

Title: Supplemental appendix for “Not just conspiracy theories: Vaccine opponents and proponents add to the COVID-19 ‘infodemic’ on Twitter.”

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Note: The material contained herein is supplementary to the article named in the title and published in the Harvard Kennedy School (HKS) Misinformation Review.

## Supplemental Appendix

*Table 5. Topics inferred using LDA*

#	Label	Category	Keywords
1	Prevention techniques	Public Health	coronavirus hands amp wash protect sick avoid water house ncov virus contact masks cough hand scientists cotton coughing asks don't
2	Gates Foundation conspiracy theory	Misinformation -- Conspiracy Theory	coronavirus gates bill amp patent pandemic outbreak simulation million <b>vaccine</b> foundation institute melinda predicted months pirbright world wuhan ago kill
3	Coronavirus updates	News	coronavirus case confirmed wuhan patient china health hospital positive tested cases infected patients people chinese virus person ncov man diagnosed
4	Human transmission	Discussion	coronavirus ncov transmission wuhan china cases spread symptoms study patients infected pneumonia covid human infection evidence outbreak asymptomatic human-to-human period
5	WHO announcements	Public Health	coronavirus health emergency ncov outbreak public global amp international drtedros committee world covid response declares whoafro declared countries whoemro whosearo
6	Disease & vaccine narratives	Discussion	coronavirus flu people sars virus it's amp wuhan don't time <b>vaccine</b> ncov covid it's fear bad china pandemic don't i'm
7	Links to Wuhan lab	Misinformation -- Rumor/Insinuation	coronavirus wuhan lab virus chinese china scientists originated scientist laboratory outbreak period incubation pathogens expert research level university days aren't
8	Evacuations	News	wuhan coronavirus china quarantine flight citizens passengers americans outbreak u.s military evacuees evacuated base evacuation air home airport california nationals

9	Infodemic	Discussion	coronavirus information ncov misinformation outbreak covid twitter news conspiracy spread wuhan latest media amp china times government theories social people
10	Case statistics	News	cases coronavirus confirmed china ncov case reported total deaths covid wuhan update reports infection korea health report suspected jan south
11	Chinese Whistleblower	Discussion	coronavirus doctor wuhan chinese wenliang journalist citizen alarm early dies died cdc death whistleblower beckyjohnson police life rosewind mcfunny california
12	Vaccine development	News	coronavirus <b>vaccine</b> develop <b>vaccines</b> ncov development make research company biotech amp working pharma race virus mers covid work prevention outbreak
13	Chinese coverup	Misinformation--Rumor/Insinuation	coronavirus wuhan china hospital people quarantine chinese outbreak city video patients million infected lockdown hospitals bodies dead days police inside
14	Faulty tests	Discussion	coronavirus test kits ncov testing tests cdc china amp covid countries negative diagnostic false virus results africa labs health emergency
15	Deaths	News	coronavirus china cases death toll deaths outbreak reports hubei confirmed updates number people virus province live reported infections wuhan latest
16	Natural cures	Misinformation -- alternative cures	coronavirus amp paul cure pee kangas youtube hourly daily <b>vaccines</b> vitamin vit drink body protected makes found perfect grams china
17	Cruise ship cases	News	ship cruise coronavirus japan passengers positive princess diamond quarantined cases people covid tested quarantine test americans aboard confirmed news board
18	Travel warnings	Public Health	coronavirus ncov china wuhan outbreak travel virus cdc health disease risk infection states control spread screening guidance united covid u.s
19	Economic disruption	News	coronavirus china outbreak impact global economy business hit february article economic supply due warns chinese markets scoopit apple market amid
20	Advocating for science	Discussion	ncov coronavirus amp covid outbreak china drtedros

			cdc health drnancym_cdc data secazar information drmikeryan response working public countries spread time
21	Philippine news	News	ncov coronavirus covid doh travel filipinos philippines health amid department ban measures city due secretary government patients duterte task disease
22	Experimental treatments	Discussion	coronavirus drug hiv patients treatment drugs china clinical doctors trials trial ncov antiviral news treat vitamin fight chinese wuhan plasma
23	Pigs as vectors	Misinformation -- rumors/insinuations	wuhan coronavirus pigs pneumonia china pork virus market source outbreak infected scientists chinese people seafood epidemic swine sars coming animal
24	Chinese bioweapon	Misinformation -- Conspiracy	coronavirus biological china weapon chinese outbreak wuhan bioweapons youtube warfare act truth bioweapon infowars interview boyle francis video amp expert
25	Coming pandemic	Discussion	coronavirus spread pandemic china warns global covid experts cdc coronavirusoutbreak virus world prepare wuhan u.s military warn ncov official health
26	DNA conspiracy	Misinformation-- Conspiracy	coronavirus ncov virus hiv bat scientists covid sars engineered genetic lab spike bioweapon found protein wuhan created pheic viruses biosecurity
27	Medical supply shortage	Discussion	coronavirus masks medical workers wuhan face china mask covid supplies outbreak infected doctors protective people health amid staff wearing shortage
28	Commonwealth news	News	news coronavirus media canada published outbreak global scoopit abc latest covid web social ecosearch daily bbc skinnergj fake australian feedly
29	Pseudoscience	Misinformation-- Conspiracy	wuhan coronavirus crisis pathology viral biophysically linked link constrained latency virus-driven heart jordivisiond esoxcarcharias maryvmos loriniowa volumerose corde cant_read_maps monsta
30	Comparing global responses	Discussion	health coronavirus world stigma china public outbreak organization india minister covid officials china's medical vigorbot global nigeria fight u.s government

31	General conspiracy	Misinformation-- conspiracy	coronavirus infect population big deaths pharma rate amp china <b>vaccine</b> wuhan wall caution covid agenda horse top don't urges kong
32	Chinese restrictions	News	coronavirus kong hong china travel outbreak flights chinese border amid spread ban wuhan due airlines australia restrictions government borders city
33	Event cancellations	News	coronavirus theresistance impeachtrump due thamendmentnow fears outbreak amid year china event show postponed world covid concerns chinese events epidemic congress
34	Coronaviruses	Discussion	mers sars coronavirus respiratory disease virus syndrome ncov amp east saudi severe viruses flu middle cases wuhan covid ebola mers-cov
35	Social impacts (e.g. stigma, bullying)	Discussion	coronavirus children china stigma outbreak chinese wuhan home people school fears stay schools parents amid kids students work family china's