Covid19 simulation with SIDERATH: Ghana case study

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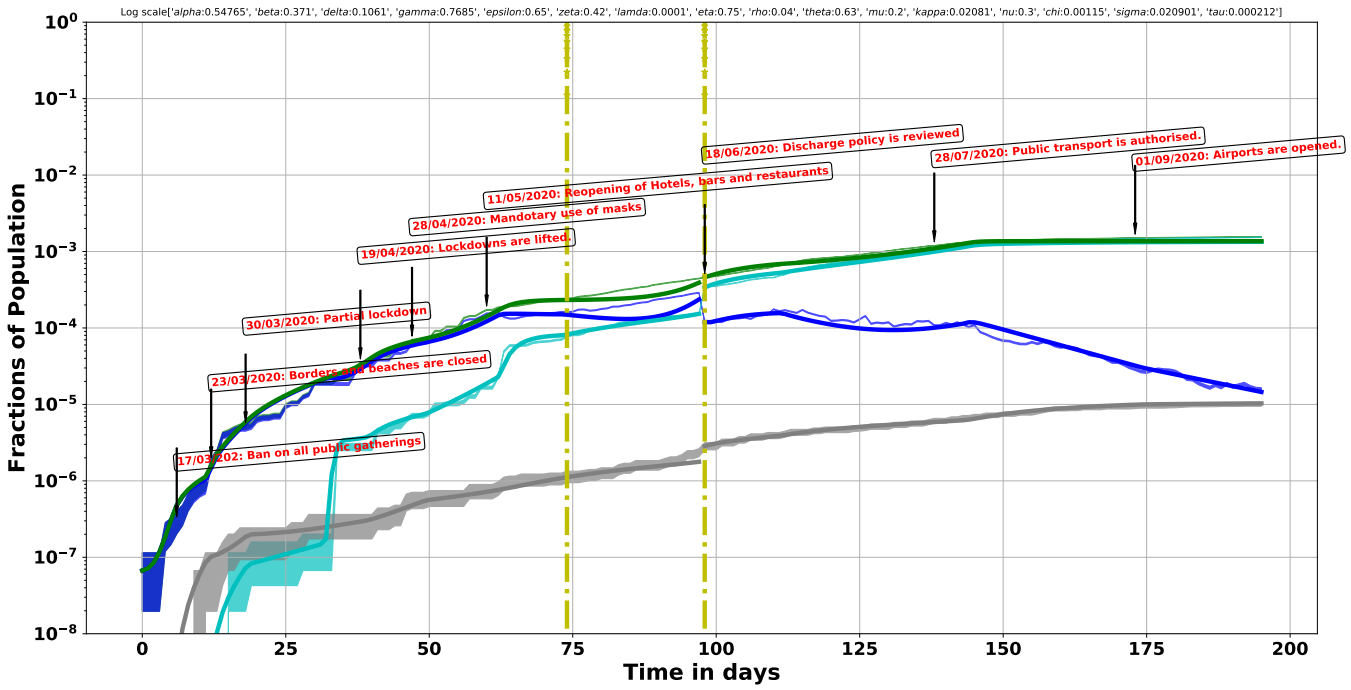
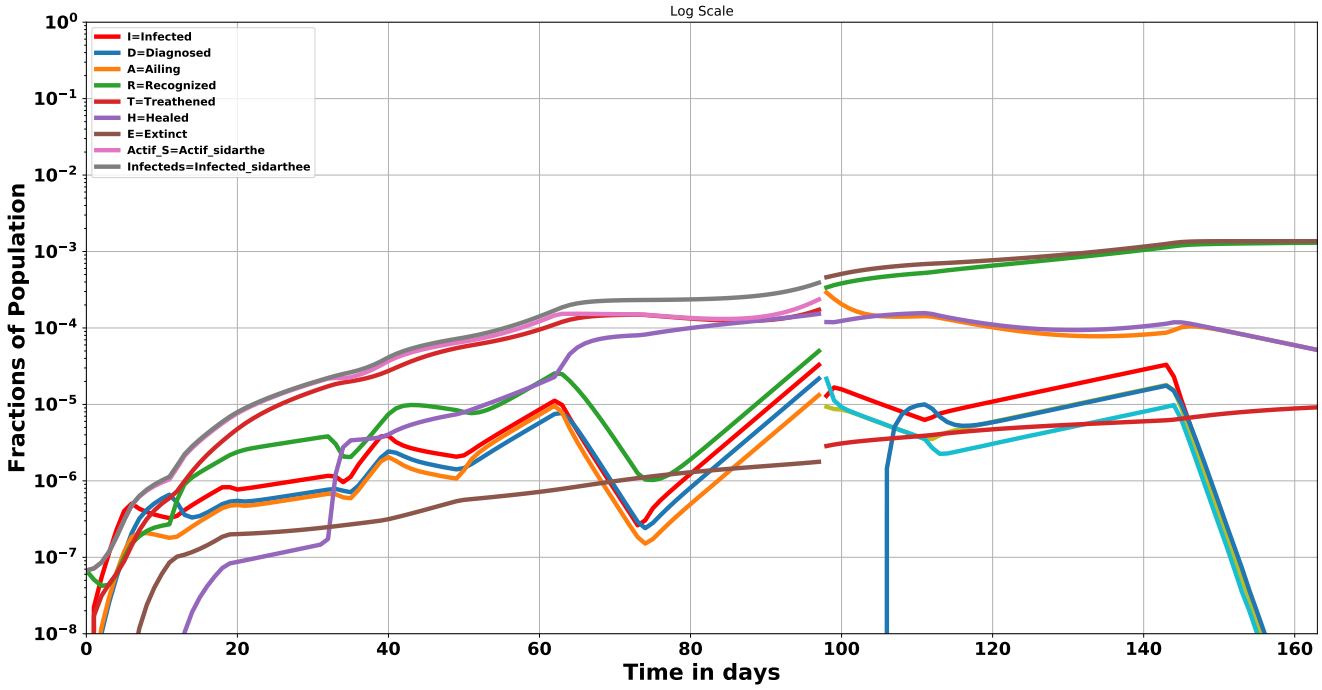
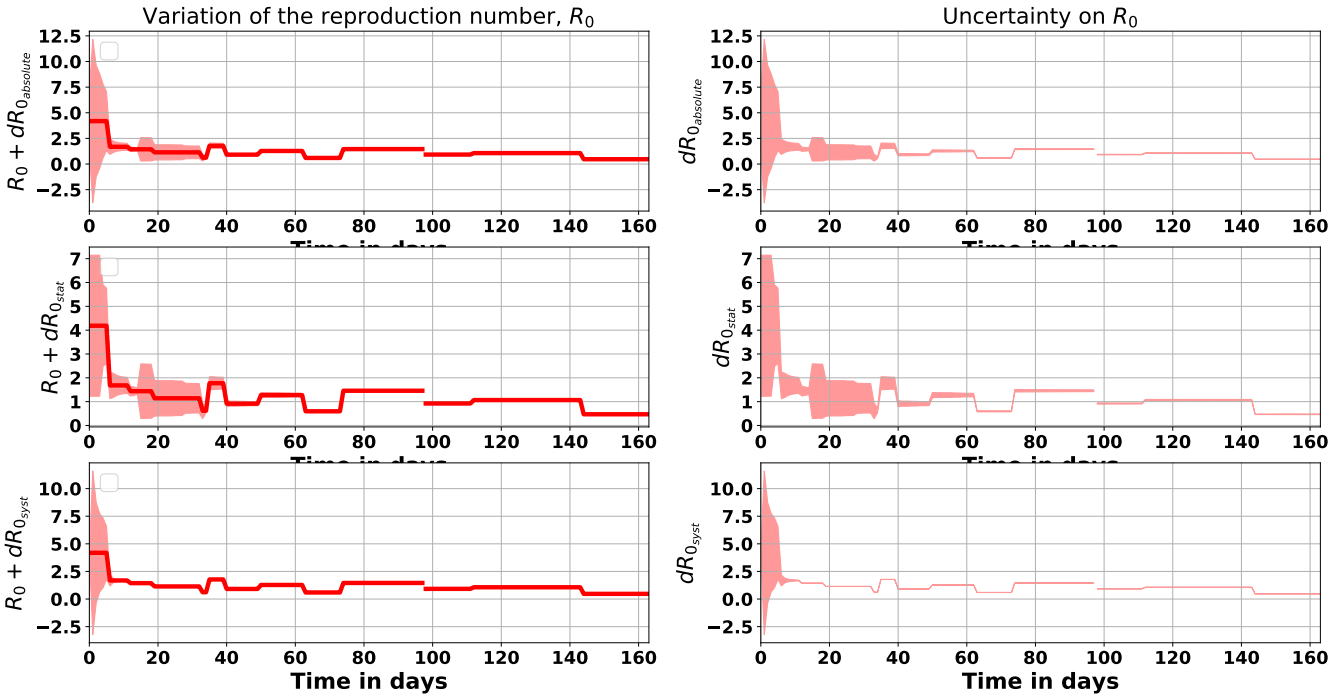
Contents

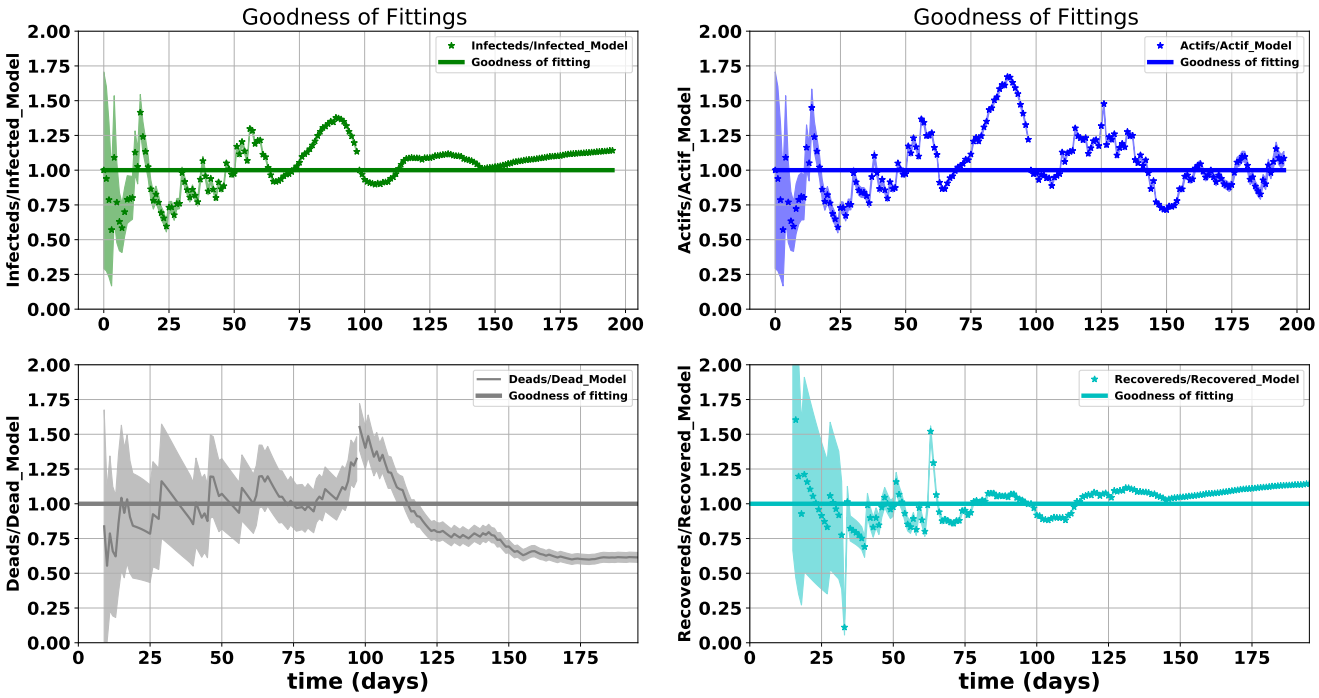
Modeling of Covid-19 Ghana Data

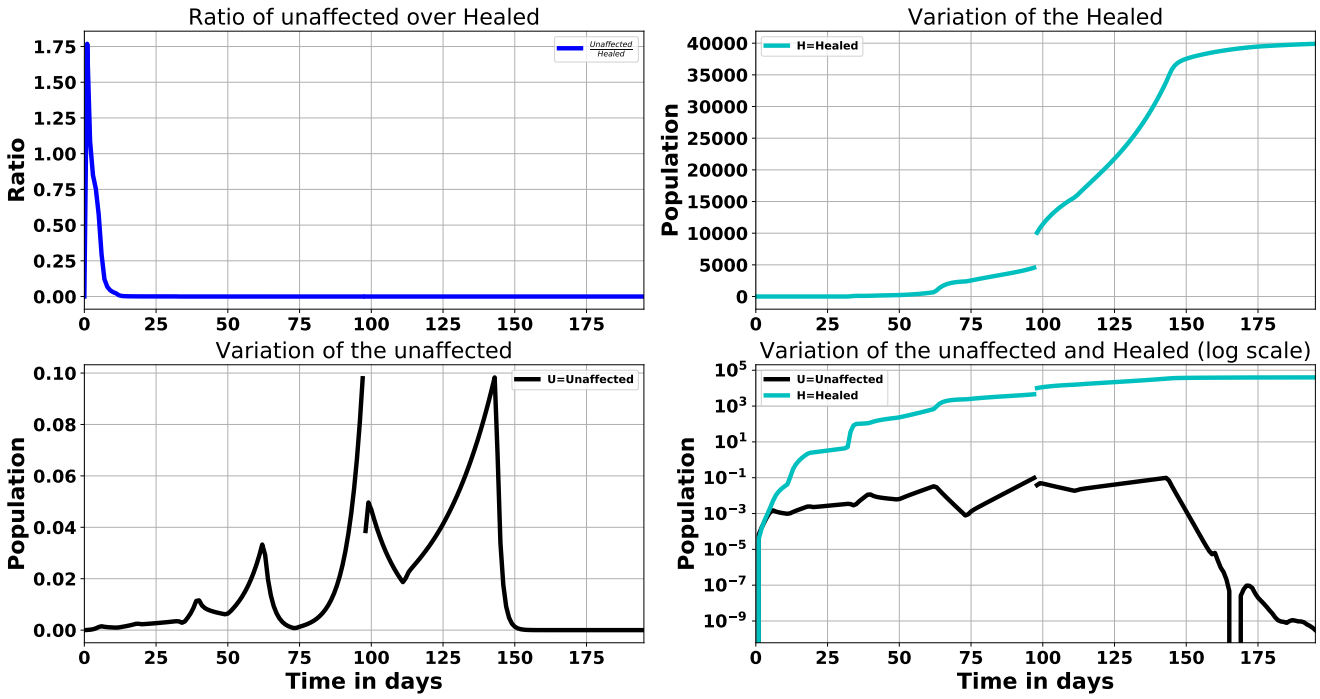


Covid-19 SIDARTHE Model




Variation of the reproduction number, R_0
Uncertainty on R_0
$R_0 + dR_{0_{absolute}}$
$dR_{0_{absolute}}$
$R_0 + dR_{0_{stat}}$
$dR_{0_{stat}}$
$R_0 + dR_{0_{syst}}$
$dR_{0_{syst}}$
Time in days
Time in days


Goodness of Fittings
Infecteds/Infected_Model
Goodness of fitting
Infecteds/Infected_Model
Goodness of Fittings
Actifs/Actif_Model
Goodness of fitting
Actifs/Actif_Model
Deads/Dead_Model
Goodness of fitting
Deads/Dead_Model
Recovereds/Recovered_Model
Goodness of fitting
Recovereds/Recovered_Model
time (days)
time (days)


Ratio of unaffected over Healed
Ratio
Unaffected / Healed
Variation of the Healed
Population
H=Healed
Variation of the unaffected
Population
U=Unaffected
Time in days
Variation of the unaffected and Healed (log scale)
Population
U=Unaffected
H=Healed
Time in days