

Introducción al análisis y manejo de datos con el programa

Transformaciones

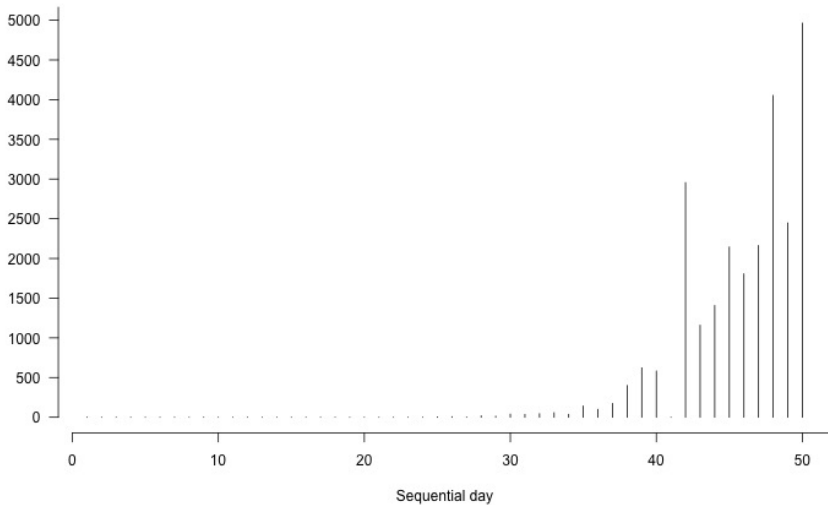
Isaac Subirana & Joan Vila

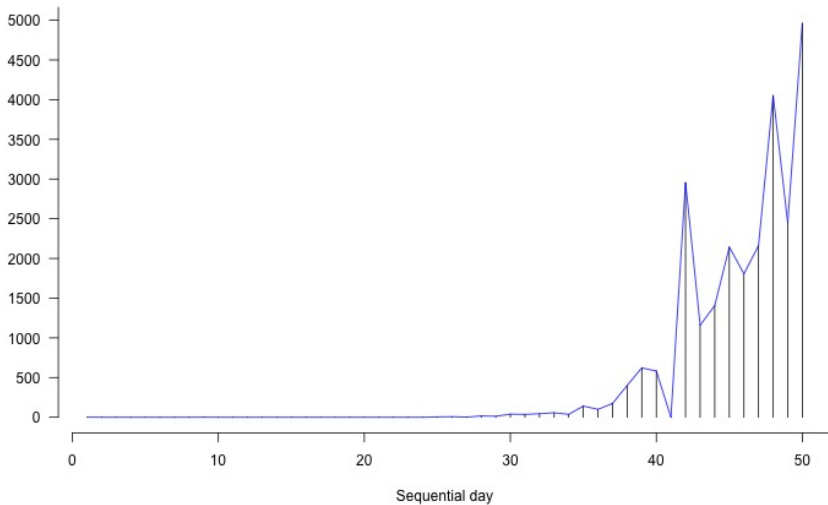
`isubirana@imim.es & jvila@imim.es`

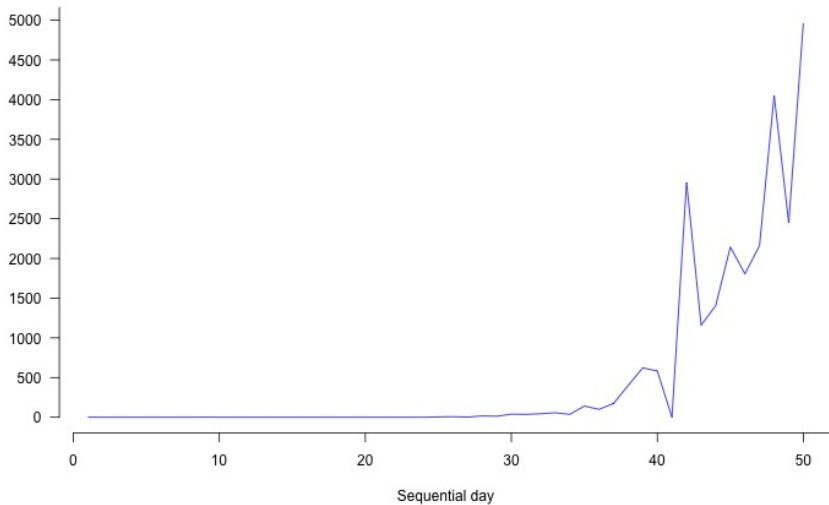
Cardiovascular epidemiology and genetics
Cardiovascular risk and nutrition
(IMIM-Institut Hospital del Mar d'Investigacions Mèdiques)

IMIM
Mayo 2019

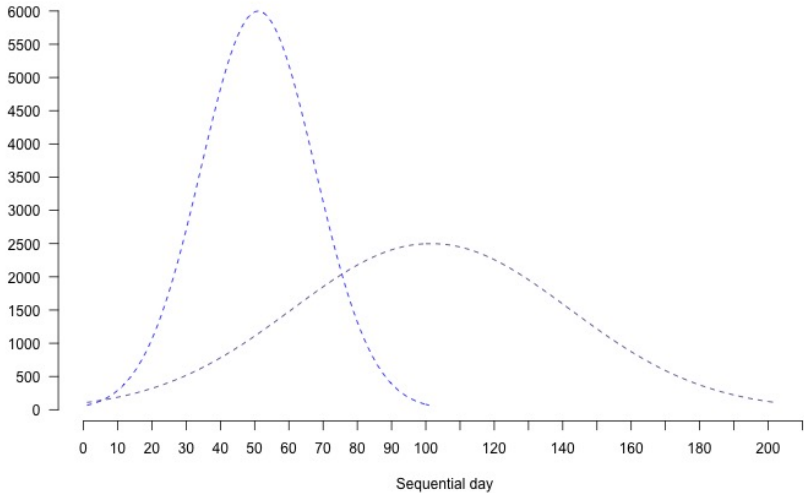
date	DailyCases	CumCases
2020-02-01	1	1
2020-02-02	0	1
2020-02-03	0	1
.	.	.
.	.	.
2020-02-08	0	1
2020-02-09	1	2
2020-02-10	0	2
.	.	.
.	.	.
2020-02-24	0	2
2020-02-25	4	6
2020-02-26	7	13
2020-02-27	2	15
2020-02-28	17	32



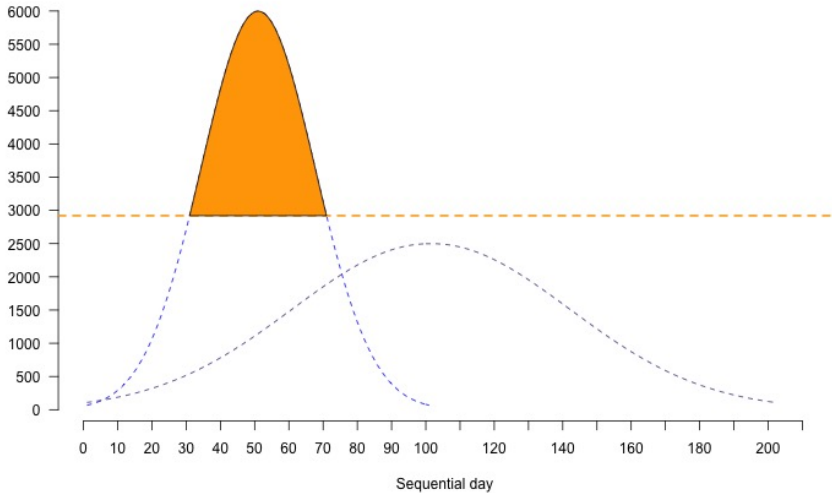




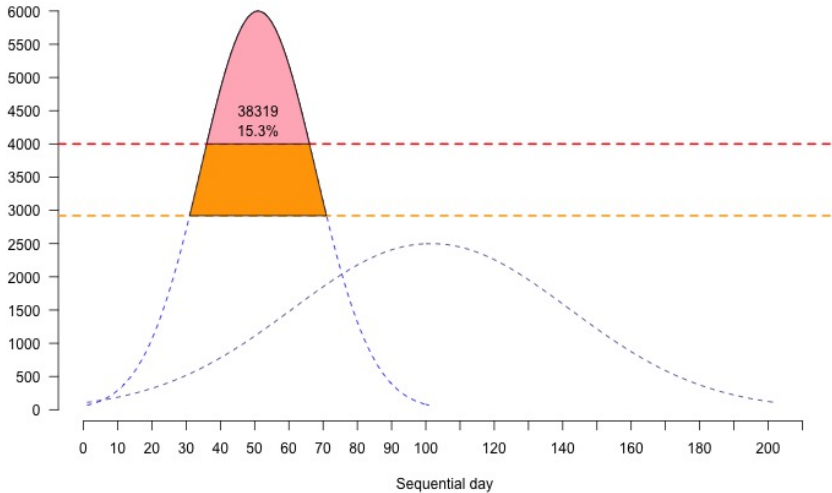
Daily Cases (up to 250000)

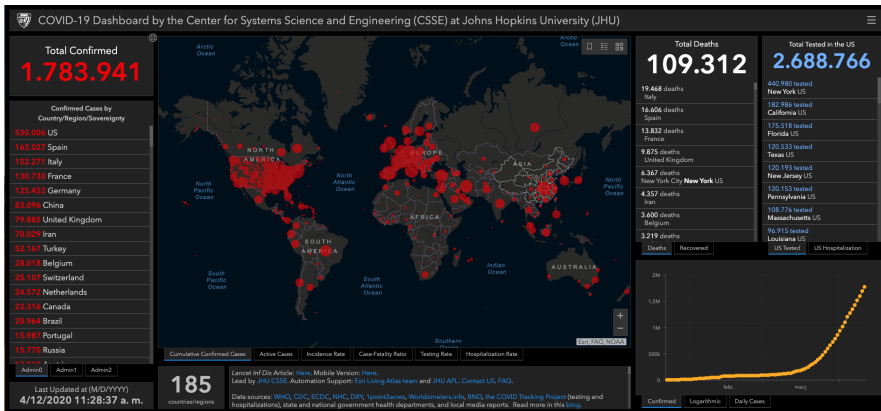


Daily Cases (up to 250000)



Daily Cases (up to 250000)







Why GitHub? ▾ Enterprise Explore ▾ Marketplace Pricing ▾

Search

Sign in

Sign up

CSSEGISandData / COVID-19

Watch

928

★ Star

20.2k

Fork

10.9k

Code

Issues 1,133

Pull requests 225

Actions

Projects 0

Security

Insights

Branch: master ▾

COVID-19 / csse_covid_19_data / csse_covid_19_time_series /

Create new file

Find file

History



CSSEGISandData automated update

Latest commit dcd4181 10 hours ago

..

.gitignore

update

2 months ago

README.md

note update

12 days ago

time_series_covid19_confirmed_US.csv

automated update

10 hours ago

time_series_covid19_confirmed_global.csv

automated update

10 hours ago

time_series_covid19_deaths_US.csv

automated update

10 hours ago

time_series_covid19_deaths_global.csv

automated update

10 hours ago

time_series_covid19_recovered_global.csv

automated update

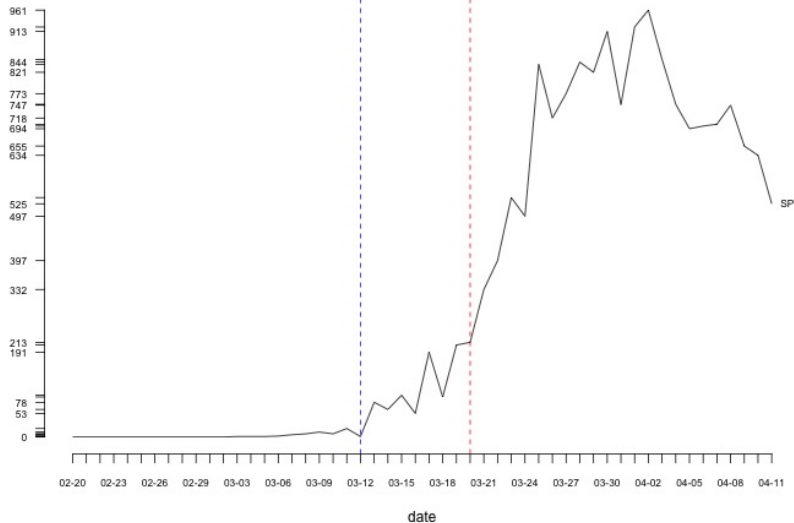
10 hours ago

Possible outcomes:

- Confirmed cases
- **Deaths**
- Hospital discharges
- Hospital Admissions
- ICU Admissions
- etc.

date	DailyDeaths	CumDeath
2020-03-02	0	0
2020-03-03	1	1
2020-03-04	1	2
2020-03-05	1	3
2020-03-06	2	5
2020-03-07	5	10
2020-03-08	7	17
2020-03-09	11	28
2020-03-10	7	35
2020-03-11	19	54
.	.	.
.	.	.

Daily Deaths (*) according to
CSSE at Johns Hopkins University



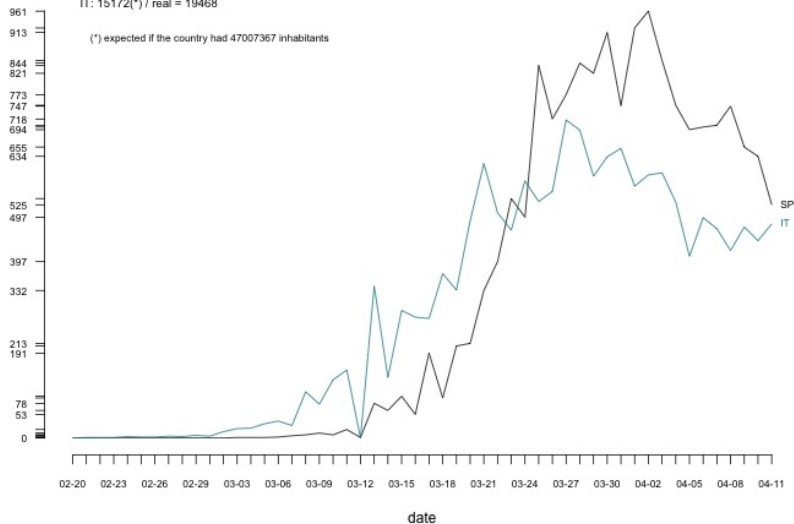
Cumulated deaths

SP: 16606

IT: 15172(*) / real = 19468

Daily Deaths according to
CSSE at Johns Hopkins University

(*) expected if the country had 47007367 inhabitants



Cumulated deaths

SP: 16606

GE: 1549(*) / real = 2736

FR: 9694(*) / real = 13832

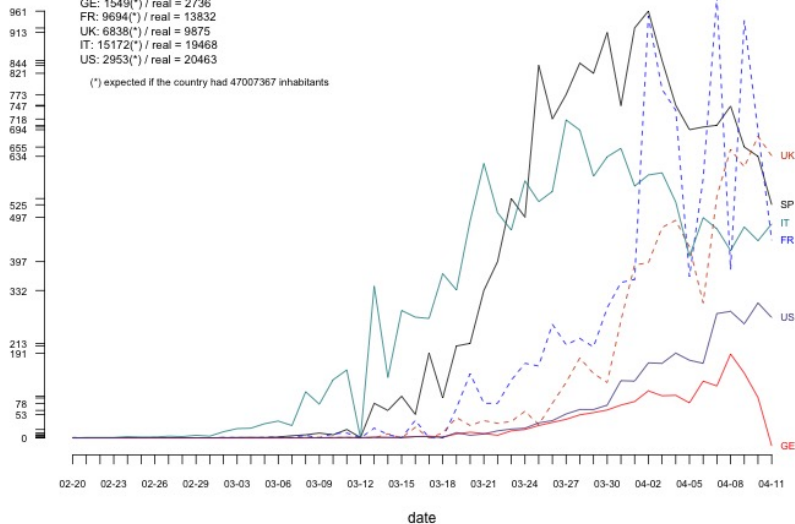
UK: 6838(*) / real = 9875

IT: 15172(*) / real = 19468

US: 2953(*) / real = 20463

(*) expected if the country had 47007367 inhabitants

Daily Deaths (*) according to
CSSE at Johns Hopkins University



Statistical Institute of Catalonia

Data

Services

Methods

The Institute



Annual Indicators → Demography · Society → Health

Incidence of COVID-19

Download ⬇

Incidence of COVID-19. By date of reporting
Catalonia.

	New confirmed cases per day	Deaths per day	Hospital discharges per day	Total confirmed cases	Total deaths	Total hospital discharges
11/04/2020	1,043	111	677	34,027	3,442	14,975
10/04/2020	1,257	100	785	32,984	3,331	14,298
09/04/2020	684	83	450	31,727	3,231	13,513
08/04/2020	1,396	107	813	31,043	3,148	13,063
07/04/2020	1,324	133	1,512	29,647	3,041	12,250
06/04/2020	1,499	148	650	28,323	2,908	10,738
05/04/2020	792	123	560	26,824	2,760	10,088
04/04/2020	1,298	129	893	26,032	2,637	9,528
03/04/2020	1,274	173	786	24,734	2,508	8,635
02/04/2020	1,656	242	932	23,460	2,335	7,849
01/04/2020	1,813	244	1,216	21,804	2,093	6,917
31/03/2020	1,218	177	735	19,991	1,849	5,701

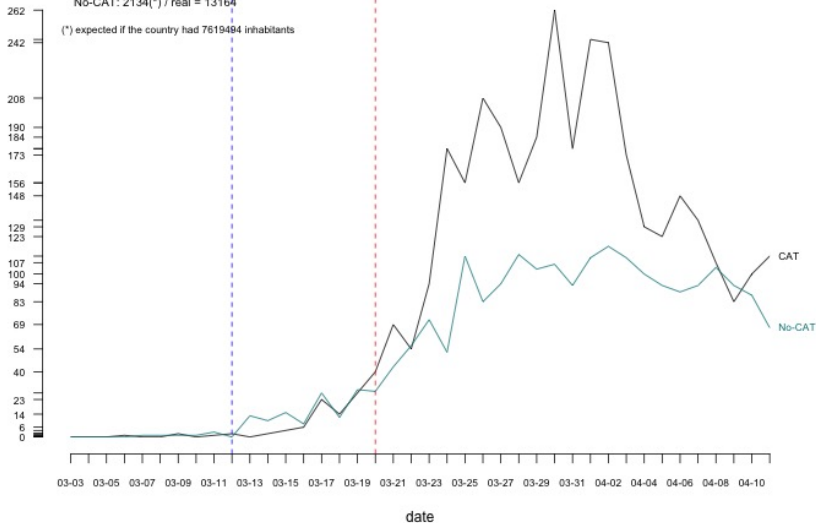
Cummulated deaths

CAT: 3442

No-CAT: 2134(*) / real = 13164

(*) expected if the country had 7619494 inhabitants

Daily Deaths (*) according to
CSSE at Johns Hopkins University & IDESCAT



Links to:

- [*IDESCAT*](#)
- [*CSSE at Johns Hopkins University Time Series*](#)