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


--------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
--------------------------------------------------
> High Importance Alert Worth:  -0.9942363112391931
> Low Importance Alert Worth:    0.0
> Accumulated Alert Worth:      -0.49711815561959655


--------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
--------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):      0.07667535706409163
> Information Type Recall (positive class, multi-type, macro):  0.6656158377186457
> Information Type F1 (positive class, multi-type, macro):      0.11334321818768515
> Information Type Accuracy (overall, multi-type, macro):       0.3789625360230548
> High Importance Information Type Precision (positive class, multi-type, macro):     0.01664504845926994
> High Importance Information Type Recall (positive class, multi-type, macro):  0.5739051301721576
> High Importance Information Type F1 (positive class, multi-type, macro):      0.03115893078073347
> High Importance Information Type Accuracy (overall, multi-type, macro):       0.5245393415422234
> Low Importance Information Type Precision (positive class, multi-type, macro):      0.09668545993236556
> Low Importance Information Type Recall (positive class, multi-type, macro):  0.6961860735674752
> Low Importance Information Type F1 (positive class, multi-type, macro):       0.14073798065666904
> Low Importance Information Type Accuracy (overall, multi-type, macro):       0.3304369341833319


--------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
--------------------------------------------------
> Priority Estimation Error (mean squared error, macro): 0.07008097889777504
> Priority Estimation Error High Importance (mean squared error, macro): 0.08105276539678154
> Priority Estimation Error Low Importance (mean squared error, macro): 0.06642371673143954


--------------------------------------------------
LATEX
--------------------------------------------------
ubIS & -0.9942 & -0.4971 & 0.0312 & 0.0979 & 0.3790 & 0.0811 & 0.0701 \\
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EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
-------------------------------------------------
floodChoco2019
  Information Type Precision (positive class, multi-type, macro): 0.04430382691329356
  Information Type Recall (positive class, multi-type, macro): 0.3232442348008386
  Information Type F1 (positive class, multi-type, macro): 0.048023329612562206
  Information Type Accuracy (overall, multi-type, macro): 0.4161311053984576
  High Importance Information Type Precision (positive class, multi-type, macro): 0.0027958732569915087
  High Importance Information Type Recall (positive class, multi-type, macro): 0.3055555555555556
  High Importance Information Type F1 (positive class, multi-type, macro): 0.005510194337009979
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.20565552699228792
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.05813981146539424
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.32914046121593293
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.06219437470441295
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.4862896315338474

earthquakeCalifornia2014
  Information Type Precision (positive class, multi-type, macro): 0.04994710036245469
  Information Type Recall (positive class, multi-type, macro): 0.28845811051693404
  Information Type F1 (positive class, multi-type, macro): 0.07450091069479738
  Information Type Accuracy (overall, multi-type, macro): 0.3979658792650918
  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): 0.3464566929133858
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.06659613381660626
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.38461081402257874
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.09933454759306318
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.41513560804899385

earthquakeBohol2013
  Information Type Precision (positive class, multi-type, macro): 0.05062008523225989
  Information Type Recall (positive class, multi-type, macro): 0.5508011883961514
  Information Type F1 (positive class, multi-type, macro): 0.0523628908416183
  Information Type Accuracy (overall, multi-type, macro): 0.41383952611739366
  High Importance Information Type Precision (positive class, multi-type, macro): 0.0019772813409474556
  High Importance Information Type Recall (positive class, multi-type, macro): 0.6666666666666666
  High Importance Information Type F1 (positive class, multi-type, macro): 0.003940401343006289
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.364297253634895
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.06683435319603069
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.5121793623059798
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.06850372067448897
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.4303536169448932

hurricaneFlorence2018
  Information Type Precision (positive class, multi-type, macro): 0.06565620326692932
  Information Type Recall (positive class, multi-type, macro): 0.763465049523897
  Information Type F1 (positive class, multi-type, macro): 0.10905928229546252
  Information Type Accuracy (overall, multi-type, macro): 0.27450980392156865
  High Importance Information Type Precision (positive class, multi-type, macro): 0.008518827996155236
  High Importance Information Type Recall (positive class, multi-type, macro): 0.6666666666666666
  High Importance Information Type F1 (positive class, multi-type, macro): 0.01658659555243165
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.33880218754168334
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.08470199502385399
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.7957311771429738
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.13988351120980613
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.25307900938153044

shootingDallas2017
  Information Type Precision (positive class, multi-type, macro): 0.05260259603292888
  Information Type Recall (positive class, multi-type, macro): 0.4562612007168459
  Information Type F1 (positive class, multi-type, macro): 0.08282773393918196
  Information Type Accuracy (overall, multi-type, macro): 0.45416666666666666
  High Importance Information Type Precision (positive class, multi-type, macro): 0.0014999999999999998
  High Importance Information Type Recall (positive class, multi-type, macro): 0.16666666666666666
  High Importance Information Type F1 (positive class, multi-type, macro): 0.0029732408325074133
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.8345000000000001
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.06963679471057184
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.5527927120669056
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.10944589830807347
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.3273888888888889

fireYMM2016
  Information Type Precision (positive class, multi-type, macro): 0.06174031376066939
  Information Type Recall (positive class, multi-type, macro): 0.5583033636159253
  Information Type F1 (positive class, multi-type, macro): 0.09786218094649864
  Information Type Accuracy (overall, multi-type, macro): 0.4150416666666667
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High Importance Information Type Precision (positive class, multi-type, macro): 0.029847783096629995
High Importance Information Type Recall (positive class, multi-type, macro): 0.4193883234594156
High Importance Information Type F1 (positive class, multi-type, macro): 0.054030176095521874
High Importance Information Type Accuracy (overall, multi-type, macro): 0.5695833333333333
Low Importance Information Type Precision (positive class, multi-type, macro): 0.07237115731534921
Low Importance Information Type Recall (positive class, multi-type, macro): 0.6046083770014284
Low Importance Information Type F1 (positive class, multi-type, macro): 0.11247284923015759
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.3635277777777779
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Run: ubIS (ubIS.run)


-------------------------------------------------
EVALUATON: Information Type Categorization (Multi-type)
Per Information Type Performance
-------------------------------------------------
Request-GoodsServices
                    precision    recall   f1-score    support

        Other Classes     1.00      0.55       0.71       7611
Request-GoodsServices     0.01      0.83       0.01         23

            micro avg     0.55      0.55       0.55       7634
            macro avg     0.50      0.69       0.36       7634
         weighted avg     1.00      0.55       0.70       7634


Request-SearchAndRescue
                    precision    recall   f1-score    support

         Other Classes    1.00      0.53       0.69       7624
Request-SearchAndRescue   0.00      0.40       0.00         10

            micro avg     0.53      0.53       0.53       7634
            macro avg     0.50      0.46       0.35       7634
         weighted avg     1.00      0.53       0.69       7634


Request-InformationWanted
                       precision   recall   f1-score    support

          Other Classes    1.00      0.02      0.04       7563
Request-InformationWanted  0.01      1.00      0.02         71

            micro avg      0.03      0.03      0.03       7634
            macro avg      0.50      0.51      0.03       7634
         weighted avg      0.99      0.03      0.04       7634


CallToAction-Volunteer
                     precision   recall   f1-score    support

        Other Classes    1.00      0.10      0.17       7610
CallToAction-Volunteer   0.00      0.88      0.01         24

            micro avg     0.10      0.10      0.10       7634
            macro avg     0.50      0.49      0.09       7634
         weighted avg     0.99      0.10      0.17       7634


CallToAction-Donations
                     precision   recall   f1-score    support

        Other Classes    1.00      0.07      0.14       7556
CallToAction-Donations   0.01      0.99      0.02         78

            micro avg     0.08      0.08      0.08       7634
            macro avg     0.50      0.53      0.08       7634
         weighted avg     0.99      0.08      0.13       7634


CallToAction-MovePeople
                     precision   recall   f1-score    support

         Other Classes    0.99      0.31      0.47       7526
CallToAction-MovePeople   0.02      0.81      0.03        108

            micro avg     0.32      0.32      0.32       7634
            macro avg     0.50      0.56      0.25       7634
         weighted avg     0.98      0.32      0.47       7634


Report-FirstPartyObservation
                          precision   recall   f1-score    support

            Other Classes    0.97      0.17      0.29       7150
Report-FirstPartyObservation 0.07      0.91      0.13        484

            micro avg        0.22      0.22      0.22       7634
            macro avg        0.52      0.54      0.21       7634
         weighted avg        0.91      0.22      0.28       7634
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Report-ThirdPartyObservation
                          precision    recall   f1-score    support

          Other Classes       0.94       0.38       0.54        7317
Report-ThirdPartyObservation  0.03       0.46       0.06         317

              micro avg       0.38       0.38       0.38        7634
              macro avg       0.49       0.42       0.30        7634
           weighted avg       0.90       0.38       0.52        7634


Report-Weather
              precision    recall   f1-score    support

 Other Classes     1.00       0.29       0.44        7334
Report-Weather     0.05       0.98       0.10         300

    micro avg      0.31       0.31       0.31        7634
    macro avg      0.52       0.63       0.27        7634
 weighted avg      0.96       0.31       0.43        7634


Report-EmergingThreats
                       precision    recall   f1-score    support

        Other Classes     0.93       0.48       0.63        7168
Report-EmergingThreats    0.05       0.42       0.09         466

            micro avg     0.48       0.48       0.48        7634
            macro avg     0.49       0.45       0.36        7634
         weighted avg     0.87       0.48       0.60        7634


Report-NewSubEvent
                   precision    recall   f1-score    support

    Other Classes     0.98       1.00       0.99        7493
Report-NewSubEvent    0.00       0.00       0.00         141

        micro avg     0.98       0.98       0.98        7634
        macro avg     0.49       0.50       0.50        7634
     weighted avg     0.96       0.98       0.97        7634


Report-MultimediaShare
                       precision    recall   f1-score    support

        Other Classes     0.76       0.37       0.50        6034
Report-MultimediaShare    0.19       0.57       0.29        1600

            micro avg     0.41       0.41       0.41        7634
            macro avg     0.48       0.47       0.39        7634
         weighted avg     0.64       0.41       0.45        7634


Report-ServiceAvailable
                        precision    recall   f1-score    support

        Other Classes     1.00       0.28       0.44        7484
Report-ServiceAvailable   0.03       0.99       0.05         150

            micro avg     0.29       0.29       0.29        7634
            macro avg     0.51       0.64       0.25        7634
         weighted avg     0.98       0.29       0.43        7634


Report-Factoid
              precision    recall   f1-score    support

 Other Classes     0.70       0.09       0.15        6625
Report-Factoid     0.11       0.76       0.20        1009

    micro avg      0.17       0.17       0.17        7634
    macro avg      0.41       0.42       0.17        7634
 weighted avg      0.62       0.17       0.16        7634


Report-Official
              precision    recall   f1-score    support
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    Other Classes       0.98      0.37      0.54      7404
  Report-Official       0.04      0.80      0.07       230

        micro avg       0.38      0.38      0.38      7634
        macro avg       0.51      0.59      0.30      7634
     weighted avg       0.96      0.38      0.52      7634


Report-News
                     precision    recall  f1-score   support

    Other Classes       0.79      0.10      0.18      6158
      Report-News       0.19      0.89      0.32      1476

        micro avg       0.25      0.25      0.25      7634
        macro avg       0.49      0.50      0.25      7634
     weighted avg       0.68      0.25      0.21      7634


Report-CleanUp
                     precision    recall  f1-score   support

    Other Classes       1.00      0.27      0.43      7559
   Report-CleanUp       0.01      0.99      0.03        75

        micro avg       0.28      0.28      0.28      7634
        macro avg       0.51      0.63      0.23      7634
     weighted avg       0.99      0.28      0.42      7634


Report-Hashtags
                     precision    recall  f1-score   support

    Other Classes       0.40      0.52      0.46      3789
  Report-Hashtags       0.33      0.24      0.28      3845

        micro avg       0.38      0.38      0.38      7634
        macro avg       0.37      0.38      0.37      7634
     weighted avg       0.37      0.38      0.37      7634


Report-OriginalEvent
                      precision    recall  f1-score   support

      Other Classes       0.88      1.00      0.94      6751
Report-OriginalEvent       0.00      0.00      0.00       883

          micro avg       0.88      0.88      0.88      7634
          macro avg       0.44      0.50      0.47      7634
       weighted avg       0.78      0.88      0.83      7634


Other-ContextualInformation
                             precision    recall  f1-score   support

              Other Classes       0.96      1.00      0.98      7365
Other-ContextualInformation       0.00      0.00      0.00       269

                  micro avg       0.96      0.96      0.96      7634
                  macro avg       0.48      0.50      0.49      7634
               weighted avg       0.93      0.96      0.95      7634


Other-Advice
                     precision    recall  f1-score   support

    Other Classes       0.89      0.13      0.22      7183
     Other-Advice       0.05      0.74      0.09       451

        micro avg       0.16      0.16      0.16      7634
        macro avg       0.47      0.43      0.16      7634
     weighted avg       0.84      0.16      0.21      7634


Other-Sentiment
                     precision    recall  f1-score   support

    Other Classes       0.74      0.45      0.56      5844
  Other-Sentiment       0.22      0.49      0.30      1790

        micro avg       0.46      0.46      0.46      7634
        macro avg       0.48      0.47      0.43      7634
```

	precision	recall	f1-score	support
weighted avg	0.62	0.46	0.50	7634

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.90	0.04	0.07	7064
Other-Discussion	0.07	0.95	0.14	570
micro avg	0.11	0.11	0.11	7634
macro avg	0.49	0.49	0.10	7634
weighted avg	0.84	0.11	0.08	7634

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.64	0.10	0.17	5013
Other-Irrelevant	0.34	0.89	0.49	2621
micro avg	0.37	0.37	0.37	7634
macro avg	0.49	0.50	0.33	7634
weighted avg	0.54	0.37	0.28	7634

	precision	recall	f1-score	support
Other Classes	0.90	0.04	0.07	7064