

TREC-IS 2018 Notebook Evaluator v1.0
Run: KDEIS1_CLSTM (KDEIS1_CLSTM.gz)

EVALUATON: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1388150679980
6032
> Information Type Recall (positive class, multi-type, macro): 0.06074302963985757
> Information Type F1 (positive class, multi-type, macro): 0.061968817488484325
> Information Type Accuracy (overall, multi-type, macro): 0.8928730287100687

EVALUATON: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.08416045481573717

EVALUATON: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.2575433231396534
> Information Type Recall (any valid type, micro): 0.9783155856727976
> Information Type F1 (any valid type, micro): 0.4077466209400847
> Information Type Accuracy (any valid type, micro): 0.25803679741205016

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Run: KDEIS1_CLSTM (KDEIS1_CLSTM.gz)

EVALUATOR: Information Type Categorization (Multi-type)Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.051355348473396845

Information Type Recall (positive class, multi-type, macro): 0.0922267239774739

Information Type F1 (positive class, multi-type, macro): 0.05270607605175725

Information Type Accuracy (overall, multi-type, macro): 0.8802216066481996

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.07433772844765123

Information Type Recall (positive class, multi-type, macro): 0.09222232149061417

Information Type F1 (positive class, multi-type, macro): 0.060222520922157415

Information Type Accuracy (overall, multi-type, macro): 0.870251107828656

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.06964693304225494

Information Type Recall (positive class, multi-type, macro): 0.11717970267848576

Information Type F1 (positive class, multi-type, macro): 0.06486561443950283

Information Type Accuracy (overall, multi-type, macro): 0.8750654205607473

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.0896659066124715

Information Type Recall (positive class, multi-type, macro): 0.06632315998863313

Information Type F1 (positive class, multi-type, macro): 0.04038867724492365

Information Type Accuracy (overall, multi-type, macro): 0.8803858520900322

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.03608237068333035

Information Type Recall (positive class, multi-type, macro): 0.12617324412048808

Information Type F1 (positive class, multi-type, macro): 0.03615026066913904

Information Type Accuracy (overall, multi-type, macro): 0.8638998211091234

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.04742063654052878

Information Type Recall (positive class, multi-type, macro): 0.0951127819548872

Information Type F1 (positive class, multi-type, macro): 0.03308116402273691

Information Type Accuracy (overall, multi-type, macro): 0.8397402597402597

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.05154836777478287

Information Type Recall (positive class, multi-type, macro): 0.08284313725490197

Information Type F1 (positive class, multi-type, macro): 0.034932030932030934

Information Type Accuracy (overall, multi-type, macro): 0.916893203883495

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.054308338720103426

Information Type Recall (positive class, multi-type, macro): 0.1557669376693767

Information Type F1 (positive class, multi-type, macro): 0.06392847152847153

Information Type Accuracy (overall, multi-type, macro): 0.8604166666666666

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0950358270752136

Information Type Recall (positive class, multi-type, macro): 0.11736587324480904

Information Type F1 (positive class, multi-type, macro): 0.052674155694585015

Information Type Accuracy (overall, multi-type, macro): 0.909294403892944

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.05290584117782457

Information Type Recall (positive class, multi-type, macro): 0.10930315416756133

Information Type F1 (positive class, multi-type, macro): 0.054601310012146735

Information Type Accuracy (overall, multi-type, macro): 0.9116033315981259

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.0425072774286711

Information Type Recall (positive class, multi-type, macro): 0.10850437367114293

Information Type F1 (positive class, multi-type, macro): 0.04590789893139411

Information Type Accuracy (overall, multi-type, macro): 0.9096224588576962

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.07714789411638624

Information Type Recall (positive class, multi-type, macro): 0.10551931529030766

Information Type F1 (positive class, multi-type, macro): 0.07025889098408533

Information Type Accuracy (overall, multi-type, macro): 0.8868649885583523

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0676625823223106

Information Type Recall (positive class, multi-type, macro): 0.12701910957459792

Information Type F1 (positive class, multi-type, macro): 0.059811835781258045

Information Type Accuracy (overall, multi-type, macro): 0.8653576437587658

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.05604260407346875

Information Type Recall (positive class, multi-type, macro): 0.13031151254727388

Information Type F1 (positive class, multi-type, macro): 0.05233278640444064

Information Type Accuracy (overall, multi-type, macro): 0.8753732411161457

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.06591947249230064

Information Type Recall (positive class, multi-type, macro): 0.17442688037859452

Information Type F1 (positive class, multi-type, macro): 0.06315050297281194

Information Type Accuracy (overall, multi-type, macro): 0.8741134751773052

TREC-IS 2018 Notebook Evaluator v1.0
 Run: KDEIS1_CLSTM (KDEIS1_CLSTM.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784
Request-SearchAndRescue				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	0.99	0.93	0.96	19612
Request-InformationWanted	0.01	0.05	0.01	172
avg / total	0.98	0.92	0.95	19784
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784
CallToAction-Donations				
	precision	recall	f1-score	support
Other Classes	0.97	0.97	0.97	18980
CallToAction-Donations	0.32	0.36	0.34	804
avg / total	0.95	0.94	0.94	19784
CallToAction-MovePeople				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784
Report-FirstPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	0.93	0.85	15624
Report-ThirdPartyObservation	0.24	0.09	0.13	4160
avg / total	0.67	0.75	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18459
Report-Weather	0.24	0.02	0.03	1325
avg / total	0.89	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	0.95	0.96	19098
Report-EmergingThreats	0.03	0.04	0.04	686
avg / total	0.93	0.92	0.93	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	0.86	0.92	19369
Report-SignificantEventChange	0.02	0.11	0.03	415
avg / total	0.96	0.84	0.90	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.97	0.89	15810
Report-MultimediaShare	0.56	0.15	0.24	3974
avg / total	0.77	0.81	0.76	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.88	1.00	0.94	17401
Report-Factoid	0.16	0.00	0.01	2383

avg / total	0.79	0.88	0.82	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.07	0.03	0.04	403
avg / total	0.96	0.97	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.50	0.00	0.00	1351
avg / total	0.90	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.75	1.00	0.86	14913
Other-ContinuingNews	0.25	0.00	0.00	4871
avg / total	0.63	0.75	0.65	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.96	0.95	18575
Other-Advice	0.11	0.08	0.09	1209
avg / total	0.89	0.90	0.90	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.68	0.57	0.62	12832
Other-Sentiment	0.38	0.49	0.43	6952
avg / total	0.57	0.54	0.55	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.97	0.93	17724
Other-Discussion	0.19	0.07	0.10	2060
avg / total	0.83	0.87	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.87	0.99	0.93	17179
Other-Irrelevant	0.32	0.02	0.04	2605
avg / total	0.80	0.87	0.81	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19707
Other-Unknown	0.00	0.00	0.00	77
avg / total	0.99	1.00	0.99	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	18683
Other-KnownAlready	0.06	0.01	0.02	1101
avg / total	0.90	0.94	0.91	19784

TREC-IS 2018 Notebook Evaluator v1.0
Run: KDEIS2_ACBLSTM (KDEIS2_ACBLSTM.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1511744820299
7633
> Information Type Recall (positive class, multi-type, macro): 0.06887340371329417
> Information Type F1 (positive class, multi-type, macro): 0.07028011105951962
> Information Type Accuracy (overall, multi-type, macro): 0.8890153659522846

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.08416045481573717

EVALUATOR: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.20891946992864424
> Information Type Recall (any valid type, micro): 0.9734029921633817
> Information Type F1 (any valid type, micro): 0.34400570685241916
> Information Type Accuracy (any valid type, micro): 0.2098160129397493

TREC-IS 2018 Notebook Evaluator v1.0
Run: KDEIS2_ACBLSTM (KDEIS2_ACBLSTM.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0699523148750323
Information Type Recall (positive class, multi-type, macro): 0.11839279543540153
Information Type F1 (positive class, multi-type, macro): 0.051343846908747874
Information Type Accuracy (overall, multi-type, macro): 0.8710249307479225

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.06526011980329666
Information Type Recall (positive class, multi-type, macro): 0.16286911582968205
Information Type F1 (positive class, multi-type, macro): 0.06853540897690383
Information Type Accuracy (overall, multi-type, macro): 0.86493353028065

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.07698603234036304
Information Type Recall (positive class, multi-type, macro): 0.08775489639850542
Information Type F1 (positive class, multi-type, macro): 0.04260470462877136
Information Type Accuracy (overall, multi-type, macro): 0.8568224299065421

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.10508826093202624
Information Type Recall (positive class, multi-type, macro): 0.12968124911082657
Information Type F1 (positive class, multi-type, macro): 0.062026071442824814
Information Type Accuracy (overall, multi-type, macro): 0.8839871382636659

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.025963202196297
Information Type Recall (positive class, multi-type, macro): 0.11636947813318599
Information Type F1 (positive class, multi-type, macro): 0.03402656618437346
Information Type Accuracy (overall, multi-type, macro): 0.857030411449016

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.03533832837910888
Information Type Recall (positive class, multi-type, macro): 0.1799002574002574
Information Type F1 (positive class, multi-type, macro): 0.04157949433763365
Information Type Accuracy (overall, multi-type, macro): 0.8345454545454545

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.0300705352624676
Information Type Recall (positive class, multi-type, macro): 0.12071428571428572
Information Type F1 (positive class, multi-type, macro): 0.031005291005291005
Information Type Accuracy (overall, multi-type, macro): 0.9114563106796117

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.04951314540766874
Information Type Recall (positive class, multi-type, macro): 0.154020202020202
Information Type F1 (positive class, multi-type, macro): 0.055336847839477885
Information Type Accuracy (overall, multi-type, macro): 0.8604166666666668

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.10824488816103979
Information Type Recall (positive class, multi-type, macro): 0.1477804151915195
Information Type F1 (positive class, multi-type, macro): 0.06424585995083054
Information Type Accuracy (overall, multi-type, macro): 0.9106569343065692

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.056513237364668185
Information Type Recall (positive class, multi-type, macro): 0.13668273731351246
Information Type F1 (positive class, multi-type, macro): 0.06512783961917284

Information Type Accuracy (overall, multi-type, macro): 0.9094065590838102

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.07120099928070747

Information Type Recall (positive class, multi-type, macro): 0.11172861412834789

Information Type F1 (positive class, multi-type, macro): 0.050453162832254844

Information Type Accuracy (overall, multi-type, macro): 0.9047047434656341

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.07651157074983032

Information Type Recall (positive class, multi-type, macro): 0.13829090618202086

Information Type F1 (positive class, multi-type, macro): 0.06399790485213992

Information Type Accuracy (overall, multi-type, macro): 0.8802745995423341

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.062014854990531595

Information Type Recall (positive class, multi-type, macro): 0.18119363742324004

Information Type F1 (positive class, multi-type, macro): 0.0666430256117001

Information Type Accuracy (overall, multi-type, macro): 0.861654978962132

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.05979818141239031

Information Type Recall (positive class, multi-type, macro): 0.17886757727886216

Information Type F1 (positive class, multi-type, macro): 0.06414445555013001

Information Type Accuracy (overall, multi-type, macro): 0.8725685666587168

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.06278299529127893

Information Type Recall (positive class, multi-type, macro): 0.12239718900318662

Information Type F1 (positive class, multi-type, macro): 0.05168263120356444

Information Type Accuracy (overall, multi-type, macro): 0.8658865248226952

TREC-IS 2018 Notebook Evaluator v1.0
 Run: KDEIS2_ACBLSTM (KDEIS2_ACBLSTM.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784
Request-SearchAndRescue	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784
Request-InformationWanted	precision	recall	f1-score	support
Other Classes	0.99	0.96	0.97	19612
Request-InformationWanted	0.00	0.01	0.00	172
avg / total	0.98	0.95	0.97	19784
CallToAction-Volunteer	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784
CallToAction-Donations	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	18980
CallToAction-Donations	0.68	0.35	0.46	804
avg / total	0.96	0.97	0.96	19784
CallToAction-MovePeople	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784
Report-FirstPartyObservation	precision	recall	f1-score	support
Other Classes	0.81	0.99	0.89	15977

Report-FirstPartyObservation	0.17	0.00	0.01	3807
avg / total	0.69	0.80	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	0.92	0.85	15624
Report-ThirdPartyObservation	0.23	0.09	0.13	4160
avg / total	0.67	0.75	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.55	0.01	0.03	1325
avg / total	0.91	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	0.98	0.97	19098
Report-EmergingThreats	0.03	0.01	0.02	686
avg / total	0.93	0.95	0.94	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	0.77	0.86	19369
Report-SignificantEventChange	0.02	0.25	0.04	415
avg / total	0.96	0.75	0.84	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.97	0.89	15810
Report-MultimediaShare	0.56	0.15	0.24	3974
avg / total	0.77	0.81	0.76	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18708
Report-ServiceAvailable	0.06	0.02	0.03	1076
avg / total	0.90	0.93	0.91	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.88	0.96	0.92	17401
Report-Factoid	0.16	0.05	0.07	2383

avg / total	0.79	0.85	0.82	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.93	0.95	19381
Report-Official	0.08	0.31	0.13	403
avg / total	0.97	0.91	0.94	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.75	0.97	0.85	14913
Other-ContinuingNews	0.26	0.04	0.06	4871
avg / total	0.63	0.74	0.65	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.96	0.95	18575
Other-Advice	0.05	0.03	0.04	1209
avg / total	0.88	0.91	0.90	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.67	0.78	0.72	12832
Other-Sentiment	0.42	0.30	0.35	6952
avg / total	0.58	0.61	0.59	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.95	0.92	17724
Other-Discussion	0.13	0.06	0.08	2060
avg / total	0.82	0.86	0.84	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.87	0.99	0.93	17179
Other-Irrelevant	0.32	0.02	0.04	2605
avg / total	0.80	0.87	0.81	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19707
Other-Unknown	0.00	0.00	0.00	77
avg / total	0.99	1.00	0.99	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.94	0.96	0.95	18683
Other-KnownAlready	0.03	0.03	0.03	1101
avg / total	0.89	0.90	0.90	19784

TREC-IS 2018 Notebook Evaluator v1.0
Run: KDEIS3_ACSBLSTM (KDEIS3_ACSBLSTM.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1208648180323
4385
> Information Type Recall (positive class, multi-type, macro): 0.05770220129424826
> Information Type F1 (positive class, multi-type, macro): 0.04824673337988817
> Information Type Accuracy (overall, multi-type, macro): 0.8933097452486858

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.08416045481573717

EVALUATOR: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.2630479102956167
> Information Type Recall (any valid type, micro): 0.9787597193248625
> Information Type F1 (any valid type, micro): 0.4146547222110633
> Information Type Accuracy (any valid type, micro): 0.26349575414476345

TREC-IS 2018 Notebook Evaluator v1.0
Run: KDEIS3_ACSBLSTM (KDEIS3_ACSBLSTM.gz)

EVALUATOR: Information Type Categorization (Multi-type)
Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.05722369209281391
Information Type Recall (positive class, multi-type, macro): 0.10434173669467788
Information Type F1 (positive class, multi-type, macro): 0.053425693150834154
Information Type Accuracy (overall, multi-type, macro): 0.8946260387811635

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.07069432898021687
Information Type Recall (positive class, multi-type, macro): 0.09167728497917177
Information Type F1 (positive class, multi-type, macro): 0.07299897690602636
Information Type Accuracy (overall, multi-type, macro): 0.8980206794682423

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.06330876330876331
Information Type Recall (positive class, multi-type, macro): 0.06723076923076923
Information Type F1 (positive class, multi-type, macro): 0.05131257631257632
Information Type Accuracy (overall, multi-type, macro): 0.8687850467289719

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.04118963041342302
Information Type Recall (positive class, multi-type, macro): 0.06070261437908497
Information Type F1 (positive class, multi-type, macro): 0.041012658227848095
Information Type Accuracy (overall, multi-type, macro): 0.9145980707395499

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.040949900940072066
Information Type Recall (positive class, multi-type, macro): 0.07200728487716038
Information Type F1 (positive class, multi-type, macro): 0.01994872285227883
Information Type Accuracy (overall, multi-type, macro): 0.8552415026833632

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.05632982520683056
Information Type Recall (positive class, multi-type, macro): 0.1397142857142857
Information Type F1 (positive class, multi-type, macro): 0.06527132240469409
Information Type Accuracy (overall, multi-type, macro): 0.8875324675324676

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.055237475601821726
Information Type Recall (positive class, multi-type, macro): 0.06611111111111111
Information Type F1 (positive class, multi-type, macro): 0.035431061313414246
Information Type Accuracy (overall, multi-type, macro): 0.9269902912621358

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.05043071870658077
Information Type Recall (positive class, multi-type, macro): 0.07670588235294118
Information Type F1 (positive class, multi-type, macro): 0.055337995337995334
Information Type Accuracy (overall, multi-type, macro): 0.8870833333333333

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08714657013332511
Information Type Recall (positive class, multi-type, macro): 0.1286512465265547
Information Type F1 (positive class, multi-type, macro): 0.0640681131424075
Information Type Accuracy (overall, multi-type, macro): 0.9151338199513382

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.05683425548432933
Information Type Recall (positive class, multi-type, macro): 0.13328415968812637
Information Type F1 (positive class, multi-type, macro): 0.040456368475379555

Information Type Accuracy (overall, multi-type, macro): 0.9039406559083808

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.041343799550313844

Information Type Recall (positive class, multi-type, macro): 0.06097627833421191

Information Type F1 (positive class, multi-type, macro): 0.018843501278750615

Information Type Accuracy (overall, multi-type, macro): 0.8977734753146177

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09337142857142856

Information Type Recall (positive class, multi-type, macro): 0.14099955217196597

Information Type F1 (positive class, multi-type, macro): 0.07779054797332394

Information Type Accuracy (overall, multi-type, macro): 0.888329519450801

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.06344310846104569

Information Type Recall (positive class, multi-type, macro): 0.13855288613335628

Information Type F1 (positive class, multi-type, macro): 0.06455222584328837

Information Type Accuracy (overall, multi-type, macro): 0.8876858345021037

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.055628017394524984

Information Type Recall (positive class, multi-type, macro): 0.15274144973990572

Information Type F1 (positive class, multi-type, macro): 0.049367202001156275

Information Type Accuracy (overall, multi-type, macro): 0.8798759837824948

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.05660816441801479

Information Type Recall (positive class, multi-type, macro): 0.09575593775593776

Information Type F1 (positive class, multi-type, macro): 0.06645403255063362

Information Type Accuracy (overall, multi-type, macro): 0.9031914893617022

TREC-IS 2018 Notebook Evaluator v1.0
 Run: KDEIS3_ACSBLSTM (KDEIS3_ACSBLSTM.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784

Request-SearchAndRescue	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784

Request-InformationWanted	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.99	19784

CallToAction-Volunteer	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784

CallToAction-Donations	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	18980
CallToAction-Donations	0.69	0.35	0.46	804
avg / total	0.96	0.97	0.96	19784

CallToAction-MovePeople	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784

Report-FirstPartyObservation	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.00	0.00	0.00	4160
avg / total	0.62	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.57	0.01	0.03	1325
avg / total	0.91	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.00	0.00	0.00	686
avg / total	0.93	0.97	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.00	0.00	0.00	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.97	0.89	15810
Report-MultimediaShare	0.56	0.15	0.24	3974
avg / total	0.77	0.81	0.76	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.88	0.99	0.93	17401
Report-Factoid	0.15	0.01	0.02	2383

avg / total	0.79	0.87	0.82	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.07	0.03	0.04	403
avg / total	0.96	0.97	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.68	0.09	0.16	14913
Other-ContinuingNews	0.24	0.87	0.37	4871
avg / total	0.57	0.28	0.21	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.43	0.00	0.01	1209
avg / total	0.91	0.94	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.65	1.00	0.79	12832
Other-Sentiment	0.00	0.00	0.00	6952
avg / total	0.42	0.65	0.51	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	17724
Other-Discussion	0.00	0.00	0.00	2060
avg / total	0.80	0.90	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.87	0.99	0.93	17179
Other-Irrelevant	0.32	0.02	0.04	2605
avg / total	0.80	0.87	0.81	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19707
Other-Unknown	0.00	0.00	0.00	77
avg / total	0.99	1.00	0.99	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18683
Other-KnownAlready	0.00	0.00	0.00	1101
avg / total	0.89	0.94	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0
Run: KDEIS4_DM (KDEIS4_DM.gz)

EVALUATON: Information Type Categorization (Multi-type)
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1482659475493
7247
> Information Type Recall (positive class, multi-type, macro): 0.07081333809430561
> Information Type F1 (positive class, multi-type, macro): 0.07337088514754803
> Information Type Accuracy (overall, multi-type, macro): 0.9034957541447635

EVALUATON: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.08416045481573717

EVALUATON: Information Type Categorization (Any-type)
Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.39143730886850153
> Information Type Recall (any valid type, micro): 0.9856262833675564
> Information Type F1 (any valid type, micro): 0.5603385378666278
> Information Type Accuracy (any valid type, micro): 0.3908208653457339

TREC-IS 2018 Notebook Evaluator v1.0

Run: KDEIS4_DM (KDEIS4_DM.gz)

EVALUATOR: Information Type Categorization (Multi-type)Per Event Performance

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.05945844505771524
Information Type Recall (positive class, multi-type, macro): 0.12858682250650322
Information Type F1 (positive class, multi-type, macro): 0.06771650808007354
Information Type Accuracy (overall, multi-type, macro): 0.8901939058171746

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.0801973409327637
Information Type Recall (positive class, multi-type, macro): 0.1192931256379532
Information Type F1 (positive class, multi-type, macro): 0.08974355960589886
Information Type Accuracy (overall, multi-type, macro): 0.8927031019202364

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.07693428189656454
Information Type Recall (positive class, multi-type, macro): 0.10972359330254067
Information Type F1 (positive class, multi-type, macro): 0.08182816062439224
Information Type Accuracy (overall, multi-type, macro): 0.8816448598130842

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.06465101655203688
Information Type Recall (positive class, multi-type, macro): 0.08895867951700455
Information Type F1 (positive class, multi-type, macro): 0.06678809568422417
Information Type Accuracy (overall, multi-type, macro): 0.9161414790996784

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.04232017127584206
Information Type Recall (positive class, multi-type, macro): 0.09390772877590564
Information Type F1 (positive class, multi-type, macro): 0.029814529450650648
Information Type Accuracy (overall, multi-type, macro): 0.8568872987477636

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.07087304611368783
Information Type Recall (positive class, multi-type, macro): 0.16145432574298554
Information Type F1 (positive class, multi-type, macro): 0.08745012621058126
Information Type Accuracy (overall, multi-type, macro): 0.8807792207792207

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.10410447067571336
Information Type Recall (positive class, multi-type, macro): 0.08992063492063491
Information Type F1 (positive class, multi-type, macro): 0.05894094954964519
Information Type Accuracy (overall, multi-type, macro): 0.927766990291262

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.0547985347985348
Information Type Recall (positive class, multi-type, macro): 0.10029268292682927
Information Type F1 (positive class, multi-type, macro): 0.0681056721056721
Information Type Accuracy (overall, multi-type, macro): 0.8804166666666666

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08027477526153022
Information Type Recall (positive class, multi-type, macro): 0.1351732026143791
Information Type F1 (positive class, multi-type, macro): 0.06814916637260705
Information Type Accuracy (overall, multi-type, macro): 0.9137712895377129

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.07034386595299633
Information Type Recall (positive class, multi-type, macro): 0.162498898502392
Information Type F1 (positive class, multi-type, macro): 0.06564535693796997

Information Type Accuracy (overall, multi-type, macro): 0.9192243623112962

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.05558056962130279

Information Type Recall (positive class, multi-type, macro): 0.09743112328002607

Information Type F1 (positive class, multi-type, macro): 0.04265622673791695

Information Type Accuracy (overall, multi-type, macro): 0.9094675701839304

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09593510520487264

Information Type Recall (positive class, multi-type, macro): 0.1414336070060208

Information Type F1 (positive class, multi-type, macro): 0.08676877489711714

Information Type Accuracy (overall, multi-type, macro): 0.8912585812356979

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0682640054167741

Information Type Recall (positive class, multi-type, macro): 0.16238387714954094

Information Type F1 (positive class, multi-type, macro): 0.0805942806553288

Information Type Accuracy (overall, multi-type, macro): 0.8802805049088359

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.07835364893384099

Information Type Recall (positive class, multi-type, macro): 0.18384872696779528

Information Type F1 (positive class, multi-type, macro): 0.08161908484031669

Information Type Accuracy (overall, multi-type, macro): 0.89525399475316

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.06921634983682072

Information Type Recall (positive class, multi-type, macro): 0.11994111937884179

Information Type F1 (positive class, multi-type, macro): 0.08410271737894949

Information Type Accuracy (overall, multi-type, macro): 0.9017730496453902

TREC-IS 2018 Notebook Evaluator v1.0

Run: KDEIS4_DM (KDEIS4_DM.gz)

 EVALUATION: Information Type Categorization (Multi-type)
 Per Information Type Performance

Request-GoodsServices	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19658
Request-GoodsServices	0.00	0.00	0.00	126
avg / total	0.99	0.99	0.99	19784

Request-SearchAndRescue	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	19498
Request-SearchAndRescue	0.00	0.00	0.00	286
avg / total	0.97	0.99	0.98	19784

Request-InformationWanted	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.99	19784

CallToAction-Volunteer	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	19668
CallToAction-Volunteer	0.00	0.00	0.00	116
avg / total	0.99	0.99	0.99	19784

CallToAction-Donations	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	18980
CallToAction-Donations	0.69	0.35	0.46	804
avg / total	0.96	0.97	0.96	19784

CallToAction-MovePeople	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19757
CallToAction-MovePeople	0.00	0.00	0.00	27
avg / total	1.00	1.00	1.00	19784

Report-FirstPartyObservation	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	15977

Report-FirstPartyObservation	0.00	0.00	0.00	3807
avg / total	0.65	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.00	0.00	0.00	4160
avg / total	0.62	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.57	0.01	0.03	1325
avg / total	0.91	0.93	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.00	0.00	0.00	686
avg / total	0.93	0.97	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.00	0.00	0.00	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.82	0.97	0.89	15810
Report-MultimediaShare	0.56	0.15	0.24	3974
avg / total	0.77	0.81	0.76	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.00	0.00	0.00	1076
avg / total	0.89	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.88	0.99	0.93	17401
Report-Factoid	0.16	0.02	0.04	2383

avg / total	0.79	0.87	0.82	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.07	0.03	0.04	403
avg / total	0.96	0.97	0.97	19784
Report-CleanUp				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19722
Report-CleanUp	0.00	0.00	0.00	62
avg / total	0.99	1.00	1.00	19784
Report-Hashtags				
	precision	recall	f1-score	support
Other Classes	0.83	1.00	0.91	16421
Report-Hashtags	0.00	0.00	0.00	3363
avg / total	0.69	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.00	0.00	0.00	1351
avg / total	0.87	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.81	0.51	0.63	14913
Other-ContinuingNews	0.30	0.64	0.41	4871
avg / total	0.69	0.54	0.57	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.43	0.00	0.01	1209
avg / total	0.91	0.94	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.75	0.80	0.77	12832
Other-Sentiment	0.58	0.51	0.54	6952
avg / total	0.69	0.70	0.69	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	17724
Other-Discussion	0.00	0.00	0.00	2060
avg / total	0.80	0.90	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.87	0.99	0.93	17179
Other-Irrelevant	0.32	0.02	0.04	2605
avg / total	0.80	0.87	0.81	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19707
Other-Unknown	0.00	0.00	0.00	77
avg / total	0.99	1.00	0.99	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.94	0.95	0.94	18683
Other-KnownAlready	0.03	0.03	0.03	1101
avg / total	0.89	0.90	0.89	19784