Technologie en P/CVE

Olivier Cauberghs



Artificial Intelligence that reads between the lines





EOOH dashboard tech roadmap

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DG JUST • REC-RRAC-AG-2020 • PANORAMA 963801

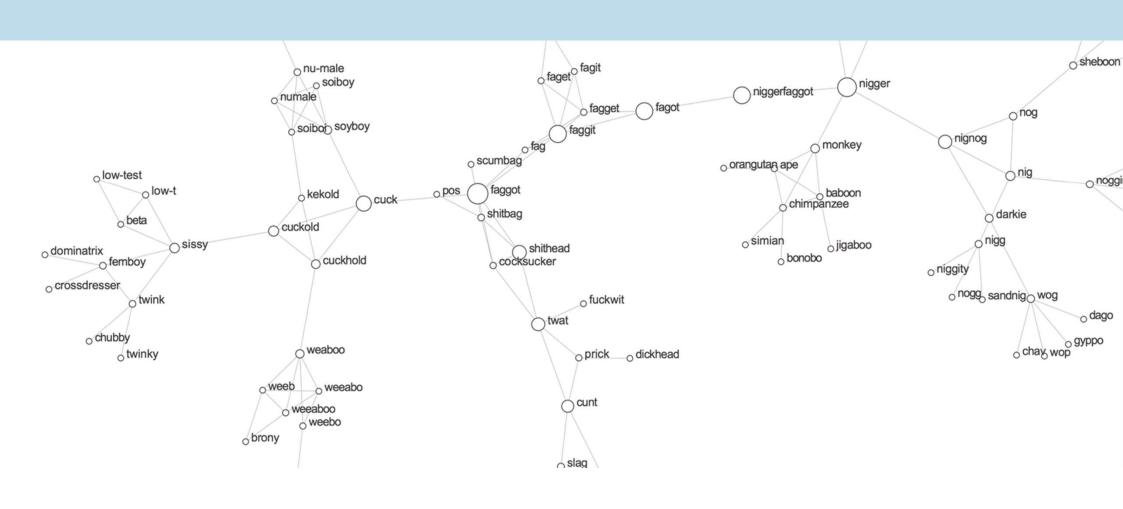
TRANSPARENT AI

- Technology that detects problematic content can help moderators
- Technology that learns by itself (AI) can also be prejudiced however
- That's why Textgain will develop new transparent AI for EOOH
 - compliant with the EU's GDPR privacy regulations
 - compliant with the EU's AI & Ethics recommendations
- For all 24 languages in the EU + Arabic, Turkish and Russian

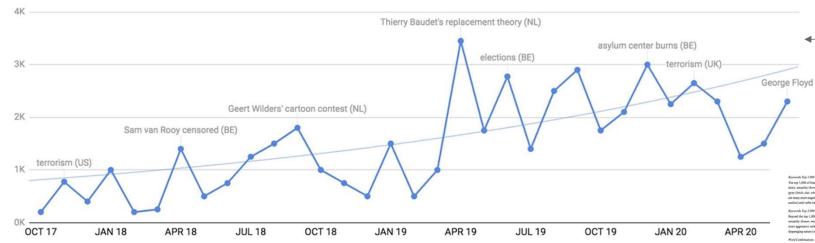
ONLINE TOOL CONNECTS TO PUBLIC APIs (25)



CONTINUOUSLY LEARNS NEW UNKNOWN EXPRESSIONS



ONLINE TOOL GENERATES TREND REPORTS



QAnon: researchgate.net/publication/The-QAnon-superconspiracy

Islamic State: arxiv.org/pdf/1803.04596.pdf

German far-right: organisms.be/downloads/jaki2018.pdf Incels: organisms.be/downloads/incels.pdf



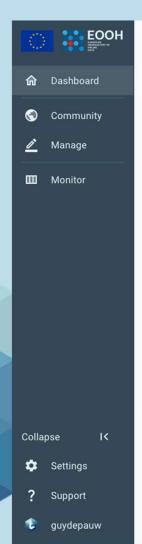
rise of extremism in the lowlands



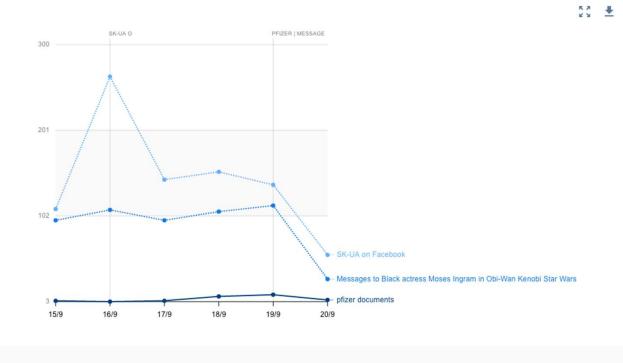
DASHBOARD

European Observatory of Online Hate





Dashboard



Announcements

① New 03 August 15:32

The visibility of toxic words has been improved.

(!) New 26 July 16:02

A bug affecting the 'Not interested' button has been fixed.

New 13 June 14:30

New platforms added: TikTok, Minds, Steam and Google News

New 12 May 14:30

Addition of filters for platforms, keywords and languages.

(!) New 28 January 15:30

"path", "to" & "by" now accept multiple entries.

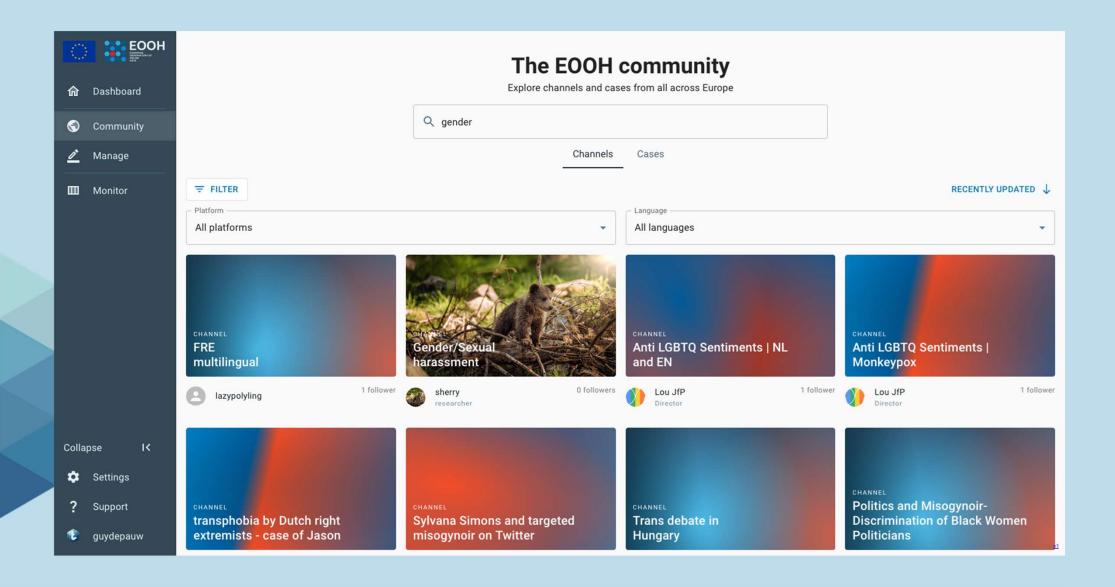
New 28 January 15:30

"path" display bug is now fixed.

(!) New 28 January 12:47

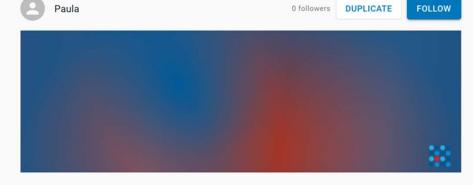
YouTube was added as platform.

<u>v1</u>





← Channels / Twitter: anti abortion



GO TO CHANNEL

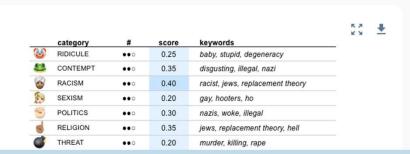
Languages and keywords

Platforms

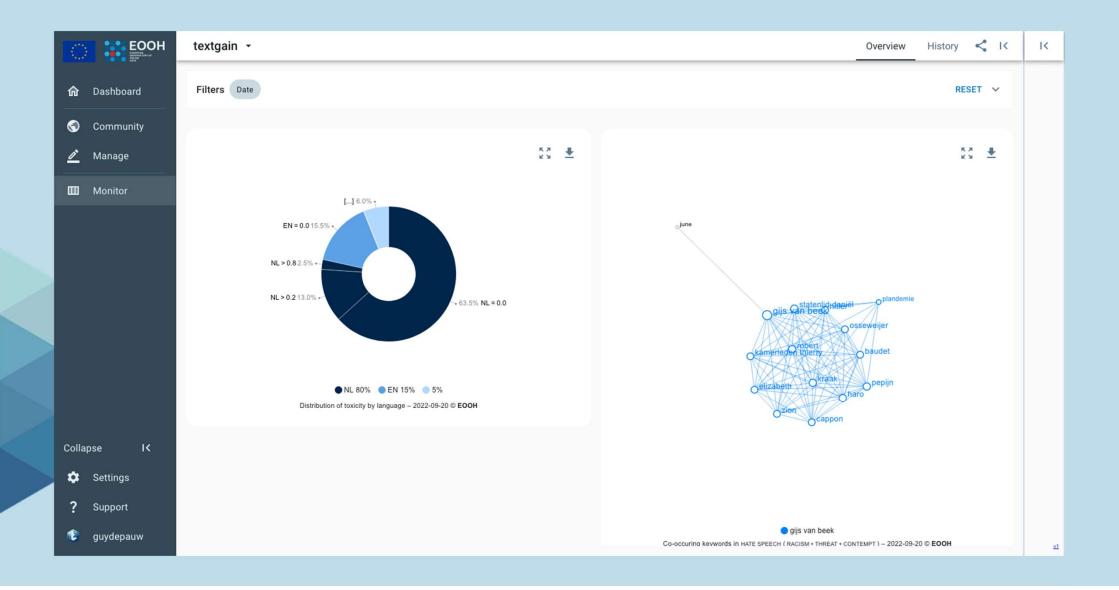
> EN

Status

Urgent



<u>v1</u>



Coming up...

- User manual
- Speed boosts through better hardware
- Secure email pipelines for automated email alerts and weekly digests
- Trending words and phrases

Judaism Islam Refugees hassidic zionist shirk grateful ukr join telegram insult lgbtq+ good kills conquer nwo independence day global agenda exposed reptilian battalion delivering global fascism gassed millions ukie escape jewish massacres politics demonic national army abused girls starved camps chechens trophies systematic effort men jailed malkachan love camps typhus globohomo art camps de-loused

Ukraine

- #crimea
- taiwan
- western globalist
- sovereign development
- zaporizhzhia nuclear
- #visabanforrussians
- nuclear plant
- visa ban

Coming up...

- Theme taxonomy
 - 118 experts
 - 727 channels (532 active)
 - Develop a living theme taxonomy based on the interests of the experts
 - Hands-on pan-European trend analysis
- Local upload of data for analysis



Dataset description

- The dataset has over 550K messages (*n*=558,918).
- These were posted between July 01, 2022 and August 31, 2022.
- Most data was collected from Twitter (80%), Facebook and 4plebs.
- Most messages are written in English (EN, 65%), Dutch (NL, 10%) and French (FR, 5%).
- The average toxicity score is **0.35**, which is quite high.
- About 50K messages (10%) are very toxic, with a score > 0.8.
- Some of these are written in English (EN, 55%).
- For example: ">>391799441 > Chinks vs kikes Chinks are nothing but kike slaves. Globohomo wouldn't be able to exist without chink slave labor. If you want to defeat the Jews, then china must be destroyed." (source: 4plebs).
- Messages that are **very toxic** (> 0.8) are more frequent on Twitter (35%).
- Toxicity often involves RACISM (10%), POLITICS, RELIGION and/or CONTEMPT.
- About 5% of messages involve THREATENING.
- About 2% of messages involve DISINFORMATION.
- The most frequent combination is RACISM + RELIGION.
- Some common toxic keywords include: holohoax, holokauszt, nagyon, tant, scum, jews control, jews hate, latvijā, ježiš, and shitskin.



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