

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE1 (UPB_DICE1.gz)

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

> Information Type Precision (positive class, multi-type, macro):	0.1827263165295
033	
> Information Type Recall (positive class, multi-type, macro):	0.0720707077416397
> Information Type F1 (positive class, multi-type, macro):	0.06354012358750018
> Information Type Accuracy (overall, multi-type, macro):	0.8905155681358675

EVALUATOR: Information Priority LevelOverall Performance

> Priority Estimation Error (mean squared error, macro):	0.09156597442313665
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EVALUATOR: Information Type Categorization (Any-type)Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro):	0.2713202006607121
> Information Type Recall (any valid type, micro):	0.5696121243257128
> Information Type F1 (any valid type, micro):	0.36756174374274825
> Information Type Accuracy (any valid type, micro):	0.22856854023453296

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Run: UPB_DICE1 (UPB_DICE1.gz)

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

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.04767355654657264
Information Type Recall (positive class, multi-type, macro): 0.16018732662518112
Information Type F1 (positive class, multi-type, macro): 0.03578655572469387
Information Type Accuracy (overall, multi-type, macro): 0.8705817174515234

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.05198539298935584
Information Type Recall (positive class, multi-type, macro): 0.13289340271948968
Information Type F1 (positive class, multi-type, macro): 0.056073476740985395
Information Type Accuracy (overall, multi-type, macro): 0.8802954209748893

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.06797953410633291
Information Type Recall (positive class, multi-type, macro): 0.12971154976827126
Information Type F1 (positive class, multi-type, macro): 0.03341959094251929
Information Type Accuracy (overall, multi-type, macro): 0.8611588785046728

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.039774482361674926
Information Type Recall (positive class, multi-type, macro): 0.08896400187003273
Information Type F1 (positive class, multi-type, macro): 0.03950395050101911
Information Type Accuracy (overall, multi-type, macro): 0.892475884244373

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.0362410231855099
Information Type Recall (positive class, multi-type, macro): 0.0613467406922849
Information Type F1 (positive class, multi-type, macro): 0.01518391897738101
Information Type Accuracy (overall, multi-type, macro): 0.850304114490161

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.04887098328274799
Information Type Recall (positive class, multi-type, macro): 0.17455726495726498
Information Type F1 (positive class, multi-type, macro): 0.06192468278384879
Information Type Accuracy (overall, multi-type, macro): 0.8766233766233766

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.07001580072497444
Information Type Recall (positive class, multi-type, macro): 0.09617571059431523
Information Type F1 (positive class, multi-type, macro): 0.036476321522761146
Information Type Accuracy (overall, multi-type, macro): 0.92

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.04585703951221193
Information Type Recall (positive class, multi-type, macro): 0.10523809523809524
Information Type F1 (positive class, multi-type, macro): 0.04529649571670422
Information Type Accuracy (overall, multi-type, macro): 0.8654166666666666

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.035254471004383864
Information Type Recall (positive class, multi-type, macro): 0.12878313467354563
Information Type F1 (positive class, multi-type, macro): 0.02541269250113725
Information Type Accuracy (overall, multi-type, macro): 0.905012165450122

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.07145902356146464
Information Type Recall (positive class, multi-type, macro): 0.14006693751567428
Information Type F1 (positive class, multi-type, macro): 0.059300537469306934

Information Type Accuracy (overall, multi-type, macro): 0.9083133784487246

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.053149676993682206

Information Type Recall (positive class, multi-type, macro): 0.06828972367825006

Information Type F1 (positive class, multi-type, macro): 0.03285304337519886

Information Type Accuracy (overall, multi-type, macro): 0.8982381413359148

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09440713145319296

Information Type Recall (positive class, multi-type, macro): 0.20106739423099332

Information Type F1 (positive class, multi-type, macro): 0.05909915948537331

Information Type Accuracy (overall, multi-type, macro): 0.8828375286041191

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.05811964771875214

Information Type Recall (positive class, multi-type, macro): 0.12885929007633523

Information Type F1 (positive class, multi-type, macro): 0.04500469532040989

Information Type Accuracy (overall, multi-type, macro): 0.8693969144460028

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.06738007065704164

Information Type Recall (positive class, multi-type, macro): 0.17732473468272175

Information Type F1 (positive class, multi-type, macro): 0.05925571234861665

Information Type Accuracy (overall, multi-type, macro): 0.8790746482232293

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.05303859458895592

Information Type Recall (positive class, multi-type, macro): 0.18939386700256267

Information Type F1 (positive class, multi-type, macro): 0.051748004281518545

Information Type Accuracy (overall, multi-type, macro): 0.8738297872340426

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE1 (UPB_DICE1.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	0.38	0.08	0.13	286
avg / total	0.98	0.98	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	0.96	1.00	0.98	18980
CallToAction-Donations	0.59	0.05	0.09	804
avg / total	0.95	0.96	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	0.28	0.00	0.01	3807
avg / total	0.71	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.21	0.00	0.00	4160
avg / total	0.67	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.97	18459
Report-Weather	0.53	0.03	0.06	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	0.05	0.00	0.01	686
avg / total	0.93	0.96	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.01	0.00	0.00	415
avg / total	0.96	0.97	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.80	0.98	0.88	15810
Report-MultimediaShare	0.30	0.04	0.07	3974
avg / total	0.70	0.79	0.72	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.16	0.01	0.02	1076
avg / total	0.90	0.94	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.89	0.79	0.84	17401
Report-Factoid	0.14	0.25	0.18	2383

avg / total	0.80	0.73	0.76	19784
Report-Official	precision	recall	f1-score	support
Other Classes	0.99	0.83	0.90	19381
Report-Official	0.05	0.41	0.09	403
avg / total	0.97	0.82	0.89	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	0.80	0.79	0.80	14913
Other-ContinuingNews	0.39	0.40	0.40	4871
avg / total	0.70	0.70	0.70	19784
Other-Advice	precision	recall	f1-score	support
Other Classes	0.94	0.97	0.95	18575
Other-Advice	0.12	0.07	0.09	1209
avg / total	0.89	0.91	0.90	19784
Other-Sentiment	precision	recall	f1-score	support
Other Classes	0.69	0.98	0.81	12832
Other-Sentiment	0.83	0.18	0.30	6952
avg / total	0.74	0.70	0.63	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.99	0.94	17724
Other-Discussion	0.14	0.01	0.02	2060
avg / total	0.82	0.89	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.87	0.98	0.92	17179
Other-Irrelevant	0.21	0.03	0.05	2605
avg / total	0.78	0.86	0.81	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.84	0.91	19707
Other-Unknown	0.00	0.18	0.01	77
avg / total	0.99	0.84	0.91	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18683
Other-KnownAlready	0.17	0.04	0.07	1101
avg / total	0.90	0.94	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE2 (UPB_DICE2.gz)

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

> Information Type Precision (positive class, multi-type, macro): 0.0874536362022
1566
> Information Type Recall (positive class, multi-type, macro): 0.04055664379416991
> Information Type F1 (positive class, multi-type, macro): 0.042088894231291606
> Information Type Accuracy (overall, multi-type, macro): 0.8906207035988678

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.09248322067069017

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

> Information Type Precision (any valid type, micro): 0.2347560975609756
> Information Type Recall (any valid type, micro): 0.8681959564541213
> Information Type F1 (any valid type, micro): 0.3695796094008606
> Information Type Accuracy (any valid type, micro): 0.229882733522038

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE2 (UPB_DICE2.gz)

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

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.036019239732640346
Information Type Recall (positive class, multi-type, macro): 0.08703466991732983
Information Type F1 (positive class, multi-type, macro): 0.03919538489566055
Information Type Accuracy (overall, multi-type, macro): 0.8853185595567866

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.05212903518852843
Information Type Recall (positive class, multi-type, macro): 0.10179632264805236
Information Type F1 (positive class, multi-type, macro): 0.043393869235572737
Information Type Accuracy (overall, multi-type, macro): 0.8827769571639585

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.03209297558969307
Information Type Recall (positive class, multi-type, macro): 0.11372018398752223
Information Type F1 (positive class, multi-type, macro): 0.033953972485898355
Information Type Accuracy (overall, multi-type, macro): 0.8659439252336447

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.03741244108472587
Information Type Recall (positive class, multi-type, macro): 0.06889299881405145
Information Type F1 (positive class, multi-type, macro): 0.0409471416397789
Information Type Accuracy (overall, multi-type, macro): 0.8976205787781352

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.03600478725188677
Information Type Recall (positive class, multi-type, macro): 0.10640718586588933
Information Type F1 (positive class, multi-type, macro): 0.02766633815587118
Information Type Accuracy (overall, multi-type, macro): 0.8575313059033988

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.04529296798013375
Information Type Recall (positive class, multi-type, macro): 0.10643494988356789
Information Type F1 (positive class, multi-type, macro): 0.05553247565442687
Information Type Accuracy (overall, multi-type, macro): 0.8740259740259744

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.03953961024878396
Information Type Recall (positive class, multi-type, macro): 0.06727272727272728
Information Type F1 (positive class, multi-type, macro): 0.03283297106081916
Information Type Accuracy (overall, multi-type, macro): 0.9207766990291261

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.03307471264367816
Information Type Recall (positive class, multi-type, macro): 0.11022222222222222
Information Type F1 (positive class, multi-type, macro): 0.03826621522395366
Information Type Accuracy (overall, multi-type, macro): 0.8670833333333334

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.02527621605767301
Information Type Recall (positive class, multi-type, macro): 0.038441558441558436
Information Type F1 (positive class, multi-type, macro): 0.01501766227904622
Information Type Accuracy (overall, multi-type, macro): 0.9044282238442821

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.04176801713978402
Information Type Recall (positive class, multi-type, macro): 0.06964233321243
Information Type F1 (positive class, multi-type, macro): 0.03636343181415689

Information Type Accuracy (overall, multi-type, macro): 0.90634565330557

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.03878441617679433

Information Type Recall (positive class, multi-type, macro): 0.07001149886806529

Information Type F1 (positive class, multi-type, macro): 0.033312007698902066

Information Type Accuracy (overall, multi-type, macro): 0.9001742497579864

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.07399159111811851

Information Type Recall (positive class, multi-type, macro): 0.04658752755287808

Information Type F1 (positive class, multi-type, macro): 0.033261545342504174

Information Type Accuracy (overall, multi-type, macro): 0.8802745995423339

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.04418644081346643

Information Type Recall (positive class, multi-type, macro): 0.07256753246753246

Information Type F1 (positive class, multi-type, macro): 0.04322548801509563

Information Type Accuracy (overall, multi-type, macro): 0.8737727910238428

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.040737862410943376

Information Type Recall (positive class, multi-type, macro): 0.09768104844795251

Information Type F1 (positive class, multi-type, macro): 0.04146672836178911

Information Type Accuracy (overall, multi-type, macro): 0.8743047937037919

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.045723625299238624

Information Type Recall (positive class, multi-type, macro): 0.07912617714121115

Information Type F1 (positive class, multi-type, macro): 0.05224145862153724

Information Type Accuracy (overall, multi-type, macro): 0.8863120567375887

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE2 (UPB_DICE2.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	0.99	19612
Request-InformationWanted	0.03	0.01	0.01	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	0.96	1.00	0.98	18980
CallToAction-Donations	0.05	0.00	0.00	804
avg / total	0.92	0.96	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	0.97	0.88	15977

Report-FirstPartyObservation	0.22	0.03	0.06	3807
avg / total	0.70	0.79	0.72	19784
Report-ThirdPartyObservation	precision	recall	f1-score	support
Other Classes	0.79	0.99	0.88	15624
Report-ThirdPartyObservation	0.24	0.01	0.02	4160
avg / total	0.67	0.79	0.70	19784
Report-Weather	precision	recall	f1-score	support
Other Classes	0.93	0.99	0.96	18459
Report-Weather	0.08	0.01	0.01	1325
avg / total	0.88	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	0.96	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	0.80	0.95	0.87	15810
Report-MultimediaShare	0.22	0.05	0.09	3974
avg / total	0.68	0.77	0.71	19784
Report-ServiceAvailable	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.08	0.00	0.01	1076
avg / total	0.90	0.94	0.92	19784
Report-Factoid	precision	recall	f1-score	support
Other Classes	0.88	0.93	0.90	17401
Report-Factoid	0.13	0.08	0.10	2383

avg / total	0.79	0.83	0.81	19784
Report-Official	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.00	0.00	0.00	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	0.14	0.00	0.00	3363
avg / total	0.71	0.83	0.75	19784
Other-PastNews	precision	recall	f1-score	support
Other Classes	0.93	0.98	0.95	18433
Other-PastNews	0.07	0.02	0.03	1351
avg / total	0.87	0.91	0.89	19784
Other-ContinuingNews	precision	recall	f1-score	support
Other Classes	0.76	0.50	0.60	14913
Other-ContinuingNews	0.25	0.50	0.33	4871
avg / total	0.63	0.50	0.54	19784
Other-Advice	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.04	0.00	0.00	1209
avg / total	0.88	0.94	0.91	19784
Other-Sentiment	precision	recall	f1-score	support
Other Classes	0.65	0.80	0.72	12832
Other-Sentiment	0.34	0.19	0.24	6952
avg / total	0.54	0.59	0.55	19784

Other-Discussion				
	precision	recall	f1-score	support
Other Classes	0.90	0.98	0.94	17724
Other-Discussion	0.11	0.02	0.04	2060
avg / total	0.81	0.88	0.84	19784

Other-Irrelevant				
	precision	recall	f1-score	support
Other Classes	0.87	0.97	0.91	17179
Other-Irrelevant	0.12	0.03	0.05	2605
avg / total	0.77	0.84	0.80	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	0.99	0.99	19784

Other-KnownAlready				
	precision	recall	f1-score	support
Other Classes	0.94	0.96	0.95	18683
Other-KnownAlready	0.07	0.05	0.06	1101
avg / total	0.90	0.91	0.90	19784

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE3 (UPB_DICE3.gz)

EVALUATOR: Information Type Categorization (Multi-type)

Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.0926431737861
26
> Information Type Recall (positive class, multi-type, macro): 0.040335750089637204
> Information Type F1 (positive class, multi-type, macro): 0.04185731815498186
> Information Type Accuracy (overall, multi-type, macro): 0.8866619490497372-----
EVALUATOR: Information Priority Level

Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.09421182335589134-----
EVALUATOR: Information Type Categorization (Any-type)

Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro): 0.1948622387861041
> Information Type Recall (any valid type, micro): 0.4156139105748758
> Information Type F1 (any valid type, micro): 0.2653255403017535
> Information Type Accuracy (any valid type, micro): 0.18039830165790538

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE3 (UPB_DICE3.gz)

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

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.04608749393942406
Information Type Recall (positive class, multi-type, macro): 0.12809185668855227
Information Type F1 (positive class, multi-type, macro): 0.03327289632714067
Information Type Accuracy (overall, multi-type, macro): 0.8735734072022161

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.03582867244435018
Information Type Recall (positive class, multi-type, macro): 0.07883626545918399
Information Type F1 (positive class, multi-type, macro): 0.04175864567508631
Information Type Accuracy (overall, multi-type, macro): 0.8747415066469719

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.03806766915866096
Information Type Recall (positive class, multi-type, macro): 0.10880011720689688
Information Type F1 (positive class, multi-type, macro): 0.04387010256946684
Information Type Accuracy (overall, multi-type, macro): 0.8677383177570094

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.039726879182339844
Information Type Recall (positive class, multi-type, macro): 0.06102371398391938
Information Type F1 (positive class, multi-type, macro): 0.03722584877808758
Information Type Accuracy (overall, multi-type, macro): 0.8839871382636655

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.04060745169130864
Information Type Recall (positive class, multi-type, macro): 0.10596540115010676
Information Type F1 (positive class, multi-type, macro): 0.033679256225737614
Information Type Accuracy (overall, multi-type, macro): 0.8575313059033991

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.04267452821530871
Information Type Recall (positive class, multi-type, macro): 0.14824242424242423
Information Type F1 (positive class, multi-type, macro): 0.05562716527732867
Information Type Accuracy (overall, multi-type, macro): 0.8625974025974026

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.026757753198872258
Information Type Recall (positive class, multi-type, macro): 0.03415873015873016
Information Type F1 (positive class, multi-type, macro): 0.029001303780964792
Information Type Accuracy (overall, multi-type, macro): 0.9207766990291265

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.03843476064165719
Information Type Recall (positive class, multi-type, macro): 0.09723076923076925
Information Type F1 (positive class, multi-type, macro): 0.04851608391608392
Information Type Accuracy (overall, multi-type, macro): 0.8662499999999999

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.022460532612501936
Information Type Recall (positive class, multi-type, macro): 0.02795768479212991
Information Type F1 (positive class, multi-type, macro): 0.023630521846033172
Information Type Accuracy (overall, multi-type, macro): 0.9083211678832117

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.040852266107632304
Information Type Recall (positive class, multi-type, macro): 0.08509208942989926
Information Type F1 (positive class, multi-type, macro): 0.03758029409068239

Information Type Accuracy (overall, multi-type, macro): 0.9039094221759502

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.03875883461242862

Information Type Recall (positive class, multi-type, macro): 0.0426535358331151

Information Type F1 (positive class, multi-type, macro): 0.03676752358358025

Information Type Accuracy (overall, multi-type, macro): 0.9002516940948692

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.028210624084592576

Information Type Recall (positive class, multi-type, macro): 0.0566451127819549

Information Type F1 (positive class, multi-type, macro): 0.01886744978983847

Information Type Accuracy (overall, multi-type, macro): 0.8747826086956522

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.04240017623558841

Information Type Recall (positive class, multi-type, macro): 0.10845398170734237

Information Type F1 (positive class, multi-type, macro): 0.04968751994422854

Information Type Accuracy (overall, multi-type, macro): 0.868162692847125

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.036457376272921185

Information Type Recall (positive class, multi-type, macro): 0.10790644508733972

Information Type F1 (positive class, multi-type, macro): 0.03565515231497561

Information Type Accuracy (overall, multi-type, macro): 0.8676079179585022

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.03458272336365968

Information Type Recall (positive class, multi-type, macro): 0.06589760620763817

Information Type F1 (positive class, multi-type, macro): 0.03977965765872755

Information Type Accuracy (overall, multi-type, macro): 0.8724113475177308

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE3 (UPB_DICE3.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	0.96	1.00	0.98	18980
CallToAction-Donations	0.04	0.00	0.00	804
avg / total	0.92	0.96	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	0.99	1.00	19784

Report-FirstPartyObservation

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

Report-FirstPartyObservation	0.28	0.01	0.01	3807
avg / total	0.71	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.20	0.00	0.00	4160
avg / total	0.67	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	0.99	0.96	18459
Report-Weather	0.10	0.02	0.03	1325
avg / total	0.88	0.92	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.06	0.01	0.01	686
avg / total	0.93	0.96	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.03	0.00	0.01	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.80	0.90	0.85	15810
Report-MultimediaShare	0.19	0.09	0.12	3974
avg / total	0.68	0.74	0.70	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.12	0.00	0.01	1076
avg / total	0.90	0.94	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.88	0.89	0.88	17401
Report-Factoid	0.13	0.12	0.12	2383

avg / total	0.79	0.80	0.79	19784
Report-Official	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.98	19381
Report-Official	0.01	0.01	0.01	403
avg / total	0.96	0.97	0.96	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	0.15	0.00	0.00	1351
avg / total	0.88	0.93	0.90	19784
Other-ContinuingNews	precision	recall	f1-score	support
Other Classes	0.75	0.72	0.74	14913
Other-ContinuingNews	0.24	0.27	0.25	4871
avg / total	0.63	0.61	0.62	19784
Other-Advice	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.13	0.01	0.01	1209
avg / total	0.89	0.94	0.91	19784
Other-Sentiment	precision	recall	f1-score	support
Other Classes	0.65	0.89	0.75	12832
Other-Sentiment	0.35	0.11	0.17	6952
avg / total	0.54	0.62	0.55	19784

Other-Discussion				
	precision	recall	f1-score	support
Other Classes	0.90	0.98	0.94	17724
Other-Discussion	0.09	0.02	0.03	2060
avg / total	0.81	0.88	0.84	19784

Other-Irrelevant				
	precision	recall	f1-score	support
Other Classes	0.87	0.76	0.81	17179
Other-Irrelevant	0.14	0.25	0.18	2605
avg / total	0.77	0.70	0.73	19784

Other-Unknown				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19707
Other-Unknown	0.01	0.01	0.01	77
avg / total	0.99	0.99	0.99	19784

Other-KnownAlready				
	precision	recall	f1-score	support
Other Classes	0.94	0.91	0.92	18683
Other-KnownAlready	0.05	0.09	0.06	1101
avg / total	0.89	0.86	0.88	19784

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE4 (UPB_DICE4.gz)

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

> Information Type Precision (positive class, multi-type, macro):	0.0758518939650
1775	
> Information Type Recall (positive class, multi-type, macro):	0.040281569370187106
> Information Type F1 (positive class, multi-type, macro):	0.04061128345946633
> Information Type Accuracy (overall, multi-type, macro):	0.8884775576223212

EVALUATON: Information Priority LevelOverall Performance

> Priority Estimation Error (mean squared error, macro):	0.08762531578364154
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EVALUATON: Information Type Categorization (Any-type)Overall Performance (Micro Average)

> Information Type Precision (any valid type, micro):	0.2155267592538788
> Information Type Recall (any valid type, micro):	0.6207531380753138
> Information Type F1 (any valid type, micro):	0.3199620427881298
> Information Type Accuracy (any valid type, micro):	0.2030934088152042

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE4 (UPB_DICE4.gz)

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

albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08638796284255676

Information Type Recall (positive class, multi-type, macro): 0.12847536317559202

Information Type F1 (positive class, multi-type, macro): 0.043003749852293625

Information Type Accuracy (overall, multi-type, macro): 0.8812188365650971

australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.043335250394799706

Information Type Recall (positive class, multi-type, macro): 0.15182809403414388

Information Type F1 (positive class, multi-type, macro): 0.05246265873284648

Information Type Accuracy (overall, multi-type, macro): 0.8818316100443133

bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.03648887586060731

Information Type Recall (positive class, multi-type, macro): 0.055620068067634455

Information Type F1 (positive class, multi-type, macro): 0.03732654211656084

Information Type Accuracy (overall, multi-type, macro): 0.8659439252336449

chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.034273974291146085

Information Type Recall (positive class, multi-type, macro): 0.052939773841182286

Information Type F1 (positive class, multi-type, macro): 0.036865834148368

Information Type Accuracy (overall, multi-type, macro): 0.892990353697749

flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.0379458691980508

Information Type Recall (positive class, multi-type, macro): 0.10717822336357331

Information Type F1 (positive class, multi-type, macro): 0.032252984237451106

Information Type Accuracy (overall, multi-type, macro): 0.8574597495527729

guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.033575858308478625

Information Type Recall (positive class, multi-type, macro): 0.11704761904761905

Information Type F1 (positive class, multi-type, macro): 0.046705099585906816

Information Type Accuracy (overall, multi-type, macro): 0.8667532467532466

italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.024857948384298414

Information Type Recall (positive class, multi-type, macro): 0.03244444444444444

Information Type F1 (positive class, multi-type, macro): 0.02105542544886807

Information Type Accuracy (overall, multi-type, macro): 0.9168932038834952

joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.04216546671719085

Information Type Recall (positive class, multi-type, macro): 0.09752669552669552

Information Type F1 (positive class, multi-type, macro): 0.05369796826107506

Information Type Accuracy (overall, multi-type, macro): 0.8712500000000003

manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.03254777011068402

Information Type Recall (positive class, multi-type, macro): 0.028276311502117953

Information Type F1 (positive class, multi-type, macro): 0.023653448944344575

Information Type Accuracy (overall, multi-type, macro): 0.90676399026764

nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.04274203352311184

Information Type Recall (positive class, multi-type, macro): 0.05943164004633794

Information Type F1 (positive class, multi-type, macro): 0.03549441187378015

Information Type Accuracy (overall, multi-type, macro): 0.9037844872462258

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.05271476251582878

Information Type Recall (positive class, multi-type, macro): 0.05603478803211387

Information Type F1 (positive class, multi-type, macro): 0.03570985725570743

Information Type Accuracy (overall, multi-type, macro): 0.9000968054211036

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.03970210409745294

Information Type Recall (positive class, multi-type, macro): 0.06265562844944288

Information Type F1 (positive class, multi-type, macro): 0.026568321723634884

Information Type Accuracy (overall, multi-type, macro): 0.8791762013729978

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.03777767285423354

Information Type Recall (positive class, multi-type, macro): 0.06158055212361489

Information Type F1 (positive class, multi-type, macro): 0.04433147877405566

Information Type Accuracy (overall, multi-type, macro): 0.8720897615708273

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.03927224947419876

Information Type Recall (positive class, multi-type, macro): 0.06944104736403543

Information Type F1 (positive class, multi-type, macro): 0.03911650468172596

Information Type Accuracy (overall, multi-type, macro): 0.8713474839017408

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.03622493436277254

Information Type Recall (positive class, multi-type, macro): 0.058933136885554266

Information Type F1 (positive class, multi-type, macro): 0.04368243139550617

Information Type Accuracy (overall, multi-type, macro): 0.8806382978723406

TREC-IS 2018 Notebook Evaluator v1.0

Run: UPB_DICE4 (UPB_DICE4.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	0.99	19612
Request-InformationWanted	0.00	0.00	0.00	172
avg / total	0.98	0.99	0.98	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	0.96	1.00	0.98	18980
CallToAction-Donations	0.00	0.00	0.00	804
avg / total	0.92	0.96	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	0.14	0.00	0.00	3807
avg / total	0.68	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.13	0.00	0.00	4160
avg / total	0.65	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.93	0.99	0.96	18459
Report-Weather	0.05	0.01	0.01	1325
avg / total	0.87	0.92	0.90	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.04	0.00	0.01	686
avg / total	0.93	0.96	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19369
Report-SignificantEventChange	0.05	0.01	0.01	415
avg / total	0.96	0.98	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.80	0.90	0.85	15810
Report-MultimediaShare	0.21	0.11	0.14	3974
avg / total	0.68	0.74	0.70	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	0.94	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.88	0.92	0.90	17401
Report-Factoid	0.12	0.08	0.10	2383

avg / total	0.79	0.82	0.80	19784
Report-Official	precision	recall	f1-score	support
Other Classes	0.98	0.98	0.98	19381
Report-Official	0.02	0.02	0.02	403
avg / total	0.96	0.96	0.96	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	0.15	0.00	0.00	1351
avg / total	0.88	0.93	0.90	19784
Other-ContinuingNews	precision	recall	f1-score	support
Other Classes	0.75	0.55	0.63	14913
Other-ContinuingNews	0.24	0.45	0.31	4871
avg / total	0.63	0.52	0.55	19784
Other-Advice	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	18575
Other-Advice	0.07	0.00	0.01	1209
avg / total	0.89	0.94	0.91	19784
Other-Sentiment	precision	recall	f1-score	support
Other Classes	0.65	0.90	0.76	12832
Other-Sentiment	0.37	0.11	0.17	6952
avg / total	0.55	0.62	0.55	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.98	0.94	17724
Other-Discussion	0.09	0.02	0.03	2060
avg / total	0.81	0.88	0.84	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.87	0.87	0.87	17179
Other-Irrelevant	0.12	0.12	0.12	2605
avg / total	0.77	0.77	0.77	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19707
Other-Unknown	0.01	0.01	0.01	77
avg / total	0.99	0.99	0.99	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.94	0.94	18683
Other-KnownAlready	0.07	0.07	0.07	1101
avg / total	0.90	0.89	0.89	19784