

Community Analysis: Graphs of Top 100 Words by Frequency from Prominent Twitter Users

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Gephi Procedure



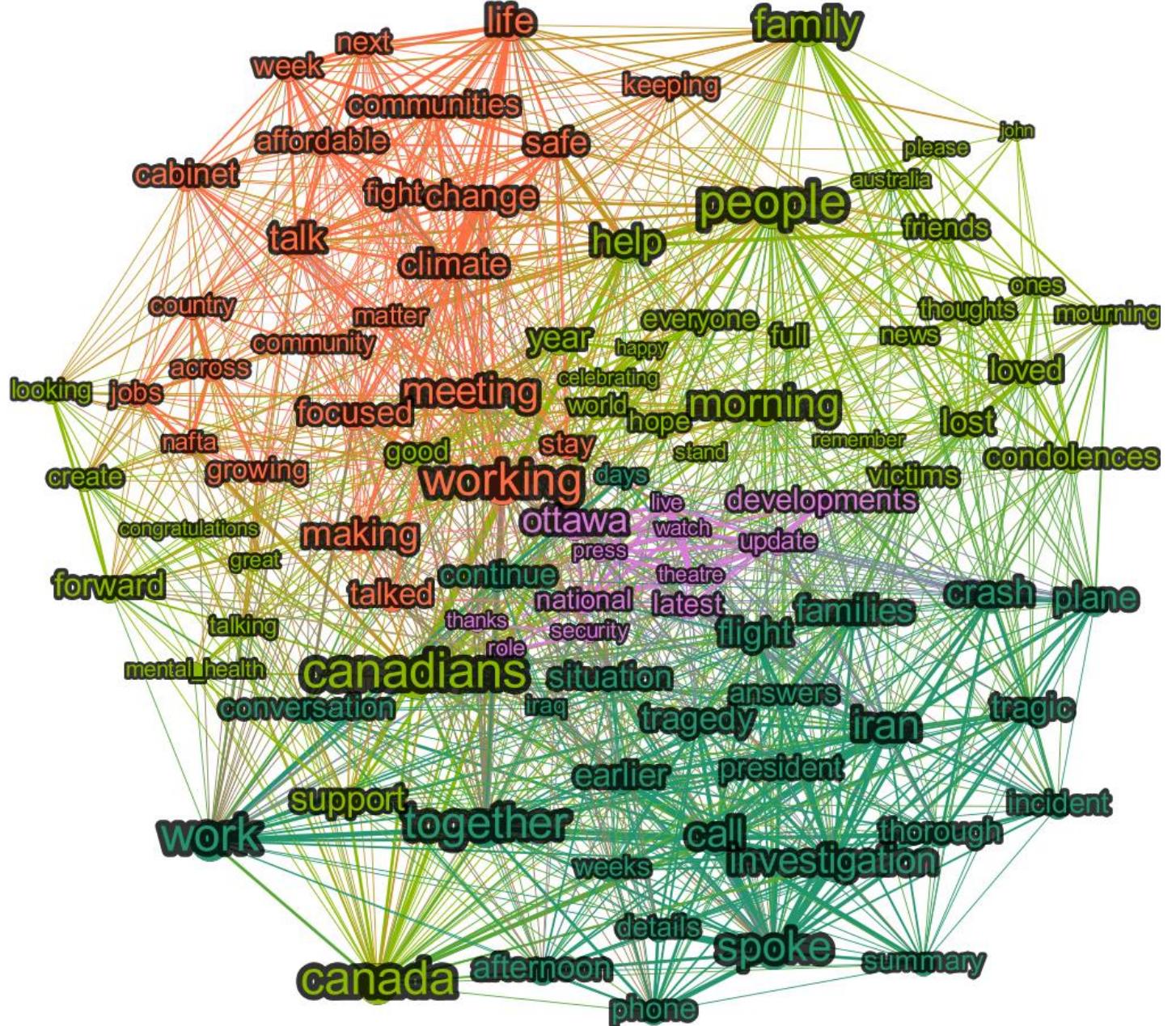
- **ForceAtlas2** layout algorithm settings (run until it appears to settle)
 - *Scaling* = 10 and *Gravity* = 20
 - *Dissuade Hubs* = true
 - *LinLog mode* = true
 - *Prevent Overlap* = true (only briefly at the end for performance reasons)
 - Remaining settings left as default
- Calculate modularity statistic and partition node colours
- Set node size based on degree
- Add node labels
- Run **LabelAdjust**, along with some manual visual tweaks



@JustinTrudeau
January 2020

Potential Community Meanings

- Orange
 - Policy
- Lime green
 - Positive support
- Dark green
 - Tragedies (Iran plane incident)
 - Investigation progress
- Pink
 - Updates/news
 - National security

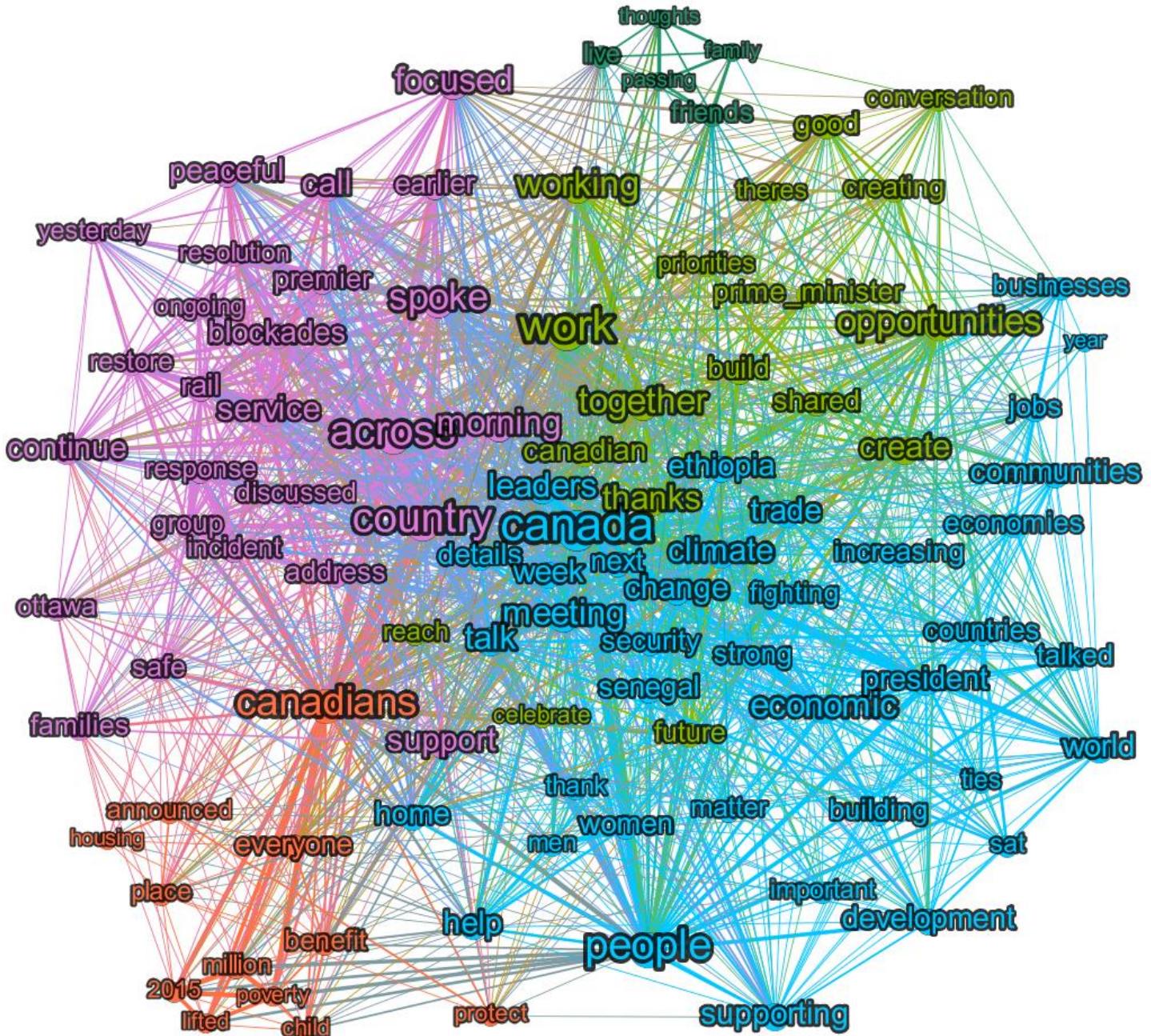




@JustinTrudeau
February 2020

Potential Community Meanings

- Orange
 - Canada Child Benefit
 - Campaign promise to reduce child poverty
 - Lime green
 - Policy
 - Dark green
 - Condolences for recent deaths
 - Blue
 - Visit to Ethiopia
 - Pink
 - Coastal GasLink pipeline protests

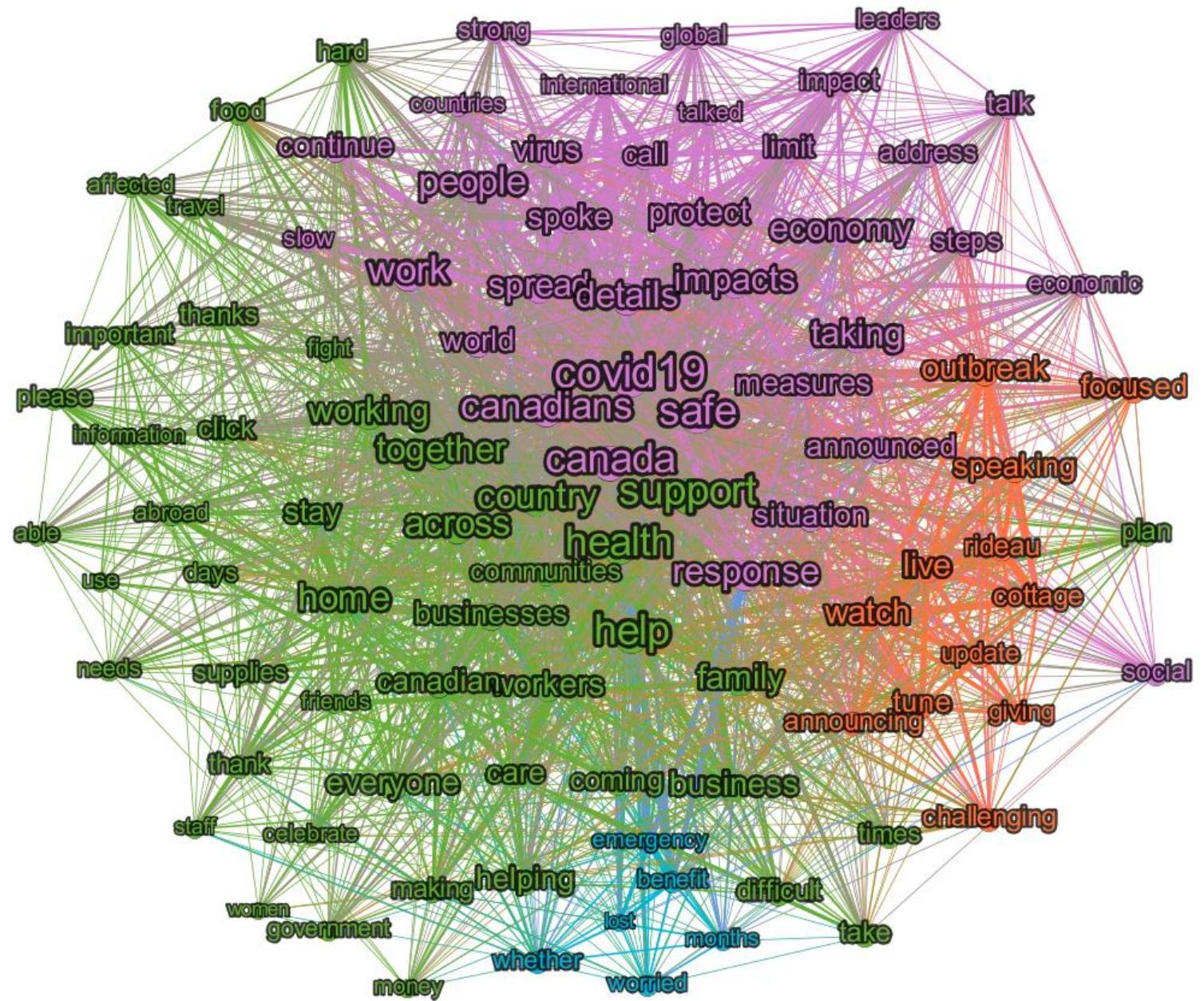




@JustinTrudeau
March 2020

Potential Community Meanings

- Orange
 - COVID updates from Rideau Cottage
 - Lime green
 - Encouragement
 - Blue
 - Lost income relief measures
 - Pink
 - COVID measures

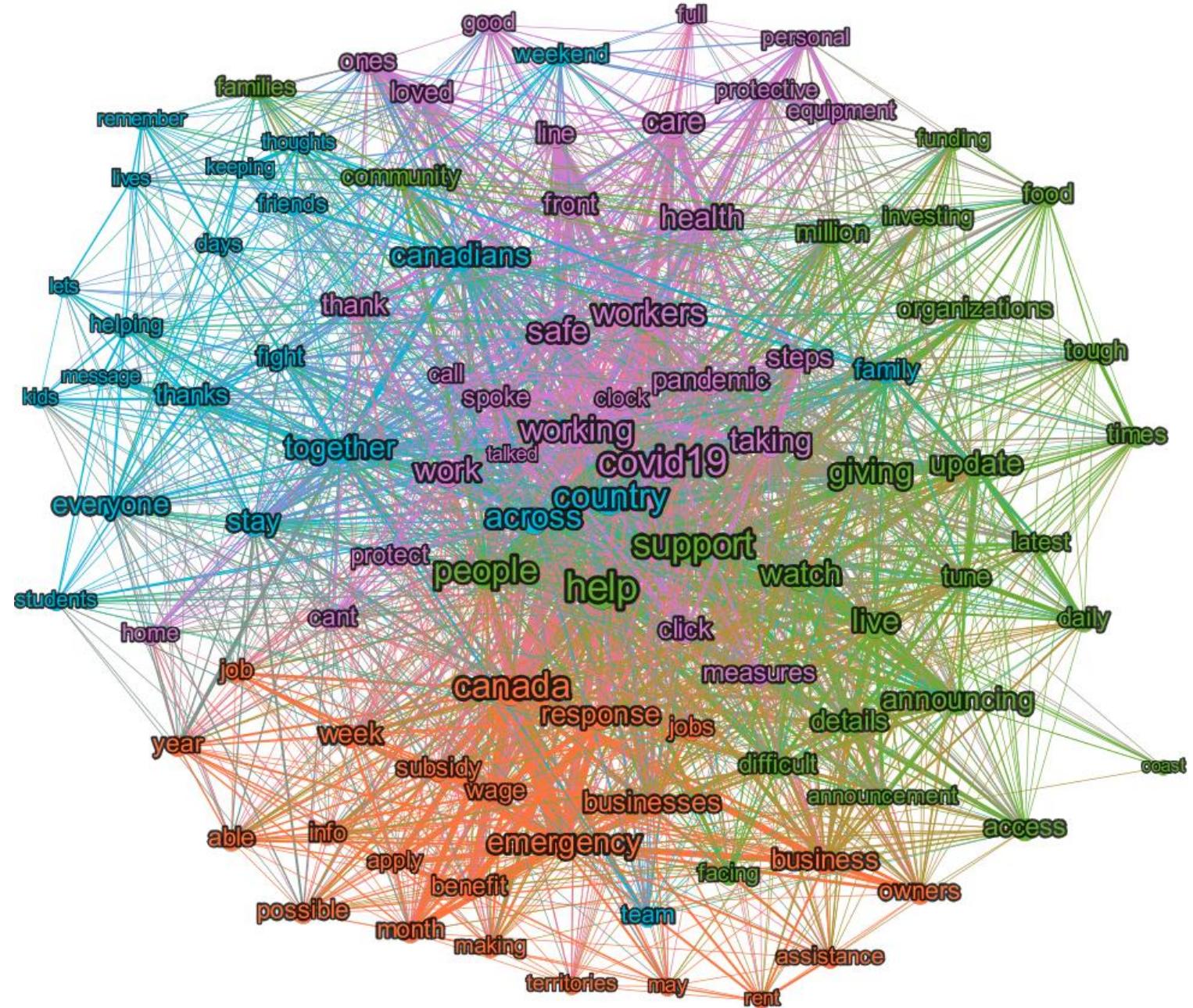




@JustinTrudeau
April 2020

Potential Community Meanings

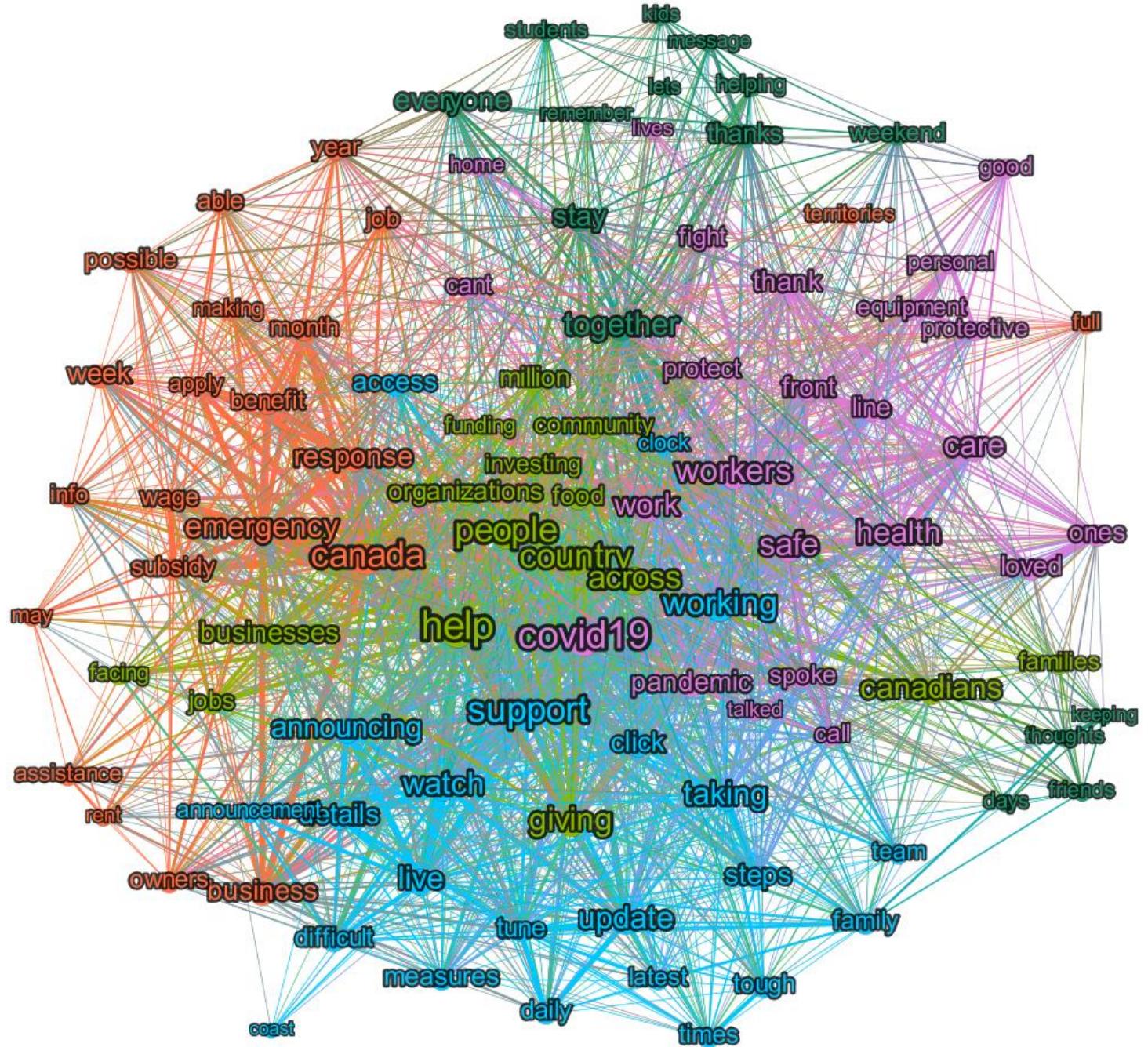
- Orange
 - Economic relief measures (CERB etc)
 - Lime green
 - COVID morning updates
 - Blue
 - Encouragement
 - Pink
 - COVID general healthcare updates





@JustinTrudeau
May 2020

Potential Community Meanings

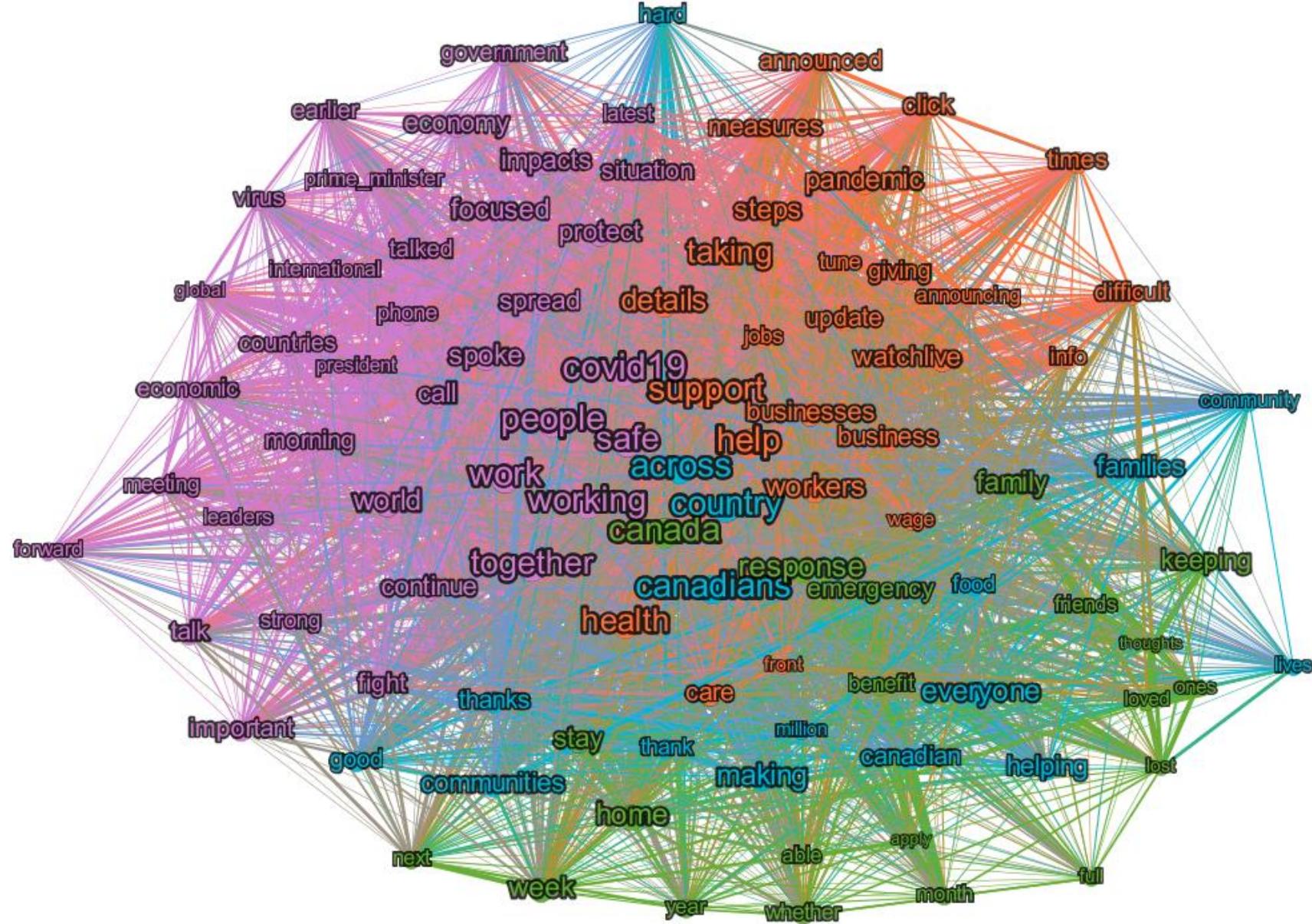




@JustinTrudeau
May YTD 2020

Potential Community Meanings

- Orange
 - COVID daily updates
 - Lime green
 - Help
 - Blue
 - Encouragement
 - Pink
 - Work he is doing

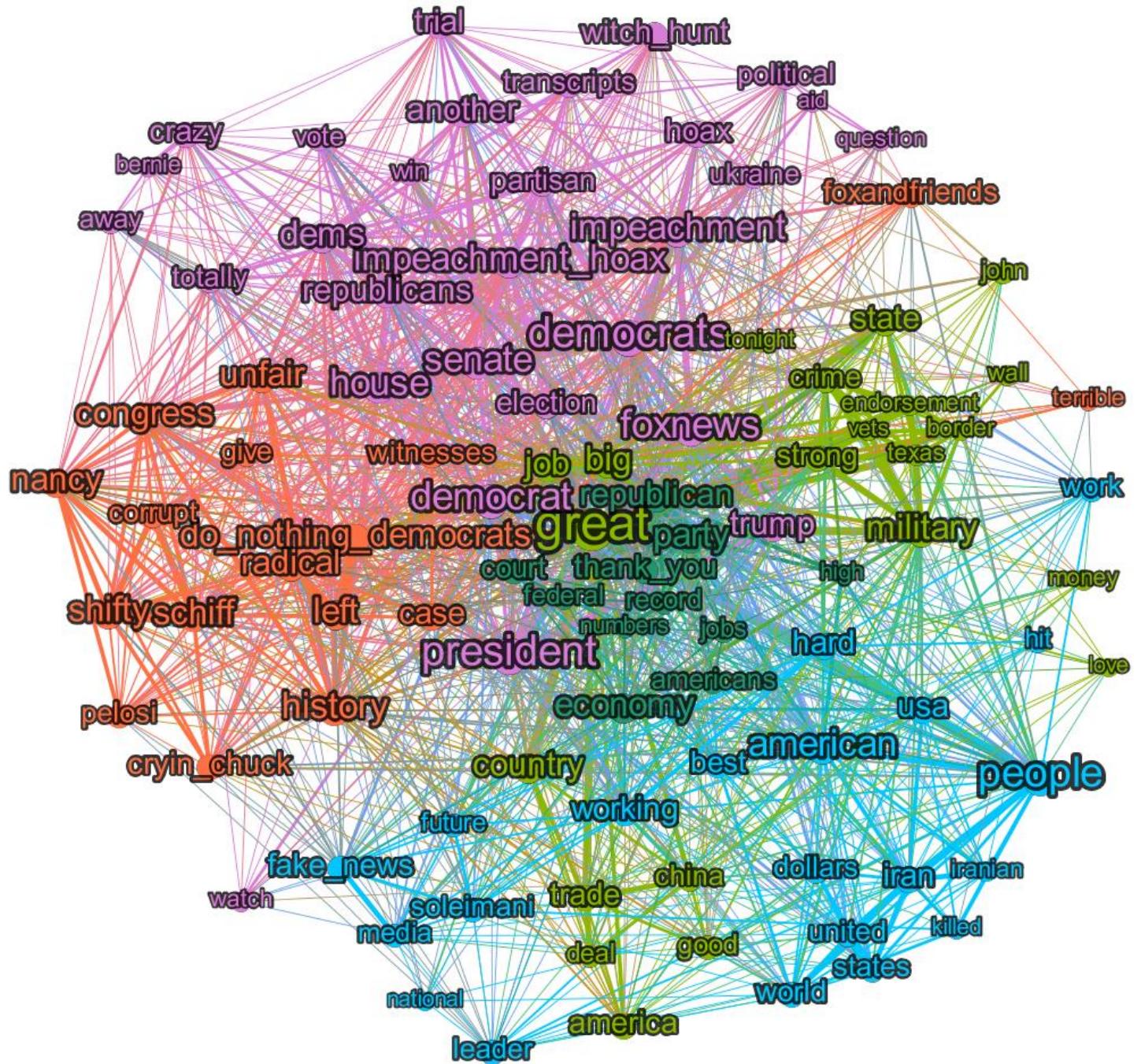




@realDonaldTrump
January 2020

Potential Community Meanings

- Orange
 - Perceived democrat scheming
 - Lime green
 - Applauding China for their transparency and success at containing COVID-19
 - Supporting Republican representatives
 - Dark green
 - Jobs/economy
 - Blue
 - Soleimani assassination
 - Pink
 - Impeachment

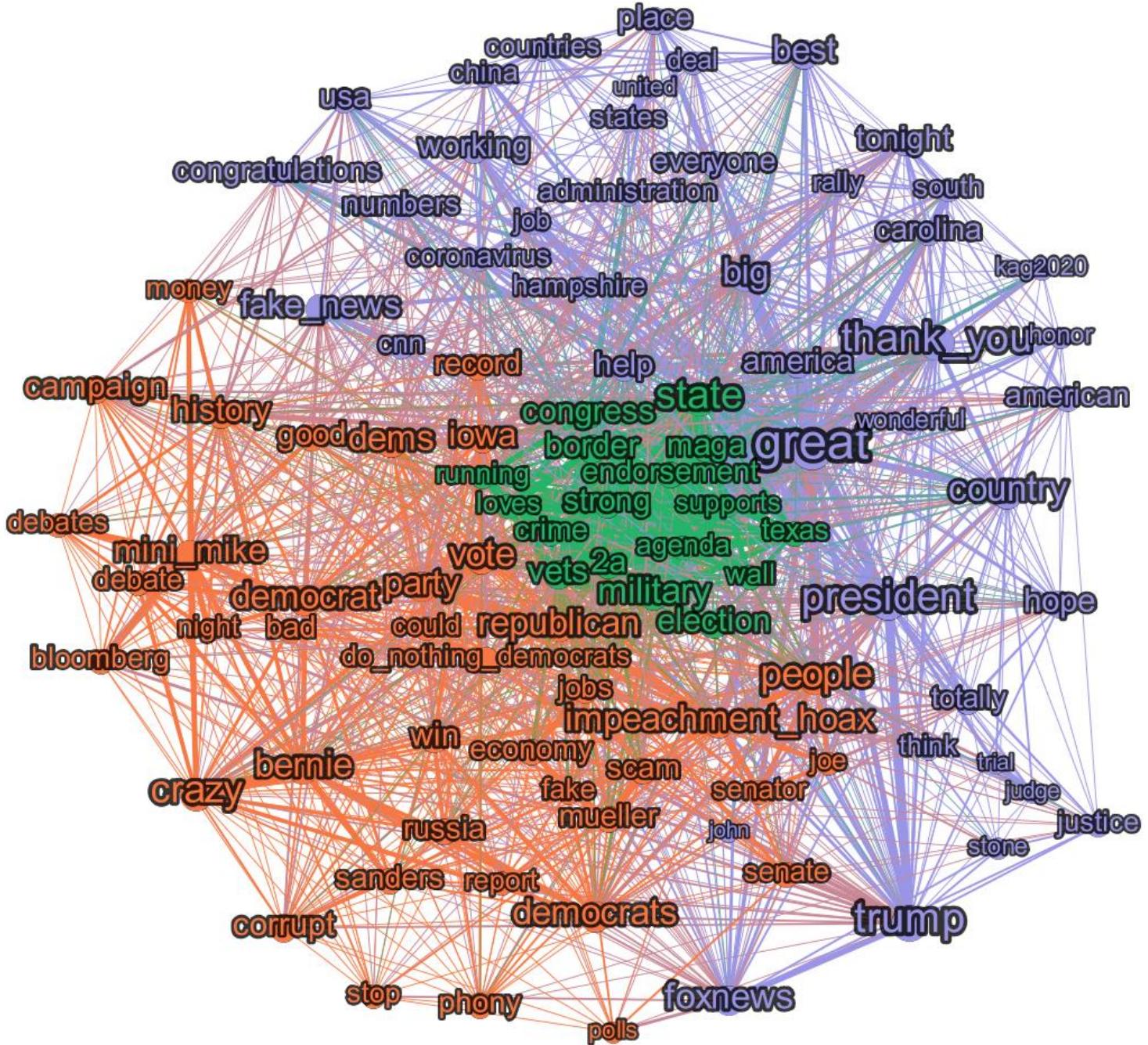




@realDonaldTrump
February 2020

Potential Community Meanings

- Orange
 - Perceived democrat scheming
 - Democratic primaries
- Green
 - Strength/republican values
- Lavender
 - Republican primaries

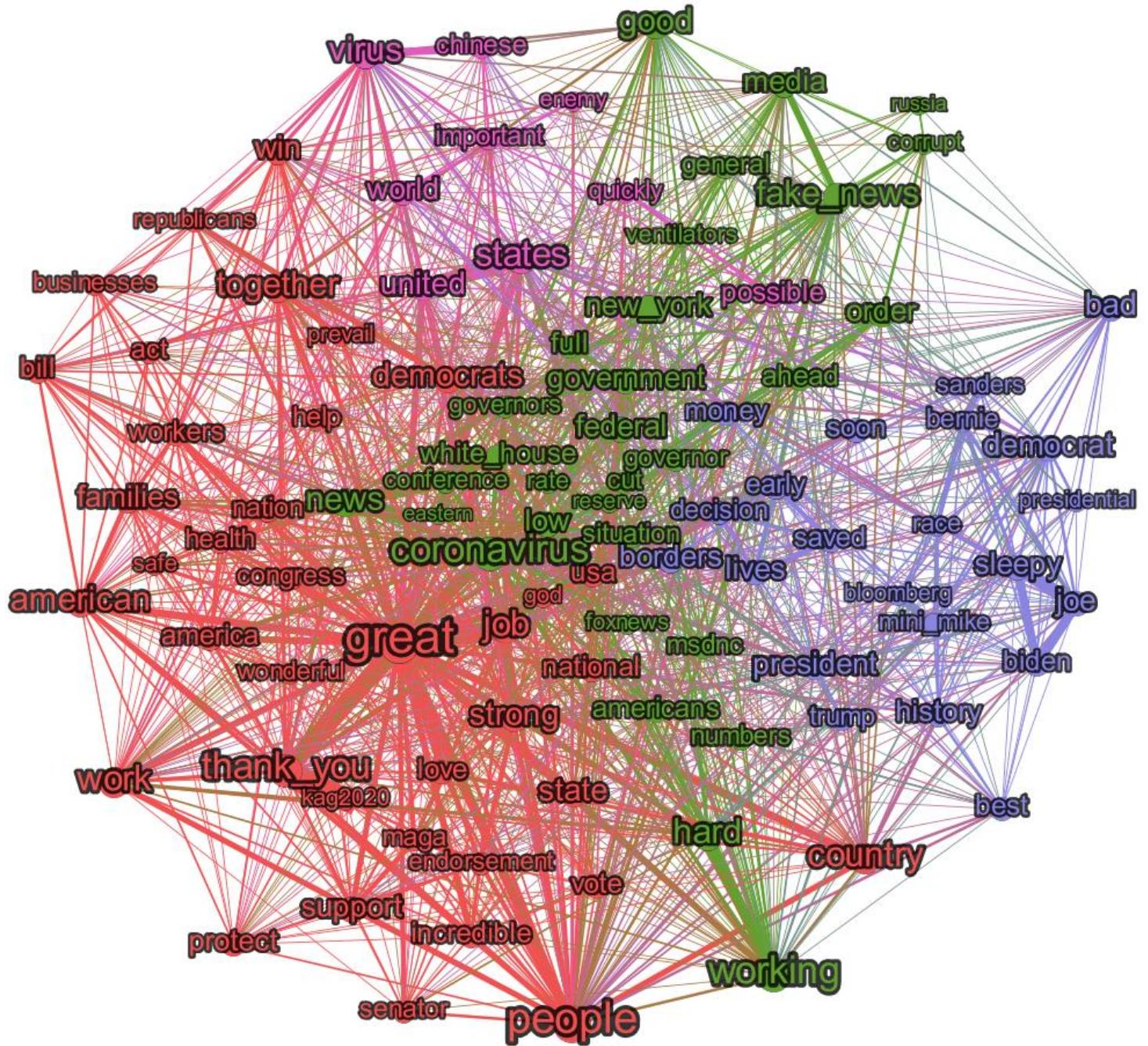




@realDonaldTrump
March 2020

Potential Community Meanings

- Red
 - Primaries
 - Green
 - COVID-19
 - Media
 - Lavender
 - Democrats

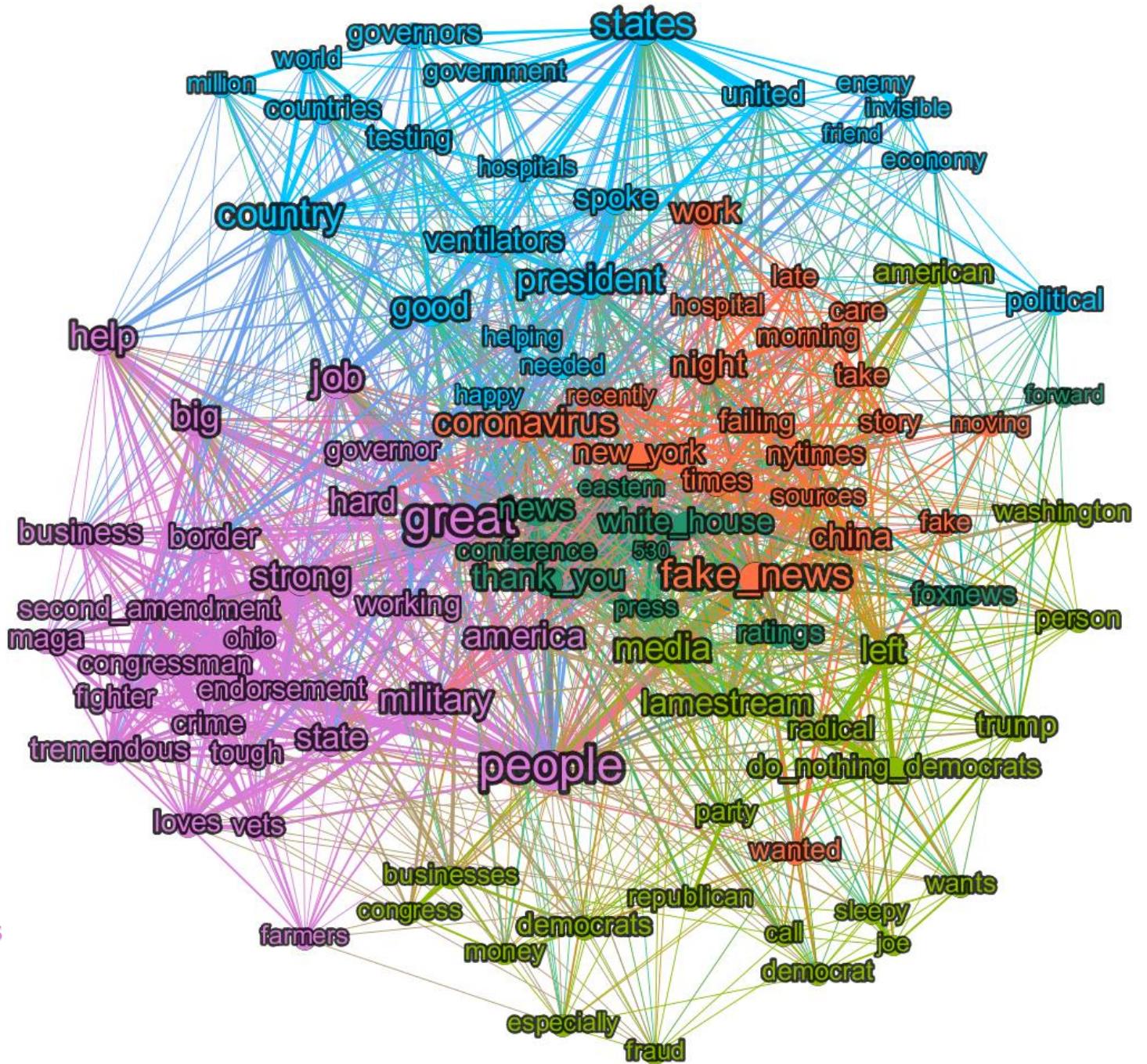




@realDonaldTrump
April 2020

Potential Community Meanings

- Orange
 - COVID-19
 - Media
- Lime green
 - Democrats
- Dark green
 - White House press conferences at 5:30
- Blue
 - Government response to COVID-19
- Pink
 - Republican congressional primary endorsements

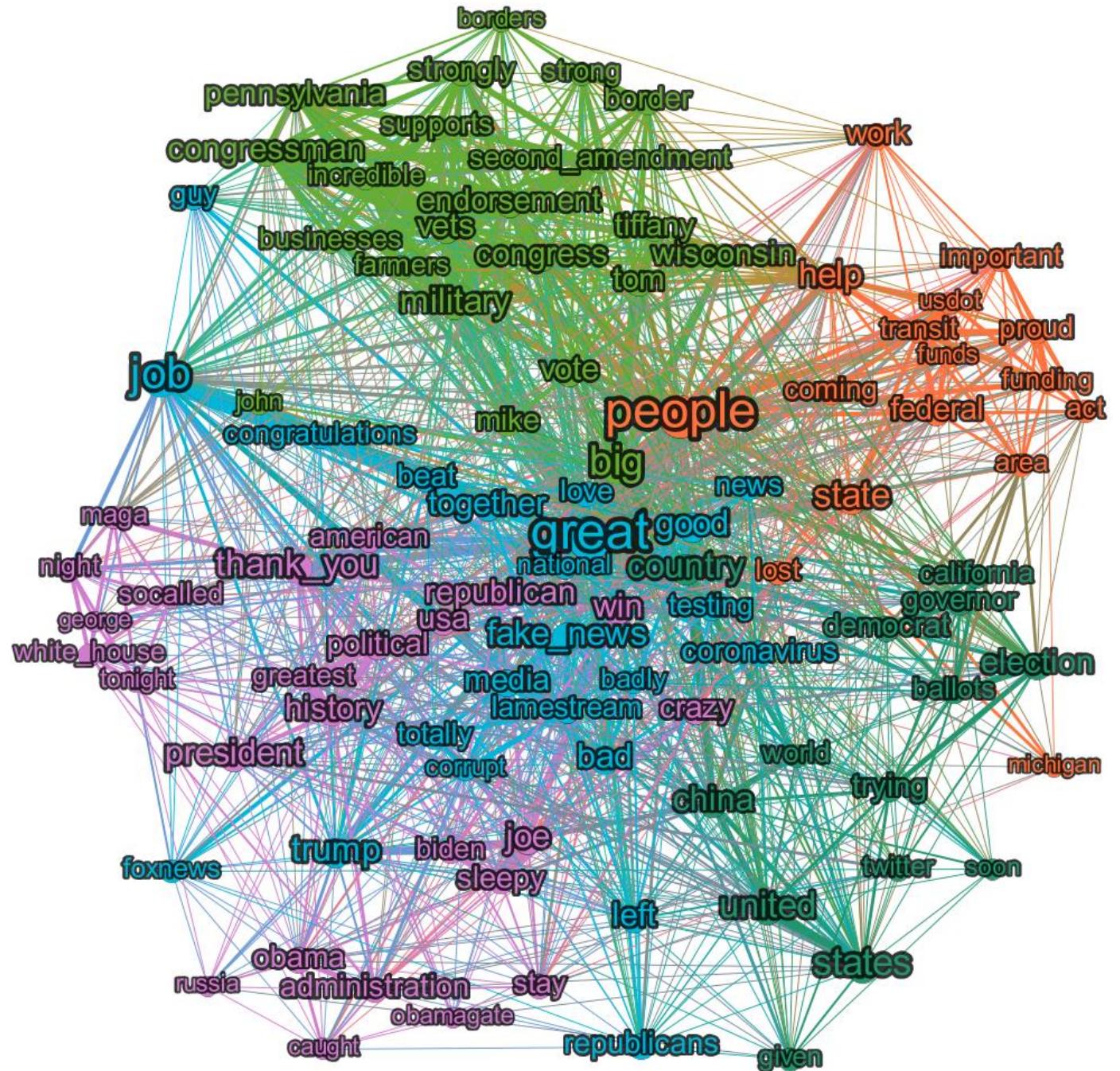




@realDonaldTrump
May 2020

Potential Community Meanings

- Orange
 - Transit funding
 - Lime green
 - Republican congressional primary endorsements
 - Dark green
 - Mail-in ballot fraud
 - He is mad at China now
 - Blue
 - COVID-19 response
 - Fake news
 - Pink
 - Riots
 - Political = bad (against him)
 - Obamagate (+ Sleepy Joe)





@realDonaldTrump
May YTD 2020

Potential Community Meanings

- Orange
 - Republican congressional primary endorsements
 - Lime green
 - Democrats
 - Blue
 - Fake News
 - Pink
 - COVID-19 and response

