

**sc-rf-032**

**task3**

TREC-IS 2020-A Task 3 Notebook Evaluator v2.5  
Run: sc-rf-032 (sc-rf-032.2020A.task3.run)

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EVALUATOR: nDCG and Priority  
Overall performance  
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> nDCG: 0.21386907057131185

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EVALUATOR: Information Type Categorization  
Overall performance  
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> Information Type Precision (positive class, multi-type, macro): 0.04124488832622223  
> Information Type Recall (positive class, multi-type, macro): 0.025059298040365947  
> Information Type F1 (positive class, multi-type, macro): 0.026224808597303566  
> Information Type Accuracy (overall, multi-type, macro): 0.9645240502672252

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EVALUATOR: Information Priority Level  
Overall Performance  
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> Priority Label Prediction (F1, macro): 0.11017749541411295

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LATEX  
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sc-rf-032 & 0.2139 & 0.0262 & 0.9645 & 0.1102 \\

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Run: sc-rf-032 (sc-rf-032.2020A.task3.run)

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EVALUATOR: Information Type Categorization (Multi-type)

Per Event Performance  
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covidDC2020

Information Type Precision (positive class, multi-type, macro): 0.00468384074941452

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

Information Type F1 (positive class, multi-type, macro): 0.004464285714285714

Information Type Accuracy (overall, multi-type, macro): 0.8367753881213502

covidWashingtonState2020

Information Type Precision (positive class, multi-type, macro): 0.0683721498869124

Information Type Recall (positive class, multi-type, macro): 0.02646303851732157

Information Type F1 (positive class, multi-type, macro): 0.03461764319350625

Information Type Accuracy (overall, multi-type, macro): 0.9523057248175731

covidNYC2020

Information Type Precision (positive class, multi-type, macro): 0.053724389717785426

Information Type Recall (positive class, multi-type, macro): 0.014231772995701242

Information Type F1 (positive class, multi-type, macro): 0.021037868728393215

Information Type Accuracy (overall, multi-type, macro): 0.8240064656373668

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Run: sc-rf-032 (sc-rf-032.2020A.task3.run)

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 EVALUATION: 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	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	0.07	0.01	0.02	1209
accuracy			0.91	14835

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macro avg	0.50	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	0.97	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	0.06	0.03	0.04	402
accuracy			0.96	14835
macro avg	0.52	0.51	0.51	14835
weighted avg	0.95	0.96	0.95	14835