



# Wider and Enhanced Verification for You

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**META-FORUM**  
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# Tools to Address Key Challenges

- Inauthentic or misleading information around **elections**
- **Public health** mis- and disinformation, including **COVID-19**
- Propaganda and disinformation **by state actors**
- **Cross-platform analysis**
- Support for **content archiving and retrieval**



# WeVerify Technology in ELG



## GATE: COVID-19 vaccine text categoriser

covid19-vaccine

Version: 1.0.0

ELG-compatible service (service running on the provider's side)

ToolService

Overview

Download/Run

Try out

Code samples

A machine learning classifier trained to categorise COVID-19 vaccine text into 6 categories.

### Keyword

Text categorisation Covid-19  
misinformation  
Information extraction

### Intended application

Text categorization  
Information Extraction

### Export

XML

### All versions

GATE: COVID-19 vaccine text categoriser  
(1.0.0)

### Input content resource

Language  
English

Processing resource type  
file

### Function

Function  
Text categorization  
Topic Detection

Language dependent  
true

### Output resource

Language  
English

Processing resource type  
file

Data format

### Resource provider

GATE Team, University of Sheffield  
 Website

### Additional information

Landing page



WeVerify project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 825297

<https://twitter.com/WeVerify>

# WeVerify Technology in ELG (2)



## GATE: COVID-19 claim categoriser

covid19-misinfo

Version: 1.0.0

ELG-compatible service (service running on the provider's side)

ToolService

Overview

Download/Run

Try out

Code samples

A machine learning classifier trained to categorise claims about COVID-19 into 10 categories proposed by the Reuters Institute for the Study of Journalism.

### Keyword

Text categorisation Covid-19  
misinformation  
Information extraction

### Intended application

Text categorization  
Information Extraction

### Export

XML

### All versions

GATE: COVID-19 claim categoriser  
(1.0.0)



### Input content resource

Language  
English

Processing resource type  
file



### Function

Function  
Text categorization  
Topic Detection

Language dependent  
true



### Output resource

Language  
English

Processing resource type  
file

### Resource provider

GATE Team, University of Sheffield  
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### Additional information

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# COVID-19 Misinformation Claim Categoriser



Labeling | [Annotation Guidelines](#)

**Claim:** An “open letter” purportedly written by US billionaire and philanthropist Bill Gates about the novel coronavirus pandemic has been shared in English and Chinese on Facebook, Twitter and various websites. The Chinese-language posts state the letter was translated from its original publication in British newspaper The Sun.

**Explanation:** But the letter is fake; Gates’ philanthropic organisation, the Bill & Melinda Gates Foundation, clarified on Weibo that the letter presents “false information” and urged netizens to stop sharing it. The Sun has reportedly removed the letter from its website.

<https://factcheck.afp.com/gates-foundation-urges-netizens-stop-sharing-fake-bill-gates-coronavirus-letter>

Choose one of the following (required):

- ☐ Public authority<sup>[1]</sup>
- ☐ Community spread and impact<sup>[2]</sup>
- ☐ Medical advice, self-treatments, and virus characteristics<sup>[3]</sup>
- ☐ Prominent actors<sup>[4]</sup>
- ☐ Conspiracies<sup>[5]</sup>
- ☐ Virus transmission<sup>[6]</sup>
- ☐ Virus origins<sup>[7]</sup>
- ☐ Public preparedness<sup>[8]</sup>
- ☐ Vaccines and medical treatments<sup>[9]</sup>
- ☐ Protest and civil disobedience<sup>[10]</sup>
- ☐ Social alarm and divisions<sup>[11]</sup>
- ☐ None of the above / Cannot determine<sup>[12]</sup>

Confidence (required):

☐ 0 ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9

Optional Remarks (optional, press enter to add remark)

Further details:

<https://arxiv.org/abs/2006.03354>

<https://twitter.com/WeVerify>



# Exploration and visualisation of COVID-19 misinfo



Conspiracies ▾				2020
Fact checked claim **	Factchecker **	Topic **	Engagement †	
→ The coronavirus “snuck up on us,” adding that it is “a very unforeseen thing.”	PolitiFact	Conspiracies	32,312	
→ The Covid-19 was invented in 2004, as shown in a patent filed by the Institute Pasteur	20 Minutes	Conspiracies	30,960	
→ This is a phishing scam.	Fullfact.org	Conspiracies	25,771	
→ Trump’s claims about how quickly WHO acted to announce human-to-human transmission	Washington Post Fact-Checker	Conspiracies	19,546	
→ American scientist Judy Mykowitz exposes facts about the US administration regarding coronavirus and accuses the US military of fabricating it in conjunction with the Wuhan Chinese laboratory.	Misbar	Conspiracies	18,682	
→ Claim that the coronavirus was created and patented in a French institute (Institut Pasteur).	AFP	Conspiracies	16,679	
→ South Korean government secretly requested for certain factory to produce one million facial masks to be sent to North Korea.	JTBC news	Conspiracies	12,517	
→ “The ‘biological’ lab in Wuhan where the COVID-19 virus was created was ‘funded’ by President Barak Hussein Obama in 2015 to the tune of \$3,800,000 American dollars.	FactCheck.org	Conspiracies	12,389	
→ “There was no real scientific basis for believing that” social distancing would be necessary, “since it had never been studied.”	PolitiFact	Conspiracies	12,332	
→ Riots in the American streets, after the collapse of the American economy due to the Covid-19 pandemic.	Misbar	Conspiracies	12,192	

Joint work with First Draft:

<https://datadeficits.firstdraftnews.org/>

<https://firstdraftnews.org/long-form-article/data-deficits>


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# Is Misinformation Believed? The Conversations Around It

 **Twitter Conversation**



It explores and analyzes the replies of a tweet classifying them, offering statistics and tools to filter the tweet responses.

**Tweet to analyse**


What is the URL of the Tweet you want to start exploring from?



**ANALYSE TWEET**

**Tweet**

 **Emmanuel Macron**  @EmmanuelMacron  
Officiel du gouvernement - France

Our house is burning. Literally. The Amazon rain forest - the lungs which produces 20% of our planet's oxygen - is on fire. It is an international crisis. Members of the G7 Summit, let's discuss this emergency first order in two days! [#ActForTheAmazon](#)



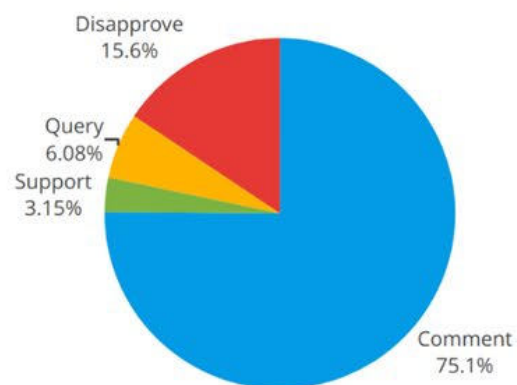
**Emmanuel Macron**   
@EmmanuelMacron

723 Following 7.32M Followers

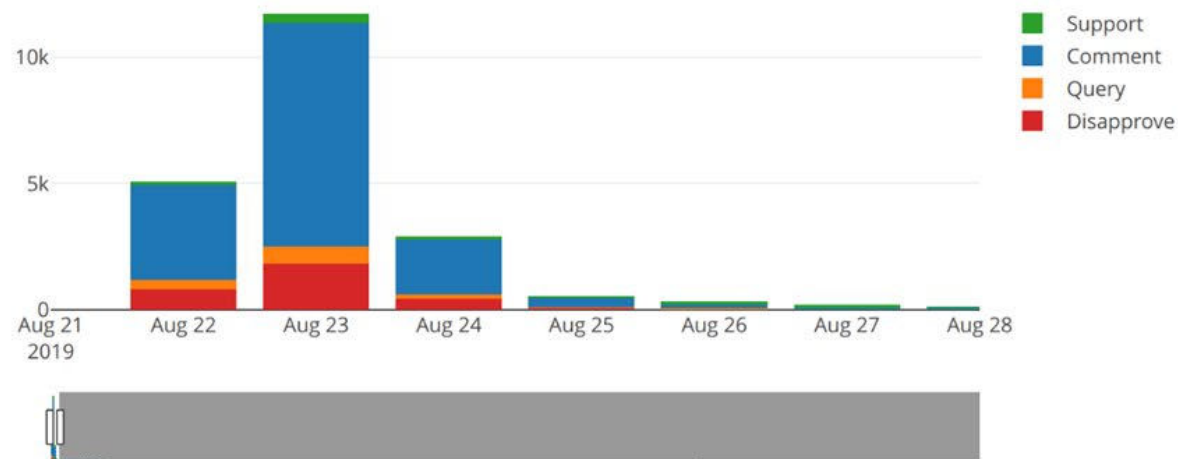
# Is Misinformation Believed? The Conversations Around It (2)

## Statistics

① Distribution by categories



① Distribution over time



# Is Misinformation Believed? The Conversations Around It (3)

Responses

Filter by

CATEGORIES

☐ Comment

☐ Query

☐ Support

☒ Disapprove

CONTAINS

☐ Hashtag

☐ User mention

☐ URL or media

REPLY STATISTICS

Known Replies

20.96K

Processed Replies

20.96K (100%)

Filtered Replies

3.28K (15%)

3,278 Tweets

Disapprove

ANALYSE TWEET

alexandre f. sá

@alecsfusa

Replying to @EmmanuelMacron

First: it is our house. Not yours. Second: do take care of French forests that rests. Third: Nasa says Burning in Amazon this year is below the average in the last ten years. Stop lying, Macron

8:27 PM · Aug 22, 2019

Copy link to Tweet

Tweet your reply

Disapprove

ANALYSE TWEET

@! Sherazi

@Elisherazi

Replying to @EmmanuelMacron

This fire in the woods of amazon did not affect you directly by the date today. Yet you are feeling troublesome. Just keep in mind the houses of Kashmiris your allies had put on fire for last 70 years..vet you had

Hashtags

#prayforamazonia

#amazoniasemong

#amazoniaenossa

#amazoniasemfake

#amazon

#fakenewsamazonia

#brasil

#macronfakenews

#amazoniasemongs

#fakenews

#actfortheamazon

#macronliar

#amazonrainforest

#macronidiot

#g7

#prayforamazonas

#amazoniaedobrasil


#macronlies

#amazoniaedobrasil

#amazonfires

#somostodosricardosalles

#amazonia



# Is Misinformation Believed? The Conversations Around It (4)

## URLs

The ten most frequently occurring URLs within the selected replies:

### URL

[https://docs.google.com/document/d/e/2PACX-1vRv79kPHZ77II-jD\\_flCHcQgAkl2PZ7MxoqHPIWYkUayvuf1yfGaVwiZeV1\\_5--bt5ICLBrJv82YJF\\_/pub](https://docs.google.com/document/d/e/2PACX-1vRv79kPHZ77II-jD_flCHcQgAkl2PZ7MxoqHPIWYkUayvuf1yfGaVwiZeV1_5--bt5ICLBrJv82YJF_/pub)

<https://www.alamy.com/stock-photo-amazon-rain-forest-afire-30695050.html>

<http://yurileveratto2.blogspot.com/2013/08/>

[https://ambientes.ambientebrasil.com.br/amazonia/floresta\\_amazonica/a\\_amazonia\\_nao\\_e\\_o\\_pulmao\\_do\\_mundo.h](https://ambientes.ambientebrasil.com.br/amazonia/floresta_amazonica/a_amazonia_nao_e_o_pulmao_do_mundo.h)

<https://apoliticadefato.com/fotos-fora-de-contexto-sao-usadas-em-campanha-pela-amazonia/?fbclid=IwAR3YdFrQLrCad6aQNYPKSA07oNIJYSnY50L-EgaLxJEGjrrC5JfPMrv8qos>

<https://earthobservatory.nasa.gov/images/145464/fires-in-brazil>

<https://globalnews.ca/news/5801530/canada-climate-change-plan-g7/>

<https://jovempan.com.br/noticias/brasil/queimadas-na-amazonia-estao-na-media-dos-ultimos-15-anos-diz-nasa.htm>  
amp

<https://noticias.uol.com.br/ultimas-noticias/efe/2015/03/11/polinesia-francesa-exige-compensacoes-de-paris-por-testes-nucleares.htm>

<https://queimadas.dgi.inpe.br/queimadas/aq1km/>

## Users

The ten most active users within the selected replies:

### Screen Name

### Tweets

[Marcelajdg](#) 7 (0.21%)

[clara\\_stelling](#) 4 (0.12%)

[edululu](#) 4 (0.12%)

[leonei82517811](#) 4 (0.12%)

[nlimoeiro](#) 4 (0.12%)

[19\\_maverick](#) 3 (0.09%)

[BRUTO1991](#) 3 (0.09%)

[Belcg](#) 3 (0.09%)

[Beliza43623416](#) 3 (0.09%)

[DelmiraMathias](#) 3 (0.09%)

# Optical Character Recognition (OCR in images)

**InVID**

TOOLS ASSISTANT TUTORIAL DEMO CLASSROOM ABOUT

English

>

Image Analysed



Complete Text

n4 ইসকন ইসকনে নৃশংস হত্যার বিচার চাই হামলা বিচার চাই কেন প্রশাসন জবাব চাই ইসকন ভক্ত নৃশংস হত্যার বিচার চাই বিচার চাই

COPY TO CLIPBOARD TRANSLATE

Blocks



ইসকন ইসকনে নৃশংস হত্যার বিচার চাই  
হামলা বিচার চাই কেন প্রশাসন জবাব চাই

Bengali



ইসকন ভক্ত  
নৃশংস হত্যার  
বিচার চাই  
বিচার চাই

Bengali

# Any question ?



[www.weverify.eu](http://www.weverify.eu)

[@WeVerify](#)

[@kbontcheva](#)

## Thank you for your attention!

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