
EVALUATOR: Alertng Performance
Overall performance

> High Importance Alert Worth: -0.7284403669724779
> Low Importance Alert Worth: -0.0018342597381430022
> Accumulated Alert Worth: -0.36513731335531047

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.22350987833934127
> Information Type Recall (positive class, multi-type, macro): 0.07198600818383678
> Information Type F1 (positive class, multi-type, macro): 0.09399069492855767
> Information Type Accuracy (overall, multi-type, macro): 0.8688910484828852
> High Importance Information Type Precision (positive class, multi-type, macro): 0.06159420289855072
> High Importance Information Type Recall (positive class, multi-type, macro): 0.01627792874396135
> High Importance Information Type F1 (positive class, multi-type, macro): 0.024879227053140097
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.9738689126444228
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.274641144268012
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.08957803327011324
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.11581536899447901
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8357401440108208

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.10767420123997598
> Priority Estimation Error High Importance (mean squared error, macro): 0.1916127269725171
> Priority Estimation Error Low Importance (mean squared error, macro): 0.08116729837706826

LATEX

DLR_Fusion & -0.7284 & -0.3651 & 0.0249 & 0.1023 & 0.8689 & 0.1916 & 0.1077 \\\

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

albertaWildfires2019

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): 0.8685399999999999
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): 0.9774166666666666
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): 0.8341578947368421

cycloneKenneth2019

Information Type Precision (positive class, multi-type, macro): 0.2587257941963632
Information Type Recall (positive class, multi-type, macro): 0.04527049583136728
Information Type F1 (positive class, multi-type, macro): 0.0682207417928589
Information Type Accuracy (overall, multi-type, macro): 0.8492846423211604
High Importance Information Type Precision (positive class, multi-type, macro): 0.08605374194981123
High Importance Information Type Recall (positive class, multi-type, macro): 0.026482336113135236
High Importance Information Type F1 (positive class, multi-type, macro): 0.03514283269566918
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9433049858262464
Low Importance Information Type Precision (positive class, multi-type, macro): 0.3132538106952744
Low Importance Information Type Recall (positive class, multi-type, macro): 0.05120359890028267
Low Importance Information Type F1 (positive class, multi-type, macro): 0.07866639729723461
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8195940075300808

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.1298207453473737
Information Type Recall (positive class, multi-type, macro): 0.09322678405487254
Information Type F1 (positive class, multi-type, macro): 0.07722852692642362
Information Type Accuracy (overall, multi-type, macro): 0.8930325814536342
High Importance Information Type Precision (positive class, multi-type, macro): 0.00980392156862745
High Importance Information Type Recall (positive class, multi-type, macro): 0.016666666666666666
High Importance Information Type F1 (positive class, multi-type, macro): 0.01234567901234568
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9753550543024226
Low Importance Information Type Precision (positive class, multi-type, macro): 0.1677207949617146
Low Importance Information Type Recall (positive class, multi-type, macro): 0.11740366323009549
Low Importance Information Type F1 (positive class, multi-type, macro): 0.09771784732034298
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8670360110803326

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.10529369199927623
Information Type Recall (positive class, multi-type, macro): 0.07098633808512789
Information Type F1 (positive class, multi-type, macro): 0.05944460827074398
Information Type Accuracy (overall, multi-type, macro): 0.8791283292978207
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): 0.9986548291633038
Low Importance Information Type Precision (positive class, multi-type, macro): 0.13854433157799503
Low Importance Information Type Recall (positive class, multi-type, macro): 0.09340307642779985
Low Importance Information Type F1 (positive class, multi-type, macro): 0.07821658982992628
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8413831188139843

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.21029828599283953
Information Type Recall (positive class, multi-type, macro): 0.08931605918853137
Information Type F1 (positive class, multi-type, macro): 0.09707103262288079
Information Type Accuracy (overall, multi-type, macro): 0.8753743513713862
High Importance Information Type Precision (positive class, multi-type, macro): 0.0925925925925926
High Importance Information Type Recall (positive class, multi-type, macro): 0.016501650165016504
High Importance Information Type F1 (positive class, multi-type, macro): 0.028011204481792718
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9764022732888559
Low Importance Information Type Precision (positive class, multi-type, macro): 0.24746850496133857
Low Importance Information Type Recall (positive class, multi-type, macro): 0.11231008309069397
Low Importance Information Type F1 (positive class, multi-type, macro): 0.11887939940427704
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8434707970816588

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.21385800698428373
Information Type Recall (positive class, multi-type, macro): 0.08714496212696762
Information Type F1 (positive class, multi-type, macro): 0.10230602425132464
Information Type Accuracy (overall, multi-type, macro): 0.8251546391752578

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): 0.998772704958272
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2813921144530049
Low Importance Information Type Recall (positive class, multi-type, macro): 0.11466442385127318
Low Importance Information Type F1 (positive class, multi-type, macro): 0.13461318980437453
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7703278815595692

 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	9224
Request-GoodsServices	0.00	0.00	0.00	37
micro avg	1.00	1.00	1.00	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.99	1.00	0.99	9261
Request-SearchAndRescue				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9252
Request-SearchAndRescue	0.00	0.00	0.00	9
micro avg	1.00	1.00	1.00	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	1.00	1.00	1.00	9261
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9228
Request-InformationWanted	0.00	0.00	0.00	33
micro avg	1.00	1.00	1.00	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.99	1.00	0.99	9261
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9238
CallToAction-Volunteer	0.00	0.00	0.00	23
micro avg	1.00	1.00	1.00	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	1.00	1.00	1.00	9261
CallToAction-Donations				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	9155
CallToAction-Donations	0.35	0.19	0.25	106
micro avg	0.99	0.99	0.99	9261
macro avg	0.67	0.59	0.62	9261
weighted avg	0.98	0.99	0.98	9261
CallToAction-MovePeople				
	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	9159
CallToAction-MovePeople	0.00	0.00	0.00	102
micro avg	0.99	0.99	0.99	9261
macro avg	0.49	0.50	0.50	9261
weighted avg	0.98	0.99	0.98	9261
Report-FirstPartyObservation				
	precision	recall	f1-score	support
Other Classes	0.97	0.96	0.96	8942
Report-FirstPartyObservation	0.03	0.03	0.03	319
micro avg	0.93	0.93	0.93	9261
macro avg	0.50	0.50	0.50	9261
weighted avg	0.93	0.93	0.93	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.84	0.97	0.90	7785	
Report-ThirdPartyObservation	0.18	0.04	0.06	1476	
micro avg	0.82	0.82	0.82	9261	
macro avg	0.51	0.50	0.48	9261	
weighted avg	0.74	0.82	0.77	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.89	0.99	0.94	8123	
Report-Weather	0.64	0.13	0.22	1138	
micro avg	0.88	0.88	0.88	9261	
macro avg	0.76	0.56	0.58	9261	
weighted avg	0.86	0.88	0.85	9261	

Report-Location					
	precision	recall	f1-score	support	
Other Classes	0.47	1.00	0.64	4351	
Report-Location	0.87	0.02	0.04	4910	
micro avg	0.48	0.48	0.48	9261	
macro avg	0.67	0.51	0.34	9261	
weighted avg	0.69	0.48	0.32	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.93	0.99	0.96	8621	
Report-EmergingThreats	0.10	0.01	0.01	640	
micro avg	0.93	0.93	0.93	9261	
macro avg	0.52	0.50	0.49	9261	
weighted avg	0.87	0.93	0.90	9261	

Report-NewSubEvent					
	precision	recall	f1-score	support	
Other Classes	0.98	1.00	0.99	9051	
Report-NewSubEvent	0.00	0.00	0.00	210	
micro avg	0.98	0.98	0.98	9261	
macro avg	0.49	0.50	0.49	9261	
weighted avg	0.96	0.98	0.97	9261	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.63	0.96	0.76	5719	
Report-MultimediaShare	0.56	0.08	0.14	3542	
micro avg	0.62	0.62	0.62	9261	
macro avg	0.60	0.52	0.45	9261	
weighted avg	0.60	0.62	0.52	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.97	0.99	0.98	8916	
Report-ServiceAvailable	0.27	0.09	0.13	345	
micro avg	0.96	0.96	0.96	9261	
macro avg	0.62	0.54	0.56	9261	
weighted avg	0.94	0.96	0.95	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.69	0.94	0.80	6019
Report-Factoid	0.67	0.21	0.33	3242
micro avg	0.69	0.69	0.69	9261
macro avg	0.68	0.58	0.56	9261
weighted avg	0.68	0.69	0.63	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.92	1.00	0.96	8486
Report-Official	0.00	0.00	0.00	775
micro avg	0.92	0.92	0.92	9261
macro avg	0.46	0.50	0.48	9261
weighted avg	0.84	0.92	0.88	9261

Report-News	precision	recall	f1-score	support
Other Classes	0.71	0.93	0.81	6421
Report-News	0.49	0.15	0.23	2840
micro avg	0.69	0.69	0.69	9261
macro avg	0.60	0.54	0.52	9261
weighted avg	0.64	0.69	0.63	9261

Report-CleanUp	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	9202
Report-CleanUp	0.00	0.00	0.00	59
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	0.73	0.97	0.83	6757
Report-Hashtags	0.26	0.03	0.05	2504
micro avg	0.71	0.71	0.71	9261
macro avg	0.49	0.50	0.44	9261
weighted avg	0.60	0.71	0.62	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.92	0.94	0.93	8321
Report-OriginalEvent	0.33	0.25	0.29	940
micro avg	0.87	0.87	0.87	9261
macro avg	0.62	0.60	0.61	9261
weighted avg	0.86	0.87	0.86	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.97	0.96	0.97	9014
Other-ContextualInformation	0.04	0.07	0.05	247
micro avg	0.93	0.93	0.93	9261
macro avg	0.51	0.51	0.51	9261
weighted avg	0.95	0.93	0.94	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	8946
Other-Advice	0.06	0.01	0.02	315
micro avg	0.96	0.96	0.96	9261
macro avg	0.51	0.50	0.50	9261

weighted avg	0.94	0.96	0.95	9261
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Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.93	0.89	0.91	8481
Other-Sentiment	0.21	0.30	0.25	780
micro avg	0.84	0.84	0.84	9261
macro avg	0.57	0.60	0.58	9261
weighted avg	0.87	0.84	0.86	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	0.92	0.93	8805
Other-Discussion	0.02	0.04	0.03	456
micro avg	0.87	0.87	0.87	9261
macro avg	0.49	0.48	0.48	9261
weighted avg	0.90	0.87	0.89	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.69	0.93	0.79	6224
Other-Irrelevant	0.50	0.14	0.22	3037
micro avg	0.67	0.67	0.67	9261
macro avg	0.60	0.54	0.51	9261
weighted avg	0.63	0.67	0.61	9261