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TREC-IS 2019-B Notebook Evaluator v2.3
Run: UCDbcnelmo (UCDbcnelmo)


--------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
--------------------------------------------------
> High Importance Alert Worth:  -0.6961009174311934
> Low Importance Alert Worth:   -0.0286221354863804
> Accumulated Alert Worth:      -0.3623615264587869


--------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
--------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):        0.24364501364537322
> Information Type Recall (positive class, multi-type, macro):  0.24334362641722113
> Information Type F1 (positive class, multi-type, macro):      0.1721997004341993
> Information Type Accuracy (overall, multi-type, macro):       0.8451657488392182
> High Importance Information Type Precision (positive class, multi-type, macro):       0.07403034615656288
> High Importance Information Type Recall (positive class, multi-type, macro):  0.25576108098840394
> High Importance Information Type F1 (positive class, multi-type, macro):      0.10986500684184135
> High Importance Information Type Accuracy (overall, multi-type, macro):       0.9247381492279452
> Low Importance Information Type Precision (positive class, multi-type, macro):        0.297207540220787
> Low Importance Information Type Recall (positive class, multi-type, macro):   0.2394223249736898
> Low Importance Information Type F1 (positive class, multi-type, macro):       0.19188434051599654
> Low Importance Information Type Accuracy (overall, multi-type, macro):        0.8200376224006728


--------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
--------------------------------------------------
> Priority Estimation Error (mean squared error, macro): 0.07694168397262877
> Priority Estimation Error High Importance (mean squared error, macro): 0.10355001519320184
> Priority Estimation Error Low Importance (mean squared error, macro): 0.06853905306086885


--------------------------------------------------
LATEX
--------------------------------------------------
UCDbcnelmo & -0.6961 & -0.3624 & 0.1099 & 0.1192 & 0.8452 & 0.1036 & 0.0769 \\
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EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
-------------------------------------------------
albertaWildfires2019
  Information Type Precision (positive class, multi-type, macro): 0.27790502747481605
  Information Type Recall (positive class, multi-type, macro): 0.25611935271622205
  Information Type F1 (positive class, multi-type, macro): 0.19582254200154695
  Information Type Accuracy (overall, multi-type, macro): 0.8382800000000001
  High Importance Information Type Precision (positive class, multi-type, macro): 0.08132535369762896
  High Importance Information Type Recall (positive class, multi-type, macro): 0.2782772313064214
  High Importance Information Type F1 (positive class, multi-type, macro): 0.11659312630132061
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9140833333333332
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.33998281919392775
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.24912212789826432
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.22084235748582898
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8143421052631579

cycloneKenneth2019
  Information Type Precision (positive class, multi-type, macro): 0.2684949510559932
  Information Type Recall (positive class, multi-type, macro): 0.22771669211191617
  Information Type F1 (positive class, multi-type, macro): 0.14751589862355186
  Information Type Accuracy (overall, multi-type, macro): 0.8123661830915456
  High Importance Information Type Precision (positive class, multi-type, macro): 0.14185452494951428
  High Importance Information Type Recall (positive class, multi-type, macro): 0.22337471852152732
  High Importance Information Type F1 (positive class, multi-type, macro): 0.16314014298584806
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.908704352176088
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.3084866645633023
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.22908784166677582
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.142581926671966885
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7819436033806378

philippinesEarthquake2019
  Information Type Precision (positive class, multi-type, macro): 0.13607092398942744
  Information Type Recall (positive class, multi-type, macro): 0.20484787426584938
  Information Type F1 (positive class, multi-type, macro): 0.09847379345759172
  Information Type Accuracy (overall, multi-type, macro): 0.8657042606516289
  High Importance Information Type Precision (positive class, multi-type, macro): 0.034219211394823694
  High Importance Information Type Recall (positive class, multi-type, macro): 0.1647653000594177
  High Importance Information Type F1 (positive class, multi-type, macro): 0.037853214789457836
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9145363408521304
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.16823462270351283
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.21750552927840672
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.117617134089634
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8502836037462077

coloradoStemShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.18562184642627017
  Information Type Recall (positive class, multi-type, macro): 0.14663220214290557
  Information Type F1 (positive class, multi-type, macro): 0.10014037813089255
  Information Type Accuracy (overall, multi-type, macro): 0.8676997578692495
  High Importance Information Type Precision (positive class, multi-type, macro): 0.001182033096926714
  High Importance Information Type Recall (positive class, multi-type, macro): 0.02777777777777776
  High Importance Information Type F1 (positive class, multi-type, macro): 0.0022675736961451248
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9726930320150659
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.24386599800395758
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.18416517825820913
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.1310475795313391
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.83454398708636

southAfricaFloods2019
  Information Type Precision (positive class, multi-type, macro): 0.19123764005676314
  Information Type Recall (positive class, multi-type, macro): 0.1939774810188615
  Information Type F1 (positive class, multi-type, macro): 0.12750378797829331
  Information Type Accuracy (overall, multi-type, macro): 0.8581764269829503
  High Importance Information Type Precision (positive class, multi-type, macro): 0.039062146892655365
  High Importance Information Type Recall (positive class, multi-type, macro): 0.08025436690010464
  High Importance Information Type F1 (positive class, multi-type, macro): 0.047431924432659235
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9242648875710402
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.23929305895069194
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.22989004337215313
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.152789963962428305
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8373063867972378

sandiegoSynagogueShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.19267934423934452
  Information Type Recall (positive class, multi-type, macro): 0.10499073473702722
  Information Type F1 (positive class, multi-type, macro): 0.11924562209054837
  Information Type Accuracy (overall, multi-type, macro): 0.8346980854197351
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```
High Importance Information Type Precision (positive class, multi-type, macro): 0.0
High Importance Information Type Recall (positive class, multi-type, macro): 0.0
High Importance Information Type F1 (positive class, multi-type, macro): 0.0
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9467353951890035
Low Importance Information Type Precision (positive class, multi-type, macro): 0.25352545294650597
Low Importance Information Type Recall (positive class, multi-type, macro): 0.13814570360135162
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1569021343296689
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7993178823347028
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-------------------------------------------------
EVALUATON: Information Type Categorization (Multi-type)
Per Information Type Performance
-------------------------------------------------
Request-GoodsServices
                    precision    recall  f1-score   support

       Other Classes    1.00      0.99      0.99      9223
Request-GoodsServices    0.02      0.05      0.03        38

           micro avg     0.99      0.99      0.99      9261
           macro avg     0.51      0.52      0.51      9261
        weighted avg     0.99      0.99      0.99      9261


Request-SearchAndRescue
                    precision    recall  f1-score   support

        Other Classes    1.00      0.99      0.99      9252
Request-SearchAndRescue    0.00      0.00      0.00         9

            micro avg     0.99      0.99      0.99      9261
            macro avg     0.50      0.50      0.50      9261
         weighted avg     1.00      0.99      0.99      9261


Request-InformationWanted
                      precision    recall  f1-score   support

         Other Classes     1.00      0.99      0.99      9228
Request-InformationWanted    0.04      0.12      0.06        33

             micro avg      0.99      0.99      0.99      9261
             macro avg      0.52      0.55      0.52      9261
          weighted avg      0.99      0.99      0.99      9261


CallToAction-Volunteer
                    precision    recall  f1-score   support

       Other Classes     1.00      1.00      1.00      9237
CallToAction-Volunteer    0.03      0.04      0.03        24

            micro avg     0.99      0.99      0.99      9261
            macro avg     0.51      0.52      0.51      9261
         weighted avg     0.99      0.99      0.99      9261


CallToAction-Donations
                    precision    recall  f1-score   support

       Other Classes     1.00      0.96      0.98      9155
CallToAction-Donations    0.16      0.70      0.26       106

            micro avg     0.95      0.95      0.95      9261
            macro avg     0.58      0.83      0.62      9261
         weighted avg     0.99      0.95      0.97      9261


CallToAction-MovePeople
                    precision    recall  f1-score   support

       Other Classes     1.00      0.93      0.96      9158
CallToAction-MovePeople    0.09      0.69      0.17       103

            micro avg     0.92      0.92      0.92      9261
            macro avg     0.55      0.81      0.56      9261
         weighted avg     0.99      0.92      0.95      9261


Report-FirstPartyObservation
                      precision    recall  f1-score   support

          Other Classes    0.98      0.83      0.90      8942
Report-FirstPartyObservation    0.08      0.41      0.13       319

               micro avg     0.82      0.82      0.82      9261
               macro avg     0.53      0.62      0.52      9261
            weighted avg     0.94      0.82      0.87      9261
```

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Report-ThirdPartyObservation
                              precision    recall  f1-score   support

              Other Classes       0.84      0.94      0.89      7785
  Report-ThirdPartyObservation    0.13      0.05      0.07      1476

                  micro avg       0.80      0.80      0.80      9261
                  macro avg       0.48      0.49      0.48      9261
               weighted avg       0.73      0.80      0.76      9261


Report-Weather
                precision    recall  f1-score   support

 Other Classes       0.90      0.99      0.94      8123
Report-Weather       0.76      0.18      0.30      1138

     micro avg       0.89      0.89      0.89      9261
     macro avg       0.83      0.59      0.62      9261
  weighted avg       0.88      0.89      0.86      9261


Report-Location
                 precision    recall  f1-score   support

  Other Classes       0.48      0.97      0.64      4351
Report-Location       0.75      0.07      0.13      4910

      micro avg       0.50      0.50      0.50      9261
      macro avg       0.61      0.52      0.39      9261
   weighted avg       0.62      0.50      0.37      9261


Report-EmergingThreats
                         precision    recall  f1-score   support

          Other Classes       0.95      0.82      0.88      8621
  Report-EmergingThreats       0.13      0.36      0.19       640

              micro avg       0.79      0.79      0.79      9261
              macro avg       0.54      0.59      0.54      9261
           weighted avg       0.89      0.79      0.83      9261


Report-NewSubEvent
                     precision    recall  f1-score   support

      Other Classes       0.98      0.97      0.97      9051
 Report-NewSubEvent       0.01      0.01      0.01       210

          micro avg       0.95      0.95      0.95      9261
          macro avg       0.49      0.49      0.49      9261
       weighted avg       0.96      0.95      0.95      9261


Report-MultimediaShare
                         precision    recall  f1-score   support

          Other Classes       0.64      0.90      0.75      5719
 Report-MultimediaShare       0.51      0.18      0.26      3542

              micro avg       0.62      0.62      0.62      9261
              macro avg       0.58      0.54      0.50      9261
           weighted avg       0.59      0.62      0.56      9261


Report-ServiceAvailable
                          precision    recall  f1-score   support

           Other Classes       0.98      0.93      0.95      8916
 Report-ServiceAvailable       0.19      0.42      0.26       345

               micro avg       0.91      0.91      0.91      9261
               macro avg       0.58      0.67      0.60      9261
            weighted avg       0.95      0.91      0.93      9261


Report-Factoid
                precision    recall  f1-score   support
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        Other Classes          0.78      0.82      0.80       6019
       Report-Factoid          0.63      0.56      0.59       3242

            micro avg          0.73      0.73      0.73       9261
            macro avg          0.70      0.69      0.70       9261
         weighted avg          0.73      0.73      0.73       9261


Report-Official
                      precision    recall  f1-score   support

        Other Classes          0.93      0.82      0.87       8486
      Report-Official          0.15      0.35      0.21        775

            micro avg          0.78      0.78      0.78       9261
            macro avg          0.54      0.58      0.54       9261
         weighted avg          0.87      0.78      0.81       9261


Report-News
                      precision    recall  f1-score   support

        Other Classes          0.76      0.76      0.76       6421
          Report-News          0.45      0.45      0.45       2840

            micro avg          0.66      0.66      0.66       9261
            macro avg          0.60      0.60      0.60       9261
         weighted avg          0.66      0.66      0.66       9261


Report-CleanUp
                      precision    recall  f1-score   support

        Other Classes          0.99      1.00      0.99       9201
       Report-CleanUp          0.00      0.00      0.00         60

            micro avg          0.99      0.99      0.99       9261
            macro avg          0.50      0.50      0.50       9261
         weighted avg          0.99      0.99      0.99       9261


Report-Hashtags
                      precision    recall  f1-score   support

        Other Classes          0.73      0.99      0.84       6757
      Report-Hashtags          0.44      0.01      0.02       2504

            micro avg          0.73      0.73      0.73       9261
            macro avg          0.58      0.50      0.43       9261
         weighted avg          0.65      0.73      0.62       9261


Report-OriginalEvent
                         precision    recall  f1-score   support

           Other Classes       0.91      0.96      0.94       8321
    Report-OriginalEvent       0.32      0.15      0.21        940

               micro avg       0.88      0.88      0.88       9261
               macro avg       0.61      0.56      0.57       9261
            weighted avg       0.85      0.88      0.86       9261


Other-ContextualInformation
                                precision    recall  f1-score   support

                 Other Classes       0.97      0.93      0.95       9014
   Other-ContextualInformation       0.04      0.12      0.06        247

                     micro avg       0.90      0.90      0.90       9261
                     macro avg       0.51      0.52      0.51       9261
                  weighted avg       0.95      0.90      0.93       9261


Other-Advice
                      precision    recall  f1-score   support

        Other Classes          0.98      0.97      0.97       8946
         Other-Advice          0.30      0.35      0.33        315

            micro avg          0.95      0.95      0.95       9261
            macro avg          0.64      0.66      0.65       9261
```

weighted avg	0.95	0.95	0.95	9261

Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.97	0.83	0.90	8481
Other-Sentiment	0.28	0.69	0.40	780
micro avg	0.82	0.82	0.82	9261
macro avg	0.62	0.76	0.65	9261
weighted avg	0.91	0.82	0.85	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	0.95	0.95	8805
Other-Discussion	0.06	0.07	0.06	456
micro avg	0.91	0.91	0.91	9261
macro avg	0.51	0.51	0.51	9261
weighted avg	0.91	0.91	0.91	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.68	0.98	0.80	6224
Other-Irrelevant	0.53	0.04	0.07	3037
micro avg	0.67	0.67	0.67	9261
macro avg	0.60	0.51	0.44	9261
weighted avg	0.63	0.67	0.56	9261