Genetics

Genetics

Only Option

Great wild reservoir

why

Where x is the proportion of the population susceptible

Did experience of these

provide a kind of 'social vacination'

of the South Asian countries - Taiwan, Hong Kong, etc?

Covid 19



Pandemic

Shakespeare

Virus

R



Other Virus

Seasonal Flu

Bubonic Plague

R=R0x



R Reproductive number as it relates to contact rate and infectious period

Say that an infectious individual makes β contacts per unit time producing new infections with a mean infectious period of 1/γ. Therefore, the basic reproduction number is R0 = β/γ

So for

Sars Covid 19

R=4.7 . 0.85

￼ R=3.995

R0=For COVID\_19 1.4 to 5.7

Basic reproduction number (R0)

The basic reproduction number (R0) is used to measure the transmission potential of a disease. It is the average number of secondary infections produced by a typical case of an infection in a population w



Vacine



Winter flu breaks out every year because small mutations in the flu virus let it dodge antibodies we made to protect us from the last flu we got. It isn’t totally different from that last flu, so we are partly immune, and the infection may be mild. But every now and then an influenza A virus breaks out carrying surface proteins that are very different. This “pandemic” flu spreads like wildfire regardless of the season – and often more, and younger, people die. Survivors do gain some immunity for next time, so the killer settles down and becomes regular seasonal flu, drifting along until the next pandemic flu surfaces.

No Vacine

Psycology

Biology

Chemistry

No regional firebreak

No national firebreak

No state firebreak

No city firebreak



Person to pearson

ACE2 Binding Site

Genetics

Why can't you kill a virus? Because its not alive!

CRISPR Cas9

RNA virus

Zoonotic

Bats?

SARS

MERS

AIDS

Protein

Behavioural responses

Individual

Group

National

Differential Outcomes?

Young

Old

Ethnicity

Link to genetics?

Ethics

Information

Anxiety

Privacy

Fear

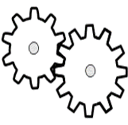
Conspiracy Theorys

5G towers

Miss Information

Anti Vacers

Redistribution of 'Value' Celeb vs Care Worker?



Mathematic Models

Link to a Python model with results.

Social behaviour (masks etc)

Trust in authority

Population density

Per Capita Death Rates