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


--------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
--------------------------------------------------
> High Importance Alert Worth:   -0.5559633027522977
> Low Importance Alert Worth:    -0.09651326469244395
> Accumulated Alert Worth:       -0.3262382837223708


--------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
--------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):      0.2580477857779358
> Information Type Recall (positive class, multi-type, macro):  0.11869898536432637
> Information Type F1 (positive class, multi-type, macro):      0.13737287801542883
> Information Type Accuracy (overall, multi-type, macro):       0.8658114674441206
> High Importance Information Type Precision (positive class, multi-type, macro):     0.08912933785979094
> High Importance Information Type Recall (positive class, multi-type, macro):  0.04940447289912906
> High Importance Information Type F1 (positive class, multi-type, macro):      0.060623863994337446
> High Importance Information Type Accuracy (overall, multi-type, macro):       0.9654824892920132
> Low Importance Information Type Precision (positive class, multi-type, macro):      0.31139045354156053
> Low Importance Information Type Recall (positive class, multi-type, macro):   0.14058146298491495
> Low Importance Information Type F1 (positive class, multi-type, macro):       0.16160940875893137
> Low Importance Information Type Accuracy (overall, multi-type, macro):        0.834336407913207


--------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
--------------------------------------------------
> Priority Estimation Error (mean squared error, macro): 0.11035933988492057
> Priority Estimation Error High Importance (mean squared error, macro): 0.18363059462513145
> Priority Estimation Error Low Importance (mean squared error, macro): 0.08722104891432764


--------------------------------------------------
LATEX
--------------------------------------------------
nyu.base.sing & -0.5560 & -0.3262 & 0.0606 & 0.0623 & 0.8658 & 0.1836 & 0.1104 \\
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--------------------------------------------------
EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
--------------------------------------------------
albertaWildfires2019
  Information Type Precision (positive class, multi-type, macro): 0.2726153919042492
  Information Type Recall (positive class, multi-type, macro): 0.10086156284432629
  Information Type F1 (positive class, multi-type, macro): 0.13372363740296206
  Information Type Accuracy (overall, multi-type, macro): 0.8639800000000001
  High Importance Information Type Precision (positive class, multi-type, macro): 0.08535321035321036
  High Importance Information Type Recall (positive class, multi-type, macro): 0.06207737182762733
  High Importance Information Type F1 (positive class, multi-type, macro): 0.06566135796086224
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9605
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.3317508176572089
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.11310920211275756
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.1552169888057304
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8335000000000001

cycloneKenneth2019
  Information Type Precision (positive class, multi-type, macro): 0.24681453361959005
  Information Type Recall (positive class, multi-type, macro): 0.07484102126247498
  Information Type F1 (positive class, multi-type, macro): 0.10512706553068003
  Information Type Accuracy (overall, multi-type, macro): 0.8477638819409706
  High Importance Information Type Precision (positive class, multi-type, macro): 0.14606654050252024
  High Importance Information Type Recall (positive class, multi-type, macro): 0.05468511491715138
  High Importance Information Type F1 (positive class, multi-type, macro): 0.07661212979471992
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9384692346173087
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.27862968934077
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.08120604431889296
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.11413178207887797
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.819120086358969

philippinesEarthquake2019
  Information Type Precision (positive class, multi-type, macro): 0.17289307207232252
  Information Type Recall (positive class, multi-type, macro): 0.10889477011978173
  Information Type F1 (positive class, multi-type, macro): 0.10255390006381061
  Information Type Accuracy (overall, multi-type, macro): 0.8981654135338346
  High Importance Information Type Precision (positive class, multi-type, macro): 0.04635416666666667
  High Importance Information Type Recall (positive class, multi-type, macro): 0.056313131313131315
  High Importance Information Type F1 (positive class, multi-type, macro): 0.048503401360544214
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9711779448621553
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.21285272641095068
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.12549949816398712
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.119622247860168418
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8751088246933123

coloradoStemShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.1276194850475848
  Information Type Recall (positive class, multi-type, macro): 0.05811001290188128
  Information Type F1 (positive class, multi-type, macro): 0.043511428512473964
  Information Type Accuracy (overall, multi-type, macro): 0.8807102502017756
  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): 0.9955609362389023
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.16792037506261157
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.07646054329194905
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.05725187962167627
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8444416125058409

southAfricaFloods2019
  Information Type Precision (positive class, multi-type, macro): 0.21842383286178801
  Information Type Recall (positive class, multi-type, macro): 0.12165131055070035
  Information Type F1 (positive class, multi-type, macro): 0.11319386317986402
  Information Type Accuracy (overall, multi-type, macro): 0.863543365455893
  High Importance Information Type Precision (positive class, multi-type, macro): 0.05289855072463768
  High Importance Information Type Recall (positive class, multi-type, macro): 0.020445947033727763
  High Importance Information Type F1 (positive class, multi-type, macro): 0.02752536725730728
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9604645416357797
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.2706949745893092
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.1536108990297443
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.14024707241856615
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8329366782411923

sandiegoSynagogueShooting2019
  Information Type Precision (positive class, multi-type, macro): 0.2321368003473497
  Information Type Recall (positive class, multi-type, macro): 0.05874479669412782
  Information Type F1 (positive class, multi-type, macro): 0.062256457111267906
  Information Type Accuracy (overall, multi-type, macro): 0.8065979381443299
```

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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): 0.9980363279332352
Low Importance Information Type Precision (positive class, multi-type, macro): 0.30544315835177593
Low Importance Information Type Recall (positive class, multi-type, macro): 0.07729578512385239
Low Importance Information Type F1 (positive class, multi-type, macro): 0.08191639093587882
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7461437097899387
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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      1.00      1.00      9223
Request-GoodsServices       0.04      0.05      0.05        38

           micro avg        0.99      0.99      0.99      9261
           macro avg        0.52      0.52      0.52      9261
        weighted avg        0.99      0.99      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      1.00      9228
Request-InformationWanted       0.09      0.15      0.11        33

           micro avg         0.99      0.99      0.99      9261
           macro avg         0.54      0.57      0.55      9261
        weighted avg         0.99      0.99      0.99      9261


CallToAction-Volunteer
                      precision    recall  f1-score   support

       Other Classes       1.00      0.99      1.00      9237
CallToAction-Volunteer       0.09      0.21      0.12        24

           micro avg        0.99      0.99      0.99      9261
           macro avg        0.54      0.60      0.56      9261
        weighted avg        1.00      0.99      0.99      9261


CallToAction-Donations
                      precision    recall  f1-score   support

       Other Classes       0.99      0.99      0.99      9155
CallToAction-Donations       0.17      0.15      0.16       106

           micro avg        0.98      0.98      0.98      9261
           macro avg        0.58      0.57      0.58      9261
        weighted avg        0.98      0.98      0.98      9261


CallToAction-MovePeople
                      precision    recall  f1-score   support

       Other Classes       0.99      0.99      0.99      9158
CallToAction-MovePeople       0.06      0.06      0.06       103

           micro avg        0.98      0.98      0.98      9261
           macro avg        0.53      0.52      0.53      9261
        weighted avg        0.98      0.98      0.98      9261


Report-FirstPartyObservation
                          precision    recall  f1-score   support

            Other Classes       0.97      0.97      0.97      8942
Report-FirstPartyObservation       0.10      0.09      0.09       319

           micro avg            0.94      0.94      0.94      9261
           macro avg            0.53      0.53      0.53      9261
        weighted avg            0.94      0.94      0.94      9261
```

Report-ThirdPartyObservation

	precision	recall	f1-score	support
Other Classes	0.84	0.95	0.89	7785
Report-ThirdPartyObservation	0.08	0.02	0.03	1476
micro avg	0.80	0.80	0.80	9261
macro avg	0.46	0.49	0.46	9261
weighted avg	0.72	0.80	0.75	9261

Report-Weather

	precision	recall	f1-score	support
Other Classes	0.90	0.97	0.93	8123
Report-Weather	0.52	0.25	0.34	1138
micro avg	0.88	0.88	0.88	9261
macro avg	0.71	0.61	0.64	9261
weighted avg	0.86	0.88	0.86	9261

Report-Location

	precision	recall	f1-score	support
Other Classes	0.48	0.98	0.64	4351
Report-Location	0.74	0.06	0.10	4910
micro avg	0.49	0.49	0.49	9261
macro avg	0.61	0.52	0.37	9261
weighted avg	0.62	0.49	0.36	9261

Report-EmergingThreats

	precision	recall	f1-score	support
Other Classes	0.93	0.97	0.95	8621
Report-EmergingThreats	0.17	0.09	0.12	640
micro avg	0.91	0.91	0.91	9261
macro avg	0.55	0.53	0.53	9261
weighted avg	0.88	0.91	0.89	9261

Report-NewSubEvent

	precision	recall	f1-score	support
Other Classes	0.98	0.98	0.98	9051
Report-NewSubEvent	0.01	0.01	0.01	210
micro avg	0.96	0.96	0.96	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.96	0.96	0.96	9261

Report-MultimediaShare

	precision	recall	f1-score	support
Other Classes	0.63	0.97	0.76	5719
Report-MultimediaShare	0.63	0.09	0.15	3542
micro avg	0.63	0.63	0.63	9261
macro avg	0.63	0.53	0.46	9261
weighted avg	0.63	0.63	0.53	9261

Report-ServiceAvailable

	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	8916
Report-ServiceAvailable	0.25	0.09	0.13	345
micro avg	0.96	0.96	0.96	9261
macro avg	0.61	0.54	0.55	9261
weighted avg	0.94	0.96	0.95	9261

Report-Factoid

	precision	recall	f1-score	support

```
        Other Classes          0.67      0.94      0.79      6019
        Report-Factoid         0.60      0.16      0.25      3242

            micro avg          0.67      0.67      0.67      9261
            macro avg          0.64      0.55      0.52      9261
         weighted avg          0.65      0.67      0.60      9261


Report-Official
                      precision    recall  f1-score   support

        Other Classes          0.92      0.97      0.95      8486
      Report-Official          0.32      0.13      0.18       775

            micro avg          0.90      0.90      0.90      9261
            macro avg          0.62      0.55      0.57      9261
         weighted avg          0.87      0.90      0.89      9261


Report-News
                      precision    recall  f1-score   support

        Other Classes          0.70      0.96      0.81      6421
          Report-News          0.49      0.09      0.16      2840

            micro avg          0.69      0.69      0.69      9261
            macro avg          0.60      0.53      0.48      9261
         weighted avg          0.64      0.69      0.61      9261


Report-CleanUp
                      precision    recall  f1-score   support

        Other Classes          0.99      0.98      0.99      9201
       Report-CleanUp          0.02      0.07      0.03        60

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


Report-Hashtags
                      precision    recall  f1-score   support

        Other Classes          0.74      0.97      0.84      6757
      Report-Hashtags          0.53      0.09      0.15      2504

            micro avg          0.73      0.73      0.73      9261
            macro avg          0.63      0.53      0.50      9261
         weighted avg          0.68      0.73      0.65      9261


Report-OriginalEvent
                         precision    recall  f1-score   support

        Other Classes          0.92      0.95      0.93      8321
 Report-OriginalEvent          0.37      0.25      0.30       940

            micro avg          0.88      0.88      0.88      9261
            macro avg          0.64      0.60      0.62      9261
         weighted avg          0.86      0.88      0.87      9261


Other-ContextualInformation
                                 precision    recall  f1-score   support

            Other Classes          0.97      0.90      0.94      9014
Other-ContextualInformation        0.03      0.11      0.05       247

            micro avg          0.88      0.88      0.88      9261
            macro avg          0.50      0.51      0.49      9261
         weighted avg          0.95      0.88      0.91      9261


Other-Advice
                      precision    recall  f1-score   support

        Other Classes          0.97      0.98      0.98      8946
         Other-Advice          0.26      0.23      0.24       315

            micro avg          0.95      0.95      0.95      9261
            macro avg          0.62      0.60      0.61      9261
```

```
weighted avg         0.95      0.95      0.95      9261


Other-Sentiment
               precision    recall  f1-score   support

  Other Classes      0.94      0.93      0.93      8481
Other-Sentiment      0.28      0.31      0.30       780

      micro avg      0.88      0.88      0.88      9261
      macro avg      0.61      0.62      0.61      9261
   weighted avg      0.88      0.88      0.88      9261


Other-Discussion
               precision    recall  f1-score   support

   Other Classes     0.95      0.95      0.95      8805
Other-Discussion     0.10      0.10      0.10       456

       micro avg     0.91      0.91      0.91      9261
       macro avg     0.52      0.53      0.53      9261
    weighted avg     0.91      0.91      0.91      9261


Other-Irrelevant
               precision    recall  f1-score   support

   Other Classes     0.69      0.94      0.79      6224
Other-Irrelevant     0.49      0.13      0.20      3037

       micro avg     0.67      0.67      0.67      9261
       macro avg     0.59      0.53      0.50      9261
    weighted avg     0.62      0.67      0.60      9261
```