



BENEDMO final webinar

This project has received funding from the
European Union under Grant Agreement number
INEA/CEF/ICT/A2020/2381738





BENEDMO

Introduction

*Johan Oomen, head of research & Heritage
at Sound & vision*



BENEDMO

EDMO Network

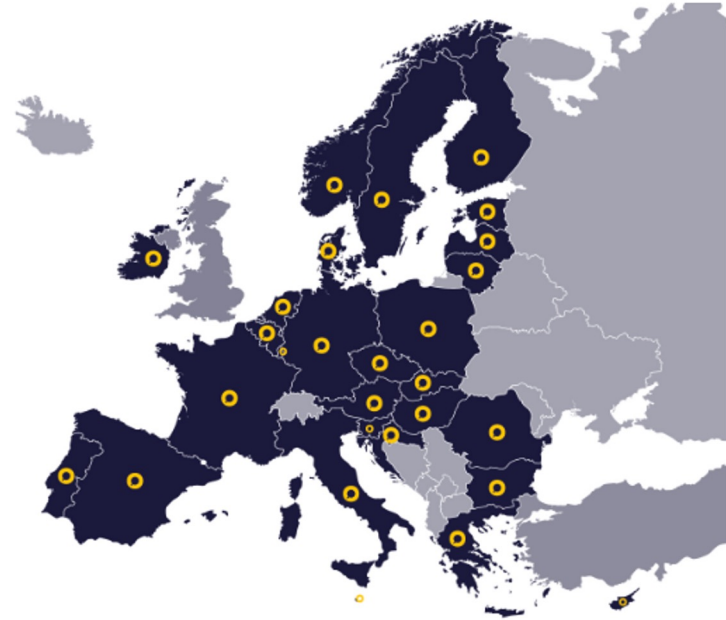
EDMO EU

(Management team, Executive Board & Advisory Board)

14 regional hubs

(all 27 Member States and Norway)

4 action lines





BENEDMO

1. Media literacy

- Mapping the landscape
- Promoting knowledge exchange
- Standards and best practices

2. Fact-checking

- Monthly fact-checking briefs
- Cooperative investigations
- Platform supporting the detection and analysis of disinformation campaigns.



Tag

All



Publication year

Select year



Search



Clear All

News



Draft Checklist Media Literacy Standards and Best Practices

Submit your feedback by 17 April

March 8, 2024

Publication of Media Literacy Standards and Best Practices draft checklist: seeking feedback

EDMO's Working Group on Media Literacy Standards and Best Practices is delighted to share its draft checklist on media literacy standards and best practices, and to invite..

[READ MORE](#)

News



February 29, 2024

Call for literature: Evaluation of media literacy initiatives in Europe by Ecorys

Ecorys has been appointed by the European Commission (DG CNECT) to carry out an Evaluation of Media Literacy initiatives in Europe.

[READ MORE](#)

News



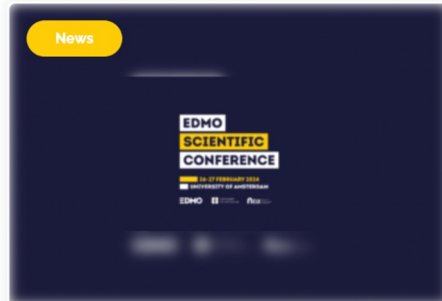
February 19, 2024

EDMO Training Series on Election Integrity

EDMO Training Series on Election Integrity Online, 11 March and 18 March 2024 Ahead of the European Parliament elections....

[READ MORE](#)

News



February 19, 2024

EDMO Scientific Conference in Amsterdam

Taking place on 26-27 February 2024, the EDMO Scientific Conference on Disinformation is an interdisciplinary gathering of minds interested in unraveling..

[READ MORE](#)

News

News

News

News





Report type

Select report type



Report source

Select report source



Publication year

Select year



Search



Clear All

Reports



Publication year: 2024

D.4.b Report on the Status of Academic Research on Disinformation in the EU

Type: Findings report
Source: EDMO

[VIEW](#) [DOWNLOAD](#) [SHARE THIS](#)

Reports



Publication year: 2024

Structural Indicators of the Code of Practice on Disinformation: The 2nd EDMO report

Type: Policy report
Source: EDMO

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Reports



Publication year: 2024

Russian state actors on Facebook and foreign information manipulation and interference in...

Type: Findings report
Source: ADMO

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Reports



Publication year: 2024

Conceptual and methodological approaches in societal resilience research

Type: Findings report
Source: BECID

[VIEW](#) [DOWNLOAD](#) [SHARE THIS](#)



3. *Research*

- Repository of relevant scientific articles
- Database with open-source investigations of civil society organisations and researchers
- Access to data (Very Large Online Platforms)
- Services for academic research activities

4. *Fact-checking*

- Monitoring and assessment of national and EU-level policies
- Structural indicators that measure the impact of the code of practice on disinformation



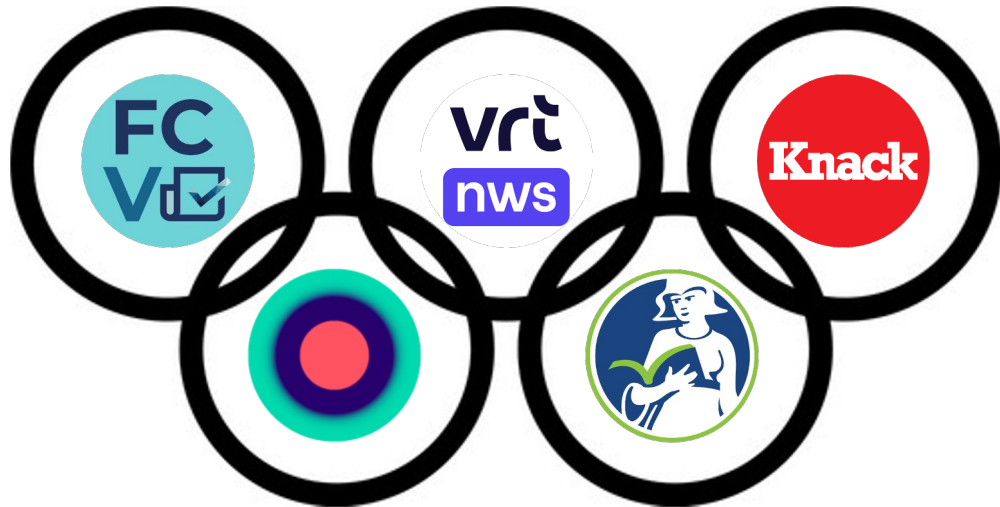
BENEDMO

3 years of factchecking in 10 minutes
Ferre Wouters, KU Leuven

Benedmo *fact-check* work

1,250

Fact-checks in 30 months



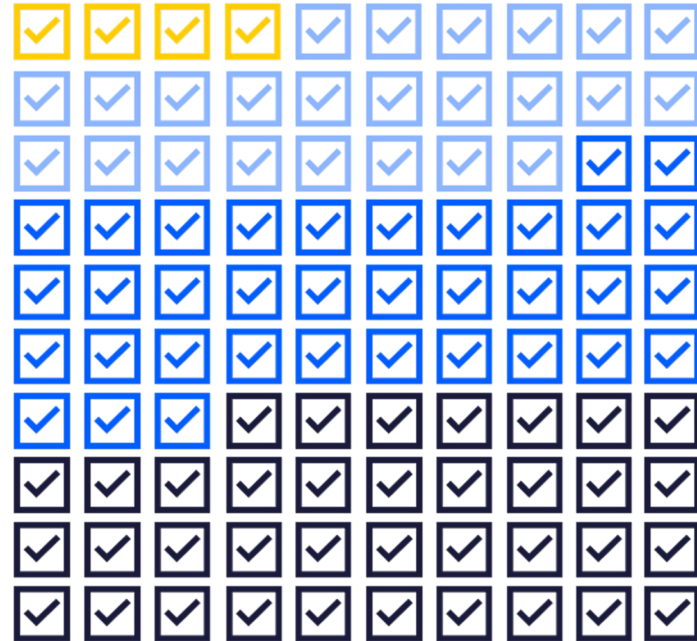


BENEDMO

Formats of checked content

1,250

Fact-checks in 30 months



- Audio
- Image
- Video
- Text



Formats of checked content



CHECK- Beware of fake images circulating about earthquakes in Turkey and Syria

Died Suddenly @diedsuddenly

TurboCancer: New Study proves Pfizer mRNA induced turbo cancer

In a new Belgian study by Sander Eens et al. they injected 14 m Pfizer COVID-19 mRNA vaccines.

2 days after 2nd Pfizer dose, 1/14 mice (7%) died suddenly, had cancer with lymphoma infiltration of many organs: liver, kidney lungs & intestines.

The turbo cancer mouse had shown no clinical signs of illness sudden death.

This is the 2nd study to show turbo cancer after Pfizer mRNA vaccination.


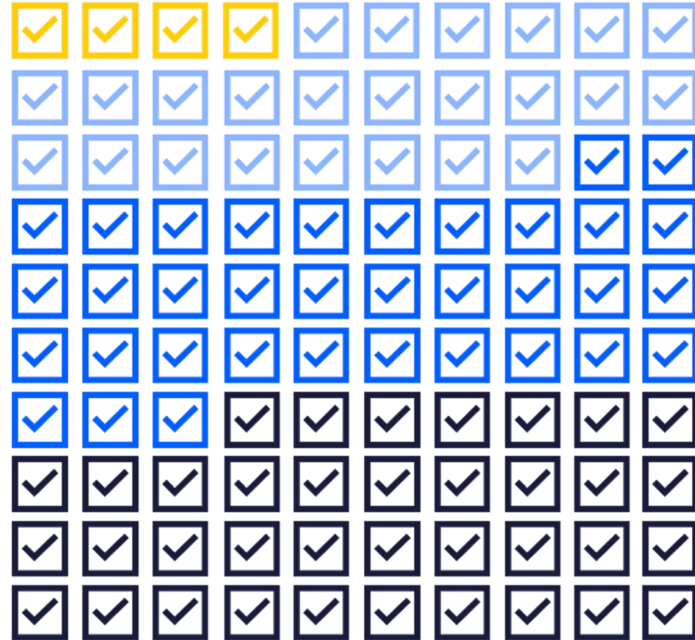
These were the types of studies that Pfizer & Moderna should performed on mice but never did.

Key point: This 14 mouse study was larger than the study done approve COVID-19 Omicron bivalent mRNA booster shots whit given to 100s of millions of people – that study only had 8 mice

ncbi.nlm.nih.gov/pmc/articles/PMC8511111/

DagelijkseVerhalen

Breaking: Electric cars will soon be banned due to power shortage

- Audio
- Image
- Video
- Text

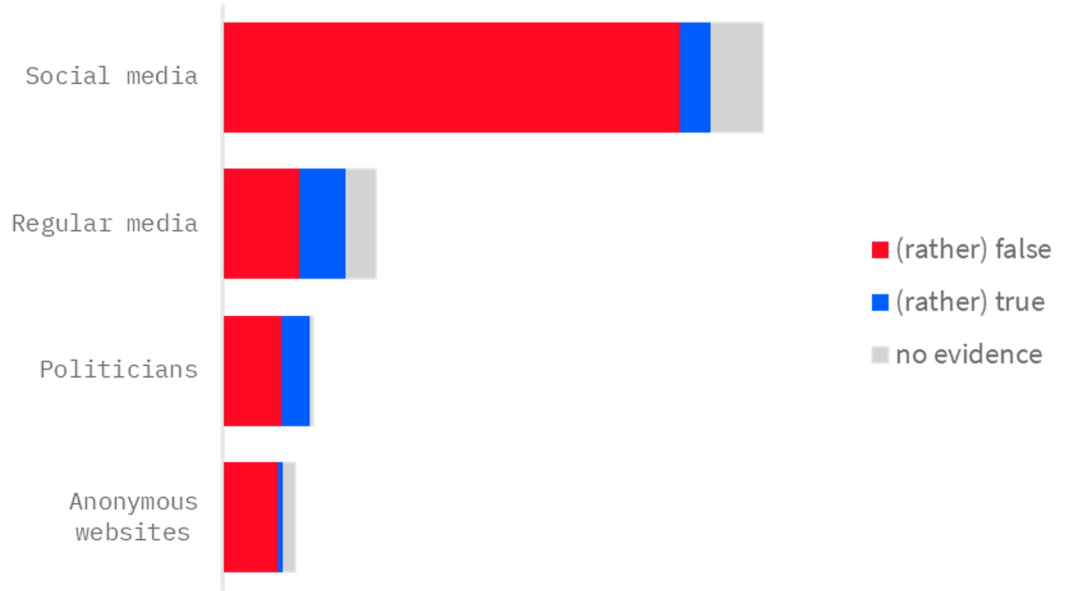


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Sources and *judgements*

61%

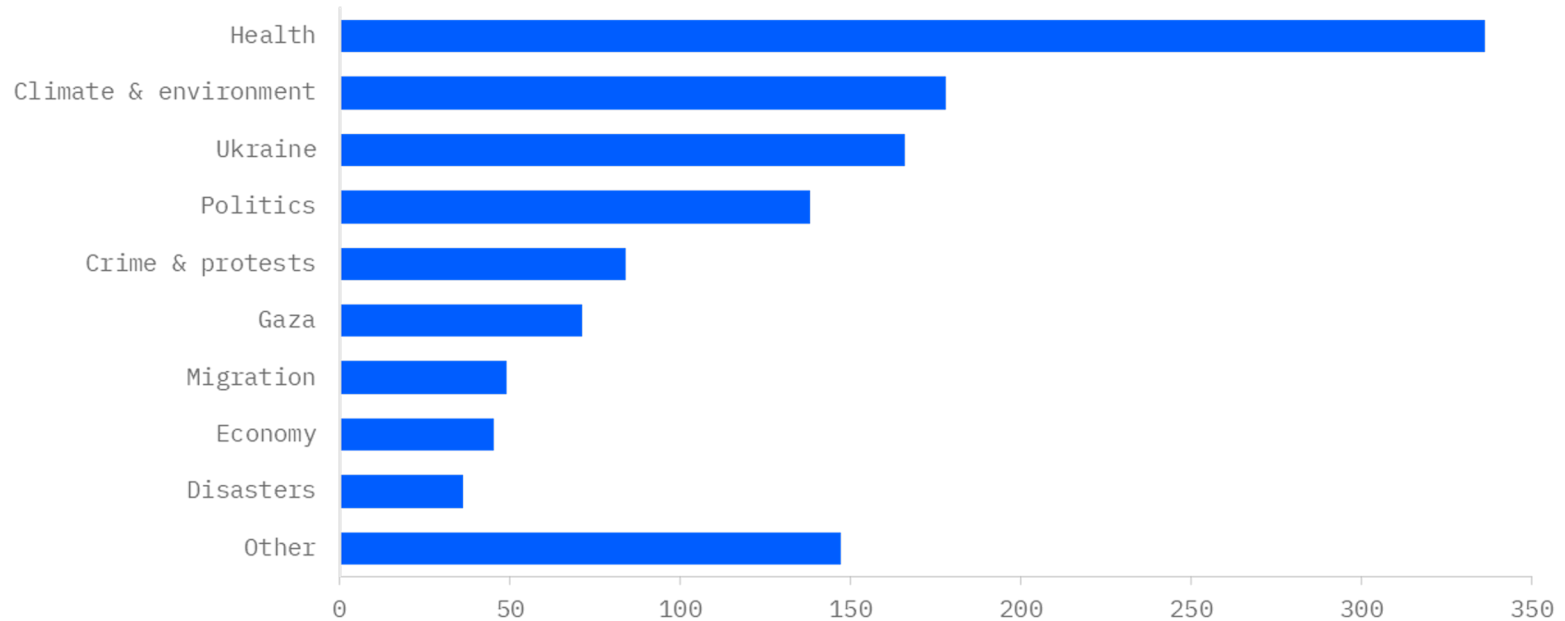
of claims come from
social media





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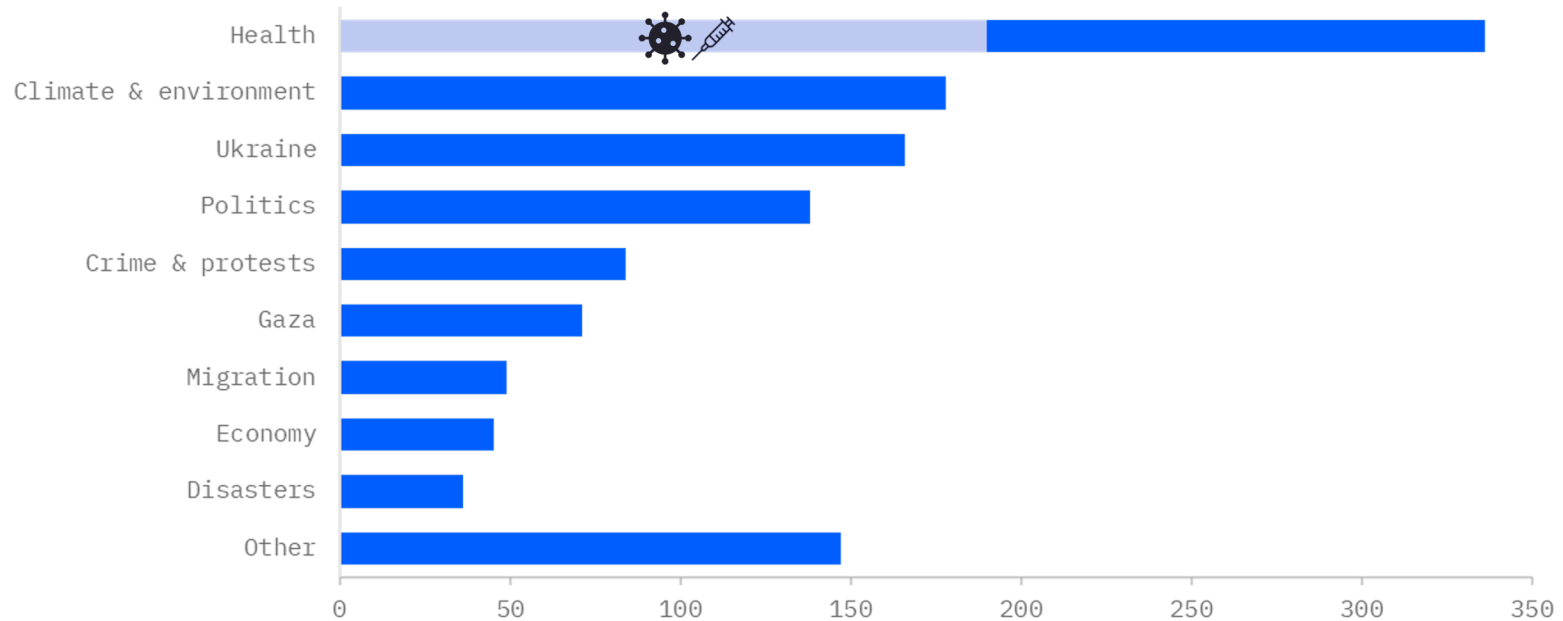
Fact-check topics





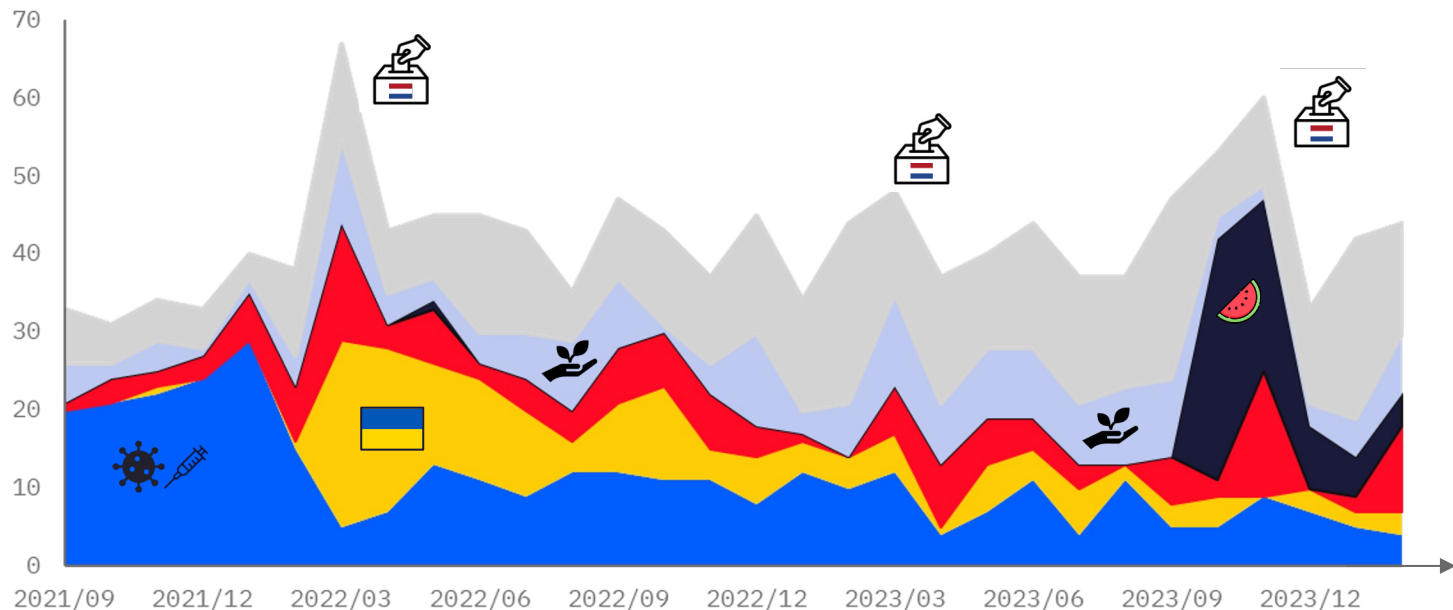
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Fact-check topics





Fact-check *topics* per month

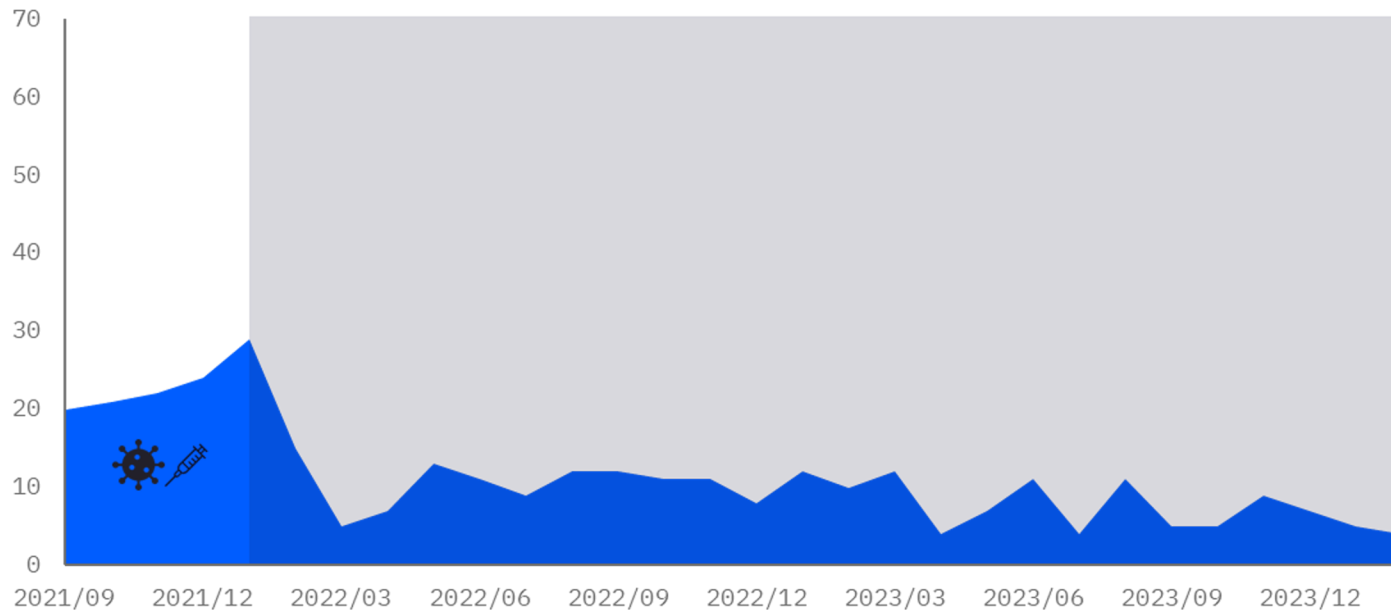




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Health & Covid19

Fact-check *topics* per month



■ Health



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Health & Covid19

Dissident One
Ernst - Voldermort - Kuipers raadt zwangere vrouwen aan "het vacci" te nemen, terwijl de Pfizer docs aantonen dat zwangere vrouwen hun ongeboren kinderen verliezen
<https://dissident.one/2022/05/12/32179/>
DissidentOne
7.5K · May 12 at 09:01

Dutch Awake!
Pfizer documenten withheld terwijl u naar Oekraïne leek; Oekraïne dolen, bloedrijke, moedervan.
Nu weten we waarom Pfizer die documenten 75 jaar lang verborgen wilde houden: 3 pagina's met bewijzen - 42.000 moeders in de eerste 3 maanden waar ze vanaf stelden!
1.1K · May 12 at 12:00

Artsen Collectief
De Pfizer Papers: eerste elf vaccinatie weken 1.223 meldingen van overlijden
De rechter moest er aan te pas komen om de Food and Drug Administration (FDA), vergelijkbaar met het Europees Geneesmiddelenbureau (EMA), te dwingen de veiligheidsonderzoeken van Pfizer vrij te geven. Afgelopen november werd de eerste serie documenten openbaar toegankelijk. De belangrijkste vraag: waarom waren 1223 meldingen van overlijden in de eerste elf weken vaccineren niet voldoende reden om de vaccinatiecampagne direct stil te leggen? In dat korte tijdsbestek kwamen bovendien meer dan vierhonderd verschillende, ernstige bijwerkingen naar voren. Zijn deze wel gemeld aan de overheden? En waarom staan deze bijwerkingen niet in de patiëntenfolder?
Hele artikel lezen: <https://artsencollectief.nl/de-pfizer-papers/>
1.7K · Dec 24, 2021 at 09:00

Corona & Vaccinatie PCR Test & Masker
Confidential Pfizer Documents state that "Covid-19 Vaccine-Associated Enhanced Disease is a real possibility", and new research says graves "already occurring"
Vertrouwelijke Pfizer-documenten zeggen dat de toegenomen ziekte veroorzaakt door het Covid-19 vaccin een reële mogelijkheid is, en nu bewijzen echte gegevens dat het al gebeurt
Pfizer, het bedrijf dat de grootste schikking voor fraude in de gezondheidszorg ooit kreeg en in 2009 een boete kreeg, heeft in vertrouwelijke documenten bevestigd dat het vaccin Covid-19 V-AED veroorzaakt.
<https://dailyexpress.co.uk/2022/03/04/pfizer-confidential-documents-covid-vaccines-cause-ade/>
1.7K · Mar 4 at 11:36

DUTCH DOGGER NEWS
Dr. Zelenko calls for the execution of all involved in crimes against humanity following the damning Pfizer docs released under the FDA.
1.7K · Mar 11 at 06:41

Canada's NewsWire
Why would you be so suspicious of those who are innocent? It's not as if the IC ever came to the Pfizer papers. I'm sure that if you were to look at the hundreds of deaths you would see.
<https://canadainews.worlpress.com/2022/05/06/pfizer-documents-over-1200-executed-during-pfizer-vaccine-trial/>
1.7K · May 6 at 14:00

Publications | November 21, 2022

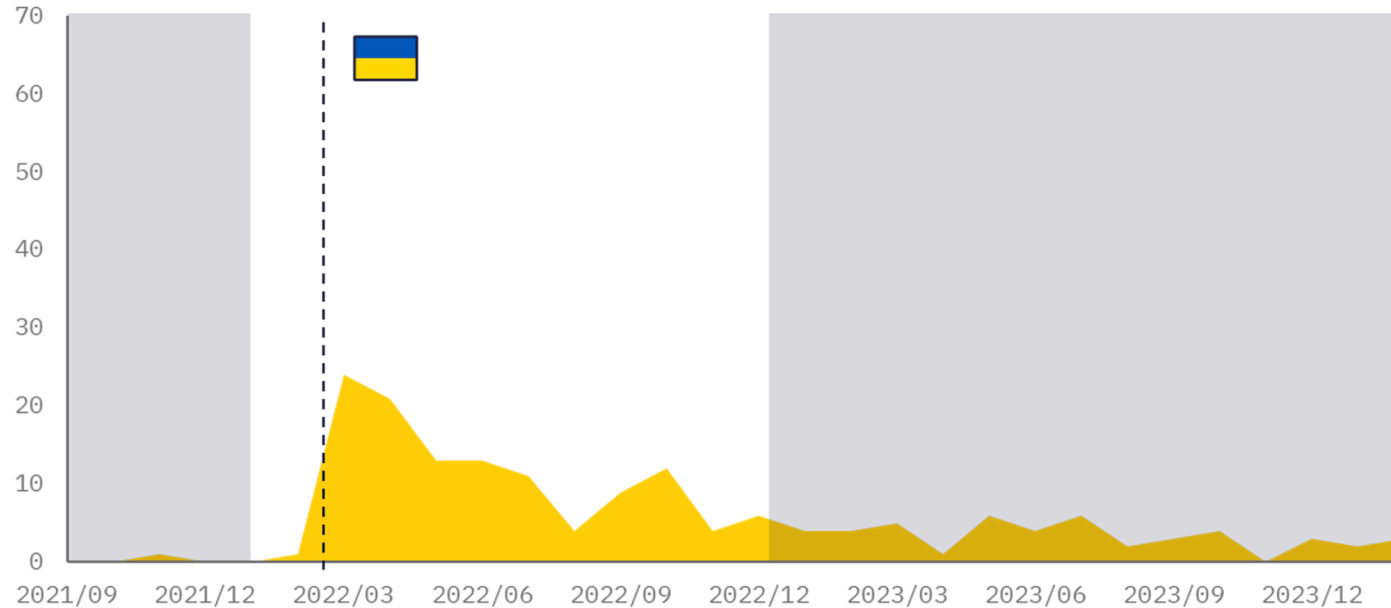
#pfizerpapers: An analysis of disinformation flows about Pfizer's Covid19 vaccine



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War in Ukraine

Fact-check *topics* per month



■ Ukraine



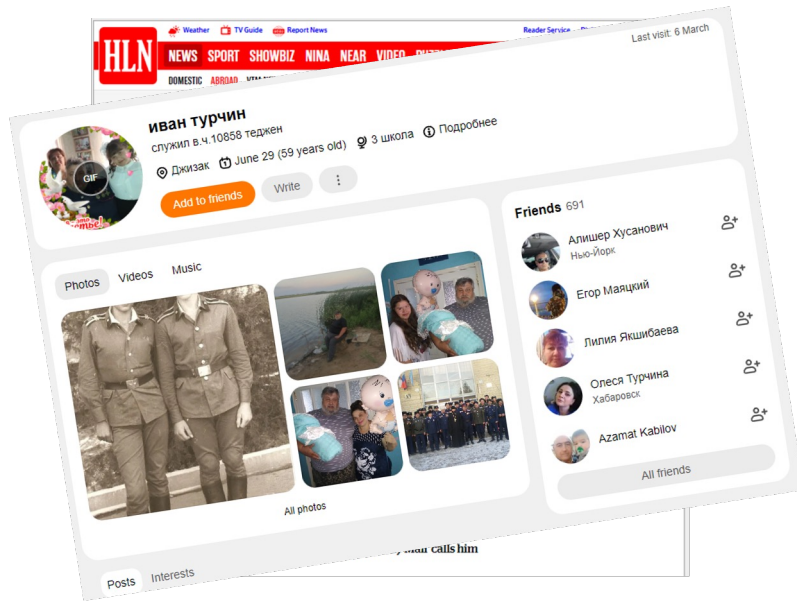
BENEDMO

War in Ukraine



Fact-check

According to some social media users, the video is proof that the massacre committed by the Russian army in the town was staged by Ukraine. The soldiers themselves allegedly scattered the corpses in the streets. This is not true. The footage is from a longer report by the AP news agency. **The soldiers were checking whether the corpses contained booby traps.**



Fact-check



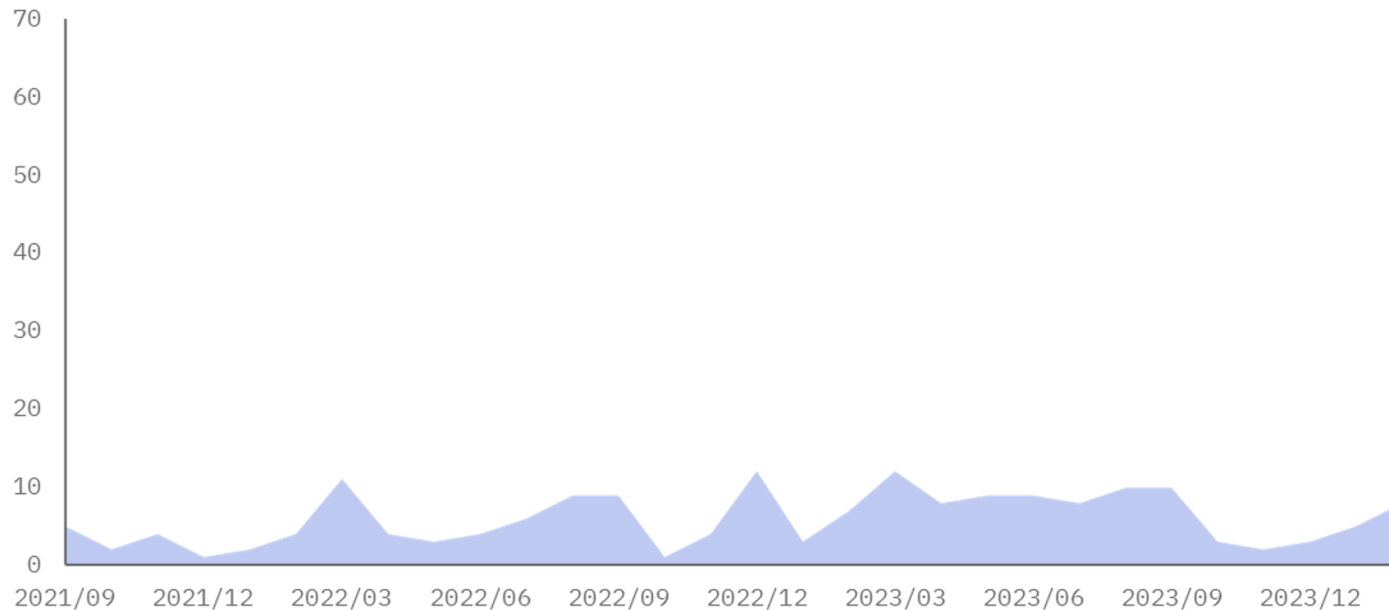
The photo in question appears to have been taken on May 27, 2022, in Russia's Yelansky district, during a ceremony on the eve of 'Border Guard Day', a military holiday. The obese man in the picture is not a general called Pavel, but **Ivan Turchin, a 58-year-old former border guard and soldier**. We therefore judge as untrue the claim that it would be a 67-year-old 'General Pavel', sent to Ukraine as a pensioner by Putin.



BENEDMO

Climate & environment

Fact-check *topics* per month



■ Climate & environment

Wind farms bursting with toxic microplastic!

Climate knights
ener...

Plast

Mikroplast er et minimalt problem for de moderne vindkraftverkene vi har i Norge. De komponentene av vindturbinen som er utsatt for slitasje inneholder ikke plastkomponenter, slik det ofte påstås. Vindturbinene i sin helhet inneholder plast, men plast er ikke nevneverdig representert i de komponentene som slites. Til sammenligning forurenses en bils dekk betydelig større mengder mikroplast enn det en vindturbin slipper ut i løpet av sin levetid. Dette setter påstandene i media om utslipp fra vindkraft i perspektiv.

I dag har vindturbiner en gjenbruksgrad på 85 prosent, men bransjen utvikler stadig nye løsninger som skal øke gjenbruksgraden ytterligere. De komponentene som ikke går til gjenbruk, blir tatt hånd om etter gjeldende regelverk. På dette punktet ønsker bransjen en tettere dialog med myndighetene for å finne nye og innovative løsninger, spesielt knyttet til gjenvinning av blader.

FAKTA:
Maksimal avsliping per blad, per år: **50 gram**, i all hovedsak maling.
Maksimal forurensing av Bisfenol A per blad, per år: 0,5 milligram.

Kilde: Informasjon og tallgrunnlag er levert direkte fra turbinprodusenten Vestas. Ta kontakt med NORWEA for mer informasjon.

NORWEA – Norsk vindkraftforening // Post@norwea.no

...ings, the epoxy
...ment instead of a 'clean'
...not clean, argues Ines van Bokhoven.

View our YouTube channel

Opinie2

Listen to this article



Fact-check

Based on a study, the Norwegian Turbine Group concluded that wind turbines lose as much as 62 kg per turbine per year of microplastics into the environment. But the report **misapplied the data** from the study. For instance, they assume that the turbines have no coating, they keep running non-stop in heavy rain and generalise the erosion rate to the entire engine blade. **Actual figures for erosion material in wind turbines are much lower.**

Dutch city becomes world's first to ban meat adverts in public places



Fact-check

The municipality of Haarlem will conclude new contracts with advertising operators in the coming years. This will no longer allow bus shelter and column advertising for meat from factory farming. This **restriction does not apply to other forms of advertising** in the municipality. In short, the claim that meat advertising will disappear from Haarlem's streets, or that the city will announce a ban on meat advertising, is untrue.



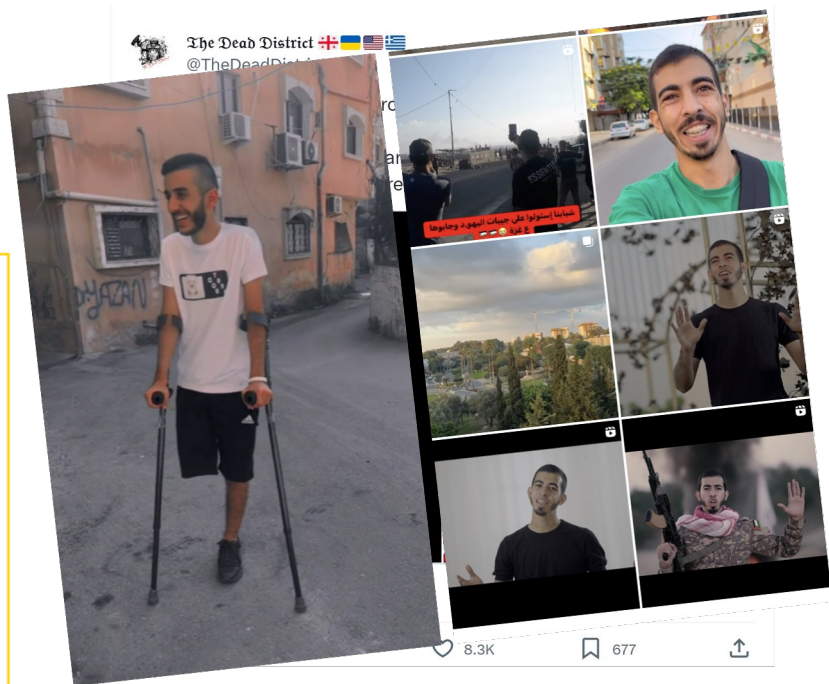
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War in Gaza

Fact-check *topics* per month



■ Gaza



Fact-check

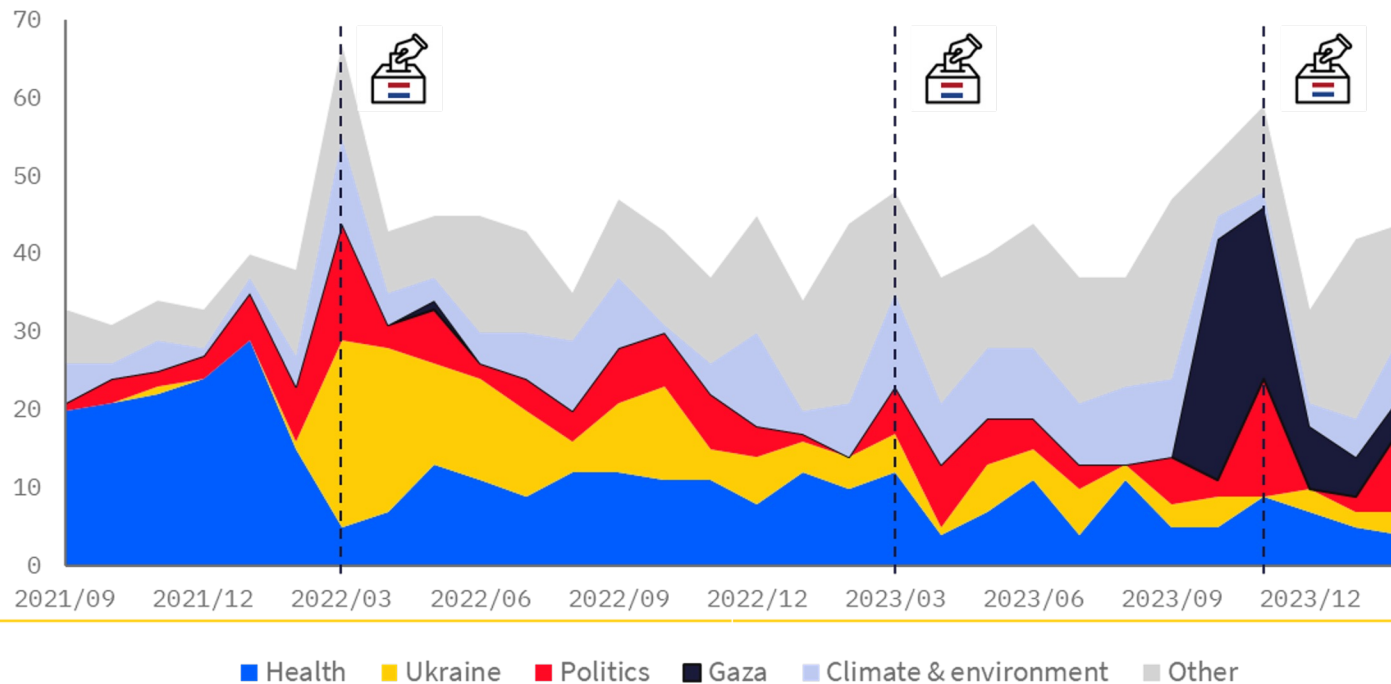
The accusation that a video of a Palestinian young man in a hospital bed shows an actor who is unharmed in other videos is false. **Two different men are involved:** one lost a leg in July 2023 during an Israeli army action in the West Bank, the other is a singer and vlogger from Gaza, who, according to recent videos, is in possession of both legs.



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Elections

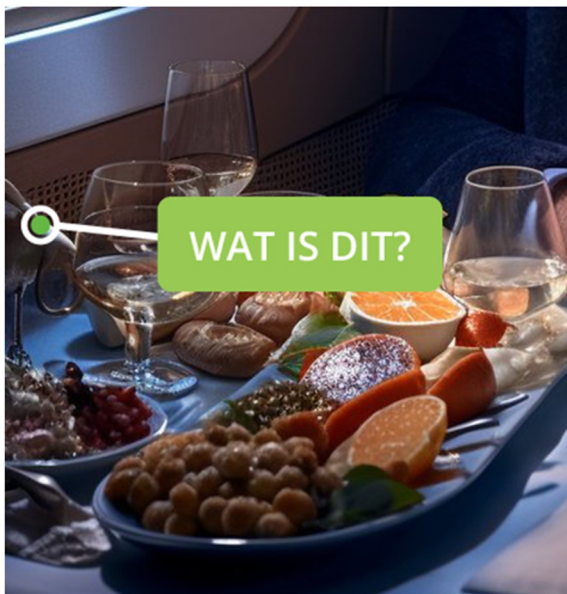
Fact-check topics per month



Fact-check marathons



Fact-check *marathons*





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Break-out Session 1: BENEDMO TOOLS

Guy De Pauw (Textgain)

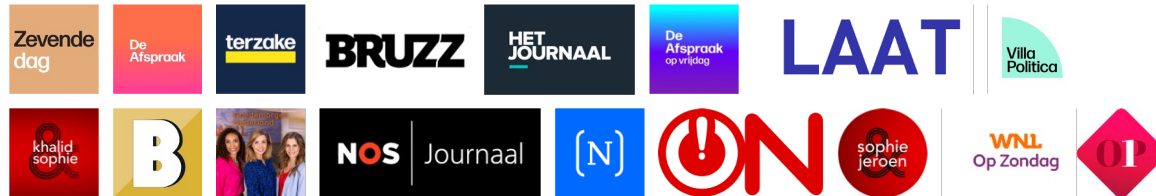
Miguel Ramalho (Bellingcat)



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Tool: Factrank searchable archive

- www.factrank.org
- Archive of statements, scored for “checkability”
- Parliamentary proceedings  Vlaams Parlement |  Tweede Kamer  |  Kamer van Volksvertegenwoordigers
- Subtitles of Flemish & Dutch TV shows (public broadcasters)





BENEDMO

Tool: Factrank searchable archive

- www.factrank.org
- Transcribed Flemish and Dutch Radio Shows (public broadcasters)



De Ochtend, Nieuwe Feiten, De Wereld Vandaag



NOS
radio 1
journaal



- Social Media





BENEDMO

Tool: *Factrank searchable archive*

The screenshot displays the FactRank website interface. At the top, the logo "FactRank." is visible on the left, and navigation links "RANK", "TOOL", "OVER", "PERS", and "NL" are on the right. Below the logo is a search bar with the placeholder "Enter a keyword" and a search icon. To the right of the search bar is a dropdown menu labeled "SORTEREN OP FACTRANK SCORE". Below the search bar are two dropdown menus: "TWITTER, VLAAMS PA" and "SPREKER". A date range filter "2024-03-21 to 2024-03-28" is also present. The main content area shows a list of search results, each with a date, a source icon and name, a headline, and a score of three orange flame icons. The results are as follows:

Date	Source	Headline	Score
27 maart	Twitter	Multicul leidt naar segregatie. Massamigratie verhindert integratie	🔥🔥🔥
25 maart	Sophie & Jeroen	De Surinaamse-Nederlandse artiest was vooral populair met hits als Doeke en Schudden. Nederlanders hebben gemiddeld meer geld te besteden maar ruim de helft van de Nederlanders heeft moeite rond te komen. Twee darters, Anca Zijlstra en Alleen de Graaf stoppen uit het Nederlandse vrouwenteam.	🔥🔥🔥
25 maart	Goedemorgen Nederland	En dat zit in de planten en daar hebben de bijen last van. Zonder bijen worden 85 procent van alle planten niet bestoven. En 75 procent van de voedselgewassen die wij eten zouden ook niet bestoven worden.	🔥🔥🔥
24 maart	De Ochtend (Radio 1)	En daarom zijn ze ook meer populair dan vroeger aan die nicotine. Die nicotine	🔥🔥🔥



BENEDMO

Tool: *Factrank* searchable archive

FactRank. RANK BRONNEN TOOL OVER PERS NL

Meld een Youtube-clip aan voor transcriptie en scoring

youtube-link e.g. <https://www.youtube.com/watch?v=W5d0YHq3xLY>

MELD AAN

Voer een tekst in voor scoring

Voer tekst in met een of meerdere uitspraken (minstens 6 woorden), en kom te weten of ze volgens FactRank checkwaardig zijn en of ze matchen met bestaande factchecks.

CHECK

Publicly accessible API:
<https://api.factrank.org/redoc>

Search...

- Tokeniz Api
- Rank
- Rankbatch
- Get Statements
- Get Statement

FastAPI (0.1.0)
Download OpenAPI specification: [Download](#)

Tokeniz Api
REQUEST BODY SCHEMA: application/json

Required string (0)

Responses

- 200 Successful Response
- 422 Validation Error

Rank
REQUEST BODY SCHEMA: application/json

Required string (0)

API docs by ReDoc

Request samples

`POST /tokenize`

Content type: application/json

```
{ "q": "string" }
```

Response samples

200 422

Content type: application/json

```
null
```

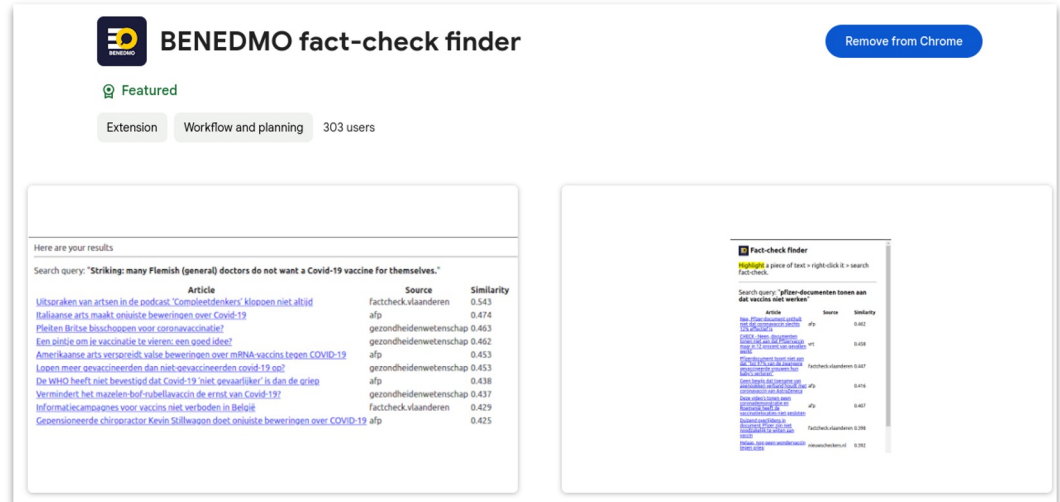
`POST /rank`

Request samples

Content type: application/json

Tool: Browser plugin to match texts to Dutch and Flemish (now international) fact checks

- User selects a text and finds related fact-checks through semantic search
- Available in the [chrome webstore](#)



The screenshot shows the BENEDMO fact-check finder browser extension interface. At the top, there is a logo for BENEDMO and the text "BENEDMO fact-check finder". A "Remove from Chrome" button is visible in the top right corner. Below the header, there is a "Featured" section with a search bar and a "Search" button. The main content area displays search results for the query "Striking: many Flemish (general) doctors do not want a Covid-19 vaccine for themselves." The results are presented in a table with columns for Article, Source, and Similarity.

Article	Source	Similarity
Uitspraken van artsen in de podcast 'Comolietdenkers' kloppen niet altijd	factcheck.vlaanderen	0.543
Italiaanse arts maakt onjuiste beweringen over Covid-19	afp	0.474
Pleiten Britse bisschoppen voor coronavaccinatie?	gezondheidswetenschap	0.463
Een eerste om je vaccinatie te sieren: een goed idee?	gezondheidswetenschap	0.462
Amerikaanse arts verspreidt valse beweringen over mRNA-vaccins tegen COVID-19	afp	0.453
Lupen meer antivaccinisten dan niet-gevaccinisten covid-19 op?	gezondheidswetenschap	0.453
De WHO heeft niet bevestigd dat Covid-19 'niet seivaarlikker' is dan de erisie	afp	0.438
Vermindert het mazelen-bol-subellavaccin de ernst van Covid-19?	gezondheidswetenschap	0.437
Informatiecampagnes voor vaccins niet verboden in België	factcheck.vlaanderen	0.429
Gepensioneerde chiroactor Kevin Stillwaon doet onjuiste beweringen over COVID-19	afp	0.425

On the right side of the screenshot, there is a smaller window showing the "Fact-check finder" interface with a search bar and a "Search" button. The search query is "Striking: many Flemish (general) doctors do not want a Covid-19 vaccine for themselves." The results are presented in a table with columns for Article, Source, and Similarity.

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Een eerste om je vaccinatie te sieren: een goed idee?	gezondheidswetenschap	0.462
Amerikaanse arts verspreidt valse beweringen over mRNA-vaccins tegen COVID-19	afp	0.453
Lupen meer antivaccinisten dan niet-gevaccinisten covid-19 op?	gezondheidswetenschap	0.453
De WHO heeft niet bevestigd dat Covid-19 'niet sevaarlikker' is dan de erisie	afp	0.438
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Gepensioneerde chiroactor Kevin Stillwaon doet onjuiste beweringen over COVID-19	afp	0.425



BENEDMO *Factcheck Database*

<https://factcheck.benedmo.eu>





BENEDMO

BENEDMO Factcheck Database

- <https://factcheck.benedmo.eu>
- Aggregates and curates >150.000 factchecks from 150 sources in 63 different languages

211check.org, aap.com.au, abc.net.au, afp.com, africacheck.org, akhazmetez.org, almushahid.net, amialab.org, ana.at, bbc.co.uk, bbc.com, boatos.org, boomlive.in, br.de, butar.it, buyutec.org, buzzfeed.com, chequeado.com, climatefactchecks.org, colombiacheck.com, correctiv.org, correioabrilrienne.com.br, cotejo.info, covid19facts.ca, culturalistpress.com, danadaily.com, demagog.cz, dfrac.org, dogula.org, dogrulukpayi.com, dop-factchecking.com, dubans.org, de.com, eltopos.com, em.com.br, factcheck.bg, factcheck.kz, factcheck.org, factcheck.vlaanderen, factcheckcenter.jp, factcheckhub.com, factchecklab.org, factchecknl.org, factrescendo.com, factly.in, factnameh.com, factrakers.org, factual.za, fakewes.pl, fakewes.rs, faktograf.br, faktotje.nl, fakttyvia.info, factcheck.cl, fcttcrjager.nl, fullfact.org, geonheidswetenschap.be, glines.co.il, guinnessworldrecords.com, halfraai.com, hku.edu.hk, ilansat.net, infact.press, info-veritas.com, infointegriyibureau.pk, investigatiebel.org, isdatentzo.nl, isranews.org, joins.com, jsmalnh.com.br, knack.be, kro-nrcv.nl, lavoce.info, leadstories.com, lemonde.fr, lessuwigneurs.eu, liputan6.com, logically.nl, logicallyfacts.com, mahar-nex.com, malaysiancheck.cl, malidita.eu, metropoles.com, mexicanodarte.ar, mfc.com, myopen.com, myfidefactis.pe, nationalacademies.org, nepalfactcheck.org, newschecker.in, newsmobile.in, newtral.us, nieuwscheckers.nl, noz.de, nytimes.com, observatoire.com, open-online, opindia.com, oppositae.com.br, our.news, pa.media, pagellipollita.it, pesacheck.org, politiconigeria.com, politifact.com, pynter.org, pravda.org.pl, presseportal.de, projetcomprova.com.br, radio-canada.ca, rappeler.com, raskinskavajne.me, reuters.com, ril.de, rumorguard.org, rumorscamer.com, saechsische.de, sbtnews.com.br, science.feedback.org, snopes.com, sochfactcheck.com, stern.de, stopfake.org, tabaqan.org, telmundu.com, teluspost.com, tempo.co, te-taiwan.org.tw, thedispatch.com, thejournal.in, thequiet.com, ship.media, tjsedel.dk, tmamr.com, tiibunadonrte.com.br, truthorfiction.com, tsek.ph, univision.com, uol.com.br, usatoday.com, verafiles.org, verificat.cat, verify-sy.com, vislvasnews.com, vrt.be, washingtonpost.com, watson.ch, wikitrubune.com, youtun.in





BENEDMO

BENEDMO Factcheck Database

- <https://factcheck.benedmo.eu>
- Aggregates and curates >150.000 factchecks from 150 sources in 63 different languages
- From 1995 until 1 hour ago
- Search-as-you-type (fuzzy search) & metadata filters
- Semantic Search
- Excel Exports



The screenshot shows the Factcheck Database website interface. At the top, there is a search bar with the text "Search Database by entering keywords (q.v. see double quotes for exact matches)". Below the search bar, there are two main columns. The left column contains filters for "Language" (with options like Dutch, English, Spanish, etc.) and "Dates" (with options like All time, Last 24h, Past week, etc.). The right column displays search results. The first result is titled "Factcheck: zwaremie kan bijna evenveel CO2 uitstoten als twee retourvluchten Londen" and includes a thumbnail image of a person's face with flames. The second result is titled "Is dit een echte foto van de boerenprotesten in Parijs?" and includes a thumbnail image of a protest scene with a sign that says "ONWAAR".



BENEDMO

Tool: Semantic Search

- Backend module for:
 - Bellingcat's FactcheckFinder browser plugin
 - BENEDMO factcheck database
 - Factrank claim → fact-check matching
- Search **cross-lingually** for fact-checks that are related but do not necessarily use the same words ad verbatim



BENEDMO

Tool: Semantic Search

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

Politie mensen redden 89-jarige man uit kanaal met hulp van omstaander

0.65 -0.37 -0.73 0.18 0.14 -0.17 0.56 0.29 0.13 0.21 -0.57 0.47 -0.84 0.01 0.21 0.07 -0.55 -0.17 -0.56 0.35 0.22 0.14 -0.34 -0.12 -0.55 -0.12 -0.03 0.32 -0.06 -0.45 0.17 -0.15 0.58 0.7
0.22 -0.55 0.4 0.54 -0.37 0.14 0.88 0.3 0.64 1.48 0.13 0.74 0.09 -0.34 -0.11 0.17 -0.06 -0.26 0.63 0.6 0.89 -0.83 0.26 0.32 -0.26 -0.21 -0.0 -0.26 -0.12 0.26 0.45 -0.38 -0.11 -0.14 0.34
0.3 0.19 -0.38 -0.19 -0.61 0.44 0.07 0.8 -0.53 -0.28 0.1 -0.42 -0.06 -0.28 -0.12 -0.67 -0.25 -0.08 -0.09 -0.27 0.06 -0.18 0.52 0.09 0.68 -0.07 -0.26 -0.11 0.59 0.14 -0.63 0.54 -0.01
0.03 -0.14 0.48 -0.21 0.43 -0.08 -0.43 0.28 -0.25 -0.08 0.03 0.06 -0.36 0.14 -0.24 -0.06 0.27 -0.18 -0.06 0.44 -0.17 0.32 0.33 0.34 -0.19 -0.26 -0.08 0.16 0.42 -0.59 0.26 -0.0 -0.63
0.36 0.28 -0.05 -0.52 0.01 0.32 0.22 0.63 -0.58 0.02 -0.61 -0.11 -0.06 0.07 0.4 0.29 0.19 -0.02 0.07 0.39 -0.1 0.16 0.34 0.25 -0.66 0.29 -0.03 -0.1 0.12 -0.42 -0.35 0.13 -0.64 0.13 1.01
-0.24 0.79 -0.43 0.4 -0.7 -0.32 -0.37 -0.01 -0.14 -0.42 -0.03 0.12 -0.02 -0.15 0.33 0.06 -0.29 -1.22 0.06 0.08 -0.7 -0.38 -0.32 0.14 0.38 0.12 -0.35 0.64 0.18 0.69 0.29 0.08 0.41 -0.24
-0.68 0.11 0.53 0.32 0.05 0.27 -0.54 0.26 0.01 0.37 -0.84 -0.49 -0.15 0.58 -0.04 0.37 0.41 0.0 -0.22 -0.05 0.42 0.43 0.5 -0.39 0.3 0.08 0.48 -0.42 -0.14 -0.19 0.04 -0.52 0.14 0.35 0.26
-0.02 -0.18 0.21 0.12 -0.08 0.21 -0.2 0.18 0.07 -0.0 -0.32 0.15 0.15 -0.25 0.31 -0.56 0.32 -0.17 0.06 0.21 -0.12 -0.36 -0.65 0.14 -0.54 0.23 0.42 -0.05 -0.9 -0.43 0.24 0.38 0.32 0.2
0.36 -0.32 0.5 -0.17 0.26 0.14 0.03 0.35 -0.29 -0.04 -0.29 0.15 0.01 -0.29 0.63 0.11 -0.66 -0.25 -0.73 -0.15 -0.19 -0.35 1.08 -0.29 -0.02 -0.59 0.27 0.31 -0.51 0.08 -0.63 0.4 0.05 0.34
-0.28 -0.05 0.3 -0.6 -0.12 0.01 0.15 0.1 -0.06 0.27 0.59 -0.18 0.46 0.2 0.36 0.22 0.16 -0.45 -0.56 0.28 -0.76 -0.5 -0.01 -0.55 0.02 0.05 0.01 -0.03 0.24 -0.04 -0.74 0.25 -0.07 0.2 -0.08
-0.02 0.01 -0.14 0.39 0.15 0.36 0.05 0.05 -0.59 0.33 0.44 -0.18 -0.26 -0.54 0.59 0.18 0.46 -0.2 -0.34 0.41 0.03 -0.51 0.01 0.32 -0.22 -0.39 -0.16 0.84 0.07 -0.07 0.01 -0.44 0.06 -0.6 -
0.25 0.16 -0.18 -0.15 -0.33 -0.25 0.2 0.39 -0.67 0.39 -0.23 -0.16 0.21 0.14 0.69 -0.42 -0.46 -0.28 -0.28 -0.82 0.51 0.06 -0.09 -0.03 -0.51 -0.36 0.56 0.17 0.12 -0.37 -0.22 0.1 -0.68
0.34 -0.57 0.05 -0.15 0.06 -0.61 -0.34 -0.44 0.01 0.14 0.06 -0.14 -0.33 -0.45 0.1 -0.04 0.12 -0.16 0.05 0.13 -0.08 0.17 -0.17 0.09 -0.35 0.28 0.21 0.59 -0.15 0.12 -0.22 0.05 -0.42 0.25
-0.23 -0.19 0.08 -0.39 -0.13 -0.09 0.49 -0.33 0.13 -0.45 0.42 -0.11 -0.29 -0.18 -0.58 -0.57 0.26 0.4 0.58 0.36 0.42 0.23 0.38 0.38 -0.09 0.29 0.34 -0.03 0.26 -0.32 -0.44 0.43 -0.64 0.49
-0.23 -0.11 0.66 0.38 0.09 -0.3 0.37 -0.37 0.28 -0.48 0.07 0.04 -0.41 -0.27 -0.89 -0.93 0.7 0.01 0.13 -0.22 0.32 -0.25 0.11 -0.16 -0.07 0.62 -0.5 -0.25 -0.56 0.08 -0.13 0.05 -0.04 0.13
0.05 -0.21 -0.23 -0.33 0.6 -0.06 -0.27 -0.42 0.22 -0.3 0.02 0.22 0.07 0.02 -0.18 -0.37 -0.64 0.35 0.48 0.3 -0.61 0.51 -0.49 -0.06 0.08 0.63 0.35 -0.48 -0.03 0.47 -0.48 0.31 -0.56 -0.17
-0.3 -0.25 0.31 0.05 0.17 -0.57 -0.08 0.15 -0.72 -0.02 -0.06 0.28 0.13 -0.19 -0.58 0.04 -1.01 0.45 -0.05 -0.18 0.16 0.25 0.44 -0.54 -0.1 0.38 0.27 -0.05 -0.44 0.19 0.5 -0.36 0.51 -0.01
-0.16 0.45 -0.69 0.42 0.24 -0.1 0.06 -0.3 0.04 0.12 -0.36 -0.32 -0.29 -0.67 0.26 0.26 -0.28 -0.1 -0.13 -0.58 -0.35 -0.2 -0.17 0.0 0.43 -0.36 0.17 -0.3 -0.37 -0.08 0.13 -0.15 0.15 -0.04
0.03 0.13 -0.47 0.55 0.27 -0.08 -0.06 0.32 -0.42 0.44 -0.43 0.37 1.09 0.15 0.25 -0.03 -0.04 -0.18 0.77 -0.58 -0.41 0.07 0.31 -0.17 0.05 -0.14 0.27 -0.03 -0.13 0.71 0.49 -0.22 0.12 0.26
-0.43 0.52 0.29 -0.23 -0.07 -0.3 -0.03 0.23 0.14 -0.24 0.27 -0.25 0.17 -0.43 0.0 -0.3 0.13 0.47 0.03 -0.45 0.78 -0.4 0.44 0.28 0.16 0.31 0.56 0.16 -0.12 -0.12 -0.49 0.02 -0.27 -0.49
0.84 0.46 0.55 -0.19 0.19 -0.36 -0.03 0.01 -0.41 0.17 0.16 -0.16 0.11 0.11 0.26 0.16 0.23 -0.07 0.04 -0.27 0.01 -0.12 0.11 0.19 -0.3 0.41 0.27 0.25 0.07 -0.47 -0.32 0.04 -0.22 0.24 -
0.34 0.23 -0.3 -0.13 0.21 0.51 -2.18 -0.15 0.14 0.29 0.27 -0.36 -0.52 0.37 0.12 0.16 0.54 -0.16 0.65 0.13 -0.05 0.08 -0.14 0.04 -0.46 0.16 -0.03 0.61 -0.17 -0.48 0.51 0.11 0.3 0.06 -
0.17 -0.47 0.59 0.41 0.66 -0.15 -0.07 -0.33 -0.38 0.13 0.10 19 -0.2 -0.02 -0.08 0.77 -0.2 0.15 -0.01 0.15



BENEDMO

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

Politie mensen redden 89-jarige man uit kanaal met hulp van omstaander

0.69 0.25 -0.35 -0.44 0.11 -1.02 1.05 0.12 -0.28 0.5 0.07 -0.08 -0.39 0.08 -0.13 -0.24 0.11 -0.26 0.2 0.43 0.87 -0.01 -0.78 0.51 0.55 0.34 0.04 0.2 0.15 -0.06 -0.04 0.31 0.29 0.12 0.35 0.21 0.32 0.47 0.56 -0.06 0.52 -0.83 0.34 0.8 0.09 0.44 0.06 -0.01 -0.44 -0.13 -0.34 0.09 0.39 0.01 -0.07 0.22 0.24 -0.14 0.28 0.09 0.63 -0.12 -0.17 0.17 -0.34 -0.18 -0.47 -0.42 0.76 -0.71 -0.21 -0.75 0.06 0.15 0.43 -0.68 0.49 -1.1 0.13 -0.08 0.1 0.3 0.28 0.22 -0.31 0.28 -0.33 0.05 -0.5 -0.7 -0.27 -0.24 -0.13 0.41 -0.15 -0.41 -0.44 0.04 -0.4 0.14 -0.22 0.11 -0.74 0.18 0.02 -0.73 0.41 -0.27 0.06 -0.02 -0.32 -0.23 -0.28 0.12 0.01 -0.4 -0.11 -0.44 0.56 -0.25 -0.01 0.2 0.08 -0.58 0.49 -0.03 0.41 -0.62 -0.64 0.04 0.27 -0.43 -0.46 0.11 -0.23 0.27 -0.31 0.55 0.13 -0.2 0.96 -0.13 0.43 -0.31 0.05 0.07 0.43 -0.19 -0.32 -0.26 -0.35 0.42 -0.37 -0.36 0.5 0.19 -0.24 -0.27 0.26 -0.33 0.35 -0.43 0.0 0.42 -0.1 0.14 -0.19 -0.58 -0.63 0.79 0.04 0.06 -0.67 -0.21 -0.04 0.06 0.6 0.26 0.2 -0.12 0.38 -0.44 -0.8 0.21 0.34 -0.16 -0.01 0.26 0.27 -0.1 0.31 -0.17 0.0 0.33 0.16 -0.71 0.06 -0.43 0.44 0.29 0.1 0.22 0.26 -0.33 -0.01 0.72 -0.21 -0.4 -0.05 -0.46 0.37 -0.37 -0.3 -0.53 -0.49 0.02 0.91 0.54 0.08 0.93 -0.28 0.04 -0.23 -0.2 0.27 0.4 -0.29 0.03 0.09 -0.34 0.52 -0.58 -0.07 -0.13 -0.09 0.0 0.55 -0.28 -0.23 -0.06 -0.9 0.37 0.13 1.05 0.1 0.01 0.0 0.13 0.09 -0.24 0.18 -0.08 -0.09 -0.32 -0.14 0.0 -0.63 -0.34 -0.64 -0.03 -0.25 -0.66 -0.24 0.3 -0.5 -0.01 -0.84 -0.2 0.16 0.43 -0.18 0.0 -0.15 -0.07 -0.47 0.39 0.09 0.01 -0.45 -0.05 0.46 -0.43 0.0 -0.17 0.34 -0.35 0.39 0.26 0.33 0.3 -0.31 0.23 0.17 -0.22 0.71 -0.69 0.07 -0.08 0.45 0.1 0.01 0.03 0.03 0.21 -0.33 0.4 -0.49 0.06 0.21 0.55 -0.01 0.53 -0.15 0.47 0.81 0.68 0.66 -0.77 -0.22 1.12 0.07 0.61 0.5 -0.19 0.12 -0.26 0.53 0.13 -0.09 -0.89 -0.02

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

De enige supermarktketen die zelftesten verkoopt: “Ze vliegen hier de deur uit”

0.67 0.76 -0.74 0.06 0.45 0.11 0.61 0.26 -0.18 0.03 0.17 0.04 -0.39 -0.13 0.63 -0.06 -0.15 -0.07 -0.1 0.25 0.05 0.65 -0.19 -0.27 0.05 -0.08 -0.03 -0.02 -0.2 0.18 0.05 0.82 0.17 0.95 0.07 -0.49 -0.13 -0.07 0.63 0.02 0.88 -0.22 0.9 0.44 0.52 0.35 0.06 -0.03 -0.46 -0.36 0.06 0.26 1.04 -0.03 0.21 0.39 -0.25 -0.27 0.02 0.22 0.07 -0.02 -0.14 -0.25 0.3 -0.29 -0.42 -0.61 0.17 -0.35 -0.24 -0.73 0.16 0.39 0.35 0.46 0.64 -1.24 0.47 0.62 0.29 0.24 0.3 -0.29 0.12 -0.28 -0.23 -0.28 -0.77 -0.85 0.26 -0.49 0.03 0.22 0.66 -0.37 0.04 0.17 0.43 0.16 0.19 -0.23 -0.87 -0.38 0.28 -0.27 0.33 -0.28 -0.58 -0.44 -0.57 -0.06 -0.82 -0.06 0.26 0.06 0.43 -0.57 0.67 -0.12 0.9 0.18 0.22 0.13 0.03 0.31 0.54 0.0 -0.38 0.29 0.02 -0.69 0.12 0.23 -0.08 0.27 -0.13 0.31 -0.06 -0.03 0.45 0.03 0.58 -0.27 -0.21 -0.15 0.57 -0.47 0.86 -0.07 -1.0 0.3 0.4 -0.3 0.57 0.74 -0.17 0.44 -0.04 0.05 -0.2 -0.49 -0.19 -0.0 0.09 -0.28 0.11 -0.47 0.43 0.46 -0.14 -0.08 -0.25 0.25 -0.27 0.47 -0.57 -0.02 -0.14 -0.17 -0.44 -0.25 -0.41 0.1 -0.55 -0.07 0.22 -0.56 0.25 -0.3 0.1 -0.13 0.17 -0.25 0.05 0.16 0.53 0.48 -0.62 0.46 -0.4 -0.02 0.17 1.08 0.37 -0.49 -0.25 0.21 -0.32 -0.1 0.54 -0.56 0.04 -0.45 0.22 0.38 0.34 0.64 0.27 -0.06 0.17 0.01 -0.32 0.68 0.25 0.15 0.47 -0.22 0.07 -0.23 -0.11 -0.3 -0.53 -0.01 0.64 0.21 -0.19 -0.1 -0.28 -0.09 -0.25 -0.11 0.07 -0.11 -0.09 -0.45 0.37 0.36 0.03 0.08 -0.03 -0.62 -0.02 0.18 0.08 0.32 0.15 0.09 -0.25 0.48 -0.14 0.1 0.02 0.6 -0.2 -0.46 -0.06 -0.47 0.03 0.21 -0.02 0.26 -0.21 0.67 -0.11 -0.71 -0.12 -0.45 -0.08 0.05 -0.1 -0.07 0.42 -0.07 0.3 0.31 0.33 0.11 -0.43 0.57 0.1 -0.89 1.18 -0.67 -0.44 -0.14 0.32 -0.13 0.08 0.15 0.58 0.05 -0.09 0.25 -0.15 0.06 0.45 0.05 -0.79 -0.2 -0.22 -0.04 -0.14 0.71 0.64 -0.88 -0.06 0.83 -0.09 0.51 -0.07 -0.01 0.01 0.23 -0.01 0.1 -0.92

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

Arbeider (35) verdronken nadat hij met vrachtwagen in water rijdt: “Zijn collega probeerde hem tevergeefs nog te redden”

-0.67 0.55 -0.46 -0.48 0.53 -0.27 0.87 0.03 -0.64 0.11 0.02 0.04 -0.32 0.72 0.71 0.17 0.21 0.34 -0.33 0.18 -0.15 0.3 -0.52 -0.08 0.4 0.71 0.44 -0.22 0.15 0.49 0.44 0.4 0.73 0.32 -0.78 -0.04 -0.29 0.66 0.14 -0.21 0.64 -0.18 0.44 0.86 -0.12 -0.12 0.33 0.22 -0.14 -0.42 -0.24 -0.4 0.6 -0.24 -0.11 0.23 -0.2 0.31 0.02 0.17 0.4 0.24 -0.29 0.3 0.31 -0.32 -0.01 -0.33 0.15 0.24 -0.58 -0.69 -0.11 -0.1 0.27 -0.09 0.4 -0.91 -0.06 0.05 -0.26 0.2 0.34 0.22 0.41 0.51 -0.42 -0.05 -0.2 -0.13 0.48 0.1 0.14 -0.06 -0.67 -0.86 0.03 -0.45 -0.33 -0.28 0.16 0.05 -0.43 -0.31 -0.33 -0.43 -0.49 -0.14 -0.15 -0.16 -0.47 0.07 -0.99 -0.53 -0.16 -0.3 0.26 0.13 -0.04 -0.18 0.47 0.03 0.28 0.39 0.22 -0.35 0.44 -0.19 -0.22 0.06 0.05 -0.62 0.2 -0.05 -0.11 0.14 0.21 0.04 -0.19 -0.25 0.74 -0.32 0.34 -0.11 0.52 -0.22 -0.19 -0.25 0.57 -0.44 -0.44 -0.01 0.21 -0.53 0.29 0.88 -0.4 0.08 -0.27 0.24 -0.04 -0.04 -0.5 0.12 -0.19 0.29 0.05 -0.39 0.04 0.56 -0.11 -0.49 -0.48 -0.28 0.78 -0.28 0.26 -0.26 0.47 0.36 0.11 0.49 0.49 -0.14 -0.11 0.06 0.09 -0.29 -0.55 -0.17 -0.27 0.16 -0.76 -0.4 -0.09 0.3 -0.19 -0.48 -0.28 0.45 0.03 0.43 0.2 -0.04 -0.21 -0.06 0.26 0.42 -0.38 0.15 0.05 -0.14 0.01 0.23 -0.35 -0.33 -0.32 0.15 -0.28 -0.16 -0.07 0.78 -0.14 -0.04 -0.23 0.36 -0.18 0.67 -0.05 0.38 0.27 -0.41 0.32 -0.05 0.28 -0.55 -0.24 -0.24 0.68 -0.84 -0.19 0.18 -0.29 0.12 -0.71 0.14 0.08 0.09 -0.2 -0.06 -0.06 0.01 0.36 0.32 0.71 -0.1 -0.14 -0.29 0.43 -0.66 0.69 -0.19 -0.03 0.17 0.16 -0.08 0.29 -0.02 0.49 0.35 -0.64 0.05 -0.46 -0.52 0.3 0.26 -0.6 0.18 0.1 0.3 -0.13 -0.29 -0.5 0.64 0.28 -0.17 -0.1 0.38 0.35 0.54 0.23 0.51 0.04 -0.62 0.44 0.53 -0.14 0.32 -0.99 0.22 -0.12 0.29 0.01 -0.36 0.25 0.41 -0.02 -0.35 0.24 -0.07 0.3 0.24 -0.76 -0.03 0.76 0.13 0.08 0.04 0.21 -0.08 -0.89 -0.68 0.31 -0.35 1.07 -0.19 -0.18 0.38 0.63 0.07 0.51 -0.3 -1.02 -0.03 0.17 0.75 0.41 -0.58 0.38 0.41 -0.06 -0.81 0.01 0.01 -0.26 -0.25 -0.05 0.72 0.09 0.19 0.05 0.34 -0.77 0.17 0.01 -0.12 -0.39 0.13 0.09 0.0 0.04 0.03 -0.1 -0.67 0.13 -0.17 0.28 -0.27 -0.54 0.12 -0.48 0.53 -0.46 -0.15 -0.13 -0.01 0.54 0.18 -0.57 0.25 -0.57 -0.08 -0.56 0.41 0.29 0.99 0.36 -0.38 -0.31 -0.08 -0.19 -0.0 0.07 -0.11 0.48 0.26 0.33 -0.04 0.8 0.47 -0.25 -0.41 0.2 -0.18 0.04



BENEDMO

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

Politie mensen redden 89-jarige man uit kanaal met hulp van omstaander

0.69 0.25 -0.35 -0.44 0.11 -1.02 1.05 0.12 -0.28 0.5 0.07 -0.08 -0.39 0.08 -0.13 -0.24 0.11 -0.26 0.2 0.43 0.87 -0.01 -0.78 0.51 0.55 0.34
0.04 0.2 0.15 -0.06 -0.04 0.31 0.29 0.12 0.35 0.21 0.32 0.47 0.56 -0.06 0.52 -0.83 0.34 0.8 0.09 0.44 0.06 -0.01 -0.44 -0.13 -0.34 0.09 0.39
0.01 -0.07 0.22 -0.24 -0.14 0.28 0.09 0.63 -0.12 -0.17 0.17 -0.34 -0.18 -0.47 -0.42 0.76 -0.71 -0.21 -0.75 0.06 0.15 0.43 -0.68 0.49 -1.1
0.13 -0.08 0.1 0.3 0.28 0.22 -0.31 0.28 -0.33 0.05 -0.5 -0.7 -0.27 -0.24 -0.13 0.41 -0.15 -0.41 -0.44 0.04 0.14 -0.22 0.11 -0.74 0.18
0.02 -0.73 0.41 -0.27 0.06 -0.02 -0.32 -0.23 -0.28 0.12 0.01 -0.4 -0.11 -0.44 0.56 -0.25 -0.01 0.2 0.08 -0.58 0.49 -0.03 0.41 -0.62 -0.64
0.04 0.27 -0.43 -0.46 0.11 -0.23 0.27 -0.31 0.55 0.13 -0.2 0.96 -0.13 0.43 -0.31 0.05 0.07 0.43 -0.19 -0.32 -0.21 0.35 0.42 -0.37 -0.16 0.5
0.19 -0.24 -0.27 0.26 -0.33 0.35 -0.43 0.0 0.42 -0.1 0.14 -0.19 -0.58 -0.63 0.79 0.04 0.06 -0.67 -0.08 -0.21 -0.04 0.06 0.6 0.26 0.2 -0.12
0.38 -0.44 -0.8 0.21 0.34 -0.16 -0.01 0.26 0.27 -0.1 0.31 -0.17 0 0 0.33 0.16 -0.71 0.06 -0.43 0.44 0.29 0.1 0.22 0.26 -0.3 -0.01 0.72 -0.21
-0.4 -0.05 -0.46 0.37 -0.37 -0.3 -0.53 -0.49 0.02 0.91 0.54 0.08 0.93 -0.28 0.04 -0.23 -0.2 0.4 -0.29 0.03 0.09 -0.34 0.52 -0.58 -0.07
-0.13 -0.09 0 0 0.55 -0.28 -0.23 -0.06 -0.9 0.37 0.13 1.05 0.1 0.01 0 0 0.13 0.09 -0.24 0.18 -0.08 -0.09 -0.32 -0.14 0 0 -0.63 -0.34 -0.64 -
0.03 -0.25 -0.66 -0.24 0.3 -0.5 -0.01 -0.84 -0.2 0.16 0.43 -0.18 0 0 -0.15 -0.07 -0.47 0.39 0.09 0.01 -0.45 -0.05 0.46 -0.43 0 0 -0.17 0.34
-0.35 0.39 0.26 0.33 0.3 -0.31 0.23 0.17 -0.22 0.71 -0.69 0.07 -0.08 0.45 0.1 0.01 0.03 0.03 0.21 -0.33 0.4 -0.49 0.06 0.21 0.55 -0.01 0.53
-0.15 0.47 0.81 0.68 0.66 -0.77 -0.22 1.12 0.07 0.61 0.5 -0.19 0.12 -0.26 0.53 0.13 -0.09 -0.89 -0.02

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

De enige supermarktketen die zelftesten verkoopt: “Ze vliegen hier de deur uit”

0.67 0.76 -0.74 0.06 0.45 0.11 0.61 0.26 -0.18 0.03 0.17 0.04 -0.39 -0.13 0.63 -0.06 -0.15 -0.07 -0.1 0.25 0.05 0.65 -0.19 -0.27 0.05 -0.08
-0.03 -0.02 -0.2 0.18 0.05 0.82 0.17 0.95 0.07 -0.49 -0.13 -0.07 0.63 0.02 0.88 -0.22 0.9 0.44 0.52 0.35 0.06 -0.03 -0.46 -0.36 0.06 0.26
1.04 -0.03 0.21 0.39 -0.25 -0.27 0.02 0.22 0.07 -0.02 -0.14 -0.25 0.3 -0.29 -0.42 -0.61 0.17 -0.35 -0.24 -0.73 0.16 0.39 0.35 0.46 0.64 -
1.24 0.47 0.62 0.29 0.24 0.3 -0.29 0.12 -0.28 -0.23 -0.28 -0.77 -0.85 0.26 -0.49 -0.03 0.22 -0.66 -0.37 0.04 0.17 0.43 0.16 0.19 -0.23 -
0.87 -0.38 0.28 -0.27 0.33 -0.28 -0.58 -0.44 -0.57 -0.06 -0.82 -0.06 0.26 0.06 0.43 -0.57 0.67 -0.12 0.9 0.18 0.22 0.13 0.03 0.31 0.54 0.0
-0.38 0.29 0.02 -0.69 0.12 0.23 -0.08 0.27 -0.13 0.31 -0.06 -0.03 0.45 0.03 0.58 -0.27 -0.21 -0.15 0.37 -0.47 0.86 -0.07 -0.10 0 0.4 -0.3
0.57 0.74 -0.17 0.44 -0.31 0.05 -0.2 -0.49 -0.19 -0.0 0.09 -0.28 0.11 -0.47 -0.43 0.16 -0.14 -0.08 -0.25 0.25 -0.27 0 0 -0.51 0.45 0.47 -
0.57 -0.02 -0.14 -0.17 -0.44 -0.25 -0.41 0.1 -0.55 -0.07 0.22 -0.56 0.25 -0.3 0.1 -0.13 0.17 -0.25 0.05 0.16 0.53 0.48 -0.62 0.46 -0.4 -0.02
0.17 1.08 0.37 -0.49 -0.25 0.21 -0.32 -0.21 0.54 -0.56 0.04 -0.45 0.22 0.38 0.34 0.64 0.27 -0.06 0.17 0.01 -0.32 0.68 0.25 0.15 0.47 -0.22
0.07 -0.23 -0.11 -0.3 -0.53 -0.01 0.64 0.21 -0.19 -0.1 -0.28 -0.09 -0.25 -0.11 0.07 -0.1 0.09 -0.45 0.37 0.36 0.03 0.08 -0.03 -0.62 -0.02
0.18 0.08 0.32 0.15 0.09 -0.25 0.48 -0.14 0.1 0.02 0.6 -0.2 -0.46 -0.06 -0.47 0.03 0.21 -0.02 0.26 -0.21 0.67 -0.15 -0.7 -0.12 -0.45 -0.08
0.05 -0.1 -0.07 0.42 -0.07 0.3 0.11 0.13 0.11 -0.43 0.57 0.11 -0.89 1.18 -0.67 -0.44 -0.14 0.32 -0.13 0.08 0.15 0.58 0.05 -0.09 0.25 -0.15
0.06 0.45 0.05 -0.79 -0.2 -0.22 -0.04 -0.14 0.71 0.64 -0.88 -0.06 0.83 -0.09 0.51 -0.07 -0.01 0.01 0.23 -0.01 0.1 -0.92

N NIEUWS SPORT REGIO SLIMMER LEVEN BILLIE PODCA

Arbeider (35) verdronken nadat hij met vrachtwagen in water rijdt: “Zijn collega probeerde hem tevergeefs nog te redden”

-0.67 0.55 -0.46 -0.48 0.53 -0.27 0.87 0.03 -0.64 0.11 0.02 0.04 -0.32 0.72 0.71 0.17 0.21 0.34 -0.33 0.18 -0.15 0.3 -0.52 -0.08 0.4 0.71
0.44 -0.22 0.15 0.49 0.44 0.4 0.73 0.32 -0.78 -0.04 -0.29 0.66 0.14 -0.21 0.64 -0.18 0.44 0.86 -0.12 -0.12 0.33 0.22 -0.14 -0.42 -0.24 -0.14
0.6 -0.24 -0.11 0.23 -0.2 0.31 0.02 0.17 0.4 0.24 -0.29 0.3 0.31 -0.32 -0.01 -0.33 0.15 0.24 -0.58 -0.69 -0.11 -0.11 0.27 -0.09 0.4 -0.91 -
0.06 0.05 -0.26 0.2 0.34 0.22 0.41 0.51 -0.42 -0.05 -0.2 -0.13 0.48 0.1 0.14 -0.06 -0.67 -0.86 0.03 -0.45 -0.33 -0.28 0.16 0.05 -0.43 -0.31
-0.33 -0.43 -0.49 -0.14 -0.13 -0.16 -0.47 0.07 -0.93 -0.53 -0.16 -0.3 0.26 0.13 -0.04 -0.18 0.47 0.03 0.28 0.39 0.22 -0.35 0.44 -0.19 -0.22
0.06 0.05 -0.62 0.2 -0.05 -0.11 0.14 0.21 0.04 -0.19 -0.25 0.74 -0.32 0.34 -0.1 0.52 -0.22 -0.19 -0.25 0.57 -0.44 -0.44 -0.01 0.21 -0.53
0.29 0.88 -0.4 0.08 -0.27 0.24 -0.04 -0.04 -0.5 0.12 -0.19 0.29 0.05 -0.39 0.04 0.56 -0.11 -0.49 -0.28 0.78 -0.28 0.26 -0.26 0.47 0.36 0.11
0.49 0.49 -0.14 -0.11 0.06 0.09 -0.29 -0.55 -0.17 -0.27 0.16 -0.76 -0.4 -0.09 0.3 -0.19 -0.48 -0.28 0.45 0.03 0.43 0.2 -0.04 -0.21 -0.06
0.26 0.42 -0.38 0.15 0.05 -0.14 0.01 0.23 -0.35 -0.33 -0.32 0.15 -0.28 -0.16 -0.07 0.78 -0.14 -0.04 -0.23 0.36 -0.18 0.67 -0.05 0.38 0.27 -
0.41 0.32 -0.05 0.28 -0.55 -0.24 -0.24 0.68 -0.84 -0.19 0.18 -0.29 0.12 -0.14 0.08 0.09 -0.2 -0.06 -0.06 0.01 0.36 0.32 0.71 -0.1 -0.14 -
0.29 0.43 -0.66 0.69 -0.19 -0.03 0.17 0.16 -0.08 0.29 -0.02 0.49 0.35 -0.64 0.05 -0.46 -0.52 0.3 0.26 -0.6 0.18 0.11 0.3 -0.13 -0.29 -0.53 -
0.64 0.28 -0.17 -0.1 0.38 0.35 0.54 0.23 0.51 0.04 -0.62 0.44 0.53 -0.14 0.32 -0.99 0.22 -0.12 0.29 0.01 -0.36 0.25 0.41 -0.02 -0.35 0.24 -
0.07 0.3 0.24 -0.76 -0.03 0.76 0.13 0.08 0.04 0.21 -0.08 -0.89 -0.68 0.31 -0.35 1.07 -0.19 -0.18 0.38 0.63 0.07 0.51 -0.3 -1.02 -0.03 0.17
0.75 0.41 -0.58 0.38 0.41 -0.06 -0.81 0.01 0.01 -0.26 -0.25 -0.05 0.72 0.09 0.19 0.05 0.34 -0.77 0.17 0.01 -0.12 -0.39 0.13 0.09 0.0 0.04
0.03 -0.1 -0.67 0.13 -0.17 0.28 -0.27 -0.54 0.12 -0.48 0.53 -0.46 -0.15 -0.13 -0.01 0.54 0.18 -0.57 0.25 -0.57 -0.08 -0.56 0.41 0.29 0.99
0.36 -0.38 -0.31 -0.08 -0.19 -0.0 0.07 -0.11 0.48 0.26 0.33 -0.04 0.8 0.47 -0.25 -0.41 0.2 -0.18 0.84



BENEDMO

Tool: BENEDMO Factcheck Database

- Semantic Search

knack **factcheck.**

Factcheck: nee, deze video toont geen festiviteiten na verkiezingsoverwinning in El Salvador

Online circuleert een video waarin een groot vuurwerk te zien is. Dat vuurwerk zou hebben plaatsgevonden in El Salvador, na de herverkiezing van president Nayib Bukele afgelopen zondag. Dat klopt niet. Het gaat om oude beelden uit de Kroatische stad Split. Knack beoordeelt het bijchrift bij de video dan ook als onwaar.

Source: knack
Publication Date: 07 February 2024

MISCAPTIONED

Fact Check: Video does not show fireworks marking Bukele's El Salvador election win

A video from Croatia that dates to at least 2020 has been falsely shared as footage showing fireworks in El Salvador following President Nayib Bukele's re-election in February 2024.

Source: reuters
Publication Date: 08 February 2024

هذا المنيع يعود لاحتفالات منسوبة لذي كرا في كرواتيا وليس كوفي الزماني في الكويت - الكويت

بداية مستنصر موقع التواصل الاجتماعي، مطلع فيدي بالفيديو الكافي جزءا من عرض ليلة التهنئة بالانتخابات في كرواتيا.

Source: falsifyano
Publication Date: 29 August 2021

FALSO FALSO FALSO FALSO FALSO

Video de queima de fogos avermelhado é antigo e não tem relação com eleição de Lula

Video que circula pelas redes sociais é antigo, e foi gravado em outubro de 2020. Registro ocorreu durante comemoração de torcedores do HNK Hajduk Split, um time de futebol da Croácia.

Source: uol
Publication Date: 31 October 2022



BENEDMO

Tool: Factrank

De Scheveningse haven is belangrijk voor onze economie. Niet alleen ondernemers krijgen last van klimaatdwang ook burgers krijgen steeds vaker tegen hun zin te maken met de nadelige gevolgen van een windmolen in je omgeving, zoals geluidsoverlast. Maar volgens Frans Timmermans is dat allemaal nodig. Wij leven in een tijd van een industriële revolutie. De energietransitie moet koste wat kost doorgang vinden. De Europese Unie moet en zal per 2050 CO2-neutraal zijn. En dus moet ook ons land volgens het worden met industriële windturbines zonnepaneelvelden en biomassacentrales. Een industriële revolutie die niet politiek gestuurd wordt er niet gestuurd wordt door regelgeving zal een kleine groep van multimiljonairs opleveren en een hele grote groep mensen die verliezen. Nederland staat daardoor nog veel groene maatregelen te wachten. Zoals de inrichting van zero emissiezones in steden.

February 6, 2024 12:02



Ongehoord Nieuws

https://npo.nl/start/serie/ongehoord-nieuws/seizoen-3.1/ongehoord-nieuws_197/afspelen

00:28:17:760



Related factchecks

KUNNEN WINDMOLENS MENSEN ZIEK MAKEN?

Mensen die in de buurt wonen van een windmolen, klagen soms van geluidsoverlast, concentratieproblemen en slecht slapen. Onderzoek spreekt hen nu tegen.

GEZONDHEIDSGEWETENSCHAP

Het versimpelen van de werkelijkheid wordt maar al te graag gebruikt door volkssmeners en populistten. En daarnaast gaan ze dus niet enkel over de vraag alleen. Je hunt zulke grote vragen ook niet los van een groter geheel stellen. Het debat over de vereniging van Europa verdient meer diepgang dan enkel een gepolariseerde strijd. Voor een complexe vraag als deze verdienen Nederlanders, Europeanen, ook dat wij onze taak als volksvertegenwoordigers serieus nemen. Dus niet de problemen afschuiven op Brussel als dat uitkomt, en ook niet enkel Europese successen nationaal claimen. Hoe een referendum misbruikt kan worden, hebben we gezien bij de brexit. De ene na de andere leugen werd over het Britse volk heen gestort. Zoals de rede bus - u ziet 'm allemaal nog rijden - met de leugen dat er 350 miljoen pond per week terug zou komen. Het meest actuele voorbeeld is de Natuurherstelverordening. Slechts 13% van de Britten gelooft nu nog dat de brexit daadwerkelijk positief is geweest voor de economie. Europa tegen elkaar op te zetten door middel van desinformatie en Europa te verzwakken, en daarmee onze veiligheid, met een oorlog op ons continent, te ondermijnen. Deze tijd verdient een sterk debat over de hoers van de Europese Unie, want het kan en moet ook beter, democratischer. Europese wetten regelgeving, op politiek gebied daadwerkelijk en democratisch hoers en richting kan geven aan wat besloten wordt aan de zogenaamde Brusselse burelen. Denk ook aan het recht van initiatief voor het parlement en Spitzenkandidaten. 450 miljoen Europeanen stemmen voor een krachtig en democratisch Europees parlement dat een Europese regering controleert, net zoals we in de Nederlandse democratie gewend zijn. Is dat niet eigenlijk een voorbeeld, een heel recent en actueel voorbeeld, waaruit blijkt dat de nationale volksvertegenwoordiging ook zelf aan de knoppen zit? Ik hoop dat die durf de komende tijd ook hier in de Kamer te zien zal zijn. Want dat is wat deze veranderende tijd, en de veranderende wereldorde, van ons vraagt. Poetin, en waarin we onze bedrijven helpen om de innovatieve en duurzame economie van de toekomst te bouwen en te kunnen concurreren met Amerika en China. In een gezonde Europese democratie is er niet één allesbepalend referendum, maar bepaten iedere dag iedere stem en iedere handeling de toekomst van onze unie.

March 27, 2024 09:03



Tweede Kamer

https://www.tweedekamer.nl/kamers/ik/en/pleenaire_verslagen/detail/2023-2024/57

De heer Dassen | Volt



Related factchecks

HOW ACCURATE HAVE BREXIT FORECASTS BEEN SINCE THE REFERENDUM?

Resistors to economic forecasts after the Brexit vote proved to be fairly accurate in the medium term, though less so in the short term.

FAKING



BENEDMO
Coming soon: translations
& themes

Tool: *BENEDMO Factcheck Database*

- API: <https://factcheck.benedmo.eu/redoc>

The image shows two side-by-side screenshots. The left screenshot is the Redoc API documentation for the Benedmo Factcheck Database. It features a sidebar with navigation options like 'Historic', 'Semantic Search', 'Export By Search Filter', etc. The main content area is titled 'FastAPI (0.1.0)' and shows a 'Matchfc' endpoint. Below the endpoint description, there is a table with columns for 'id', 'score', 'source', and 'url'. The table contains several rows of data, including entries for 'id: 4', 'id: 4306', 'id: 4307', 'id: 4308', 'id: 4309', 'id: 4310', and 'id: 4311'. The right screenshot shows a REST client interface with a 'Request samples' section containing a JSON payload and a 'Response samples' section showing a '200 Successful response' and a '422 Validation Error'.

- RSS Feed: <https://factcheck.benedmo.eu/rss.xml>



BENEDMO
Coming soon: translations
& themes

Tool: BENEDMO Factcheck Database

- API: <https://factcheck.benedmo.eu/redoc>
- RSS Feed:
<https://factcheck.benedmo.eu/rss.xml>
- Coming up:
 - Translate functionality for titles & summaries
 - Topic labeling
 - Image hashing



Tool: Name variants search tool

- Input someone's name and get suggestions of common variations with live search
- Available at bellingcat.github.io/name-variant-search/

Name Variant Search

Search for exact matches on any of these names:

Miguel Sozinho Ramalho × M Sozinho Ramalho ×

enter names

Press Enter to add new name. Backspace to delete.

Suggestions

Add Miguel S Ramalho	
Add Miguel Ramalho	
Add M Ramalho	
Add M S Ramalho	
Add Ms Ramalho	
Add Ramalho, Miguel Sozinho	
Add Ramalho, Miguel S	
Add Ramalho, Miguel	
Add Ramalho, M Sozinho	
Add Ramalho, M S	
Add Ramalho, M	

About 237 results (0.31 seconds)

Miguel Sozinho Ramalho's Homepage
msramalho.github.io
Miguel Sozinho Ramalho. msramalho. about; projects. Miguel Sozinho

Miguel Sozinho Ramalho (@SozinhoRamalho) / X
X (formerly Twitter) > sozinhoramalho
Miguel Sozinho Ramalho · @SozinhoRamalho. · Feb 7, 2021. 57M twe...
Watch ...

msramalho (Miguel Sozinho Ramalho) · GitHub
GitHub > msramalho
Miguel Sozinho Ramalho msramalho.. Coding the Supertheory of Super...

Miguel Sozinho Ramalho - Google Académico
[scholar.google.com](https://scholar.google.com/citations) > citations
Researcher, University of Porto - FEUP. @fe.up.pt
Miguel Sozinho Ramalho. Researcher, University of Porto - FEUP. E-mail confirmed

High-level Approaches to Detect Malicious Political Activity on Twitter
[arXiv.org](https://arxiv.org) > cs
Feb 4, 2021 ... Title:High-level Approaches to Detect Malicious Political Ac



Tool: Telegram Group Joiner

- Automatically join multiple telegram groups (public/private)
- Available at bellingcat.github.io/telegram-group-joiner/

Telegram Group Joiner

Use this tool to batch add a Telegram account (via its phone number) to multiple Telegram groups. Works for public and private groups; private groups require an invite link and not just the t.me/c/1234 link.

We advise you **not to use your personal account** for automations as telegram may block it (unlikely but possible).

Step 1 - Authenticate

Get telegram API keys from my.telegram.org (see [instructions](#)). These keys are private, but they can be reused to add any account (phone number) to groups.

API ID

API HASH

[START AUTH](#)

[RESET AUTHENTICATION](#)

state: `authorizationStateWaitTdLibParameters`

[JOIN 59 GROUPS](#)

✓ 59/59 groups joined

59 groups identified

- ✓ 1 - <https://t.me/+8Rah-lb7Q6Y2MjQy>
status: joined
private id=1006836030
- ✓ 2 - <https://t.me/+4kAkN49IKJBhZdk6>
status: joined
private id=1172830166



BENEDMO

Tool: Fact-checking templates

- Input URL from a claim to fact-check, the tool: **archives** the content, generates a **banner**, and generates a **fact-check** based on a template.
- Fact-checkers can modify the template or the input extracted from the text, for example with more context or different conclusions.
- Experimental version available at fact-check-tools.vercel.app

Fact Check Tools Archive Draft Banner

Create a template fact check

Enter the URL of the article or post you want to fact check.

Archiving

Archived page

Title: **Lente in Twente: overal gele velden, platgespoten met de 'stem van het platteland'**. <https://t.co/nbj1jwCYAq>

URL: <https://twitter.com/SanderSchimmelp/status/16483914>

Date: Wed Mar 06 2024 13:26:17 GMT+0000 (Greenwich Mean Time)

Status: [twitter: success](#)

[View on Archive.org](#)

[Template Fact Check](#)

Images



Draft

Briefly summarize the claims, sources, findings, methods, and any other relevant information to include in your fact checking article.

Privacy Policy
Cookie Policy
Accessibility
Ads info
More
© 2024 X Corp.

Template Default - EN

View Template

Fact Check Report : [Title of the Fact Check Report]

Introduction

[Provide a brief introduction to the topic and the claims made by various sources or parties.]

Claims

[List the claims]

Copy

Fact Check Report: Claims about the Use of Glyphosate in Twente

Introduction

Sander Schimmelpenninck's tweet alleges that fields in Twente are sprayed with glyphosate (Roundup), referring to it as "vergif" (poison) and claiming it to be prevalent in the region. This fact check will investigate the accuracy of these claims.

Claims

1. Fields in Twente are sprayed with glyphosate (Roundup).
2. Glyphosate is referred to as poison.
3. Glyphosate is widely used in Twente.

URL

Banner



The banner shows a tweet from Sander Schimmelpenninck with a red banner overlaid that says "FACT CHECK". The tweet text is partially visible: "Lente in Twente overal gele velden, platgespoten met glyphosat (Roundup). Vergif als de 'stem van het platteland'."

Save



BENEDMO

Tool: *Auto-Archiver*

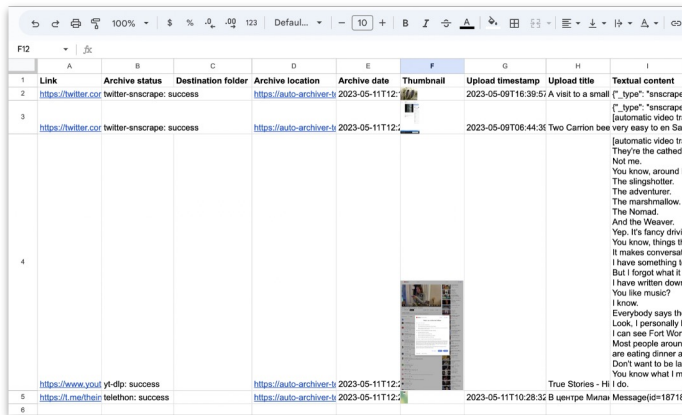
- Uses several preservation techniques to archive an auditable copy of online content
- Preserved media can be shared with others, and enriched, eg: audio transcriptions with AI, metadata extraction, thumbnails generation, ...






The screenshot shows the GitHub repository page for 'auto-archiver'. At the top, there are buttons for 'Edit Pins', 'Unwatch 19', 'Fork 53', and 'Star 454'. Below this, there are navigation options for 'main' and a 'Code' button. The repository description reads: 'Automatically archive links to videos, images, and social media content from Google Sheets (and more)'. A link to the PyPI project is provided: pypi.org/project/auto-archiver/. Below the description, there are tags for 'python', 'docker', 'service', 'scraping', 'archive', 'web-archiving', and 'open-source-research'. The file list shows:

File/Folder	Description	Time
.github/workflows	V0.9.0 - closes several open issu...	2 weeks ago
docs	Update README images	10 months ago
scripts	V0.9.0 - closes several open issu...	2 weeks ago
src	adds instagram no stories as succ...	yesterday

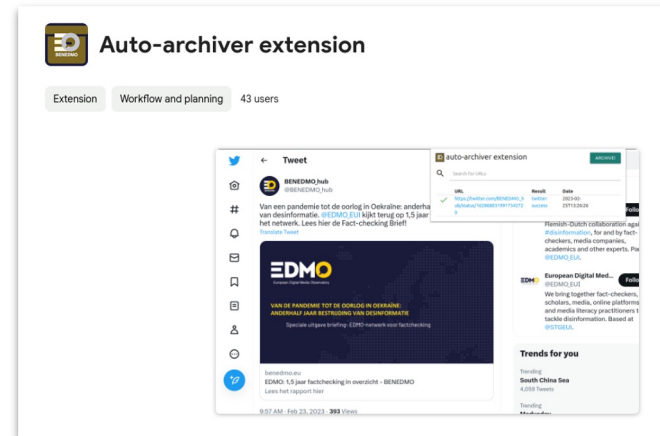
Auto-Archiver API and UIs

- How to use: [command line](#), [browser extension](#), [web interface](#)



	A	B	C	D	E	F	G	H	I
	Link	Archive status	Destination folder	Archive location	Archive date	Thumbnail	Upload timestamp	Upload title	Textual content
1	https://twitter.com/	twitter-scraper: success		https://auto-archiver-	2023-05-11T12:...		2023-05-09T16:39:51	A visit to a small	[_type: "nscape (automatic video tra
2	https://twitter.com/	twitter-scraper: success		https://auto-archiver-	2023-05-11T12:...		2023-05-09T06:44:31	Two Carrion bee very easy to en Sac	
3									They're the cathedr Not me. The alingnotter. The adventurer. The marshmallow. The Nomad. And the Weaver. Yep, it's fancy drivin You know, things th It makes conversati I have something to But, I forgot what it I have written down You like music? I know. Everybody says the Look, I personally b I can see Fort Wort Most people around are eating dinner al Don't want to be lat You know what I m
4	https://www.youtu	yt-dlp: success		https://auto-archiver-	2023-05-11T12:...				True Stories - Hi I do
5	https://t.me/thai	telegram: success		https://auto-archiver-	2023-05-11T12:...		2023-05-11T10:28:31	B uhrpne Marina Message(218718	
6									

CLI and Web: works in a spreadsheet



Auto-archiver extension

Extension Workflow and planning 43 users

Tweet: **BENEDMOhub** Van een pandemie tot de oorlog in Oekraïne: onderha van desinformatie. **EDMO** is kijt terug op 1,5 jaar het netwerk. Lees hier de Fact-checking Brief!

Search results for **EDMO**:

- EDMO** is kijt terug op 1,5 jaar het netwerk. Lees hier de Fact-checking Brief!
- EDMO** is kijt terug op 1,5 jaar het netwerk. Lees hier de Fact-checking Brief!
- EDMO** is kijt terug op 1,5 jaar het netwerk. Lees hier de Fact-checking Brief!

Extension: works for single URLs



BENEDMO

Auto-Archiver web demo auto-archiver.bellingcat.com



This is a pre-release prototype demo service provided on a best-effort basis. Do not use for mission critical or sensitive data.

This tool will configure a Google Sheet on your Google account for use with [Bellingcat's Auto Archiver](#). For more information about the Auto Archiver and how to use it, see [our Github repository](#) and the [associated article](#).

How archiving a Google Spreadsheet works

- Add links to the `Link` column
- Links are archived **every 60 minutes**, or you can trigger a manual archive below
- You can modify and share the Google Sheet subsequently, but do not edit the auto archiver column names in the header row or remove the service account from the shared users



BENEDMO

Break-out Session 2: BENEDMO Academic insights

dr. Michael Hamelers (UvA)

Agenda

- Key aims of research lab
- Set-up research lab
- Main findings
- Lessons learned
- Trends and a future outline

Aims of the lab

- Offer evidence on the effectiveness and barriers of fact-checking
- Informed by practices of fact-checkers in the network
- Based on cases of mis- and disinformation central in the network
- With the aim to put findings in practice
- Responding to practical needs

Design of experiments

- Design experiments: people were exposed to misinformation or real information on various topics
- 50% read corrective information afterwards in treatment conditions
- 50% did not see corrective information (control group)
- We assessed credibility misinformation and other measures (such as critical attitude toward information) after misinformation exposure

Variety experiments

- Format of both fact-checking and misinformation was varied
- Fact-checking: presented as regular de-bunking message or truth-sandwich format (making deception less prominent)
- Misinformation: regular text-based disinformation versus deepfakes and image-based disinformation
- Topics: immigration, health-related disinformation, armed conflicts (survey studies)



How effective are fact-checks?

What does “effective” mean?

Typically:

- Successful correction of false beliefs

Also important:

- More trust in reliable information
- More trust in fact-checkers
- Less resistance to reading future fact-checks

How effective are classic fact-checks vs.
the truth sandwich?





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The truth sandwich



← Accurate information

← False information

← Accurate information

Methods

Traditional fact-check:

NIEUWSCHECKERS
● DE FACTCHECKERS VAN UNIVERSITEIT LEIDEN

Factcheck

De volgorde waarin je een maaltijd eet heeft geen effect op je gewicht

Een Franse biochemicus heeft naar eigen zeggen de succesformule gevonden om af te vallen zonder te diëten. Het geheim zit volgens haar in de volgorde waarin je verschillende maaltijdonderdelen eet, zoals eiwitten en koolhydraten. Helaas is het niet zo simpel: het totale aantal calorieën dat je eet is bepalend, niet de volgorde van inname.

Bewering

De volgorde waarin je een maaltijd eet heeft effect op je gewicht.

Oordeel

Onwaar.

Methods

Truth sandwich:







Factcheck

Gezond en evenwichtig eten heeft een positief effect op je gewicht

Er bestaan honderden manieren om af te vallen. Maar niet iedere manier is effectief. Wetenschappelijke inzichten kunnen ons helpen om te begrijpen hoe we ons streefgewicht kunnen behalen.

Wetenschappers zijn het erover eens dat het totaal aantal calorieën de belangrijkste factor is bij aankomen en afvallen. Ons lichaam haalt energie (oftewel calorieën) uit eten door het nuttigen van drie noodzakelijke voedingsstoffen: koolhydraten, eiwitten en vetten. De verkregen energie wordt voor al onze lichaamsfuncties ingezet (waaronder beweging). Als we meer eten dan ons lichaam nodig heeft, dan wordt de overtollige energie als vet opgeslagen. Als we minder eten dan ons lichaam nodig heeft dan gaan we afvallen.

Results: How effective are fact-checks?

	Correction	Trust in fact-checkers	Less resistance
Trad. fact-check			
Truth sandwich			



Results: Why do people not read fact-checks?

Type of resistance	Quote
1. No interest or relevance	"Neither of these topics interest me enough to find out about the truth."
2. Own truth	"I am fine like this, as long as I know my own truth"
3. No trust in fact-checks	"A fact-check can also be manipulated."
4. Too much effort	"Life is already quite busy."
5. Trust in news	"I believe these messages are based on facts."
6. Hide from facts	"I don't want to know because if this is true I am getting really angry."

Conclusions

When is a fact-check effective?

- Depends on the aim
 - → apply different fact-check formats strategically

Resistance: Pragmatic reasons more prevalent than ideological reasons or distrust



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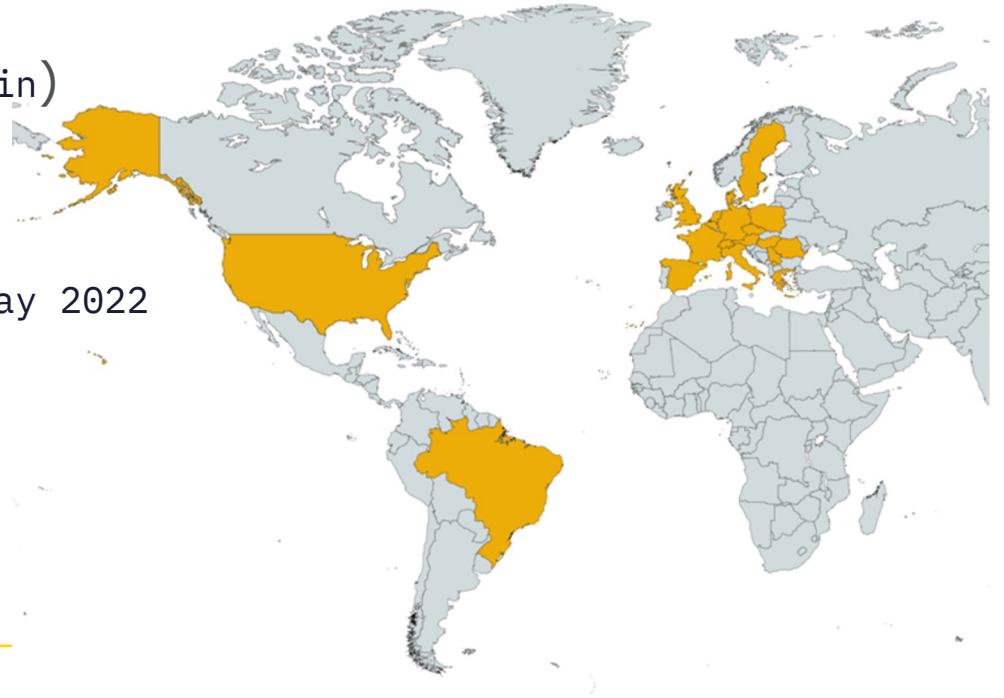
Russian war in Ukraine

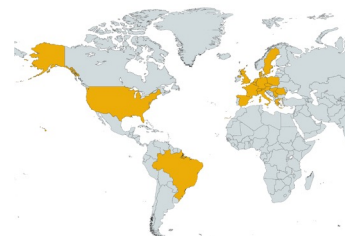
Survey in 19 Countries (ca. 15 min)

N = 19,037; 53% female

48.96 years (SD = 16.31)

Field work: late April - early May 2022





Overarching research questions

How do citizens engage with (false) information related to the Russian war in Ukraine?

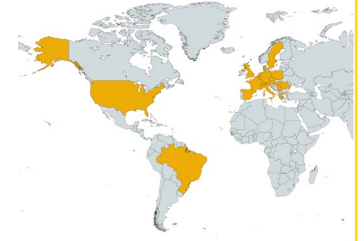
Citizens are concerned about the prevalence of misinformation in their newsfeeds (Newman et al., 2022)

- Amplified during a crisis?
- Are citizens more vulnerable to misinformation?
- Implications for the effectiveness of interventions, like fact-checking?

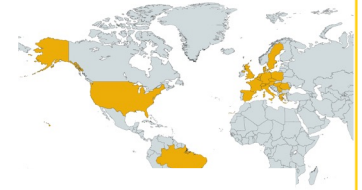


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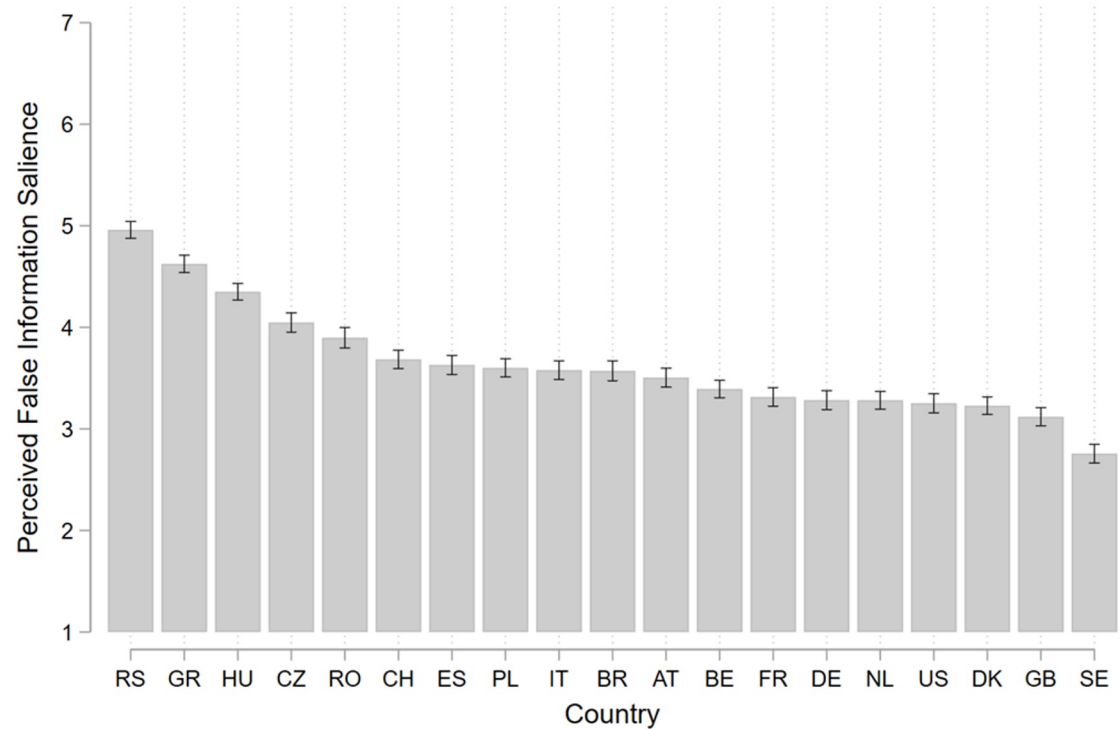
Misinformation as a perceptual problem



RQ: How pronounced are perceptions of false information related to the war among citizens in 19 countries?



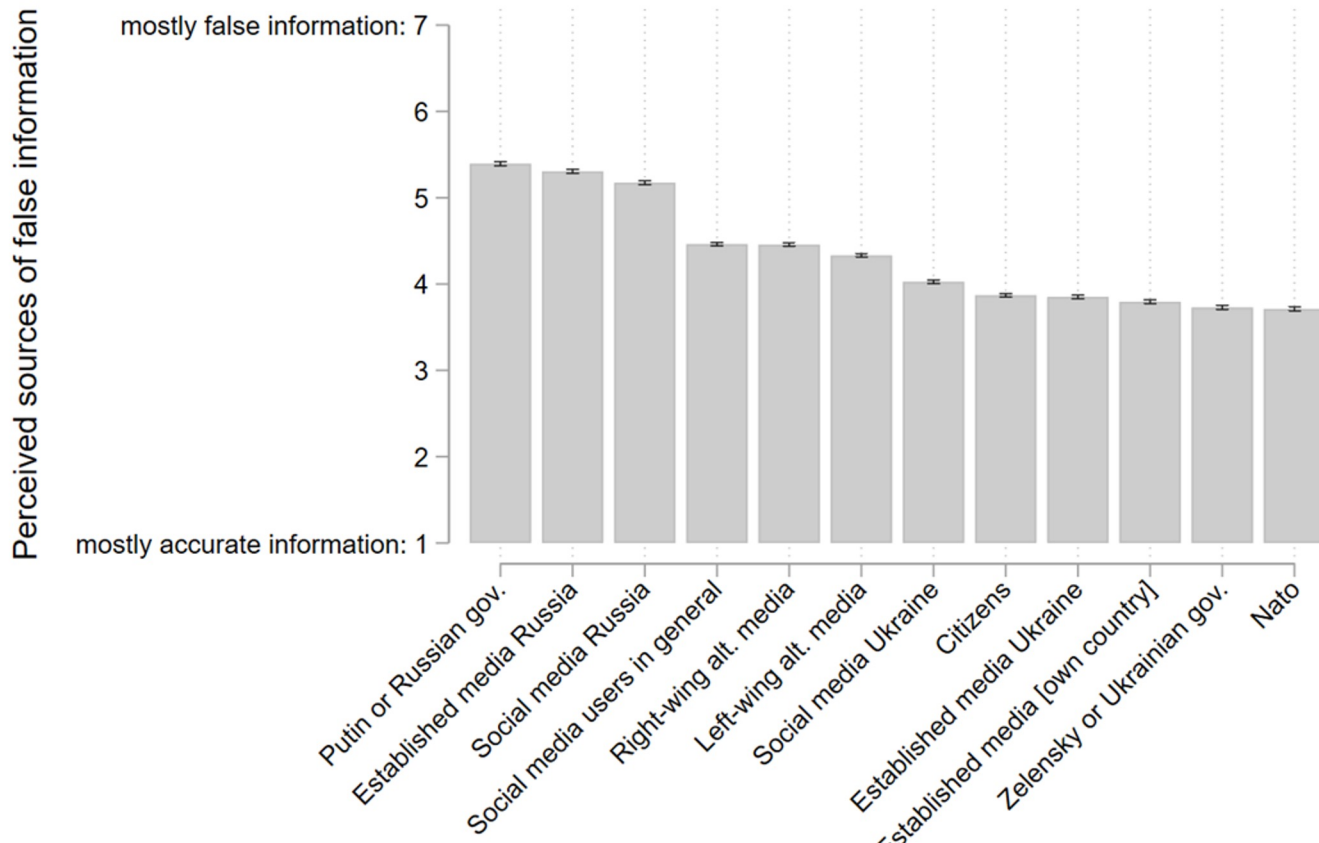
Perceived salience of false information





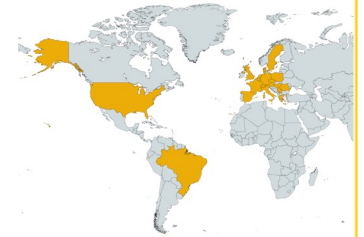
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Perceived sources of false information





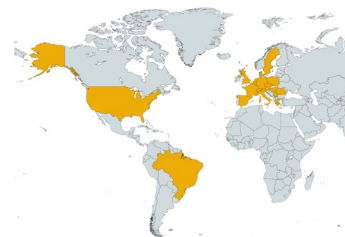
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Misinformation as a perceptual problem

RQ: How pronounced are perceptions of false information related to the war among citizens in 19 countries?

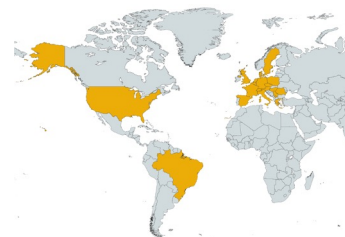
- Concerns about false information across countries
- Goal-driven manipulation > honest mistakes
- “The other” is blamed for spreading false information
- Serbians blame Ukraine
- All other countries blame Russia
- Established news media also face suspicion → legitimacy?



Deception detection

RQ: How good are citizens at discerning false statements from factually accurate statements about the war?

- Fairly good: Average score of 3.19/ 5. Better for anti-Russian statements (3.29).
- Evidence for accuracy motivations (need for cognition) being positively related to accuracy (very small effect).
- No evidence for directional motivations
- No evidence for country-level predictors



Motivations to read fact-checks

RQ: What motivates citizens to read fact-check claims about the war? How does this differ across countries?

- On average participants selected 4 out of 10 fact-checks.
- Evidence for accuracy motivations
- Higher need for cognition & topic importance & uncertainty (very small effect)
- No evidence for directional motivations
- Pattern overall consistent across countries
- No evidence for country-level predictors



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Main outcomes

- Fact-checking overall successful in lowering factual misperceptions (also in line with most evidence)
- Format matters for type of outcomes: truth sandwich more effective in stimulating critical verification intentions
- Deepfakes more difficult to correct: may also require different style of refutation due to inauthentic presentation of materials



Main lessons

- Important to assess goals of corrective information
- Tools need to fit targeted outcome
- Different modalities require different types of argumentation
- Overcoming resistance and backfire effects by making false claims less prominent
- Selection remains a key barrier: find people on the same platforms where they encounter misinformation

Future outlook and trends

- Mis- and disinformation come in different forms across platforms (social media influencers, decontextualization versus fabrication)
- Visual nature and closeness to true facts of deception offers a main challenge for fact-checkers
- Misinformation has no clear fingerprints across the board
- Experts and alternative facts of misinformation presented alongside experts and facts of true news

Future outlook and trends

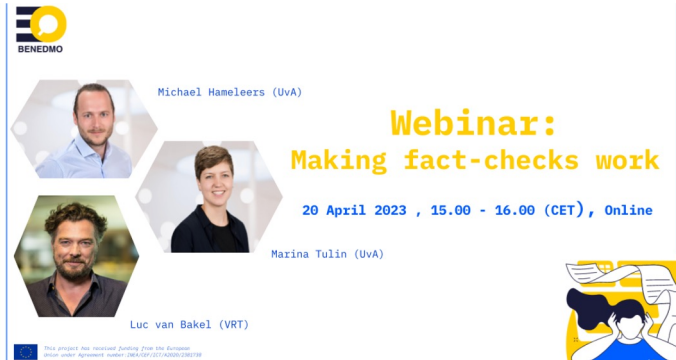
- News audience (younger generations) are moving away from established platforms
- New sources and new ways of incidental exposure to news via opinion leaders and social platforms may change the work of fact-checking
- Even stronger need to experiment with formats that overcome resistance and selective avoidance

The *BENEDMO network*

- BENEDMO has created a network of disinformation experts, so that actors coming from different disciplines can reinforce each other with practical knowledge and scientific insights
- Academics, developers, journalists/fact-checkers, media professionals, media literacy experts and other disinformation experts
- Currently: 211 individuals



Events




Webinar:
Making fact-checks work

20 April 2023 , 15.00 - 16.00 (CET), Online

Michael Hamelers (UvA)
Marina Tulin (UvA)
Luc van Bakel (VRT)

This project has received funding from the European Union under agreement number 101019722 (BENEDMO-101019722)



Webinars, conferences, live networking sessions....





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Monthly newsletter

- 13 newsletters
- Important project updates, input from network members, upcoming events, meet-the-members...

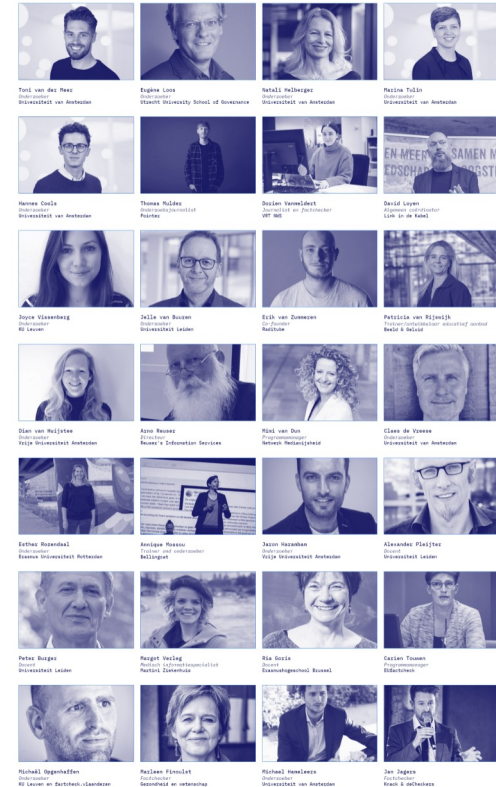




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Expert inventory

- To provide journalists and other stakeholders with a comprehensive overview of disinformation experts, we published the names and contact information of some of the hub's experts on the BENEDMO website





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Media literacy



Reports
(overview of needs
and available
resources)



Training



Interventions

Outcomes to stimulate media literacy

Museum exhibition on elections and disinfo

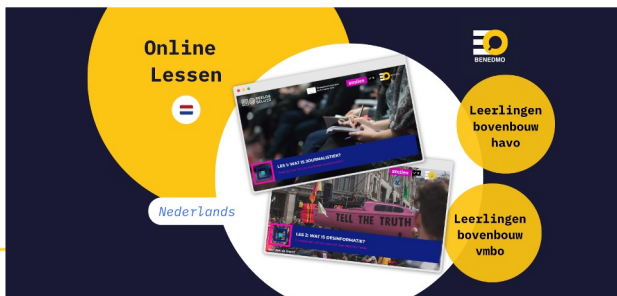


Nieuws | 20.11.2023

(Mis)informatie in Verkiezingstijd – Beeld & Geluid

Op 22 november 2023 zijn er weer Tweede Kamerverkiezingen in Nederland. In de hoosveelheid aan (mis)informatie in verkiezingstijd kan het een uitdaging zijn om te bepalen hoe je jouw stem vormt. Hoe bepaal jij je stem?

LessonUp: ready to use classes for teachers



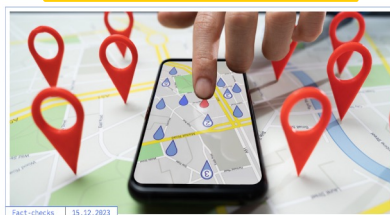
Online Lessen =

Nederlands

Leerlingen bovenbouw havo

Leerlingen bovenbouw vbo

Verification Starter Pack for journalists



Fact-checks | 15.12.2022

Bellingcat's Factcheck Starter Pack

Verifying digital information has become the main pillar of open source digital investigations and it's an essential part of fact-checking. With enough time and proper training, anyone can learn the principles of image verification, which can be a good weapon to defy disinformation. To help you getting started, Bellingcat selected a couple of sources that might be helpful during your verification and research process. These sources can make your work process more efficient and might help with determining topics for fact-checks. Knowing how to verify digital information can lead to important discoveries, slowing the steps of your thorough investigation, which helps build trust with your audience.

- smart use of google and other search engines
- image verification and geo location
- claim finder
- factcheck finder
- tiktok analysis
- And other smart tools

Selection of 24 resources



Online Lessen =

Nederlands

Leerlingen bovenbouw havo

Leerlingen bovenbouw vbo

23 Mediawijsheid interventies

De selectie van BENEDMO: 23 mediawijsheid interventies

Educatieve pakketten =

Nederlands

Angewenst leerplan 15-18

Educatieve pakketten =

Nederlands

Angewenst leerplan 15-18

Educatieve pakketten =

Nederlands

Angewenst leerplan 15-18

Speel =

Nederlands

Angewenst leerplan 15-18

Mobiles =

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Angewenst leerplan 15-18

Educatieve pakketten =

Nederlands

Angewenst leerplan 15-18



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Factcheck marathon

- BENEDMO cross-border collaboration of VRT, Pointer (KRO/NCRV), Algemeen Dagblad, Nieuwscheckers
- Focus on European elections
- Physical gathering at VRT
- Factchecks from 27/5 till 9/6
- Flemish/ Belgian component (non-BENEDMO): Fackcheck.Vlaanderen, deCheckers, Knack & RTBf
- Local and federal elections
- Produce a minimum of 2 fact-checks a day in text, video or audio format





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Celebratory news!



Flemish partners

Partners: VRT, KU Leuven, Textgain, ♥ IMEC Mediawijs ♥

Associate partners: Knack, ♥ De Checkers ♥



Dutch partners

Coordinator: The Netherlands Institute for Sound and Vision

Partners: ANP, Universiteit van Amsterdam, Universiteit Leiden, Bellingcat

Associate partners: Netwerk Mediawijsheid en Pointer



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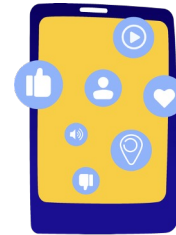
Fact checking en disinfo analyses (VRT)

- Strengthening journalistic collaboration between partners and EDMO hubs



Media literacy campaigns (IMEC)

- AI en News literacy
- Vulnerable groups
- Exchange of resources between BE and NL



Growing and fostering the network (KUL)

- Needs assessment
- Involve societal partners and domain experts (AI, climate, migration etc)



Academic research (UvA)

- Platform policy
- AI



BENEDMO

Stay in touch

→ www.benedmo.eu ←

contact@benedmo.eu



Twitter:
[@BENEDMO_hub](https://twitter.com/BENEDMO_hub)