

AN ANALYSIS ON US POLITICAL DISCUSSIONS ON REDDIT

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DATA COLLECTION



Data Scope

US political discussions on Reddit



Selection of Subreddits

Capture influential communities



Temporal Coverage

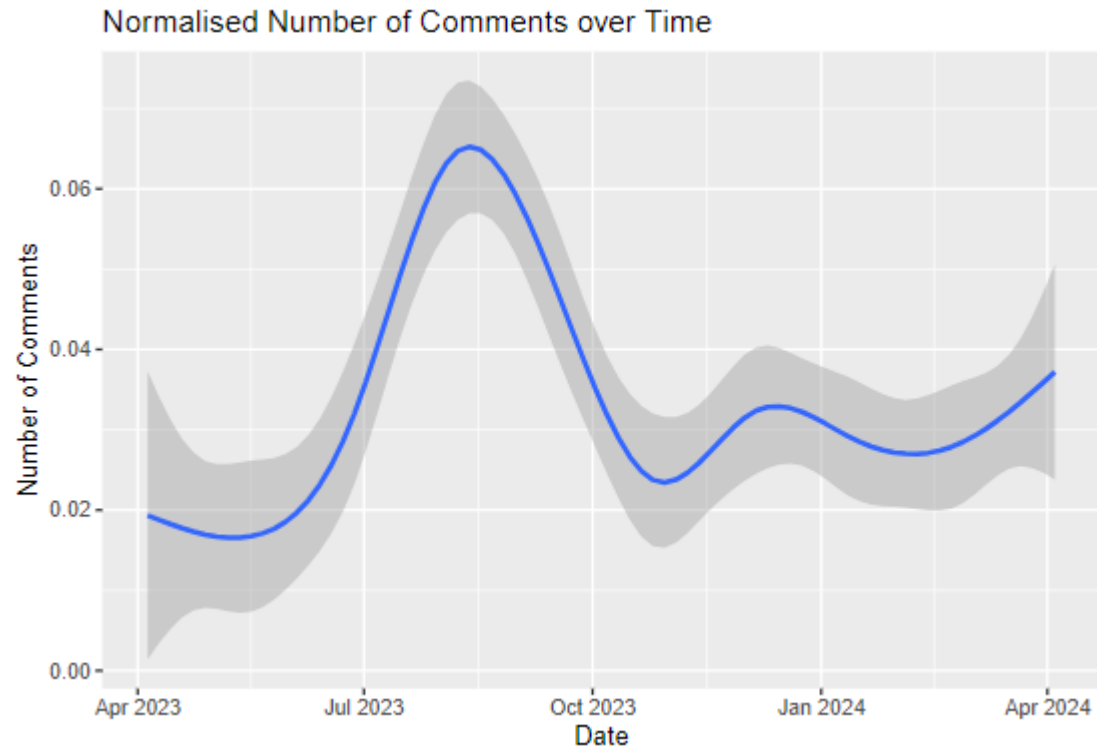
Immediate trends and persistent topics



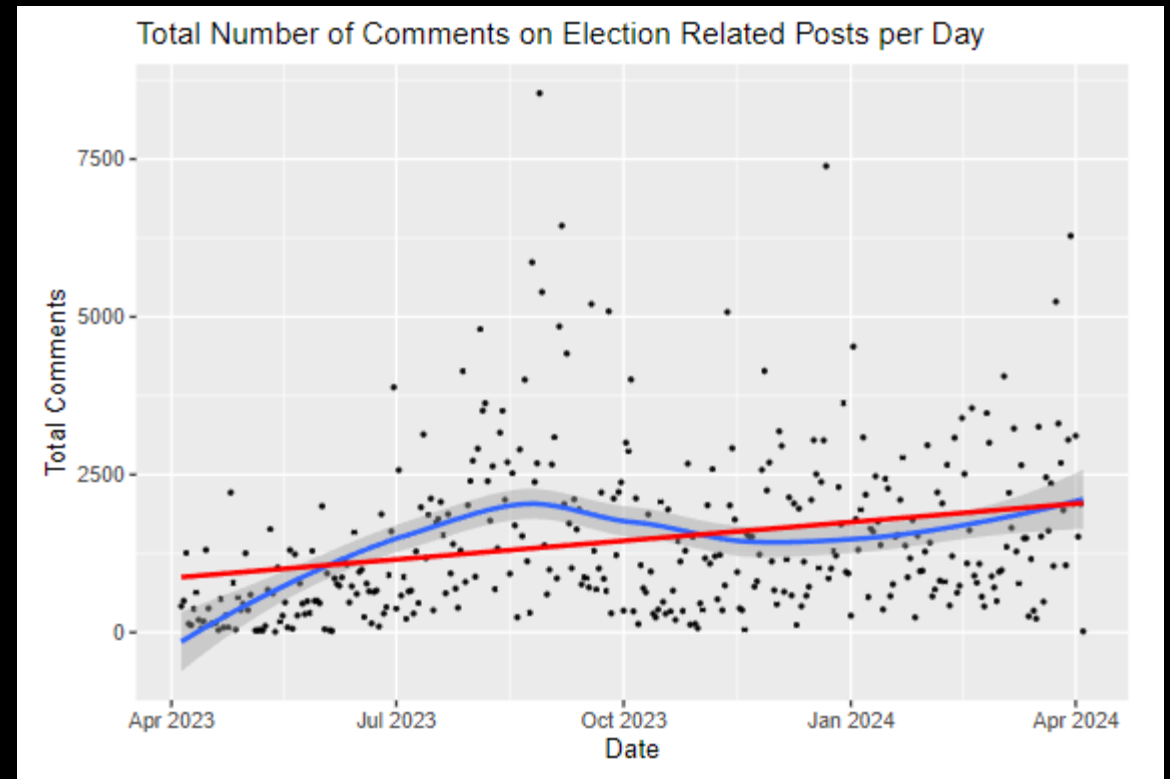
Enhanced Post Information

Unify and enrich insights across the dataset

PLOTS - LINEAR MODELS

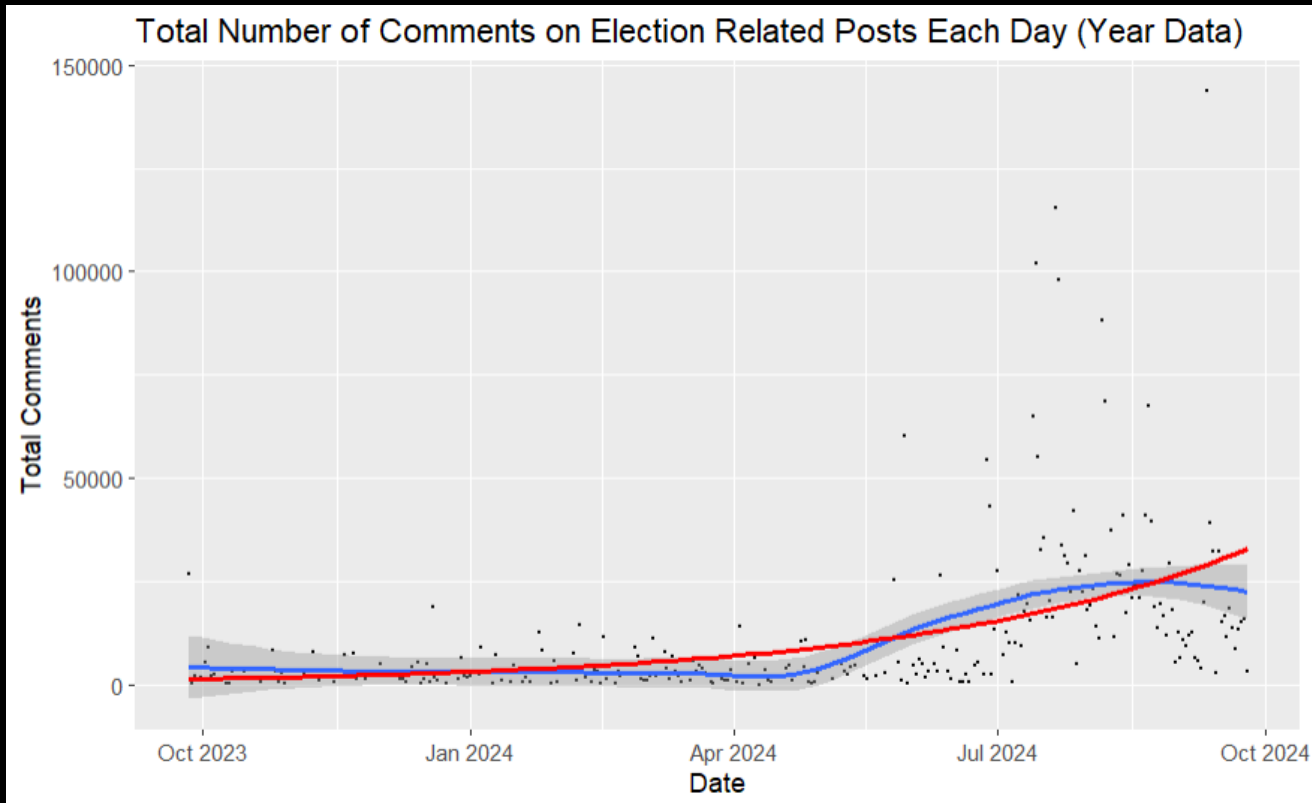


Plot of Normalised
Number of Comments
on Posts Based on Date



PLOT - POISSON MODEL

4



Plot of Total Comments on Each Day
(fitted with a Poisson Regression Model)

NETWORK ANALYSIS



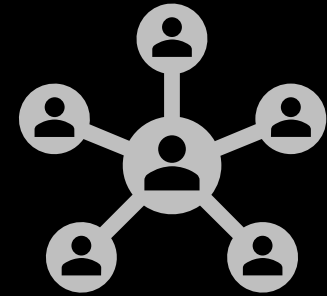
Communities

Discover similar
thinking groups
of people



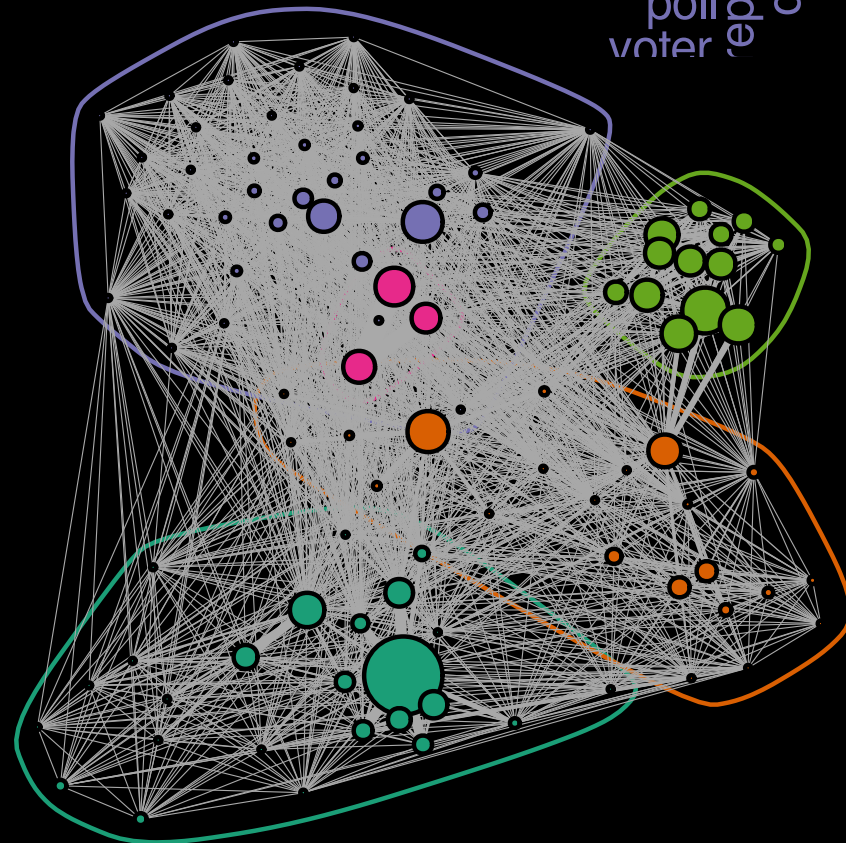
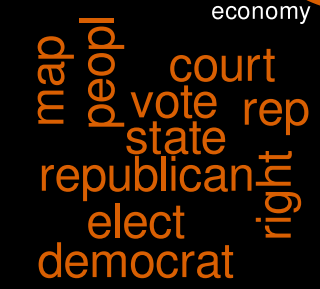
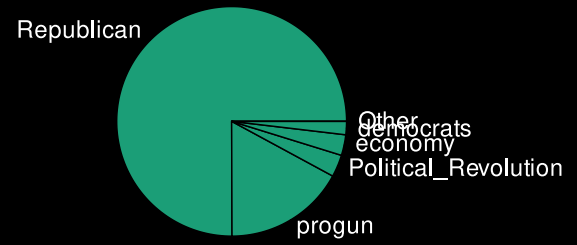
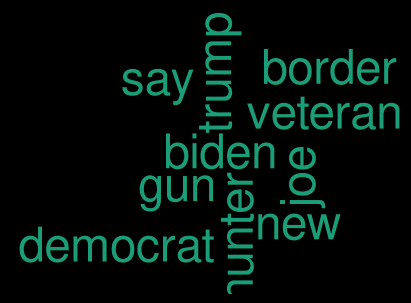
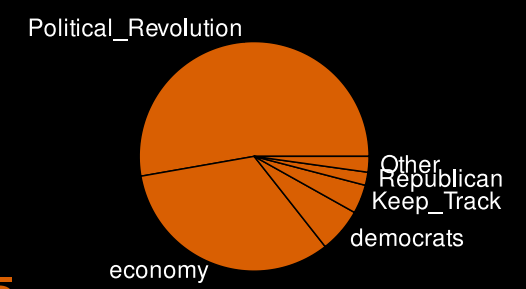
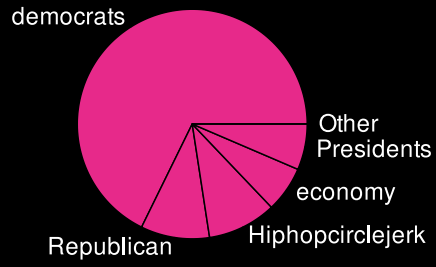
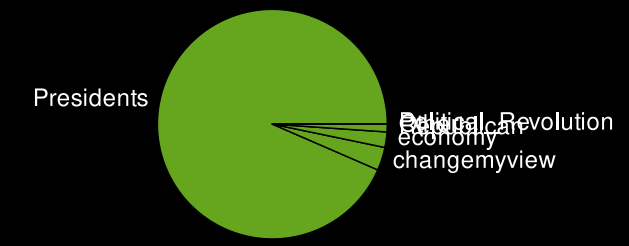
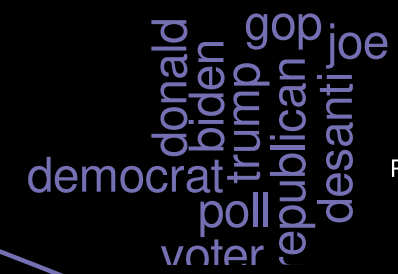
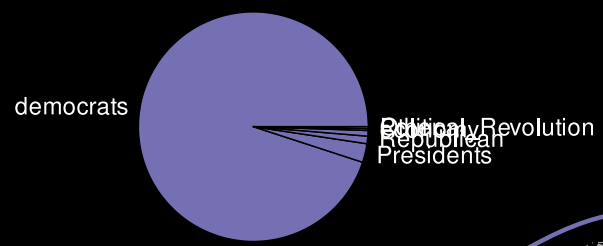
Topics

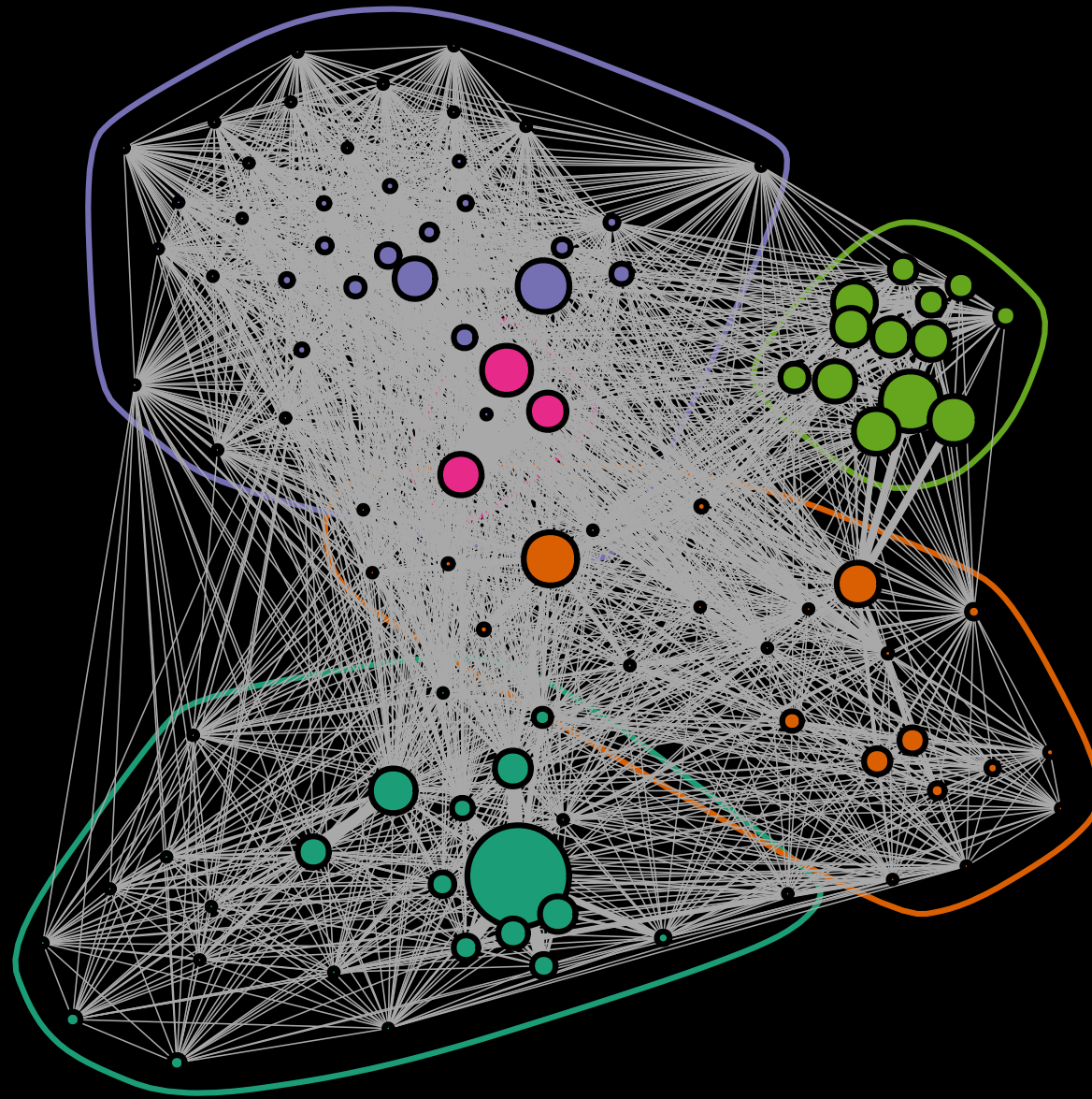
Gain insight into
topics of
discussion in
communities

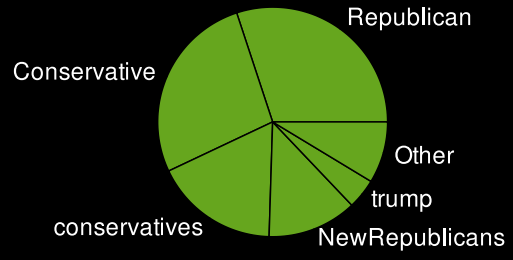


Central users

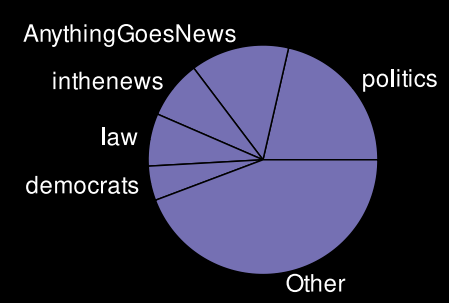
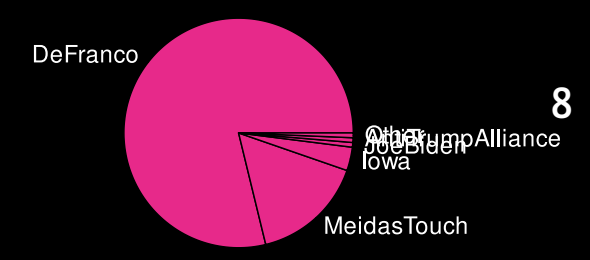
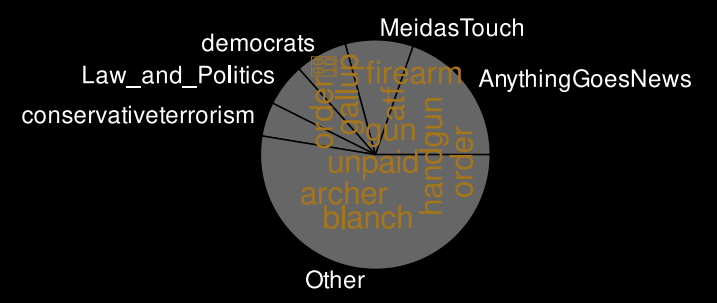
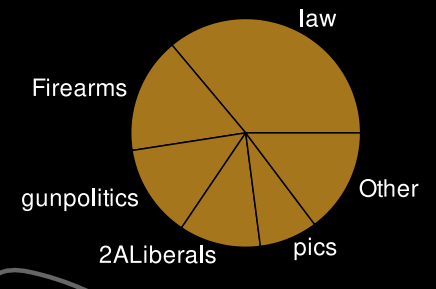
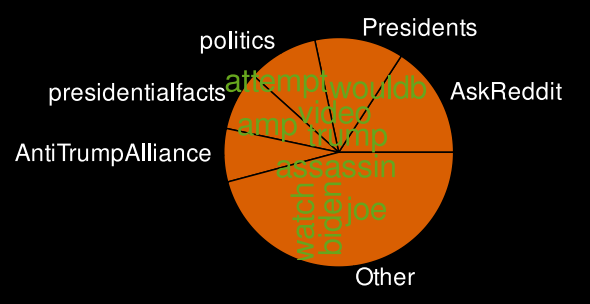
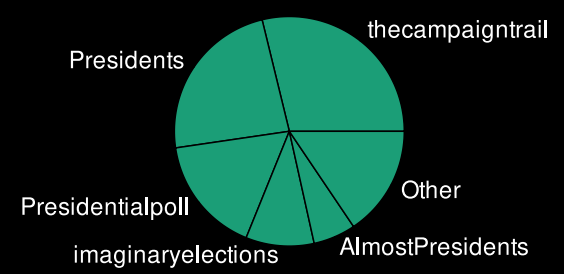
Discover central
users within
communities



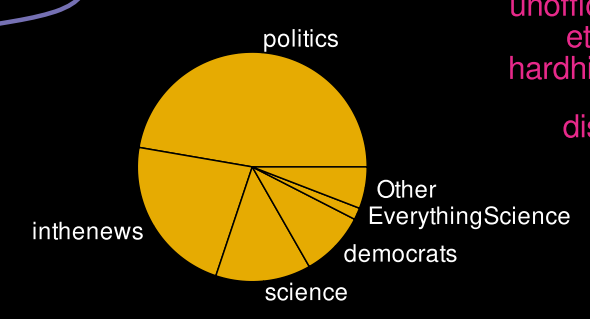




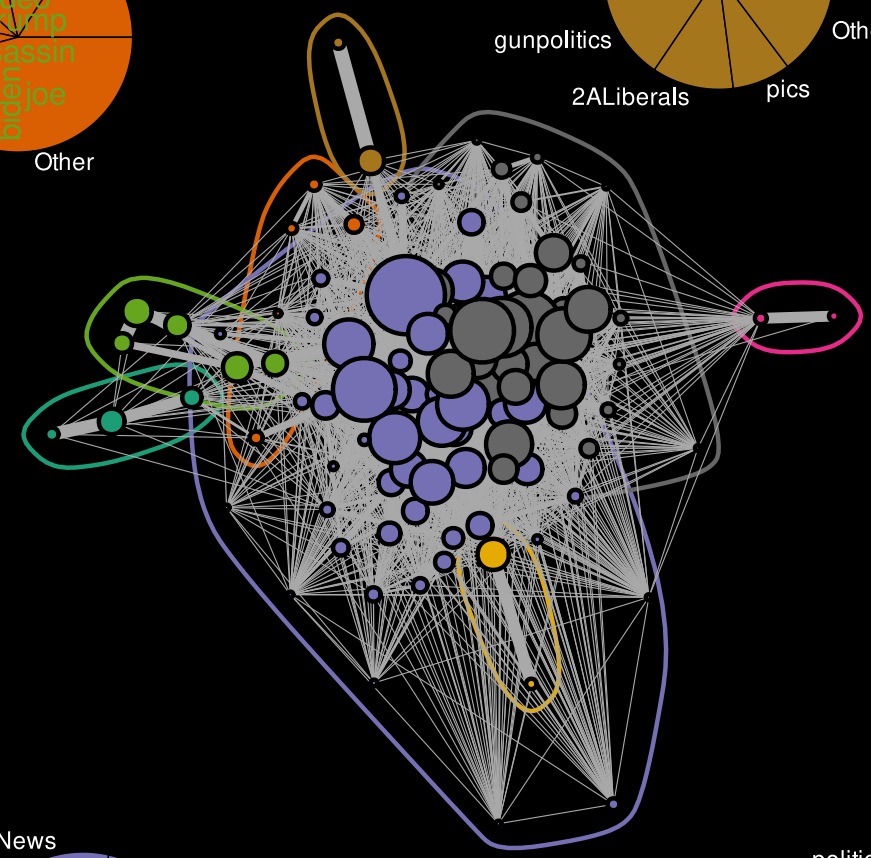
democraticrepublican
brown presid
john poe
howev adam
polk
war
reconstruct



trump
volcan
christi
research
dyson
perceiv
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jessica
denson
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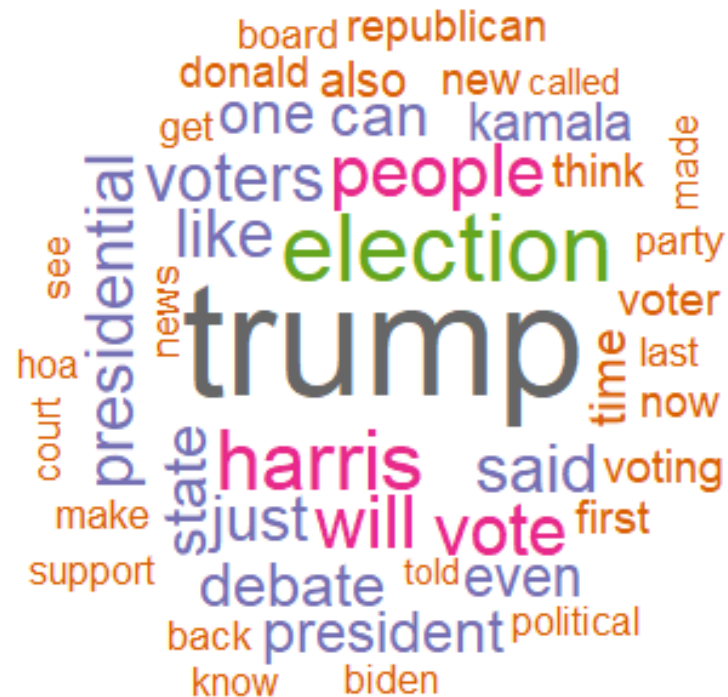


K-MEANS CLUSTERING

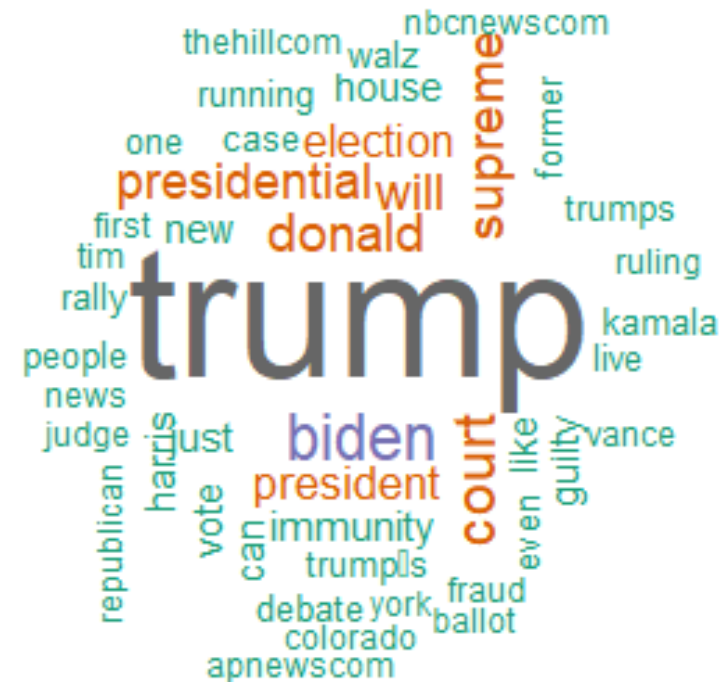
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6509	4	13	3	1	11	1	68	202

1	2	3	4	5	6
1	6664	1	237	13	12

YEAR WORD CLOUD

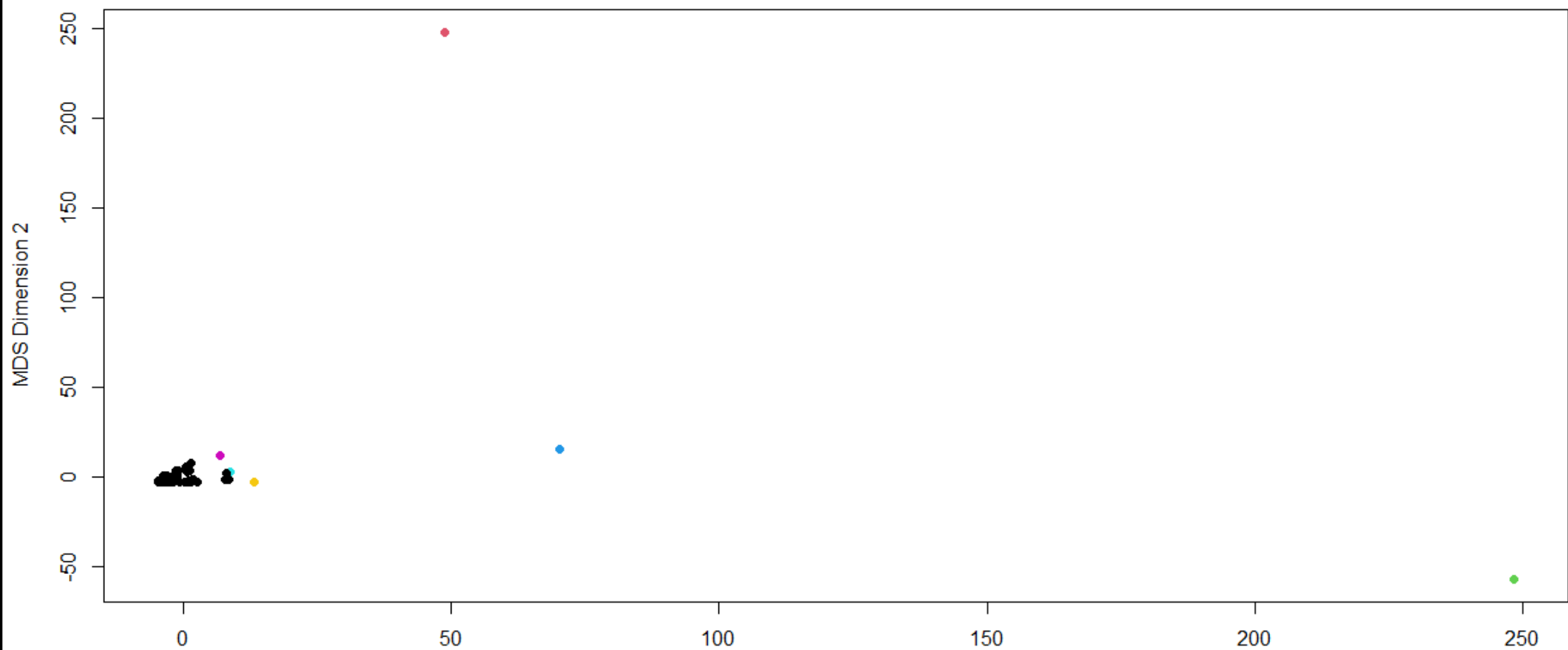


CLOUD



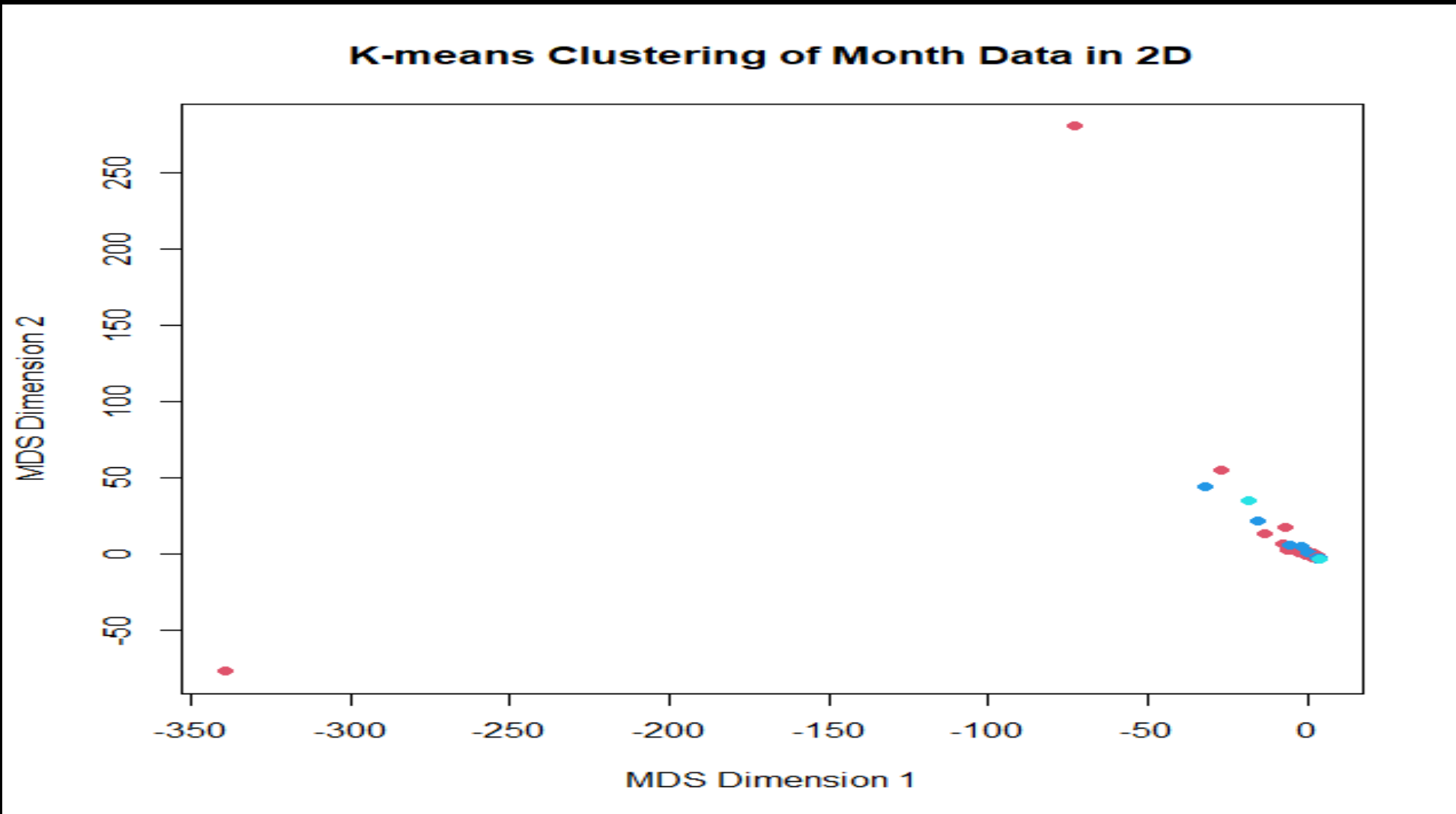
[illegible]

K-means Clustering of Year Data in 2D



YEAR DATA

MONTH DATA



CONCLUSION