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- xxx days: mean serial intervalxxx Is the mean time between successive cases of the transmission of the disease.
- $T_{lat} = 5.2$  days: xxx xxx
- $T_{inf} = T_{serial} - T_{lat}$ :xxx
- $\alpha = 1.0$ : ratio between infectiousness of asymptomatic and symptomatic individuals. xxx
- $\beta = 0.8$ : population ratio which remains asymptomatic xxx

Parameters which are related to the use of distinct strategies are:

- $\theta = \gamma R_0$ : replication factor, with  $\gamma$  being a number that represents the proportion of interaction between individuals and  $R_0$  the basic reproduction number. In our model,  $\theta$  is an adjustable parameter according to WHO data.
- $\kappa_s$ : xxx
- $\kappa_a$ : xxx