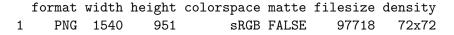
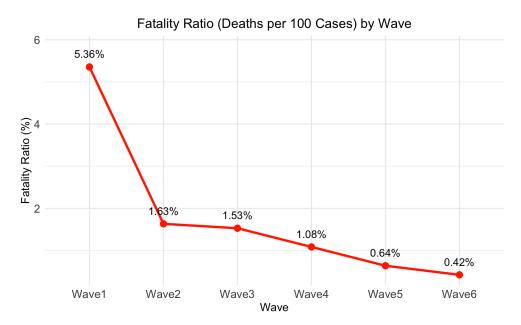
Supplementary Methods

Visualizations

To address question 3, we present a detailed analysis of the characteristics of the COVID-19 virus across different waves. The first plot captures the declining trend in the fatality ratio (deaths per 100 cases) over time, providing evidence that COVID-19 became less virulent as the pandemic progressed.





The second plot illustrates the trends in COVID-19 cases and deaths across different wave periods. The data reveal that while the virus's fatality ratio decreased, the number of cases increased dramatically, particularly reaching its peak during wave 5. This plot suggests that the virus became more transmissible over time and peaked at wave 5, potentially due to the emergence of highly contagious variants.

format width height colorspace matte filesize density 1 PNG 1540 951 sRGB FALSE 122093 72x72

COVID-19 Cases and Mortality with Waves

