0.959	0.383	1.194	3977		
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743	0.8099	803	143	234	0.020	8.540	1.221	0.937	1.073	0.937	0.380	1.300	3977		
57-disjunctionWidth-6	disjunctionWidth	1	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		
82-sigma-2	sigma	4	2	158.2	4235.36	0.8494	0.7666	0.8059	795	141	242	0.025	8.512	1.222	0.928	1.067	0.928	0.375	1.344	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	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686	0.8071	797	141	240	0.019	8.832	1.222	0.930	1.069	0.930	0.375	1.333	3977		
28-wordShape-jenny1useLC	wordShape	chris2useLC	jenny1useLC	118.5	4095.78	0.8497	0.7686	0.8071	797	141	240	0.019	8.232	1.222	0.930	1.069	0.930	0.375	1.333	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	use2W	FALSE	TRUE	130.8	4160.04	0.8519	0.7763	0.8123	805	140	232	0.021	8.361	1.226	0.939	1.076	0.939	0.372	1.289	3977		
69-useLC-true	useLC	FALSE	TRUE	136.8	3961.16	0.8553	0.7869	0.8197	816	138	221	0.022	7.961	1.230	0.952	1.086	0.952	0.367	1.228	3977		
20-useTypePySequences-false	useTypePySequences	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	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		
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		
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	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		
19-useTypeSeqs2-false	useTypeSeqs2	TRUE	FALSE	126.8	4142.71	0.8561	0.7859	0.8195	815	137	222	0.020	8.326	1.232	0.951	1.085	0.951	0.364	1.233	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	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772	0.8146	806	136	231	0.019	7.977	1.231	0.940	1.079	0.940	0.362	1.283	3977		
71-includeFullCRFInLOP-true	includeFullCRFInLOP	FALSE	TRUE	121.7	4199.58	0.8556	0.7772	0.8146	806	136	231	0.019	8.440	1.231	0.940	1.079	0.940	0.362	1.283	3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	806	136	231	0.019	8.931	1.231	0.940	1.079	0.940	0.362	1.283	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		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	0.019	4.392	1.231	0.942	1.080	0.942	0.362	1.278	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	useTitle	FALSE	TRUE	118.1	4173.14	0.8556	0.7772	0.8146	806	136	231	0.019	8.387	1.231	0.940	1.079	0.940	0.362	1.283	3977		
35-initWithNERPosterior-true	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772	0.8146	806	136	231	0.018	8.595	1.231	0.940	1.079	0.940	0.362	1.283	3977		
84-Qnsize-50	Qnsize	25	50	117.2	4160.04	0.8556	0.7772	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	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.8146	806	136	231	0.018	8.082	1.231	0.940	1.079	0.940	0.362	1.283	3977		
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	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	116.9	4221.87	0.8556	0.7772	0.8146	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	wordShape	chris2useLC	chris2useLC	116.4	4204.02	0.8556	0.7772	0.8146	806	136	231	0.018	8.449	1.231	0.940	1.079	0.940	0.362	1.283	3977		
63-useBoundarySequences-true	useBoundarySequences	FALSE	TRUE	116.4	4244.4	0.8556	0.7772	0.8146	806	136	231	0.018	8.530	1.231	0.940	1.079	0.940	0.362	1.283	3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556	0.7772	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	useViterbi	TRUE	FALSE	116.3	4322.83	0.8556	0.7772	0.8146	806	136	231	0.018	8.688	1.231	0.940	1.079	0.940	0.362	1.283	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	maxNGramLeng	6	5	116.1	4498.87	0.8541	0.7676															

ordered-by-false-negatives

Test folder	Changed Parameter	Recommended Value	Test Value	Train time (sec)	Classifier test Speed (words/sec)	Precision	Recall	F1	True Positives	False Positives	False Negatives	Relative Train time (sec)	Relative Classifier test Speed (words/sec)	Relative Precision	Relative Recall	Relative F1	Relative True Positives	Relative False Positives	Relative False Negatives	Classifier test N° of tagged Words	JVM Memory Usage	Model Size
4-useNGrams-false	useNGrams	TRUE	FALSE	148.9	3827.72	0.8138	0.6914	0.7477	717	164	320	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	3977		
12-maxNGramLeng-1	maxNGramLeng	6	1	138	4177.52	0.8138	0.6914	0.7477	717	164	320	0.927	1.091	1.000	1.000	1.000	1.000	1.000	1.000	3977		
77-sigma-30	sigma	1	30	758.13	3748.35	0.8145	0.7155	0.7618	742	169	295	5.092	0.979	1.001	1.035	1.019	1.035	1.030	0.922	3977		
78-sigma-20	sigma	1	20	630.6	4212.92	0.823	0.7175	0.7666	744	160	293	4.235	1.101	1.011	1.038	1.025	1.038	0.976	0.916	3977		
11-maxNGramLeng-2	maxNGramLeng	6	2	132.6	4199.58	0.8247	0.7213	0.7695	748	159	289	0.891	1.097	1.013	1.043	1.029	1.043	0.970	0.903	3977		
79-sigma-10	sigma	1	10	412.8	4112.72	0.8328	0.7348	0.7807	762	153	275	2.772	1.074	1.023	1.063	1.044	1.063	0.933	0.859	3977		
10-maxNGramLeng-3	maxNGramLeng	6	3	128.9	4370.33	0.839	0.7435	0.7883	771	148	266	0.866	1.142	1.031	1.075	1.054	1.075	0.902	0.831	3977		
39-useMoreNeighborNGrams-true	useMoreNeighborNGrams	FALSE	TRUE	141	3933.73	0.8348	0.7454	0.7876	773	153	264	0.947	1.028	1.026	1.078	1.053	1.078	0.933	0.825	3977		
62-useDisjunctiveShapeInteraction-true	useDisjunctiveShapeInteraction	FALSE	TRUE	149.7	4404.21	0.8534	0.7522	0.7996	780	134	257	1.005	1.151	1.049	1.088	1.069	1.088	0.817	0.803	3977		
9-maxNGramLeng-4	maxNGramLeng	6	4	143	4074.8	0.843	0.756	0.7972	784	146	253	0.960	1.065	1.036	1.093	1.066	1.093	0.890	0.791	3977		
80-sigma-5	sigma	1	5	334.9	3751.89	0.8358	0.7608	0.7966	789	155	248	2.249	0.980	1.027	1.100	1.065	1.100	0.945	0.775	3977		
82-sigma-2	sigma	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		
8-maxNGramLeng-5	maxNGramLeng	6	5	116.1	4498.87	0.8541	0.7676	0.8085	796	136	241	0.780	1.175	1.050	1.110	1.081	1.110	0.829	0.753	3977		
24-wordShape-dan2useLC	wordShape	chris2useLC	dan2useLC	119.4	4313.45	0.8497	0.7686	0.8071	797	141	240	0.802	1.127	1.044	1.112	1.079	1.112	0.860	0.750	3977		
26-wordShape-dan2bioUseLC	wordShape	chris2useLC	dan2bioUseLC	119.3	4394.48	0.8497	0.7686	0.8071	797	141	240	0.801	1.148	1.044	1.112	1.079	1.112	0.860	0.750	3977		
28-wordShape-jenny1useLC	wordShape	chris2useLC	jenny1useLC	118.5	4095.78	0.8497	0.7686	0.8071	797	141	240	0.796	1.070	1.044	1.112	1.079	1.112	0.860	0.750	3977		
57-disjunctionWidth-6	disjunctionWidth	4	6	118.7	4327.53	0.8484	0.7715	0.8081	800	143	237	0.797	1.131	1.043	1.116	1.081	1.116	0.872	0.741	3977		
60-disjunctionWidth-2	disjunctionWidth	4	2	116.1	4258.03	0.863	0.7715	0.8147	800	127	237	0.780	1.112	1.060	1.116	1.090	1.116	0.774	0.741	3977		
59-disjunctionWidth-3	disjunctionWidth	4	3	115.8	4217.39	0.863	0.7715	0.8147	800	127	237	0.778	1.102	1.060	1.116	1.090	1.116	0.774	0.741	3977		
81-sigma-3	sigma	1	3	253.8	4208.47	0.8379	0.7724	0.8038	801	155	236	1.704	1.099	1.030	1.117	1.075	1.117	0.945	0.738	3977		
3-useWord-false	useWord	TRUE	FALSE	137.9	3899.02	0.8614	0.7734	0.815	802	129	235	0.926	1.019	1.058	1.119	1.090	1.119	0.787	0.734	3977		
53-useNextRealWord-true	useNextRealWord	FALSE	TRUE	113.2	4155.69	0.8605	0.7734	0.8146	802	130	235	0.760	1.086	1.057	1.119	1.089	1.119	0.793	0.734	3977		
32-wordShape-chris3useLC	wordShape	chris2useLC	chris3useLC	124.1	4248.93	0.8488	0.7743	0.8099	803	143	234	0.833	1.110	1.043	1.120	1.083	1.120	0.872	0.731	3977		
87-Qnsize-2	Qnsize	25	2	232.9	4290.18	0.8627	0.7753	0.8167	804	128	233	1.564	1.121	1.060	1.121	1.092	1.121	0.780	0.728	3977	1.8G	
92-cleanGazette-true	cleanGazette	FALSE	TRUE	114.9	4341.7	0.8627	0.7753	0.8167	804	128	233	0.772	1.134	1.060	1.121	1.092	1.121	0.780	0.728	3977		
1-maxLeft-2	maxLeft	1	2	1192.2	728.39	0.8573	0.7763	0.8148	805	134	232	8.007	0.190	1.053	1.123	1.090	1.123	0.817	0.725	3977		
38-useNeighborNGrams-true	useNeighborNGrams	FALSE	TRUE	209.4	3827.72	0.8564	0.7763	0.8144	805	135	232	1.406	1.000	1.052	1.123	1.089	1.123	0.823	0.725	3977		
37-useWordPairs-true	useWordPairs	FALSE	TRUE	140.8	4155.69	0.8619	0.7763	0.8168	805	129	232	0.946	1.086	1.059	1.123	1.092	1.123	0.787	0.725	3977		
68-use2W-true	use2W	FALSE	TRUE	130.8	4160.04	0.8519	0.7763	0.8123	805	140	232	0.878	1.087	1.047	1.123	1.086	1.123	0.854	0.725	3977		
61-disjunctionWidth-1	disjunctionWidth	4	1	118.2	4208.47	0.8675	0.7763	0.8193	805	123	232	0.794	1.099	1.066	1.123	1.096	1.123	0.750	0.725	3977		
88-featureDiffThresh-0.1	featureDiffThresh	0	0.1	205.3	4181.91	0.8565	0.7772	0.815	806	135	231	1.379	1.093	1.052	1.124	1.090	1.124	0.823	0.722	3977		7.6M
0-recommended-properties	-	-	-	125.5	3798.47	0.8556	0.7772	0.8146	806	136	231	-	-	-	-	-	-	-	-	3977	2.7G	16.5M
72-backpropLopTraining-true	backpropLopTraining	FALSE	TRUE	122	3969.06	0.8556	0.7772	0.8146	806	136	231	0.819	1.037	1.051	1.124	1.089	1.124	0.829	0.722	3977		
71-includeFullCRFinLOP-true	includeFullCRFinLOP	FALSE	TRUE	121.7	3919.58	0.8556	0.7772	0.8146	806	136	231	0.817	1.097	1.051	1.124	1.089	1.124	0.829	0.722	3977		
73-useOutputLayer-false	useOutputLayer	TRUE	FALSE	121.2	4443.58	0.8556	0.7772	0.8146	806	136	231	0.814	1.161	1.051	1.124	1.089	1.124	0.829	0.722	3977		
64-useTags-true	useTags	FALSE	TRUE	120.4	4262.59	0.8667	0.7772	0.8195	806	124	231	0.809	1.114	1.065	1.124	1.096	1.124	0.756	0.722	3977		
36-applyNERPenalty-false	applyNERPenalty	TRUE	FALSE	118.4	4235.36	0.8556	0.7772	0.8146	806	136	231	0.795	1.106	1.051	1.124	1.089	1.124	0.829	0.722	3977		
43-useKnownLCWords-false	useKnownLCWords	TRUE	FALSE	118.2	4346.45	0.8556	0.7772	0.8146	806	136	231	0.794	1.136	1.051	1.124	1.089	1.124	0.829	0.722	3977		
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		
35-initWithNERPosterior-true	initWithNERPosterior	FALSE	TRUE	117.6	4276.34	0.8556	0.7772	0.8146	806	136	231	0.790	1.117	1.051	1.124	1.089	1.124	0.829	0.722	3977		
84-Qnsize-50	Qnsize	25	50	117.2	4160.04	0.8556	0.7772	0.8146	806	136	231	0.787	1.087	1.051	1.124	1.089	1.124	0.829	0.722	3977	2.8G	
66-useTaggySequences-true	useTaggySequences	FALSE	TRUE	117.1	4021.23	0.8556	0.7772	0.8146	806	136	231	0.786	1.051	1.051	1.124	1.089	1.124	0.829	0.722	3977		
50-useLongSequences-true	useLongSequences	FALSE	TRUE	116.9	4049.9	0.8556	0.7772	0.8146	806	136	231	0.785	1.058	1.051	1.124	1.089	1.124	0.829	0.722	3977		
67-useOccurrencePatterns-true	useOccurrencePatterns	FALSE	TRUE	116.9	4221.87	0.8556	0.7772	0.8146	806	136	231	0.785	1.103	1.051	1.124	1.089	1.124	0.829	0.722	3977		
65-useSymTags-true	useSymTags	FALSE	TRUE	116.6	4091.56	0.8556	0.7772	0.8146	806	136	231	0.783	1.069	1.051	1.124	1.089	1.124	0.829	0.722	3977		
30-wordShape-chris2useLC	wordShape	chris2useLC	chris2useLC	116.4	4204.02	0.8556	0.7772	0.8146	806	136	231	0.782	1.098	1.051	1.124	1.089	1.124	0.829	0.722	3977		
63-useBoundarySequences-true	useBoundarySequences	FALSE	TRUE	116.4	4244.4	0.8556	0.7772	0.8146	806	136	231	0.782	1.109	1.051	1.124	1.089	1.124	0.829	0.722	3977		
74-useHiddenLayer-false	useHiddenLayer	TRUE	FALSE	116.4	4134.1	0.8556	0.7772	0.8146	806	136	231	0.782	1.080	1.051	1.124	1.089	1.124	0.829	0.722	3977		
70-useViterbi-false	useViterbi	TRUE	FALSE	116.3	4322.83	0.8556	0.7772	0.8146	806	136	231	0.781	1.129	1.051	1.124	1.089	1.124	0.829	0.722	3977		
56-normalizeTimex-true	normalizeTimex	FALSE	TRUE	116.1	4262.59	0.8556	0.7772	0.8146	806	136	231	0.780	1.114	1.051	1.124	1.089	1.124	0.829	0.722	3977		
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		
75-restrictLabels-false	restrictLabels	TRUE	FALSE	112.43	4327.53	0.8556	0.7772	0.8146	806	136	231	0.755	1.131	1.051	1.124	1.089	1.124	0.829	0.722	3977		
20-useTypepySequences-false	useTypepySequences	TRUE	FALSE	125.2	4299.46	0.854	0.7782	0.8143	807	138	230	0.841	1.123	1.049	1.126	1.089	1.126	0.841	0.719	3977		
52-useLastRealWord-true	useLastRealWord	FALSE	TRUE	123.3	4177.52	0.8585	0.7782	0.8164	807	133	230	0.828	1.091	1.055	1.126	1.092	1.126	0.811	0.719	3977		
46-useEntityType-true	useEntityType	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		
83-inferenceType-Beam	inferenceType	Viterbi	Beam	118.2	2185.16	0.8558	0.7782	0.8152	807	136	230	0.794	0.571	1.052	1.126	1.090	1.126	0.829	0.719	3977		
13-usePrev-false	usePrev	TRUE	FALSE	65.1	3961.16	0.8328	0.7782	0.8046	807	162	230	0.437	1.035	1.023	1.126	1.076	1.126	0.988	0.719	3977		