
EVALUATOR: Alertng Performance
Overall performance

> High Importance Alert Worth: -0.8481651376146813
> Low Importance Alert Worth: -0.022110348655781077
> Accumulated Alert Worth: -0.4351377431352312

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.18201161406672933
> Information Type Recall (positive class, multi-type, macro): 0.18393875540515917
> Information Type F1 (positive class, multi-type, macro): 0.13104854417964124
> Information Type Accuracy (overall, multi-type, macro): 0.8564733830039951
> 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): 0.9749127164093151
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.23948896587727544
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.24202467816468312
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.17243229497321214
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8190714882444204

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.10278685348619772
> Priority Estimation Error High Importance (mean squared error, macro): 0.17711902418420755
> Priority Estimation Error Low Importance (mean squared error, macro): 0.0793135364236683

LATEX

IRITrun3 & -0.8482 & -0.4351 & 0.0000 & 0.1388 & 0.8565 & 0.1771 & 0.1028 \\\

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

albertaWildfires2019

Information Type Precision (positive class, multi-type, macro): 0.20133714700664865
Information Type Recall (positive class, multi-type, macro): 0.18536901434180525
Information Type F1 (positive class, multi-type, macro): 0.12886872070036684
Information Type Accuracy (overall, multi-type, macro): 0.8651000000000001
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): 0.9764166666666667
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2649172986929587
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2439065978181648
Low Importance Information Type F1 (positive class, multi-type, macro): 0.16956410618469323
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8299473684210525

cycloneKenneth2019

Information Type Precision (positive class, multi-type, macro): 0.16926221471311265
Information Type Recall (positive class, multi-type, macro): 0.16087937348759604
Information Type F1 (positive class, multi-type, macro): 0.11165300927192737
Information Type Accuracy (overall, multi-type, macro): 0.8360380190095049
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): 0.9465566116391528
Low Importance Information Type Precision (positive class, multi-type, macro): 0.22271344041199034
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2116833861678895
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1469118543051676
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8011374108106685

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.12093345287033905
Information Type Recall (positive class, multi-type, macro): 0.1909940404344426
Information Type F1 (positive class, multi-type, macro): 0.11258297389515824
Information Type Accuracy (overall, multi-type, macro): 0.8775939849624058
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): 0.9788638262322472
Low Importance Information Type Precision (positive class, multi-type, macro): 0.1591229643030777
Low Importance Information Type Recall (positive class, multi-type, macro): 0.25130794794005606
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1481354919673135
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8456140350877193

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.13731889341319517
Information Type Recall (positive class, multi-type, macro): 0.18457783703495842
Information Type F1 (positive class, multi-type, macro): 0.11424174051554599
Information Type Accuracy (overall, multi-type, macro): 0.8627280064568197
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): 0.997847726661286
Low Importance Information Type Precision (positive class, multi-type, macro): 0.1806827544910463
Low Importance Information Type Recall (positive class, multi-type, macro): 0.24286557504599793
Low Importance Information Type F1 (positive class, multi-type, macro): 0.15031807962571841
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.820058621129094

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.14084726994508298
Information Type Recall (positive class, multi-type, macro): 0.14953729781078043
Information Type F1 (positive class, multi-type, macro): 0.11910232884077612
Information Type Accuracy (overall, multi-type, macro): 0.8573758339510748
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): 0.9762787249814678
Low Importance Information Type Precision (positive class, multi-type, macro): 0.18532535519089866
Low Importance Information Type Recall (positive class, multi-type, macro): 0.19675960238260584
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1567135905799686
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8198275525730562

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.23611551139872067
Information Type Recall (positive class, multi-type, macro): 0.21510732926963805
Information Type F1 (positive class, multi-type, macro): 0.13882093395015382
Information Type Accuracy (overall, multi-type, macro): 0.8159646539027983

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): 0.9977908689248896
Low Importance Information Type Precision (positive class, multi-type, macro): 0.3106783044720009
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2830359595653132
Low Importance Information Type F1 (positive class, multi-type, macro): 0.18265912361862344
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.75854584915898

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	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	0.95	0.98	9228
Request-InformationWanted	0.03	0.45	0.06	33
micro avg	0.95	0.95	0.95	9261
macro avg	0.52	0.70	0.52	9261
weighted avg	0.99	0.95	0.97	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	1.00	0.99	9155
CallToAction-Donations	0.05	0.01	0.02	106
micro avg	0.99	0.99	0.99	9261
macro avg	0.52	0.50	0.50	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	9158
CallToAction-MovePeople	0.00	0.00	0.00	103
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	0.90	0.93	8942
Report-FirstPartyObservation	0.07	0.20	0.10	319
micro avg	0.88	0.88	0.88	9261
macro avg	0.52	0.55	0.52	9261
weighted avg	0.94	0.88	0.90	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.84	0.99	0.91	7785	
Report-ThirdPartyObservation	0.14	0.01	0.02	1476	
micro avg	0.83	0.83	0.83	9261	
macro avg	0.49	0.50	0.46	9261	
weighted avg	0.73	0.83	0.77	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.88	1.00	0.93	8123	
Report-Weather	0.00	0.00	0.00	1138	
micro avg	0.88	0.88	0.88	9261	
macro avg	0.44	0.50	0.47	9261	
weighted avg	0.77	0.88	0.82	9261	

Report-Location					
	precision	recall	f1-score	support	
Other Classes	0.47	1.00	0.64	4351	
Report-Location	0.58	0.00	0.00	4910	
micro avg	0.47	0.47	0.47	9261	
macro avg	0.53	0.50	0.32	9261	
weighted avg	0.53	0.47	0.30	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.93	1.00	0.96	8622	
Report-EmergingThreats	0.00	0.00	0.00	639	
micro avg	0.93	0.93	0.93	9261	
macro avg	0.47	0.50	0.48	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	9052	
Report-NewSubEvent	0.00	0.00	0.00	209	
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	0.84	0.61	0.71	5719	
Report-MultimediaShare	0.56	0.81	0.66	3542	
micro avg	0.69	0.69	0.69	9261	
macro avg	0.70	0.71	0.69	9261	
weighted avg	0.73	0.69	0.69	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.96	1.00	0.98	8916	
Report-ServiceAvailable	0.00	0.00	0.00	345	
micro avg	0.96	0.96	0.96	9261	
macro avg	0.48	0.50	0.49	9261	
weighted avg	0.93	0.96	0.94	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.68	0.95	0.79	6019
Report-Factoid	0.64	0.15	0.24	3242
micro avg	0.67	0.67	0.67	9261
macro avg	0.66	0.55	0.52	9261
weighted avg	0.66	0.67	0.60	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.92	1.00	0.96	8486
Report-Official	0.35	0.02	0.03	775
micro avg	0.92	0.92	0.92	9261
macro avg	0.63	0.51	0.49	9261
weighted avg	0.87	0.92	0.88	9261

Report-News	precision	recall	f1-score	support
Other Classes	0.78	0.81	0.79	6421
Report-News	0.53	0.48	0.51	2840
micro avg	0.71	0.71	0.71	9261
macro avg	0.65	0.65	0.65	9261
weighted avg	0.70	0.71	0.71	9261

Report-CleanUp	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	9201
Report-CleanUp	0.06	0.03	0.04	60
micro avg	0.99	0.99	0.99	9261
macro avg	0.53	0.51	0.52	9261
weighted avg	0.99	0.99	0.99	9261

Report-Hashtags	precision	recall	f1-score	support
Other Classes	0.93	0.79	0.86	6757
Report-Hashtags	0.60	0.85	0.70	2504
micro avg	0.81	0.81	0.81	9261
macro avg	0.77	0.82	0.78	9261
weighted avg	0.84	0.81	0.81	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.90	0.99	0.94	8321
Report-OriginalEvent	0.20	0.01	0.03	940
micro avg	0.89	0.89	0.89	9261
macro avg	0.55	0.50	0.49	9261
weighted avg	0.83	0.89	0.85	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.98	0.86	0.92	9014
Other-ContextualInformation	0.04	0.19	0.06	247
micro avg	0.84	0.84	0.84	9261
macro avg	0.51	0.53	0.49	9261
weighted avg	0.95	0.84	0.89	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	8946
Other-Advice	0.00	0.00	0.00	315
micro avg	0.97	0.97	0.97	9261
macro avg	0.48	0.50	0.49	9261

weighted avg	0.93	0.97	0.95	9261
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Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.96	0.50	0.66	8481
Other-Sentiment	0.13	0.78	0.22	780
micro avg	0.52	0.52	0.52	9261
macro avg	0.54	0.64	0.44	9261
weighted avg	0.89	0.52	0.62	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	0.92	0.93	8805
Other-Discussion	0.04	0.07	0.05	456
micro avg	0.88	0.88	0.88	9261
macro avg	0.50	0.49	0.49	9261
weighted avg	0.91	0.88	0.89	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.77	0.77	0.77	6224
Other-Irrelevant	0.52	0.52	0.52	3037
micro avg	0.69	0.69	0.69	9261
macro avg	0.65	0.64	0.65	9261
weighted avg	0.69	0.69	0.69	9261