

Results of EX2 Local Model(1)

BNC Sum: Written General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	6.0	0.882142	0.938333	fruit
nb	1.0	1.0	1.0	9.0	0.882142	0.938333	fruit
accuracy	1.0	1.0	1.0	1.0	0.882142	0.938333	fruit
macro avg	1.0	1.0	1.0	15.0	0.882142	0.938333	fruit
weighted avg	1.0	1.0	1.0	15.0	0.882142	0.938333	fruit

CABNC per 100K: Spoken General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	6.0	0.896353	0.943333	fruit
nb	1.0	1.0	1.0	9.0	0.896353	0.943333	fruit
accuracy	1.0	1.0	1.0	1.0	0.896353	0.943333	fruit
macro avg	1.0	1.0	1.0	15.0	0.896353	0.943333	fruit
weighted avg	1.0	1.0	1.0	15.0	0.896353	0.943333	fruit

KBNC Sum: Written Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	6.0	0.896353	0.943333	fruit
nb	1.0	1.0	1.0	9.0	0.896353	0.943333	fruit
accuracy	1.0	1.0	1.0	1.0	0.896353	0.943333	fruit
macro avg	1.0	1.0	1.0	15.0	0.896353	0.943333	fruit
weighted avg	1.0	1.0	1.0	15.0	0.896353	0.943333	fruit

CHIDES relative Sum: Spoken Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	6.0	0.896353	0.943333	fruit
nb	1.0	1.0	1.0	9.0	0.896353	0.943333	fruit
accuracy	1.0	1.0	1.0	1.0	0.896353	0.943333	fruit
macro avg	1.0	1.0	1.0	15.0	0.896353	0.943333	fruit
weighted avg	1.0	1.0	1.0	15.0	0.896353	0.943333	fruit

	feature	importance
4	depthfromtopsynset_normalised_x	0.436668
3	nrpartrels_normalised_x	0.185244
5	glosslength_normalised_x	0.102716
6	minwordlength_x	0.078393
0	ngrams_last_mean	0.064679
9	BNC_sum	0.049432
8	polyscore_max_x	0.043994
2	nrhypos_x	0.025299
7	nroflemmas_x	0.010701
1	nrdirhypers_x	0.002874

	feature	importance
4	depthfromtopsynset_normalised_x	0.427729
3	nrpartrels_normalised_x	0.180213
5	glosslength_normalised_x	0.102771
6	minwordlength_x	0.079979
0	ngrams_last_mean	0.072301
8	polyscore_max_x	0.060858
9	CABNC_per100,000	0.034995
2	nrhypos_x	0.025763
7	nroflemmas_x	0.012541
1	nrdirhypers_x	0.002848

	feature	importance
4	depthfromtopsynset_normalised_x	0.442871
3	nrpartrels_normalised_x	0.182226
5	glosslength_normalised_x	0.111551
0	ngrams_last_mean	0.074895
6	minwordlength_x	0.074619
8	polyscore_max_x	0.056142
2	nrhypos_x	0.027275
9	KBNC_Sum	0.014253
7	nroflemmas_x	0.012762
1	nrdirhypers_x	0.003408

	feature	importance
4	depthfromtopsynset_normalised_x	0.440666
3	nrpartrels_normalised_x	0.178546
5	glosslength_normalised_x	0.103472
6	minwordlength_x	0.072802
0	ngrams_last_mean	0.065721
9	CHIDES_Sum_Rel	0.049904
8	polyscore_max_x	0.049832
2	nrhypos_x	0.025508
7	nroflemmas_x	0.011539
1	nrdirhypers_x	0.00281

Results of EX2 Local Model(2)

BNC Sum: Written General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.000000	0.666667	0.800000	3.000000	0.808491	0.906364	tool
nb	0.909091	1.000000	0.952381	10.000000	0.808491	0.906364	tool
accuracy	0.923077	0.923077	0.923077	0.923077	0.808491	0.906364	tool
macro avg	0.954545	0.833333	0.876190	13.000000	0.808491	0.906364	tool
weighted avg	0.930070	0.923077	0.917216	13.000000	0.808491	0.906364	tool

CABNC per 100K: Spoken General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.000000	0.666667	0.800000	3.000000	0.832629	0.92303	tool
nb	0.909091	1.000000	0.952381	10.000000	0.832629	0.92303	tool
accuracy	0.923077	0.923077	0.923077	0.923077	0.832629	0.92303	tool
macro avg	0.954545	0.833333	0.876190	13.000000	0.832629	0.92303	tool
weighted avg	0.930070	0.923077	0.917216	13.000000	0.832629	0.92303	tool

KBNC Sum: Written Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	3.0	0.83302	0.92303	tool
nb	1.0	1.0	1.0	10.0	0.83302	0.92303	tool
accuracy	1.0	1.0	1.0	1.0	0.83302	0.92303	tool
macro avg	1.0	1.0	1.0	13.0	0.83302	0.92303	tool
weighted avg	1.0	1.0	1.0	13.0	0.83302	0.92303	tool

CHIDES relative Sum: Spoken Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.000000	0.666667	0.800000	3.000000	0.808491	0.906364	tool
nb	0.909091	1.000000	0.952381	10.000000	0.808491	0.906364	tool
accuracy	0.923077	0.923077	0.923077	0.923077	0.808491	0.906364	tool
macro avg	0.954545	0.833333	0.876190	13.000000	0.808491	0.906364	tool
weighted avg	0.930070	0.923077	0.917216	13.000000	0.808491	0.906364	tool

	feature	importance
4	depthfromtopsynset_normalised_x	0.405139
0	ngrams_last_mean	0.221813
9	BNC_sum	0.116861
5	glosslength_normalised_x	0.098837
6	minwordlength_x	0.06606
8	polyscore_max_x	0.025935
3	nrpartrels_normalised_x	0.022879
2	nrhypos_x	0.022692
7	nrofllemas_x	0.014726
1	nrdirhypers_x	0.005059
	feature	importance
4	depthfromtopsynset_normalised_x	0.418316
0	ngrams_last_mean	0.236509
5	glosslength_normalised_x	0.095021
9	CABNC_per100,000	0.083671
6	minwordlength_x	0.072877
8	polyscore_max_x	0.033685
2	nrhypos_x	0.029102
7	nrofllemas_x	0.012069
3	nrpartrels_normalised_x	0.011874
1	nrdirhypers_x	0.006875
	feature	importance
4	depthfromtopsynset_normalised_x	0.415501
0	ngrams_last_mean	0.235163
5	glosslength_normalised_x	0.098981
9	KBNC_Sum	0.082049
6	minwordlength_x	0.073858
8	polyscore_max_x	0.03735
2	nrhypos_x	0.023
3	nrpartrels_normalised_x	0.013976
7	nrofllemas_x	0.013362
1	nrdirhypers_x	0.00676
	feature	importance
4	depthfromtopsynset_normalised_x	0.409108
0	ngrams_last_mean	0.219338
9	CHILDES_Sum_Rel	0.129838
5	glosslength_normalised_x	0.085975
6	minwordlength_x	0.062339
8	polyscore_max_x	0.034894
2	nrhypos_x	0.0301
7	nrofllemas_x	0.011587
3	nrpartrels_normalised_x	0.010002
1	nrdirhypers_x	0.006818

Results of EX2 Local Model(3)

BNC Sum: Written General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	4.0	0.63436	0.822857	music
nb	1.0	1.0	1.0	8.0	0.63436	0.822857	music
accuracy	1.0	1.0	1.0	1.0	0.63436	0.822857	music
macro avg	1.0	1.0	1.0	12.0	0.63436	0.822857	music
weighted avg	1.0	1.0	1.0	12.0	0.63436	0.822857	music

CABNC per 100K: Spoken General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	4.0	0.679949	0.841607	music
nb	1.0	1.0	1.0	8.0	0.679949	0.841607	music
accuracy	1.0	1.0	1.0	1.0	0.679949	0.841607	music
macro avg	1.0	1.0	1.0	12.0	0.679949	0.841607	music
weighted avg	1.0	1.0	1.0	12.0	0.679949	0.841607	music

KBNC Sum: Written Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.800000	1.000000	0.888889	4.000000	0.619516	0.816607	music
nb	1.000000	0.875000	0.933333	8.000000	0.619516	0.816607	music
accuracy	0.916667	0.916667	0.916667	0.916667	0.619516	0.816607	music
macro avg	0.900000	0.937500	0.911111	12.000000	0.619516	0.816607	music
weighted avg	0.933333	0.916667	0.918519	12.000000	0.619516	0.816607	music

CHIDES relative Sum: Spoken Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	1.0	1.0	1.0	4.0	0.674936	0.835357	music
nb	1.0	1.0	1.0	8.0	0.674936	0.835357	music
accuracy	1.0	1.0	1.0	1.0	0.674936	0.835357	music
macro avg	1.0	1.0	1.0	12.0	0.674936	0.835357	music
weighted avg	1.0	1.0	1.0	12.0	0.674936	0.835357	music

	feature	importance
5	glosslength_normalised_x	0.235738
9	BNC_sum	0.201802
4	depthfromtopsynset_normalised_x	0.183835
0	ngrams_last_mean	0.148133
6	minwordlength_x	0.080065
2	nrhypos_x	0.072581
8	polyscore_max_x	0.036426
7	nroflemmas_x	0.027599
3	nrpartrels_normalised_x	0.011187

	feature	importance
5	glosslength_normalised_x	0.281053
4	depthfromtopsynset_normalised_x	0.200026
0	ngrams_last_mean	0.191846
6	minwordlength_x	0.097508
2	nrhypos_x	0.080431
9	CABNC_per100,000	0.053815
8	polyscore_max_x	0.04245
7	nroflemmas_x	0.037898
3	nrpartrels_normalised_x	0.010006
1	nrdirhypers_x	0.004968

	feature	importance
5	glosslength_normalised_x	0.278267
4	depthfromtopsynset_normalised_x	0.19277
0	ngrams_last_mean	0.191325
6	minwordlength_x	0.094978
2	nrhypos_x	0.079547
9	KBNC_Sum	0.068089
8	polyscore_max_x	0.039266
7	nroflemmas_x	0.036964
3	nrpartrels_normalised_x	0.015099
1	nrdirhypers_x	0.003695

	feature	importance
5	glosslength_normalised_x	0.271309
4	depthfromtopsynset_normalised_x	0.170187
0	ngrams_last_mean	0.169322
9	CHILDES_Sum_Rel	0.137734
6	minwordlength_x	0.087602
2	nrhypos_x	0.071555
8	polyscore_max_x	0.044998
7	nroflemmas_x	0.02993
3	nrpartrels_normalised_x	0.013919
1	nrdirhypers_x	0.003444

Results of EX2 Local Model(4)

BNC Sum: Written General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.333333	0.500000	0.400000	2.000000	0.392555	0.71636	furn
nb	0.933333	0.875000	0.903226	16.000000	0.392555	0.71636	furn
accuracy	0.833333	0.833333	0.833333	0.833333	0.392555	0.71636	furn
macro avg	0.633333	0.687500	0.651613	18.000000	0.392555	0.71636	furn
weighted avg	0.866667	0.833333	0.847312	18.000000	0.392555	0.71636	furn

CABNC per 100K: Spoken General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.333333	0.500000	0.400000	2.000000	0.556927	0.81636	furn
nb	0.933333	0.875000	0.903226	16.000000	0.556927	0.81636	furn
accuracy	0.833333	0.833333	0.833333	0.833333	0.556927	0.81636	furn
macro avg	0.633333	0.687500	0.651613	18.000000	0.556927	0.81636	furn
weighted avg	0.866667	0.833333	0.847312	18.000000	0.556927	0.81636	furn

KBNC Sum: Written Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.500000	0.500000	0.500000	2.000000	0.438454	0.744301	furn
nb	0.937500	0.937500	0.937500	16.000000	0.438454	0.744301	furn
accuracy	0.888889	0.888889	0.888889	0.888889	0.438454	0.744301	furn
macro avg	0.718750	0.718750	0.718750	18.000000	0.438454	0.744301	furn
weighted avg	0.888889	0.888889	0.888889	18.000000	0.438454	0.744301	furn

CHIDES relative Sum: Spoken Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.333333	0.500000	0.400000	2.000000	0.546831	0.81636	furn
nb	0.933333	0.875000	0.903226	16.000000	0.546831	0.81636	furn
accuracy	0.833333	0.833333	0.833333	0.833333	0.546831	0.81636	furn
macro avg	0.633333	0.687500	0.651613	18.000000	0.546831	0.81636	furn
weighted avg	0.866667	0.833333	0.847312	18.000000	0.546831	0.81636	furn

	feature	importance
9	BNC_sum	0.282864
0	ngrams_last_mean	0.213287
4	depthfromtopsynset_normalised_x	0.096625
5	glosslength_normalised_x	0.094886
2	nrhypos_x	0.092612
6	minwordlength_x	0.065087
3	nrpartrels_normalised_x	0.064277
8	polyscore_max_x	0.057762
7	nroflennas_x	0.03129
1	nrdirhypers_x	0.00131

	feature	importance
9	CABNC_per100,000	0.355326
0	ngrams_last_mean	0.199497
6	minwordlength_x	0.095092
5	glosslength_normalised_x	0.083129
4	depthfromtopsynset_normalised_x	0.080125
2	nrhypos_x	0.079348
3	nrpartrels_normalised_x	0.041704
8	polyscore_max_x	0.033725
7	nroflennas_x	0.030485
1	nrdirhypers_x	0.00157

	feature	importance
9	KBNC_Sum	0.259908
0	ngrams_last_mean	0.198582
4	depthfromtopsynset_normalised_x	0.141553
6	minwordlength_x	0.089265
2	nrhypos_x	0.086763
5	glosslength_normalised_x	0.084759
3	nrpartrels_normalised_x	0.054375
7	nroflennas_x	0.047107
8	polyscore_max_x	0.036852
1	nrdirhypers_x	0.000836

	feature	importance
9	CHILDES_Sum_Rel	0.385713
0	ngrams_last_mean	0.211152
6	minwordlength_x	0.091896
2	nrhypos_x	0.085258
5	glosslength_normalised_x	0.083948
4	depthfromtopsynset_normalised_x	0.072674
8	polyscore_max_x	0.030444
3	nrpartrels_normalised_x	0.018303
7	nroflennas_x	0.016567
1	nrdirhypers_x	0.004045

Results of EX2 Local Model(5)

BNC Sum: Written General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.50000	0.666667	0.571429	3.000	0.53453	0.776515	garm
nb	0.95000	0.904762	0.926829	21.000	0.53453	0.776515	garm
accuracy	0.87500	0.875000	0.875000	0.875	0.53453	0.776515	garm
macro avg	0.72500	0.785714	0.749129	24.000	0.53453	0.776515	garm
weighted avg	0.89375	0.875000	0.882404	24.000	0.53453	0.776515	garm

CABNC per 100K: Spoken General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.50000	0.666667	0.571429	3.000	0.544901	0.778896	garm
nb	0.95000	0.904762	0.926829	21.000	0.544901	0.778896	garm
accuracy	0.87500	0.875000	0.875000	0.875	0.544901	0.778896	garm
macro avg	0.72500	0.785714	0.749129	24.000	0.544901	0.778896	garm
weighted avg	0.89375	0.875000	0.882404	24.000	0.544901	0.778896	garm

KBNC Sum: Written Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.50000	0.666667	0.571429	3.000	0.538551	0.779004	garm
nb	0.95000	0.904762	0.926829	21.000	0.538551	0.779004	garm
accuracy	0.87500	0.875000	0.875000	0.875	0.538551	0.779004	garm
macro avg	0.72500	0.785714	0.749129	24.000	0.538551	0.779004	garm
weighted avg	0.89375	0.875000	0.882404	24.000	0.538551	0.779004	garm

CHIDES relative Sum: Spoken Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	local
b	0.50000	0.666667	0.571429	3.000	0.509739	0.737229	garm
nb	0.95000	0.904762	0.926829	21.000	0.509739	0.737229	garm
accuracy	0.87500	0.875000	0.875000	0.875	0.509739	0.737229	garm
macro avg	0.72500	0.785714	0.749129	24.000	0.509739	0.737229	garm
weighted avg	0.89375	0.875000	0.882404	24.000	0.509739	0.737229	garm

	feature	importance
4	depthfromtopsynset_normalised_x	0.273739
9	BNC_sum	0.160845
2	nrhypos_x	0.142314
6	minwordlength_x	0.112949
0	ngrams_last_mean	0.104562
5	glosslength_normalised_x	0.102192
8	polyscore_max_x	0.050822
7	nroflemmas_x	0.026562
3	nrpartrels_normalised_x	0.021884
1	nrdirhypers_x	0.004133

	feature	importance
4	depthfromtopsynset_normalised_x	0.202198
0	ngrams_last_mean	0.159808
9	CABNC_per100,000	0.155573
2	nrhypos_x	0.150221
5	glosslength_normalised_x	0.121248
6	minwordlength_x	0.117537
8	polyscore_max_x	0.050867
7	nroflemmas_x	0.030293
3	nrpartrels_normalised_x	0.009163
1	nrdirhypers_x	0.003091

	feature	importance
4	depthfromtopsynset_normalised_x	0.228079
0	ngrams_last_mean	0.166445
6	minwordlength_x	0.164797
9	KBNC_Sum	0.121229
2	nrhypos_x	0.113865
5	glosslength_normalised_x	0.098509
8	polyscore_max_x	0.060083
7	nroflemmas_x	0.032391
3	nrpartrels_normalised_x	0.01102
1	nrdirhypers_x	0.003583

	feature	importance
4	depthfromtopsynset_normalised_x	0.224844
0	ngrams_last_mean	0.1855
2	nrhypos_x	0.174501
5	glosslength_normalised_x	0.142901
6	minwordlength_x	0.133397
9	CHILDES_Sum_Rel	0.052001
8	polyscore_max_x	0.051227
7	nroflemmas_x	0.025134
3	nrpartrels_normalised_x	0.007436
1	nrdirhypers_x	0.003058

Results of EX2 Global Model

BNC Sum: Written General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	global
b	0.777778	0.823529	0.800000	17.000000	0.696245	0.851384	5
nb	0.953846	0.939394	0.946565	66.000000	0.696245	0.851384	5
accuracy	0.915663	0.915663	0.915663	0.915663	0.696245	0.851384	5
macro avg	0.865812	0.881462	0.873282	83.000000	0.696245	0.851384	5
weighted avg	0.917784	0.915663	0.916546	83.000000	0.696245	0.851384	5

CABNC per 100K: Spoken General

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	global
b	0.789474	0.882353	0.833333	17.000000	0.687072	0.850898	5
nb	0.968750	0.939394	0.953846	66.000000	0.687072	0.850898	5
accuracy	0.927711	0.927711	0.927711	0.927711	0.687072	0.850898	5
macro avg	0.879112	0.910873	0.893590	83.000000	0.687072	0.850898	5
weighted avg	0.932031	0.927711	0.929163	83.000000	0.687072	0.850898	5

KBNC Sum: Written Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	global
b	0.789474	0.882353	0.833333	17.000000	0.693757	0.854433	5
nb	0.968750	0.939394	0.953846	66.000000	0.693757	0.854433	5
accuracy	0.927711	0.927711	0.927711	0.927711	0.693757	0.854433	5
macro avg	0.879112	0.910873	0.893590	83.000000	0.693757	0.854433	5
weighted avg	0.932031	0.927711	0.929163	83.000000	0.693757	0.854433	5

CHIDES relative Sum: Spoken Children

	precision	recall	f1-score	support	cohen kappa / 10	balanced acc / 10	global
b	0.761905	0.941176	0.842105	17.000000	0.69074	0.857564	5
nb	0.983871	0.924242	0.953125	66.000000	0.69074	0.857564	5
accuracy	0.927711	0.927711	0.927711	0.927711	0.69074	0.857564	5
macro avg	0.872888	0.932709	0.897615	83.000000	0.69074	0.857564	5
weighted avg	0.938408	0.927711	0.930386	83.000000	0.69074	0.857564	5

feature	importance
4 depthfromtopsynset_normalised_x	0.345444
3 nrpartrels_normalised_x	0.131948
5 glosslength_normalised_x	0.119785
9 BNC_sum	0.113406
0 ngrams_last_mean	0.105128
6 minwordlength_x	0.088236
2 nrhypos_x	0.040927
8 polyscore_max_x	0.030674
7 nrolemmas_x	0.022791
1 nrdirhypers_x	0.001661
feature	importance
4 depthfromtopsynset_normalised_x	0.362349
5 glosslength_normalised_x	0.134113
0 ngrams_last_mean	0.125026
6 minwordlength_x	0.106212
3 nrpartrels_normalised_x	0.094465
9 CABNC_per100,000	0.06835
2 nrhypos_x	0.040417
8 polyscore_max_x	0.036625
7 nrolemmas_x	0.029963
1 nrdirhypers_x	0.00248
feature	importance
4 depthfromtopsynset_normalised_x	0.363205
5 glosslength_normalised_x	0.145445
0 ngrams_last_mean	0.125442
3 nrpartrels_normalised_x	0.10085
6 minwordlength_x	0.10005
9 KBNC_Sum	0.059931
2 nrhypos_x	0.040741
8 polyscore_max_x	0.034012
7 nrolemmas_x	0.027957
1 nrdirhypers_x	0.002367
feature	importance
4 depthfromtopsynset_normalised_x	0.362421
5 glosslength_normalised_x	0.135476
0 ngrams_last_mean	0.129221
6 minwordlength_x	0.108
3 nrpartrels_normalised_x	0.08313
9 CHIDES_Sum_Rel	0.072765
2 nrhypos_x	0.040549
8 polyscore_max_x	0.03807
7 nrolemmas_x	0.027884
1 nrdirhypers_x	0.002485

Results of EX2 Unseen Domain Model(1)

	precision	recall	f1-score	support	corpora	cohen kappa	balanced acc	unseen
b	0.892857	0.877193	0.884956	57.0	BNC_sum	0.819637	0.908293	fruit
nb	0.930000	0.939394	0.934673	99.0	BNC_sum	0.819637	0.908293	fruit
b	0.877193	0.877193	0.877193	57.0	CABNC_per100,000	0.806486	0.903243	fruit
nb	0.929293	0.929293	0.929293	99.0	CABNC_per100,000	0.806486	0.903243	fruit
b	0.847458	0.877193	0.862069	57.0	KBNC_Sum	0.780475	0.893142	fruit
nb	0.927835	0.909091	0.918367	99.0	KBNC_Sum	0.780475	0.893142	fruit
b	0.800000	0.842105	0.820513	57.0	CHILDES_Sum_Rel	0.712934	0.860447	fruit
nb	0.906250	0.878788	0.892308	99.0	CHILDES_Sum_Rel	0.712934	0.860447	fruit

Largely vary in 'cohen kappa' from the paper

	precision	recall	f1-score	support	corpora	cohen kappa	balanced acc	unseen
b	0.904762	0.760000	0.826087	25.0	BNC_sum	0.790055	0.870741	tool
nb	0.946429	0.981481	0.963636	108.0	BNC_sum	0.790055	0.870741	tool
b	0.833333	0.800000	0.816327	25.0	CABNC_per100,000	0.774873	0.881481	tool
nb	0.954128	0.962963	0.958525	108.0	CABNC_per100,000	0.774873	0.881481	tool
b	0.800000	0.800000	0.800000	25.0	KBNC_Sum	0.753704	0.876852	tool
nb	0.953704	0.953704	0.953704	108.0	KBNC_Sum	0.753704	0.876852	tool
b	0.800000	0.800000	0.800000	25.0	CHILDES_Sum_Rel	0.753704	0.876852	tool
nb	0.953704	0.953704	0.953704	108.0	CHILDES_Sum_Rel	0.753704	0.876852	tool

	precision	recall	f1-score	support	corpora	cohen kappa	balanced acc	unseen
b	0.769231	0.638298	0.697674	47.0	BNC_sum	0.543096	0.762187	music
nb	0.804598	0.886076	0.843373	79.0	BNC_sum	0.543096	0.762187	music
b	0.750000	0.638298	0.689655	47.0	CABNC_per100,000	0.527631	0.755858	music
nb	0.802326	0.873418	0.836364	79.0	CABNC_per100,000	0.527631	0.755858	music
b	0.743590	0.617021	0.674419	47.0	KBNC_Sum	0.507950	0.745219	music
nb	0.793103	0.873418	0.831325	79.0	KBNC_Sum	0.507950	0.745219	music
b	0.750000	0.638298	0.689655	47.0	CHILDES_Sum_Rel	0.527631	0.755858	music
nb	0.802326	0.873418	0.836364	79.0	CHILDES_Sum_Rel	0.527631	0.755858	music

Results of EX2 Unseen Domain Model(2)

	precision	recall	f1-score	support	corpora	cohen kappa	balanced acc	unseen
b	0.326531	0.800000	0.463768	20.0	BNC_sum	0.365239	0.798773	furn
nb	0.970149	0.797546	0.875421	163.0	BNC_sum	0.365239	0.798773	furn
b	0.361702	0.850000	0.507463	20.0	CABNC_per100,000	0.418264	0.832975	furn
nb	0.977941	0.815951	0.889632	163.0	CABNC_per100,000	0.418264	0.832975	furn
b	0.352941	0.900000	0.507042	20.0	KBNC_Sum	0.415229	0.848773	furn
nb	0.984848	0.797546	0.881356	163.0	KBNC_Sum	0.415229	0.848773	furn
b	0.354167	0.850000	0.500000	20.0	CHILDES_Sum_Rel	0.408780	0.829908	furn
nb	0.977778	0.809816	0.885906	163.0	CHILDES_Sum_Rel	0.408780	0.829908	furn

	precision	recall	f1-score	support	corpora	cohen kappa	balanced acc	unseen
b	0.310345	0.692308	0.428571	26.0	BNC_sum	0.328535	0.753131	garm
nb	0.956284	0.813953	0.879397	215.0	BNC_sum	0.328535	0.753131	garm
b	0.292308	0.730769	0.417582	26.0	CABNC_per100,000	0.311466	0.758408	garm
nb	0.960227	0.786047	0.864450	215.0	CABNC_per100,000	0.311466	0.758408	garm
b	0.263889	0.730769	0.387755	26.0	KBNC_Sum	0.272416	0.742129	garm
nb	0.958580	0.753488	0.843750	215.0	KBNC_Sum	0.272416	0.742129	garm
b	0.287671	0.807692	0.424242	26.0	CHILDES_Sum_Rel	0.315307	0.782916	garm
nb	0.970238	0.758140	0.851175	215.0	CHILDES_Sum_Rel	0.315307	0.782916	garm