
EVALUATOR: Alertng Performance
Overall performance

> High Importance Alert Worth: 0.2982708933717561
> Low Importance Alert Worth: -0.7367768318562369
> Accumulated Alert Worth: -0.2192529692422404

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.003427648240328355
> Information Type Recall (positive class, multi-type, macro): 0.25
> Information Type F1 (positive class, multi-type, macro): 0.006672324797914765
> Information Type Accuracy (overall, multi-type, macro): 0.6641887171426076
> High Importance Information Type Precision (positive class, multi-type, macro): 0.0007204610951008645
> High Importance Information Type Recall (positive class, multi-type, macro): 0.3333333333333333
> High Importance Information Type F1 (positive class, multi-type, macro): 0.0014373343260076221
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.648567810671557
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.004330043955404186
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.2222222222222222
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.008417321621883812
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6693956859662913

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.4030558419412736
> Priority Estimation Error High Importance (mean squared error, macro): 0.24230066194781597
> Priority Estimation Error Low Importance (mean squared error, macro): 0.45664090193909296

LATEX

BJUTDMS-run3 & 0.2983 & -0.2193 & 0.0014 & 0.0100 & 0.6642 & 0.2423 & 0.4031 \\

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

floodChoco2019

Information Type Precision (positive class, multi-type, macro): 0.00021422450728363323
Information Type Recall (positive class, multi-type, macro): 0.08333333333333333
Information Type F1 (positive class, multi-type, macro): 0.00042735042735042735
Information Type Accuracy (overall, multi-type, macro): 0.7030848329048843
High Importance Information Type Precision (positive class, multi-type, macro): 0.00042844901456726646
High Importance Information Type Recall (positive class, multi-type, macro): 0.16666666666666666
High Importance Information Type F1 (positive class, multi-type, macro): 0.0008547008547008547
High Importance Information Type Accuracy (overall, multi-type, macro): 0.6640959725792631
Low Importance Information Type Precision (positive class, multi-type, macro): 0.00014281633818908883
Low Importance Information Type Recall (positive class, multi-type, macro): 0.05555555555555555
Low Importance Information Type F1 (positive class, multi-type, macro): 0.0002849002849002849
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7160811196800914

earthquakeCalifornia2014

Information Type Precision (positive class, multi-type, macro): 0.0036089238845144356
Information Type Recall (positive class, multi-type, macro): 0.08333333333333333
Information Type F1 (positive class, multi-type, macro): 0.006915964152806258
Information Type Accuracy (overall, multi-type, macro): 0.6627296587926509
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): 0.6496062992125985
Low Importance Information Type Precision (positive class, multi-type, macro): 0.004811898512685914
Low Importance Information Type Recall (positive class, multi-type, macro): 0.11111111111111111
Low Importance Information Type F1 (positive class, multi-type, macro): 0.009221285537075012
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6671041119860018

earthquakeBohol2013

Information Type Precision (positive class, multi-type, macro): 0.0014808831448572968
Information Type Recall (positive class, multi-type, macro): 0.25
Information Type F1 (positive class, multi-type, macro): 0.0029376507133002006
Information Type Accuracy (overall, multi-type, macro): 0.6497711362412494
High Importance Information Type Precision (positive class, multi-type, macro): 0.0013462574044157242
High Importance Information Type Recall (positive class, multi-type, macro): 0.33333333333333333
High Importance Information Type F1 (positive class, multi-type, macro): 0.002681254347222007
High Importance Information Type Accuracy (overall, multi-type, macro): 0.6661281637049005
Low Importance Information Type Precision (positive class, multi-type, macro): 0.0015257583916711544
Low Importance Information Type Recall (positive class, multi-type, macro): 0.22222222222222222
Low Importance Information Type F1 (positive class, multi-type, macro): 0.0030231161686595986
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6443187937533658

hurricaneFlorence2018

Information Type Precision (positive class, multi-type, macro): 0.004768574096305188
Information Type Recall (positive class, multi-type, macro): 0.25
Information Type F1 (positive class, multi-type, macro): 0.009143625912357421
Information Type Accuracy (overall, multi-type, macro): 0.6714519140989729
High Importance Information Type Precision (positive class, multi-type, macro): 0.0011337868480725624
High Importance Information Type Recall (positive class, multi-type, macro): 0.33333333333333333
High Importance Information Type F1 (positive class, multi-type, macro): 0.002253943008614977
High Importance Information Type Accuracy (overall, multi-type, macro): 0.6452581032412965
Low Importance Information Type Precision (positive class, multi-type, macro): 0.0059801698457160645
Low Importance Information Type Recall (positive class, multi-type, macro): 0.22222222222222222
Low Importance Information Type F1 (positive class, multi-type, macro): 0.011440186880271569
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6801831843848649

shootingDallas2017

Information Type Precision (positive class, multi-type, macro): 0.0012083333333333333
Information Type Recall (positive class, multi-type, macro): 0.125
Information Type F1 (positive class, multi-type, macro): 0.0023669070608648484
Information Type Accuracy (overall, multi-type, macro): 0.68333333333333332
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): 0.66483333333333333
Low Importance Information Type Precision (positive class, multi-type, macro): 0.0016111111111111111
Low Importance Information Type Recall (positive class, multi-type, macro): 0.16666666666666666
Low Importance Information Type F1 (positive class, multi-type, macro): 0.0031558760811531313
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6895

fireYMM2016

Information Type Precision (positive class, multi-type, macro): 0.0051875
Information Type Recall (positive class, multi-type, macro): 0.25
Information Type F1 (positive class, multi-type, macro): 0.009952640773661606
Information Type Accuracy (overall, multi-type, macro): 0.63295833333333334

High Importance Information Type Precision (positive class, multi-type, macro): 0.0008333333333333334
High Importance Information Type Recall (positive class, multi-type, macro): 0.3333333333333333
High Importance Information Type F1 (positive class, multi-type, macro): 0.0016623449677580697
High Importance Information Type Accuracy (overall, multi-type, macro): 0.6279166666666666
Low Importance Information Type Precision (positive class, multi-type, macro): 0.006638888888888889
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2222222222222222
Low Importance Information Type F1 (positive class, multi-type, macro): 0.012716072708962784
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.6346388888888889

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

Request-GoodsServices				
	precision	recall	f1-score	support
Other Classes	0.00	0.00	0.00	7611
Request-GoodsServices	0.00	1.00	0.01	23
micro avg	0.00	0.00	0.00	7634
macro avg	0.00	0.50	0.00	7634
weighted avg	0.00	0.00	0.00	7634
Request-SearchAndRescue				
	precision	recall	f1-score	support
Other Classes	0.00	0.00	0.00	7624
Request-SearchAndRescue	0.00	1.00	0.00	10
micro avg	0.00	0.00	0.00	7634
macro avg	0.00	0.50	0.00	7634
weighted avg	0.00	0.00	0.00	7634
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	0.00	0.00	0.00	7563
Request-InformationWanted	0.01	1.00	0.02	71
micro avg	0.01	0.01	0.01	7634
macro avg	0.00	0.50	0.01	7634
weighted avg	0.00	0.01	0.00	7634
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	0.00	0.00	0.00	7610
CallToAction-Volunteer	0.00	1.00	0.01	24
micro avg	0.00	0.00	0.00	7634
macro avg	0.00	0.50	0.00	7634
weighted avg	0.00	0.00	0.00	7634
CallToAction-Donations				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	7557
CallToAction-Donations	0.00	0.00	0.00	77
micro avg	0.99	0.99	0.99	7634
macro avg	0.49	0.50	0.50	7634
weighted avg	0.98	0.99	0.98	7634
CallToAction-MovePeople				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	7527
CallToAction-MovePeople	0.00	0.00	0.00	107
micro avg	0.99	0.99	0.99	7634
macro avg	0.49	0.50	0.50	7634
weighted avg	0.97	0.99	0.98	7634
Report-FirstPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	7151
Report-FirstPartyObservation	0.00	0.00	0.00	483
micro avg	0.94	0.94	0.94	7634
macro avg	0.47	0.50	0.48	7634
weighted avg	0.88	0.94	0.91	7634

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.96	1.00	0.98	7318	
Report-ThirdPartyObservation	0.00	0.00	0.00	316	
micro avg	0.96	0.96	0.96	7634	
macro avg	0.48	0.50	0.49	7634	
weighted avg	0.92	0.96	0.94	7634	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.96	1.00	0.98	7335	
Report-Weather	0.00	0.00	0.00	299	
micro avg	0.96	0.96	0.96	7634	
macro avg	0.48	0.50	0.49	7634	
weighted avg	0.92	0.96	0.94	7634	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.94	1.00	0.97	7169	
Report-EmergingThreats	0.00	0.00	0.00	465	
micro avg	0.94	0.94	0.94	7634	
macro avg	0.47	0.50	0.48	7634	
weighted avg	0.88	0.94	0.91	7634	

Report-NewSubEvent					
	precision	recall	f1-score	support	
Other Classes	0.98	1.00	0.99	7493	
Report-NewSubEvent	0.00	0.00	0.00	141	
micro avg	0.98	0.98	0.98	7634	
macro avg	0.49	0.50	0.50	7634	
weighted avg	0.96	0.98	0.97	7634	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.79	1.00	0.88	6035	
Report-MultimediaShare	0.00	0.00	0.00	1599	
micro avg	0.79	0.79	0.79	7634	
macro avg	0.40	0.50	0.44	7634	
weighted avg	0.62	0.79	0.70	7634	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.98	1.00	0.99	7485	
Report-ServiceAvailable	0.00	0.00	0.00	149	
micro avg	0.98	0.98	0.98	7634	
macro avg	0.49	0.50	0.50	7634	
weighted avg	0.96	0.98	0.97	7634	

Report-Factoid					
	precision	recall	f1-score	support	
Other Classes	0.87	1.00	0.93	6625	
Report-Factoid	0.00	0.00	0.00	1009	
micro avg	0.87	0.87	0.87	7634	
macro avg	0.43	0.50	0.46	7634	
weighted avg	0.75	0.87	0.81	7634	

Report-Official					
	precision	recall	f1-score	support	

Other Classes	0.00	0.00	0.00	7404
Report-Official	0.03	1.00	0.06	230
micro avg	0.03	0.03	0.03	7634
macro avg	0.02	0.50	0.03	7634
weighted avg	0.00	0.03	0.00	7634

Report-News

	precision	recall	f1-score	support
Other Classes	0.81	1.00	0.89	6158
Report-News	0.00	0.00	0.00	1476
micro avg	0.81	0.81	0.81	7634
macro avg	0.40	0.50	0.45	7634
weighted avg	0.65	0.81	0.72	7634

Report-CleanUp

	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	7560
Report-CleanUp	0.00	0.00	0.00	74
micro avg	0.99	0.99	0.99	7634
macro avg	0.50	0.50	0.50	7634
weighted avg	0.98	0.99	0.99	7634

Report-Hashtags

	precision	recall	f1-score	support
Other Classes	0.50	1.00	0.66	3790
Report-Hashtags	0.00	0.00	0.00	3844
micro avg	0.50	0.50	0.50	7634
macro avg	0.25	0.50	0.33	7634
weighted avg	0.25	0.50	0.33	7634

Report-OriginalEvent

	precision	recall	f1-score	support
Other Classes	0.88	1.00	0.94	6751
Report-OriginalEvent	0.00	0.00	0.00	883
micro avg	0.88	0.88	0.88	7634
macro avg	0.44	0.50	0.47	7634
weighted avg	0.78	0.88	0.83	7634

Other-ContextualInformation

	precision	recall	f1-score	support
Other Classes	0.00	0.00	0.00	7364
Other-ContextualInformation	0.04	1.00	0.07	270
micro avg	0.04	0.04	0.04	7634
macro avg	0.02	0.50	0.03	7634
weighted avg	0.00	0.04	0.00	7634

Other-Advice

	precision	recall	f1-score	support
Other Classes	0.94	1.00	0.97	7184
Other-Advice	0.00	0.00	0.00	450
micro avg	0.94	0.94	0.94	7634
macro avg	0.47	0.50	0.48	7634
weighted avg	0.89	0.94	0.91	7634

Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.77	1.00	0.87	5845
Other-Sentiment	0.00	0.00	0.00	1789
micro avg	0.77	0.77	0.77	7634
macro avg	0.38	0.50	0.43	7634

weighted avg	0.59	0.77	0.66	7634
Other-Discussion				
	precision	recall	f1-score	support
Other Classes	0.93	1.00	0.96	7065
Other-Discussion	0.00	0.00	0.00	569
micro avg	0.93	0.93	0.93	7634
macro avg	0.46	0.50	0.48	7634
weighted avg	0.86	0.93	0.89	7634
Other-Irrelevant				
	precision	recall	f1-score	support
Other Classes	0.66	1.00	0.79	5014
Other-Irrelevant	0.00	0.00	0.00	2620
micro avg	0.66	0.66	0.66	7634
macro avg	0.33	0.50	0.40	7634
weighted avg	0.43	0.66	0.52	7634