

### Context of Hashtags

"I kind of wanted a digest of what the hashtags might have been about... Some of them were really obvious, some of them weren't"

### Interpretation Annotation

shows context and insights relating to each key moment

### Quantity - Hashtags

"How many times [a hashtag] was retweeted within a certain period of time would be useful because then you could see why a certain hashtag was deployed at a particular period of time"

### Quantity Graphic

shows top hashtags used in key moments during the temporal network visualization

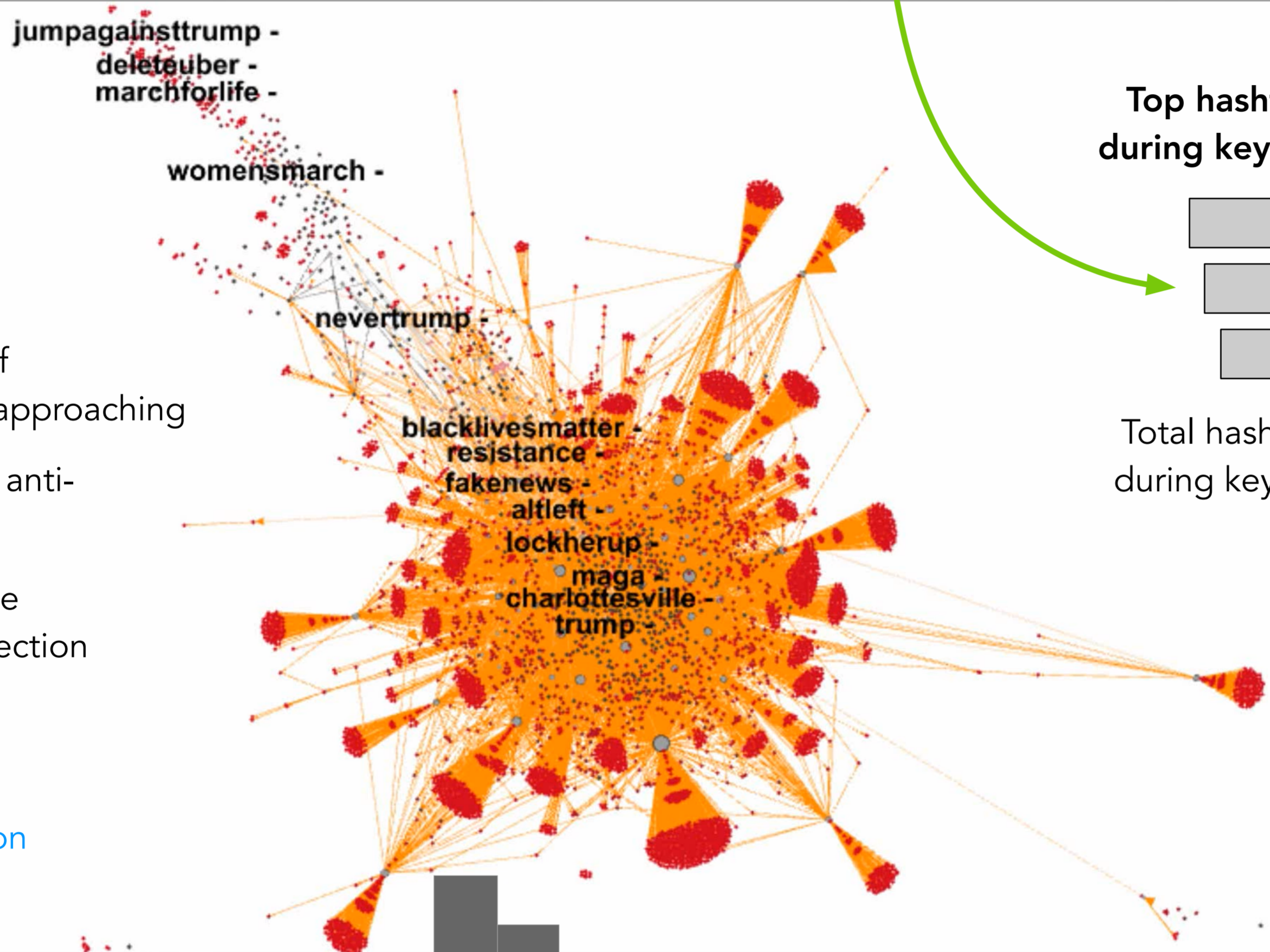
### Quantity - Edges

"Because there's no data values, it's hard to know whether 2017 is more active... I'm confused because I'm trying to work out what it is I'm seeing"

### Quantity Annotation

shows total number of hashtags used during a key moment

## Venezuelan Network Visualization



### What's going on?

- 1 year anniversary of Trump election win approaching
- increase in pro- and anti-Trump hashtags
- attempts to influence narrative after US election

### Top hashtags used during key moment:

- #trump
- #maga
- #charlottesville

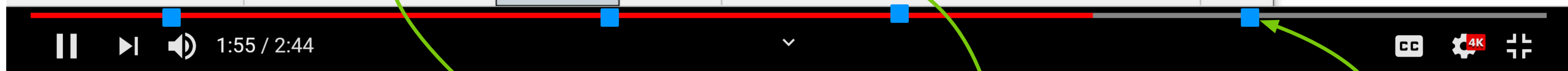
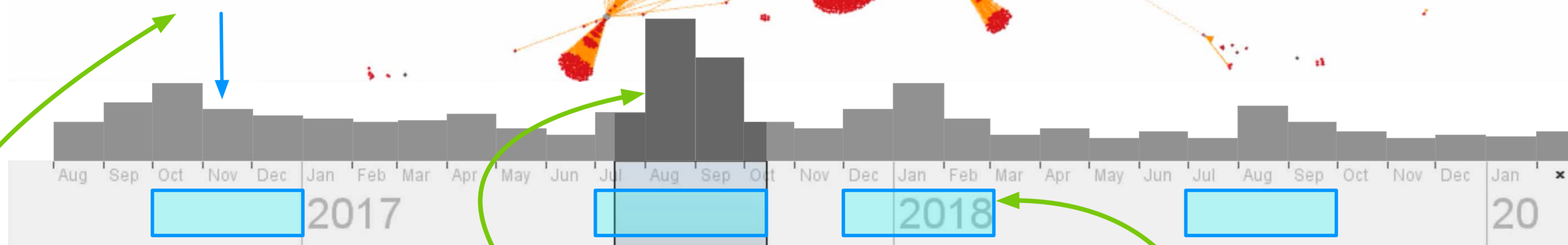
Total hashtags used during key moment: **3,956**

## Venezuela

### Account Creation Year

- 2016
- 2017
- 2018

2016 US Election



### Context Annotations

show key news events that occur throughout timeline

### Context of World Events

"Talking about the key dates that were happening or talking about the key events, milestones, that were happening in the periods"

### Temporal Graphic

shows active hashtags over time, allowing viewers to relate levels of activity over time

### Network Evolution

"In the video it's much easier to impress upon you the huge difference between various periods of activity"

### Temporal Annotations

highlight key moments, allowing viewers to relate and anticipate them

### Strategic Operations

"You can get a better understanding of the overall, broader picture of the network"

### Temporal Control

pauses movie at each blue square, so pace can be controlled.

### Control Pace

"The bar that shows 'over period of time' if you could slow that down, or have the person who is watching the video to be able to control that"