31996494 Abstract:

- Virus SARS-CoV-2:

	Tagger result		Gold standard	output	Comment	
*	begin:52	end:72	begin:52	end:72	'2019-new coronavirus'	
*	begin:74	end:83	begin:74	end:83	'2019-nCoV'	
*	begin:345	end:354	begin:345	end:354	'2019-nCoV'	
*	begin:1095	end:1104	begin:1095	5 end:1104	1 '2019-nCoV'	
*	begin:1158	end:1168	begin:1158	3 end:1168	3 '2019- nCoV'	

WARNING: NOTE THAT Disease_COVID-19 IS USED TO TAG '2019-nCoV' IN PMC7003341 ABSTRACT

- Virus_family

Tagger does not support this word class

- chemical antiviral

Gold output does not support this word class

31996494 Title:

- Virus_SARS-CoV-2:

Tagger result Gold standard output Comment begin:31 end:51 begin:31 end:51 '2019-new coronavirus'

* begin:53 end:62 begin:53 end:62 '2019-nCoV'

32013309 Abstract:

- Virus SARS-CoV-2:

Tagger result Gold standard output Comment

N/A begin:0 end:11 Gold standard output tags 'Coronavirus'

which does

not exist in dictionary

- Disease other

Tagger does not support this word class

- Virus_family

Tagger does not support this word class

- Symptom COVID-19:

Tagger result Gold standard output Comment begin:344 'inflammation' end:356 begin:344 end:356 begin:363 end:368 begin:363 end:368 'fever' begin:370 end:375 begin:370 end:375 'cough'

* N/A begin:415 end:445 Gold standard output tags 'dysfunction of

internal

organs' which does not exist in dictionary

* N/A begin:463 end:468 Gold standard output tags 'death' which

does not

exist in dictionary

* begin:1012 end:1024 begin:1012 end:1024 'inflammation'

- Protein

Tagger does not support this word class

32013309 Title:

- Virus family

Tagger does not support this word class

- Sympto	om_COVID-19:					
*	Tagger result	Gold standard output	Comment			
	begin:45 end:5	7 begin:45 end:57	'inflammation'			
PMC6988272						
- Virus_S	SARS-CoV-2:	Gold standard output	Comment			
*	Tagger result begin:2 end:19		'novel coronavirus'			
*	begin:21 end:3	J	'2019-nCoV'			
- Disease	e_COVID-19:					
*	Tagger result N/A	Gold standard output begin:40 end:72	Cold standard output tage 'severe soute			
respiratory	IN/A	begin:40 end:72	Gold standard output tags 'severe acute			
. copato. y		disease'	which does not exist in dictionary			
PMC6988272	: Title:					
	e_COVID-19:					
	Tagger result	Gold standard output	Comment			
*	begin:73 end:10	01 begin:73 end:101	I 'novel coronavirus infections'			
PMC7003341	Abstract:					
- Disease	e_COVID-19:					
*	Tagger result	Gold standard output	Comment			
pneumonia	N/A	begin:20 end:44	Gold standard output tags 'new type viral			
pricamonia		disease'	which does not exist in dictionary			
*	N/A	begin:460 end:488	Gold standard output tags '2019-nCoV			
infected			pneumonia' which does not exist in			
dictionary *	N/A	begin:1062 end:1071	Gold standard output tags '2019-nCoV'			
which does no		50gm. 1002 - 6nd. 107 1	Cold Standard Odiput tags 2010 1100V			
		exist in d	ictionary. NOTE THAT Virus_SARS-CoV-2			
IS BUT NOT		US	ED TO TAG '2019-nCoV' IN 31996494			
BUT NOT		Disease	COVID-19			
*	N/A	begin:1160 end:1188	Gold standard output tags '2019-nCoV			
infected		-	pneumonia' which does not exist in			
dictionary. *		4050	1050 10010 0 1/1 (// //			
	begin:1239 end: SARS-CoV-2:	1259 begin:1239 end:	1259 '2019-nCoV infections'			
- viius_c	Tagger result	Gold standard output	Comment			
*	begin:102 end:1	·				
*	N/A	begin:126 end:135	Gold standard output tags '2019-nCoV'			
with paranthesis						
*	begin:1499 end:	•	gger seems to miss 1508 '2019-nCoV'			
- Disease	•					
_	ger does not support	this word class				
- Sympto	om_COVID-19:	Cold standard sutreet	Comment			
	Tagger result	Gold standard output	Comment			

*	begin:35	end:44	N/A	Tagger tags 'pneumonia' present in dictionary, gold standard output does not.		
*	begin:479	end:488	N/A	Tagger tags 'pneumonia' present in dictionary, gold standard output does not.		
*	begin:1179	end:1188	N/A	Tagger tags 'pneumonia' present in dictionary, gold standard output does not.		
PMC7003341	Title:					
- Diseas	e_COVID-19:					
	Tagger result		Gold standard	output Comment		
*	N/A	be	gin:60 end	I:113 Gold standard output tags '2019 novel		
coronavirus				(2019-nCoV) infected pneumonia'		
which does no				in dictionary		
- Sympto	m_COVID-19:					
*	Tagger result		Gold standard	•		
*	begin:104	end:113	N/A	Tagger tags 'novel coronavirus' present in		
Viena 6	2400 0-1/0			dictionary, gold standard output does not.		
- virus_s	SARS-CoV-2:		Gold standard	output Comment		
	Tagger result		Goid Staridard	output Comment		
*	begin:60	end:82	N/A	Tagger tags '2019 novel coronavirus' as in		
dictionary	bogiioo	0110.02		ragger tage zo re never coronavirae as in		
				but golden output has another longer match in		
				Disease_COVID-19 '2019 novel coronavirus		
(2019-nCoV)	infected pneun	nonia'.		_		
*	begin:84	end:93	N/A	Tagger tags '2019-nCoV' as in dictionary		
				but golden output has another longer match in		
				Disease_COVID-19 '2019 novel coronavirus		
(2019-nCoV)	infected pneun	nonia'.				
PMC7033720						
- Disease_other						
Tagger does not support this word class - Symptom_COVID-19:						
- Sympto	_		Cold standard	autnut Comment		
*	Tagger result begin:43	end:52	Gold standard N/A	output Comment Tagger tags 'pneumonia' present in		
dictionary, go	· ·	enu.sz	IN/A	standard output does not. Gold		
standard outp				standard output does not. Gold		
otanidara odtp				tags it under Disease_othter instead with same span		
*	begin:356	end:361	begin:356	end:361		
*	begin:363	end:368	begin:363	end:368		
- Virus S	SARS-CoV-2:		J			
_	Tagger result		Gold standard	output Comment		
*	begin:640	end:657	begin:640	end:657 'novel coronavirus'		
*	begin:665	end:674	begin:665	end:674 '2019-nCoV'		
*	begin:1068	end:1077	begin:106	8 end:1077 '2019-nCoV'		
*	begin:1488	end:1497	begin:148	8 end:1497 '2019-nCoV'		
- Virus_f	-					
_	ger does not s	upport this v	word class			
- Virus_c	other					

Tagger does not support this word class - Protein Tagger does not support this word class PMC7033720 Title: - Virus SARS-CoV-2: Gold standard output Tagger result Comment N/A begin:37 end:60 Gold standard output tags 'novel human coronavirus' which does not exist in dictionary' - Disease other Tagger does not support this word class - Symptom COVID-19: Tagger result Gold standard output Comment begin:81 end:90 N/A Tagger tags 'pneumonia' present in standard output does not. dictionary, gold Instead it taggs it for dictionary Virus other PMC7054940 Abstract: - Virus family Tagger does not support this word class - Disease other Tagger does not support this word class - Virus family Tagger does not support this word class - Virus other Tagger does not support this word class - Virus SARS-CoV-2: Gold standard output Comment Tagger result N/A begin:375 end:398 Gold standard output tags 'This decade's first CoV' which does not exist in dictionary begin:406 end:415 '2019-nCoV' end:415 begin:406 begin:902 end:911 begin:902 end:911 '2019-nCoV' N/A begin:978 Gold standard output tags 'novel virus' end:989 which does not exist in dictionary N/A begin:1003 end:1007 Gold standard output tags 'nCoV' which does not exist in dictionary N/A begin:1149 end:1154 Gold standard output tags 'virus' which does not exist in dictionary Gold standard output tags 'virus' which N/a begin:1291 end:1296 does not exist in dictionary N/A begin:703 end:708 Gold standard output tags 'virus' which does

not exist in dictionary

- Virus_SARS-CoV-2: Tagger result	PMC7054940) Title:						
* begin:9 end:26 begin:0 end:26 Gold standard output tags 'Emerging novel	- Virus_SARS-CoV-2:							
coronavirus' which does not exist in dictionary. Tagger tags 'novel coronavirus' * begin:28 end:37 begin:28 end:37 '2019-nCoV' PMC7077245 Abstract: - Virus_other Tagger does not support this word class - Virus_SARS-CoV-2: Tagger result Gold standard output Comment * N/A begin:255 end:296 Gold standard output tags 'most recent emergent ### Segin:19 end:26 begin:19 end:36 'novel coronavirus' # begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2: Tagger result Gold standard output Comment # begin:14 end:25 begin:14 end:25 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2: Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result Gold standard output Comment # begin:787 end:792 begin:787 end:792 'fever'		Tagger resul	t	Gold standar	d output	Comment		
coronavirus' which does not exist in dictionary. Tagger tags 'novel coronavirus' * begin:28 end:37 begin:28 end:37 '2019-nCoV' PMC7077245 Abstract: - Virus_other Tagger does not support this word class - Virus_SARS-CoV-2: Tagger result	*	begin:9	end:26	begin:0	end:26	Gold standard output tags 'Emerging		
Tagger tags 'novel coronavirus' * begin:28 end:37 begin:28 end:37 '2019-nCoV' PMC7077245 Abstract: - Virus_other	novel							
* begin:28 end:37 begin:28 end:37 '2019-nCoV' PMC7077245 Abstract: - Virus_other Tagger does not support this word class - Virus_SARS-CoV-2:	coronavirus' which does not exist in dictionar							
PMC7077245 Abstract: - Virus_other Tagger does not support this word class - Virus_SARS-CoV-2: Tagger result * N/A * begin:255 * end:296 Gold standard output tags 'most recent emergent * begin:19 * begin:19 * begin:19 * begin:38 * end:47 * begin:38 * end:47 * begin:38 * end:47 * begin:14 * end:25 * '2019-nCoV' PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result * begin:787 Gold standard output Comment Com								
- Virus_other Tagger does not support this word class - Virus_SARS-CoV-2: Tagger result	*	begin:28	end:37	begin:28	end:37	'2019-nCoV'		
- Virus_other Tagger does not support this word class - Virus_SARS-CoV-2: Tagger result								
- Virus_other Tagger does not support this word class - Virus_SARS-CoV-2: Tagger result								
Tagger does not support this word class - Virus_SARS-CoV-2:								
- Virus_SARS-CoV-2: Tagger result	_							
Tagger result Gold standard output Comment * N/A begin:255 end:296 Gold standard output tags 'most recent emergent # begin:19 end:26 begin:19 end:36 'novel coronavirus' begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2:			support this	s word class				
* N/A begin:255 end:296 Gold standard output tags 'most recent emergent group 2B coronavirus' which does not exist in dictionary * begin:19 end:26 begin:19 end:36 'novel coronavirus' * begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2: Tagger result Gold standard output Comment * begin:14 end:25 begin:14 end:25 '2019-nCoV' - Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'	- virus_		4	Cold standar	d output	Comment		
emergent group 2B coronavirus' which does not exist in dictionary * begin:19 end:26 begin:19 end:36 'novel coronavirus' * begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2: Tagger result Gold standard output Comment * begin:14 end:25 begin:14 end:25 '2019-nCoV' - Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'	*				•			
group 2B coronavirus' which does not exist in dictionary * begin:19 end:26 begin:19 end:36 'novel coronavirus' * begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2: Tagger result Gold standard output Comment * begin:14 end:25 begin:14 end:25 '2019-nCoV' - Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'		N/A	D	egin:255 ei	10:296	sold standard output tags most recent		
* begin:19 end:26 begin:19 end:36 'novel coronavirus' * begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2: Tagger result Gold standard output Comment * begin:14 end:25 begin:14 end:25 '2019-nCoV' - Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'	emergeni				group 2B co	oronavirus' which does not oviet in		
* begin:19 end:26 begin:19 end:36 'novel coronavirus' * begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2:						ordinavirus writeri does not exist in		
* begin:38 end:47 begin:38 end:47 '2019-nCoV' PMC7077245 Title: - Virus_SARS-CoV-2:	*	hogin:10	ond:26	hogin:10	•	'novol coronavirus'		
PMC7077245 Title: - Virus_SARS-CoV-2:	*	•		•				
- Virus_SARS-CoV-2:		begin.50	GIIG. T 1	begiii.50	ciid. 4 7	2013-11007		
- Virus_SARS-CoV-2:	PMC707724	5 Title:						
Tagger result Gold standard output Comment * begin:14 end:25 begin:14 end:25 '2019-nCoV' - Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'								
* begin:14 end:25 begin:14 end:25 '2019-nCoV' - Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result	vuo_		t	Gold standar	d output	Comment		
- Virus_family Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result * Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'	*				•			
Tagger does not support this word class PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result * begin:787 end:792 begin:787 end:792 'fever'	- Virus	· ·	0.1.0.1_0	20g				
PMC7094943 Abstract: - Disease_other Tagger does not support this word class - Symptom_COVID-19: Tagger result	_	•	support this	word class				
 - Disease_other	·	33						
Tagger does not support this word class - Symptom_COVID-19:	PMC7094943	3 Abstract:						
- Symptom_COVID-19: Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'	- Diseas	e_other						
Tagger result Gold standard output Comment * begin:787 end:792 begin:787 end:792 'fever'	Tag	gger does not s	support this	word class				
* begin:787 end:792 begin:787 end:792 'fever'	- Sympt	om_COVID-19	:					
begin.707 end.732 begin.707 end.732 level		Tagger resul	t	Gold standar	d output	Comment		
* begin:794 end:803 begin:794 end:803 'dizziness'	*	begin:787	end:792	begin:787	end:792	'fever'		
	*	begin:794	end:803	begin:794	end:803	'dizziness'		
* begin:810 end:815 begin:810 end:815 'cough'	*	begin:810	end:815	begin:810	end:815	'cough'		
- Virus_SARS-CoV-2:	- Virus_	SARS-CoV-2:						
		Tagger resul	t	Gold standar	d output	Comment		
Tagger result Gold standard output Comment	*	N/A	b	egin:996 eı	nd:1020 (Gold standard output tags 'WH-Human 1'		
·	which							
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1'					does not ex	kist in dictionary		
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary	*	begin:1056		J				
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary * begin:1056 end:1065 begin:1056 end:1065 '2019-nCoV'	*	N/A	b	egin:1159 e	end:1164	Gold standard output tags 'virus' which		
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary * begin:1056 end:1065 begin:1056 end:1065 '2019-nCoV' * N/A begin:1159 end:1164 Gold standard output tags 'virus' which	does							
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary * begin:1056 end:1065 begin:1056 end:1065 '2019-nCoV' * N/A begin:1159 end:1164 Gold standard output tags 'virus' which does					not exist in	dictionary		
	_ \/irue	•	5114.010	bogiii.o io	3114.010	oodgii		
-	_		t	Gold standar	d output	Comment		
		l agger resul	t	Gold standar	d output	Comment		
Tagger result Gold standard output Comment	*			egin:996 ei	nd:1020 (Gold standard output tags 'WH-Human 1'		
·	which			<u> </u>		. 5		
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1'					does not ex	kist in dictionary		
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary		_		J				
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary * begin:1056 end:1065 begin:1056 end:1065 '2019-nCoV'	doo-	1 V / / - V	D	ogiii. 1100 G	711a. i 10 -1	Con standard output tags virus willon		
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary * begin:1056 end:1065 begin:1056 end:1065 '2019-nCoV' * N/A begin:1159 end:1164 Gold standard output tags 'virus' which	uoes				ma4 ===!=4!	distingen		
* N/A begin:996 end:1020 Gold standard output tags 'WH-Human 1' which does not exist in dictionary * begin:1056 end:1065 begin:1056 end:1065 '2019-nCoV' * N/A begin:1159 end:1164 Gold standard output tags 'virus' which does					not exist in	dictionary		

- Virus_family

Tagger does not support this word class

PMC7094943 Title:

- Virus SARS-CoV-2:

Tagger result Gold standard output Comment

* begin:2 end:17 begin:2 end:17 'new coronavirus'

- Disease_other

Tagger does not support this word class

PMC7110798 Abstract:

- Disease COVID-19:

Tagger result Gold standard output Comment

* N/A begin:38 end:77 Gold standard output tags 'novel

coronavirus

(2019-nCoV) pneumonia' which does not exist

in dictionary

- Virus SARS-CoV-2:

Tagger result Gold standard output Comment

begin:38 end:55 N/A Due to priority rule longest match between

* begin:57 end:60 N/A Disease_COVID-19 and

Virus_SARS-CoV-2

the words aren't tagged, but since the word is missing in the dictionary the tagger tags the shorter words in Virus_SARS-CoV-2

dictionary.

begin:267 end:276 begin:257 end:276 '2019-nCoV' begin:427 end:436 begin:427 end:436 '2019-nCoV' begin:1105 end:1114 begin:1105 end:1114 '2019-nCoV' begin:1216 '2019-nCoV' end:1225 begin:1216 end:1225

- Disease other

Tagger does not support this word class

PMC7110798 Title:

- Virus SARS-CoV-2:

	Tagger result		Gold standar	d output	Comment	
*	begin:59	end:76	begin:59	end:76	'novel coronavirus'	
*	beain:78	end:87	beain:78	end:87	'2019-nCoV'	

PMC7159299 Abstract:

- Symptom_COVID-19:

	Tagger result		Gold standard	Comment	
*	begin:32	end:41	begin:32	end:41	'pneumonia'
*	begin:1481	end:1486	begin:1481	l end:1486	6 'fever'
*	begin:1514	end:1519	begin:1514	end:1519	9 'cough'
*	begin:1536	end:1543	begin:1536	end:1543	3 'myalgia'
*	begin:1547	end:1554	begin:1547	7 end:1554	1 'fatigue'
*	begin:1593	end:1610	begin:1593	end:1610) 'sputum'
*	begin:1629	end:1637	begin:1629	end:1637	7 'headache'

* N/A begin:1658 end:1669 Gold standard output tags 'haemoptysis'

which does

not exist in dictionary

* N/A begin:1692 end:1701 Gold standard output tags 'diarrhoea'

which does							
	not exist in dictionary						
*	N/A	begin:172	20 end:17	728 Gold	d standard output tags 'Dyspnoea'		
which does			not	oviet in dicti	opany		
*	N/A	begin:180		exist in dicti	d standard output tags 'dyspnoea'		
which does	14// (20g 100	, ona. i	3 00	a clamada calpat lago ayophicoa		
			not	exist in dicti	onary		
*	N/A	begin:186	64 end:18	875 Gold	d standard output tags 'lymphopenia'		
which does			,				
*	begin:1897	end:1906 be	not egin:1897	exist in dicti end:1906	onary 'pneumonia'		
*	begin:1972		egin: 1057	end:2001	Gold standard output tags 'acute		
respiratory			.g		con connact compartage acuse		
			dis	tress syndro	me which does not exist in		
				, ,	ger tags 'respiratory distress'		
*	N/A	begin:201	4 end:20	022 Gold	d standard output tags 'RNAaemia'		
which does			not	exist in dicti	onary		
*	N/A	begin:203			d standard output tags 'acute cardiac		
injury'	,						
			wh	ich does not	exist in dictionary		
- Diseas	_						
	_	upport this word cl	ass				
- Protein Tad		upport this word cl	222				
`	e COVID		455				
	_	upport this word cl	ass				
- Virus_o	other						
Tagger does not support this word class - Virus_SARS-CoV-2:							
- Virus_S		Gold s	tandard out	nut C	omment		
*	Tagger result N/A	begin:81	tandard out end:10		standard output tags 'novel		
betacoronavii		20giii.0 i	0110.102	2014 (standard output tago novo.		
			wh	ich does not	exist in dictionary		
*	begin:108	_	•	end:130	'2019 novel coronavirus'		
*	begin:132	_	•	end:141	'2019-nCoV'		
	begin:322 e_COVID-19:	end:331 beg	gin:322 6	end:331	'2019-nCoV'		
- Diseas	Tagger result	Gold s	tandard out	nut C	omment		
*	begin:464			end:483	'2019-nCoV infection'		
*	begin:1071	end:1090 be	egin:1071	end:1090	'2019-nCoV infection'		
*	begin:2314	end:2333 N/	'A	'201	9-nCoV infection'		
DM07450000 TW							
PMC7159299 Title: - Virus SARS-CoV-2:							
- viius_v	Tagger result	Gold s	tandard out	put C	omment		
*	• •	end:66 begin		-	019 novel coronavirus'		
		•					