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ANTI-VAXXER MYTHS

NLP Final Project

Miki Dash

- Introduction of **synthetic mRNA** via the COVID-19 vaccine is designed to change everybody's DNA
- DNA antenna responds to a new (artificial frequency)
 - Command and control center ...Smart Grid in the Cloud
- The COVID vaxxed transmission of this frequency
 - Effects vaccinated and unvaccinated people
- Causing those around them to suffer strange symptoms
 - Migraines
 - Nose-bleeds,
 - Bruising
 - Bloating
 - Period pain
 - Serious irregularity with menstruation

HUMAN ANTENNA – BROADCASTING THE VACCINE FREQUENCY

- Data Source
 - Kaggle Dataset, subreddit Anti-Vaxxer Myth forum (Canadian users)
- Data Description: 1581 Rows
- Python
- NLTK
- Topic Modeling
 - Non - Negative Matrix Factorization
 - Vectorization
 - TFIDF
- WordCloud
- Sentiment Analysis
 - TextBlob

DATA & TOOLS

TOP EIGHT TOPICS (NMF)

Covid- 19 approved ;
vaccines are safe

Anti-Vaxxer accused
of acting in bad faith
for questioning pro-
vaccine participants

Chicken pox vaccine
and adult chicken
pox

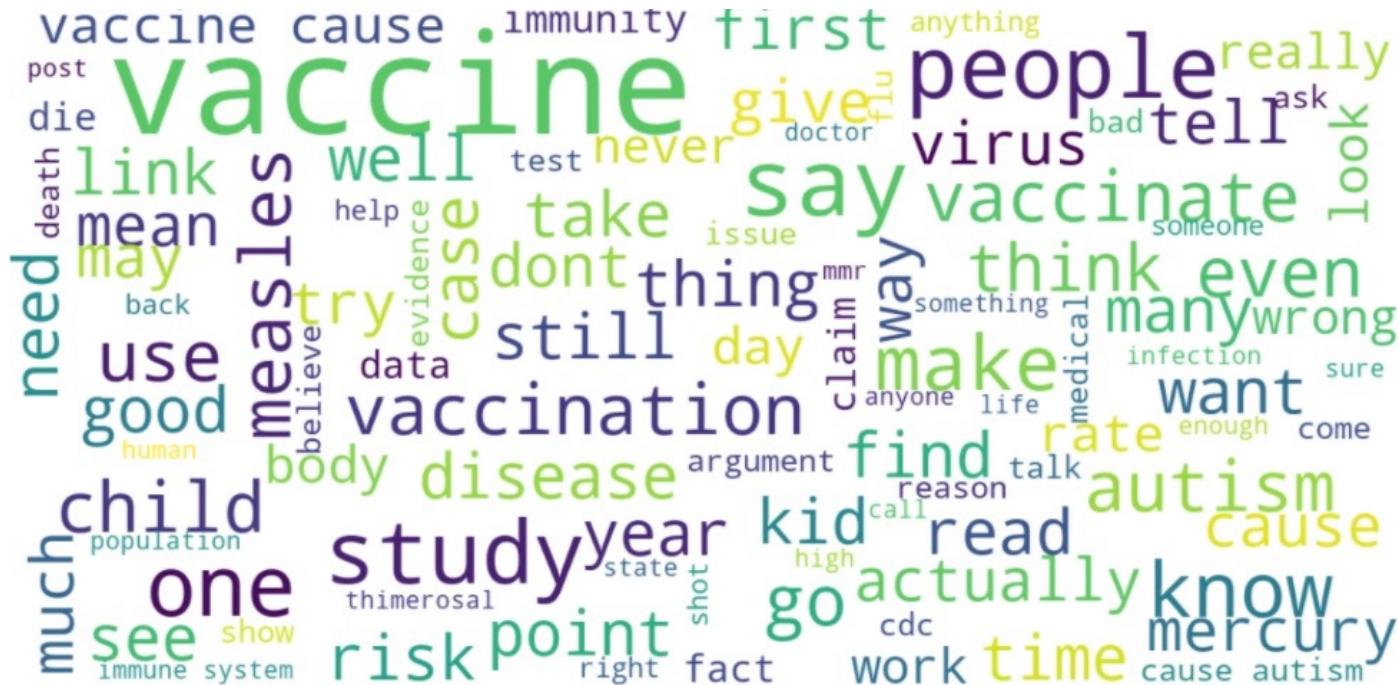
Anti-vaxxer
harassment

Bud (Be careful,
Bud...Listen, Bud, My
Bud)

Disease outbreak
when unvaccinated

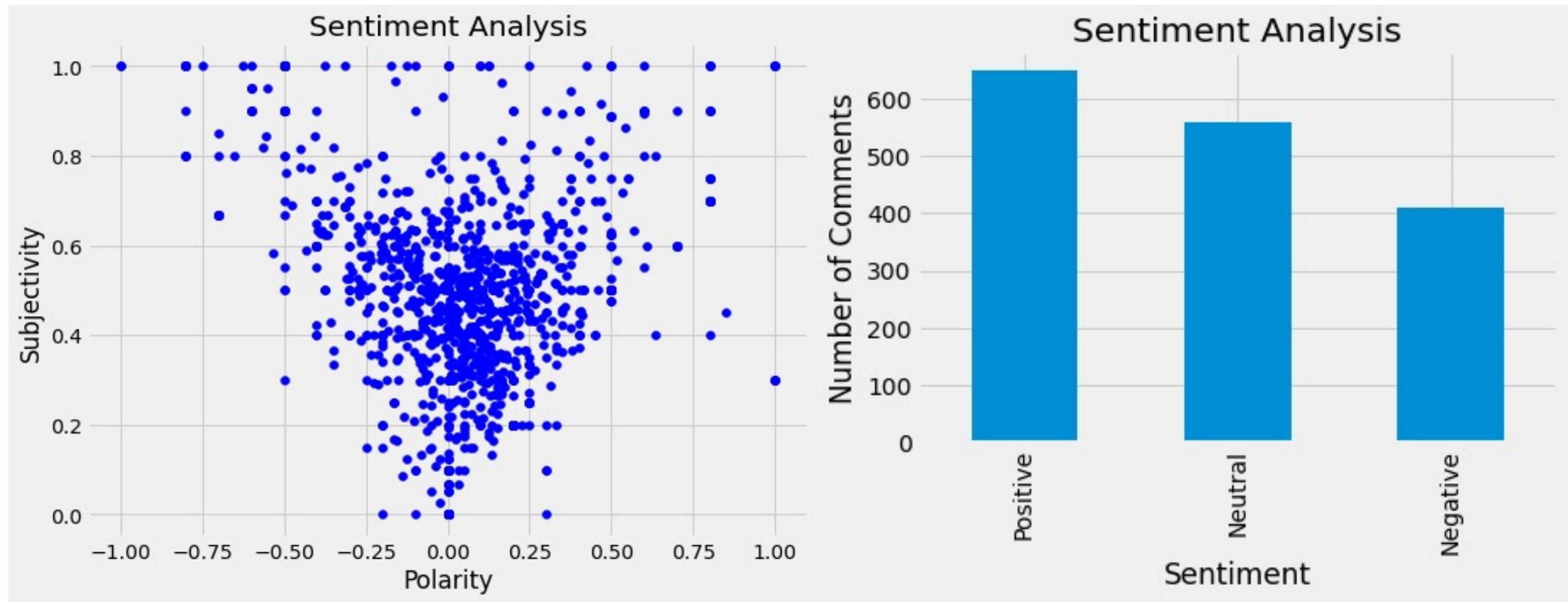
Studies show
vaccines cause
autism

Safety of small
amounts of mercury
and thimerosal



MOST IMPORTANT WORDS IN THE DOCUMENTS

SENTIMENT ANALYSIS

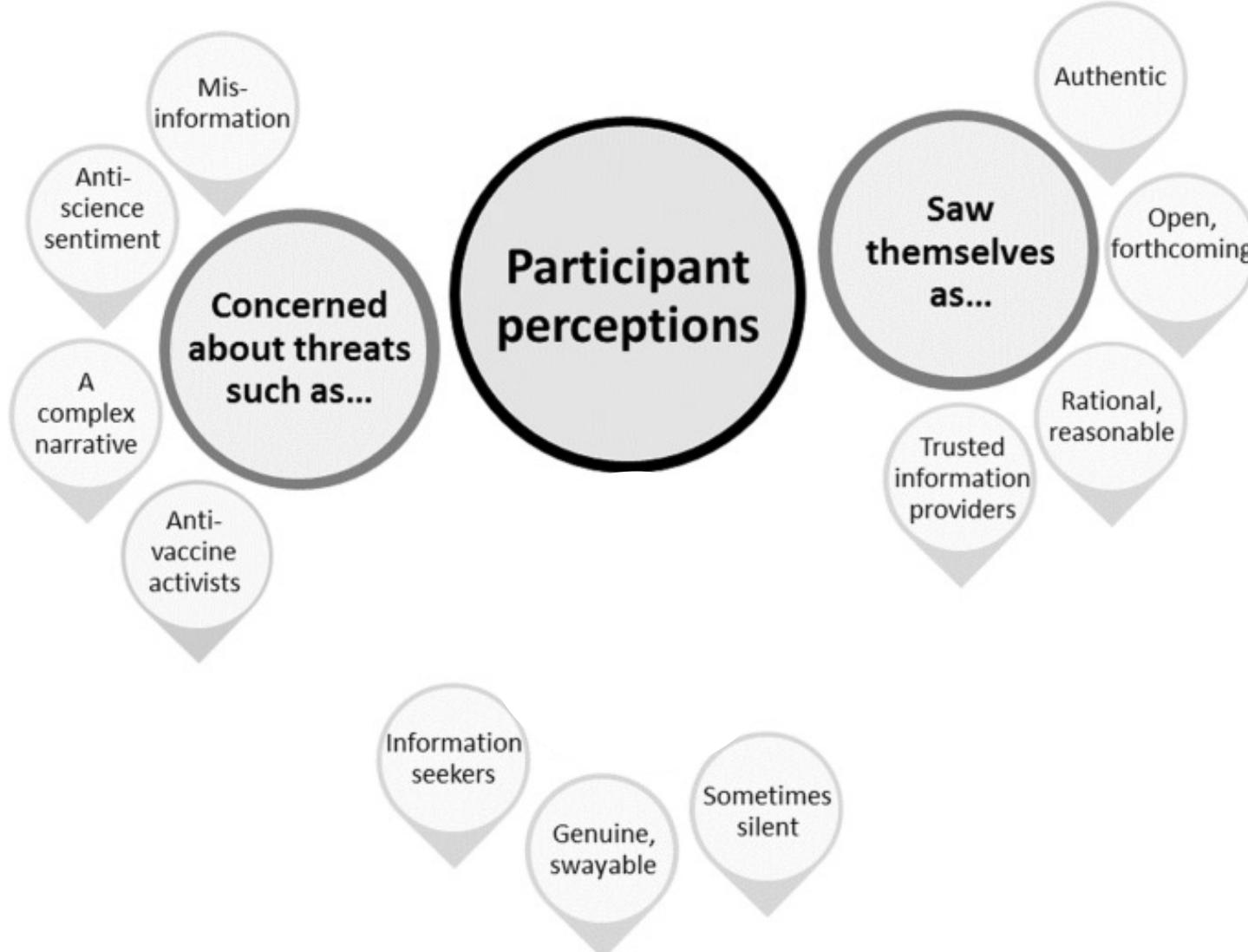


TOP 10 POSITIVE COMMENTS

- canada vaccination passport near certainty say bio-ethicist
- inject aluminum absorbed
- vaccine debate group just start you're interested joining
- antivax nonsense nothing new
- great article myth vs fact covid vaccine
- mortality rate vaccinate unvaccinated child right
- vietnam's vaccine nanocovax effective variant university Vietnam currently work four vaccines produce nanogen institute vaccine medical biologicals
- scientifically proven verify establish fact immediately shut argument uneducated anti-vaxxer post contains facts help win vaccine debate
- parent get dos Chinese covid vaccine pfizer come recently still take pfizer vaccine well much time gap keep
- official confront challenge get public take covid vaccine new abc news/ipsos poll release monday find american plan get vaccine either immediately available eventually signal grow confidence vaccine

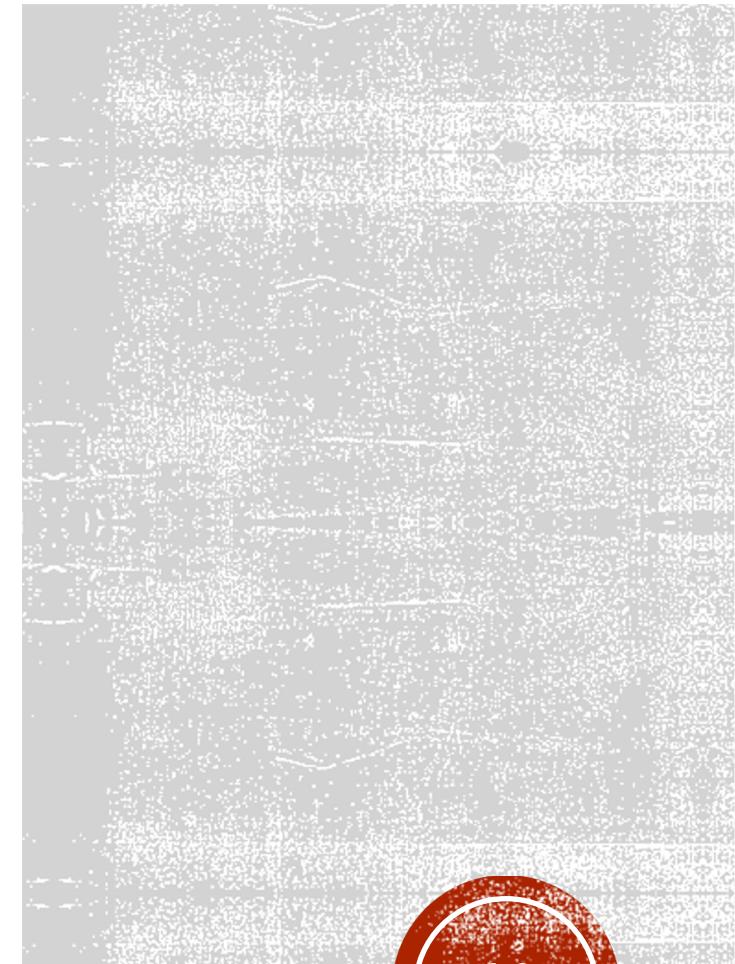
TOP 10 NEGATIVE COMMENTS

- canada pfizer extremely committed meeting vaccine delivery target
 - common argument autism work
- f**k anti-vaxxing retard
 - people say vaccine bad vaccine covid whole world f***k
- expect see vaccine start slow pandemic
 - common vaccine fallacy avoid
- homeopath scam practitioner peddle dangerous myth
 - can't fix stupid
- felt need question anti vaccine page spread misinformation dangerous time pandemic
 - beware vaccine contain deadly chemical call dihydrogen monoxide



OBSERVATIONS

THANK YOU



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