

If Coronavirus Pandemic Merely has Bad Sides but No any Good Sides?

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Abstract

The author used his equation $E=7B2^{44}$ to explain the possibility of Covid-19 pandemic that might be able to increase the health condition of the human population after pandemic era, which may also conformed with the common philosophy rule that everything may have both its bright side and dark side. And it also raised a question how urgent that we need to establish the "World Leaders Education Institute" to nurse the future world leaders, in order to postpone doomsday.

Key words: Covid-19 pandemic, philosophy, world, marriage, immunity, vaccine

If a person says that the coronavirus pandemic has a hundred bad sides, people will accept that opinion unquestionably. However, if a person says that the coronavirus pandemic has a good side for mankind, people will say that person has a mental problem, or, who has gotten mad. Maybe I have a mental problem already, or, I have gotten something mad, because I felt that the coronavirus pandemic has at least one big good side for the whole mankind. Of course, many a man who heard my words could be astonished and will raise a question to me immediately: "What is the coronavirus pandemic's bright side?" Before answering that question, I must first counter ask: "Have you ever heard the Gao's equation?" I guess most people will say no. Thus, it seems to me necessary to explain to you guys a little bit about that equation first.

Gao's equation writes as $E=7B2^{44}$. Naturally, people will further ask: "What is the real meaning of that equation?" That simple equation was first proposed by me 9 years ago in A. D. 2012. It could be referred to as the sister equation of the famous Einstein Equation, $E=MC^2$, because that you can find that the two equations have rather similar appearances, although those two letters of "E" in two equations have fundamentally different meanings. In Gao's equation "E" means the weight of the Earth, but it doesn't represent the energy as shown in the Einstein's equation. At the right side of Gao's equation, "B" represents the weight of one billion of the human population. In the year A. D. 2012, the whole human beings population had just reached 7 billion. That figure can be easily found by searching the website. If the average weight of a man is 50 kg, then, 7 billion population of people go through 44 times of duplication, the total weight of whole human bodies will be a little heavier than the estimated weight of the earth. If the population doubling time needed is around the 35 years, then, A. D. 3552 could become the doomsday, or, doomsayer (Johnson Gao, 2016). [1, 2]

I must frankly to tell you further. Should the average area size needed to support normal living per capita and the arable farmland of the earth that can produce goods to meet the need for a living instead of the weight of the whole population and the earth, are considered, the doomsday shall fall much earlier than A. D. 3552.

In the coming few hundred of years human beings will severely face the problem of global poverty and closer to the doomsday (Johnson K. Gao, 2016, 2020). [2, 3]

Here is my calculation done based on the entire Earth-land surface E_S ($148.3 \times 10^{12} M^2$); the average minimum area required per man (my calculation is $982.28 M^2$, refer to literature 3) and $7B_S$ mean the total areas of land required by 7 billion populations.

Because $E_S = m7B_S 2^X$

So, that $148.3 \times 10^{12} M^2 = 982.28 M^2 \times 7 \times 10^9 \times 2^X$

Or, 2^X equals to $148.3 \times 10^{12} M^2$ to be divided by $982.28 M^2 \times 7 \times 10^9$

Or, $2^X = 21.568$

When $X = 4$, $2^4 = 16$, which is less than 21.568.

When $X = 5$, $2^5 = 32$, which is greater than 21.568.

When $X = 4.44$, $2^{4.44} = 21.706$. That value is a little bit heavier than 21.568.

If the world population doubling time is 35 years, then 35 years $\times 4.44 = 155.4$ years.

If the world population doubling time is 50 years, then 50 years $\times 4.44 = 222$ years.

Since in the year A. D. 2012, the entire world's population had reached seven billion, we used the year A. D. 2012 + 155.4 = A. D. 2167.4, and the year of A. D. 2012 + 222 = A. D. 2234.

So, the continuation from A. D. 2107 ~ 2147 (which are the end of the first world tide of immigration from poor countries to rich countries) extending to A. D. 2167.4 ~ 2234 and between that duration, the more people give birth, the less life required lands could be shared with. People's lives will change from a well-being status to a global poverty. Thus, it will appear the world's second immigration climax. The characteristic of that second climax of immigration is its direction towards barren mountains and vast deserts. More detailed information on three inevitable worldwide immigration climaxes, please read my article that I published four years ago [3] It was also quoted in my book published in 2020 (Johnson K. Gao 2020). [4]

Suppose that the doomsday could be governed by $E=7B2^{44}$ or $E_S = m7B_S 2^X$, the critical point of accuracy is the years of population

doubling time needed. The longer time duration needed for population doubling, the later to come of the doomsday. Obviously, there could exist many factors that could prolong the doubling time needed, such that, war, famine, family planning, pandemic diseases, the various natural disasters, etc.

Up to date September 24, 2021, the global deaths caused by Covid-19 are 4,749,160 (out of the total cases of 231,774,891). [5] While the global human population growth amounts are around 83 million annually, or 1.1% of the current population. The global population has grown from 1 billion in 1800 to 7.9 billion in 2020. However, Syria, Niger, Benin, Uganda, Indonesia, United States, India, China, etc. are still in increasing their population noticeably. When using 4.8 million deaths in Covid-19 pandemic in compared with 83 million annually human population growth (about 1/17.29), it is only a gentle brake to the fast accelerating of ever-increasing population growth rate. It is “杯水車薪” (to use a cup of water to extinguish a wagon’s fire), or, “小巫見大巫” (a little witch against a giant witch). Should the human population's fast increase not be fully controlled, there might be many kinds of virus pandemic continuously to follow, to inhibit the human population growth. That might be conformed to the law of natural selection.

In my opinion, Covid-19 vaccines couldn't reach 100% of preventive effectiveness, since even in the US and India there may have 1.781% and 1.341% immune dysfunctional individuals in the society. You shall not totally believe in certain pharmaceutical companies' reports in their vaccine's effectiveness. To my judgment either they could have decorated their data or they had excluded those individuals, who belong to the natural immune dysfunctional individuals in their experiment. It could be naïve or ridiculous to believe in any vaccines that can 100% prevent the Covid-19 case to appear. Don't let the advertising “horses” of pharmaceutical companies running your brains. Please see my hypothetic configuration of the immune function status in the population.

Table of two characters segregation
(Parents)
PpKk x PpKk
(Both produce four gamets)
PK Pk pK pk
(16 combinations of genotypes in zygote)

	PK	Pk	pK	pk
PK	PPKK	PPKk	PpKK	PpKk
Pk	PPKk	Ppkk	PpKk	Ppkk
pK	PpKK	PpKk	ppKK	ppKk
pk	PpKk	Ppkk	ppKk	ppkk

Table 1. Red P = phagocytosis positive gene. Red K = the gene of lysosome that can produce cytotoxin to kill bacteria. Nine yellow highlighted combinations mean that the offsprings are of phenotypes that can kill bacteria. The blue highlighted combination means that the offsprings is totally immune dysfunctional. Six green highlighted combinations mean in-complete immune function.

In the case of marriage of two hybrids after the immune good and the immune dysfunctional marriage, there could produce a ratio of 9 out of 16 (56.25%) phenotypes showing the full ability to kill the virus, and 6/16 (37.5%) phenotypes are incomplete ability to kill the virus, and 1/16 (6.25%) phenotype is totally immune dysfunctional. However, in a different nation or society, it may have a different ratio of PP and KK marriage in proportion to Pp and Kk marriage. If PP and KK marriage equals to Pp and Kk marriage, then, the immune dysfunctional number will be reduced to 1/32 (3.15%) of the population. If PP and KK marriage is two times more than Pp and Kk marriage, then, the immune dysfunctional number will further drop to 1/48 (2.08%) of the population. If PP and KK marriage is three times proportion to Pp and Kk marriage, then, the immune dysfunctional number will further drop to 1/64 (1.56%) of the population, etc. The Covid-19 is silently doing the job to help human beings to improve their health condition and immune function for the future generations. Is that not a bright side of it?

One of the critical factors to prolong whole human beings' ultimate longevity is to control the time (years) needed for the doubling of the current population. Covid-19 pandemic will definitely reduce the speed of the human population doubling. In the other word, the coronavirus, or any similar viral disease, will play some positive roll in increasing mankind's lifespan by sacrificing immune dysfunctional individuals. Is that could be considered as an unexpected gain of Covid-19 disease?

Since the Covid-19 pandemic could selectively eliminate immune system weak individuals in the whole population, it might be able to increase the health quality of the survivals in the population. And it might be able to prolong the whole of mankind's ultimate longevity due to the delaying effect of population doubling time needed. Is that one of its unexpected bright sides of the Covid-19 pandemic?

I had described in “The ultimate longevity of mankind”, (Johnson K. Gao, 2018) [6] the ultimate longevity of whole human beings could not be simply based on individuals’ tactics of personal health and longevity. On the contrary, it needs to promote Homo Sapiensism, which is a higher level than patriotism in human beings’ society development. Unfortunately, at this moment, almost all ongoing presidents or kings/Queens of various countries are still stopped at the patriotism stage. They are not qualified to lead the future world, because patriotism limited their thinking and their abilities, and their leadership. So, it is an urgent project to establish a “World Leader Education Institute”, or, many of its kind, to nurse candidates of future global leaders in order to prolong the longevity of whole human beings.

Urgently establishing the “World Leader Education Institute” was my idea postulated few years ago, but no one to praise it. The Covid-19 pandemic may help more people to pay attention to my idea, which may benefit to the whole human beings. Is that also an unexpected bright side of it?

We hope that staffs, teachers and students of the “World Leader Education Institute” will finally become atheists. But, we will not prohibit theists to become the staffs, teachers and students of the “World Leaders Education Institute”, because that theists are huge parts of human being and the Homo sapiensism is for the whole human beings’ benefit that include both atheists’ and theists’ benefits. It is hard to verify the existence of God. It is also difficult to verify the none-existence of God. Although the dog, the cat, the monkey, the insect, the bacteria, etc. are less intelligent than human beings, all animals do not believe in God. Strangely, the human being is self-recognized as the most intelligent “animal” among all living things, and there exist a large part of human beings, who have religion and who created the image of God and believe in God. It might be a shame to those “top intelligent” persons of human beings, whose intelligence are actually inferior to the dog, the cat, the monkey, the insect, the bacteria, etc. We Homo sapiensists have to work hardly to persuade those theists to accept evolutionary theory. However, it needs time and patience. So, at this moment, we must accept theists to work and study with us, as long as they agree to put the highest benefit for the whole human being, instead of improperly insist on nationalists’ benefits, and to do things that conflict with mankind’s benefit. We believe that non-Homo sapiensists can also contribute their knowledge and energy to help us to nurse the candidates of world leaders with the spirit of Homo sapiensism. That is quite similar to the situation that non-astronauts can nurse or educate real astronauts, and non-Olympic championship winners can coach or train some athletes to become Olympic medal winners. Praying to the God or worship to the Buddha could not prevent the Covid-19 to kill people. That will force people to abdicating superstition and more believe in evolutionary theory. That could be another benefit of Covid-19 pandemic to the mankind. The people who would like to laugh at me of my presentation may need to laugh at themselves with less philosophical minds. A reliable common good philosophy may agree that if everything has its dark side, it might also have its

bright side. With this line I hope that I had answered the question raised in the title of the article. Thanks for excuse my rudeness.

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