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EVALUATOR: Alertng Performance  
Overall performance  
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> High Importance Alert Worth: -0.5902140672782877  
> Low Importance Alert Worth: -0.0005662901528575767  
> Accumulated Alert Worth: -0.29539017871557266

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EVALUATOR: Information Type Categorization  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.23824114628712312  
> Information Type Recall (positive class, multi-type, macro): 0.07903188657641134  
> Information Type F1 (positive class, multi-type, macro): 0.10045258945304657  
> Information Type Accuracy (overall, multi-type, macro): 0.8605377389050858  
> High Importance Information Type Precision (positive class, multi-type, macro): 0.04589371980676329  
> High Importance Information Type Recall (positive class, multi-type, macro): 0.00985054347826087  
> High Importance Information Type F1 (positive class, multi-type, macro): 0.016047986935494002  
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.9725371630133536  
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.29898243885986836  
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.10087862650214309  
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.12710667445858947  
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8251694997130014

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EVALUATOR: Information Priority Level  
Overall Performance  
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> Priority Estimation Error (mean squared error, macro): 0.11293186719129605  
> Priority Estimation Error High Importance (mean squared error, macro): 0.20927851718113036  
> Priority Estimation Error Low Importance (mean squared error, macro): 0.08250660929976941

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LATEX  
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DLR\_SIF\_R & -0.5902 & -0.2954 & 0.0160 & 0.0818 & 0.8605 & 0.2093 & 0.1129 \\

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EVALUATOR: Information Type Categorization (Multi-type)  
Per Event Performance  
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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): 0.04  
Information Type Recall (positive class, multi-type, macro): 0.00011731843575419  
Information Type F1 (positive class, multi-type, macro): 0.0002284122562674094  
Information Type Accuracy (overall, multi-type, macro): 0.8563881940970487  
High Importance Information Type Precision (positive class, multi-type, macro): 0.16666666666666666  
High Importance Information Type Recall (positive class, multi-type, macro): 0.0004655493482309125  
High Importance Information Type F1 (positive class, multi-type, macro): 0.0009285051067780873  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9478072369518094  
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): 0.8275190226692294

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.16248555771539766  
Information Type Recall (positive class, multi-type, macro): 0.1229753142044716  
Information Type F1 (positive class, multi-type, macro): 0.10660019902555233  
Information Type Accuracy (overall, multi-type, macro): 0.8828471177944861  
High Importance Information Type Precision (positive class, multi-type, macro): 0.0295138888888888885  
High Importance Information Type Recall (positive class, multi-type, macro): 0.05378787878787878  
High Importance Information Type F1 (positive class, multi-type, macro): 0.027836691410392366  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9725146198830409  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.204476661102903203  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.14482397802023775  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.131472885640866  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8545310645033637

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.15868916192032034  
Information Type Recall (positive class, multi-type, macro): 0.14027046231276827  
Information Type F1 (positive class, multi-type, macro): 0.09512086329726398  
Information Type Accuracy (overall, multi-type, macro): 0.8614366424535916  
High Importance Information Type Precision (positive class, multi-type, macro): 0.030303030303030304  
High Importance Information Type Recall (positive class, multi-type, macro): 0.05555555555555555  
High Importance Information Type F1 (positive class, multi-type, macro): 0.03921568627450981  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9958299704062415  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.19923215085209617  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.16702253813083545  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.11277512972550213  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.818996644152755

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.21832007085358845  
Information Type Recall (positive class, multi-type, macro): 0.15338909011691496  
Information Type F1 (positive class, multi-type, macro): 0.14006640931414724  
Information Type Accuracy (overall, multi-type, macro): 0.8515641215715347  
High Importance Information Type Precision (positive class, multi-type, macro): 0.07469654528478058  
High Importance Information Type Recall (positive class, multi-type, macro): 0.03606214279964582  
High Importance Information Type F1 (positive class, multi-type, macro): 0.04569388665774208  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9702248579194466  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.26367486840163307  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.1904397050592105  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.16986825857406468  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8140923100932466

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.2084697334384136  
Information Type Recall (positive class, multi-type, macro): 0.08388518803713002  
Information Type F1 (positive class, multi-type, macro): 0.08179316995676922  
Information Type Accuracy (overall, multi-type, macro): 0.7998232695139913

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): 0.993127147766323  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2743022808400179  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.11037524741727633  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.10762259204838055  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7387799395395707

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 EVALUATOR: Information Type Categorization (Multi-type)  
 Per Information Type Performance  
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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	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	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
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9237
CallToAction-Volunteer	0.71	0.21	0.32	24
micro avg	1.00	1.00	1.00	9261
macro avg	0.86	0.60	0.66	9261
weighted avg	1.00	1.00	1.00	9261
CallToAction-Donations				
	precision	recall	f1-score	support
Other Classes	0.99	0.99	0.99	9155
CallToAction-Donations	0.15	0.08	0.11	106
micro avg	0.98	0.98	0.98	9261
macro avg	0.57	0.54	0.55	9261
weighted avg	0.98	0.98	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	0.93	0.95	8942
Report-FirstPartyObservation	0.05	0.10	0.07	319
micro avg	0.91	0.91	0.91	9261
macro avg	0.51	0.52	0.51	9261
weighted avg	0.94	0.91	0.92	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.85	0.95	0.89	7785	
Report-ThirdPartyObservation	0.26	0.10	0.15	1476	
micro avg	0.81	0.81	0.81	9261	
macro avg	0.56	0.52	0.52	9261	
weighted avg	0.75	0.81	0.78	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.88	0.99	0.93	8123	
Report-Weather	0.30	0.02	0.03	1138	
micro avg	0.87	0.87	0.87	9261	
macro avg	0.59	0.51	0.48	9261	
weighted avg	0.81	0.87	0.82	9261	

Report-Location					
	precision	recall	f1-score	support	
Other Classes	0.47	0.99	0.64	4351	
Report-Location	0.71	0.02	0.03	4910	
micro avg	0.47	0.47	0.47	9261	
macro avg	0.59	0.50	0.33	9261	
weighted avg	0.60	0.47	0.32	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.93	0.99	0.96	8621	
Report-EmergingThreats	0.11	0.02	0.03	640	
micro avg	0.92	0.92	0.92	9261	
macro avg	0.52	0.50	0.49	9261	
weighted avg	0.87	0.92	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	0.97	0.97	0.97	9261	
macro avg	0.49	0.50	0.49	9261	
weighted avg	0.96	0.97	0.96	9261	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.62	0.92	0.74	5719	
Report-MultimediaShare	0.39	0.09	0.14	3542	
micro avg	0.60	0.60	0.60	9261	
macro avg	0.50	0.50	0.44	9261	
weighted avg	0.53	0.60	0.51	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.96	0.99	0.98	8916	
Report-ServiceAvailable	0.17	0.04	0.07	345	
micro avg	0.96	0.96	0.96	9261	
macro avg	0.57	0.52	0.52	9261	
weighted avg	0.93	0.96	0.94	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.69	0.97	0.81	6019
Report-Factoid	0.77	0.20	0.32	3242
micro avg	0.70	0.70	0.70	9261
macro avg	0.73	0.58	0.56	9261
weighted avg	0.72	0.70	0.64	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.92	0.99	0.95	8486
Report-Official	0.35	0.03	0.06	775
micro avg	0.91	0.91	0.91	9261
macro avg	0.63	0.51	0.51	9261
weighted avg	0.87	0.91	0.88	9261

Report-News	precision	recall	f1-score	support
Other Classes	0.71	0.93	0.80	6421
Report-News	0.47	0.14	0.22	2840
micro avg	0.69	0.69	0.69	9261
macro avg	0.59	0.54	0.51	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	9201
Report-CleanUp	0.25	0.07	0.11	60
micro avg	0.99	0.99	0.99	9261
macro avg	0.62	0.53	0.55	9261
weighted avg	0.99	0.99	0.99	9261

Report-Hashtags	precision	recall	f1-score	support
Other Classes	0.72	0.90	0.80	6757
Report-Hashtags	0.17	0.06	0.09	2504
micro avg	0.67	0.67	0.67	9261
macro avg	0.45	0.48	0.44	9261
weighted avg	0.57	0.67	0.61	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.91	0.98	0.94	8321
Report-OriginalEvent	0.45	0.17	0.25	940
micro avg	0.89	0.89	0.89	9261
macro avg	0.68	0.57	0.60	9261
weighted avg	0.87	0.89	0.87	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.97	0.94	0.96	9014
Other-ContextualInformation	0.05	0.11	0.07	247
micro avg	0.92	0.92	0.92	9261
macro avg	0.51	0.52	0.51	9261
weighted avg	0.95	0.92	0.94	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	8946
Other-Advice	0.07	0.03	0.04	315
micro avg	0.95	0.95	0.95	9261
macro avg	0.52	0.51	0.51	9261

weighted avg	0.94	0.95	0.94	9261
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Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.93	0.79	0.86	8481
Other-Sentiment	0.13	0.32	0.18	780
micro avg	0.75	0.75	0.75	9261
macro avg	0.53	0.56	0.52	9261
weighted avg	0.86	0.75	0.80	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	0.96	0.95	8805
Other-Discussion	0.03	0.02	0.03	456
micro avg	0.91	0.91	0.91	9261
macro avg	0.49	0.49	0.49	9261
weighted avg	0.90	0.91	0.91	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.68	0.88	0.77	6224
Other-Irrelevant	0.37	0.15	0.21	3037
micro avg	0.64	0.64	0.64	9261
macro avg	0.53	0.51	0.49	9261
weighted avg	0.58	0.64	0.58	9261