

UCD_CS_T3_R1

task3

TREC-IS 2020-A Task 3 Notebook Evaluator v2.5
Run: UCD_CS_T3_R1 (UCD_CS_T3_R1.2020A.task3.run)

EVALUATOR: nDCG and Priority
Overall performance

> nDCG: 0.24619355387852382

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.06186030173085739
> Information Type Recall (positive class, multi-type, macro): 0.4082444070365185
> Information Type F1 (positive class, multi-type, macro): 0.09693712272891598
> Information Type Accuracy (overall, multi-type, macro): 0.7995377726419183

EVALUATOR: Information Priority Level
Overall Performance

> Priority Label Prediction (F1, macro): 0.13595396645652252

LATEX

UCD_CS_T3_R1 & 0.2462 & 0.0969 & 0.7995 & 0.1360 \\

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Run: UCD_CS_T3_R1 (UCD_CS_T3_R1.2020A.task3.run)

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

covidDC2020

Information Type Precision (positive class, multi-type, macro): 0.019908126784006604
Information Type Recall (positive class, multi-type, macro): 0.3701959101333198
Information Type F1 (positive class, multi-type, macro): 0.035971034227227534
Information Type Accuracy (overall, multi-type, macro): 0.668708161230594

covidWashingtonState2020

Information Type Precision (positive class, multi-type, macro): 0.09589373432642263
Information Type Recall (positive class, multi-type, macro): 0.38149089151964344
Information Type F1 (positive class, multi-type, macro): 0.13313162320351463
Information Type Accuracy (overall, multi-type, macro): 0.7865543268386869

covidNYC2020

Information Type Precision (positive class, multi-type, macro): 0.05599327621401961
Information Type Recall (positive class, multi-type, macro): 0.3424556568787123
Information Type F1 (positive class, multi-type, macro): 0.08706381767024925
Information Type Accuracy (overall, multi-type, macro): 0.6922691042862716

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Run: UCD_CS_T3_R1 (UCD_CS_T3_R1.2020A.task3.run)

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

Request-GoodsServices				
	precision	recall	f1-score	support
Other Classes	1.00	0.76	0.86	14812
Request-GoodsServices	0.00	0.35	0.00	23
accuracy			0.76	14835
macro avg	0.50	0.55	0.43	14835
weighted avg	1.00	0.76	0.86	14835
Request-InformationWanted				
	precision	recall	f1-score	support
Other Classes	1.00	0.95	0.97	14794
Request-InformationWanted	0.01	0.12	0.01	41
accuracy			0.95	14835
macro avg	0.50	0.54	0.49	14835
weighted avg	0.99	0.95	0.97	14835
CallToAction-Volunteer				
	precision	recall	f1-score	support
Other Classes	1.00	0.80	0.89	14767
CallToAction-Volunteer	0.01	0.59	0.03	68
accuracy			0.80	14835
macro avg	0.51	0.69	0.46	14835
weighted avg	0.99	0.80	0.88	14835
Report-EmergingThreats				
	precision	recall	f1-score	support
Other Classes	0.94	0.82	0.87	13626
Report-EmergingThreats	0.15	0.37	0.21	1209
accuracy			0.78	14835

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macro avg	0.54	0.59	0.54	14835
weighted avg	0.87	0.78	0.82	14835

Report-NewSubEvent

	precision	recall	f1-score	support
Other Classes	0.96	0.88	0.92	14099
Report-NewSubEvent	0.12	0.30	0.17	736
accuracy			0.85	14835
macro avg	0.54	0.59	0.54	14835
weighted avg	0.92	0.85	0.88	14835

Report-ServiceAvailable

	precision	recall	f1-score	support
Other Classes	0.98	0.70	0.81	14210
Report-ServiceAvailable	0.08	0.62	0.15	625
accuracy			0.69	14835
macro avg	0.53	0.66	0.48	14835
weighted avg	0.94	0.69	0.79	14835

Other-Advice

	precision	recall	f1-score	support
Other Classes	0.98	0.78	0.87	14433
Other-Advice	0.06	0.51	0.11	402
accuracy			0.77	14835
macro avg	0.52	0.65	0.49	14835
weighted avg	0.96	0.77	0.85	14835