

Analyzing Social Distancing During the COVID-19 Pandemic

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Provided Hashtags and Keywords

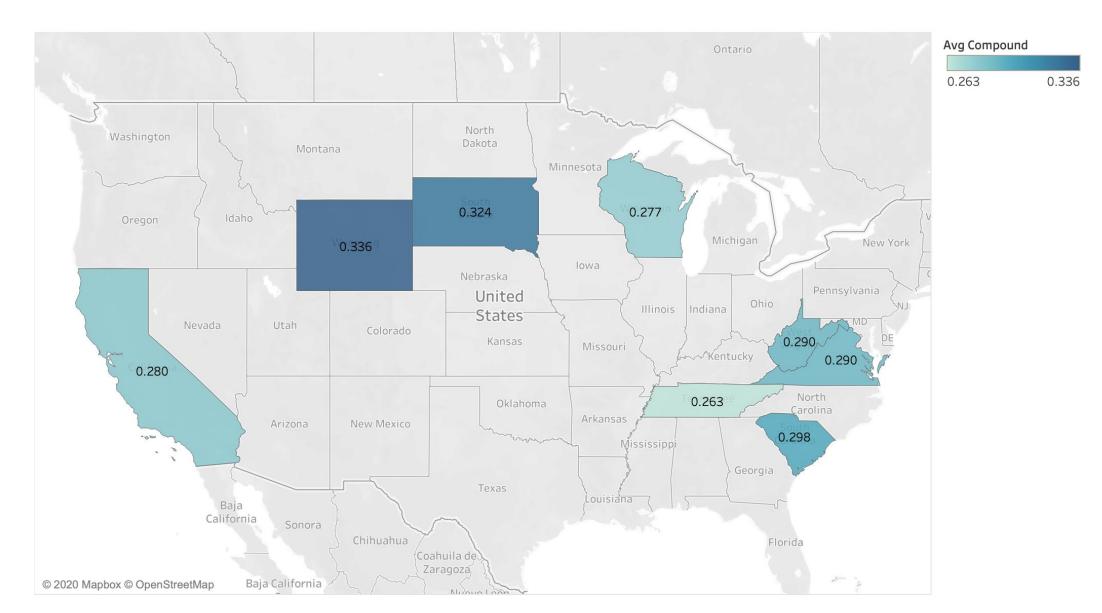


- •#socialdistance
- •#flattenthecurve
- •#stayhome
- •#stayhomestaysafe
- •#lockdown
- •#quarantinelife
- •#stayhomesavelives
- #takeresponsibility
- •#breakthechain

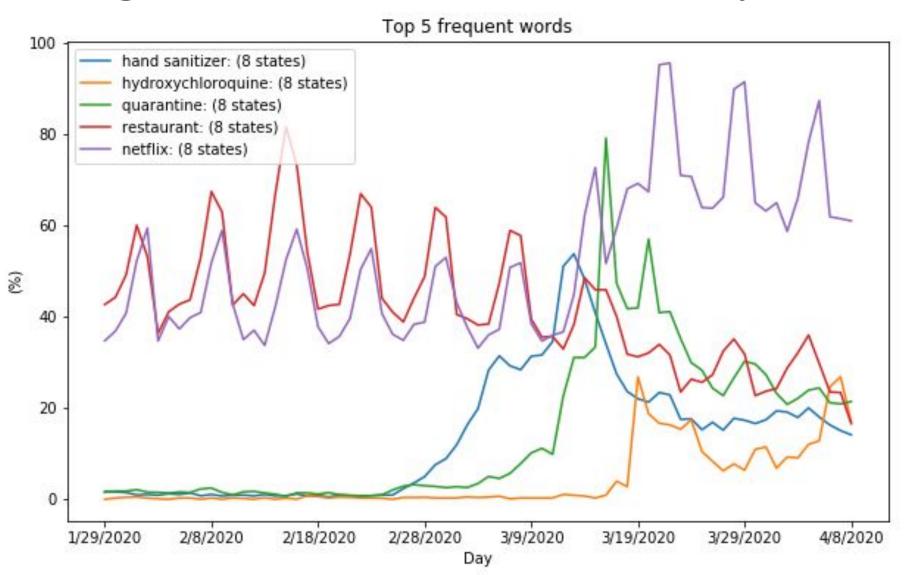


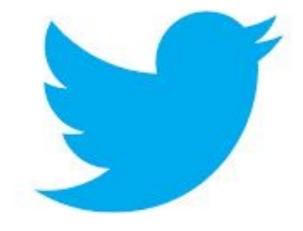
- Hand sanitizer
- Hydroxychloroquine
- Quarantine
- Restaurant
- Netflix

Twitter Sentiment Analysis on Provided Hashtags



Google Trends on Provided Keywords



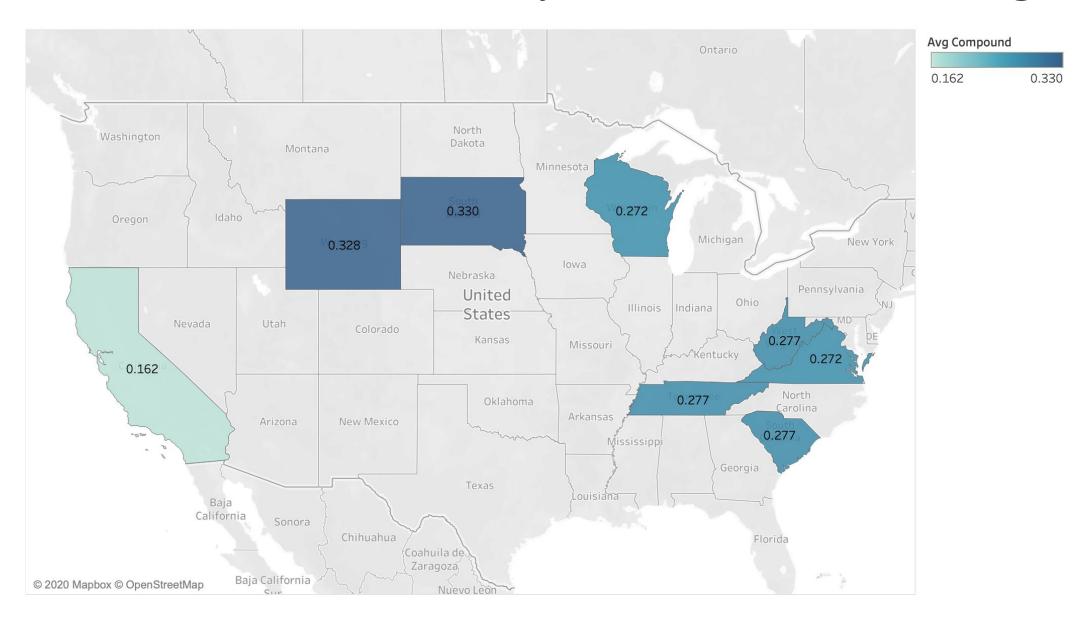




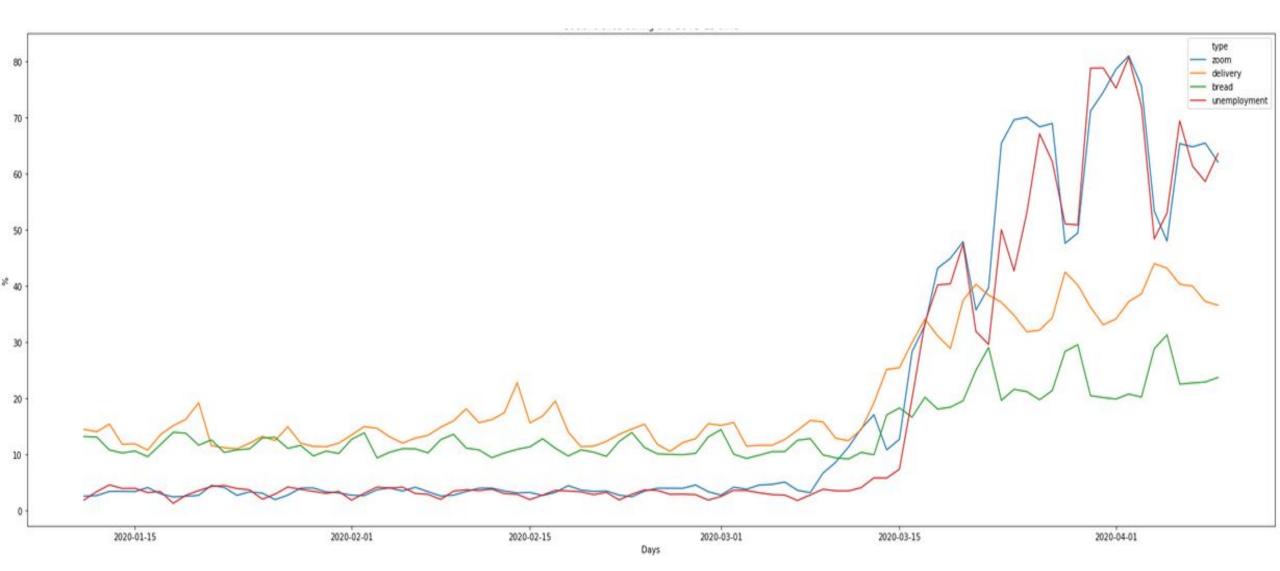
Extra Keywords and Hashtags

- Bread
- Delivery
- Zoom
- Unemployment

Twitter Sentiment Analysis on Extra Hashtags

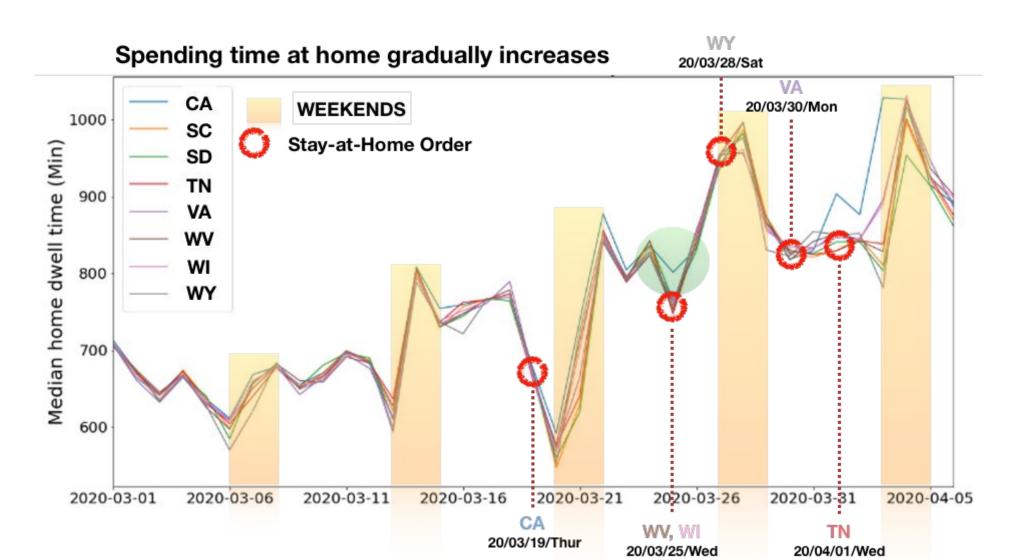


Google Trends on Extra Keywords



SafeGraph Data: Home Dwell Time

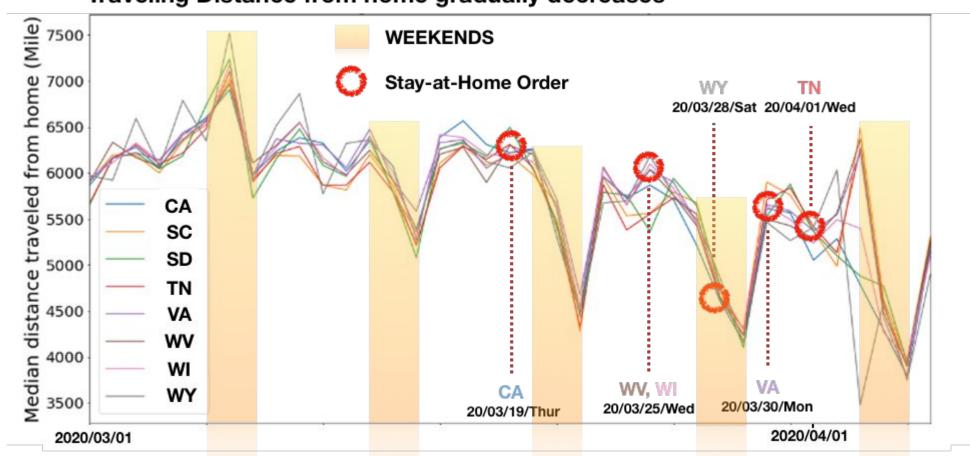








Traveling Distance from home gradually decreases



Summary

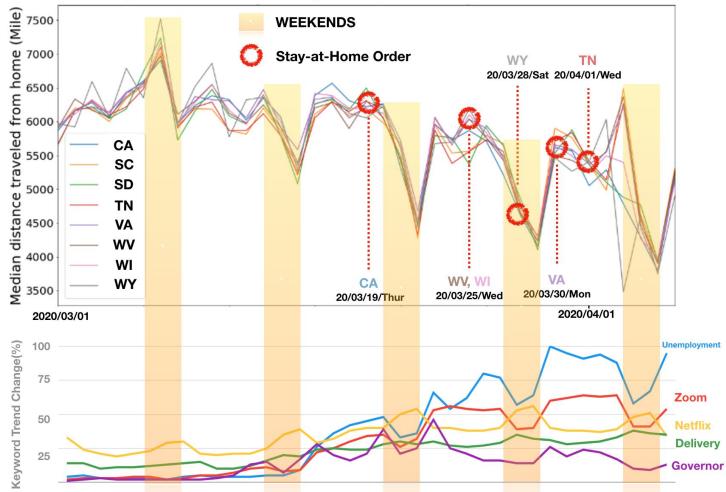
Increasing trends

- zoom, netflix
- home dwell time
- unemployment

Decreasing trends

travel distance from home





Future Work

- Get more Twitter data with Premium API
- Spend more money on Google Ads
- Use other social networks API like Reddit or FB comments
- Relate trends to COVID-19 patterns in states
- · Causal relationship before and after 'state-at-home' order