
EVALUATOR: Alertng Performance
Overall performance

> High Importance Alert Worth: -0.9567723342939478
> Low Importance Alert Worth: -0.008708529430414995
> Accumulated Alert Worth: -0.4827404318621814

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.11646534981459049
> Information Type Recall (positive class, multi-type, macro): 0.040632890344818366
> Information Type F1 (positive class, multi-type, macro): 0.047340604277126185
> Information Type Accuracy (overall, multi-type, macro): 0.8908828923238145
> 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): 0.9802419002707187
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.15528713308612063
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.054177187126424484
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.0631208057028349
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.861096556341513

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.07529996128297013
> Priority Estimation Error High Importance (mean squared error, macro): 0.17311084992300318
> Priority Estimation Error Low Importance (mean squared error, macro): 0.04269633173629245

LATEX

SC-KRun-60002002410001 & -0.9568 & -0.4827 & 0.0000 & 0.0483 & 0.8909 & 0.1731 & 0.0753 \\\

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

floodChoco2019

Information Type Precision (positive class, multi-type, macro): 0.04521442860715178
Information Type Recall (positive class, multi-type, macro): 0.020909907702360533
Information Type F1 (positive class, multi-type, macro): 0.021452016255079708
Information Type Accuracy (overall, multi-type, macro): 0.9441945158526135
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): 0.9965724078834618
Low Importance Information Type Precision (positive class, multi-type, macro): 0.06028590480953571
Low Importance Information Type Recall (positive class, multi-type, macro): 0.02787987693648071
Low Importance Information Type F1 (positive class, multi-type, macro): 0.028602688340106278
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.9267352185089975

earthquakeCalifornia2014

Information Type Precision (positive class, multi-type, macro): 0.059431116722783395
Information Type Recall (positive class, multi-type, macro): 0.027159197012138186
Information Type F1 (positive class, multi-type, macro): 0.023854617604617604
Information Type Accuracy (overall, multi-type, macro): 0.8802493438320208
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): 0.9829396325459318
Low Importance Information Type Precision (positive class, multi-type, macro): 0.07924148896371119
Low Importance Information Type Recall (positive class, multi-type, macro): 0.03621226268285091
Low Importance Information Type F1 (positive class, multi-type, macro): 0.03180615680615681
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8460192475940508

earthquakeBohol2013

Information Type Precision (positive class, multi-type, macro): 0.13293492053481004
Information Type Recall (positive class, multi-type, macro): 0.050477701684954274
Information Type F1 (positive class, multi-type, macro): 0.06029779291497383
Information Type Accuracy (overall, multi-type, macro): 0.8962708669897683
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): 0.9970382337102853
Low Importance Information Type Precision (positive class, multi-type, macro): 0.17724656071308006
Low Importance Information Type Recall (positive class, multi-type, macro): 0.0673036022466057
Low Importance Information Type F1 (positive class, multi-type, macro): 0.0803970572199651
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8626817447495961

hurricaneFlorence2018

Information Type Precision (positive class, multi-type, macro): 0.07796941291817264
Information Type Recall (positive class, multi-type, macro): 0.02892308464590683
Information Type F1 (positive class, multi-type, macro): 0.03380254831106352
Information Type Accuracy (overall, multi-type, macro): 0.9013438708816858
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): 0.9761904761904762
Low Importance Information Type Precision (positive class, multi-type, macro): 0.10395921722423018
Low Importance Information Type Recall (positive class, multi-type, macro): 0.03856411286120911
Low Importance Information Type F1 (positive class, multi-type, macro): 0.04507006441475135
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8763950024454226

shootingDallas2017

Information Type Precision (positive class, multi-type, macro): 0.06930122621740174
Information Type Recall (positive class, multi-type, macro): 0.05889513194479259
Information Type F1 (positive class, multi-type, macro): 0.02616308868719652
Information Type Accuracy (overall, multi-type, macro): 0.8813541666666667
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): 0.9980833333333333
Low Importance Information Type Precision (positive class, multi-type, macro): 0.09240163495653565
Low Importance Information Type Recall (positive class, multi-type, macro): 0.07852684259305678
Low Importance Information Type F1 (positive class, multi-type, macro): 0.03488411824959536
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8424444444444444

fireYMM2016

Information Type Precision (positive class, multi-type, macro): 0.13103600049213762
Information Type Recall (positive class, multi-type, macro): 0.034410149702506505
Information Type F1 (positive class, multi-type, macro): 0.04831682919570141
Information Type Accuracy (overall, multi-type, macro): 0.8759791666666668

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): 0.9589166666666668
Low Importance Information Type Precision (positive class, multi-type, macro): 0.17471466732285018
Low Importance Information Type Recall (positive class, multi-type, macro): 0.045880199603342005
Low Importance Information Type F1 (positive class, multi-type, macro): 0.06442243892760188
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8483333333333333

 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	7612
Request-GoodsServices	0.00	0.00	0.00	22
micro avg	1.00	1.00	1.00	7634
macro avg	0.50	0.50	0.50	7634
weighted avg	0.99	1.00	1.00	7634
Request-SearchAndRescue				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	7624
Request-SearchAndRescue	0.00	0.00	0.00	10
micro avg	1.00	1.00	1.00	7634
macro avg	0.50	0.50	0.50	7634
weighted avg	1.00	1.00	1.00	7634
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	7564
Request-InformationWanted	0.00	0.00	0.00	70
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
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	7611
CallToAction-Volunteer	0.00	0.00	0.00	23
micro avg	1.00	1.00	1.00	7634
macro avg	0.50	0.50	0.50	7634
weighted avg	0.99	1.00	1.00	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	0.98	0.96	7150
Report-FirstPartyObservation	0.07	0.02	0.03	484
micro avg	0.92	0.92	0.92	7634
macro avg	0.50	0.50	0.49	7634
weighted avg	0.88	0.92	0.90	7634

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.96	0.99	0.97	7317	
Report-ThirdPartyObservation	0.05	0.01	0.02	317	
micro avg	0.95	0.95	0.95	7634	
macro avg	0.50	0.50	0.50	7634	
weighted avg	0.92	0.95	0.94	7634	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.96	1.00	0.98	7334	
Report-Weather	0.00	0.00	0.00	300	
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	0.98	0.87	6034	
Report-MultimediaShare	0.22	0.02	0.04	1600	
micro avg	0.78	0.78	0.78	7634	
macro avg	0.50	0.50	0.46	7634	
weighted avg	0.67	0.78	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	0.11	0.00	0.00	1009	
micro avg	0.87	0.87	0.87	7634	
macro avg	0.49	0.50	0.47	7634	
weighted avg	0.77	0.87	0.81	7634	

Report-Official					
	precision	recall	f1-score	support	

Other Classes	0.97	1.00	0.98	7405
Report-Official	0.00	0.00	0.00	229
micro avg	0.97	0.97	0.97	7634
macro avg	0.49	0.50	0.49	7634
weighted avg	0.94	0.97	0.96	7634

Report-News

	precision	recall	f1-score	support
Other Classes	0.81	0.98	0.89	6158
Report-News	0.43	0.05	0.09	1476
micro avg	0.80	0.80	0.80	7634
macro avg	0.62	0.52	0.49	7634
weighted avg	0.74	0.80	0.74	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	0.54	0.92	0.68	3789
Report-Hashtags	0.76	0.24	0.36	3845
micro avg	0.58	0.58	0.58	7634
macro avg	0.65	0.58	0.52	7634
weighted avg	0.65	0.58	0.52	7634

Report-OriginalEvent

	precision	recall	f1-score	support
Other Classes	0.88	0.99	0.94	6750
Report-OriginalEvent	0.08	0.00	0.01	884
micro avg	0.88	0.88	0.88	7634
macro avg	0.48	0.50	0.47	7634
weighted avg	0.79	0.88	0.83	7634

Other-ContextualInformation

	precision	recall	f1-score	support
Other Classes	0.96	0.70	0.81	7364
Other-ContextualInformation	0.02	0.20	0.04	270
micro avg	0.69	0.69	0.69	7634
macro avg	0.49	0.45	0.43	7634
weighted avg	0.93	0.69	0.79	7634

Other-Advice

	precision	recall	f1-score	support
Other Classes	0.94	0.99	0.97	7183
Other-Advice	0.12	0.01	0.02	451
micro avg	0.94	0.94	0.94	7634
macro avg	0.53	0.50	0.49	7634
weighted avg	0.89	0.94	0.91	7634

Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.78	0.93	0.85	5844
Other-Sentiment	0.39	0.15	0.22	1790
micro avg	0.75	0.75	0.75	7634
macro avg	0.59	0.54	0.53	7634

weighted avg	0.69	0.75	0.70	7634
Other-Discussion				
	precision	recall	f1-score	support
Other Classes	0.92	0.85	0.89	7064
Other-Discussion	0.06	0.12	0.08	570
micro avg	0.80	0.80	0.80	7634
macro avg	0.49	0.49	0.48	7634
weighted avg	0.86	0.80	0.83	7634
Other-Irrelevant				
	precision	recall	f1-score	support
Other Classes	0.67	0.92	0.78	5013
Other-Irrelevant	0.49	0.15	0.23	2621
micro avg	0.65	0.65	0.65	7634
macro avg	0.58	0.53	0.50	7634
weighted avg	0.61	0.65	0.59	7634