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TREC-IS 2020-A Task 2 Notebook Evaluator v2.4
Run: sc-rf-028 (sc-rf-028.2020A.task2.run)


---------------------------------------------------
EVALUATON: Alertng Performance
Overall performance
---------------------------------------------------
> High Importance Alert Worth:  -0.7420803782505913
> Low Importance Alert Worth:   -0.0011783608555624623
> Accumulated Alert Worth:      -0.37162936955307685


---------------------------------------------------
EVALUATON: nDCG and Priority
Overall performance
---------------------------------------------------
> nDCG: 0.37400835757906975


---------------------------------------------------
EVALUATON: Information Type Categorization
Overall performance
---------------------------------------------------
> Information Type Precision (positive class, multi-type, macro):      0.05902597491090715
> Information Type Recall (positive class, multi-type, macro):  0.00385725785874138
> Information Type F1 (positive class, multi-type, macro):      0.00712898170602995
> Information Type Accuracy (overall, multi-type, macro):       0.8754647658712433
> High Importance Information Type Precision (positive class, multi-type, macro):      0.006944444444444444
> High Importance Information Type Recall (positive class, multi-type, macro):  0.00020703933747412008
> High Importance Information Type F1 (positive class, multi-type, macro):      0.00040209087253719345
> High Importance Information Type Accuracy (overall, multi-type, macro):       0.9809301818380088
> Low Importance Information Type Precision (positive class, multi-type, macro):      0.10366728673930374
> Low Importance Information Type Recall (positive class, multi-type, macro):  0.0069860165912561745
> Low Importance Information Type F1 (positive class, multi-type, macro):      0.012894888134738028
> Low Importance Information Type Accuracy (overall, multi-type, macro):       0.7850658378997302


---------------------------------------------------
EVALUATON: Information Priority Level
Overall Performance
---------------------------------------------------
> Priority Label Prediction (F1, macro): 0.0916046963040659
> Priority Label Prediction High Importance (F1, macro): 0.06767018029078777
> Priority Label Prediction Low Importance (F1, macro): 0.11211999574401853


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LATEX
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sc-rf-028 & 0.3740 & -0.7421 & -0.3716 & 0.0004 & 0.0071 & 0.8755 & 0.0677 & 0.0916 \\
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TREC-IS 2020-A Task 2 Notebook Evaluator v2.4
Run: sc-rf-028 (sc-rf-028.2020A.task2.run)

EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
----
athensEarthquake2020
  Information Type Precision (positive class, multi-type, macro): 0.0
  Information Type Recall (positive class, multi-type, macro): 0.0
  Information Type F1 (positive class, multi-type, macro): 0.0
  Information Type Accuracy (overall, multi-type, macro): 0.9074646283948611
  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): 0.9954193093727977
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8320749018423437

baltimoreFlashFlood2020
  Information Type Precision (positive class, multi-type, macro): 0.0
  Information Type Recall (positive class, multi-type, macro): 0.0
  Information Type F1 (positive class, multi-type, macro): 0.0
  Information Type Accuracy (overall, multi-type, macro): 0.9229129079875348
  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): 0.9996446339729922
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8571428571428571

brooklynBlockPartyShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.09829059829059829
  Information Type Recall (positive class, multi-type, macro): 0.004144805402796136
  Information Type F1 (positive class, multi-type, macro): 0.007921528136293238
  Information Type Accuracy (overall, multi-type, macro): 0.8292917938011884
  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): 0.9933890048712596
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.18253968253968253
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.007697495748049968
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.014711409395973155

  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.688637041455413

daytonOhioShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.01282051282051282
  Information Type Recall (positive class, multi-type, macro): 0.001098901098901099
  Information Type F1 (positive class, multi-type, macro): 0.0020242914979757085
  Information Type Accuracy (overall, multi-type, macro): 0.8795141700404858
  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): 1.0
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0238095238095238808
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0020408163265530612
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0037593984962406013
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7762406015037594

elPasoWalmartShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.01282051282051282
  Information Type Recall (positive class, multi-type, macro): 0.004226542688081149
  Information Type F1 (positive class, multi-type, macro): 0.006357279084551811
  Information Type Accuracy (overall, multi-type, macro): 0.8893267089258181
  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): 0.9988864142538976
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0238095238095238808
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.007849293563579277
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.011806375442739077
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7954183900731786

gilroygarlicShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.09903846153846155
  Information Type Recall (positive class, multi-type, macro): 0.011787026350133147
  Information Type F1 (positive class, multi-type, macro): 0.02093704679314529
  Information Type Accuracy (overall, multi-type, macro): 0.8743044189852701
  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): 0.999645390070922
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.18392857142857144
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.021890191793104415
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.03888308690155554
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7668693009118541

hurricaneBarry2020
  Information Type Precision (positive class, multi-type, macro): 0.02167832167832168
  Information Type Recall (positive class, multi-type, macro): 0.014102564102564105

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  Information Type F1 (positive class, multi-type, macro): 0.01691856530566208
  Information Type Accuracy (overall, multi-type, macro): 0.9107757913728063
  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): 0.9936034115138592
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.040259740259740266
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.02619047619047619
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.031420192710515285
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8397806883947609

indonesiaEarthquake2020
  Information Type Precision (positive class, multi-type, macro): 0.0
  Information Type Recall (positive class, multi-type, macro): 0.0
  Information Type F1 (positive class, multi-type, macro): 0.0
  Information Type Accuracy (overall, multi-type, macro): 0.8279869067103109
  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): 0.8808510638297872
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7826747720364741

keralaFloods2020
  Information Type Precision (positive class, multi-type, macro): 0.02564102564102564
  Information Type Recall (positive class, multi-type, macro): 0.0003965107057890563
  Information Type F1 (positive class, multi-type, macro): 0.0007809449433814916
  Information Type Accuracy (overall, multi-type, macro): 0.8095612827070627
  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): 1.0
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.047619047619047616
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0007363770250368188
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0014503263234227702
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6463280964559736

myanmarFloods2020
  Information Type Precision (positive class, multi-type, macro): 0.0
  Information Type Recall (positive class, multi-type, macro): 0.0
  Information Type F1 (positive class, multi-type, macro): 0.0
  Information Type Accuracy (overall, multi-type, macro): 0.8769230769230768
  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
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  High Importance Information Type Accuracy (overall, multi-type, macro): 0.9670212765957448
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7996960486322189

papuaNewguineaEarthquake2020
  Information Type Precision (positive class, multi-type, macro): 0.006993006993006993
  Information Type Recall (positive class, multi-type, macro): 0.0005827505827505828
  Information Type F1 (positive class, multi-type, macro): 0.0010758472296933837
  Information Type Accuracy (overall, multi-type, macro): 0.7893649974186888
  High Importance Information Type Precision (positive class, multi-type, macro): 0.015151515151515152
  High Importance Information Type Recall (positive class, multi-type, macro): 0.0012626262626262627
  High Importance Information Type F1 (positive class, multi-type, macro): 0.0023310023310023314
  High Importance Information Type Accuracy (overall, multi-type, macro): 0.947054436987323
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.0
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6542026206455737

siberianWildfires2020
  Information Type Precision (positive class, multi-type, macro): 0.11538461538461539
  Information Type Recall (positive class, multi-type, macro): 0.0014994682736618218
  Information Type F1 (positive class, multi-type, macro): 0.002959375840731773
  Information Type Accuracy (overall, multi-type, macro): 0.8625446283674131
  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): 0.9729254571026723
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.21428571428571427
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.0027847267939433836
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.005495983704216149
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7679324894514769

typhoonKrosa2020
  Information Type Precision (positive class, multi-type, macro): 0.0030769230769230770
  Information Type Recall (positive class, multi-type, macro): 0.005128205128205128
  Information Type F1 (positive class, multi-type, macro): 0.0038461538461538464
  Information Type Accuracy (overall, multi-type, macro): 0.9078903928689338
  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): 0.9949928469241773
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.005714285714285714
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.009523809523809523
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0071428571428571435
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8332311465358676

typhoonLekima2020
  Information Type Precision (positive class, multi-type, macro): 0.10190664036817884
  Information Type Recall (positive class, multi-type, macro): 0.036268556005398106
  Information Type F1 (positive class, multi-type, macro): 0.052693208430913345
  Information Type Accuracy (overall, multi-type, macro): 0.9029030670821716
  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): 0.9840085287846482
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.18925518925518928
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.06735588972431077
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0978588156574105
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8333840999086201

whaleyBridgeCollapse2020
  Information Type Precision (positive class, multi-type, macro): 0.05128205128205128
  Information Type Recall (positive class, multi-type, macro): 0.0017683465959328027
  Information Type F1 (positive class, multi-type, macro): 0.003418803418803419
  Information Type Accuracy (overall, multi-type, macro): 0.7813186813186814
  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): 0.888095238095238
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.09523809523809523
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.003284072249589491
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.006349206349206349
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.689795918367347

TREC-IS 2020-A Task 2 Notebook Evaluator v2.4
Run: sc-rf-028 (sc-rf-028.2020A.task2.run)

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

Request-GoodsServices

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	12219
Request-GoodsServices	0.00	0.00	0.00	8
avg / total	1.00	1.00	1.00	12227

Request-SearchAndRescue

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	12219
Request-SearchAndRescue	0.00	0.00	0.00	8
avg / total	1.00	1.00	1.00	12227

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	12199
Request-InformationWanted	0.00	0.00	0.00	28
avg / total	1.00	1.00	1.00	12227

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	12217
CallToAction-Volunteer	0.00	0.00	0.00	10
avg / total	1.00	1.00	1.00	12227

CallToAction-MovePeople

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	12112

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CallToAction-MovePeople          0.00        0.00        0.00        115

            avg / total          0.98        0.99        0.99      12227


Report-FirstPartyObservation
                            precision      recall    f1-score     support

            Other Classes        1.00        1.00        1.00      12190
Report-FirstPartyObservation     0.00        0.00        0.00         37

                avg / total      0.99        1.00        0.99      12227


Report-Location
                precision      recall    f1-score     support

  Other Classes        0.72        0.99        0.83       8789
Report-Location        0.46        0.02        0.04       3438

    avg / total        0.65        0.72        0.61      12227


Report-EmergingThreats
                        precision      recall    f1-score     support

        Other Classes        0.93        1.00        0.96      11422
Report-EmergingThreats       0.04        0.00        0.00        805

        avg / total          0.88        0.93        0.90      12227


Report-NewSubEvent
                    precision      recall    f1-score     support

    Other Classes        0.97        1.00        0.98      11831
Report-NewSubEvent       0.00        0.00        0.00        396

      avg / total        0.94        0.97        0.95      12227


Report-MultimediaShare
                        precision      recall    f1-score     support

        Other Classes        0.81        0.98        0.89       9860
Report-MultimediaShare       0.27        0.03        0.05       2367
```

	precision	recall	f1-score	support
avg / total	0.70	0.80	0.72	12227

Report-ServiceAvailable

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	12188
Report-ServiceAvailable	0.00	0.00	0.00	39
avg / total	0.99	1.00	1.00	12227

Other-Advice

	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	12087
Other-Advice	0.00	0.00	0.00	140
avg / total	0.98	0.99	0.98	12227

Other-Any

	precision	recall	f1-score	support
Other Classes	1.00	0.00	0.00	12227
Other-Any	0.00	0.00	0.00	0
avg / total	1.00	0.00	0.00	12227