Model_Name : Model_ANCOR_balanced_ANAPHORE.model

Train Dataset : balanced_ANAPHORE_Train.xlsx

Test Dataset : window_ANAPHORE_Test.xlsx

{'precision_score_pos': 0.20553232550659375, 'recall_score_pos': 0.9494799405646359, 'f1_score_pos': 0.3379164463246959, 'precision_score_neg': 0.997540865036887, 'recall_score_neg': 0.8481121633255442, 'f1_score_neg': 0.916777452805105}

MUC: R=0. 974P=0. 240138067061144 F $_1$ =0. 3852848101265823 B $_3$: R=0. 9920292747837658 P=0. 2687463503376037 F $_1$ =0. 42292100468000715 CEAF_m: R=0. 32974051896207585 P=0. 33092948717948717 F $_1$ =0. 3303339332133573 CEAF_e: R=0. 13256522254429753 P=0. 5679343401737533 F $_1$ =0. 21495614330878815 BLANC: R=0. 9780063095684741 P=0. 5367818033639943 F $_1$ =0. 5657784473690689 CoNLL-2012 average score: 0. 3410539860384592

Model_Name : Model_ANCOR_balanced_DIRECTE.model

Train Dataset : balanced_DIRECTE_Train.xlsx

Test Dataset: window_DIRECTE_Test.xlsx

{'precision_score_pos': 0.16417910447761194, 'recall_score_pos': 0.9506172839506173, 'f1_score_pos': 0.28, 'precision_score_neg': 0.999227202472952, 'recall_score_neg': 0.9295470884255931, 'f1_score_neg': 0.9631284916201117}

MUC: R=0. 9814814814814815 P=0. 19099099099099098 F $_1$ =0. 31975867269984914 B 3 : R=0. 9964301651048639 P=0. 3341916982332532 F $_1$ =0. 5005158839218905 CEAF_m: R=0. 37617135207496655 P=0. 37667560321715815 F $_1$ =0. 37642330877428 CEAF_e: R=0. 1796593481901408 P=0. 6010592853062825 F $_1$ =0. 2766321048036144 BLANC: R=0. 9860363779233123 P=0. 537030920093191 F $_1$ =0. 5674381536752174 CoNLL=2012 average score: 0. 36563555380845136

Model_Name : Model_ANCOR_balanced_Full.model

Train Dataset : balanced_Full_Train.xlsx

Test Dataset: window_Full_Test.xlsx

{'precision_score_pos': 0.24341021416803954, 'recall_score_pos': 0.9248826291079812, 'f1_score_pos': 0.3853928920769482, 'precision_score_neg': 0.9920523222121036, 'recall_score_neg': 0.7653445743118095, 'f1_score_neg': 0.8640755696567638}

MUC: R=0.9656804733727811 P=0.35202761000862814 F $_1$ =0.5159658552007588 B 3 : R=0.9792180301332337 P=0.22358316960066843 F $_1$ =0.3640446500315214 CEAF $_m$: R=0.28950317519611507 P=0.29102515959444236 F $_1$ =0.2902621722846442 CEAF $_e$: R=0.1137015747618428 P=0.6037718404744812 F $_1$ =0.19136544323720348 BLANC: R=0.9433639115629608 P=0.5239049062212046 F $_1$ =0.5404814870582241 CoNLL-2012 average score: 0.35712531615649457

Model_Name : Model_ANCOR_balanced_INDIRECTE.model

Train Dataset : balanced_INDIRECTE_Train.xlsx

Test Dataset: window_INDIRECTE_Test.xlsx

{'precision_score_pos': 0.026585312704292874, 'recall_score_pos': 0.9312977099236641, 'f1_score_pos': 0.051694915254237285, 'precision_score_neg': 0.9992710189535072, 'recall_score_neg': 0.7341704356105689, 'f1_score_neg': 0.8464493996569469}

MUC: R=0. 9672131147540983 P=0. 05175438596491228 F_1 =0. 09825145711906745 B $^{\circ}$: R=0. 9975560081466395 P=0. 07754737411805192 F_1 =0. 14390773993195816 CEAF_m: R=0. 0989816700610998 P=0. 09914320685434516 F_1 =0. 09906237260497351 CEAF_e: R=0. 026444546657574307 P=0. 3607902184334553 F_1 =0. 04927725826846714 BLANC: R=0. 9736254947303481 P=0. 5011001559876569 F_1 =0. 49646213163180414 CoNLL=2012 average score: 0. 09714548510649758

Model_Name : Model_ANCOR_representative_ANAPHORE.model

Train Dataset : representative_ANAPHORE_Train.xlsx

Test Dataset : window_ANAPHORE_Test.xlsx

{'precision_score_pos': 0.38080495356037153, 'recall_score_pos': 0.9138187221396731, 'f1_score_pos': 0.5375874125874126, 'precision_score_neg': 0.9962140992167102, 'recall_score_neg': 0.9385069487147952, 'f1_score_neg': 0.9664999050091824}

Model_Name : Model_ANCOR_representative_DIRECTE.model

Train Dataset : representative_DIRECTE_Train.xlsx

Test Dataset: window_DIRECTE_Test.xlsx

{'precision_score_pos': 0.375, 'recall_score_pos': 0.9135802469135802, 'f1_score_pos': 0.5317365269461077, 'precision_score_neg': 0.9987150461971487, 'recall_score_neg': 0.9778336927869639, 'f1_score_neg': 0.98816406841229}

Model_Name : Model_ANCOR_representative_Full.model

Train Dataset : representative_Full_Train.xlsx

Test Dataset: window_Full_Test.xlsx

{'precision_score_pos': 0.538135593220339, 'recall_score_pos': 0.7949921752738655, 'f1_score_pos': 0.6418193303853443, 'precision_score_neg': 0.9825878912740081, 'recall_score_neg': 0.9443060611866897, 'f1_score_neg': 0.9630667014069828}

MUC: R=0. 8710059171597633 P=0. 565284178187404 F $_1$ =0. 6856078248719143 B $_3$: R=0. 8956161697770648 P=0. 5643373893373893 F $_1$ =0. 6923914640228871 CEAF_m: R=0. 5855087906233352 P=0. 6188063063063063 F $_1$ =0. 6016972351491925 CEAF_e: R=0. 34741262837061176 P=0. 7563920516423446 F $_1$ =0. 47613523569518107 BLANC: R=0. 8204225635770281 P=0. 6761141312353848 F $_1$ =0. 7113711568655718 CoNLL-2012 average score: 0. 6180448415299942

Model_Name : Model_ANCOR_representative_INDIRECTE.model

Train Dataset : representative_INDIRECTE_Train.xlsx

Test Dataset: window_INDIRECTE_Test.xlsx

{'precision_score_pos': 0.050728277247614265, 'recall_score_pos': 0.7709923664122137, 'f1_score_pos': 0.09519321394910461, 'precision_score_neg': 0.9979925053533191, 'recall_score_neg': 0.8875267793382527, 'f1_score_neg': 0.9395237495275293}

Model_Name : Model_ANCOR_window_ANAPHORE.model

Train Dataset : window_ANAPHORE_Train.xlsx

Test Dataset: window_ANAPHORE_Test.xlsx

{'precision_score_pos': 0.7664670658682635, 'recall_score_pos': 0.5705794947994056, 'f1_score_pos': 0.6541737649063032, 'precision_score_neg': 0.982414506510892, 'recall_score_neg': 0.992805312999631, 'f1_score_neg': 0.987582578908735}

CEAF_e: R=0. 5335518003723877 P=0. 8631590901777237 F₁=0. 6594637296638066 BLANC: R=0. 5659224734579851 P=0. 8082865164126218 F₁=0. 6544058787856044

CoNLL-2012 average score: 0.702493783953334

Model_Name : Model_ANCOR_window_DIRECTE.model

Train Dataset : window_DIRECTE_Train.xlsx

Test Dataset: window_DIRECTE_Test.xlsx

{'precision_score_pos': 0.770949720670391, 'recall_score_pos': 0.5679012345679012, 'f1_score_pos': 0.6540284360189572, 'precision_score_neg': 0.9937335879684889, 'recall_score_neg': 0.9975437335250419, 'f1_score_neg': 0.99563501554652}

MUC: R=0.59722222222222 P=0.7678571428571429 F₁=0.671875

CoNLL-2012 average score: 0.6968068475311419

Model_Name : Model_ANCOR_window_Full.model

Train Dataset : window_Full_Train.xlsx

Test Dataset: window_Full_Test.xlsx

{'precision_score_pos': 0.7782805429864253, 'recall_score_pos': 0.5383411580594679, 'f1_score_pos': 0.6364477335800185, 'precision_score_neg': 0.963242165597159, 'recall_score_neg': 0.9874816376061826, 'f1_score_neg': 0.9752113031411631}

MUC: R=0. 6437869822485207 P=0. 7838616714697406 F $_1$ =0. 7069525666016894 B $_3$: R=0. 6455773350064008 P=0. 8085921555080433 F $_1$ =0. 7179476288906211 CEAF_m: R=0. 5910034602076124 P=0. 7981308411214953 F $_1$ =0. 6791252485089463 CEAF_e: R=0. 5098983101452675 P=0. 8136675161892567 F $_1$ =0. 6269241518179519 BLANC: R=0. 5248421504410351 P=0. 8102135460588703 F $_1$ =0. 631366888187501 CoNLL=2012 average score: 0. 6839414491034208

Model_Name : Model_ANCOR_window_INDIRECTE.model

Train Dataset : window_INDIRECTE_Train.xlsx

Test Dataset: window_INDIRECTE_Test.xlsx

CoNLL-2012 average score: 0.12641914366745396