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EVALUATOR: Alertng Performance  
Overall performance  
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> High Importance Alert Worth: -0.9505351681957195  
> Low Importance Alert Worth: -0.00307564193322098  
> Accumulated Alert Worth: -0.4768054050644702

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EVALUATOR: Information Type Categorization  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.2952218552349015  
> Information Type Recall (positive class, multi-type, macro): 0.22144112074020517  
> Information Type F1 (positive class, multi-type, macro): 0.22329443072688132  
> Information Type Accuracy (overall, multi-type, macro): 0.8539552964042759  
> High Importance Information Type Precision (positive class, multi-type, macro): 0.18279933367357817  
> High Importance Information Type Recall (positive class, multi-type, macro): 0.0846174074005014  
> High Importance Information Type F1 (positive class, multi-type, macro): 0.11113022524832915  
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.9668322355397185  
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.3307237041490037  
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.26464860916326954  
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.25871470614116093  
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8183099472036099

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EVALUATOR: Information Priority Level  
Overall Performance  
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> Priority Estimation Error (mean squared error, macro): 0.10186938565005663  
> Priority Estimation Error High Importance (mean squared error, macro): 0.17665249129924354  
> Priority Estimation Error Low Importance (mean squared error, macro): 0.07825366807662922

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LATEX  
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DLR\_USE\_R & -0.9505 & -0.4768 & 0.1111 & 0.1195 & 0.8540 & 0.1767 & 0.1019 \\

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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): 0.30695752761780387  
Information Type Recall (positive class, multi-type, macro): 0.22914424496203342  
Information Type F1 (positive class, multi-type, macro): 0.2333942973546076  
Information Type Accuracy (overall, multi-type, macro): 0.8508600000000003  
High Importance Information Type Precision (positive class, multi-type, macro): 0.2056124106562703  
High Importance Information Type Recall (positive class, multi-type, macro): 0.12598772923408844  
High Importance Information Type F1 (positive class, multi-type, macro): 0.14565197586620882  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9665833333333333  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.3389612487635513  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2617199867708581  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.26110239887725983  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8143157894736842

cycloneKenneth2019

Information Type Precision (positive class, multi-type, macro): 0.24910327539131016  
Information Type Recall (positive class, multi-type, macro): 0.1928643249052382  
Information Type F1 (positive class, multi-type, macro): 0.16899788380350633  
Information Type Accuracy (overall, multi-type, macro): 0.8263731865932966  
High Importance Information Type Precision (positive class, multi-type, macro): 0.1924756335282651  
High Importance Information Type Recall (positive class, multi-type, macro): 0.07589159929213367  
High Importance Information Type F1 (positive class, multi-type, macro): 0.10708195920082586  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9415541103885277  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2669856886112192  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.22980308036200806  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1885502810464581  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7900002632895395

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.19537736780207474  
Information Type Recall (positive class, multi-type, macro): 0.2233170940080402  
Information Type F1 (positive class, multi-type, macro): 0.16106875008372956  
Information Type Accuracy (overall, multi-type, macro): 0.8792781954887218  
High Importance Information Type Precision (positive class, multi-type, macro): 0.0813095238095238  
High Importance Information Type Recall (positive class, multi-type, macro): 0.12119726678550209  
High Importance Information Type F1 (positive class, multi-type, macro): 0.0778515897159965  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9726817042606517  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.23139879222077503  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.255565460499368  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1873478533577505  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8497823506133756

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.10530423768771699  
Information Type Recall (positive class, multi-type, macro): 0.12154411003706982  
Information Type F1 (positive class, multi-type, macro): 0.07739775621084935  
Information Type Accuracy (overall, multi-type, macro): 0.8656012913640032  
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): 0.9958299704062417  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.13855820748383815  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.15992646057509186  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.1018391529090123  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8244764453506649

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.2414887784144909  
Information Type Recall (positive class, multi-type, macro): 0.19514507491559535  
Information Type F1 (positive class, multi-type, macro): 0.1857182238734865  
Information Type Accuracy (overall, multi-type, macro): 0.8668050407709412  
High Importance Information Type Precision (positive class, multi-type, macro): 0.0387531328320802  
High Importance Information Type Recall (positive class, multi-type, macro): 0.017466380784419904  
High Importance Information Type F1 (positive class, multi-type, macro): 0.020192330862467495  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.957499382258463  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.305510561229989  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2512541362201771  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.2379895585085451  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8381647224064609

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.1911835405635706  
Information Type Recall (positive class, multi-type, macro): 0.1582319075446565  
Information Type F1 (positive class, multi-type, macro): 0.11947773319463219  
Information Type Accuracy (overall, multi-type, macro): 0.8230927835051547

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): 0.9904270986745214  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2515572902152245  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2081999878348232  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.15720754367714762  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7702503681885126

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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	0.15	0.11	0.12	38
micro avg	0.99	0.99	0.99	9261
macro avg	0.57	0.55	0.56	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	1.00	1.00	9228
Request-InformationWanted	0.28	0.33	0.31	33
micro avg	0.99	0.99	0.99	9261
macro avg	0.64	0.67	0.65	9261
weighted avg	1.00	0.99	0.99	9261

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9237
CallToAction-Volunteer	0.16	0.12	0.14	24
micro avg	1.00	1.00	1.00	9261
macro avg	0.58	0.56	0.57	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	0.31	0.25	0.28	106
micro avg	0.99	0.99	0.99	9261
macro avg	0.65	0.62	0.64	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	0.34	0.10	0.15	103
micro avg	0.99	0.99	0.99	9261
macro avg	0.67	0.55	0.57	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	0.05	0.16	0.08	319
micro avg	0.88	0.88	0.88	9261
macro avg	0.51	0.53	0.51	9261
weighted avg	0.94	0.88	0.90	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.84	0.89	0.86	7785	
Report-ThirdPartyObservation	0.14	0.09	0.11	1476	
micro avg	0.77	0.77	0.77	9261	
macro avg	0.49	0.49	0.49	9261	
weighted avg	0.73	0.77	0.75	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.91	0.97	0.94	8123	
Report-Weather	0.59	0.28	0.38	1138	
micro avg	0.89	0.89	0.89	9261	
macro avg	0.75	0.62	0.66	9261	
weighted avg	0.87	0.89	0.87	9261	

Report-Location					
	precision	recall	f1-score	support	
Other Classes	0.48	0.99	0.64	4351	
Report-Location	0.77	0.04	0.08	4910	
micro avg	0.49	0.49	0.49	9261	
macro avg	0.62	0.51	0.36	9261	
weighted avg	0.63	0.49	0.35	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.94	0.95	0.94	8621	
Report-EmergingThreats	0.18	0.15	0.16	640	
micro avg	0.89	0.89	0.89	9261	
macro avg	0.56	0.55	0.55	9261	
weighted avg	0.88	0.89	0.89	9261	

Report-NewSubEvent					
	precision	recall	f1-score	support	
Other Classes	0.98	0.99	0.98	9051	
Report-NewSubEvent	0.05	0.02	0.03	210	
micro avg	0.97	0.97	0.97	9261	
macro avg	0.51	0.51	0.51	9261	
weighted avg	0.96	0.97	0.96	9261	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.70	0.80	0.75	5719	
Report-MultimediaShare	0.58	0.44	0.50	3542	
micro avg	0.67	0.67	0.67	9261	
macro avg	0.64	0.62	0.62	9261	
weighted avg	0.65	0.67	0.65	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.97	0.99	0.98	8916	
Report-ServiceAvailable	0.38	0.14	0.20	345	
micro avg	0.96	0.96	0.96	9261	
macro avg	0.67	0.56	0.59	9261	
weighted avg	0.95	0.96	0.95	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.72	0.90	0.80	6019
Report-Factoid	0.66	0.35	0.46	3242
micro avg	0.71	0.71	0.71	9261
macro avg	0.69	0.63	0.63	9261
weighted avg	0.70	0.71	0.68	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.92	0.98	0.95	8486
Report-Official	0.16	0.03	0.06	775
micro avg	0.90	0.90	0.90	9261
macro avg	0.54	0.51	0.50	9261
weighted avg	0.85	0.90	0.87	9261

Report-News	precision	recall	f1-score	support
Other Classes	0.75	0.65	0.69	6421
Report-News	0.39	0.50	0.44	2840
micro avg	0.60	0.60	0.60	9261
macro avg	0.57	0.57	0.56	9261
weighted avg	0.64	0.60	0.61	9261

Report-CleanUp	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	9201
Report-CleanUp	0.36	0.20	0.26	60
micro avg	0.99	0.99	0.99	9261
macro avg	0.68	0.60	0.63	9261
weighted avg	0.99	0.99	0.99	9261

Report-Hashtags	precision	recall	f1-score	support
Other Classes	0.78	0.75	0.76	6757
Report-Hashtags	0.39	0.43	0.41	2504
micro avg	0.66	0.66	0.66	9261
macro avg	0.58	0.59	0.58	9261
weighted avg	0.67	0.66	0.67	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.93	0.89	0.91	8321
Report-OriginalEvent	0.28	0.39	0.33	940
micro avg	0.84	0.84	0.84	9261
macro avg	0.60	0.64	0.62	9261
weighted avg	0.86	0.84	0.85	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.97	0.90	0.94	9014
Other-ContextualInformation	0.04	0.13	0.06	247
micro avg	0.88	0.88	0.88	9261
macro avg	0.50	0.52	0.50	9261
weighted avg	0.95	0.88	0.91	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.98	0.97	0.97	8946
Other-Advice	0.29	0.33	0.31	315
micro avg	0.95	0.95	0.95	9261
macro avg	0.63	0.65	0.64	9261

weighted avg	0.95	0.95	0.95	9261
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Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.96	0.80	0.87	8481
Other-Sentiment	0.22	0.60	0.32	780
micro avg	0.79	0.79	0.79	9261
macro avg	0.59	0.70	0.60	9261
weighted avg	0.89	0.79	0.83	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.95	0.93	0.94	8805
Other-Discussion	0.07	0.11	0.08	456
micro avg	0.89	0.89	0.89	9261
macro avg	0.51	0.52	0.51	9261
weighted avg	0.91	0.89	0.90	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.71	0.91	0.80	6224
Other-Irrelevant	0.55	0.23	0.33	3037
micro avg	0.69	0.69	0.69	9261
macro avg	0.63	0.57	0.56	9261
weighted avg	0.66	0.69	0.64	9261