

sc-rf-030

task3

TREC-IS 2020-A Task 3 Notebook Evaluator v2.5
Run: sc-rf-030 (sc-rf-030.2020A.task3.run)

EVALUATOR: nDCG and Priority
Overall performance

> nDCG: 0.21560748503341723

EVALUATOR: Information Type Categorization
Overall performance

> Information Type Precision (positive class, multi-type, macro): 0.043045302952423696
> Information Type Recall (positive class, multi-type, macro): 0.027191494202412857
> Information Type F1 (positive class, multi-type, macro): 0.028478254303250534
> Information Type Accuracy (overall, multi-type, macro): 0.9642158986951708

EVALUATOR: Information Priority Level
Overall Performance

> Priority Label Prediction (F1, macro): 0.11245606809835075

LATEX

sc-rf-030 & 0.2156 & 0.0285 & 0.9642 & 0.1125 \\

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

covidDC2020

Information Type Precision (positive class, multi-type, macro): 0.0049261083743842365

Information Type Recall (positive class, multi-type, macro): 0.0042643923240938165

Information Type F1 (positive class, multi-type, macro): 0.004571428571428571

Information Type Accuracy (overall, multi-type, macro): 0.8365617433414043

covidWashingtonState2020

Information Type Precision (positive class, multi-type, macro): 0.07606021131856998

Information Type Recall (positive class, multi-type, macro): 0.029096349906393325

Information Type F1 (positive class, multi-type, macro): 0.0377974091639699

Information Type Accuracy (overall, multi-type, macro): 0.9522555731086537

covidNYC2020

Information Type Precision (positive class, multi-type, macro): 0.0556748357640668

Information Type Recall (positive class, multi-type, macro): 0.01611147224382154

Information Type F1 (positive class, multi-type, macro): 0.02328876358880474

Information Type Accuracy (overall, multi-type, macro): 0.8233376065994092

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

Request-GoodsServices

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	14812
Request-GoodsServices	0.00	0.00	0.00	23
accuracy			1.00	14835
macro avg	0.50	0.50	0.50	14835
weighted avg	1.00	1.00	1.00	14835

Request-InformationWanted

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	14794
Request-InformationWanted	0.09	0.12	0.10	41
accuracy			0.99	14835
macro avg	0.54	0.56	0.55	14835
weighted avg	1.00	0.99	0.99	14835

CallToAction-Volunteer

	precision	recall	f1-score	support
Other Classes	1.00	1.00	1.00	14767
CallToAction-Volunteer	0.00	0.00	0.00	68
accuracy			0.99	14835
macro avg	0.50	0.50	0.50	14835
weighted avg	0.99	0.99	0.99	14835

Report-EmergingThreats

	precision	recall	f1-score	support
Other Classes	0.92	0.99	0.95	13626
Report-EmergingThreats	0.06	0.01	0.02	1209
accuracy			0.91	14835

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macro avg	0.49	0.50	0.48	14835
weighted avg	0.85	0.91	0.88	14835

Report-NewSubEvent

	precision	recall	f1-score	support
Other Classes	0.95	0.99	0.97	14099
Report-NewSubEvent	0.00	0.00	0.00	736
accuracy			0.94	14835
macro avg	0.48	0.50	0.49	14835
weighted avg	0.90	0.94	0.92	14835

Report-ServiceAvailable

	precision	recall	f1-score	support
Other Classes	0.96	0.99	0.98	14210
Report-ServiceAvailable	0.06	0.01	0.02	625
accuracy			0.95	14835
macro avg	0.51	0.50	0.50	14835
weighted avg	0.92	0.95	0.93	14835

Other-Advice

	precision	recall	f1-score	support
Other Classes	0.97	0.99	0.98	14433
Other-Advice	0.09	0.05	0.06	402
accuracy			0.96	14835
macro avg	0.53	0.52	0.52	14835
weighted avg	0.95	0.96	0.95	14835