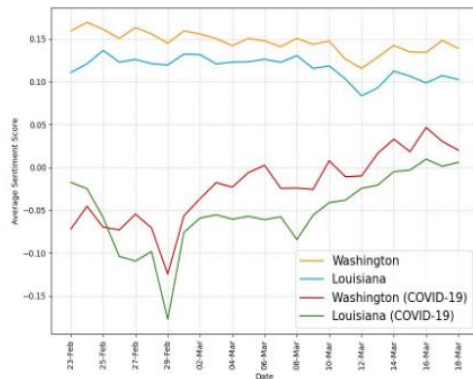


RAPID: Investigating Public Health and Social Information Disparities During the COVID-19 Pandemic

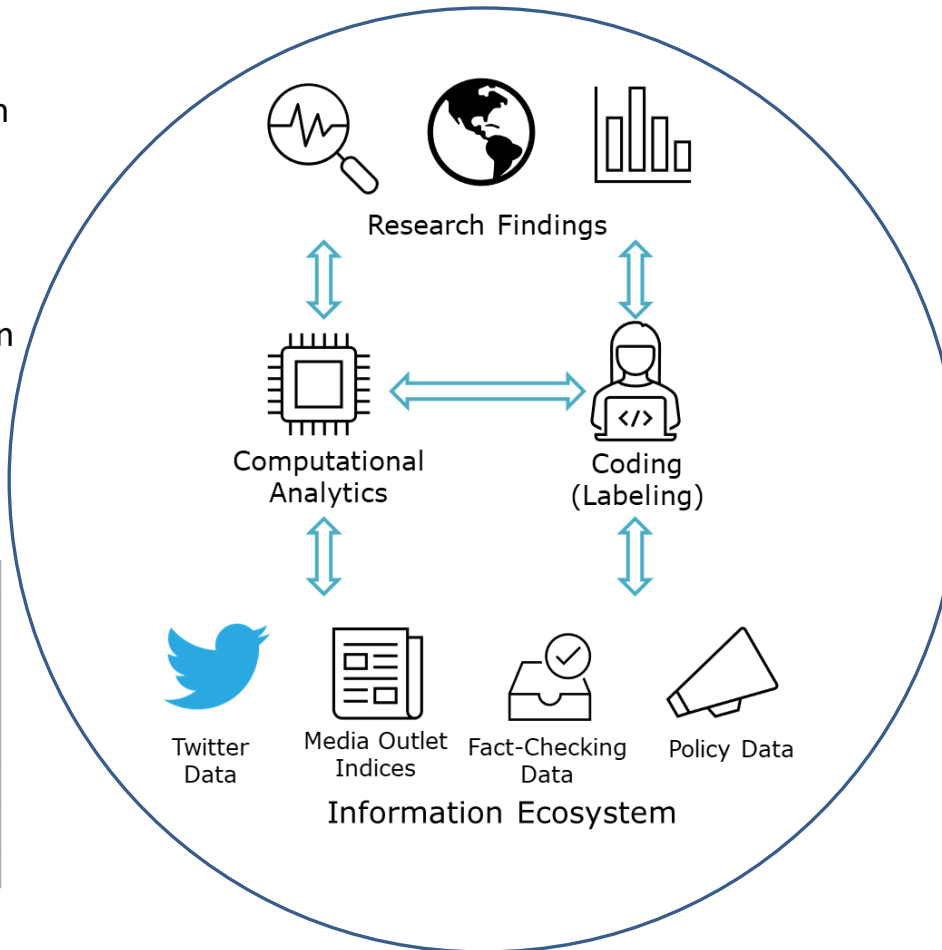
Challenge:

Seek to advance knowledge on how disparities in information consumption vary across sources of information, time, geography, and socio-demographic characteristics on Twitter

Solution:



- Compare daily average sentiment and language use patterns among a population of Twitter users
- Study effects of trustworthy information sources
- Systematically compare COVID-19 and non-COVID-19 tweets for social insights



Scientific Impact:

- Interdisciplinary study design and collaboration
- Contribute to new perspectives and improve our fundamental understanding of the human aspects of information trustworthiness during the pandemic

Broader Impact and Broader Participation:

- Provide vital insight for targeting effective public messaging by public health and government officials during a crisis
- Includes REU students from underrepresented groups who are mentored in conducting research, writing articles, and presenting findings