

TREC-IS 2018 Notebook Evaluator v1.0  
Run: cbnuC1 (cbnuC1.gz)

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EVALUATON: Information Type Categorization (Multi-type)  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.2391349004385  
1712  
> Information Type Recall (positive class, multi-type, macro): 0.10222228564718425  
> Information Type F1 (positive class, multi-type, macro): 0.11518223944839269  
> Information Type Accuracy (overall, multi-type, macro): 0.9005883542256372

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EVALUATON: Information Priority Level  
Overall Performance  
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> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

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EVALUATON: Information Type Categorization (Any-type)  
Overall Performance (Micro Average)  
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> Information Type Precision (any valid type, micro): 0.5055932064995509  
> Information Type Recall (any valid type, micro): 0.4797025100712736  
> Information Type F1 (any valid type, micro): 0.4923076923076923  
> Information Type Accuracy (any valid type, micro): 0.35447836635665186

TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuC1 (cbnuC1.gz)

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EVALUATOR: Information Type Categorization (Multi-type)Per Event Performance  
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## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08899461142148396

Information Type Recall (positive class, multi-type, macro): 0.13473369645152045

Information Type F1 (positive class, multi-type, macro): 0.07321224739190992

Information Type Accuracy (overall, multi-type, macro): 0.8849861495844875

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.0960141979652183

Information Type Recall (positive class, multi-type, macro): 0.17186439554965952

Information Type F1 (positive class, multi-type, macro): 0.10441043769536386

Information Type Accuracy (overall, multi-type, macro): 0.8800590841949778

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.08415684441375337

Information Type Recall (positive class, multi-type, macro): 0.18275569088944552

Information Type F1 (positive class, multi-type, macro): 0.10282385482526835

Information Type Accuracy (overall, multi-type, macro): 0.8859813084112151

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.10733099162063532

Information Type Recall (positive class, multi-type, macro): 0.1220310966311716

Information Type F1 (positive class, multi-type, macro): 0.06959534372237344

Information Type Accuracy (overall, multi-type, macro): 0.8863022508038584

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.057429178349383464

Information Type Recall (positive class, multi-type, macro): 0.1293732814638267

Information Type F1 (positive class, multi-type, macro): 0.05295523828062767

Information Type Accuracy (overall, multi-type, macro): 0.86304114490161

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.10089446276612052

Information Type Recall (positive class, multi-type, macro): 0.19288423404552435

Information Type F1 (positive class, multi-type, macro): 0.1221721358630414

Information Type Accuracy (overall, multi-type, macro): 0.8797402597402598

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.11858165256994145

Information Type Recall (positive class, multi-type, macro): 0.09666977466977468

Information Type F1 (positive class, multi-type, macro): 0.0729408082481819

Information Type Accuracy (overall, multi-type, macro): 0.9277669902912622

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.11444051925086407

Information Type Recall (positive class, multi-type, macro): 0.1585072463768116

Information Type F1 (positive class, multi-type, macro): 0.09779848909260674

Information Type Accuracy (overall, multi-type, macro): 0.87375

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.09547628682195412

Information Type Recall (positive class, multi-type, macro): 0.14303603294440634

Information Type F1 (positive class, multi-type, macro): 0.10425009494084357

Information Type Accuracy (overall, multi-type, macro): 0.9194160583941609

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.08458477829859101

Information Type Recall (positive class, multi-type, macro): 0.1999662554417538

Information Type F1 (positive class, multi-type, macro): 0.0926265494437254

Information Type Accuracy (overall, multi-type, macro): 0.9182352941176469

**parisAttacks2015**

Information Type Precision (positive class, multi-type, macro): 0.07113771187957373

Information Type Recall (positive class, multi-type, macro): 0.07940388291440127

Information Type F1 (positive class, multi-type, macro): 0.07133776395864495

Information Type Accuracy (overall, multi-type, macro): 0.9124878993223622

**philipponesFloods2012**

Information Type Precision (positive class, multi-type, macro): 0.08669302325581395

Information Type Recall (positive class, multi-type, macro): 0.10038059138410327

Information Type F1 (positive class, multi-type, macro): 0.06906026711691834

Information Type Accuracy (overall, multi-type, macro): 0.8892448512585814

**queenslandFloods2013**

Information Type Precision (positive class, multi-type, macro): 0.10743468705032168

Information Type Recall (positive class, multi-type, macro): 0.22355652085644975

Information Type F1 (positive class, multi-type, macro): 0.13461269277830173

Information Type Accuracy (overall, multi-type, macro): 0.88398316970547

**typhoonHagupit2014**

Information Type Precision (positive class, multi-type, macro): 0.12514019891221773

Information Type Recall (positive class, multi-type, macro): 0.26987209144330804

Information Type F1 (positive class, multi-type, macro): 0.11603855030068981

Information Type Accuracy (overall, multi-type, macro): 0.8858860004769853

**typhoonYolanda2013**

Information Type Precision (positive class, multi-type, macro): 0.08331427657705451

Information Type Recall (positive class, multi-type, macro): 0.18901534997796682

Information Type F1 (positive class, multi-type, macro): 0.10622552133507669

Information Type Accuracy (overall, multi-type, macro): 0.8880141843971633

TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuC1 (cbnuC1.gz)

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 EVALUATION: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
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## 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	0.25	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	0.98	0.99	0.98	18980
CallToAction-Donations	0.64	0.43	0.52	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	0.23	0.11	0.15	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

## cbnuC1.results.pertopic.txt

Report-FirstPartyObservation	0.12	0.00	0.00	3807
avg / total	0.67	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.50	0.00	0.00	4160
avg / total	0.73	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	18459
Report-Weather	0.60	0.11	0.18	1325
avg / total	0.92	0.94	0.91	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.05	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	0.02	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	0.92	0.87	15810
Report-MultimediaShare	0.40	0.22	0.28	3974
avg / total	0.74	0.78	0.75	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.61	0.03	0.07	1076
avg / total	0.93	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.89	0.97	0.93	17401
Report-Factoid	0.38	0.14	0.21	2383

avg / total	0.83	0.87	0.84	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.20	0.09	0.13	403
avg / total	0.97	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	0.79	0.90	0.84	14913
Other-ContinuingNews	0.46	0.26	0.33	4871
avg / total	0.71	0.74	0.71	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.96	18575
Other-Advice	0.23	0.05	0.08	1209
avg / total	0.90	0.93	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.74	0.89	0.81	12832
Other-Sentiment	0.68	0.42	0.52	6952
avg / total	0.72	0.73	0.71	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.99	0.94	17724
Other-Discussion	0.21	0.03	0.06	2060
avg / total	0.83	0.89	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.88	0.75	0.81	17179
Other-Irrelevant	0.16	0.31	0.21	2605
avg / total	0.78	0.70	0.73	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.87	0.93	19707
Other-Unknown	0.01	0.26	0.02	77
avg / total	0.99	0.87	0.93	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18683
Other-KnownAlready	0.24	0.08	0.12	1101
avg / total	0.91	0.94	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0  
Run: cbnuC2 (cbnuC2.gz)

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EVALUATOR: Information Type Categorization (Multi-type)  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.2313108596856  
37  
> Information Type Recall (positive class, multi-type, macro): 0.10248477393413236  
> Information Type F1 (positive class, multi-type, macro): 0.11639812434432795  
> Information Type Accuracy (overall, multi-type, macro): 0.9033744439951477

-----  
EVALUATOR: Information Priority Level  
Overall Performance  
-----

> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

-----  
EVALUATOR: Information Type Categorization (Any-type)  
Overall Performance (Micro Average)  
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> Information Type Precision (any valid type, micro): 0.5319789896493126  
> Information Type Recall (any valid type, micro): 0.5334624322230829  
> Information Type F1 (any valid type, micro): 0.5327196782178217  
> Information Type Accuracy (any valid type, micro): 0.3893044884755358



TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuC2 (cbnuC2.gz)

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

## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.09126623394574367  
Information Type Recall (positive class, multi-type, macro): 0.15447448281278528  
Information Type F1 (positive class, multi-type, macro): 0.07199145639796861  
Information Type Accuracy (overall, multi-type, macro): 0.8848753462603878

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.0959249256522754  
Information Type Recall (positive class, multi-type, macro): 0.1682754488607552  
Information Type F1 (positive class, multi-type, macro): 0.10656349180390196  
Information Type Accuracy (overall, multi-type, macro): 0.8820679468242247

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.08909504764785785  
Information Type Recall (positive class, multi-type, macro): 0.162201324935282  
Information Type F1 (positive class, multi-type, macro): 0.10823859116914783  
Information Type Accuracy (overall, multi-type, macro): 0.8883738317757008

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.09753741360164728  
Information Type Recall (positive class, multi-type, macro): 0.11488185235000566  
Information Type F1 (positive class, multi-type, macro): 0.06886540963810593  
Information Type Accuracy (overall, multi-type, macro): 0.8950482315112541

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.06096886814020434  
Information Type Recall (positive class, multi-type, macro): 0.11702612377650892  
Information Type F1 (positive class, multi-type, macro): 0.05432940245782244  
Information Type Accuracy (overall, multi-type, macro): 0.8618246869409658

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.09361605285402076  
Information Type Recall (positive class, multi-type, macro): 0.1999138289353561  
Information Type F1 (positive class, multi-type, macro): 0.11582187893223546  
Information Type Accuracy (overall, multi-type, macro): 0.8823376623376624

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.1099129411035722  
Information Type Recall (positive class, multi-type, macro): 0.09509712722298219  
Information Type F1 (positive class, multi-type, macro): 0.07762393162393162  
Information Type Accuracy (overall, multi-type, macro): 0.9339805825242717

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.08336909067943551  
Information Type Recall (positive class, multi-type, macro): 0.11866666666666667  
Information Type F1 (positive class, multi-type, macro): 0.08482829422003389  
Information Type Accuracy (overall, multi-type, macro): 0.8720833333333334

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.10698192857063545  
Information Type Recall (positive class, multi-type, macro): 0.14032247510317047  
Information Type F1 (positive class, multi-type, macro): 0.1163596341747602  
Information Type Accuracy (overall, multi-type, macro): 0.92330900243309

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.0942885296893038  
Information Type Recall (positive class, multi-type, macro): 0.20283613584035554  
Information Type F1 (positive class, multi-type, macro): 0.10173218269386011

Information Type Accuracy (overall, multi-type, macro): 0.921317022384175

## parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.07789792557020032

Information Type Recall (positive class, multi-type, macro): 0.10349131797823134

Information Type F1 (positive class, multi-type, macro): 0.07839380969185264

Information Type Accuracy (overall, multi-type, macro): 0.9153146176185868

## philipponesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09471832873472608

Information Type Recall (positive class, multi-type, macro): 0.13129774244321152

Information Type F1 (positive class, multi-type, macro): 0.08109622626555721

Information Type Accuracy (overall, multi-type, macro): 0.8910755148741417

## queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.10033802260277294

Information Type Recall (positive class, multi-type, macro): 0.18022139680969565

Information Type F1 (positive class, multi-type, macro): 0.11995368985668142

Information Type Accuracy (overall, multi-type, macro): 0.8842075736325385

## typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.10146562815315036

Information Type Recall (positive class, multi-type, macro): 0.28989734052352406

Information Type F1 (positive class, multi-type, macro): 0.11748294575494161

Information Type Accuracy (overall, multi-type, macro): 0.8901025518721678

## typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.08753399919978223

Information Type Recall (positive class, multi-type, macro): 0.21080301792510703

Information Type F1 (positive class, multi-type, macro): 0.1105493533058001

Information Type Accuracy (overall, multi-type, macro): 0.8890070921985818

TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuC2 (cbnuC2.gz)

-----  
 EVALUATION: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
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## 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	0.98	0.99	0.98	18980
CallToAction-Donations	0.62	0.46	0.53	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	0.05	0.04	0.04	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

## cbnuC2.results.pertopic.txt

Report-FirstPartyObservation	0.47	0.00	0.00	3807
avg / total	0.74	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.25	0.00	0.00	4160
avg / total	0.68	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	18459
Report-Weather	0.62	0.15	0.24	1325
avg / total	0.92	0.94	0.92	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	19098
Report-EmergingThreats	0.07	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	0.83	0.93	0.88	15810
Report-MultimediaShare	0.48	0.26	0.34	3974
avg / total	0.76	0.79	0.77	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	18708
Report-ServiceAvailable	0.57	0.03	0.06	1076
avg / total	0.93	0.95	0.92	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.89	0.97	0.93	17401
Report-Factoid	0.40	0.14	0.21	2383

avg / total	0.83	0.87	0.84	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.18	0.07	0.10	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	0.79	0.91	0.85	14913
Other-ContinuingNews	0.50	0.28	0.36	4871
avg / total	0.72	0.75	0.73	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	18575
Other-Advice	0.27	0.06	0.09	1209
avg / total	0.90	0.93	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.75	0.86	0.80	12832
Other-Sentiment	0.64	0.48	0.55	6952
avg / total	0.71	0.72	0.71	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.99	0.94	17724
Other-Discussion	0.20	0.02	0.04	2060
avg / total	0.82	0.89	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.88	0.77	0.82	17179
Other-Irrelevant	0.17	0.31	0.22	2605
avg / total	0.79	0.71	0.74	19784

Other-Unknown	precision	recall	f1-score	support
Other Classes	1.00	0.90	0.94	19707
Other-Unknown	0.01	0.19	0.01	77
avg / total	0.99	0.90	0.94	19784

Other-KnownAlready	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18683
Other-KnownAlready	0.26	0.07	0.11	1101
avg / total	0.91	0.94	0.92	19784

TREC-IS 2018 Notebook Evaluator v1.0  
Run: cbnuS1 (cbnuS1.gz)

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

-----  
> Information Type Precision (positive class, multi-type, macro): 0.2186984130151  
461  
> Information Type Recall (positive class, multi-type, macro): 0.11639378523050117  
> Information Type F1 (positive class, multi-type, macro): 0.1253498891849283  
> Information Type Accuracy (overall, multi-type, macro): 0.9047452486858066

-----  
EVALUATOR: Information Priority Level  
Overall Performance

-----  
> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

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

-----  
> Information Type Precision (any valid type, micro): 0.44717117988394584  
> Information Type Recall (any valid type, micro): 0.7401700850425212  
> Information Type F1 (any valid type, micro): 0.5575191228004069  
> Information Type Accuracy (any valid type, micro): 0.4064395471087748

TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuS1 (cbnuS1.gz)

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

## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08805273084275451  
Information Type Recall (positive class, multi-type, macro): 0.15374151557878998  
Information Type F1 (positive class, multi-type, macro): 0.08043875532339718  
Information Type Accuracy (overall, multi-type, macro): 0.8874238227146813

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.10444468317726516  
Information Type Recall (positive class, multi-type, macro): 0.1621244211028789  
Information Type F1 (positive class, multi-type, macro): 0.1048352578719644  
Information Type Accuracy (overall, multi-type, macro): 0.8863220088626292

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.10293751808481648  
Information Type Recall (positive class, multi-type, macro): 0.12593313134858453  
Information Type F1 (positive class, multi-type, macro): 0.10801139902487428  
Information Type Accuracy (overall, multi-type, macro): 0.8891214953271026

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.09023448468320622  
Information Type Recall (positive class, multi-type, macro): 0.11920774440044216  
Information Type F1 (positive class, multi-type, macro): 0.06361566897484551  
Information Type Accuracy (overall, multi-type, macro): 0.88475884244373

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.07339990322786902  
Information Type Recall (positive class, multi-type, macro): 0.13847111099724704  
Information Type F1 (positive class, multi-type, macro): 0.06695217306120547  
Information Type Accuracy (overall, multi-type, macro): 0.8659033989266548

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.11476293868005097  
Information Type Recall (positive class, multi-type, macro): 0.2153450896929158  
Information Type F1 (positive class, multi-type, macro): 0.12437909016182569  
Information Type Accuracy (overall, multi-type, macro): 0.8781818181818184

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.1281420206338879  
Information Type Recall (positive class, multi-type, macro): 0.13155162064825932  
Information Type F1 (positive class, multi-type, macro): 0.08586137808288839  
Information Type Accuracy (overall, multi-type, macro): 0.9285436893203883

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.08790526714664645  
Information Type Recall (positive class, multi-type, macro): 0.16064069264069264  
Information Type F1 (positive class, multi-type, macro): 0.09765272154745841  
Information Type Accuracy (overall, multi-type, macro): 0.8787499999999999

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.11069920872403254  
Information Type Recall (positive class, multi-type, macro): 0.14674812576593255  
Information Type F1 (positive class, multi-type, macro): 0.10877161651669512  
Information Type Accuracy (overall, multi-type, macro): 0.9211678832116788

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.10629890827783987  
Information Type Recall (positive class, multi-type, macro): 0.16441775719165644  
Information Type F1 (positive class, multi-type, macro): 0.10891283464625806



Information Type Accuracy (overall, multi-type, macro): 0.9220041644976572

**parisAttacks2015**

Information Type Precision (positive class, multi-type, macro): 0.09500071928743313

Information Type Recall (positive class, multi-type, macro): 0.1427889972612665

Information Type F1 (positive class, multi-type, macro): 0.08487769406908545

Information Type Accuracy (overall, multi-type, macro): 0.9136108422071635

**philippinesFloods2012**

Information Type Precision (positive class, multi-type, macro): 0.1156196595153631

Information Type Recall (positive class, multi-type, macro): 0.11247122325262633

Information Type F1 (positive class, multi-type, macro): 0.0733719566998899

Information Type Accuracy (overall, multi-type, macro): 0.8938215102974829

**queenslandFloods2013**

Information Type Precision (positive class, multi-type, macro): 0.1256259751847675

Information Type Recall (positive class, multi-type, macro): 0.18246464156880335

Information Type F1 (positive class, multi-type, macro): 0.12723237108163932

Information Type Accuracy (overall, multi-type, macro): 0.8823001402524544

**typhoonHagupit2014**

Information Type Precision (positive class, multi-type, macro): 0.12239916696586475

Information Type Recall (positive class, multi-type, macro): 0.25891399516132646

Information Type F1 (positive class, multi-type, macro): 0.12515573131355573

Information Type Accuracy (overall, multi-type, macro): 0.8945289768662055

**typhoonYolanda2013**

Information Type Precision (positive class, multi-type, macro): 0.0930309352719923

Information Type Recall (positive class, multi-type, macro): 0.1631979465572143

Information Type F1 (positive class, multi-type, macro): 0.1123251225276055

Information Type Accuracy (overall, multi-type, macro): 0.8924113475177307

TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuS1 (cbnuS1.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	0.05	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	0.98	0.96	0.97	18980
CallToAction-Donations	0.38	0.58	0.46	804
avg / total	0.96	0.94	0.95	19784

## CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	0.99	1.00	19757
CallToAction-MovePeople	0.06	0.26	0.10	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

**cbnuS1.results.pertopic.txt**

Report-FirstPartyObservation	0.31	0.01	0.02	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	0.25	0.00	0.00	4160
avg / total	0.68	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	18459
Report-Weather	0.51	0.17	0.25	1325
avg / total	0.91	0.93	0.92	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	19098
Report-EmergingThreats	0.06	0.01	0.02	686
avg / total	0.93	0.96	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.98	19369
Report-SignificantEventChange	0.03	0.01	0.02	415
avg / total	0.96	0.97	0.96	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.83	0.91	0.87	15810
Report-MultimediaShare	0.41	0.25	0.32	3974
avg / total	0.75	0.78	0.76	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18708
Report-ServiceAvailable	0.39	0.09	0.15	1076
avg / total	0.92	0.94	0.93	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.90	0.96	0.93	17401
Report-Factoid	0.40	0.18	0.25	2383

avg / total	0.84	0.87	0.85	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19381
Report-Official	0.14	0.04	0.07	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	0.59	0.01	0.01	1351
avg / total	0.91	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.80	0.83	0.81	14913
Other-ContinuingNews	0.40	0.35	0.37	4871
avg / total	0.70	0.71	0.70	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.97	0.96	18575
Other-Advice	0.17	0.10	0.13	1209
avg / total	0.90	0.92	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.75	0.91	0.82	12832
Other-Sentiment	0.73	0.44	0.55	6952
avg / total	0.74	0.75	0.73	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.98	0.94	17724
Other-Discussion	0.25	0.04	0.07	2060
avg / total	0.83	0.89	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.88	0.85	0.87	17179
Other-Irrelevant	0.20	0.25	0.22	2605
avg / total	0.79	0.77	0.78	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	0.95	0.96	0.95	18683
Other-KnownAlready	0.13	0.10	0.12	1101
avg / total	0.90	0.91	0.91	19784

TREC-IS 2018 Notebook Evaluator v1.0  
Run: cbnuS2 (cbnuS2.gz)

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

> Information Type Precision (positive class, multi-type, macro): 0.2665577816149  
975  
> Information Type Recall (positive class, multi-type, macro): 0.11220579661255364  
> Information Type F1 (positive class, multi-type, macro): 0.12616386529096313  
> Information Type Accuracy (overall, multi-type, macro): 0.9059300444803883

-----  
EVALUATON: Information Priority Level  
Overall Performance  
-----

> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

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

> Information Type Precision (any valid type, micro): 0.4558996702779086  
> Information Type Recall (any valid type, micro): 0.7780345659163987  
> Information Type F1 (any valid type, micro): 0.574918324918325  
> Information Type Accuracy (any valid type, micro): 0.42124949454104327

TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuS2 (cbnuS2.gz)

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

## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.09723317972756437  
Information Type Recall (positive class, multi-type, macro): 0.1463860425514446  
Information Type F1 (positive class, multi-type, macro): 0.07787619668587056  
Information Type Accuracy (overall, multi-type, macro): 0.8874238227146816

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.10871625613904104  
Information Type Recall (positive class, multi-type, macro): 0.16589978870372163  
Information Type F1 (positive class, multi-type, macro): 0.10619324358523712  
Information Type Accuracy (overall, multi-type, macro): 0.886440177252585

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.09094643942933381  
Information Type Recall (positive class, multi-type, macro): 0.12883409872754178  
Information Type F1 (positive class, multi-type, macro): 0.10137331589501354  
Information Type Accuracy (overall, multi-type, macro): 0.8886728971962614

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.08855089127354836  
Information Type Recall (positive class, multi-type, macro): 0.11829213271883887  
Information Type F1 (positive class, multi-type, macro): 0.06418718806071602  
Information Type Accuracy (overall, multi-type, macro): 0.8852733118971061

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.06370376947577774  
Information Type Recall (positive class, multi-type, macro): 0.17095201566195065  
Information Type F1 (positive class, multi-type, macro): 0.0657434916182179  
Information Type Accuracy (overall, multi-type, macro): 0.8716994633273701

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.07770631594161007  
Information Type Recall (positive class, multi-type, macro): 0.17852258852258854  
Information Type F1 (positive class, multi-type, macro): 0.09427491506955597  
Information Type Accuracy (overall, multi-type, macro): 0.8781818181818182

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.11290392539579265  
Information Type Recall (positive class, multi-type, macro): 0.1196734693877551  
Information Type F1 (positive class, multi-type, macro): 0.07153936384701032  
Information Type Accuracy (overall, multi-type, macro): 0.9254368932038833

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.09757889574928115  
Information Type Recall (positive class, multi-type, macro): 0.24607161125319696  
Information Type F1 (positive class, multi-type, macro): 0.11038412698412697  
Information Type Accuracy (overall, multi-type, macro): 0.8829166666666667

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.10451633824646007  
Information Type Recall (positive class, multi-type, macro): 0.14908216849501832  
Information Type F1 (positive class, multi-type, macro): 0.10122731443597792  
Information Type Accuracy (overall, multi-type, macro): 0.9196107055961069

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.114246922598022  
Information Type Recall (positive class, multi-type, macro): 0.18184672957893874  
Information Type F1 (positive class, multi-type, macro): 0.11469337877754461

Information Type Accuracy (overall, multi-type, macro): 0.9232014575741802

## parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.0994258690683376

Information Type Recall (positive class, multi-type, macro): 0.10252030719090895

Information Type F1 (positive class, multi-type, macro): 0.08443512722972969

Information Type Accuracy (overall, multi-type, macro): 0.9145401742497578

## philippinesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.09798737541528241

Information Type Recall (positive class, multi-type, macro): 0.08135977616226855

Information Type F1 (positive class, multi-type, macro): 0.0752725003729883

Information Type Accuracy (overall, multi-type, macro): 0.8914416475972541

## queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.11467528033396553

Information Type Recall (positive class, multi-type, macro): 0.18212888400712546

Information Type F1 (positive class, multi-type, macro): 0.12336558842303495

Information Type Accuracy (overall, multi-type, macro): 0.8837587657784011

## typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.12125205425124955

Information Type Recall (positive class, multi-type, macro): 0.2813052207929974

Information Type F1 (positive class, multi-type, macro): 0.13297258132244885

Information Type Accuracy (overall, multi-type, macro): 0.895921774385881

## typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.10211005340175586

Information Type Recall (positive class, multi-type, macro): 0.1860840873740448

Information Type F1 (positive class, multi-type, macro): 0.12466070077212497

Information Type Accuracy (overall, multi-type, macro): 0.893404255319149



TREC-IS 2018 Notebook Evaluator v1.0

Run: cbnuS2 (cbnuS2.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	0.17	0.01	0.02	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	0.98	0.98	0.98	18980
CallToAction-Donations	0.48	0.47	0.47	804
avg / total	0.96	0.96	0.96	19784

## CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	0.99	1.00	19757
CallToAction-MovePeople	0.05	0.19	0.07	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

## cbnuS2.results.pertopic.txt

Report-FirstPartyObservation	0.37	0.01	0.01	3807
avg / total	0.72	0.81	0.72	19784
Report-ThirdPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.79	1.00	0.88	15624
Report-ThirdPartyObservation	0.30	0.00	0.00	4160
avg / total	0.69	0.79	0.70	19784
Report-Weather				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	18459
Report-Weather	0.53	0.17	0.25	1325
avg / total	0.92	0.93	0.92	19784
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	19098
Report-EmergingThreats	0.07	0.02	0.03	686
avg / total	0.93	0.96	0.95	19784
Report-SignificantEventChange				
	precision	recall	f1-score	support
Other Classes	0.98	0.99	0.99	19369
Report-SignificantEventChange	0.02	0.01	0.01	415
avg / total	0.96	0.97	0.97	19784
Report-MultimediaShare				
	precision	recall	f1-score	support
Other Classes	0.86	0.83	0.84	15810
Report-MultimediaShare	0.40	0.46	0.43	3974
avg / total	0.77	0.76	0.76	19784
Report-ServiceAvailable				
	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	18708
Report-ServiceAvailable	0.37	0.09	0.15	1076
avg / total	0.92	0.94	0.93	19784
Report-Factoid				
	precision	recall	f1-score	support
Other Classes	0.90	0.96	0.93	17401
Report-Factoid	0.38	0.18	0.25	2383

avg / total	0.83	0.87	0.84	19784
Report-Official				
	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	19381
Report-Official	0.18	0.05	0.08	403
avg / total	0.96	0.98	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	1.00	0.00	0.00	3363
avg / total	0.86	0.83	0.75	19784
Other-PastNews				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	18433
Other-PastNews	0.45	0.00	0.01	1351
avg / total	0.90	0.93	0.90	19784
Other-ContinuingNews				
	precision	recall	f1-score	support
Other Classes	0.79	0.86	0.83	14913
Other-ContinuingNews	0.43	0.31	0.36	4871
avg / total	0.70	0.73	0.71	19784
Other-Advice				
	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.96	18575
Other-Advice	0.18	0.05	0.08	1209
avg / total	0.89	0.93	0.91	19784
Other-Sentiment				
	precision	recall	f1-score	support
Other Classes	0.74	0.91	0.82	12832
Other-Sentiment	0.72	0.42	0.53	6952
avg / total	0.74	0.74	0.72	19784

Other-Discussion	precision	recall	f1-score	support
Other Classes	0.90	0.98	0.94	17724
Other-Discussion	0.23	0.04	0.07	2060
avg / total	0.83	0.89	0.85	19784

Other-Irrelevant	precision	recall	f1-score	support
Other Classes	0.88	0.87	0.88	17179
Other-Irrelevant	0.21	0.23	0.22	2605
avg / total	0.79	0.79	0.79	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	0.95	0.96	0.95	18683
Other-KnownAlready	0.13	0.10	0.11	1101
avg / total	0.90	0.91	0.91	19784