

TREC-IS 2018 Notebook Evaluator v1.0  
Run: umdhcilbaseline (umdhcilbaseline.gz)

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EVALUATOR: Information Type Categorization (Multi-type)  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.1865631767073  
3372  
> Information Type Recall (positive class, multi-type, macro): 0.09059749596626693  
> Information Type F1 (positive class, multi-type, macro): 0.1095691704837773  
> Information Type Accuracy (overall, multi-type, macro): 0.8993065103113626

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EVALUATOR: Information Priority Level  
Overall Performance  
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> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

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EVALUATOR: Information Type Categorization (Any-type)  
Overall Performance (Micro Average)  
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> Information Type Precision (any valid type, micro): 0.3977645018307959  
> Information Type Recall (any valid type, micro): 0.6251388187783947  
> Information Type F1 (any valid type, micro): 0.48618090452261303  
> Information Type Accuracy (any valid type, micro): 0.3384553174282248

TREC-IS 2018 Notebook Evaluator v1.0  
Run: umdhcilbaseline (umdhcilbaseline.gz)

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EVALUATOR: Information Type Categorization (Multi-type)  
Per Event Performance  
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## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08982229355035541  
Information Type Recall (positive class, multi-type, macro): 0.15637136628446155  
Information Type F1 (positive class, multi-type, macro): 0.08510237329569872  
Information Type Accuracy (overall, multi-type, macro): 0.8813296398891969

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.08687591875005848  
Information Type Recall (positive class, multi-type, macro): 0.1995288996586261  
Information Type F1 (positive class, multi-type, macro): 0.09092099598227325  
Information Type Accuracy (overall, multi-type, macro): 0.8749778434268832

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.08444374178771147  
Information Type Recall (positive class, multi-type, macro): 0.18302975224668352  
Information Type F1 (positive class, multi-type, macro): 0.08485092510872569  
Information Type Accuracy (overall, multi-type, macro): 0.8747663551401869

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.09631092609250802  
Information Type Recall (positive class, multi-type, macro): 0.11129255707856114  
Information Type F1 (positive class, multi-type, macro): 0.06675462636254913  
Information Type Accuracy (overall, multi-type, macro): 0.8878456591639872

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.04457519232064198  
Information Type Recall (positive class, multi-type, macro): 0.14737785449869725  
Information Type F1 (positive class, multi-type, macro): 0.05746246291170015  
Information Type Accuracy (overall, multi-type, macro): 0.8697674418604651

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.10495557905985713  
Information Type Recall (positive class, multi-type, macro): 0.21893499622071055  
Information Type F1 (positive class, multi-type, macro): 0.13339767040179606  
Information Type Accuracy (overall, multi-type, macro): 0.87974025974026

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.11901353905257615  
Information Type Recall (positive class, multi-type, macro): 0.07680952380952383  
Information Type F1 (positive class, multi-type, macro): 0.06375657010865722  
Information Type Accuracy (overall, multi-type, macro): 0.9223300970873786

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.1168532501980778  
Information Type Recall (positive class, multi-type, macro): 0.17877899877899883  
Information Type F1 (positive class, multi-type, macro): 0.1255052316104948  
Information Type Accuracy (overall, multi-type, macro): 0.8687500000000001

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.0852353362810733  
Information Type Recall (positive class, multi-type, macro): 0.18161941492339972  
Information Type F1 (positive class, multi-type, macro): 0.08880482797224981  
Information Type Accuracy (overall, multi-type, macro): 0.9161070559610706

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.09259436858824353  
Information Type Recall (positive class, multi-type, macro): 0.15719158634336436  
Information Type F1 (positive class, multi-type, macro): 0.09146629960812445

Information Type Accuracy (overall, multi-type, macro): 0.9175897969807392

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.06081103612472836

Information Type Recall (positive class, multi-type, macro): 0.11346987624891572

Information Type F1 (positive class, multi-type, macro): 0.07027653337813586

Information Type Accuracy (overall, multi-type, macro): 0.9057502420135528

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.0873600803348537

Information Type Recall (positive class, multi-type, macro): 0.11556820505980168

Information Type F1 (positive class, multi-type, macro): 0.07523429113997074

Information Type Accuracy (overall, multi-type, macro): 0.88558352402746

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.08005917031135963

Information Type Recall (positive class, multi-type, macro): 0.1685413613726308

Information Type F1 (positive class, multi-type, macro): 0.10165108303094364

Information Type Accuracy (overall, multi-type, macro): 0.8753436185133239

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.09455320725158069

Information Type Recall (positive class, multi-type, macro): 0.18980985268207692

Information Type F1 (positive class, multi-type, macro): 0.108896901936883

Information Type Accuracy (overall, multi-type, macro): 0.8887860720248032

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.06458881739280532

Information Type Recall (positive class, multi-type, macro): 0.14983688725866448

Information Type F1 (positive class, multi-type, macro): 0.08433726346050911

Information Type Accuracy (overall, multi-type, macro): 0.8802127659574469

TREC-IS 2018 Notebook Evaluator v1.0  
 Run: umdhcilbaseline (umdhcilbaseline.gz)

-----  
 EVALUATOR: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
 -----

## Request-GoodsServices

|                       | precision | recall | f1-score | support |
|-----------------------|-----------|--------|----------|---------|
| Other Classes         | 0.99      | 1.00   | 1.00     | 19658   |
| Request-GoodsServices | 0.00      | 0.00   | 0.00     | 126     |
| avg / total           | 0.99      | 0.99   | 0.99     | 19784   |

## Request-SearchAndRescue

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 0.99      | 1.00   | 0.99     | 19498   |
| Request-SearchAndRescue | 0.00      | 0.00   | 0.00     | 286     |
| avg / total             | 0.97      | 0.99   | 0.98     | 19784   |

## Request-InformationWanted

|                           | precision | recall | f1-score | support |
|---------------------------|-----------|--------|----------|---------|
| Other Classes             | 0.99      | 1.00   | 0.99     | 19612   |
| Request-InformationWanted | 0.07      | 0.02   | 0.03     | 172     |
| avg / total               | 0.98      | 0.99   | 0.99     | 19784   |

## CallToAction-Volunteer

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.99      | 1.00   | 1.00     | 19668   |
| CallToAction-Volunteer | 0.00      | 0.00   | 0.00     | 116     |
| avg / total            | 0.99      | 0.99   | 0.99     | 19784   |

## CallToAction-Donations

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.96      | 0.99   | 0.98     | 18980   |
| CallToAction-Donations | 0.31      | 0.15   | 0.20     | 804     |
| avg / total            | 0.94      | 0.95   | 0.94     | 19784   |

## CallToAction-MovePeople

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 1.00      | 0.99   | 1.00     | 19757   |
| CallToAction-MovePeople | 0.01      | 0.07   | 0.02     | 27      |
| avg / total             | 1.00      | 0.99   | 0.99     | 19784   |

## Report-FirstPartyObservation

|               | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 0.81      | 0.98   | 0.89     | 15977   |

|                               |           |        |          |         |
|-------------------------------|-----------|--------|----------|---------|
| Report-FirstPartyObservation  | 0.21      | 0.02   | 0.04     | 3807    |
| avg / total                   | 0.69      | 0.80   | 0.72     | 19784   |
| Report-ThirdPartyObservation  |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.79      | 0.99   | 0.88     | 15624   |
| Report-ThirdPartyObservation  | 0.21      | 0.01   | 0.01     | 4160    |
| avg / total                   | 0.67      | 0.79   | 0.70     | 19784   |
| Report-Weather                |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.94      | 0.97   | 0.95     | 18459   |
| Report-Weather                | 0.21      | 0.12   | 0.15     | 1325    |
| avg / total                   | 0.89      | 0.91   | 0.90     | 19784   |
| Report-EmergingThreats        |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.97      | 0.97   | 0.97     | 19098   |
| Report-EmergingThreats        | 0.06      | 0.06   | 0.06     | 686     |
| avg / total                   | 0.93      | 0.93   | 0.93     | 19784   |
| Report-SignificantEventChange |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.98      | 0.97   | 0.97     | 19369   |
| Report-SignificantEventChange | 0.03      | 0.04   | 0.03     | 415     |
| avg / total                   | 0.96      | 0.95   | 0.95     | 19784   |
| Report-MultimediaShare        |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.83      | 0.93   | 0.88     | 15810   |
| Report-MultimediaShare        | 0.47      | 0.23   | 0.31     | 3974    |
| avg / total                   | 0.76      | 0.79   | 0.76     | 19784   |
| Report-ServiceAvailable       |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.95      | 1.00   | 0.97     | 18708   |
| Report-ServiceAvailable       | 0.35      | 0.02   | 0.04     | 1076    |
| avg / total                   | 0.91      | 0.94   | 0.92     | 19784   |
| Report-Factoid                |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.89      | 0.96   | 0.92     | 17401   |
| Report-Factoid                | 0.32      | 0.14   | 0.20     | 2383    |

|                      |           |        |          |         |
|----------------------|-----------|--------|----------|---------|
| avg / total          | 0.82      | 0.86   | 0.84     | 19784   |
| Report-Official      | precision | recall | f1-score | support |
| Other Classes        | 0.98      | 0.97   | 0.98     | 19381   |
| Report-Official      | 0.11      | 0.15   | 0.13     | 403     |
| avg / total          | 0.96      | 0.96   | 0.96     | 19784   |
| Report-CleanUp       | precision | recall | f1-score | support |
| Other Classes        | 1.00      | 1.00   | 1.00     | 19722   |
| Report-CleanUp       | 0.00      | 0.00   | 0.00     | 62      |
| avg / total          | 0.99      | 1.00   | 1.00     | 19784   |
| Report-Hashtags      | precision | recall | f1-score | support |
| Other Classes        | 0.83      | 1.00   | 0.91     | 16421   |
| Report-Hashtags      | 0.00      | 0.00   | 0.00     | 3363    |
| avg / total          | 0.69      | 0.83   | 0.75     | 19784   |
| Other-PastNews       | precision | recall | f1-score | support |
| Other Classes        | 0.93      | 0.99   | 0.96     | 18433   |
| Other-PastNews       | 0.31      | 0.04   | 0.07     | 1351    |
| avg / total          | 0.89      | 0.93   | 0.90     | 19784   |
| Other-ContinuingNews | precision | recall | f1-score | support |
| Other Classes        | 0.79      | 0.92   | 0.85     | 14913   |
| Other-ContinuingNews | 0.49      | 0.24   | 0.33     | 4871    |
| avg / total          | 0.71      | 0.75   | 0.72     | 19784   |
| Other-Advice         | precision | recall | f1-score | support |
| Other Classes        | 0.95      | 0.96   | 0.95     | 18575   |
| Other-Advice         | 0.19      | 0.15   | 0.17     | 1209    |
| avg / total          | 0.90      | 0.91   | 0.90     | 19784   |
| Other-Sentiment      | precision | recall | f1-score | support |
| Other Classes        | 0.73      | 0.93   | 0.82     | 12832   |
| Other-Sentiment      | 0.74      | 0.38   | 0.50     | 6952    |
| avg / total          | 0.74      | 0.74   | 0.71     | 19784   |

| Other-Discussion | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.90      | 0.97   | 0.93     | 17724   |
| Other-Discussion | 0.30      | 0.12   | 0.17     | 2060    |
| avg / total      | 0.84      | 0.88   | 0.86     | 19784   |

| Other-Irrelevant | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.87      | 0.85   | 0.86     | 17179   |
| Other-Irrelevant | 0.17      | 0.19   | 0.18     | 2605    |
| avg / total      | 0.78      | 0.77   | 0.77     | 19784   |

| Other-Unknown | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 1.00      | 0.94   | 0.97     | 19707   |
| Other-Unknown | 0.00      | 0.01   | 0.00     | 77      |
| avg / total   | 0.99      | 0.94   | 0.96     | 19784   |

| Other-KnownAlready | precision | recall | f1-score | support |
|--------------------|-----------|--------|----------|---------|
| Other Classes      | 0.95      | 0.96   | 0.96     | 18683   |
| Other-KnownAlready | 0.12      | 0.08   | 0.09     | 1101    |
| avg / total        | 0.90      | 0.91   | 0.91     | 19784   |

TREC-IS 2018 Notebook Evaluator v1.0  
Run: umdhcilfasttext (umdhcilfasttext.gz)

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EVALUATOR: Information Type Categorization (Multi-type)  
Overall performance  
-----

> Information Type Precision (positive class, multi-type, macro): 0.1827373762937  
1423  
> Information Type Recall (positive class, multi-type, macro): 0.09617923510267447  
> Information Type F1 (positive class, multi-type, macro): 0.11166756870869092  
> Information Type Accuracy (overall, multi-type, macro): 0.9044096239385361

-----  
EVALUATOR: Information Priority Level  
Overall Performance  
-----

> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

-----  
EVALUATOR: Information Type Categorization (Any-type)  
Overall Performance (Micro Average)  
-----

> Information Type Precision (any valid type, micro): 0.45335922801480855  
> Information Type Recall (any valid type, micro): 0.7260180775585576  
> Information Type F1 (any valid type, micro): 0.558170813718897  
> Information Type Accuracy (any valid type, micro): 0.40224423776789325

TREC-IS 2018 Notebook Evaluator v1.0  
Run: umdhcilfasttext (umdhcilfasttext.gz)

-----  
EVALUATOR: Information Type Categorization (Multi-type)  
Per Event Performance  
-----

## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.12987554344818134  
Information Type Recall (positive class, multi-type, macro): 0.17493627169841577  
Information Type F1 (positive class, multi-type, macro): 0.0809637457139957  
Information Type Accuracy (overall, multi-type, macro): 0.8865373961218834

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.07769691871015505  
Information Type Recall (positive class, multi-type, macro): 0.20826951980408448  
Information Type F1 (positive class, multi-type, macro): 0.09299956541267167  
Information Type Accuracy (overall, multi-type, macro): 0.8843131462333824

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.0778118396530926  
Information Type Recall (positive class, multi-type, macro): 0.17490744328357102  
Information Type F1 (positive class, multi-type, macro): 0.08980898828086013  
Information Type Accuracy (overall, multi-type, macro): 0.8816448598130843

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.054987037306196855  
Information Type Recall (positive class, multi-type, macro): 0.10957643295671464  
Information Type F1 (positive class, multi-type, macro): 0.06966673577994331  
Information Type Accuracy (overall, multi-type, macro): 0.8922186495176848

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.05552871183618656  
Information Type Recall (positive class, multi-type, macro): 0.11463881055280202  
Information Type F1 (positive class, multi-type, macro): 0.051946640029473815  
Information Type Accuracy (overall, multi-type, macro): 0.8608228980322004

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.09876747238801777  
Information Type Recall (positive class, multi-type, macro): 0.26066666666666666  
Information Type F1 (positive class, multi-type, macro): 0.12778247940700382  
Information Type Accuracy (overall, multi-type, macro): 0.8802597402597401

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.07043477811857773  
Information Type Recall (positive class, multi-type, macro): 0.13666951566951566  
Information Type F1 (positive class, multi-type, macro): 0.06716975566155894  
Information Type Accuracy (overall, multi-type, macro): 0.9254368932038838

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.054226994776690525  
Information Type Recall (positive class, multi-type, macro): 0.1788730158730159  
Information Type F1 (positive class, multi-type, macro): 0.06964606818337091  
Information Type Accuracy (overall, multi-type, macro): 0.8737499999999999

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.06442369860494643  
Information Type Recall (positive class, multi-type, macro): 0.1346900452488688  
Information Type F1 (positive class, multi-type, macro): 0.06497079106408915  
Information Type Accuracy (overall, multi-type, macro): 0.910851581508516

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.08889380111503055  
Information Type Recall (positive class, multi-type, macro): 0.15727340927917047  
Information Type F1 (positive class, multi-type, macro): 0.0946419151689874

Information Type Accuracy (overall, multi-type, macro): 0.9240135346173867

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.07528222278521564

Information Type Recall (positive class, multi-type, macro): 0.10075291966949715

Information Type F1 (positive class, multi-type, macro): 0.07154021259112725

Information Type Accuracy (overall, multi-type, macro): 0.9147725072604068

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.13762823393499707

Information Type Recall (positive class, multi-type, macro): 0.1598361422226122

Information Type F1 (positive class, multi-type, macro): 0.08616957611465562

Information Type Accuracy (overall, multi-type, macro): 0.8916247139588102

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.09519139395242357

Information Type Recall (positive class, multi-type, macro): 0.18399804605858325

Information Type F1 (positive class, multi-type, macro): 0.11124472957309957

Information Type Accuracy (overall, multi-type, macro): 0.8801683029453018

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.10611904532574912

Information Type Recall (positive class, multi-type, macro): 0.22339481143767784

Information Type F1 (positive class, multi-type, macro): 0.11414483382419195

Information Type Accuracy (overall, multi-type, macro): 0.8937276413069399

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.0968911479448465

Information Type Recall (positive class, multi-type, macro): 0.2181455898661184

Information Type F1 (positive class, multi-type, macro): 0.11127498832449399

Information Type Accuracy (overall, multi-type, macro): 0.884326241134752

TREC-IS 2018 Notebook Evaluator v1.0  
 Run: umdhcilfasttext (umdhcilfasttext.gz)

-----  
 EVALUATION: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
 -----

## Request-GoodsServices

|                       | precision | recall | f1-score | support |
|-----------------------|-----------|--------|----------|---------|
| Other Classes         | 0.99      | 1.00   | 1.00     | 19658   |
| Request-GoodsServices | 0.00      | 0.00   | 0.00     | 126     |
| avg / total           | 0.99      | 0.99   | 0.99     | 19784   |

## Request-SearchAndRescue

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 0.99      | 1.00   | 0.99     | 19498   |
| Request-SearchAndRescue | 0.00      | 0.00   | 0.00     | 286     |
| avg / total             | 0.97      | 0.99   | 0.98     | 19784   |

## Request-InformationWanted

|                           | precision | recall | f1-score | support |
|---------------------------|-----------|--------|----------|---------|
| Other Classes             | 0.99      | 1.00   | 0.99     | 19612   |
| Request-InformationWanted | 0.06      | 0.01   | 0.02     | 172     |
| avg / total               | 0.98      | 0.99   | 0.99     | 19784   |

## CallToAction-Volunteer

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.99      | 1.00   | 1.00     | 19668   |
| CallToAction-Volunteer | 0.00      | 0.00   | 0.00     | 116     |
| avg / total            | 0.99      | 0.99   | 0.99     | 19784   |

## CallToAction-Donations

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.97      | 0.96   | 0.97     | 18980   |
| CallToAction-Donations | 0.23      | 0.28   | 0.25     | 804     |
| avg / total            | 0.94      | 0.93   | 0.94     | 19784   |

## CallToAction-MovePeople

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 1.00      | 1.00   | 1.00     | 19757   |
| CallToAction-MovePeople | 0.03      | 0.07   | 0.04     | 27      |
| avg / total             | 1.00      | 1.00   | 1.00     | 19784   |

## Report-FirstPartyObservation

|               | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 0.81      | 0.99   | 0.89     | 15977   |

|                               |           |        |          |         |
|-------------------------------|-----------|--------|----------|---------|
| Report-FirstPartyObservation  | 0.30      | 0.01   | 0.02     | 3807    |
| avg / total                   | 0.71      | 0.80   | 0.72     | 19784   |
| Report-ThirdPartyObservation  |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.79      | 0.99   | 0.88     | 15624   |
| Report-ThirdPartyObservation  | 0.31      | 0.01   | 0.02     | 4160    |
| avg / total                   | 0.69      | 0.79   | 0.70     | 19784   |
| Report-Weather                |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.94      | 0.98   | 0.96     | 18459   |
| Report-Weather                | 0.39      | 0.17   | 0.23     | 1325    |
| avg / total                   | 0.91      | 0.93   | 0.91     | 19784   |
| Report-EmergingThreats        |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.97      | 0.98   | 0.97     | 19098   |
| Report-EmergingThreats        | 0.05      | 0.03   | 0.04     | 686     |
| avg / total                   | 0.93      | 0.95   | 0.94     | 19784   |
| Report-SignificantEventChange |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.98      | 0.99   | 0.99     | 19369   |
| Report-SignificantEventChange | 0.06      | 0.02   | 0.03     | 415     |
| avg / total                   | 0.96      | 0.97   | 0.97     | 19784   |
| Report-MultimediaShare        |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.83      | 0.92   | 0.87     | 15810   |
| Report-MultimediaShare        | 0.44      | 0.25   | 0.32     | 3974    |
| avg / total                   | 0.75      | 0.79   | 0.76     | 19784   |
| Report-ServiceAvailable       |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.95      | 1.00   | 0.97     | 18708   |
| Report-ServiceAvailable       | 0.13      | 0.01   | 0.02     | 1076    |
| avg / total                   | 0.90      | 0.94   | 0.92     | 19784   |
| Report-Factoid                |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.89      | 0.97   | 0.93     | 17401   |
| Report-Factoid                | 0.40      | 0.14   | 0.21     | 2383    |

|                      |           |        |          |         |
|----------------------|-----------|--------|----------|---------|
| avg / total          | 0.83      | 0.87   | 0.84     | 19784   |
| Report-Official      | precision | recall | f1-score | support |
| Other Classes        | 0.98      | 0.99   | 0.99     | 19381   |
| Report-Official      | 0.05      | 0.01   | 0.02     | 403     |
| avg / total          | 0.96      | 0.97   | 0.97     | 19784   |
| Report-CleanUp       | precision | recall | f1-score | support |
| Other Classes        | 1.00      | 1.00   | 1.00     | 19722   |
| Report-CleanUp       | 0.00      | 0.00   | 0.00     | 62      |
| avg / total          | 0.99      | 1.00   | 1.00     | 19784   |
| Report-Hashtags      | precision | recall | f1-score | support |
| Other Classes        | 0.83      | 1.00   | 0.91     | 16421   |
| Report-Hashtags      | 0.00      | 0.00   | 0.00     | 3363    |
| avg / total          | 0.69      | 0.83   | 0.75     | 19784   |
| Other-PastNews       | precision | recall | f1-score | support |
| Other Classes        | 0.93      | 1.00   | 0.96     | 18433   |
| Other-PastNews       | 0.10      | 0.00   | 0.01     | 1351    |
| avg / total          | 0.87      | 0.93   | 0.90     | 19784   |
| Other-ContinuingNews | precision | recall | f1-score | support |
| Other Classes        | 0.79      | 0.87   | 0.83     | 14913   |
| Other-ContinuingNews | 0.44      | 0.31   | 0.36     | 4871    |
| avg / total          | 0.71      | 0.73   | 0.72     | 19784   |
| Other-Advice         | precision | recall | f1-score | support |
| Other Classes        | 0.95      | 0.94   | 0.94     | 18575   |
| Other-Advice         | 0.18      | 0.21   | 0.19     | 1209    |
| avg / total          | 0.90      | 0.89   | 0.90     | 19784   |
| Other-Sentiment      | precision | recall | f1-score | support |
| Other Classes        | 0.77      | 0.90   | 0.83     | 12832   |
| Other-Sentiment      | 0.74      | 0.52   | 0.61     | 6952    |
| avg / total          | 0.76      | 0.77   | 0.75     | 19784   |

| Other-Discussion | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.90      | 0.97   | 0.93     | 17724   |
| Other-Discussion | 0.20      | 0.07   | 0.10     | 2060    |
| avg / total      | 0.83      | 0.87   | 0.85     | 19784   |

| Other-Irrelevant | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.88      | 0.88   | 0.88     | 17179   |
| Other-Irrelevant | 0.19      | 0.19   | 0.19     | 2605    |
| avg / total      | 0.79      | 0.78   | 0.79     | 19784   |

| Other-Unknown | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 1.00      | 0.97   | 0.98     | 19707   |
| Other-Unknown | 0.00      | 0.03   | 0.01     | 77      |
| avg / total   | 0.99      | 0.96   | 0.98     | 19784   |

| Other-KnownAlready | precision | recall | f1-score | support |
|--------------------|-----------|--------|----------|---------|
| Other Classes      | 0.95      | 0.99   | 0.97     | 18683   |
| Other-KnownAlready | 0.27      | 0.06   | 0.10     | 1101    |
| avg / total        | 0.91      | 0.94   | 0.92     | 19784   |

TREC-IS 2018 Notebook Evaluator v1.0

Run: umdhcilfts (umdhcilfts.gz)

-----  
EVALUATOR: Information Type Categorization (Multi-type)

Overall performance

-----  
> Information Type Precision (positive class, multi-type, macro): 0.0992903457998  
9587  
> Information Type Recall (positive class, multi-type, macro): 0.04991489975504909  
> Information Type F1 (positive class, multi-type, macro): 0.04199372347948128  
> Information Type Accuracy (overall, multi-type, macro): 0.8932005661140314

-----  
EVALUATOR: Information Priority Level

Overall Performance

-----  
> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

-----  
EVALUATOR: Information Type Categorization (Any-type)

Overall Performance (Micro Average)

-----  
> Information Type Precision (any valid type, micro): 0.2769958275382476  
> Information Type Recall (any valid type, micro): 0.7565719495517399  
> Information Type F1 (any valid type, micro): 0.4055220719986969  
> Information Type Accuracy (any valid type, micro): 0.26213101496158514

TREC-IS 2018 Notebook Evaluator v1.0

Run: umdhcilfts (umdhcilfts.gz)

-----  
EVALUATOR: Information Type Categorization (Multi-type)Per Event Performance  
-----

## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.04501058026077267  
Information Type Recall (positive class, multi-type, macro): 0.07895242443598763  
Information Type F1 (positive class, multi-type, macro): 0.0463075449449695  
Information Type Accuracy (overall, multi-type, macro): 0.8883102493074793

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.05467157487751496  
Information Type Recall (positive class, multi-type, macro): 0.12622733839947461  
Information Type F1 (positive class, multi-type, macro): 0.0498947724166303  
Information Type Accuracy (overall, multi-type, macro): 0.8927031019202363

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.03804030830697438  
Information Type Recall (positive class, multi-type, macro): 0.08907549361207896  
Information Type F1 (positive class, multi-type, macro): 0.033017062054144425  
Information Type Accuracy (overall, multi-type, macro): 0.8683364485981308

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.043001980198019804  
Information Type Recall (positive class, multi-type, macro): 0.07  
Information Type F1 (positive class, multi-type, macro): 0.04013869188337273  
Information Type Accuracy (overall, multi-type, macro): 0.9171704180064307

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.038458272648680895  
Information Type Recall (positive class, multi-type, macro): 0.12238980981353861  
Information Type F1 (positive class, multi-type, macro): 0.013815239107022355  
Information Type Accuracy (overall, multi-type, macro): 0.8523076923076924

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.06142440447253281  
Information Type Recall (positive class, multi-type, macro): 0.13656410256410256  
Information Type F1 (positive class, multi-type, macro): 0.0663659855241763  
Information Type Accuracy (overall, multi-type, macro): 0.8859740259740262

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.037241379310344824  
Information Type Recall (positive class, multi-type, macro): 0.013333333333333332  
Information Type F1 (positive class, multi-type, macro): 0.019636363636363632  
Information Type Accuracy (overall, multi-type, macro): 0.9254368932038836

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.0468152709359606  
Information Type Recall (positive class, multi-type, macro): 0.11666666666666665  
Information Type F1 (positive class, multi-type, macro): 0.05290382819794584  
Information Type Accuracy (overall, multi-type, macro): 0.8879166666666665

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.05106875685021381  
Information Type Recall (positive class, multi-type, macro): 0.07165183537263627  
Information Type F1 (positive class, multi-type, macro): 0.029307994535590676  
Information Type Accuracy (overall, multi-type, macro): 0.909683698296837

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.051720734140102566  
Information Type Recall (positive class, multi-type, macro): 0.08202762975038576  
Information Type F1 (positive class, multi-type, macro): 0.03778899147203737

Information Type Accuracy (overall, multi-type, macro): 0.9054398750650701

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.047670334852356694

Information Type Recall (positive class, multi-type, macro): 0.07062625529316806

Information Type F1 (positive class, multi-type, macro): 0.02674571575940706

Information Type Accuracy (overall, multi-type, macro): 0.9015682478218782

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.07201613974922302

Information Type Recall (positive class, multi-type, macro): 0.11899671553312505

Information Type F1 (positive class, multi-type, macro): 0.04757203288716512

Information Type Accuracy (overall, multi-type, macro): 0.8848512585812358

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.054193051817529064

Information Type Recall (positive class, multi-type, macro): 0.10839321656936336

Information Type F1 (positive class, multi-type, macro): 0.05173281381601531

Information Type Accuracy (overall, multi-type, macro): 0.8825245441795233

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.05473399068112375

Information Type Recall (positive class, multi-type, macro): 0.13444752598225793

Information Type F1 (positive class, multi-type, macro): 0.044159793201816594

Information Type Accuracy (overall, multi-type, macro): 0.8810207488671594

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.033845186242538454

Information Type Recall (positive class, multi-type, macro): 0.08045650161439635

Information Type F1 (positive class, multi-type, macro): 0.04000108952517802

Information Type Accuracy (overall, multi-type, macro): 0.8895744680851065

TREC-IS 2018 Notebook Evaluator v1.0

Run: umdhcilfts (umdhcilfts.gz)

-----  
 EVALUATION: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
 -----

## Request-GoodsServices

|                       | precision | recall | f1-score | support |
|-----------------------|-----------|--------|----------|---------|
| Other Classes         | 0.99      | 1.00   | 1.00     | 19658   |
| Request-GoodsServices | 0.00      | 0.00   | 0.00     | 126     |
| avg / total           | 0.99      | 0.99   | 0.99     | 19784   |

## Request-SearchAndRescue

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 0.99      | 1.00   | 0.99     | 19498   |
| Request-SearchAndRescue | 0.00      | 0.00   | 0.00     | 286     |
| avg / total             | 0.97      | 0.99   | 0.98     | 19784   |

## Request-InformationWanted

|                           | precision | recall | f1-score | support |
|---------------------------|-----------|--------|----------|---------|
| Other Classes             | 0.99      | 1.00   | 0.99     | 19612   |
| Request-InformationWanted | 0.03      | 0.01   | 0.01     | 172     |
| avg / total               | 0.98      | 0.99   | 0.99     | 19784   |

## CallToAction-Volunteer

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.99      | 1.00   | 1.00     | 19668   |
| CallToAction-Volunteer | 0.00      | 0.00   | 0.00     | 116     |
| avg / total            | 0.99      | 0.99   | 0.99     | 19784   |

## CallToAction-Donations

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.96      | 0.92   | 0.94     | 18980   |
| CallToAction-Donations | 0.06      | 0.12   | 0.08     | 804     |
| avg / total            | 0.92      | 0.89   | 0.91     | 19784   |

## CallToAction-MovePeople

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 1.00      | 1.00   | 1.00     | 19757   |
| CallToAction-MovePeople | 0.00      | 0.00   | 0.00     | 27      |
| avg / total             | 1.00      | 1.00   | 1.00     | 19784   |

## Report-FirstPartyObservation

|               | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 0.81      | 1.00   | 0.89     | 15977   |

|                               |           |        |          |         |
|-------------------------------|-----------|--------|----------|---------|
| Report-FirstPartyObservation  | 0.25      | 0.00   | 0.01     | 3807    |
| avg / total                   | 0.70      | 0.81   | 0.72     | 19784   |
| Report-ThirdPartyObservation  |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.79      | 0.97   | 0.87     | 15624   |
| Report-ThirdPartyObservation  | 0.04      | 0.00   | 0.01     | 4160    |
| avg / total                   | 0.63      | 0.77   | 0.69     | 19784   |
| Report-Weather                |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.93      | 1.00   | 0.96     | 18459   |
| Report-Weather                | 0.12      | 0.00   | 0.00     | 1325    |
| avg / total                   | 0.88      | 0.93   | 0.90     | 19784   |
| Report-EmergingThreats        |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.97      | 0.99   | 0.98     | 19098   |
| Report-EmergingThreats        | 0.02      | 0.00   | 0.01     | 686     |
| avg / total                   | 0.93      | 0.96   | 0.95     | 19784   |
| Report-SignificantEventChange |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.98      | 0.98   | 0.98     | 19369   |
| Report-SignificantEventChange | 0.00      | 0.00   | 0.00     | 415     |
| avg / total                   | 0.96      | 0.96   | 0.96     | 19784   |
| Report-MultimediaShare        |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.80      | 0.97   | 0.88     | 15810   |
| Report-MultimediaShare        | 0.23      | 0.04   | 0.07     | 3974    |
| avg / total                   | 0.69      | 0.78   | 0.71     | 19784   |
| Report-ServiceAvailable       |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.95      | 1.00   | 0.97     | 18708   |
| Report-ServiceAvailable       | 0.11      | 0.01   | 0.02     | 1076    |
| avg / total                   | 0.90      | 0.94   | 0.92     | 19784   |
| Report-Factoid                |           |        |          |         |
|                               | precision | recall | f1-score | support |
| Other Classes                 | 0.88      | 0.98   | 0.92     | 17401   |
| Report-Factoid                | 0.06      | 0.01   | 0.02     | 2383    |

|                      |           |        |          |         |
|----------------------|-----------|--------|----------|---------|
| avg / total          | 0.78      | 0.86   | 0.82     | 19784   |
| Report-Official      | precision | recall | f1-score | support |
| Other Classes        | 0.98      | 0.98   | 0.98     | 19381   |
| Report-Official      | 0.03      | 0.03   | 0.03     | 403     |
| avg / total          | 0.96      | 0.96   | 0.96     | 19784   |
| Report-CleanUp       | precision | recall | f1-score | support |
| Other Classes        | 1.00      | 1.00   | 1.00     | 19722   |
| Report-CleanUp       | 0.00      | 0.00   | 0.00     | 62      |
| avg / total          | 0.99      | 1.00   | 1.00     | 19784   |
| Report-Hashtags      | precision | recall | f1-score | support |
| Other Classes        | 0.83      | 1.00   | 0.91     | 16421   |
| Report-Hashtags      | 0.00      | 0.00   | 0.00     | 3363    |
| avg / total          | 0.69      | 0.83   | 0.75     | 19784   |
| Other-PastNews       | precision | recall | f1-score | support |
| Other Classes        | 0.93      | 1.00   | 0.96     | 18433   |
| Other-PastNews       | 0.05      | 0.00   | 0.00     | 1351    |
| avg / total          | 0.87      | 0.93   | 0.90     | 19784   |
| Other-ContinuingNews | precision | recall | f1-score | support |
| Other Classes        | 0.88      | 0.46   | 0.61     | 14913   |
| Other-ContinuingNews | 0.33      | 0.80   | 0.47     | 4871    |
| avg / total          | 0.74      | 0.55   | 0.57     | 19784   |
| Other-Advice         | precision | recall | f1-score | support |
| Other Classes        | 0.94      | 0.98   | 0.96     | 18575   |
| Other-Advice         | 0.05      | 0.01   | 0.02     | 1209    |
| avg / total          | 0.88      | 0.92   | 0.90     | 19784   |
| Other-Sentiment      | precision | recall | f1-score | support |
| Other Classes        | 0.67      | 0.98   | 0.79     | 12832   |
| Other-Sentiment      | 0.69      | 0.10   | 0.17     | 6952    |
| avg / total          | 0.68      | 0.67   | 0.57     | 19784   |

## Other-Discussion

|                  | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.90      | 1.00   | 0.94     | 17724   |
| Other-Discussion | 0.16      | 0.01   | 0.01     | 2060    |
| avg / total      | 0.82      | 0.89   | 0.85     | 19784   |

## Other-Irrelevant

|                  | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.87      | 0.94   | 0.90     | 17179   |
| Other-Irrelevant | 0.16      | 0.08   | 0.11     | 2605    |
| avg / total      | 0.78      | 0.83   | 0.80     | 19784   |

## Other-Unknown

|               | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 1.00      | 0.97   | 0.98     | 19707   |
| Other-Unknown | 0.00      | 0.00   | 0.00     | 77      |
| avg / total   | 0.99      | 0.97   | 0.98     | 19784   |

## Other-KnownAlready

|                    | precision | recall | f1-score | support |
|--------------------|-----------|--------|----------|---------|
| Other Classes      | 0.94      | 0.99   | 0.97     | 18683   |
| Other-KnownAlready | 0.09      | 0.01   | 0.02     | 1101    |
| avg / total        | 0.90      | 0.94   | 0.92     | 19784   |

TREC-IS 2018 Notebook Evaluator v1.0  
Run: umdhcilsread (umdhcilsread.gz)

-----  
EVALUATOR: Information Type Categorization (Multi-type)  
Overall performance  
-----

> Information Type Precision (positive class, multi-type, macro): 0.1288704928972  
8877  
> Information Type Recall (positive class, multi-type, macro): 0.05972774798610949  
> Information Type F1 (positive class, multi-type, macro): 0.06631683718409186  
> Information Type Accuracy (overall, multi-type, macro): 0.8930954306510313

-----  
EVALUATOR: Information Priority Level  
Overall Performance  
-----

> Priority Estimation Error (mean squared error, macro): 0.09434289369225503

-----  
EVALUATOR: Information Type Categorization (Any-type)  
Overall Performance (Micro Average)  
-----

> Information Type Precision (any valid type, micro): 0.27637215146496086  
> Information Type Recall (any valid type, micro): 0.7123509495068453  
> Information Type F1 (any valid type, micro): 0.3982388280799934  
> Information Type Accuracy (any valid type, micro): 0.26081682167408005

TREC-IS 2018 Notebook Evaluator v1.0  
Run: umdhcilsread (umdhcilsread.gz)

-----  
EVALUATOR: Information Type Categorization (Multi-type)  
Per Event Performance  
-----

## albertaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.039935639368356514  
Information Type Recall (positive class, multi-type, macro): 0.08491686916447548  
Information Type F1 (positive class, multi-type, macro): 0.04596368959932455  
Information Type Accuracy (overall, multi-type, macro): 0.8786703601108035

## australiaBushfire2013

Information Type Precision (positive class, multi-type, macro): 0.09882601244808857  
Information Type Recall (positive class, multi-type, macro): 0.13369700517141744  
Information Type F1 (positive class, multi-type, macro): 0.073768599939088  
Information Type Accuracy (overall, multi-type, macro): 0.8802954209748891

## bostonBombings2013

Information Type Precision (positive class, multi-type, macro): 0.04312970998585071  
Information Type Recall (positive class, multi-type, macro): 0.13899343281024423  
Information Type F1 (positive class, multi-type, macro): 0.04863846413198642  
Information Type Accuracy (overall, multi-type, macro): 0.8704299065420561

## chileEarthquake2014

Information Type Precision (positive class, multi-type, macro): 0.04781174088717111  
Information Type Recall (positive class, multi-type, macro): 0.12238221902707885  
Information Type F1 (positive class, multi-type, macro): 0.05351306142868188  
Information Type Accuracy (overall, multi-type, macro): 0.9091961414790996

## flSchoolShooting2018

Information Type Precision (positive class, multi-type, macro): 0.053225253715499535  
Information Type Recall (positive class, multi-type, macro): 0.15000867535957688  
Information Type F1 (positive class, multi-type, macro): 0.04494417007698695  
Information Type Accuracy (overall, multi-type, macro): 0.8576028622540253

## guatemalaEarthquake2012

Information Type Precision (positive class, multi-type, macro): 0.08621336432343903  
Information Type Recall (positive class, multi-type, macro): 0.24774229691876748  
Information Type F1 (positive class, multi-type, macro): 0.11669949739667271  
Information Type Accuracy (overall, multi-type, macro): 0.8776623376623378

## italyEarthquakes2012

Information Type Precision (positive class, multi-type, macro): 0.04508845307804319  
Information Type Recall (positive class, multi-type, macro): 0.0782375478927203  
Information Type F1 (positive class, multi-type, macro): 0.04190958160002751  
Information Type Accuracy (overall, multi-type, macro): 0.9254368932038836

## joplinTornado2011

Information Type Precision (positive class, multi-type, macro): 0.05624156877605154  
Information Type Recall (positive class, multi-type, macro): 0.11352777777777776  
Information Type F1 (positive class, multi-type, macro): 0.07202424242424244  
Information Type Accuracy (overall, multi-type, macro): 0.8770833333333333

## manilaFloods2013

Information Type Precision (positive class, multi-type, macro): 0.04228885904382593  
Information Type Recall (positive class, multi-type, macro): 0.04852157494006018  
Information Type F1 (positive class, multi-type, macro): 0.03406592553689652  
Information Type Accuracy (overall, multi-type, macro): 0.9098783454987835

## nepalEarthquake2015

Information Type Precision (positive class, multi-type, macro): 0.0628958174600828  
Information Type Recall (positive class, multi-type, macro): 0.09895237180737902  
Information Type F1 (positive class, multi-type, macro): 0.05610457063290375

Information Type Accuracy (overall, multi-type, macro): 0.9070640291514833

parisAttacks2015

Information Type Precision (positive class, multi-type, macro): 0.046332590565884076

Information Type Recall (positive class, multi-type, macro): 0.05835990645160472

Information Type F1 (positive class, multi-type, macro): 0.03766712840993682

Information Type Accuracy (overall, multi-type, macro): 0.9011423039690223

philipinnesFloods2012

Information Type Precision (positive class, multi-type, macro): 0.027859136212624588

Information Type Recall (positive class, multi-type, macro): 0.04862977224954836

Information Type F1 (positive class, multi-type, macro): 0.030049934657273056

Information Type Accuracy (overall, multi-type, macro): 0.8775286041189934

queenslandFloods2013

Information Type Precision (positive class, multi-type, macro): 0.059409617901599085

Information Type Recall (positive class, multi-type, macro): 0.12917145982958986

Information Type F1 (positive class, multi-type, macro): 0.07450214543262029

Information Type Accuracy (overall, multi-type, macro): 0.8768022440392709

typhoonHagupit2014

Information Type Precision (positive class, multi-type, macro): 0.0668506596435407

Information Type Recall (positive class, multi-type, macro): 0.16011808132642458

Information Type F1 (positive class, multi-type, macro): 0.07171456065863185

Information Type Accuracy (overall, multi-type, macro): 0.8822609110422133

typhoonYolanda2013

Information Type Precision (positive class, multi-type, macro): 0.060828520339653226

Information Type Recall (positive class, multi-type, macro): 0.14410834930463412

Information Type F1 (positive class, multi-type, macro): 0.08188259594670591

Information Type Accuracy (overall, multi-type, macro): 0.8921276595744684

TREC-IS 2018 Notebook Evaluator v1.0  
 Run: umdhcilsread (umdhcilsread.gz)

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 EVALUATION: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
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## Request-GoodsServices

|                       | precision | recall | f1-score | support |
|-----------------------|-----------|--------|----------|---------|
| Other Classes         | 0.99      | 1.00   | 1.00     | 19658   |
| Request-GoodsServices | 0.00      | 0.00   | 0.00     | 126     |
| avg / total           | 0.99      | 0.99   | 0.99     | 19784   |

## Request-SearchAndRescue

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 0.99      | 1.00   | 0.99     | 19498   |
| Request-SearchAndRescue | 0.00      | 0.00   | 0.00     | 286     |
| avg / total             | 0.97      | 0.99   | 0.98     | 19784   |

## Request-InformationWanted

|                           | precision | recall | f1-score | support |
|---------------------------|-----------|--------|----------|---------|
| Other Classes             | 0.99      | 0.99   | 0.99     | 19612   |
| Request-InformationWanted | 0.03      | 0.02   | 0.02     | 172     |
| avg / total               | 0.98      | 0.99   | 0.98     | 19784   |

## CallToAction-Volunteer

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.99      | 1.00   | 1.00     | 19668   |
| CallToAction-Volunteer | 0.00      | 0.00   | 0.00     | 116     |
| avg / total            | 0.99      | 0.99   | 0.99     | 19784   |

## CallToAction-Donations

|                        | precision | recall | f1-score | support |
|------------------------|-----------|--------|----------|---------|
| Other Classes          | 0.97      | 0.98   | 0.97     | 18980   |
| CallToAction-Donations | 0.24      | 0.17   | 0.20     | 804     |
| avg / total            | 0.94      | 0.95   | 0.94     | 19784   |

## CallToAction-MovePeople

|                         | precision | recall | f1-score | support |
|-------------------------|-----------|--------|----------|---------|
| Other Classes           | 1.00      | 0.99   | 1.00     | 19757   |
| CallToAction-MovePeople | 0.00      | 0.00   | 0.00     | 27      |
| avg / total             | 1.00      | 0.99   | 0.99     | 19784   |

## Report-FirstPartyObservation

|               | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 0.81      | 1.00   | 0.89     | 15977   |

|                               |           |        |          |         |
|-------------------------------|-----------|--------|----------|---------|
| Report-FirstPartyObservation  | 0.26      | 0.01   | 0.01     | 3807    |
| avg / total                   | 0.70      | 0.81   | 0.72     | 19784   |
| Report-ThirdPartyObservation  | precision | recall | f1-score | support |
| Other Classes                 | 0.79      | 1.00   | 0.88     | 15624   |
| Report-ThirdPartyObservation  | 0.20      | 0.00   | 0.00     | 4160    |
| avg / total                   | 0.67      | 0.79   | 0.70     | 19784   |
| Report-Weather                | precision | recall | f1-score | support |
| Other Classes                 | 0.93      | 0.98   | 0.96     | 18459   |
| Report-Weather                | 0.11      | 0.03   | 0.04     | 1325    |
| avg / total                   | 0.88      | 0.92   | 0.90     | 19784   |
| Report-EmergingThreats        | precision | recall | f1-score | support |
| Other Classes                 | 0.97      | 0.98   | 0.97     | 19098   |
| Report-EmergingThreats        | 0.05      | 0.03   | 0.04     | 686     |
| avg / total                   | 0.93      | 0.95   | 0.94     | 19784   |
| Report-SignificantEventChange | precision | recall | f1-score | support |
| Other Classes                 | 0.98      | 0.99   | 0.98     | 19369   |
| Report-SignificantEventChange | 0.03      | 0.02   | 0.03     | 415     |
| avg / total                   | 0.96      | 0.97   | 0.96     | 19784   |
| Report-MultimediaShare        | precision | recall | f1-score | support |
| Other Classes                 | 0.81      | 0.89   | 0.84     | 15810   |
| Report-MultimediaShare        | 0.25      | 0.15   | 0.19     | 3974    |
| avg / total                   | 0.70      | 0.74   | 0.71     | 19784   |
| Report-ServiceAvailable       | precision | recall | f1-score | support |
| Other Classes                 | 0.95      | 0.99   | 0.97     | 18708   |
| Report-ServiceAvailable       | 0.16      | 0.02   | 0.03     | 1076    |
| avg / total                   | 0.90      | 0.94   | 0.92     | 19784   |
| Report-Factoid                | precision | recall | f1-score | support |
| Other Classes                 | 0.88      | 0.94   | 0.91     | 17401   |
| Report-Factoid                | 0.12      | 0.06   | 0.08     | 2383    |

|             |      |      |      |       |
|-------------|------|------|------|-------|
| avg / total | 0.79 | 0.84 | 0.81 | 19784 |
|-------------|------|------|------|-------|

## Report-Official

|                 |           |        |          |         |
|-----------------|-----------|--------|----------|---------|
|                 | precision | recall | f1-score | support |
| Other Classes   | 0.98      | 0.98   | 0.98     | 19381   |
| Report-Official | 0.05      | 0.04   | 0.05     | 403     |
| avg / total     | 0.96      | 0.96   | 0.96     | 19784   |

## Report-CleanUp

|                |           |        |          |         |
|----------------|-----------|--------|----------|---------|
|                | precision | recall | f1-score | support |
| Other Classes  | 1.00      | 1.00   | 1.00     | 19722   |
| Report-CleanUp | 0.00      | 0.00   | 0.00     | 62      |
| avg / total    | 0.99      | 1.00   | 1.00     | 19784   |

## Report-Hashtags

|                 |           |        |          |         |
|-----------------|-----------|--------|----------|---------|
|                 | precision | recall | f1-score | support |
| Other Classes   | 0.83      | 1.00   | 0.91     | 16421   |
| Report-Hashtags | 0.00      | 0.00   | 0.00     | 3363    |
| avg / total     | 0.69      | 0.83   | 0.75     | 19784   |

## Other-PastNews

|                |           |        |          |         |
|----------------|-----------|--------|----------|---------|
|                | precision | recall | f1-score | support |
| Other Classes  | 0.93      | 1.00   | 0.96     | 18433   |
| Other-PastNews | 0.20      | 0.01   | 0.02     | 1351    |
| avg / total    | 0.88      | 0.93   | 0.90     | 19784   |

## Other-ContinuingNews

|                      |           |        |          |         |
|----------------------|-----------|--------|----------|---------|
|                      | precision | recall | f1-score | support |
| Other Classes        | 0.81      | 0.65   | 0.72     | 14913   |
| Other-ContinuingNews | 0.33      | 0.53   | 0.41     | 4871    |
| avg / total          | 0.69      | 0.62   | 0.65     | 19784   |

## Other-Advice

|               |           |        |          |         |
|---------------|-----------|--------|----------|---------|
|               | precision | recall | f1-score | support |
| Other Classes | 0.94      | 0.98   | 0.96     | 18575   |
| Other-Advice  | 0.07      | 0.02   | 0.03     | 1209    |
| avg / total   | 0.89      | 0.92   | 0.90     | 19784   |

## Other-Sentiment

|                 |           |        |          |         |
|-----------------|-----------|--------|----------|---------|
|                 | precision | recall | f1-score | support |
| Other Classes   | 0.68      | 0.97   | 0.80     | 12832   |
| Other-Sentiment | 0.71      | 0.15   | 0.25     | 6952    |
| avg / total     | 0.69      | 0.68   | 0.60     | 19784   |

| Other-Discussion | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.90      | 0.99   | 0.94     | 17724   |
| Other-Discussion | 0.15      | 0.02   | 0.03     | 2060    |
| avg / total      | 0.82      | 0.89   | 0.85     | 19784   |

| Other-Irrelevant | precision | recall | f1-score | support |
|------------------|-----------|--------|----------|---------|
| Other Classes    | 0.87      | 0.92   | 0.90     | 17179   |
| Other-Irrelevant | 0.19      | 0.12   | 0.15     | 2605    |
| avg / total      | 0.78      | 0.82   | 0.80     | 19784   |

| Other-Unknown | precision | recall | f1-score | support |
|---------------|-----------|--------|----------|---------|
| Other Classes | 1.00      | 0.97   | 0.98     | 19707   |
| Other-Unknown | 0.00      | 0.00   | 0.00     | 77      |
| avg / total   | 0.99      | 0.96   | 0.98     | 19784   |

| Other-KnownAlready | precision | recall | f1-score | support |
|--------------------|-----------|--------|----------|---------|
| Other Classes      | 0.94      | 0.91   | 0.93     | 18683   |
| Other-KnownAlready | 0.06      | 0.10   | 0.07     | 1101    |
| avg / total        | 0.90      | 0.87   | 0.88     | 19784   |