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EVALUATOR: Alertng Performance  
Overall performance  
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> High Importance Alert Worth: -0.9376146788990825  
> Low Importance Alert Worth: -0.0037468235653152606  
> Accumulated Alert Worth: -0.4706807512321989

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EVALUATOR: Information Type Categorization  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.24074570526678238  
> Information Type Recall (positive class, multi-type, macro): 0.32500733430564177  
> Information Type F1 (positive class, multi-type, macro): 0.2343446892022796  
> Information Type Accuracy (overall, multi-type, macro): 0.8158600583090378  
> High Importance Information Type Precision (positive class, multi-type, macro): 0.14594883963571526  
> High Importance Information Type Recall (positive class, multi-type, macro): 0.1341288384650007  
> High Importance Information Type F1 (positive class, multi-type, macro): 0.1286751497965317  
> High Importance Information Type Accuracy (overall, multi-type, macro): 0.960281467084188  
> Low Importance Information Type Precision (positive class, multi-type, macro): 0.27068155757132994  
> Low Importance Information Type Recall (positive class, multi-type, macro): 0.3852847540447916  
> Low Importance Information Type F1 (positive class, multi-type, macro): 0.2677140174356737  
> Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7702532976432013

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EVALUATOR: Information Priority Level  
Overall Performance  
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> Priority Estimation Error (mean squared error, macro): 0.08291278855897712  
> Priority Estimation Error High Importance (mean squared error, macro): 0.14162431516077303  
> Priority Estimation Error Low Importance (mean squared error, macro): 0.0643723064741995

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LATEX  
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UPB-FOCAL & -0.9376 & -0.4707 & 0.1287 & 0.1830 & 0.8159 & 0.1416 & 0.0829 \\\

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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): 0.2070816535302311  
Information Type Recall (positive class, multi-type, macro): 0.3026782039641873  
Information Type F1 (positive class, multi-type, macro): 0.17183372488986884  
Information Type Accuracy (overall, multi-type, macro): 0.7969200000000001  
High Importance Information Type Precision (positive class, multi-type, macro): 0.07300983899821109  
High Importance Information Type Recall (positive class, multi-type, macro): 0.049596001532958615  
High Importance Information Type F1 (positive class, multi-type, macro): 0.05621546961325966  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9626666666666667  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.24942012127718477  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.38259889946878584  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.20834475287195592  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.744578947368421

cycloneKenneth2019

Information Type Precision (positive class, multi-type, macro): 0.24090125836457724  
Information Type Recall (positive class, multi-type, macro): 0.3389681286290742  
Information Type F1 (positive class, multi-type, macro): 0.24193136069491047  
Information Type Accuracy (overall, multi-type, macro): 0.7900950475237619  
High Importance Information Type Precision (positive class, multi-type, macro): 0.23735458094791154  
High Importance Information Type Recall (positive class, multi-type, macro): 0.1428945002015056  
High Importance Information Type F1 (positive class, multi-type, macro): 0.16437901451543127  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9323828580957145  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2420212617593137  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.40088611655356965  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.26642157527790394  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7451620547115664

philippinesEarthquake2019

Information Type Precision (positive class, multi-type, macro): 0.18229096394876937  
Information Type Recall (positive class, multi-type, macro): 0.32522202477648604  
Information Type F1 (positive class, multi-type, macro): 0.1830348198537511  
Information Type Accuracy (overall, multi-type, macro): 0.8439899749373434  
High Importance Information Type Precision (positive class, multi-type, macro): 0.06289410119501652  
High Importance Information Type Recall (positive class, multi-type, macro): 0.14389483065953654  
High Importance Information Type F1 (positive class, multi-type, macro): 0.08198212799982711  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9559732664995823  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.2199952363973229  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.38248324397131217  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.2149461962286745  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.8086268302334784

coloradoStemShooting2019

Information Type Precision (positive class, multi-type, macro): 0.13838144836472627  
Information Type Recall (positive class, multi-type, macro): 0.2131827250703035  
Information Type F1 (positive class, multi-type, macro): 0.11843818766128152  
Information Type Accuracy (overall, multi-type, macro): 0.8388054882970137  
High Importance Information Type Precision (positive class, multi-type, macro): 0.012820512820512822  
High Importance Information Type Recall (positive class, multi-type, macro): 0.05555555555555555  
High Importance Information Type F1 (positive class, multi-type, macro): 0.020833333333333332  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9917944578961526  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.17803227011553052  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2629597259696976  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.14926077323852832  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.790493182107812

southAfricaFloods2019

Information Type Precision (positive class, multi-type, macro): 0.19677755044888465  
Information Type Recall (positive class, multi-type, macro): 0.32632535305045285  
Information Type F1 (positive class, multi-type, macro): 0.21006481452140677  
Information Type Accuracy (overall, multi-type, macro): 0.8307487027427725  
High Importance Information Type Precision (positive class, multi-type, macro): 0.09799792106282908  
High Importance Information Type Recall (positive class, multi-type, macro): 0.13842481809156526  
High Importance Information Type F1 (positive class, multi-type, macro): 0.1077404386951631  
High Importance Information Type Accuracy (overall, multi-type, macro): 0.9589819619471215  
Low Importance Information Type Precision (positive class, multi-type, macro): 0.22797111762342848  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.38566236409010163  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.24237777530864163  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.79025398930982

sandiegoSynagogueShooting2019

Information Type Precision (positive class, multi-type, macro): 0.29528759856055903  
Information Type Recall (positive class, multi-type, macro): 0.21562708705760505  
Information Type F1 (positive class, multi-type, macro): 0.1829898386811023  
Information Type Accuracy (overall, multi-type, macro): 0.7934020618556701

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): 0.3885363138954724  
Low Importance Information Type Recall (positive class, multi-type, macro): 0.2837198513915856  
Low Importance Information Type F1 (positive class, multi-type, macro): 0.24077610352776618  
Low Importance Information Type Accuracy (overall, multi-type, macro): 0.7303309820944113

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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	0.19	0.11	0.14	38
micro avg	0.99	0.99	0.99	9261
macro avg	0.59	0.55	0.57	9261
weighted avg	0.99	0.99	0.99	9261

Request-SearchAndRescue	precision	recall	f1-score	support
Other Classes	1.00	0.99	1.00	9252
Request-SearchAndRescue	0.02	0.11	0.03	9
micro avg	0.99	0.99	0.99	9261
macro avg	0.51	0.55	0.52	9261
weighted avg	1.00	0.99	1.00	9261

Request-InformationWanted	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	9228
Request-InformationWanted	0.14	0.12	0.13	33
micro avg	0.99	0.99	0.99	9261
macro avg	0.57	0.56	0.56	9261
weighted avg	0.99	0.99	0.99	9261

CallToAction-Volunteer	precision	recall	f1-score	support
Other Classes	1.00	0.99	1.00	9237
CallToAction-Volunteer	0.06	0.17	0.09	24
micro avg	0.99	0.99	0.99	9261
macro avg	0.53	0.58	0.54	9261
weighted avg	1.00	0.99	0.99	9261

CallToAction-Donations	precision	recall	f1-score	support
Other Classes	0.99	0.99	0.99	9155
CallToAction-Donations	0.28	0.50	0.36	106
micro avg	0.98	0.98	0.98	9261
macro avg	0.64	0.74	0.68	9261
weighted avg	0.99	0.98	0.98	9261

CallToAction-MovePeople	precision	recall	f1-score	support
Other Classes	0.99	1.00	0.99	9158
CallToAction-MovePeople	0.14	0.05	0.07	103
micro avg	0.99	0.99	0.99	9261
macro avg	0.57	0.52	0.53	9261
weighted avg	0.98	0.99	0.98	9261

Report-FirstPartyObservation	precision	recall	f1-score	support
Other Classes	0.99	0.67	0.80	8942
Report-FirstPartyObservation	0.07	0.73	0.13	319
micro avg	0.67	0.67	0.67	9261
macro avg	0.53	0.70	0.46	9261
weighted avg	0.95	0.67	0.77	9261

Report-ThirdPartyObservation					
	precision	recall	f1-score	support	
Other Classes	0.82	0.57	0.67	7785	
Report-ThirdPartyObservation	0.13	0.34	0.19	1476	
micro avg	0.53	0.53	0.53	9261	
macro avg	0.47	0.45	0.43	9261	
weighted avg	0.71	0.53	0.59	9261	

Report-Weather					
	precision	recall	f1-score	support	
Other Classes	0.92	0.96	0.94	8123	
Report-Weather	0.55	0.38	0.45	1138	
micro avg	0.89	0.89	0.89	9261	
macro avg	0.73	0.67	0.69	9261	
weighted avg	0.87	0.89	0.88	9261	

Report-Location					
	precision	recall	f1-score	support	
Other Classes	0.47	1.00	0.64	4351	
Report-Location	0.35	0.00	0.00	4910	
micro avg	0.47	0.47	0.47	9261	
macro avg	0.41	0.50	0.32	9261	
weighted avg	0.41	0.47	0.30	9261	

Report-EmergingThreats					
	precision	recall	f1-score	support	
Other Classes	0.94	0.94	0.94	8621	
Report-EmergingThreats	0.16	0.15	0.16	640	
micro avg	0.89	0.89	0.89	9261	
macro avg	0.55	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	0.97	0.98	9051	
Report-NewSubEvent	0.08	0.10	0.09	210	
micro avg	0.95	0.95	0.95	9261	
macro avg	0.53	0.54	0.53	9261	
weighted avg	0.96	0.95	0.96	9261	

Report-MultimediaShare					
	precision	recall	f1-score	support	
Other Classes	0.67	0.72	0.69	5719	
Report-MultimediaShare	0.49	0.43	0.46	3542	
micro avg	0.61	0.61	0.61	9261	
macro avg	0.58	0.57	0.58	9261	
weighted avg	0.60	0.61	0.60	9261	

Report-ServiceAvailable					
	precision	recall	f1-score	support	
Other Classes	0.97	0.97	0.97	8916	
Report-ServiceAvailable	0.28	0.29	0.28	345	
micro avg	0.95	0.95	0.95	9261	
macro avg	0.63	0.63	0.63	9261	
weighted avg	0.95	0.95	0.95	9261	

Report-Factoid					
	precision	recall	f1-score	support	

Other Classes	0.78	0.80	0.79	6019
Report-Factoid	0.61	0.57	0.59	3242
micro avg	0.72	0.72	0.72	9261
macro avg	0.69	0.69	0.69	9261
weighted avg	0.72	0.72	0.72	9261

Report-Official	precision	recall	f1-score	support
Other Classes	0.93	0.91	0.92	8486
Report-Official	0.18	0.21	0.19	775
micro avg	0.85	0.85	0.85	9261
macro avg	0.55	0.56	0.56	9261
weighted avg	0.86	0.85	0.86	9261

Report-News	precision	recall	f1-score	support
Other Classes	0.82	0.52	0.63	6421
Report-News	0.40	0.74	0.52	2840
micro avg	0.58	0.58	0.58	9261
macro avg	0.61	0.63	0.58	9261
weighted avg	0.69	0.58	0.60	9261

Report-CleanUp	precision	recall	f1-score	support
Other Classes	0.99	1.00	1.00	9201
Report-CleanUp	0.18	0.15	0.16	60
micro avg	0.99	0.99	0.99	9261
macro avg	0.59	0.57	0.58	9261
weighted avg	0.99	0.99	0.99	9261

Report-Hashtags	precision	recall	f1-score	support
Other Classes	0.77	0.87	0.82	6757
Report-Hashtags	0.48	0.32	0.38	2504
micro avg	0.72	0.72	0.72	9261
macro avg	0.63	0.59	0.60	9261
weighted avg	0.70	0.72	0.70	9261

Report-OriginalEvent	precision	recall	f1-score	support
Other Classes	0.94	0.83	0.88	8321
Report-OriginalEvent	0.25	0.50	0.33	940
micro avg	0.80	0.80	0.80	9261
macro avg	0.59	0.67	0.61	9261
weighted avg	0.87	0.80	0.83	9261

Other-ContextualInformation	precision	recall	f1-score	support
Other Classes	0.97	0.84	0.90	9014
Other-ContextualInformation	0.02	0.13	0.04	247
micro avg	0.82	0.82	0.82	9261
macro avg	0.50	0.49	0.47	9261
weighted avg	0.95	0.82	0.88	9261

Other-Advice	precision	recall	f1-score	support
Other Classes	0.99	0.89	0.94	8946
Other-Advice	0.17	0.64	0.27	315
micro avg	0.88	0.88	0.88	9261
macro avg	0.58	0.76	0.60	9261

weighted avg	0.96	0.88	0.91	9261
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Other-Sentiment

	precision	recall	f1-score	support
Other Classes	0.98	0.65	0.78	8481
Other-Sentiment	0.18	0.84	0.30	780
micro avg	0.66	0.66	0.66	9261
macro avg	0.58	0.74	0.54	9261
weighted avg	0.91	0.66	0.74	9261

Other-Discussion

	precision	recall	f1-score	support
Other Classes	0.96	0.81	0.88	8805
Other-Discussion	0.07	0.26	0.11	456
micro avg	0.79	0.79	0.79	9261
macro avg	0.51	0.54	0.49	9261
weighted avg	0.91	0.79	0.84	9261

Other-Irrelevant

	precision	recall	f1-score	support
Other Classes	0.72	0.86	0.78	6224
Other-Irrelevant	0.51	0.30	0.38	3037
micro avg	0.68	0.68	0.68	9261
macro avg	0.61	0.58	0.58	9261
weighted avg	0.65	0.68	0.65	9261