```
TREC-IS 2019-B Notebook Evaluator v2.3
Run: run3_irn (run3_irn)


--------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
--------------------------------------------------
> High Importance Alert Worth:  -0.9793577981651376
> Low Importance Alert Worth:   0.0
> Accumulated Alert Worth:      -0.4896788990825688


--------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
--------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):      0.1335245597270673
> Information Type Recall (positive class, multi-type, macro):  0.021090135813674752
> Information Type F1 (positive class, multi-type, macro):      0.030287454992941148
> Information Type Accuracy (overall, multi-type, macro):       0.8753439153439153
> High Importance Information Type Precision (positive class, multi-type, macro):     0.0827409410886175
> High Importance Information Type Recall (positive class, multi-type, macro):  0.027964087504359598
> High Importance Information Type F1 (positive class, multi-type, macro):      0.03863666614801673
> High Importance Information Type Accuracy (overall, multi-type, macro):       0.9713673829320087
> Low Importance Information Type Precision (positive class, multi-type, macro):      0.149561491928683304
> Low Importance Information Type Recall (positive class, multi-type, macro):  0.018919414227142696
> Low Importance Information Type F1 (positive class, multi-type, macro):       0.027650861996601488
> Low Importance Information Type Accuracy (overall, multi-type, macro):        0.8450207150529385


--------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
--------------------------------------------------
> Priority Estimation Error (mean squared error, macro): 0.11748222940942846
> Priority Estimation Error High Importance (mean squared error, macro): 0.2131833758244217
> Priority Estimation Error Low Importance (mean squared error, macro): 0.08726081475206213


--------------------------------------------------
LATEX
--------------------------------------------------
run3_irn & -0.9794 & -0.4897 & 0.0386 & 0.0000 & 0.8753 & 0.2132 & 0.1175 \\
```

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Run: run3_irn (run3_irn)


-------------------------------------------------
EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
-------------------------------------------------
albertaWildfires2019
  Information Type Precision (positive class, multi-type, macro): 0.12946764622541018
  Information Type Recall (positive class, multi-type, macro): 0.025414368432493464
  Information Type F1 (positive class, multi-type, macro): 0.03665840163009012
  Information Type Accuracy (overall, multi-type, macro): 0.8640799999999997
  High Importance Information Type Precision (positive class, multi-type, macro): 0.06642512077294686
  High Importance Information Type Recall (positive class, multi-type, macro): 0.03350020226537217
  High Importance Information Type F1 (positive class, multi-type, macro): 0.044512096681196524
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.96975
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.149375812215776705
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.022860947222110715
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.03417828740342494
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8307105263157895

cycloneKenneth2019
  Information Type Precision (positive class, multi-type, macro): 0.1252626297006828
  Information Type Recall (positive class, multi-type, macro): 0.01687536210148693
  Information Type F1 (positive class, multi-type, macro): 0.02575883202143233
  Information Type Accuracy (overall, multi-type, macro): 0.8531065532766385
  High Importance Information Type Precision (positive class, multi-type, macro): 0.08585858585858586
  High Importance Information Type Recall (positive class, multi-type, macro): 0.013756318169725992
  High Importance Information Type F1 (positive class, multi-type, macro): 0.022694464521107918
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9438886109721528
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.13770601196660814
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.01786032334309565
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0267265527021534774
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8244385350570022

philippinesEarthquake2019
  Information Type Precision (positive class, multi-type, macro): 0.08226324697812445
  Information Type Recall (positive class, multi-type, macro): 0.016892729982258977
  Information Type F1 (positive class, multi-type, macro): 0.015774172389775715
  Information Type Accuracy (overall, multi-type, macro): 0.9108370927318298
  High Importance Information Type Precision (positive class, multi-type, macro): 0.045321637426900575
  High Importance Information Type Recall (positive class, multi-type, macro): 0.005793226381641676
  High Importance Information Type F1 (positive class, multi-type, macro): 0.010139271502907866
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9741019214703425
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.09392901841535305
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.020397836382946007
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.017553614775102408
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8908587257617728

coloradoStemShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.012666666666666666
  Information Type Recall (positive class, multi-type, macro): 0.00937799043062201
  Information Type F1 (positive class, multi-type, macro): 0.007380699893955461
  Information Type Accuracy (overall, multi-type, macro): 0.9032768361581921
  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): 0.9986548291633036
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.016666666666666666
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.012339461092923698
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0097114472288888765
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8731574699460517

southAfricaFloods2019
  Information Type Precision (positive class, multi-type, macro): 0.1362956340956341
  Information Type Recall (positive class, multi-type, macro): 0.017558784577194998
  Information Type F1 (positive class, multi-type, macro): 0.020964008339613295
  Information Type Accuracy (overall, multi-type, macro): 0.8803261675315049
  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): 0.9715838893007166
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.17933636065215014
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.02310366391736184
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0275844221499491177
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8515079396043854

sandiegoSynagogueShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.0
  Information Type Recall (positive class, multi-type, macro): 0.0
  Information Type F1 (positive class, multi-type, macro): 0.0
  Information Type Accuracy (overall, multi-type, macro): 0.8088365243004416
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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): 0.998772704958272
Low Importance Information Type Precision (positive class, multi-type, macro): 0.0
Low Importance Information Type Recall (positive class, multi-type, macro): 0.0
Low Importance Information Type F1 (positive class, multi-type, macro): 0.0
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7488566777769164
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TREC-IS 2019-B Notebook Evaluator v2.3
Run: run3_irn (run3_irn)


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

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

         micro avg       0.99       0.99       0.99       9261
         macro avg       0.51       0.51       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       1.00       1.00       9228
Request-InformationWanted    0.00       0.00       0.00         33

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


CallToAction-Volunteer
                     precision    recall   f1-score   support

     Other Classes       1.00       1.00       1.00       9237
CallToAction-Volunteer    0.00       0.00       0.00         24

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


CallToAction-Donations
                     precision    recall   f1-score   support

     Other Classes       0.99       1.00       0.99       9155
CallToAction-Donations    0.25       0.02       0.04        106

         micro avg       0.99       0.99       0.99       9261
         macro avg       0.62       0.51       0.51       9261
      weighted avg       0.98       0.99       0.98       9261


CallToAction-MovePeople
                     precision    recall   f1-score   support

     Other Classes       0.99       1.00       0.99       9158
CallToAction-MovePeople    0.24       0.11       0.15        103

         micro avg       0.99       0.99       0.99       9261
         macro avg       0.62       0.55       0.57       9261
      weighted avg       0.98       0.99       0.98       9261


Report-FirstPartyObservation
                          precision    recall   f1-score   support

        Other Classes       0.97       0.99       0.98       8942
Report-FirstPartyObservation    0.04       0.01       0.02        319

            micro avg        0.96       0.96       0.96       9261
            macro avg        0.50       0.50       0.50       9261
         weighted avg        0.93       0.96       0.95       9261
```

Report-ThirdPartyObservation

	precision	recall	f1-score	support
Other Classes	0.84	0.99	0.91	7785
Report-ThirdPartyObservation	0.12	0.01	0.01	1476
micro avg	0.83	0.83	0.83	9261
macro avg	0.48	0.50	0.46	9261
weighted avg	0.73	0.83	0.77	9261

Report-Weather

	precision	recall	f1-score	support
Other Classes	0.88	0.99	0.93	8123
Report-Weather	0.45	0.06	0.11	1138
micro avg	0.88	0.88	0.88	9261
macro avg	0.67	0.53	0.52	9261
weighted avg	0.83	0.88	0.83	9261

Report-Location

	precision	recall	f1-score	support
Other Classes	0.47	1.00	0.64	4352
Report-Location	0.00	0.00	0.00	4909
micro avg	0.47	0.47	0.47	9261
macro avg	0.23	0.50	0.32	9261
weighted avg	0.22	0.47	0.30	9261

Report-EmergingThreats

	precision	recall	f1-score	support
Other Classes	0.93	0.99	0.96	8621
Report-EmergingThreats	0.12	0.02	0.03	640
micro avg	0.92	0.92	0.92	9261
macro avg	0.53	0.50	0.49	9261
weighted avg	0.88	0.92	0.90	9261

Report-NewSubEvent

	precision	recall	f1-score	support
Other Classes	0.98	1.00	0.99	9051
Report-NewSubEvent	0.11	0.02	0.03	210
micro avg	0.97	0.97	0.97	9261
macro avg	0.54	0.51	0.51	9261
weighted avg	0.96	0.97	0.97	9261

Report-MultimediaShare

	precision	recall	f1-score	support
Other Classes	0.62	0.99	0.76	5719
Report-MultimediaShare	0.65	0.03	0.06	3542
micro avg	0.62	0.62	0.62	9261
macro avg	0.63	0.51	0.41	9261
weighted avg	0.63	0.62	0.50	9261

Report-ServiceAvailable

	precision	recall	f1-score	support
Other Classes	0.96	1.00	0.98	8917
Report-ServiceAvailable	0.00	0.00	0.00	344
micro avg	0.96	0.96	0.96	9261
macro avg	0.48	0.50	0.49	9261
weighted avg	0.93	0.96	0.94	9261

Report-Factoid

	precision	recall	f1-score	support

```
        Other Classes        0.65      1.00      0.79       6019
       Report-Factoid        0.25      0.00      0.00       3242

            micro avg        0.65      0.65      0.65       9261
            macro avg        0.45      0.50      0.39       9261
         weighted avg        0.51      0.65      0.51       9261


Report-Official
                     precision    recall  f1-score   support

        Other Classes        0.92      1.00      0.96       8486
      Report-Official        0.20      0.00      0.00        775

            micro avg        0.92      0.92      0.92       9261
            macro avg        0.56      0.50      0.48       9261
         weighted avg        0.86      0.92      0.88       9261


Report-News
                     precision    recall  f1-score   support

        Other Classes        0.69      1.00      0.82       6421
          Report-News        0.50      0.00      0.00       2840

            micro avg        0.69      0.69      0.69       9261
            macro avg        0.60      0.50      0.41       9261
         weighted avg        0.63      0.69      0.57       9261


Report-CleanUp
                     precision    recall  f1-score   support

        Other Classes        0.99      1.00      1.00       9202
       Report-CleanUp        0.00      0.00      0.00         59

            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      1.00      0.84       6758
      Report-Hashtags        0.00      0.00      0.00       2503

            micro avg        0.73      0.73      0.73       9261
            macro avg        0.36      0.50      0.42       9261
         weighted avg        0.53      0.73      0.62       9261


Report-OriginalEvent
                         precision    recall  f1-score   support

           Other Classes        0.90      1.00      0.95       8322
    Report-OriginalEvent        0.00      0.00      0.00        939

               micro avg        0.90      0.90      0.90       9261
               macro avg        0.45      0.50      0.47       9261
            weighted avg        0.81      0.90      0.85       9261


Other-ContextualInformation
                               precision    recall  f1-score   support

                 Other Classes        0.97      1.00      0.99       9015
   Other-ContextualInformation        0.00      0.00      0.00        246

                     micro avg        0.97      0.97      0.97       9261
                     macro avg        0.49      0.50      0.49       9261
                  weighted avg        0.95      0.97      0.96       9261


Other-Advice
                     precision    recall  f1-score   support

        Other Classes        0.97      1.00      0.98       8947
         Other-Advice        0.00      0.00      0.00        314

            micro avg        0.97      0.97      0.97       9261
            macro avg        0.48      0.50      0.49       9261
```

```
weighted avg       0.93      0.97      0.95      9261


Other-Sentiment
               precision    recall  f1-score   support

Other Classes       0.92      0.96      0.94      8481
Other-Sentiment     0.25      0.14      0.18       780

    micro avg       0.89      0.89      0.89      9261
    macro avg       0.59      0.55      0.56      9261
 weighted avg       0.87      0.89      0.88      9261


Other-Discussion
               precision    recall  f1-score   support

Other Classes       0.95      0.97      0.96      8805
Other-Discussion    0.14      0.09      0.11       456

    micro avg       0.93      0.93      0.93      9261
    macro avg       0.55      0.53      0.53      9261
 weighted avg       0.91      0.93      0.92      9261


Other-Irrelevant
               precision    recall  f1-score   support

Other Classes       0.67      1.00      0.80      6224
Other-Irrelevant    0.00      0.00      0.00      3037

    micro avg       0.67      0.67      0.67      9261
    macro avg       0.34      0.50      0.40      9261
 weighted avg       0.45      0.67      0.54      9261
```