

$$f(x) = \alpha e^{\beta(t)} \dots (I)$$

α is the number of expected COVID 19 cases at the beginning of the pandemic, β is the daily growth rate and t is the time, in this case day numbers from the 1st day when COVID 19 was confirmed in Kenya ($t: 1, 2, 3, \dots$ Day 1 is 13th March 2020)

$$nCFR = D(t)/C(t) \dots (II)$$

where $D(t)$ are deaths at time t and $C(t)$ are cumulative cases at time t

$$aCFR = D(t)/C(t-n) \dots (II)$$

where $D(t)$ are deaths at time t and $C(t-n)$ are cumulative cases at time $t-n$, and $n=1, 2, 3, \dots, n$