TREC-IS 2020-A Task 2 Notebook Evaluator v2.4
Run: sc-rf-026 (sc-rf-026.2020A.task2.run)

EVALUATON: Alertng Performance
Overall performance

> High Importance Alert Worth: -0.737470449172577
> Low Importance Alert Worth: -0.0014310026845428677
> Accumulated Alert Worth: -0.36945072592855993

EVALUATON: nDCG and Priority
Overall performance

> nDCG: 0.37732861799026646

EVALUATON: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro):   0.049870268620268624
> Information Type Recall (positive class, multi-type, macro): 0.003145853144857783
> Information Type F1 (positive class, multi-type, macro):   0.005826691916971822
> Information Type Accuracy (overall, multi-type, macro):   0.8751816597567804
> 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):   0.9808211335568823
> Low Importance Information Type Precision (positive class, multi-type, macro):   0.09261621315192745
> Low Importance Information Type Recall (positive class, multi-type, macro):   0.005842298697593026
> Low Importance Information Type F1 (positive class, multi-type, macro):   0.010820999274376242
> Low Importance Information Type Accuracy (overall, multi-type, macro):   0.7846335393566931

EVALUATON: Information Priority Level
Overall Performance

> Priority Label Prediction (F1, macro): 0.0926043824991753
> Priority Label Prediction High Importance (F1, macro): 0.0690811117992798
> Priority Label Prediction Low Importance (F1, macro): 0.11276718595622857

LATEX
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sc-rf-026 & 0.3773 & -0.7375 & -0.3695 & 0.0000 & 0.0058 & 0.8752 & 0.0691 & 0.0926 \\

TREC-IS 2020-A Task 2 Notebook Evaluator v2.4
Run: sc-rf-026 (sc-rf-026.2020A.task2.run)

EVALUATON: Information Type Categorization (Multi-type)
Per Event Performance
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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): 0.1043956043956044
  Information Type Recall (positive class, multi-type, macro): 0.0035526903452538314
  Information Type F1 (positive class, multi-type, macro): 0.006840587485748775
  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): 0.19387755102040818
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.006597853498328544
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.012703948187819154

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

daytonOhioShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.00591715976331361
  Information Type Recall (positive class, multi-type, macro): 0.0005494505494505495
  Information Type F1 (positive class, multi-type, macro): 0.001005530417295123
  Information Type Accuracy (overall, multi-type, macro): 0.8788663967611338
  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): 0.9996491228070176
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.01098901098901099
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.001020408163265306
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0018674136321195143
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7753383458646617

elPasoWalmartShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.01183431952662722
  Information Type Recall (positive class, multi-type, macro): 0.00338123415046492
  Information Type F1 (positive class, multi-type, macro): 0.005259697567389875
  Information Type Accuracy (overall, multi-type, macro): 0.8896693506938497
  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): 0.02197802197802198
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.006279434850863423
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.00976800976800977
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7960547247852371

gilroygarlicShooting2020
  Information Type Precision (positive class, multi-type, macro): 0.0934065934065934
  Information Type Recall (positive class, multi-type, macro): 0.008769547604499061
  Information Type F1 (positive class, multi-type, macro): 0.015861130020422054
  Information Type Accuracy (overall, multi-type, macro): 0.8733224222585926
  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): 0.17346938775510204
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.016286302694069686
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.029456384323640956
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7650455927051671

hurricaneBarry2020
  Information Type Precision (positive class, multi-type, macro): 0.02564102564102564
  Information Type Recall (positive class, multi-type, macro): 0.014102564102564105

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  Information Type F1 (positive class, multi-type, macro): 0.017936086901604146
  Information Type Accuracy (overall, multi-type, macro): 0.9112678366409709
  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): 0.047619047619047616
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.02619047619047619
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.0333098756744077
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8406944867499239

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): 0.8268412438625206
  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): 0.780547112462006

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): 0.8093645484949833
  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): 0.9995737425404944
  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): 0.6463280964559737

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): 0.0
    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): 0.7893649974186888
    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): 0.947054436987323
    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): 0.15384615384615385
    Information Type Recall (positive class, multi-type, macro): 0.0014994682736618218
    Information Type F1 (positive class, multi-type, macro): 0.0029691438504997826
    Information Type Accuracy (overall, multi-type, macro): 0.8627069133398246
    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): 0.9732770745428972
    Low Importance Information Type Precision (positive class, multi-type, macro): 0.2857142857142857
    Low Importance Information Type Recall (positive class, multi-type, macro): 0.0027847267939433836
    Low Importance Information Type F1 (positive class, multi-type, macro): 0.005514124293785311
    Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7679324894514767

typhoonKrosa2020
    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): 0.9073951799273688
    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): 0.9946351931330472
    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): 0.832618025751073

typhoonLekima2020
  Information Type Precision (positive class, multi-type, macro): 0.08974358974358973
  Information Type Recall (positive class, multi-type, macro): 0.036268556005398106
  Information Type F1 (positive class, multi-type, macro): 0.05094522335901646
  Information Type Accuracy (overall, multi-type, macro): 0.9019189765458422
  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): 0.9832977967306326
  Low Importance Information Type Precision (positive class, multi-type, macro): 0.16666666666666666
  Low Importance Information Type Recall (positive class, multi-type, macro): 0.06735588972431077
  Low Importance Information Type F1 (positive class, multi-type, macro): 0.09461255766674485
  Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8321657021017362

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): 0.7816849816849818
  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): 0.888888888888889
  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

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Run: sc-rf-026 (sc-rf-026.2020A.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

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	0.99	0.99	12227

Report-Location

	precision	recall	f1-score	support
Other Classes	0.72	0.99	0.83	8789
Report-Location	0.41	0.02	0.03	3438
avg / total	0.63	0.72	0.61	12227

Report-EmergingThreats

	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	11422
Report-EmergingThreats	0.00	0.00	0.00	805
avg / total	0.87	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	0.24	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