
EVALUATOR: Alertng Performance
Overall performance

> High Importance Alert Worth: -0.08983180428134666
> Low Importance Alert Worth: -0.27759997123968627
> Accumulated Alert Worth: -0.18371588776051645

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.1501932495181878
> Information Type Recall (positive class, multi-type, macro): 0.13596244019443296
> Information Type F1 (positive class, multi-type, macro): 0.08139521264889088
> Information Type Accuracy (overall, multi-type, macro): 0.843442392830148
> High Importance Information Type Precision (positive class, multi-type, macro): 0.03583795217028714
> High Importance Information Type Recall (positive class, multi-type, macro): 0.211966623987505
> High Importance Information Type F1 (positive class, multi-type, macro): 0.059247125992980376
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.8776410034913437
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.18630544868068277
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.11196111899662074
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.08838934527707315
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8326428315687178

EVALUATOR: Information Priority Level
Overall Performance

> Priority Estimation Error (mean squared error, macro): 0.2062938975481817
> Priority Estimation Error High Importance (mean squared error, macro): 0.16604135203503817
> Priority Estimation Error Low Importance (mean squared error, macro): 0.21900522771022707

LATEX

Informedia-rf3 & -0.0898 & -0.1837 & 0.0592 & 0.0568 & 0.8434 & 0.1660 & 0.2063 \\\

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

albertaWildfires2019

Information Type Precision (positive class, multi-type, macro): 0.1496062646644711
Information Type Recall (positive class, multi-type, macro): 0.1464263655049449
Information Type F1 (positive class, multi-type, macro): 0.0745941234573236
Information Type Accuracy (overall, multi-type, macro): 0.8274200000000002
High Importance Information Type Precision (positive class, multi-type, macro): 0.03383050460026287
High Importance Information Type Recall (positive class, multi-type, macro): 0.27763583716572987
High Importance Information Type F1 (positive class, multi-type, macro): 0.06013136385247129
High Importance Information Type Accuracy (overall, multi-type, macro): 0.8625000000000002
Low Importance Information Type Precision (positive class, multi-type, macro): 0.18616703100053683
Low Importance Information Type Recall (positive class, multi-type, macro): 0.10499179550680227
Low Importance Information Type F1 (positive class, multi-type, macro): 0.07916131070096116
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8163421052631579

cycloneKenneth2019

Information Type Precision (positive class, multi-type, macro): 0.16043050851885418
Information Type Recall (positive class, multi-type, macro): 0.13548493872865425
Information Type F1 (positive class, multi-type, macro): 0.08126997778828046
Information Type Accuracy (overall, multi-type, macro): 0.8161680840420211
High Importance Information Type Precision (positive class, multi-type, macro): 0.06637110832752928
High Importance Information Type Recall (positive class, multi-type, macro): 0.2183701724556716
High Importance Information Type F1 (positive class, multi-type, macro): 0.09553699345604966
High Importance Information Type Accuracy (overall, multi-type, macro): 0.8569284642321161
Low Importance Information Type Precision (positive class, multi-type, macro): 0.1901334770003252
Low Importance Information Type Recall (positive class, multi-type, macro): 0.10931065439380666
Low Importance Information Type F1 (positive class, multi-type, macro): 0.07676460441951126
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8032963850346226

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.09069776733193717
Information Type Recall (positive class, multi-type, macro): 0.13433908432622824
Information Type F1 (positive class, multi-type, macro): 0.08095777753588564
Information Type Accuracy (overall, multi-type, macro): 0.8846315789473685
High Importance Information Type Precision (positive class, multi-type, macro): 0.042927572795122465
High Importance Information Type Recall (positive class, multi-type, macro): 0.14708853238265004
High Importance Information Type F1 (positive class, multi-type, macro): 0.027337558022916278
High Importance Information Type Accuracy (overall, multi-type, macro): 0.8998329156223893
Low Importance Information Type Precision (positive class, multi-type, macro): 0.10578309192251023
Low Importance Information Type Recall (positive class, multi-type, macro): 0.13031294283472664
Low Importance Information Type F1 (positive class, multi-type, macro): 0.09789047843471806
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8798311568394671

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.07227612705406136
Information Type Recall (positive class, multi-type, macro): 0.1354667471663059
Information Type F1 (positive class, multi-type, macro): 0.0670683076885124
Information Type Accuracy (overall, multi-type, macro): 0.8789346246973365
High Importance Information Type Precision (positive class, multi-type, macro): 0.0011287409700722394
High Importance Information Type Recall (positive class, multi-type, macro): 0.19444444444444445
High Importance Information Type F1 (positive class, multi-type, macro): 0.0022278473517482315
High Importance Information Type Accuracy (overall, multi-type, macro): 0.8892924401398977
Low Importance Information Type Precision (positive class, multi-type, macro): 0.09474372265953161
Low Importance Information Type Recall (positive class, multi-type, macro): 0.1168422118373585
Low Importance Information Type F1 (positive class, multi-type, macro): 0.08754424253170107
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8756637356102118

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.08574563185755599
Information Type Recall (positive class, multi-type, macro): 0.12693615582870826
Information Type F1 (positive class, multi-type, macro): 0.07365779876679214
Information Type Accuracy (overall, multi-type, macro): 0.8440029651593772
High Importance Information Type Precision (positive class, multi-type, macro): 0.028244817407156536
High Importance Information Type Recall (positive class, multi-type, macro): 0.1851404652660388
High Importance Information Type F1 (positive class, multi-type, macro): 0.04851923777157422
High Importance Information Type Accuracy (overall, multi-type, macro): 0.8636026686434396
Low Importance Information Type Precision (positive class, multi-type, macro): 0.10390378378926109
Low Importance Information Type Recall (positive class, multi-type, macro): 0.10855584758534072
Low Importance Information Type F1 (positive class, multi-type, macro): 0.08159629171265044
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8378135851117786

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.11374436675013891
Information Type Recall (positive class, multi-type, macro): 0.14132053754784205
Information Type F1 (positive class, multi-type, macro): 0.05682701363247378
Information Type Accuracy (overall, multi-type, macro): 0.7840353460972018

High Importance Information Type Precision (positive class, multi-type, macro): 0.0025252525252525255
High Importance Information Type Recall (positive class, multi-type, macro): 0.16666666666666666
High Importance Information Type F1 (positive class, multi-type, macro): 0.0049751243781094535
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9246440844378988
Low Importance Information Type Precision (positive class, multi-type, macro): 0.14886619229483988
Low Importance Information Type Recall (positive class, multi-type, macro): 0.13331649677347637
Low Importance Information Type F1 (positive class, multi-type, macro): 0.07320129444964145
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7396325866211921

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

Request-GoodsServices				
	precision	recall	f1-score	support
Other Classes	1.00	0.99	0.99	9223
Request-GoodsServices	0.01	0.03	0.02	38
micro avg	0.99	0.99	0.99	9261
macro avg	0.50	0.51	0.50	9261
weighted avg	0.99	0.99	0.99	9261
Request-SearchAndRescue				
	precision	recall	f1-score	support
Other Classes	1.00	0.95	0.97	9252
Request-SearchAndRescue	0.00	0.00	0.00	9
micro avg	0.95	0.95	0.95	9261
macro avg	0.50	0.48	0.49	9261
weighted avg	1.00	0.95	0.97	9261
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9229
Request-InformationWanted	0.00	0.00	0.00	32
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	0.25	0.01	0.02	106
micro avg	0.99	0.99	0.99	9261
macro avg	0.62	0.50	0.51	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	1.00	0.98	8942
Report-FirstPartyObservation	0.25	0.00	0.01	319
micro avg	0.97	0.97	0.97	9261
macro avg	0.61	0.50	0.49	9261
weighted avg	0.94	0.97	0.95	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.84	0.94	0.89	7785	
Report-ThirdPartyObservation	0.11	0.04	0.06	1476	
micro avg	0.80	0.80	0.80	9261	
macro avg	0.47	0.49	0.47	9261	
weighted avg	0.72	0.80	0.75	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.88	1.00	0.93	8124	
Report-Weather	0.00	0.00	0.00	1137	
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	4352	
Report-Location	0.00	0.00	0.00	4909	
micro avg	0.47	0.47	0.47	9261	
macro avg	0.23	0.50	0.32	9261	
weighted avg	0.22	0.47	0.30	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.95	0.73	0.82	8621	
Report-EmergingThreats	0.11	0.46	0.18	640	
micro avg	0.71	0.71	0.71	9261	
macro avg	0.53	0.59	0.50	9261	
weighted avg	0.89	0.71	0.78	9261	

Report-NewSubEvent					
	precision	recall	f1-score	support	
Other Classes	0.98	0.97	0.98	9051	
Report-NewSubEvent	0.01	0.01	0.01	210	
micro avg	0.95	0.95	0.95	9261	
macro avg	0.49	0.49	0.49	9261	
weighted avg	0.96	0.95	0.95	9261	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.62	1.00	0.76	5719	
Report-MultimediaShare	0.50	0.00	0.00	3542	
micro avg	0.62	0.62	0.62	9261	
macro avg	0.56	0.50	0.38	9261	
weighted avg	0.57	0.62	0.47	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.99	0.67	0.80	8916	
Report-ServiceAvailable	0.08	0.78	0.15	345	
micro avg	0.68	0.68	0.68	9261	
macro avg	0.54	0.73	0.48	9261	
weighted avg	0.95	0.68	0.78	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.67	0.96	0.79	6019
Report-Factoid	0.63	0.13	0.21	3242
micro avg	0.67	0.67	0.67	9261
macro avg	0.65	0.54	0.50	9261
weighted avg	0.66	0.67	0.59	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.92	1.00	0.96	8487
Report-Official	0.00	0.00	0.00	774
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	0.79	0.76	0.78	6421
Report-News	0.50	0.55	0.52	2840
micro avg	0.69	0.69	0.69	9261
macro avg	0.65	0.65	0.65	9261
weighted avg	0.70	0.69	0.70	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	1.00	0.84	6757
Report-Hashtags	0.50	0.00	0.01	2504
micro avg	0.73	0.73	0.73	9261
macro avg	0.62	0.50	0.42	9261
weighted avg	0.67	0.73	0.62	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.90	1.00	0.95	8322
Report-OriginalEvent	0.00	0.00	0.00	939
micro avg	0.90	0.90	0.90	9261
macro avg	0.45	0.50	0.47	9261
weighted avg	0.81	0.90	0.85	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.99	9015
Other-ContextualInformation	0.00	0.00	0.00	246
micro avg	0.97	0.97	0.97	9261
macro avg	0.49	0.50	0.49	9261
weighted avg	0.95	0.97	0.96	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.97	1.00	0.98	8947
Other-Advice	0.00	0.00	0.00	314
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
--------------	------	------	------	------

Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.97	0.73	0.83	8481
Other-Sentiment	0.19	0.72	0.31	780
micro avg	0.73	0.73	0.73	9261
macro avg	0.58	0.72	0.57	9261
weighted avg	0.90	0.73	0.79	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	8805
Other-Discussion	0.18	0.02	0.03	456
micro avg	0.95	0.95	0.95	9261
macro avg	0.56	0.51	0.50	9261
weighted avg	0.91	0.95	0.93	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.77	0.57	0.65	6224
Other-Irrelevant	0.43	0.66	0.52	3037
micro avg	0.60	0.60	0.60	9261
macro avg	0.60	0.61	0.59	9261
weighted avg	0.66	0.60	0.61	9261