

Multi-Doc Summarization

COVID-19

Sharon Wang

Week 4

Updates

Before, I was running CatE with all the queries in one dimension. This time, I separated the topics into different sections: items, locations, diseases, and topics.

- items: mask, N95, ventilator, vaccine
- locations: China, Italy, New_Zealand, United_States, Wuhan
- diseases: SARS, SARS-CoV-2, MERS, Ebola
- topics: symptom, transmission, death, elderly, protest, racism, travel, economy, incubation, asymptomatic, unemployment, evolution

I also used Spherical Text Embedding instead of fastText for cosine similarities.

mask	Italy	death
wear	China	1629
scarv	Spain	1000-case
bandana	Milan	toll
face	Europe	count
wore	Lombardi	record
smile	Venice	fatal
gown	Croatia	surpass
jogger		377
		report

‘Mask’ Results

1 \“It’s just that maybe the dispersion is a little bit more limited.\” WATCH | The droplets produced when someone speaks with, and without, a mask This video, from a study published
2 in April 2020 the New England Journal of Medicine by researchers at the U.S. National Institutes of Health, uses laser light scattering to show droplets produced when someone speaks.
3 Studies have already provided evidence that the rate at which sick people shed the virus into their surroundings is reduced when they wear a mask.
4 A surgical mask \“effectively blocks the forward momentum of the cough jet and its aerosol content,\” the study found.
5 A 2009 study by researchers in the U.S. and Singapore uses schlieren imaging to show airflow from a person’s mouth a) without a mask b) with a medical mask and c) with an N95 mask. (
6 It notes that studies haven’t been conducted yet on whether or not transmission is reduced when healthy people wear masks in public, but it encourages countries to look into that.
7 Los Angeles, Italy and Austria are among the places that have begun requiring customers to wear masks while shopping.\“We cannot afford any missteps as we look to ease our
8 restrictions in the coming days and weeks.\” WATCH | Personal support workers reusing masks amid PPE shortage: Some personal support workers are using the same protective mask
9 multiple times a day while going in and out of care homes because they worry about running out.
10 But now there are hot meals and friendly smiles along the way - and both are free.
11 Transport Canada has made it mandatory for all passengers to wear masks while on board and in airports when they cannot physically distance two metres from others.

'Italy' Results

1 Los Angeles, Italy and Austria are among the places that have begun requiring customers to wear masks while shopping. "We are very close to a very large country that is having itself
2 a very large outbreak.
3 The virus continues to spread in Italy, in particular in the north.
4 While Ontario is believed to be at its peak in terms of the outbreak, how long that peak lasts remains a question, he said.
5 Italy, Britain, Spain and France account for more than 20,000 deaths each.
6 La Roche Mayor Robert St. Pierre said the day is a sad one for the entire community, and Sylvester's death is just more reason for everyone to take precautions around the virus
7 seriously.
8 More details on P.E.I.'s plan to ease restrictions are expected in the coming week, said Premier Dennis King.
9 Italy will allow factories and building sites to reopen from May 4.WHO under fire Questions have long swirled around the accuracy of China's case reporting, with Wuhan in particular
10 going several days in January without reporting new cases or deaths.
11 More details on P.E.I.'s plan to ease restrictions are expected in the coming week, said Premier Dennis King.
12 French President Emmanuel Macron and European Commission President Ursula von der Leyen were among leaders taking part in a video conference to announce the plan, but the U.S. stayed
13 away.
14 Muslims try to keep Ramadan spirit amid pandemic restrictions Pakistan's southern Sindh province, however, banned Ramadan prayers after the Pakistan Medical Association pleaded with
15 authorities to close mosques nationwide.
16 China is the main source of help in Southeast Asia.
17 Airlines ponder new normal of flying Airlines like United, Delta, EasyJet and others have announced plans to do away with the middle seat in their economy class cabins during the
18 COVID-19 pandemic.
19 As Ramadan approaches, Muslims try to maintain cherished rituals amid pandemic restrictions.
20 Parliament votes to meet once a week in person, with supplemental virtual sittings.
21 Hungary is in a similar situation, with Prime Minister Viktor Orban planning to begin relaxing their lockdown on May 3 or 4.China didn't warn public of likely pandemic for 6 crucial
22 days Elsewhere in mainland China, all areas in central Hubei province including Wuhan, the epicentre of the outbreak in China, are now considered low risk.
23 Infections have been reported in more than 210 countries and territories since the first cases were identified in China in December 2019.Only the United States and Italy have more
24 deaths.
25 The United Kingdom has the fifth-highest official death toll from COVID-19 among Western countries, after the United States, Italy, Spain and France, although the figure only covers
26 hospital fatalities, and the real number is probably much higher.
27 The first clues were evident back on Jan. 24, the day after Wuhan, China, was locked down.

‘Death’ Results

```
1 The province also reported two new deaths.
2 The country now has 5,603 cases, including 95 deaths.
3 The death count remains at five.
4 "The latest: Worldwide COVID-19 death toll tops 100,000.However, deaths continue to mount.
5 The death toll in Ottawa is 78."The latest: Yukon reports first 2 confirmed cases.
6 Kenya has reported 158 coronavirus cases and six deaths.
7 Canada's death toll now 274.nursing home reports another virus-related death.
8 The province's case tally puts the COVID-19 death toll at 67.Indian health officials have confirmed 867 cases of the coronavirus, including 25 deaths.
9 Syria reported its first death.
10 Ontario: 504 confirmed cases, including eight resolved and six deaths.
11 Nine deaths have been reported.
12 The latest death toll included over 100 clinically diagnosed cases.
13 Ontario: 258 confirmed cases, including five recovered and two deaths.
14 Alberta: 146 confirmed cases, including one death.
15 South Korea has 156 confirmed cases, including 1 death.
16 Global death toll surpasses 5,000.\"Same thing with the deaths.
17 Canada confirms 1st COVID-19 death.
18 France has reported 1,191 cases with 21 deaths.
19 Another death is reported.
20 It has reported 22 deaths.
21 Iran reports 95 coronavirus cases and 15 deaths, disputes Qom lawmaker from Qom's claim of higher death toll.
22 "The latest: Death toll in mainland China reaches 1,523 with 143 new deaths reported.
23 "The latest: 424 deaths, further 3,235 cases detected across China.
24 Hong Kong reports its first coronavirus death.
25 The latest figures report 636 deaths and 31,161 confirmed cases on mainland China.
26 China has reported four deaths.
27 "The latest: Death toll reaches 1,367, up 254 from the previous day.
28 |
```