

1 Strength And Weaknesses

Since the development of an epidemic can be quite complicated and random, some harsh simplifications must be done in order to keep the computational complexity in reasonable scope. We extended a classical mathematical model with statistical flow trying to combine their strength, since they can both be a bit weak on themselves. Classical models have been in great use, so they can be deemed fairly reliable, but playing with them on a global scale can still cause substantial inaccuracies. Also fairly natural things i.e. political conflict etc. mentioned in the section Assumption could in real life have a serious effect on the birth of the epidemic.