
EVALUATOR: Alertng Performance
Overall performance

> High Importance Alert Worth: -0.9793577981651376
> Low Importance Alert Worth: 0.0
> Accumulated Alert Worth: -0.4896788990825688

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.22075897459431623
> Information Type Recall (positive class, multi-type, macro): 0.18557904224710686
> Information Type F1 (positive class, multi-type, macro): 0.17254172115245772
> Information Type Accuracy (overall, multi-type, macro): 0.8533678868372746
> High Importance Information Type Precision (positive class, multi-type, macro): 0.09081077006259487
> High Importance Information Type Recall (positive class, multi-type, macro): 0.015909946054192044
> High Importance Information Type F1 (positive class, multi-type, macro): 0.024761019170685596
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.9652305366591082
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.26179524970959667
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.23915875683434312
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.21920931125196472
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8180428395251168

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.06591975023919194
> Priority Estimation Error High Importance (mean squared error, macro): 0.11748338684331949
> Priority Estimation Error Low Importance (mean squared error, macro): 0.04963649657473062

LATEX

IRITrun2 & -0.9794 & -0.4897 & 0.0248 & 0.1734 & 0.8534 & 0.1175 & 0.0659 \\\

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

albertaWildfires2019

Information Type Precision (positive class, multi-type, macro): 0.2294032396743646
Information Type Recall (positive class, multi-type, macro): 0.1549538452351414
Information Type F1 (positive class, multi-type, macro): 0.15738217414504035
Information Type Accuracy (overall, multi-type, macro): 0.8567800000000001
High Importance Information Type Precision (positive class, multi-type, macro): 0.12446836788942052
High Importance Information Type Recall (positive class, multi-type, macro): 0.028183816641117354
High Importance Information Type F1 (positive class, multi-type, macro): 0.04148895169578623
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9692500000000001
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2625405676064521
Low Importance Information Type Recall (positive class, multi-type, macro): 0.19498648584378056
Low Importance Information Type F1 (positive class, multi-type, macro): 0.19398003386585744
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8212631578947367

cycloneKenneth2019

Information Type Precision (positive class, multi-type, macro): 0.20343806413927346
Information Type Recall (positive class, multi-type, macro): 0.1492120571733602
Information Type F1 (positive class, multi-type, macro): 0.13971291215750856
Information Type Accuracy (overall, multi-type, macro): 0.8287943971985993
High Importance Information Type Precision (positive class, multi-type, macro): 0.04961622807017544
High Importance Information Type Recall (positive class, multi-type, macro): 0.006882033843413488
High Importance Information Type F1 (positive class, multi-type, macro): 0.011664724164724164
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9418876104719027
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2520133807926729
Low Importance Information Type Recall (positive class, multi-type, macro): 0.19415838033018548
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1801491820499668
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7930807509017667

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.14387051687884844
Information Type Recall (positive class, multi-type, macro): 0.16633082033310947
Information Type F1 (positive class, multi-type, macro): 0.13152159880499975
Information Type Accuracy (overall, multi-type, macro): 0.8772330827067668
High Importance Information Type Precision (positive class, multi-type, macro): 0.05296296296296296
High Importance Information Type Recall (positive class, multi-type, macro): 0.02587641117052882
High Importance Information Type F1 (positive class, multi-type, macro): 0.02443157443157443
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9736842105263158
Low Importance Information Type Precision (positive class, multi-type, macro): 0.17257816548386493
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2106848442791876
Low Importance Information Type F1 (positive class, multi-type, macro): 0.16533950123871302
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8467748318163831

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.1514836024066285
Information Type Recall (positive class, multi-type, macro): 0.2486205027845432
Information Type F1 (positive class, multi-type, macro): 0.1518316813315769
Information Type Accuracy (overall, multi-type, macro): 0.8607586763518966
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): 0.9841269841269841
Low Importance Information Type Precision (positive class, multi-type, macro): 0.19932052948240594
Low Importance Information Type Recall (positive class, multi-type, macro): 0.3271322405059779
Low Importance Information Type F1 (positive class, multi-type, macro): 0.19977852806786434
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8218002633702901

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.17814782993153955
Information Type Recall (positive class, multi-type, macro): 0.15221183404214877
Information Type F1 (positive class, multi-type, macro): 0.13592863392671298
Information Type Accuracy (overall, multi-type, macro): 0.8520385470719049
High Importance Information Type Precision (positive class, multi-type, macro): 0.0043859649122807015
High Importance Information Type Recall (positive class, multi-type, macro): 0.0040650406504065045
High Importance Information Type F1 (positive class, multi-type, macro): 0.004219409282700422
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9587348653323451
Low Importance Information Type Precision (positive class, multi-type, macro): 0.23301999783235813
Low Importance Information Type Recall (positive class, multi-type, macro): 0.19899503195533053
Low Importance Information Type F1 (positive class, multi-type, macro): 0.17752102065640116
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8183449728843977

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.23847217301160886
Information Type Recall (positive class, multi-type, macro): 0.18201811063859177
Information Type F1 (positive class, multi-type, macro): 0.1733969207793831
Information Type Accuracy (overall, multi-type, macro): 0.8346980854197351

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): 0.9756995581737851
Low Importance Information Type Precision (positive class, multi-type, macro): 0.3137791750152748
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2394975139981471
Low Importance Information Type F1 (positive class, multi-type, macro): 0.22815384313076723
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7901713045500349

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

Request-GoodsServices				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9223
Request-GoodsServices	0.00	0.00	0.00	38
micro avg	0.99	0.99	0.99	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.99	0.99	0.99	9261
Request-SearchAndRescue				
	precision	recall	f1-score	support
Other Classes	1.00	0.99	1.00	9252
Request-SearchAndRescue	0.00	0.00	0.00	9
micro avg	0.99	0.99	0.99	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	1.00	0.99	0.99	9261
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	1.00	0.99	1.00	9228
Request-InformationWanted	0.08	0.15	0.10	33
micro avg	0.99	0.99	0.99	9261
macro avg	0.54	0.57	0.55	9261
weighted avg	0.99	0.99	0.99	9261
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9237
CallToAction-Volunteer	0.00	0.00	0.00	24
micro avg	1.00	1.00	1.00	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.99	1.00	1.00	9261
CallToAction-Donations				
	precision	recall	f1-score	support
Other Classes	0.99	0.99	0.99	9155
CallToAction-Donations	0.03	0.03	0.03	106
micro avg	0.98	0.98	0.98	9261
macro avg	0.51	0.51	0.51	9261
weighted avg	0.98	0.98	0.98	9261
CallToAction-MovePeople				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	9158
CallToAction-MovePeople	0.38	0.03	0.05	103
micro avg	0.99	0.99	0.99	9261
macro avg	0.68	0.51	0.52	9261
weighted avg	0.98	0.99	0.98	9261
Report-FirstPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.97	0.93	0.95	8942
Report-FirstPartyObservation	0.07	0.15	0.10	319
micro avg	0.90	0.90	0.90	9261
macro avg	0.52	0.54	0.52	9261
weighted avg	0.94	0.90	0.92	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.86	0.78	0.82	7785	
Report-ThirdPartyObservation	0.23	0.36	0.28	1476	
micro avg	0.71	0.71	0.71	9261	
macro avg	0.55	0.57	0.55	9261	
weighted avg	0.76	0.71	0.73	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.88	0.96	0.92	8123	
Report-Weather	0.22	0.08	0.12	1138	
micro avg	0.85	0.85	0.85	9261	
macro avg	0.55	0.52	0.52	9261	
weighted avg	0.80	0.85	0.82	9261	

Report-Location					
	precision	recall	f1-score	support	
Other Classes	0.47	0.98	0.63	4351	
Report-Location	0.48	0.02	0.03	4910	
micro avg	0.47	0.47	0.47	9261	
macro avg	0.47	0.50	0.33	9261	
weighted avg	0.47	0.47	0.32	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.93	0.98	0.95	8621	
Report-EmergingThreats	0.08	0.03	0.04	640	
micro avg	0.91	0.91	0.91	9261	
macro avg	0.51	0.50	0.50	9261	
weighted avg	0.87	0.91	0.89	9261	

Report-NewSubEvent					
	precision	recall	f1-score	support	
Other Classes	0.98	0.98	0.98	9051	
Report-NewSubEvent	0.01	0.00	0.00	210	
micro avg	0.96	0.96	0.96	9261	
macro avg	0.49	0.49	0.49	9261	
weighted avg	0.95	0.96	0.96	9261	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.70	0.79	0.74	5719	
Report-MultimediaShare	0.57	0.45	0.50	3542	
micro avg	0.66	0.66	0.66	9261	
macro avg	0.63	0.62	0.62	9261	
weighted avg	0.65	0.66	0.65	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.96	0.99	0.97	8916	
Report-ServiceAvailable	0.08	0.03	0.05	345	
micro avg	0.95	0.95	0.95	9261	
macro avg	0.52	0.51	0.51	9261	
weighted avg	0.93	0.95	0.94	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.72	0.89	0.80	6019
Report-Factoid	0.64	0.37	0.47	3242
micro avg	0.71	0.71	0.71	9261
macro avg	0.68	0.63	0.63	9261
weighted avg	0.69	0.71	0.68	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.92	0.99	0.95	8486
Report-Official	0.28	0.03	0.06	775
micro avg	0.91	0.91	0.91	9261
macro avg	0.60	0.51	0.50	9261
weighted avg	0.86	0.91	0.88	9261

Report-News	precision	recall	f1-score	support
Other Classes	0.81	0.78	0.79	6421
Report-News	0.54	0.58	0.56	2840
micro avg	0.72	0.72	0.72	9261
macro avg	0.67	0.68	0.67	9261
weighted avg	0.72	0.72	0.72	9261

Report-CleanUp	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	9201
Report-CleanUp	0.00	0.00	0.00	60
micro avg	0.99	0.99	0.99	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.99	0.99	0.99	9261

Report-Hashtags	precision	recall	f1-score	support
Other Classes	0.83	0.87	0.85	6757
Report-Hashtags	0.60	0.52	0.55	2504
micro avg	0.78	0.78	0.78	9261
macro avg	0.71	0.69	0.70	9261
weighted avg	0.77	0.78	0.77	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.92	0.91	0.92	8321
Report-OriginalEvent	0.30	0.34	0.32	940
micro avg	0.85	0.85	0.85	9261
macro avg	0.61	0.63	0.62	9261
weighted avg	0.86	0.85	0.86	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.97	0.86	0.91	9014
Other-ContextualInformation	0.03	0.17	0.05	247
micro avg	0.84	0.84	0.84	9261
macro avg	0.50	0.52	0.48	9261
weighted avg	0.95	0.84	0.89	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.97	0.97	0.97	8946
Other-Advice	0.16	0.14	0.15	315
micro avg	0.95	0.95	0.95	9261
macro avg	0.57	0.56	0.56	9261

weighted avg	0.94	0.95	0.94	9261
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Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.95	0.79	0.86	8481
Other-Sentiment	0.18	0.52	0.27	780
micro avg	0.77	0.77	0.77	9261
macro avg	0.57	0.65	0.57	9261
weighted avg	0.88	0.77	0.81	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	0.82	0.88	8805
Other-Discussion	0.05	0.17	0.08	456
micro avg	0.79	0.79	0.79	9261
macro avg	0.50	0.50	0.48	9261
weighted avg	0.91	0.79	0.84	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.75	0.78	0.76	6224
Other-Irrelevant	0.51	0.47	0.49	3037
micro avg	0.68	0.68	0.68	9261
macro avg	0.63	0.62	0.63	9261
weighted avg	0.67	0.68	0.67	9261