

Model_Name : Model_ANCOR_balanced_ANAPHORE_WOD.model

Train Dataset : balanced_ANAPHORE_Train.xlsx

Test Dataset : window_ANAPHORE_Test.xlsx

{'precision_score_pos': 0.38847117794486213, 'recall_score_pos': 0.9212481426448736,
'f1_score_pos': 0.5464962538563244, 'precision_score_neg': 0.9965447551991655,
'recall_score_neg': 0.9399827819456401, 'f1_score_neg': 0.967437739312047}

MUC: R=0.94 P=0.4104803493449782 F₁=0.5714285714285714

B³: R=0.9697452229299363 P=0.4394820899718672 F₁=0.6048501237687547

CEAF_m: R=0.5031847133757962 P=0.512987012987013 F₁=0.5080385852090032

CEAF_e: R=0.2576955474352516 P=0.6980613563435928 F₁=0.3764289907927907

BLANC: R=0.9468117776092289 P=0.6025176974932748 F₁=0.6578671069908274

CoNLL-2012 average score: 0.5175692286633723

Model_Name : Model_ANCOR_balanced_DIRECTE_WOD.model

Train Dataset : balanced_DIRECTE_Train.xlsx

Test Dataset : window_DIRECTE_Test.xlsx

{'precision_score_pos': 0.16986706056129985, 'recall_score_pos': 0.9465020576131687,
'f1_score_pos': 0.2880400751408892, 'precision_score_neg': 0.9991656504717283,
'recall_score_neg': 0.9326623532231009, 'f1_score_neg': 0.9647693118086326}

MUC: R=0.9768518518518519 P=0.2060546875 F₁=0.3403225806451613

B³: R=0.994531621493105 P=0.35791657653810355 F₁=0.5263925875192554

CEAF_m: R=0.39443651925820256 P=0.3955650929899857 F₁=0.39499999999999996

CEAF_e: R=0.19540867945664098 P=0.6196649567796155 F₁=0.2971214023533028

BLANC: R=0.978916760825927 P=0.5403596228778154 F₁=0.572311482592359

CoNLL-2012 average score: 0.3879455235059065

Model_Name : Model_ANCOR_balanced_Full_WOD.model

Train Dataset : balanced_Full_Train.xlsx

Test Dataset : window_Full_Test.xlsx

{'precision_score_pos': 0.38564102564102565, 'recall_score_pos': 0.8826291079812206,
'f1_score_pos': 0.5367594575303354, 'precision_score_neg': 0.9892933618843683,
'recall_score_neg': 0.8852270549913777, 'f1_score_neg': 0.9343715239154616}

MUC: R=0.9337278106508876 P=0.440536013400335 F₁=0.5986342943854325

B³: R=0.9550944690403442 P=0.3952758180389828 F₁=0.5591440379971162

CEAF_m: R=0.4591881274552597 P=0.46714031971580816 F₁=0.4631300902487343

CEAF_e: R=0.21579911065330992 P=0.6768883167129851 F₁=0.3272632553798491

BLANC: R=0.9208555242940192 P=0.5859813226662816 F₁=0.6344909337027995

CoNLL-2012 average score: 0.49501386258746594

Model_Name : Model_ANCOR_balanced_INDIRECTE_WOD.model

Train Dataset : balanced_INDIRECTE_Train.xlsx

Test Dataset : window_INDIRECTE_Test.xlsx

{'precision_score_pos': 0.031055900621118012, 'recall_score_pos': 0.7633587786259542,
'f1_score_pos': 0.059683676514473295, 'precision_score_neg': 0.9977397010572366,
'recall_score_neg': 0.8143299214472745, 'f1_score_neg': 0.8967528424915626}

MUC: R=0.8770491803278688 P=0.0541497975708502 F₁=0.10200190657769304

B³: R=0.9903746483044573 P=0.1281272794711102 F₁=0.22689993855758384

CEAF_m: R=0.1514882274544647 P=0.15230013398838768 F₁=0.15189309576837418

CEAF_e: R=0.05138395127382398 P=0.4159560162052139 F₁=0.09146858884780205

BLANC: R=0.9267084208232885 P=0.5027997118472621 F₁=0.50083046659583

CoNLL-2012 average score: 0.14012347799435965

Model_Name : Model_ANCOR_representative_ANAPHORE_WOD.model

Train Dataset : representative_ANAPHORE_Train.xlsx

Test Dataset : window_ANAPHORE_Test.xlsx

{'precision_score_pos': 0.5545634920634921, 'recall_score_pos': 0.8306092124814265,
'f1_score_pos': 0.6650803093396788, 'precision_score_neg': 0.9928423431908081,
'recall_score_neg': 0.972389619972943, 'f1_score_neg': 0.9825095529528721}

MUC: R=0.846 P=0.5866851595006934 F₁=0.6928746928746928

B³: R=0.8858653559725945 P=0.6033546587926509 F₁=0.7178133308574018

CEAF_m: R=0.6085790884718498 P=0.6702755905511811 F₁=0.6379391100702576

CEAF_e: R=0.3863104861298042 P=0.8105972573367756 F₁=0.5232520588935422

BLANC: R=0.8350734237552655 P=0.6878726799254531 F₁=0.7116396360397668

CoNLL-2012 average score: 0.6446466942085456

Model_Name : Model_ANCOR_representative_DIRECTE_WOD.model

Train Dataset : representative_DIRECTE_Train.xlsx

Test Dataset : window_DIRECTE_Test.xlsx

{'precision_score_pos': 0.37543859649122807, 'recall_score_pos': 0.8806584362139918,
'f1_score_pos': 0.5264452644526445, 'precision_score_neg': 0.9982279254506569,
'recall_score_neg': 0.9786724179247543, 'f1_score_neg': 0.9883534501013401}

MUC: R=0.9074074074074074 P=0.4091858037578288 F₁=0.5640287769784174

B³: R=0.9600204498977505 P=0.6073953823953824 F₁=0.7440424886099779

CEAF_m: R=0.6184049079754601 P=0.6363636363636364 F₁=0.627255756067206

CEAF_e: R=0.40121559019722625 P=0.767821528843893 F₁=0.5270353915090757

BLANC: R=0.9156456711452892 P=0.6591179716173646 F₁=0.7195953050628455

CoNLL-2012 average score: 0.6117022190324903

Model_Name : Model_ANCOR_representative_Full_WOD.model

Train Dataset : representative_Full_Train.xlsx

Test Dataset : window_Full_Test.xlsx

{'precision_score_pos': 0.6337262012692656, 'recall_score_pos': 0.5469483568075117,
'f1_score_pos': 0.5871482570348592, 'precision_score_neg': 0.9634284992420414,
'recall_score_neg': 0.9741968448617232, 'f1_score_neg': 0.9687827495315824}

MUC: R=0.6189349112426036 P=0.6425061425061425 F₁=0.6305003013863774

B³: R=0.666411151109427 P=0.7000343685558957 F₁=0.6828090877413915

CEAF_m: R=0.5387931034482759 P=0.710804224207961 F₁=0.6129597197898424

CEAF_e: R=0.4097157334028863 P=0.765392221392922 F₁=0.5337266828107834

BLANC: R=0.5324753414048553 P=0.7480538071786837 F₁=0.6114242584328572

CoNLL-2012 average score: 0.6156786906461841

Model_Name : Model_ANCOR_representative_INDIRECTE_WOD.model

Train Dataset : representative_INDIRECTE_Train.xlsx

Test Dataset : window_INDIRECTE_Test.xlsx

{'precision_score_pos': 0.07950310559006211, 'recall_score_pos': 0.48854961832061067,
'f1_score_pos': 0.13675213675213677, 'precision_score_neg': 0.9958462492250465,
'recall_score_neg': 0.9559033563437277, 'f1_score_neg': 0.9754660836825165}

MUC: R=0.5245901639344263 P=0.0962406015037594 F₁=0.16264294790343076

B³: R=0.9082794706063404 P=0.37227091545728824 F₁=0.5280948468620156

CEAF_m: R=0.3619575253924284 P=0.3927855711422846 F₁=0.3767419509851033

CEAF_e: R=0.20939645402654364 P=0.604294271229755 F₁=0.31102008086477345

BLANC: R=0.6750534705235356 P=0.5193053317399506 F₁=0.49425612462430224

CoNLL-2012 average score: 0.3339192918767399

Model_Name : Model_ANCOR_window_ANAPHORE_WOD.model

Train Dataset : window_ANAPHORE_Train.xlsx

Test Dataset : window_ANAPHORE_Test.xlsx

{'precision_score_pos': 0.649706457925636, 'recall_score_pos': 0.4933135215453195,
'f1_score_pos': 0.5608108108108107, 'precision_score_neg': 0.9792377009254749,
'recall_score_neg': 0.9889927438199484, 'f1_score_neg': 0.9840910481551735}

MUC: R=0.516 P=0.671875 F₁=0.583710407239819

B³: R=0.5548315602836879 P=0.7022204153114836 F₁=0.6198853448456031

CEAF_m: R=0.4563829787234043 P=0.7513134851138353 F₁=0.5678358702845797

CEAF_e: R=0.34618318550136734 P=0.8145486717679231 F₁=0.4858711375457787

BLANC: R=0.4271975003698949 P=0.7357549612646697 F₁=0.5082928936070427

CoNLL-2012 average score: 0.5631556298770669

Model_Name : Model_ANCOR_window_DIRECTE_WOD.model

Train Dataset : window_DIRECTE_Train.xlsx

Test Dataset : window_DIRECTE_Test.xlsx

{'precision_score_pos': 0.7714285714285715, 'recall_score_pos': 0.5555555555555556,
'f1_score_pos': 0.6459330143540669, 'precision_score_neg': 0.9935560859188545,
'recall_score_neg': 0.9976036424634556, 'f1_score_neg': 0.9955757503288293}

MUC: R=0.5833333333333334 P=0.7682926829268293 F₁=0.6631578947368422

B³: R=0.6428571428571429 P=0.8667763157894737 F₁=0.7382101167315175

CEAF_m: R=0.5846153846153846 P=0.875 F₁=0.7009222661396575

CEAF_e: R=0.5267716012485887 P=0.8992743764172335 F₁=0.664371570967877

BLANC: R=0.49026418966065255 P=0.875 F₁=0.6204246078601643

CoNLL-2012 average score: 0.6885798608120789

Model_Name : Model_ANCOR_window_Full_WOD.model

Train Dataset : window_Full_Train.xlsx

Test Dataset : window_Full_Test.xlsx

{'precision_score_pos': 0.765685019206146, 'recall_score_pos': 0.4679186228482003,
'f1_score_pos': 0.5808644973288004, 'precision_score_neg': 0.9579051628079732,
'recall_score_neg': 0.9883119371527113, 'f1_score_neg': 0.9728710194586777}

MUC: R=0.5408284023668639 P=0.778534923339012 F₁=0.638268156424581
B³: R=0.5375447987067705 P=0.7981527471403737 F₁=0.6424251644884392
CEAF_m: R=0.49295774647887325 P=0.7874015748031497 F₁=0.606323083585968
CEAF_e: R=0.4183031817424621 P=0.7964381771586613 F₁=0.5485161448162275
BLANC: R=0.41319359916517184 P=0.8076454031106886 F₁=0.5361101091471889
CoNLL-2012 average score: 0.6097364885764159

Model_Name : Model_ANCOR_window_INDIRECTE_WOD.model

Train Dataset : window_INDIRECTE_Train.xlsx

Test Dataset : window_INDIRECTE_Test.xlsx

{'precision_score_pos': 0.125, 'recall_score_pos': 0.015267175572519083,
'f1_score_pos': 0.027210884353741496, 'precision_score_neg': 0.992375435900467,
'recall_score_neg': 0.9991668650321353, 'f1_score_neg': 0.9957595706194585}

MUC: R=0.02459016393442623 P=0.1875 F₁=0.04347826086956522

B³: R=0.09333333333333332 P=0.44266666666666665 F₁=0.1541625207296849

CEAF_m: R=0.048 P=0.48 F₁=0.08727272727272728

CEAF_e: R=0.04482886904761905 P=0.6375661375661376 F₁=0.083767813694821

BLANC: R=0.015682557904829187 P=0.5555555555555556 F₁=0.02748180873180873

CoNLL-2012 average score: 0.09380286509802371

