

1. Supplementary Data

- **Supplementary Tables**

Table S1. List of the tasks fulfilled by the SPARQL queries for the visualization of the COVID-19 information in Wikidata

Task	Description
Genomic data and clinical knowledge	
Z1	Symptoms of COVID-19 (SPEED, SARS-CoV-2-Queries)
Z2	Potential treatments of COVID-19 (SPEED)
Z3	Linnean Taxonomy of SARS-CoV-2 (SPEED)
Z4	All SARSr viruses (SARS-CoV-2-Queries)
Z5	Coronaviruses that infect humans (SARS-CoV-2-Queries)
Z6	All betacoronaviruses (SARS-CoV-2-Queries, WPCOVID)
Z7	All coronaviruses (SARS-CoV-2-Queries)
Z8	Comparing viruses with SARS-CoV-2 (SARS-CoV-2-Queries)
Z9	NCBI Taxonomy IDs of coronaviruses (SARS-CoV-2-Queries)
Z10	SARS-CoV-2 genomes (SARS-CoV-2-Queries)
Z11	SARS-CoV-2 genes (SARS-CoV-2-Queries)
Z12	SARS-CoV-2 proteins (SARS-CoV-2-Queries)
Z13	SARS-CoV-2 protein complexes (SARS-CoV-2-Queries)
Z14	SARSr genes (SARS-CoV-2-Queries)
Z15	SARSr proteins (SARS-CoV-2-Queries)
Z16	Human coronavirus' genes (SARS-CoV-2-Queries)
Z17	Human coronavirus' proteins (SARS-CoV-2-Queries)
Z18	Coronavirus' proteins interacting with human proteins (SARS-CoV-2-Queries)
Z19	Biological process for the pathogenesis of coronaviruses (SARS-CoV-2-Queries)
Z20	Antibodies for the coronaviruses (SARS-CoV-2-Queries)
Z21	Vaccines for the coronaviruses (SARS-CoV-2-Queries)
Z22	Drugs for the coronaviruses (SARS-CoV-2-Queries)
Z23	COVID-19, COVID-19 pandemic and SARS-CoV-2 in the context of the Wikidata knowledge graph (Scholia)
Epidemiology	
Z24	Daily evolution of the global number of COVID-19 cases (SARS-CoV-2-Queries, WPCOVID, COVID-19 Summary)
Z25	Daily evolution of the number of COVID-19 Cases by Country (SPEED)
Z26	Daily evolution of the number of COVID-19 Deaths by Country (SPEED)
Z27	Daily evolution of the COVID-19 Mortality Rate by Country (SPEED)
Z28	Daily evolution of the number of COVID-19 Clinical Tests by Country (SPEED)
Z29	Daily evolution of the COVID-19 Positive Test Rate by Country (SPEED)
Z30	Daily evolution of the number of COVID-19 Recoveries by Country (SPEED)
Z31	Daily evolution of the COVID-19 Recovery Rate by Country (SPEED)
Z32	Daily evolution of the number of COVID-19 Cases in a given country (SPEED, SARS-CoV-2-Queries)
Z33	Daily evolution of the number of COVID-19 Deaths in a given country (SPEED, SARS-CoV-2-Queries)
Z34	Daily evolution of the number of COVID-19 Clinical Tests in a given country (SPEED)
Z35	Daily evolution of the number of COVID-19 Recoveries in a given country (SPEED)
Z36	Daily evolution of the COVID-19 Mortality Rate in a given country (SPEED)
Z37	Daily evolution of the COVID-19 Positive Clinical Test Rate in a given country (SPEED)
Z38	Daily evolution of the COVID-19 Recovery Rate in a given country (SPEED)
Z39	Daily evolution of the number of COVID-19 Cases by administrative subdivision of a given country (SPEED)
Z40	Daily evolution of the number of COVID-19 Deaths by administrative subdivision of a given country (SPEED)
Z41	Daily evolution of the COVID-19 Mortality Rate by administrative subdivision of a given country (SPEED)
Z42	Daily evolution of the number of COVID-19 New Cases (SPEED)
Z43	Daily evolution of the number of COVID-19 New Deaths (SPEED)
Z44	Daily evolution of the number of COVID-19 New Clinical Tests (SPEED)

Z45	Daily evolution of the number of COVID-19 New Recoveries (SPEED)
Z46	Daily evolution of the number of COVID-19 Active Cases (SPEED)
Z47	Daily evolution of the number of COVID-19 Clinical Tests by Laboratory in a given country (SPEED)
Z48	Number of COVID-19 Cases by administrative subdivision of a given country (SPEED)
Z49	Number of COVID-19 Deaths by administrative subdivision of a given country (SPEED)
Z50	COVID-19 Mortality Rate by administrative subdivision of a given country (SPEED)
Z51	Number of COVID-19 Cases per Capita by administrative subdivision of a given country (SPEED)
Z52	Number of COVID-19 Deaths per Capita by administrative subdivision of a given country (SPEED)
Z53	Number of COVID-19 Cases per Area by administrative subdivision of a given country (SPEED)
Z54	Number of COVID-19 Deaths per Area by administrative subdivision of a given country (SPEED)
Z55	Current Epidemiological Status in a given country (SPEED)
Z56	Number of COVID-19 Clinical Tests by Laboratory in a given country (SPEED)
Z57	Map of Affected Countries (SPEED, WPCOVID)
Z58	Number of COVID-19 Cases by Country (SPEED, WPCOVID)
Z59	Number of COVID-19 Cases per 100000 inhabitants by Country (SPEED)
Z60	Number of COVID-19 Deaths by Country (SPEED)
Z61	Number of COVID-19 Deaths per 100000 inhabitants by Country (SPEED)
Z62	COVID-19 Mortality rates by Country (SPEED)
Z63	Number of COVID-19 Clinical Tests by Country (SPEED)
Z64	Number of COVID-19 Clinical Tests per 100000 inhabitants by Country (SPEED)
Z65	Number of COVID-19 Recoveries by Country (SPEED)
Z66	Number of COVID-19 Recoveries per 100000 inhabitants by Country (SPEED)
Z67	Famous COVID-19 Victims (SPEED, WPCOVID, COVID-19 Summary)
Z68	Age distribution of Famous COVID-19 Victims (COVID-19 Summary)
Z69	Field of work of Famous COVID-19 Victims (COVID-19 Summary)
Z70	Place of birth of Famous COVID-19 Victims (COVID-19 Summary)
Z71	Number of COVID-19 Cases per area by Country (SPEED, COVID-19 Summary)
Z72	Number of COVID-19 Deaths per area by Country (SPEED)
Z73	Number of COVID-19 Clinical Tests per area by Country (SPEED)
Z74	Number of COVID-19 Recoveries per area by Country (SPEED)
Z75	Number of COVID-19 Cases in function of the number of clinical tests in a given country (SPEED)
Z76	Number of COVID-19 Deaths in function of the number of cases in a given country (SPEED)
Z77	COVID-19 Mortality Rate in function of the number of cases in a given country (SPEED)
Z78	Number of COVID-19 cases in an administrative subdivision of a given country in function of population (SPEED)
Z79	Number of COVID-19 cases in an administrative subdivision of a given country in function of area (SPEED)
Z80	Number of COVID-19 cases in an administrative subdivision of a given country in function of population Density Rate (SPEED)
Z81	Number of COVID-19 deaths in an administrative subdivision of a given country in function of population (SPEED)
Z82	Number of COVID-19 deaths in an administrative subdivision of a given country in function of area (SPEED)
Z83	Number of COVID-19 deaths in an administrative subdivision of a given country in function of population Density Rate (SPEED)
Z84	COVID-19 Mortality Rate in an administrative subdivision of a given country in function of population (SPEED)
Z85	COVID-19 Mortality Rate in an administrative subdivision of a given country in function of area (SPEED)
Z86	COVID-19 Mortality Rate in an administrative subdivision of a given country in function of population Density Rate (SPEED)
Z87	Number of COVID-19 new cases in a given country in function of number of old cases (SPEED)
Z88	Global number of COVID-19 Cases in function of the global number of clinical tests (SPEED)
Z89	Global number of COVID-19 Deaths in function of the global number of cases (SPEED)
Z90	COVID-19 Global Mortality Rate in function of the global number of cases (SPEED)
Z91	Country-level number of COVID-19 Cases in function of Country Population (SPEED)
Z92	Country-level number of COVID-19 Cases in function of Country Area (SPEED)
Z93	Country-level number of COVID-19 Cases in function of Country Population Density Rate (SPEED)
Z94	Country-level number of COVID-19 Deaths in function of Country Population (SPEED)
Z95	Country-level number of COVID-19 Deaths in function of Country Area (SPEED)
Z96	Country-level number of COVID-19 Deaths in function of Country Density Rate (SPEED)
Z97	Country-level COVID-19 Mortality Rate in function of Country Population (SPEED)
Z98	Country-level COVID-19 Mortality Rate in function of Country Area (SPEED)
Z99	Country-level COVID-19 Mortality Rate in function of Country Population Density Rate (SPEED)
Z100	Duration between first case and first death based on number of cases and number of deaths in a given country (SARS-CoV-2-Queries)
Z101	Lockdowns due to the COVID-19 pandemic (WPCOVID)
Research outputs and computer applications	

Z102	Scholarly publications about COVID-19 pandemic and SARS-CoV-2 (SPEED, SARS-CoV-2-Queries, WPCOVID, Scholia)
Z103	Tools and Resources about COVID-19 pandemic by type (SPEED)
Z104	Tools and Resources about COVID-19 pandemic (SPEED)
Z105	Tools and Resources about COVID-19 pandemic by publisher (SPEED)
Z106	Tools and Resources about COVID-19 pandemic by license (SPEED)
Z107	Tools and Resources about COVID-19 pandemic by field of work (SPEED)
Z108	Clinical trials about COVID-19 pandemic (SARS-CoV-2-Queries)
Z109	Scholarly publications about the virus transmission of coronaviruses (SARS-CoV-2-Queries)
Z110	Scholarly publications about the SARS-CoV-2 genes (SARS-CoV-2-Queries)
Z111	Scholarly publications about the SARS-CoV-2 proteins (SARS-CoV-2-Queries)
Z112	Scholarly publications about coronaviruses (SARS-CoV-2-Queries)
Z113	Scholarly publications about human coronaviruses (SARS-CoV-2-Queries)
Z114	Contact tracing protocols related to the COVID-19 pandemic (WPCOVID)
Z115	Scholarly publications about COVID-19 pandemic and SARS-CoV-2 by year (Scholia)
Z116	Research scientists mostly publishing scholarly publications about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z117	Collaboration network of the research scientists working on COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z118	Topics of the scholarly publications about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z119	Co-occurring topic graph of the scholarly publications about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z120	Map of cities and countries evocated by the scholarly publications about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z121	Research scientists mostly cited by the scholarly publications about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z122	Venues and series mostly publishing research works about the COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z123	Most cited research publications about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z124	Map of institutions publishing research works about COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z125	Citation network of research countries working on COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z126	Awards received by authors who published on COVID-19 pandemic and SARS-CoV-2 (Scholia)
Z127	Scholarly publications about COVID-19 and SARS-CoV-2 with missing <i>main subject</i> [P921] values (SARS-CoV-2-Queries, WPCOVID)
Other	
Z128	Images from Wikimedia Commons about COVID-19 pandemic and SARS-CoV-2 (SPEED)
Z129	COVID-19 Factbook (SPEED)
Z130	Bankrupt businesses due to the COVID-19 pandemic (WPCOVID)
Z131	Properties used to model COVID-19 knowledge in Wikidata (WPCOVID)

Table S2. List of sample queries on COVID-19. The information contained therein is similar to visualizations in many stand-alone COVID-19 dashboards, covering an overview of COVID-19, international situation, international daily epidemiological evolution, Tunisian daily epidemiological evolution, Tunisian governorate-level situation, Tunisian correlations, and worldwide correlations. Each of the sheets has a Title column with a brief summary for each query and a URL column with a link to the live record on Wikidata.

Table available as Query/COVID-19.xlsx in
<http://doi.org/10.5281/zenodo.4022591>.

Table S3. Raw data and correlation statistics for datasets summarised in tables 3 and 4, including Pearson's, Spearman's, and Cohen's coefficients for the raw data and Spearman's coefficients and principal component analysis of the log-10 transformed data.

Table available as docs/Fig5Corr/T3+4.xlsx in
<http://doi.org/10.5281/zenodo.4022591>.

Table S4. Spearman's rho on raw data (pairwise) of untransformed variables from tables 3 and 4 against max development index for countries speaking each language as an official language, and number of native speakers. Final column indicates Cohen's q value (calculated as the difference between the Fisher-transformed Spearman's rho values i.e., $q = z'(r_{(\text{development, Wikidata med labels})}) - z'(r_{(\text{number of speakers, Wikidata med labels})})$), comparing these two for the stronger correlate for variables from tables 3 and 4. Positive values indicate max development index as the stronger correlate, while negative values would indicate number of native speakers as the stronger correlate. Differences of $>.5$ are considered “large” and unusual for the social sciences, $.3$ “medium” and $.1$ “small”.

	Spearman's rho	Spearman's rho	Cohen's q
	Max development	Number speakers	development - speakers
Medical Wikipedia articles	.71	.48	.36
Medical Wikidata labels	.76	.38	.59
Wikipedia and Wikidata Users	.62	.21	.51
COVID19 pandemic Wikipedia pageviews	.53	.53	.00
COVID Wikipedia pages	.71	.52	.31
COVID Wikidata content	.69	.53	.26
COVID Wikipedia edits	.63	.55	.12

Table S5. Main Wikidata properties used to represent the external identifiers of scholarly articles and clinical trials related to the COVID-19 pandemic (as of August 31, 2020).

Wikidata ID	Wikidata Property	Count
P356	DOI	45101
P698	PubMed ID	42294
P6179	Dimensions Publication ID	16944
P932	PMCID	12590
P8150	COVIDWHO ID	11718
P8299	Semantic Scholar corpus ID	4612
P3098	ClinicalTrials.gov Identifier	246
P818	arXiv ID	47
P2880	NIOSHTIC-2 ID	23

Table S6. Main Wikidata properties used to represent the external identifiers of diseases and symptoms related to the COVID-19 pandemic (as of August 31, 2020).

Wikidata ID	Wikidata Property	Diseases count	Symptoms count
P672	MeSH tree code	40	12
P2892	UMLS CUI	38	11
P494	ICD-10	32	8
P4229	ICD-10-CM ⁷⁷	32	1
P3827	JSTOR topic ID	32	10
P6366	Microsoft Academic ID	29	11
P493	ICD-9 ⁷⁸	26	5
P673	eMedicine ID	24	2
P1417	Encyclopedia Britannica Online ID	23	7
P486	MeSH descriptor ID	23	9
P646	Freebase ID	21	10
P3841	Human Phenotype Ontology ID	18	9
P604	MedlinePlus ID	19	9
P508	BNCF ⁷⁹ Thesaurus ID	17	7
P1296	Gran Enciclopedia Catalana ID	10	7
P8408	KBpedia ⁸⁰ ID	16	7

⁷⁷ International Classification of Diseases, Tenth Revision, Clinical Modification

⁷⁸ International Classification of Diseases, Ninth Revision

⁷⁹ Biblioteca Nazionale Centrale di Firenze (Central National Library of Florence, Italy)

⁸⁰ <https://kbpedia.org/>

Table S7. Main Wikidata properties used to represent the external identifiers of humans and sovereign states related to the COVID-19 pandemic (as of August 31, 2020).

Wikidata ID	Wikidata Property	Sovereign states	Humans
P214	VIAF ID	159	654
P7859	WorldCat Identities ID	146	548
P244	Library of Congress authority ID	125	458
P213	ISNI ⁸¹	100	443
P646	Freebase ID	124	379
P2002	Twitter username	16	353
P227	GND ⁸² ID	125	308
P345	IMDb ID		274
P268	Bibliothèque nationale de France ID	177	269
P269	IdRef ⁸³ ID	84	265
P998	DMOZ ⁸⁴ ID	158	
P3417	Quora topic ID	141	73
P1417	Encyclopedia Britannica Online ID	138	53
P5400	GeoNLP ID	128	
P349	National Diet Library ID	127	54
P4801	LoC MARC ⁸⁵ vocabularies ID	126	

⁸¹ <https://isni.org/>

⁸² Gemeinsame Normdatei (German National Library, Germany), https://www.dnb.de/DE/Professionell/Standardisierung/GND/gnd_node.html

⁸³ Identifiants et Référentiels pour l'enseignement supérieur et la recherche (Identifiers and credentials for higher education and research in France)

⁸⁴ Directory Mozilla (<https://dmoz-odp.org/>)

⁸⁵ <https://www.loc.gov/marc/>

Table S8. Main Wikidata properties used to represent the external identifiers for other Wikidata classes related to the COVID-19 pandemic (as of August 31, 2020).

Wikidata Class	Wikidata ID	Wikidata Property	Count
drug [Q11173]	P6689	MassBank accession ID	44
drug [Q11173]	P4964	SPLASH ⁸⁶	31
protein [Q8054]	P638	PDB structure ID	31
film [Q11424]	P345	IMDb ID	25
film [Q11424]	P2603	Kinopoisk film ID	23
film [Q11424]	P7177	Cinestaan film ID	22
disease outbreak [Q3241045]	P3984	subreddit	22
protein [Q8054]	P637	RefSeq ⁸⁷ protein ID	18
committee group motion [Q97695005]	P8433	Swedish Riksdag document ID	18
film [Q11424]	P2529	ČSFD ⁸⁸ film ID	17
drug [Q11173]	P267	ATC ⁸⁹ code	17
protein [Q8054]	P352	UniProt protein ID	16
protein [Q8054]	P5458	Guide to Pharmacology Target ID	15
COVID-19 app [Q89288125]	P7771	PersonalData.IO ID	14
gene [Q7187]	P351	Entrez Gene ID	12
COVID-19 app [Q89288125]	P3418	Google Play Store app ID	12
gene [Q7187]	P2393	NCBI locus tag	11
macromolecular complex [Q22325163]	P7718	Complex Portal accession ID	11
protein fragment [Q78782478]	P638	PDB structure ID	11
drug [Q11173]	P231	CAS Registry ⁹⁰ Number	9
drug [Q11173]	P715	DrugBank ID	9
drug [Q11173]	P665	KEGG ID	9
drug [Q11173]	P638	PDB structure ID	9
drug [Q11173]	P652	UNII ⁹¹	9
protein [Q8054]	P705	Ensembl protein ID	8
COVID-19 app [Q89288125]	P3861	App Store app ID (global)	8
drug [Q11173]	P595	Guide to Pharmacology Ligand ID	8
drug [Q11173]	P6366	Microsoft Academic ID	8
disease outbreak [Q3241045]	P3479	Omni topic ID	7
taxon [Q16521]	P5055	IRMNG ID	6
taxon [Q16521]	P685	NCBI taxonomy ID	6

⁸⁶ Spectral Hash Identifier (<https://splash.fiehnlab.ucdavis.edu/>)

⁸⁷ NCBI Reference Sequence Database (<https://www.ncbi.nlm.nih.gov/refseq/>)

⁸⁸ Česko-Slovenská filmová databáze (Czech-Slovak Film Database, <https://www.csfd.cz/>)

⁸⁹ Anatomical Therapeutic Chemical (ATC) Classification System (https://www.whooc.no/atc_ddd_index/)

⁹⁰ <https://www.cas.org/support/documentation/chemical-substances>

⁹¹ Unique Ingredient Identifier (<https://fdasis.nlm.nih.gov/srs/>)

- **Supplementary Figures**

This section of the supplementary data includes an additional array of visualizations that were not able to fit in the main text but that exemplify the diversity of additional valuable information that can be extracted out of the Wikidata knowledge base.

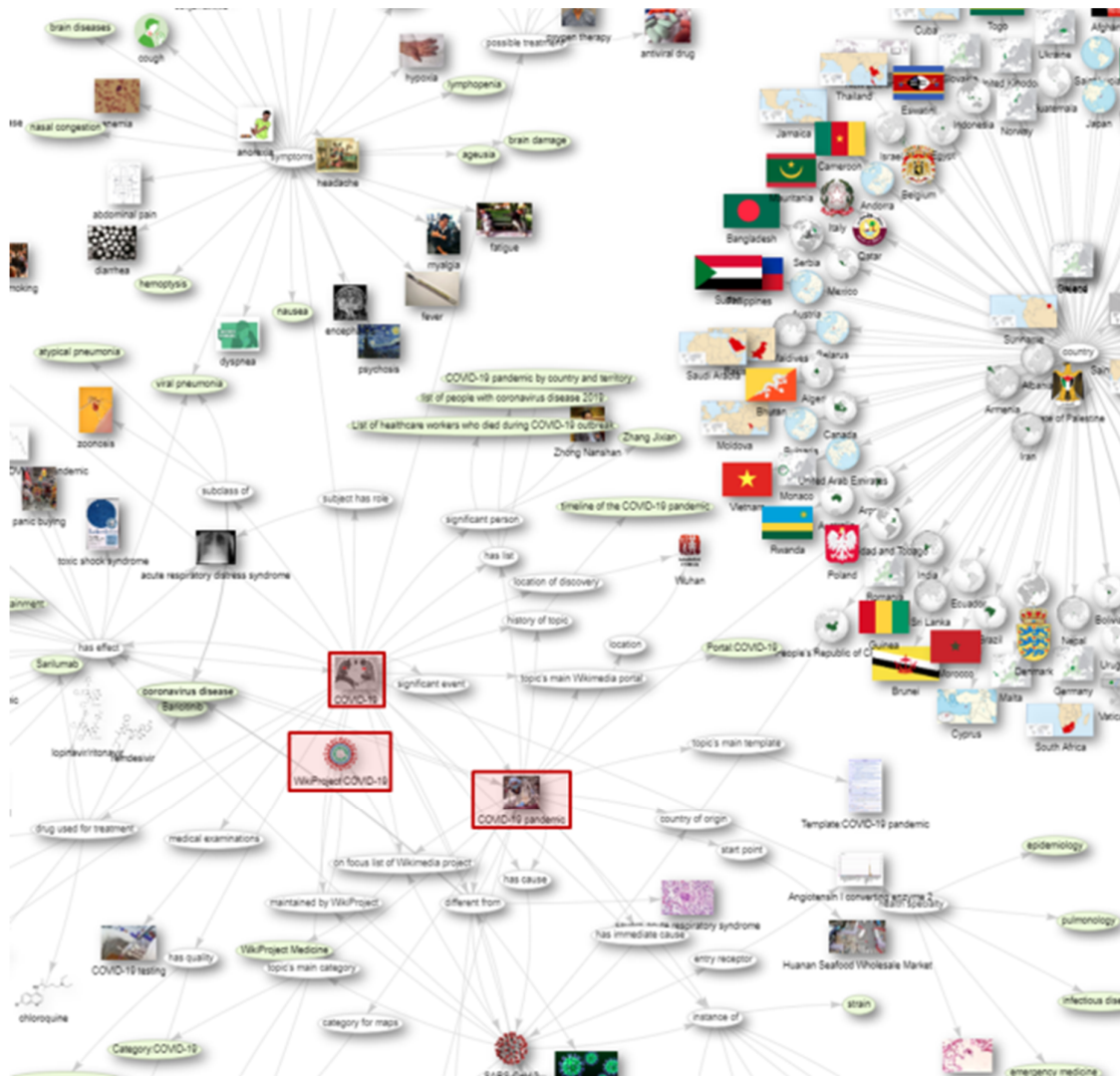


Fig. S1. Snapshot of the extended graph of the three main COVID items and the statements for which they are the subject. Linked items demonstrate the variety of topics for which the three main COVID items (indicated in red) are the subject and present a small subset of the classes indicated in Fig. 2. (Available at: <https://w.wiki/cPa>, live data: <https://w.wiki/xYE>, Access Date: August 19, 2020)

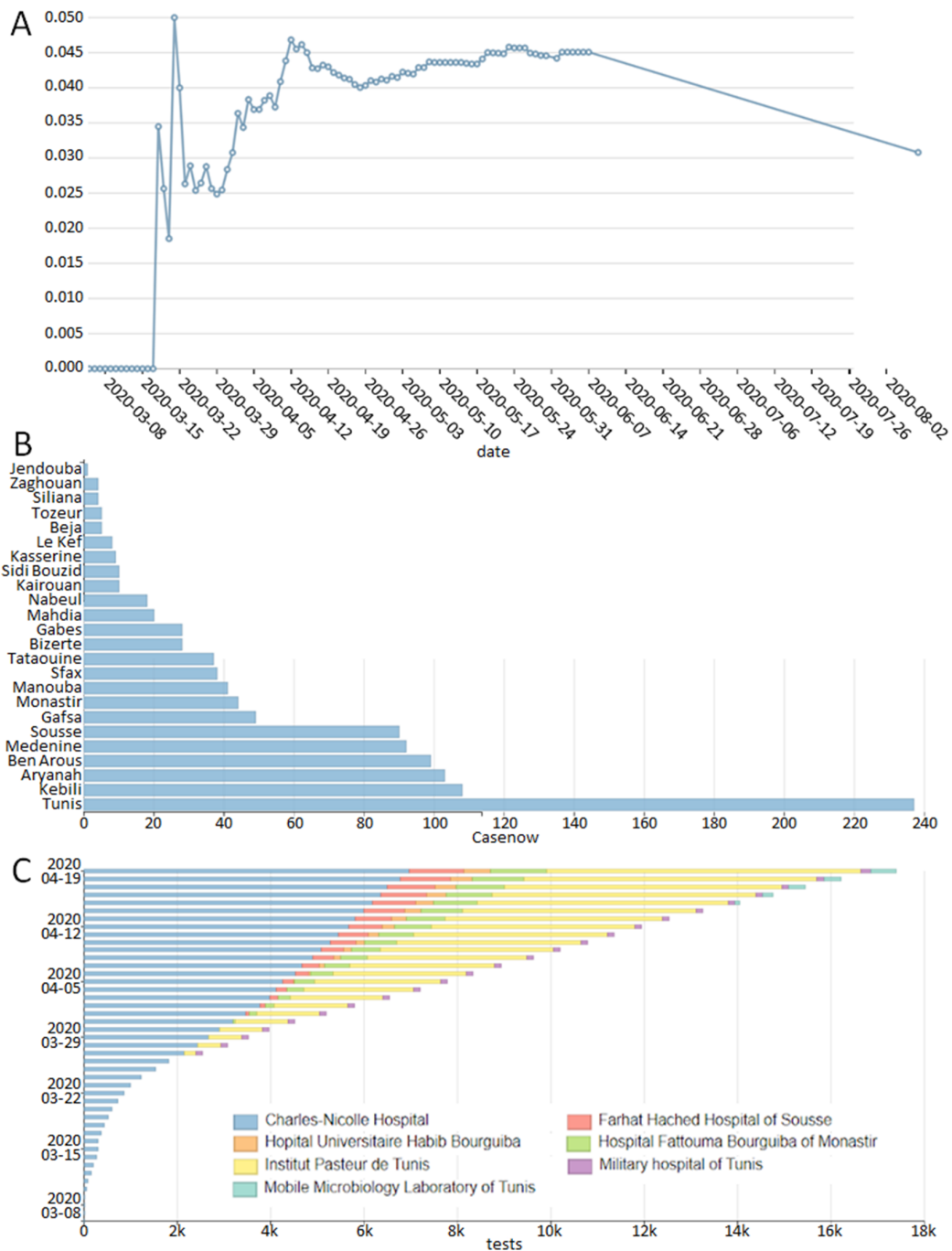


Fig. S2. Epidemiological data for Tunisia as of August 16, 2020 as used by the <https://speed.ieee.tn> dashboard website (Available at: <https://w.wiki/eQC>). A) Daily mortality rate from COVID-19 in Tunisia (live data: <https://w.wiki/N2p>). B) Tunisian governorate-level cases (live data: <https://w.wiki/N9Y>). C) Daily change in clinical tests by laboratory in Tunisia (live data: <https://w.wiki/NEb>).

A

A pneumonia outbreak associated with a new coronavirus of probable bat origin

Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China

A Novel Coronavirus from Patients with Pneumonia in China, 2019

A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster

Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus-Infected Pneumonia

A new coronavirus associated with human respiratory disease in China

Structure of SARS coronavirus spike receptor-binding domain complexed with receptor.

Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation

Features and development of Coot

SARS and MERS: recent insights into emerging coronaviruses.

B

77	Q wd:Q63881333	Ralph S Baric	Q wd:Q91697408	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection
73	Q wd:Q1079331	Christian Drosten	Q wd:Q83388131	The continuing 2019-nCoV epidemic threat of novel coronaviruses to global health - The latest 2019 novel coronavirus outbreak in Wuhan, China
50	Q wd:Q77049459	Zihe Rao	Q wd:Q24817106	Design of wide-spectrum inhibitors targeting coronavirus main proteases
49	Q wd:Q55186759	Eric J Snijder	Q wd:Q36676674	Discovery of an essential nucleotidylating activity associated with a newly delineated conserved domain in the RNA polymerase-containing protein of all nidoviruses.
43	Q wd:Q37063445	Stefan Pöhlmann	Q wd:Q28730201	Influenza and SARS-coronavirus activating proteases TMPRSS2 and HAT are expressed at multiple sites in human respiratory and gastrointestinal tracts
41	Q wd:Q89552216	Michael Farzan	Q wd:Q28188496	Angiotensin-converting enzyme 2 is a functional receptor for the SARS coronavirus
39	Q wd:Q28152069	Edward C. Holmes	Q wd:Q34545653	Redefining the invertebrate RNA virosphere.
39	Q wd:Q84383569	Xiao-Shuang Zheng	Q wd:Q84367633	A pneumonia outbreak associated with a new coronavirus of probable bat origin
37	Q wd:Q88324943	Xu-Rui Shen	Q wd:Q84367633	A pneumonia outbreak associated with a new coronavirus of probable bat origin
37	Q wd:Q89108863	Barney S. Graham	Q wd:Q45323629	Safety, tolerability, and immunogenicity of two Zika virus DNA vaccine candidates in healthy adults: randomised, open-label, phase 1 clinical trials.

Figure S4. Partial citation network within Wikidata as of August 16, 2020 (Available at: <https://w.wiki/cQV>). The citation network around COVID-19 is currently rather incomplete but part of the larger, ongoing WikiCite project to represent all citation data within Wikidata as a fully open citation network. A) publications cited from C3 papers (live data: <https://w.wiki/bSh>) B) authors most frequently cited by C3 papers (live data: <https://w.wiki/bSi>).

count	venue	venueLabel	publisherLabel
2036	Q wd:Q58465838	medRxiv	Cold Spring Harbor Laboratory
1155	Q wd:Q546003	The BMJ	BMJ
823	Q wd:Q15716684	Journal of Medical Virology	Wiley-Blackwell
532	Q wd:Q19835482	bioRxiv	Cold Spring Harbor Laboratory
507	Q wd:Q5133764	Clinical Infectious Diseases	Oxford University Press
469	Q wd:Q939416	The Lancet	Elsevier
428	Q wd:Q6051382	International Journal of Environmental Research and Public Health	MDPI
420	Q wd:Q6295344	Journal of Infection	Elsevier
389	Q wd:Q1470970	Journal of the American Medical Association	American Medical Association
356	Q wd:Q15262334	International Journal of Infectious Diseases	Elsevier
347	Q wd:Q15766374	Dermatologic Therapy	Wiley-Blackwell
329	Q wd:Q582728	The New England Journal of Medicine	Massachusetts Medical Society
311	Q wd:Q6029185	Infection Control and Hospital Epidemiology	University of Chicago Press
274	Q wd:Q15724248	The Lancet Infectious Diseases	Elsevier

Figure S5. Most common publication venues for C3-themed papers (published and preprint) as of August 16, 2020. Even with Wikidata's currently incomplete coverage of articles hosted on preprint servers, they are clearly a significant location for COVID-related publications (Available at: <https://w.wiki/cQX>, live data: [https://w.wiki/bd\\$](https://w.wiki/bd$)).

Start date	Trial	Intervention	Sponsor
2020-05-12	Acalabrutinib Study With Best Supportive Care Versus Best Supportive Care in Subjects Hospitalized With COVID-19.		AstraZeneca
2020-05-10	COVID-19 Pneumonitis Low Dose Lung Radiotherapy (COLOR-19)		
2020-05-05	Levamisole and Isoprinosine in the Treatment of COVID19: A Proposed Therapeutic Trial	azithromycin	
2020-05-05	Levamisole and Isoprinosine in the Treatment of COVID19: A Proposed Therapeutic Trial	levamisole	
2020-05-05	Levamisole and Isoprinosine in the Treatment of COVID19: A Proposed Therapeutic Trial	hydroxychloroquine	
2020-05-05	Levamisole and Isoprinosine in the Treatment of COVID19: A Proposed Therapeutic Trial	inosine pranobex	
2020-04-24	Acalabrutinib Study With Best Supportive Care Versus Best Supportive Care in Subjects Hospitalized With COVID-19. CALAVI (Calquence Against the Virus)		AstraZeneca
2020-04-16	Austrian CoronaVirus Adaptive Clinical Trial (COVID-19)	candesartan	Medical University of Vienna
2020-04-16	Austrian CoronaVirus Adaptive Clinical Trial (COVID-19)	hydroxychloroquine	Medical University of Vienna
2020-04-16	Austrian CoronaVirus Adaptive Clinical Trial (COVID-19)	chloroquine	Medical University of Vienna

Fig. S6. Information regarding clinical trials on interventions to treat COVID-19 as of August 16, 2020 (Available at <https://w.wiki/cQb>, live data: <https://w.wiki/bav>)

toolLabel	COVID-19 European Dashboard
tool	Q wd:Q91219501
typeLabel	COVID-19 dashboard
URL	< https://qap.ecdc.europa.eu/public/extensions/COVID-19/COVID-19.html >
publisherLabel	European Centre for Disease Prevention and Control
licenseLabel	All Rights Reserved
toolLabel	COVID Racial Data Tracker
tool	Q wd:Q96655300
typeLabel	COVID-19 dashboard
toolLabel	COVID Atlas
tool	Q wd:Q96777164
typeLabel	COVID-19 dataset
toolLabel	COVID Atlas
tool	Q wd:Q96777164
typeLabel	COVID-19 search engine
toolLabel	Apturi Covid
tool	Q wd:Q97058482
typeLabel	COVID-19 app

Fig. S7. Computer applications and their types as of August 16, 2020 (Available at: <https://w.wiki/cQg>, live data: <https://w.wiki/NVp>)

A

count	award	awardLabel	recipients
4	Q wd.Q15631401	Fellow of the Royal Society	Bryan Grenfell, Malk Peiris, Edward C. Holmes, Gagandeep Kang
4	Q wd.Q24081923	Fellow of the Academy of Medical Sciences	Simon Wessely, Maria Zambon, Neil M. Ferguson, Clive Ballard
3	Q wd.Q7241433	Presidential Early Career Award for Scientists and Engineers	Russ Altman, John Brownstein, Namandjé N. Bumpus
3	Q wd.Q10762848	Officer of the Order of the British Empire	Bryan Grenfell, W. John Edmunds, Neil M. Ferguson
3	Q wd.Q26204035	Fellow of the Royal College of Physicians	Simon Wessely, Francine Ntoumi, Philip I. Murray
3	Q wd.Q59767813	Fellow of the American Institute for Medical and Biological Engineering	Russ Altman, Cato T. Laurencin, Elizabeth Krupinski
3	Q wd.Q63208574	Fellow of the African Academy of Sciences	Alimuddin Zumla, Abba Gumel, Francine Ntoumi
2	Q wd.Q5442484	AAAS Fellow	Ira Longini, Betz Halloran
2	Q wd.Q23697744	Kurt Lewin Medal	Alexander Haslam, Jolanda Jetten
2	Q wd.Q59771498	Fellow of the Academy of the Social Sciences in Australia	Helen Christensen, Jolanda Jetten
2	Q wd.Q59771619	Fellow of the Australian Academy of Health and Medical Sciences	Helen Christensen, Katherine Kedzierska
2	Q wd.Q61744587	Fellow of the American Statistical Association	Ira Longini, Betz Halloran
2	Q wd.Q72859645	Associate Fellow of the African Academy of Sciences	Cato T. Laurencin, George F. Gao

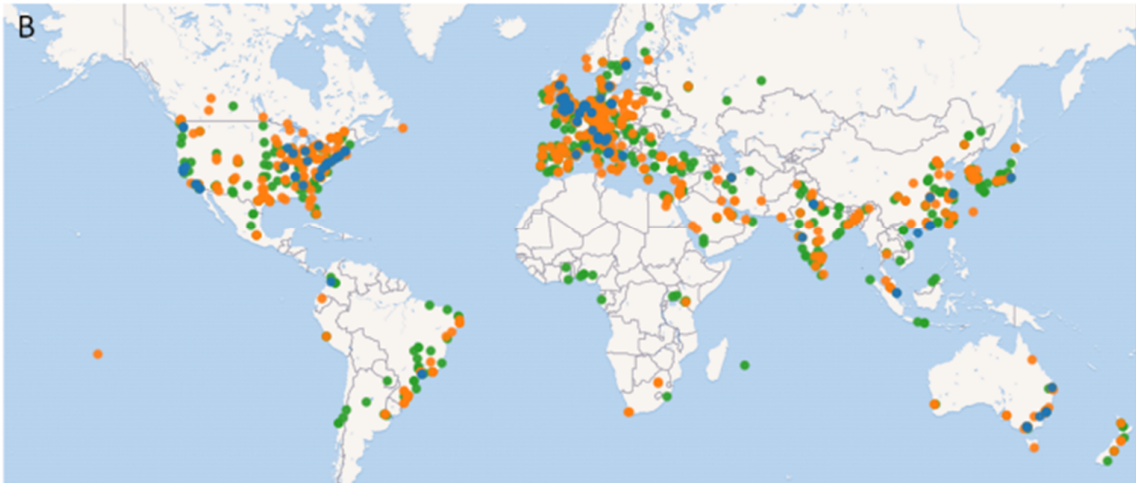
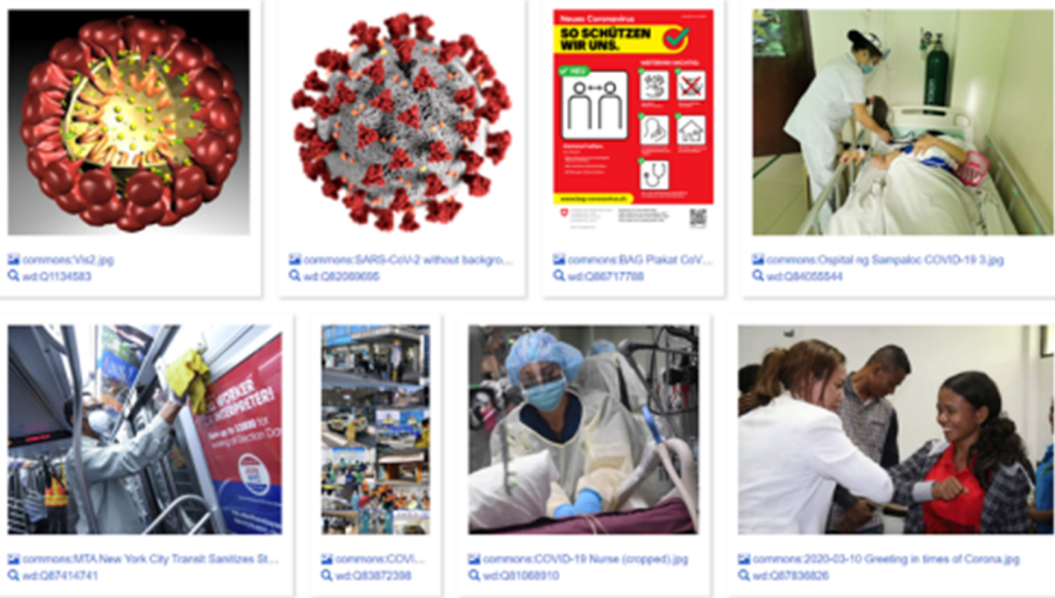


Fig. S8. Information on authors of articles on COVID-related topics as of August 16, 2020 (Available at: <https://w.wiki/cQh>). A) Awards most frequently received by authors of C3 papers (live data: <https://w.wiki/ban>), B) Map of organizations associated with works about C3 with institutions that have published a single paper on the topic in green, those that have published 1-10 in orange, and those having published >10 in blue (live data: <https://w.wiki/cG4>).

A



B

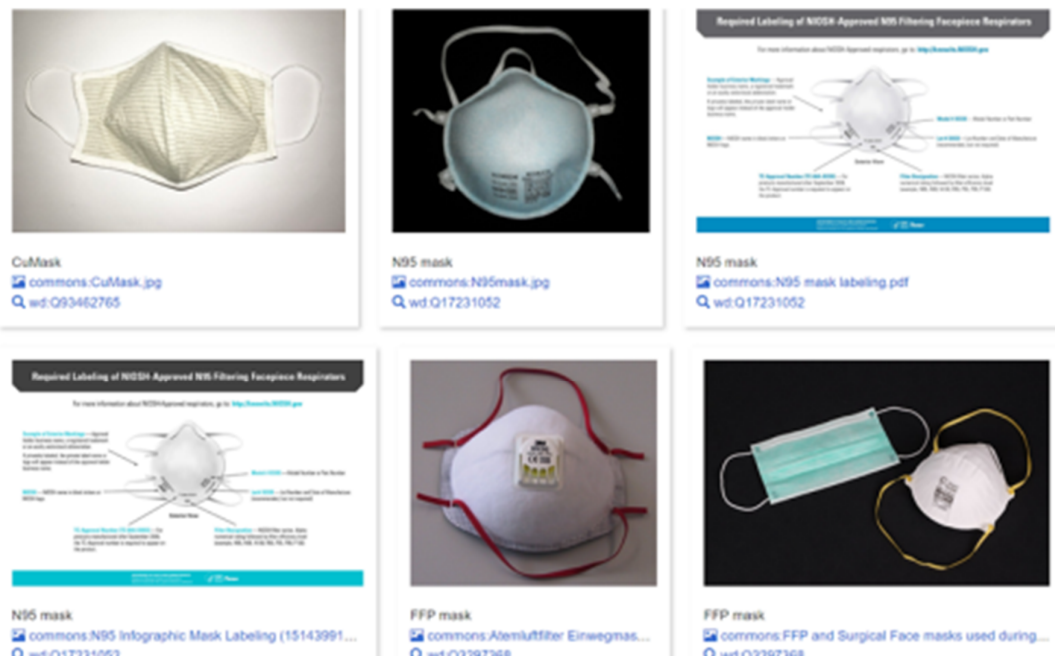


Fig. S10. COVID-related images based on structured data as of August 16, 2020 (Available at: <https://w.wiki/cQt>). Images in wikimedia commons used to be organised solely by a hierarchical category structure. Since 2019, structured data can be associated with images via Wikidata statements. A) Images from Wikimedia Commons about COVID-19 pandemic and SARS-CoV-2 with a CC-BY-compatible license (live data: <https://w.wiki/Zsn>). B) Images of face masks used during COVID-19 pandemic with a CC-BY-compatible license (live data: <https://w.wiki/bzG>).