Big data analysis report of the epidemic on May 16, 2020

Since May, many countries in Africa have reached the peak of outbreak.

Brief background

Since April 2020, North America and Europe have become the focus of the global epidemic prevention and control with covid-19. The wind data team and Professor Yuan Xianzhi's big data model team work together to launch analysis reports from time to time and share with you.

Using the officially released covid-19 epidemic data of Asia, Europe, South America, North America and African States (as of May 15 and the analysis results of [1] - [6]), based on the iseir model (see [7] - [9]) all-round scenario simulation and scenario analysis, we can get the peak of epidemic outbreak in many African countries. Asia, Europe, North and South America have entered a comprehensive controllable stage in early May, but Asia, Europe, North and South America are still in the peak stage before controllable turning point.

Part I: Based on the global situation before May 15

1) Japan, Israel, etc. in Asia; most countries in Europe (including Britain, Turkey, Serbia, Ireland, Sweden, Switzerland, Belgium, Norway, etc.) and the United States and Canada in North America have entered the stage of controlling the prevalence of covid-19 in early May. This means that from the beginning of May, these countries have fully entered the second half of the controllable stage.

Part II: Forecast Based on May 15

1) Singapore in Asia has been in full control of the second half of the covid-19 epidemic since April 9 and May 1.
2) But in Asia, India, Pakistan, Bangladesh, Philippines, Iran, Bahrain, Afghanistan, Indonesia, Kazakhstan, UAE, Qatar, Saudi Arabia, Oman; in Europe, Russia, Belarus, Ukraine, Poland, Moldova; in South America, Chile, Colombia, Brazil, Argentina, Peru, Panama, Bolivia Asia, Dominica, Mexico and other countries in North America are in the peak stage before controllable turning point.

Part III: Based on the prediction of the outbreak situation in Africa on May 15

1) Since the beginning of May, Egypt, Algeria, Nigeria, Morocco, Senegal, South Africa, Ghana and other countries in Africa have entered the peak period of covid-19 epidemic. At the same time, due to the limited defense conditions and insufficient data and information in Africa, the prospects for the development of the epidemic in Africa are still unclear and need to be seen.

Note: the basic meaning of "control" in the report is that the change amount of patients with new needles should not exceed 10% every day, and the balance should be kept stable for 6 consecutive drops.

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[2] Big data analysis report of epidemic situation (4.30): the epidemic situation in most countries in the world will enter a controllable stage, released by wind financial terminal platform on April 30, 2020.
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[3] Big data analysis report of epidemic situation (4.27): there are still many countries without inflection point of epidemic prevention and control, released by wind financial terminal platform, April 19, 2020.
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