TREC-IS 2018 Notebook Evaluator v1.0
Run: IITBHU1 (IITBHU1.gz)

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

> Information Type Precision (positive class, multi-type, macro):   0.2522308323730
6343
> Information Type Recall (positive class, multi-type, macro): 0.1298888439568062
> Information Type F1 (positive class, multi-type, macro):   0.13692574177214023
> Information Type Accuracy (overall, multi-type, macro):   0.8947189648200569

EVALUATON: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.12437978402247621

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

> Information Type Precision (any valid type, micro): 0.42642850949449407
> Information Type Recall (any valid type, micro): 0.3926233434456331
> Information Type F1 (any valid type, micro): 0.40882829710295526
> Information Type Accuracy (any valid type, micro): 0.2810857258390619

TREC-IS 2018 Notebook Evaluator v1.0
Run: IITBHU1 (IITBHU1.gz)

EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
----
albertaFloods2013
  Information Type Precision (positive class, multi-type, macro): 0.09107772355541872
  Information Type Recall (positive class, multi-type, macro): 0.14894195627840487
  Information Type F1 (positive class, multi-type, macro): 0.08664493845606441
  Information Type Accuracy (overall, multi-type, macro): 0.8748476454293628

australiaBushfire2013
  Information Type Precision (positive class, multi-type, macro): 0.07662492885526596
  Information Type Recall (positive class, multi-type, macro): 0.17620722131678915
  Information Type F1 (positive class, multi-type, macro): 0.08660501928877824
  Information Type Accuracy (overall, multi-type, macro): 0.8720236336779911

bostonBombings2013
  Information Type Precision (positive class, multi-type, macro): 0.07097544591028164
  Information Type Recall (positive class, multi-type, macro): 0.1517447432105567
  Information Type F1 (positive class, multi-type, macro): 0.08348393359569144
  Information Type Accuracy (overall, multi-type, macro): 0.872523364485981

chileEarthquake2014
  Information Type Precision (positive class, multi-type, macro): 0.06284844365891802
  Information Type Recall (positive class, multi-type, macro): 0.16787886494599116
  Information Type F1 (positive class, multi-type, macro): 0.06203568952789247
  Information Type Accuracy (overall, multi-type, macro): 0.8832154340836014

flSchoolShooting2018
  Information Type Precision (positive class, multi-type, macro): 0.05276161086214634
  Information Type Recall (positive class, multi-type, macro): 0.13494447358227396
  Information Type F1 (positive class, multi-type, macro): 0.05649666063731226
  Information Type Accuracy (overall, multi-type, macro): 0.8752772808586762

guatemalaEarthquake2012
  Information Type Precision (positive class, multi-type, macro): 0.08333043179299864
  Information Type Recall (positive class, multi-type, macro): 0.17943956334516886
  Information Type F1 (positive class, multi-type, macro): 0.09088957776402667
  Information Type Accuracy (overall, multi-type, macro): 0.8542857142857144

italyEarthquakes2012
  Information Type Precision (positive class, multi-type, macro): 0.05870382418853466
  Information Type Recall (positive class, multi-type, macro): 0.09369047619047619
  Information Type F1 (positive class, multi-type, macro): 0.06827401385124963
  Information Type Accuracy (overall, multi-type, macro): 0.9285436893203883

joplinTornado2011
  Information Type Precision (positive class, multi-type, macro): 0.087535672238512
  Information Type Recall (positive class, multi-type, macro): 0.20695238095238092
  Information Type F1 (positive class, multi-type, macro): 0.08914816935110306
  Information Type Accuracy (overall, multi-type, macro): 0.86625

manilaFloods2013
  Information Type Precision (positive class, multi-type, macro): 0.09616863022487789
  Information Type Recall (positive class, multi-type, macro): 0.1635891690009337
  Information Type F1 (positive class, multi-type, macro): 0.1073078004187239
  Information Type Accuracy (overall, multi-type, macro): 0.917080291970803

nepalEarthquake2015
  Information Type Precision (positive class, multi-type, macro): 0.10259625565268418
  Information Type Recall (positive class, multi-type, macro): 0.16183554900609112
  Information Type F1 (positive class, multi-type, macro): 0.09593216856156238

   Information Type Accuracy (overall, multi-type, macro): 0.9127798021863609

parisAttacks2015
   Information Type Precision (positive class, multi-type, macro): 0.08276614513067287
   Information Type Recall (positive class, multi-type, macro): 0.18035721506061492
   Information Type F1 (positive class, multi-type, macro): 0.083988493023604
   Information Type Accuracy (overall, multi-type, macro): 0.9080735721200387

philipinnesFloods2012
   Information Type Precision (positive class, multi-type, macro): 0.08596356286873917
   Information Type Recall (positive class, multi-type, macro): 0.14883412910618793
   Information Type F1 (positive class, multi-type, macro): 0.08204240345372345
   Information Type Accuracy (overall, multi-type, macro): 0.8844851258581237

queenslandFloods2013
   Information Type Precision (positive class, multi-type, macro): 0.1448817234803477
   Information Type Recall (positive class, multi-type, macro): 0.26327898989972354
   Information Type F1 (positive class, multi-type, macro): 0.14247896081959882
   Information Type Accuracy (overall, multi-type, macro): 0.8739971949509114

typhoonHagupit2014
   Information Type Precision (positive class, multi-type, macro): 0.11778350490474533
   Information Type Recall (positive class, multi-type, macro): 0.26194816319510134
   Information Type F1 (positive class, multi-type, macro): 0.10813524123079485
   Information Type Accuracy (overall, multi-type, macro): 0.8772048652516099

typhoonYolanda2013
   Information Type Precision (positive class, multi-type, macro): 0.08601695482211297
   Information Type Recall (positive class, multi-type, macro): 0.24711573469207426
   Information Type F1 (positive class, multi-type, macro): 0.10736347998485117
   Information Type Accuracy (overall, multi-type, macro): 0.8760992907801419

TREC-IS 2018 Notebook Evaluator v1.0
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EVALUATON: 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	0.99	0.99	19498
Request-SearchAndRescue	0.12	0.07	0.09	286
avg / total	0.97	0.98	0.98	19784

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	0.99	0.99	0.99	19612
Request-InformationWanted	0.02	0.03	0.03	172
avg / total	0.98	0.98	0.98	19784

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19668
CallToAction-Volunteer	0.33	0.24	0.28	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	0.32	0.44	0.37	804
avg / total	0.95	0.94	0.94	19784

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	0.98	0.99	19757
CallToAction-MovePeople	0.01	0.19	0.03	27
avg / total	1.00	0.98	0.99	19784

Report-FirstPartyObservation

	precision	recall	f1-score	support
Other Classes	0.81	0.96	0.88	15977

```
Report-FirstPartyObservation           0.30        0.07        0.11        3807

                     avg / total        0.71        0.79        0.73       19784


Report-ThirdPartyObservation
                              precision    recall   f1-score    support

             Other Classes        0.79        0.99        0.88       15624
Report-ThirdPartyObservation      0.29        0.02        0.03        4160

                 avg / total      0.69        0.78        0.70       19784


Report-Weather
              precision    recall   f1-score    support

 Other Classes       0.94        0.99        0.97       18459
Report-Weather       0.57        0.17        0.26        1325

    avg / total      0.92        0.94        0.92       19784


Report-EmergingThreats
                      precision    recall   f1-score    support

         Other Classes      0.97        0.99        0.98       19098
Report-EmergingThreats      0.03        0.01        0.02         686

            avg / total     0.93        0.96        0.94       19784


Report-SignificantEventChange
                              precision    recall   f1-score    support

             Other Classes        0.98        1.00        0.99       19369
Report-SignificantEventChange     0.21        0.06        0.09         415

                 avg / total      0.96        0.98        0.97       19784


Report-MultimediaShare
                      precision    recall   f1-score    support

         Other Classes      0.85        0.95        0.90       15810
Report-MultimediaShare      0.64        0.36        0.46        3974

            avg / total     0.81        0.83        0.81       19784


Report-ServiceAvailable
                      precision    recall   f1-score    support

          Other Classes     0.95        0.98        0.97       18708
Report-ServiceAvailable     0.30        0.17        0.21        1076

             avg / total    0.92        0.93        0.92       19784


Report-Factoid
              precision    recall   f1-score    support

 Other Classes       0.89        0.97        0.93       17401
Report-Factoid       0.36        0.11        0.17        2383
```

```
      avg / total        0.82       0.87       0.84      19784


Report-Official
                  precision     recall   f1-score    support

   Other Classes        0.98       0.98       0.98      19381
 Report-Official        0.09       0.08       0.09        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        0.29       0.19       0.23         62

      avg / total       1.00       1.00       1.00      19784


Report-Hashtags
                  precision     recall   f1-score    support

   Other Classes        0.83       1.00       0.91      16421
 Report-Hashtags        0.27       0.01       0.01       3363

      avg / total       0.74       0.83       0.75      19784


Other-PastNews
                  precision     recall   f1-score    support

   Other Classes        0.93       1.00       0.96      18433
  Other-PastNews        0.07       0.00       0.01       1351

      avg / total       0.87       0.93       0.90      19784


Other-ContinuingNews
                     precision     recall   f1-score    support

       Other Classes        0.77       0.97       0.85      14913
Other-ContinuingNews        0.49       0.10       0.16       4871

          avg / total       0.70       0.75       0.68      19784


Other-Advice
                  precision     recall   f1-score    support

Other Classes          0.94       0.97       0.95      18575
 Other-Advice          0.08       0.05       0.06       1209

   avg / total         0.89       0.91       0.90      19784


Other-Sentiment
                  precision     recall   f1-score    support

   Other Classes        0.68       0.98       0.81      12832
 Other-Sentiment        0.82       0.16       0.27       6952

      avg / total       0.73       0.69       0.62      19784
```

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.91	0.98	0.94	17724
Other-Discussion	0.51	0.16	0.24	2060
avg / total	0.87	0.90	0.87	19784

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.88	0.83	0.85	17179
Other-Irrelevant	0.17	0.24	0.20	2605
avg / total	0.78	0.75	0.77	19784

Other-Unknown

	precision	recall	f1-score	support
Other Classes	1.00	0.76	0.87	19707
Other-Unknown	0.01	0.34	0.01	77
avg / total	0.99	0.76	0.86	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: IITBHU12 (IITBHU12.gz)

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

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6343
> Information Type Recall (positive class, multi-type, macro): 0.1298888439568062
> Information Type F1 (positive class, multi-type, macro):   0.13692574177214023
> Information Type Accuracy (overall, multi-type, macro):   0.8947189648200569

EVALUATON: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.12437978402247621

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

> Information Type Precision (any valid type, micro): 0.42642850949449407
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TREC-IS 2018 Notebook Evaluator v1.0
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  Information Type F1 (positive class, multi-type, macro): 0.08664493845606441
  Information Type Accuracy (overall, multi-type, macro): 0.8748476454293628

australiaBushfire2013
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  Information Type Accuracy (overall, multi-type, macro): 0.8720236336779911

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  Information Type Recall (positive class, multi-type, macro): 0.1517447432105567
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chileEarthquake2014
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  Information Type Recall (positive class, multi-type, macro): 0.16787886494599116
  Information Type F1 (positive class, multi-type, macro): 0.06203568952789247
  Information Type Accuracy (overall, multi-type, macro): 0.8832154340836014

flSchoolShooting2018
  Information Type Precision (positive class, multi-type, macro): 0.05276161086214634
  Information Type Recall (positive class, multi-type, macro): 0.13494447358227396
  Information Type F1 (positive class, multi-type, macro): 0.05649666063731226
  Information Type Accuracy (overall, multi-type, macro): 0.8752772808586762

guatemalaEarthquake2012
  Information Type Precision (positive class, multi-type, macro): 0.08333043179299864
  Information Type Recall (positive class, multi-type, macro): 0.17943956334516886
  Information Type F1 (positive class, multi-type, macro): 0.09088957776402667
  Information Type Accuracy (overall, multi-type, macro): 0.8542857142857144

italyEarthquakes2012
  Information Type Precision (positive class, multi-type, macro): 0.05870382418853466
  Information Type Recall (positive class, multi-type, macro): 0.09369047619047619
  Information Type F1 (positive class, multi-type, macro): 0.06827401385124963
  Information Type Accuracy (overall, multi-type, macro): 0.9285436893203883

joplinTornado2011
  Information Type Precision (positive class, multi-type, macro): 0.087535672238512
  Information Type Recall (positive class, multi-type, macro): 0.20695238095238092
  Information Type F1 (positive class, multi-type, macro): 0.08914816935110306
  Information Type Accuracy (overall, multi-type, macro): 0.86625

manilaFloods2013
  Information Type Precision (positive class, multi-type, macro): 0.09616863022487789
  Information Type Recall (positive class, multi-type, macro): 0.1635891690009337
  Information Type F1 (positive class, multi-type, macro): 0.1073078004187239
  Information Type Accuracy (overall, multi-type, macro): 0.917080291970803

nepalEarthquake2015
  Information Type Precision (positive class, multi-type, macro): 0.10259625565268418
  Information Type Recall (positive class, multi-type, macro): 0.16183554900609112
  Information Type F1 (positive class, multi-type, macro): 0.09593216856156238

   Information Type Accuracy (overall, multi-type, macro): 0.9127798021863609

parisAttacks2015
   Information Type Precision (positive class, multi-type, macro): 0.08276614513067287
   Information Type Recall (positive class, multi-type, macro): 0.18035721506061492
   Information Type F1 (positive class, multi-type, macro): 0.083988493023604
   Information Type Accuracy (overall, multi-type, macro): 0.9080735721200387

philipinnesFloods2012
   Information Type Precision (positive class, multi-type, macro): 0.08596356286873917
   Information Type Recall (positive class, multi-type, macro): 0.14883412910618793
   Information Type F1 (positive class, multi-type, macro): 0.08204240345372345
   Information Type Accuracy (overall, multi-type, macro): 0.8844851258581237

queenslandFloods2013
   Information Type Precision (positive class, multi-type, macro): 0.1448817234803477
   Information Type Recall (positive class, multi-type, macro): 0.26327898989972354
   Information Type F1 (positive class, multi-type, macro): 0.14247896081959882
   Information Type Accuracy (overall, multi-type, macro): 0.8739971949509114

typhoonHagupit2014
   Information Type Precision (positive class, multi-type, macro): 0.11778350490474533
   Information Type Recall (positive class, multi-type, macro): 0.26194816319510134
   Information Type F1 (positive class, multi-type, macro): 0.10813524123079485
   Information Type Accuracy (overall, multi-type, macro): 0.8772048652516099

typhoonYolanda2013
   Information Type Precision (positive class, multi-type, macro): 0.08601695482211297
   Information Type Recall (positive class, multi-type, macro): 0.24711573469207426
   Information Type F1 (positive class, multi-type, macro): 0.10736347998485117
   Information Type Accuracy (overall, multi-type, macro): 0.8760992907801419

TREC-IS 2018 Notebook Evaluator v1.0
Run: IITBHU12 (IITBHU12.gz)

EVALUATON: 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	0.99	0.99	19498
Request-SearchAndRescue	0.12	0.07	0.09	286
avg / total	0.97	0.98	0.98	19784

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	0.99	0.99	0.99	19612
Request-InformationWanted	0.02	0.03	0.03	172
avg / total	0.98	0.98	0.98	19784

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	19668
CallToAction-Volunteer	0.33	0.24	0.28	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	0.32	0.44	0.37	804
avg / total	0.95	0.94	0.94	19784

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	1.00	0.98	0.99	19757
CallToAction-MovePeople	0.01	0.19	0.03	27
avg / total	1.00	0.98	0.99	19784

Report-FirstPartyObservation

	precision	recall	f1-score	support
Other Classes	0.81	0.96	0.88	15977

```
Report-FirstPartyObservation        0.30      0.07      0.11      3807

                avg / total         0.71      0.79      0.73     19784


Report-ThirdPartyObservation
                              precision    recall  f1-score   support

            Other Classes         0.79      0.99      0.88     15624
Report-ThirdPartyObservation      0.29      0.02      0.03      4160

                avg / total       0.69      0.78      0.70     19784


Report-Weather
            precision    recall  f1-score   support

 Other Classes    0.94      0.99      0.97     18459
Report-Weather    0.57      0.17      0.26      1325

    avg / total   0.92      0.94      0.92     19784


Report-EmergingThreats
              precision    recall  f1-score   support

      Other Classes     0.97      0.99      0.98     19098
Report-EmergingThreats  0.03      0.01      0.02       686

        avg / total     0.93      0.96      0.94     19784


Report-SignificantEventChange
                              precision    recall  f1-score   support

            Other Classes          0.98      1.00      0.99     19369
Report-SignificantEventChange      0.21      0.06      0.09       415

                avg / total        0.96      0.98      0.97     19784


Report-MultimediaShare
                    precision    recall  f1-score   support

        Other Classes       0.85      0.95      0.90     15810
Report-MultimediaShare      0.64      0.36      0.46      3974

        avg / total         0.81      0.83      0.81     19784


Report-ServiceAvailable
                    precision    recall  f1-score   support

        Other Classes       0.95      0.98      0.97     18708
Report-ServiceAvailable     0.30      0.17      0.21      1076

        avg / total         0.92      0.93      0.92     19784


Report-Factoid
            precision    recall  f1-score   support

 Other Classes     0.89      0.97      0.93     17401
Report-Factoid     0.36      0.11      0.17      2383
```

```
      avg / total       0.82        0.87        0.84        19784


Report-Official
                   precision     recall   f1-score     support

   Other Classes       0.98        0.98        0.98        19381
Report-Official        0.09        0.08        0.09          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         0.29        0.19        0.23           62

      avg / total      1.00        1.00        1.00        19784


Report-Hashtags
                   precision     recall   f1-score     support

   Other Classes       0.83        1.00        0.91        16421
Report-Hashtags        0.27        0.01        0.01         3363

      avg / total      0.74        0.83        0.75        19784


Other-PastNews
                   precision     recall   f1-score     support

   Other Classes       0.93        1.00        0.96        18433
Other-PastNews         0.07        0.00        0.01         1351

      avg / total      0.87        0.93        0.90        19784


Other-ContinuingNews
                     precision     recall   f1-score     support

       Other Classes     0.77        0.97        0.85        14913
Other-ContinuingNews     0.49        0.10        0.16         4871

         avg / total     0.70        0.75        0.68        19784


Other-Advice
                 precision     recall   f1-score     support

Other Classes        0.94        0.97        0.95        18575
 Other-Advice        0.08        0.05        0.06         1209

   avg / total       0.89        0.91        0.90        19784


Other-Sentiment
                   precision     recall   f1-score     support

   Other Classes       0.68        0.98        0.81        12832
Other-Sentiment        0.82        0.16        0.27         6952

      avg / total      0.73        0.69        0.62        19784
```

```
Other-Discussion
                    precision    recall   f1-score    support

     Other Classes      0.91       0.98      0.94       17724
  Other-Discussion      0.51       0.16      0.24        2060

       avg / total      0.87       0.90      0.87       19784


Other-Irrelevant
                    precision    recall   f1-score    support

     Other Classes      0.88       0.83      0.85       17179
  Other-Irrelevant      0.17       0.24      0.20        2605

       avg / total      0.78       0.75      0.77       19784


Other-Unknown
               precision    recall   f1-score    support

Other Classes     1.00       0.76      0.87       19707
Other-Unknown     0.01       0.34      0.01          77

  avg / total     0.99       0.76      0.86       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
```