```
TREC-IS 2019-B Notebook Evaluator v2.3
Run: SC-KRun68484low (SC-KRun68484low.run)


--------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
--------------------------------------------------
> High Importance Alert Worth:  -0.9755043227665704
> Low Importance Alert Worth:   -0.0030061150151306634
> Accumulated Alert Worth:      -0.48925521889085055


--------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
--------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):       0.12528649138336787
> Information Type Recall (positive class, multi-type, macro):  0.033394907831302965
> Information Type F1 (positive class, multi-type, macro):      0.04477224081011875
> Information Type Accuracy (overall, multi-type, macro):       0.9002870928303205
> 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):       0.9804602218146886
> Low Importance Information Type Precision (positive class, multi-type, macro):        0.1670486551778238
> Low Importance Information Type Recall (positive class, multi-type, macro):   0.04452654377507062
> Low Importance Information Type F1 (positive class, multi-type, macro):       0.0596963210801558335
> Low Importance Information Type Accuracy (overall, multi-type, macro):        0.8735627165021976


--------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
--------------------------------------------------
> Priority Estimation Error (mean squared error, macro): 0.07470726396973999
> Priority Estimation Error High Importance (mean squared error, macro): 0.17559357793393612
> Priority Estimation Error Low Importance (mean squared error, macro): 0.041078492648341285


--------------------------------------------------
LATEX
--------------------------------------------------
SC-KRun68484low & -0.9755 & -0.4893 & 0.0000 & 0.0384 & 0.9003 & 0.1756 & 0.0747 \\
```

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TREC-IS 2019-B Notebook Evaluator v2.3
Run: SC-KRun68484low (SC-KRun68484low.run)


-------------------------------------------------
EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
-------------------------------------------------
floodChoco2019
  Information Type Precision (positive class, multi-type, macro): 0.044466721976401176
  Information Type Recall (positive class, multi-type, macro): 0.02371763456669117
  Information Type F1 (positive class, multi-type, macro): 0.024753347427766036
  Information Type Accuracy (overall, multi-type, macro): 0.9538346186803769
  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): 0.9965724078834618
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.05928896263520157
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.03162351275558823
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.033004463237702138
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.9395886889460157

earthquakeCalifornia2014
  Information Type Precision (positive class, multi-type, macro): 0.061253561253561246
  Information Type Recall (positive class, multi-type, macro): 0.017734593837535017
  Information Type F1 (positive class, multi-type, macro): 0.023304627471294137
  Information Type Accuracy (overall, multi-type, macro): 0.8897637795275588
  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): 0.9829396325459318
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.08167141500474834
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0236461251116713355
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.03107283662839218
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8587051618547682

earthquakeBohol2013
  Information Type Precision (positive class, multi-type, macro): 0.13393098467457157
  Information Type Recall (positive class, multi-type, macro): 0.048241019920650725
  Information Type F1 (positive class, multi-type, macro): 0.059569030288928425
  Information Type Accuracy (overall, multi-type, macro): 0.9055600430802371
  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): 0.9970382337102853
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.1785746462327621
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.06432135989420097
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.07942537371857122
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8750673128702207

hurricaneFlorence2018
  Information Type Precision (positive class, multi-type, macro): 0.07087304549935149
  Information Type Recall (positive class, multi-type, macro): 0.0217601330922967
  Information Type F1 (positive class, multi-type, macro): 0.027418902029638745
  Information Type Accuracy (overall, multi-type, macro): 0.9051620648259303
  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): 0.9763238628784848
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.09449739399913532
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.029013510789729843
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.03655853603951833
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.881441465475079

shootingDallas2017
  Information Type Precision (positive class, multi-type, macro): 0.05815620679770899
  Information Type Recall (positive class, multi-type, macro): 0.03819014763992171
  Information Type F1 (positive class, multi-type, macro): 0.028065731423293678
  Information Type Accuracy (overall, multi-type, macro): 0.9034166666666666
  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): 0.9981666666666668
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.07754160906361199
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.05092019685322894
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.03742097523105824
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8718333333333333

fireYMM2016
  Information Type Precision (positive class, multi-type, macro): 0.14384601445199982
  Information Type Recall (positive class, multi-type, macro): 0.02627589028409648
  Information Type F1 (positive class, multi-type, macro): 0.0384100393580997
  Information Type Accuracy (overall, multi-type, macro): 0.8796875000000001
```

```
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): 0.9595000000000001
Low Importance Information Type Precision (positive class, multi-type, macro): 0.19179468593599974
Low Importance Information Type Recall (positive class, multi-type, macro): 0.03503452037879531
Low Importance Information Type F1 (positive class, multi-type, macro): 0.05121338581079961
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8530833333333333
```

```
TREC-IS 2019-B Notebook Evaluator v2.3
Run: SC-KRun68484low (SC-KRun68484low.run)

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

        Other Classes       1.00       1.00       1.00       7612
Request-GoodsServices       0.00       0.00       0.00         22

            micro avg       1.00       1.00       1.00       7634
            macro avg       0.50       0.50       0.50       7634
         weighted avg       0.99       1.00       1.00       7634


Request-SearchAndRescue
                        precision    recall   f1-score    support

         Other Classes      1.00       1.00       1.00       7624
Request-SearchAndRescue     0.00       0.00       0.00         10

            micro avg       1.00       1.00       1.00       7634
            macro avg       0.50       0.50       0.50       7634
         weighted avg       1.00       1.00       1.00       7634


Request-InformationWanted
                          precision    recall   f1-score    support

          Other Classes       0.99       1.00       1.00       7564
Request-InformationWanted     0.00       0.00       0.00         70

              micro avg       0.99       0.99       0.99       7634
              macro avg       0.50       0.50       0.50       7634
           weighted avg       0.98       0.99       0.99       7634


CallToAction-Volunteer
                        precision    recall   f1-score    support

        Other Classes       1.00       1.00       1.00       7611
CallToAction-Volunteer      0.00       0.00       0.00         23

            micro avg       1.00       1.00       1.00       7634
            macro avg       0.50       0.50       0.50       7634
         weighted avg       0.99       1.00       1.00       7634


CallToAction-Donations
                        precision    recall   f1-score    support

        Other Classes       0.99       1.00       0.99       7557
CallToAction-Donations      0.00       0.00       0.00         77

            micro avg       0.99       0.99       0.99       7634
            macro avg       0.49       0.50       0.50       7634
         weighted avg       0.98       0.99       0.98       7634


CallToAction-MovePeople
                        precision    recall   f1-score    support

        Other Classes       0.99       1.00       0.99       7527
CallToAction-MovePeople     0.00       0.00       0.00        107

            micro avg       0.99       0.99       0.99       7634
            macro avg       0.49       0.50       0.50       7634
         weighted avg       0.97       0.99       0.98       7634


Report-FirstPartyObservation
                             precision    recall   f1-score    support

             Other Classes       0.94       0.99       0.96       7150
Report-FirstPartyObservation     0.03       0.00       0.01        484

                 micro avg       0.93       0.93       0.93       7634
                 macro avg       0.48       0.50       0.49       7634
              weighted avg       0.88       0.93       0.90       7634
```

```
Report-ThirdPartyObservation
                            precision    recall    f1-score    support

            Other Classes       0.96      0.99       0.98        7317
Report-ThirdPartyObservation    0.09      0.02       0.03         317

                micro avg       0.95      0.95       0.95        7634
                macro avg       0.53      0.51       0.50        7634
             weighted avg       0.92      0.95       0.94        7634


Report-Weather
              precision    recall    f1-score    support

 Other Classes      0.96      1.00       0.98        7334
Report-Weather       0.00      0.00       0.00         300

    micro avg        0.96      0.96       0.96        7634
    macro avg        0.48      0.50       0.49        7634
 weighted avg        0.92      0.96       0.94        7634


Report-EmergingThreats
                        precision    recall    f1-score    support

         Other Classes      0.94      1.00       0.97        7169
Report-EmergingThreats      0.00      0.00       0.00         465

            micro avg       0.94      0.94       0.94        7634
            macro avg       0.47      0.50       0.48        7634
         weighted avg       0.88      0.94       0.91        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      0.79      0.98       0.88        6034
Report-MultimediaShare      0.26      0.03       0.05        1600

            micro avg       0.78      0.78       0.78        7634
            macro avg       0.52      0.50       0.46        7634
         weighted avg       0.68      0.78       0.70        7634


Report-ServiceAvailable
                         precision    recall    f1-score    support

          Other Classes      0.98      1.00       0.99        7485
Report-ServiceAvailable      0.00      0.00       0.00         149

             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-Factoid
              precision    recall    f1-score    support

 Other Classes      0.87      1.00       0.93        6625
Report-Factoid       0.33      0.00       0.00        1009

    micro avg        0.87      0.87       0.87        7634
    macro avg        0.60      0.50       0.47        7634
 weighted avg        0.80      0.87       0.81        7634


Report-Official
              precision    recall    f1-score    support
```

```
Other Classes               0.97      1.00      0.98       7405
Report-Official             0.00      0.00      0.00        229

     micro avg              0.97      0.97      0.97       7634
     macro avg              0.49      0.50      0.49       7634
  weighted avg              0.94      0.97      0.96       7634
```

Report-News
```
                    precision    recall  f1-score   support

Other Classes            0.81      0.99      0.89      6158
 Report-News             0.39      0.02      0.04      1476

    micro avg            0.80      0.80      0.80      7634
    macro avg            0.60      0.51      0.46      7634
 weighted avg            0.73      0.80      0.73      7634
```

Report-CleanUp
```
                    precision    recall  f1-score   support

Other Classes            0.99      1.00      1.00      7560
Report-CleanUp           0.00      0.00      0.00        74

    micro avg            0.99      0.99      0.99      7634
    macro avg            0.50      0.50      0.50      7634
 weighted avg            0.98      0.99      0.99      7634
```

Report-Hashtags
```
                    precision    recall  f1-score   support

 Other Classes           0.54      0.93      0.69      3789
Report-Hashtags          0.77      0.22      0.35      3845

    micro avg            0.58      0.58      0.58      7634
    macro avg            0.66      0.58      0.52      7634
 weighted avg            0.66      0.58      0.52      7634
```

Report-OriginalEvent
```
                       precision    recall  f1-score   support

      Other Classes         0.88      1.00      0.94      6750
Report-OriginalEvent        0.00      0.00      0.00       884

          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      0.85      0.90      7364
Other-ContextualInformation       0.02      0.09      0.04       270

                 micro avg        0.82      0.82      0.82      7634
                 macro avg        0.49      0.47      0.47      7634
              weighted avg        0.93      0.82      0.87      7634
```

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

Other Classes        0.94      1.00      0.97      7183
 Other-Advice        0.22      0.00      0.01       451

    micro avg        0.94      0.94      0.94      7634
    macro avg        0.58      0.50      0.49      7634
 weighted avg        0.90      0.94      0.91      7634
```

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

 Other Classes        0.78      0.93      0.85      5844
Other-Sentiment       0.39      0.15      0.21      1790

    micro avg         0.75      0.75      0.75      7634
    macro avg         0.59      0.54      0.53      7634
```

	precision	recall	f1-score	support
weighted avg	0.69	0.75	0.70	7634

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.92	0.96	0.94	7064
Other-Discussion	0.04	0.02	0.03	570
micro avg	0.89	0.89	0.89	7634
macro avg	0.48	0.49	0.48	7634
weighted avg	0.86	0.89	0.87	7634

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.68	0.85	0.75	5013
Other-Irrelevant	0.45	0.24	0.31	2621
micro avg	0.64	0.64	0.64	7634
macro avg	0.57	0.54	0.53	7634
weighted avg	0.60	0.64	0.60	7634