COVID-19 & Adoption of Virtual Education

Assesing Urban and Rural Concerns

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Background & Research Question

- How to we convince people to shift to online classes?
- Are barriers to online schooling the same in rural and urban communities?
- Bartels (2005), Cramer and Toff (2017)

Hypotheses

- Independent variable: individuals' mentioning of schools in their tweets
- Dependent variable: the issues raised by either rural or urban residents as a barrier to online educational provision
  - Rural: broadband
  - Urban: parents working from home

Hypotheses:

- H_1 = Rural and Urban concerns about working from home differ.
- H_{1a} = Rural concerns will be related to broadband access
- H_{1b} = Urban concerns will be related to parents'

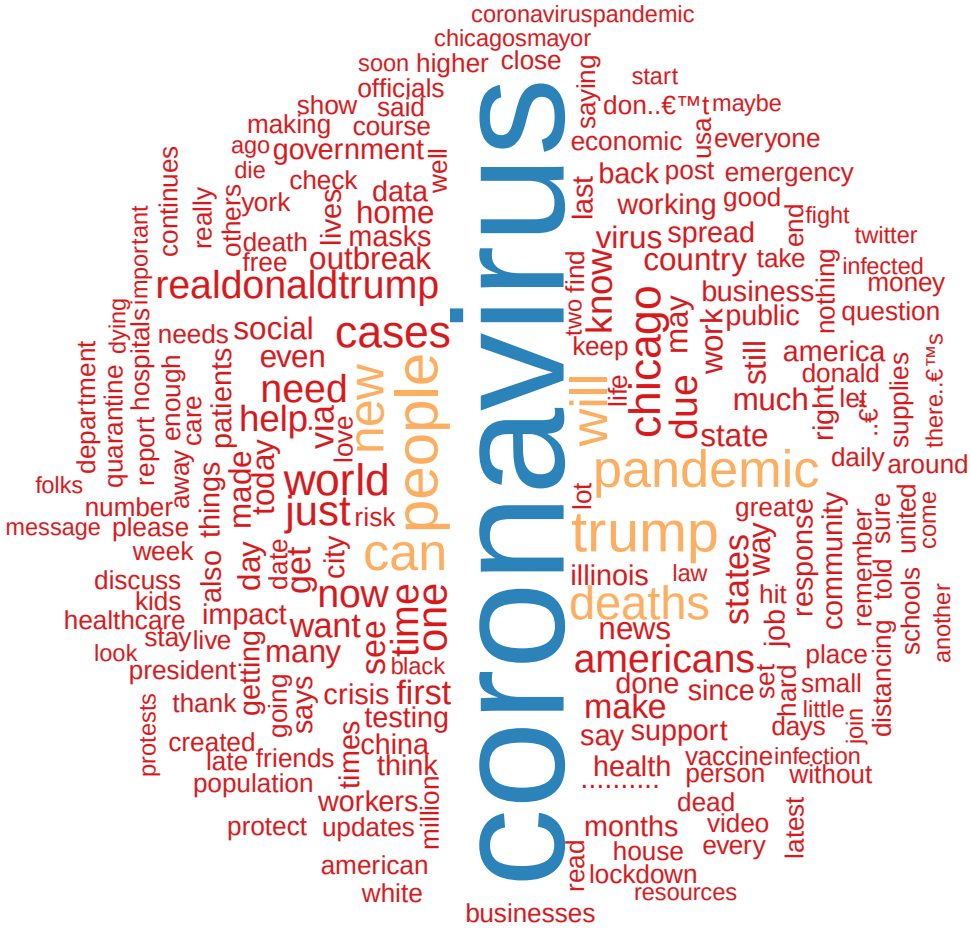
Data

- Tweets collected by MIT Media Lab

Method

- Tweets
  - Descriptive Stats
  - Red State vs Blue State

Preliminary Results



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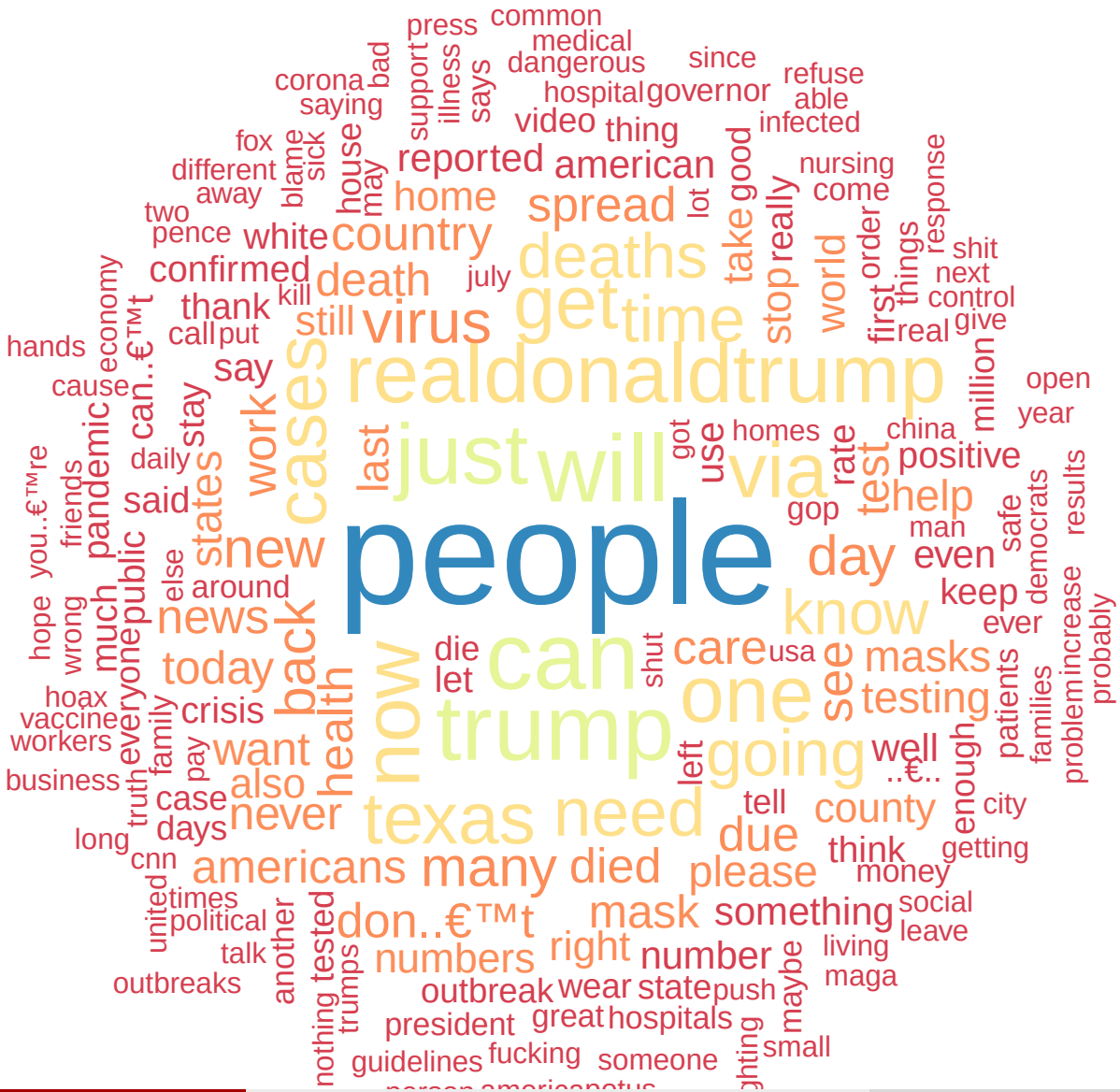
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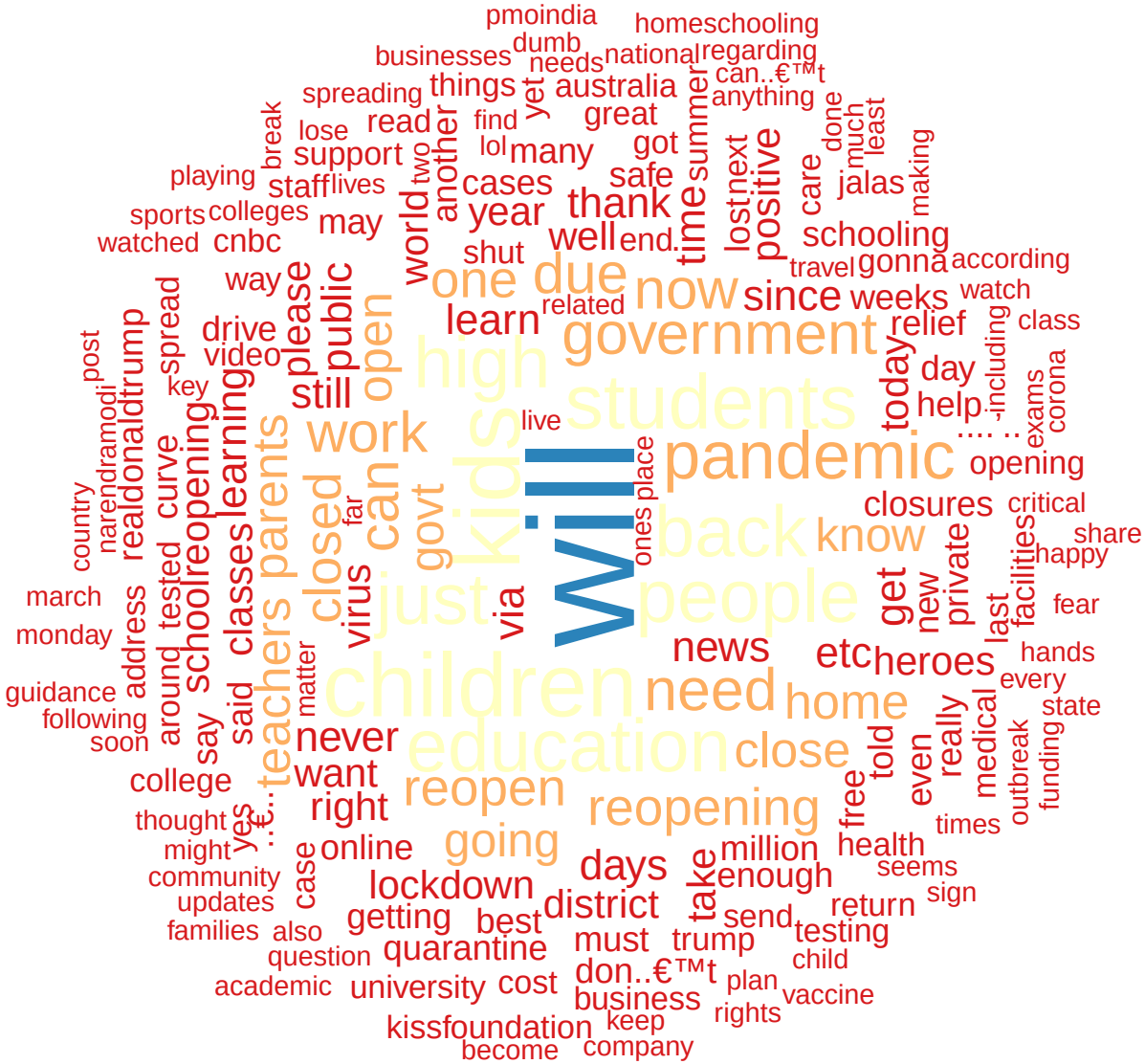

Discussion & Conclusion

Top Words:

- Work
- Trump
- Heroes, Parents, teachers

Revisions:

- Red vs Blue States
- Red States more difficult - less twitter and more tweeting from their urban centers