

**njit-sub01.text**

**task3**

TREC-IS 2020-A Task 3 Notebook Evaluator v2.5  
Run: njit-sub01.text (njit-sub01.text.2020A.task3.run)

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EVALUATOR: nDCG and Priority  
Overall performance

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> nDCG: 0.2288750724790776

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EVALUATOR: Information Type Categorization  
Overall performance

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> Information Type Precision (positive class, multi-type, macro): 0.1965597425392919  
> Information Type Recall (positive class, multi-type, macro): 0.1168203258988417  
> Information Type F1 (positive class, multi-type, macro): 0.110578983800553  
> Information Type Accuracy (overall, multi-type, macro): 0.9587750975010835

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EVALUATOR: Information Priority Level  
Overall Performance

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> Priority Label Prediction (F1, macro): 0.27647893647565336

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LATEX

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**task3**

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Run: njit-sub01.text (njit-sub01.text.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): 0.11888095760625787  
Information Type Recall (positive class, multi-type, macro): 0.12699745872591323  
Information Type F1 (positive class, multi-type, macro): 0.08303659512632934  
Information Type Accuracy (overall, multi-type, macro): 0.8198618430423018

covidWashingtonState2020

Information Type Precision (positive class, multi-type, macro): 0.2859794174079888  
Information Type Recall (positive class, multi-type, macro): 0.12821340584799062  
Information Type F1 (positive class, multi-type, macro): 0.13850719062308656  
Information Type Accuracy (overall, multi-type, macro): 0.9494470774091627

covidNYC2020

Information Type Precision (positive class, multi-type, macro): 0.1602346105079309  
Information Type Recall (positive class, multi-type, macro): 0.07667888665763789  
Information Type F1 (positive class, multi-type, macro): 0.09876052595391135  
Information Type Accuracy (overall, multi-type, macro): 0.8243130260297643

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**task3**

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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	0.99	1.00	14794
Request-InformationWanted	0.07	0.15	0.09	41
accuracy			0.99	14835
macro avg	0.53	0.57	0.54	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	0.47	0.21	0.29	68
accuracy			1.00	14835
macro avg	0.73	0.60	0.64	14835
weighted avg	0.99	1.00	0.99	14835

Report-EmergingThreats	precision	recall	f1-score	support
Other Classes	0.92	1.00	0.96	13626
Report-EmergingThreats	0.14	0.01	0.02	1209
accuracy			0.91	14835

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macro avg	0.53	0.50	0.49	14835
weighted avg	0.85	0.91	0.88	14835

## Report-NewSubEvent

	precision	recall	f1-score	support
Other Classes	0.95	1.00	0.97	14099
Report-NewSubEvent	0.39	0.01	0.02	736
accuracy			0.95	14835
macro avg	0.67	0.51	0.50	14835
weighted avg	0.92	0.95	0.93	14835

## Report-ServiceAvailable

	precision	recall	f1-score	support
Other Classes	0.96	0.97	0.96	14210
Report-ServiceAvailable	0.19	0.19	0.19	625
accuracy			0.93	14835
macro avg	0.58	0.58	0.58	14835
weighted avg	0.93	0.93	0.93	14835

## Other-Advice

	precision	recall	f1-score	support
Other Classes	0.98	0.95	0.96	14433
Other-Advice	0.12	0.26	0.17	402
accuracy			0.93	14835
macro avg	0.55	0.60	0.57	14835
weighted avg	0.96	0.93	0.94	14835