

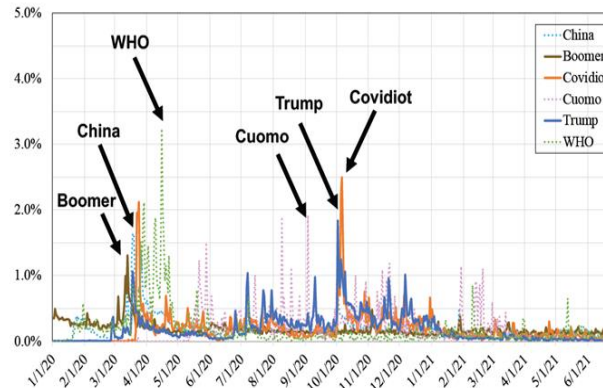
RAPID: Exploring the New Wave of Cyber-Harassment Linked to COVID-19

Challenge:

- Explore cyber-harassment related to the COVID-19 pandemic

Solution:

- Collect COVID-19 dataset of over 507 million tweets for 18 months
- Fine-tune BERT classifier to classify tweets as offensive or non-offensive
- Analyze offensive tweets and users to understand how trends and targets of offensive tweets changed over time



Scientific Impact:

- Create a large-scale multimodal dataset of COVID-19-related cyber-harassment
- Develop machine learning methods to understand facets of cyber-harassment
- Offer insight into whether COVID-19-related cyber-harassment becomes ubiquitous

Broader Impact & Participation:

- Offer insight into origins of cyber-harassment
- Shed light on responses to unexpected societal crises
- Train students to address social problems
- Disseminate knowledge from project in various settings

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