```
TREC-IS 2019-B Notebook Evaluator v2.3
Run: nyu.fast.sing (nyu.fast.sing)


--------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
--------------------------------------------------
> High Importance Alert Worth:  -0.9286697247706426
> Low Importance Alert Worth:   -0.007059470662484481
> Accumulated Alert Worth:      -0.4678645977165635


--------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
--------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):      0.26056761564592823
> Information Type Recall (positive class, multi-type, macro):  0.09477821164206629
> Information Type F1 (positive class, multi-type, macro):      0.12286278540505778
> Information Type Accuracy (overall, multi-type, macro):       0.8739056257423604
> High Importance Information Type Precision (positive class, multi-type, macro):      0.09488310229317065
> High Importance Information Type Recall (positive class, multi-type, macro):  0.03064748056074829
> High Importance Information Type F1 (positive class, multi-type, macro):      0.04306185089835259
> High Importance Information Type Accuracy (overall, multi-type, macro):       0.9694237483353129
> Low Importance Information Type Precision (positive class, multi-type, macro):      0.31288904091522
> Low Importance Information Type Recall (positive class, multi-type, macro):   0.11503002145721934
> Low Importance Information Type F1 (positive class, multi-type, macro):       0.148063080512433836
> Low Importance Information Type Accuracy (overall, multi-type, macro):       0.843742008081428


--------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
--------------------------------------------------
> Priority Estimation Error (mean squared error, macro): 0.11691677096519607
> Priority Estimation Error High Importance (mean squared error, macro): 0.20848622219185411
> Priority Estimation Error Low Importance (mean squared error, macro): 0.08800010215677768


--------------------------------------------------
LATEX
--------------------------------------------------
nyu.fast.sing & -0.9287 & -0.4679 & 0.0431 & 0.0673 & 0.8739 & 0.2085 & 0.1169 \\
```

```
TREC-IS 2019-B Notebook Evaluator v2.3
Run: nyu.fast.sing (nyu.fast.sing)


--------------------------------------------------
EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
--------------------------------------------------
albertaWildfires2019
  Information Type Precision (positive class, multi-type, macro): 0.2900980911325212
  Information Type Recall (positive class, multi-type, macro): 0.09996075956665221
  Information Type F1 (positive class, multi-type, macro): 0.12951370754795977
  Information Type Accuracy (overall, multi-type, macro): 0.8735799999999999
  High Importance Information Type Precision (positive class, multi-type, macro): 0.10619637232540458
  High Importance Information Type Recall (positive class, multi-type, macro): 0.03303818557315619
  High Importance Information Type F1 (positive class, multi-type, macro): 0.04965398801067108
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9709166666666667
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.34817231812424226
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.12109420398565095
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.1547325663492088
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8428421052631578

cycloneKenneth2019
  Information Type Precision (positive class, multi-type, macro): 0.2355489000034283
  Information Type Recall (positive class, multi-type, macro): 0.06828393382428181
  Information Type F1 (positive class, multi-type, macro): 0.09631104256707912
  Information Type Accuracy (overall, multi-type, macro): 0.8477638819409704
  High Importance Information Type Precision (positive class, multi-type, macro): 0.1066902881326739
  High Importance Information Type Recall (positive class, multi-type, macro): 0.030034198117754107
  High Importance Information Type F1 (positive class, multi-type, macro): 0.04168496559800907
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9394697348674338
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.2762410932257718
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.08036279773160633
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.113561382266257493
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.818804138911561

philippinesEarthquake2019
  Information Type Precision (positive class, multi-type, macro): 0.16997103382290352
  Information Type Recall (positive class, multi-type, macro): 0.08929872012677709
  Information Type F1 (positive class, multi-type, macro): 0.09178200907094874
  Information Type Accuracy (overall, multi-type, macro): 0.9004110275689223
  High Importance Information Type Precision (positive class, multi-type, macro): 0.004629629629629629
  High Importance Information Type Recall (positive class, multi-type, macro): 0.0016339869281045752
  High Importance Information Type F1 (positive class, multi-type, macro): 0.0024154589371980675
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9732664995822891
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.2221841088313058
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.1169823200842526
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.120003024902659947
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8774040364068063

coloradoStemShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.13891707221467578
  Information Type Recall (positive class, multi-type, macro): 0.07625288007529454
  Information Type F1 (positive class, multi-type, macro): 0.06815669186003075
  Information Type Accuracy (overall, multi-type, macro): 0.8975625504439063
  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): 0.9969061070755986
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.1827856213350997
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.10033273694117703
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.08967985771056676
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8661909009812666

southAfricaFloods2019
  Information Type Precision (positive class, multi-type, macro): 0.2627539278852394
  Information Type Recall (positive class, multi-type, macro): 0.10011670233476488
  Information Type F1 (positive class, multi-type, macro): 0.11836287098023776
  Information Type Accuracy (overall, multi-type, macro): 0.8825796886582655
  High Importance Information Type Precision (positive class, multi-type, macro): 0.1125
  High Importance Information Type Recall (positive class, multi-type, macro): 0.03680368036803681
  High Importance Information Type F1 (positive class, multi-type, macro): 0.049354708610606986
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9738077588337039
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.3102025366911045
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.1201102882189948
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.140154922254858
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8537708243923375

sandiegoSynagogueShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.20496523537105563
  Information Type Recall (positive class, multi-type, macro): 0.0468689393473418
  Information Type F1 (positive class, multi-type, macro): 0.0672811690194306
  Information Type Accuracy (overall, multi-type, macro): 0.8135493372606775
```

```
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): 0.9830633284241532
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2696910991724416
Low Importance Information Type Recall (positive class, multi-type, macro): 0.06166965703597606
Low Importance Information Type F1 (positive class, multi-type, macro): 0.088527853972935
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7600186032090536
```

```
TREC-IS 2019-B Notebook Evaluator v2.3
Run: nyu.fast.sing (nyu.fast.sing)


--------------------------------------------------
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      9223
Request-GoodsServices     0.00      0.00      0.00        38

           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


Request-SearchAndRescue
                     precision    recall  f1-score   support

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

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


Request-InformationWanted
                     precision    recall  f1-score   support

        Other Classes       1.00      0.99      0.99      9228
Request-InformationWanted   0.03      0.06      0.04        33

            micro avg       0.99      0.99      0.99      9261
            macro avg       0.51      0.53      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     0.33      0.04      0.07        24

           micro avg       1.00      1.00      1.00      9261
           macro avg       0.67      0.52      0.54      9261
        weighted avg       1.00      1.00      1.00      9261


CallToAction-Donations
                     precision    recall  f1-score   support

       Other Classes       0.99      0.99      0.99      9155
CallToAction-Donations     0.19      0.18      0.19       106

           micro avg       0.98      0.98      0.98      9261
           macro avg       0.59      0.59      0.59      9261
        weighted avg       0.98      0.98      0.98      9261


CallToAction-MovePeople
                     precision    recall  f1-score   support

        Other Classes       0.99      1.00      0.99      9158
CallToAction-MovePeople     0.08      0.03      0.04       103

           micro avg        0.99      0.99      0.99      9261
           macro avg        0.54      0.51      0.52      9261
        weighted avg        0.98      0.99      0.98      9261


Report-FirstPartyObservation
                      precision    recall  f1-score   support

         Other Classes       0.97      1.00      0.98      8942
Report-FirstPartyObservation  0.06      0.01      0.01       319

              micro avg       0.96      0.96      0.96      9261
              macro avg       0.51      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       0.94       0.89       7785
Report-ThirdPartyObservation       0.17       0.06       0.09       1476

                  micro avg       0.80       0.80       0.80       9261
                  macro avg       0.51       0.50       0.49       9261
               weighted avg       0.74       0.80       0.76       9261


Report-Weather
                   precision    recall   f1-score    support

   Other Classes       0.88       0.97       0.92       8123
  Report-Weather       0.20       0.05       0.08       1138

       micro avg       0.86       0.86       0.86       9261
       macro avg       0.54       0.51       0.50       9261
    weighted avg       0.80       0.86       0.82       9261


Report-Location
                   precision    recall   f1-score    support

   Other Classes       0.50       0.91       0.65       4351
 Report-Location       0.71       0.19       0.30       4910

       micro avg       0.53       0.53       0.53       9261
       macro avg       0.60       0.55       0.47       9261
    weighted avg       0.61       0.53       0.46       9261


Report-EmergingThreats
                         precision    recall   f1-score    support

         Other Classes     0.93       0.99       0.96       8621
Report-EmergingThreats     0.20       0.03       0.06        640

             micro avg     0.92       0.92       0.92       9261
             macro avg     0.57       0.51       0.51       9261
          weighted avg     0.88       0.92       0.90       9261


Report-NewSubEvent
                     precision    recall   f1-score    support

      Other Classes     0.98       0.98       0.98       9051
 Report-NewSubEvent     0.05       0.05       0.05        210

         micro avg      0.96       0.96       0.96       9261
         macro avg      0.51       0.51       0.51       9261
      weighted avg      0.96       0.96       0.96       9261


Report-MultimediaShare
                        precision    recall   f1-score    support

         Other Classes     0.63       0.96       0.76       5719
Report-MultimediaShare     0.61       0.10       0.17       3542

             micro avg     0.63       0.63       0.63       9261
             macro avg     0.62       0.53       0.47       9261
          weighted avg     0.62       0.63       0.54       9261


Report-ServiceAvailable
                         precision    recall   f1-score    support

          Other Classes     0.96       0.99       0.98       8916
Report-ServiceAvailable     0.24       0.07       0.11        345

              micro avg     0.96       0.96       0.96       9261
              macro avg     0.60       0.53       0.54       9261
           weighted avg     0.94       0.96       0.95       9261


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

```
Other Classes              0.71      0.90      0.80       6019
Report-Factoid             0.65      0.32      0.43       3242

    micro avg              0.70      0.70      0.70       9261
    macro avg              0.68      0.61      0.61       9261
 weighted avg              0.69      0.70      0.67       9261


Report-Official
                       precision    recall  f1-score   support

Other Classes              0.92      0.99      0.95       8486
Report-Official            0.43      0.09      0.15        775

    micro avg              0.91      0.91      0.91       9261
    macro avg              0.67      0.54      0.55       9261
 weighted avg              0.88      0.91      0.89       9261


Report-News
                       precision    recall  f1-score   support

Other Classes              0.71      0.94      0.81       6421
 Report-News               0.49      0.12      0.20       2840

    micro avg              0.69      0.69      0.69       9261
    macro avg              0.60      0.53      0.50       9261
 weighted avg              0.64      0.69      0.62       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              0.74      0.97      0.84       6757
Report-Hashtags            0.55      0.09      0.16       2504

    micro avg              0.73      0.73      0.73       9261
    macro avg              0.65      0.53      0.50       9261
 weighted avg              0.69      0.73      0.66       9261


Report-OriginalEvent
                         precision    recall  f1-score   support

      Other Classes          0.90      1.00      0.95       8321
Report-OriginalEvent         0.21      0.01      0.01        940

          micro avg          0.90      0.90      0.90       9261
          macro avg          0.56      0.50      0.48       9261
       weighted avg          0.83      0.90      0.85       9261


Other-ContextualInformation
                             precision    recall  f1-score   support

          Other Classes         0.97      0.95      0.96       9014
Other-ContextualInformation     0.06      0.10      0.07        247

              micro avg         0.93      0.93      0.93       9261
              macro avg         0.52      0.53      0.52       9261
           weighted avg         0.95      0.93      0.94       9261


Other-Advice
                       precision    recall  f1-score   support

Other Classes              0.97      0.97      0.97       8946
 Other-Advice              0.20      0.19      0.20        315

    micro avg              0.95      0.95      0.95       9261
    macro avg              0.59      0.58      0.59       9261
```

```
weighted avg        0.95      0.95      0.95       9261


Other-Sentiment
                 precision    recall  f1-score   support

  Other Classes       0.93      0.94      0.93      8481
Other-Sentiment       0.24      0.22      0.23       780

      micro avg       0.88      0.88      0.88      9261
      macro avg       0.59      0.58      0.58      9261
   weighted avg       0.87      0.88      0.87      9261


Other-Discussion
                 precision    recall  f1-score   support

   Other Classes       0.96      0.93      0.94      8805
Other-Discussion       0.12      0.18      0.14       456

       micro avg       0.89      0.89      0.89      9261
       macro avg       0.54      0.55      0.54      9261
    weighted avg       0.91      0.89      0.90      9261


Other-Irrelevant
                 precision    recall  f1-score   support

   Other Classes       0.70      0.96      0.81      6224
Other-Irrelevant       0.69      0.17      0.27      3037

       micro avg       0.70      0.70      0.70      9261
       macro avg       0.70      0.57      0.54      9261
    weighted avg       0.70      0.70      0.64      9261
```