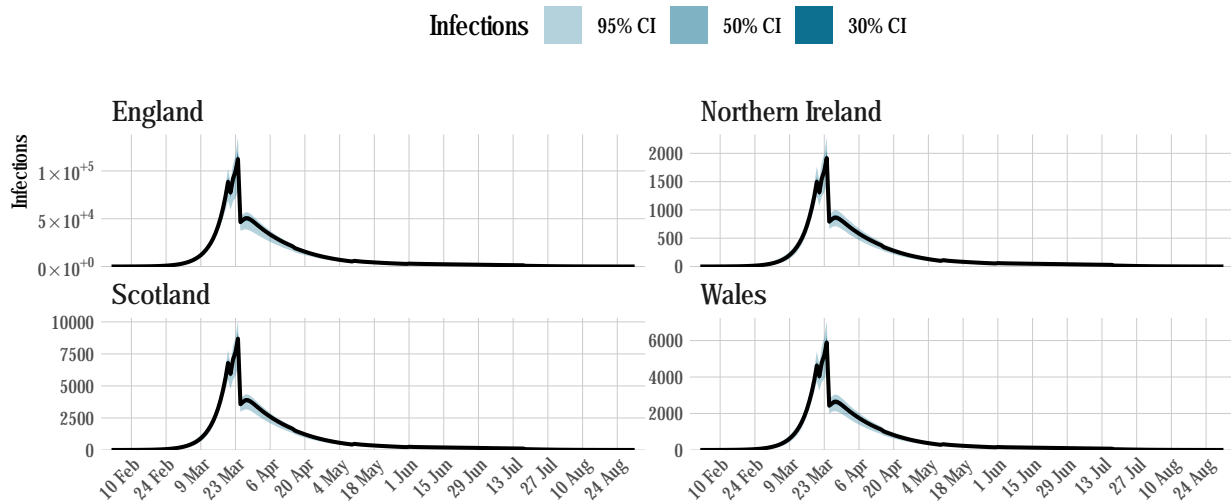


# Multilevel Model

checking

Death



## Mechanical ventilation beds

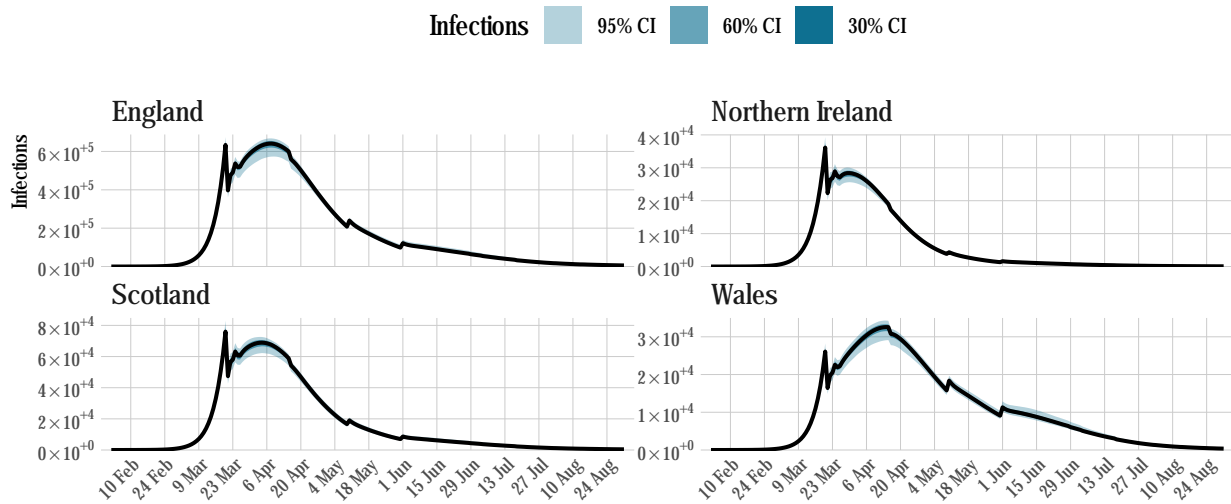
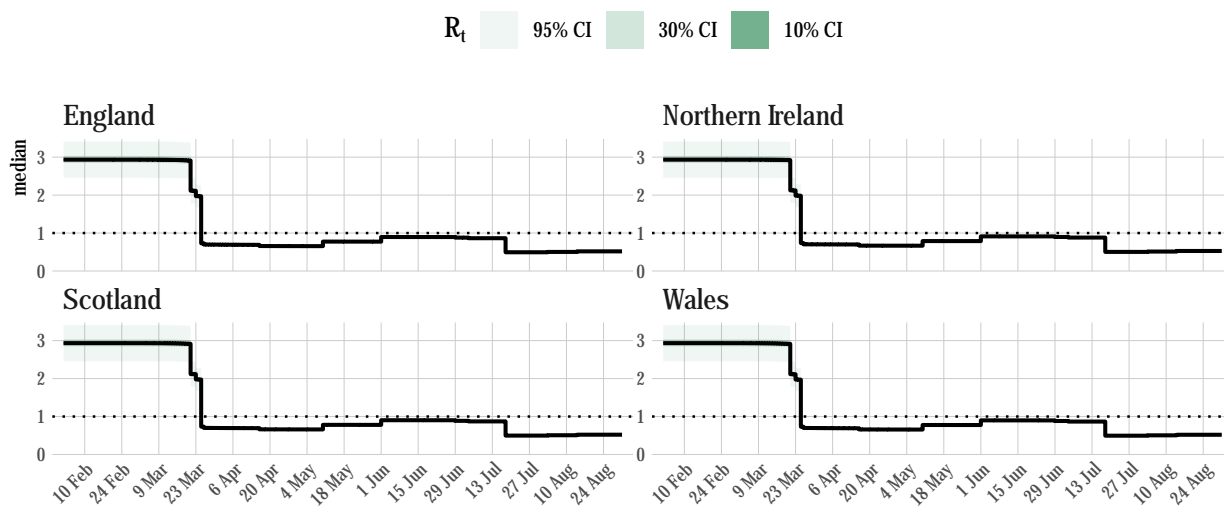


Figure 1: Simulation infection until Sept. 1st, 2020

## Death



## Mechanical ventilation beds

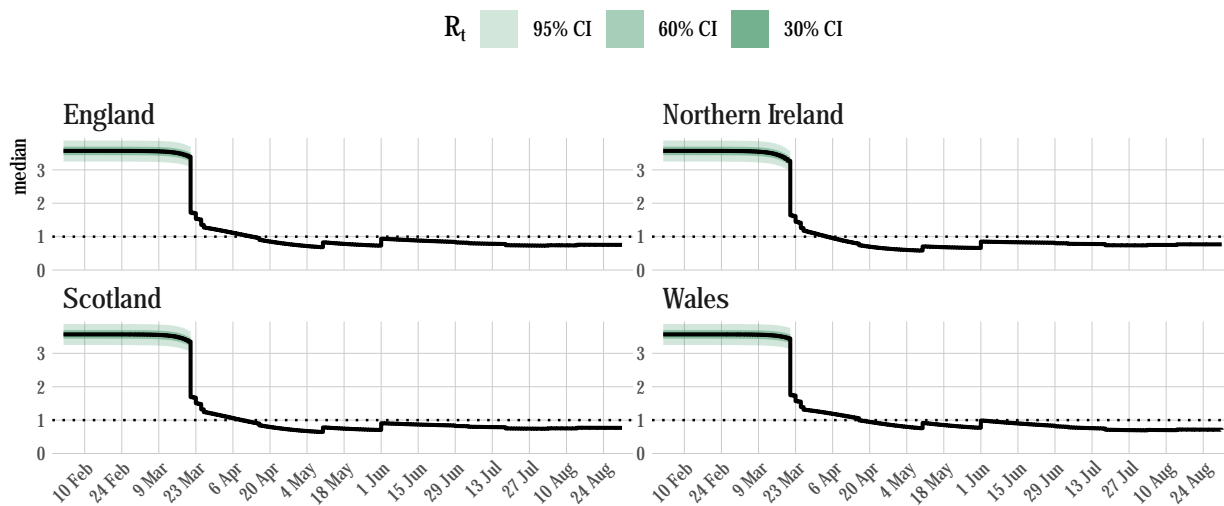
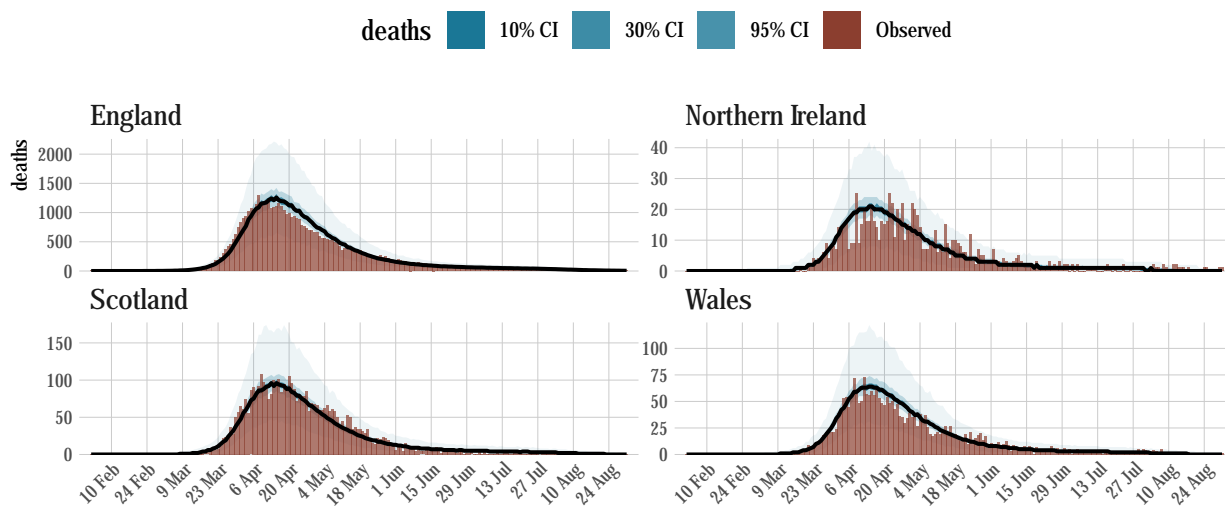


Figure 2: Simulation reproduction number until Sept. 1st, 2020

## Death



## Mechanical ventilation beds

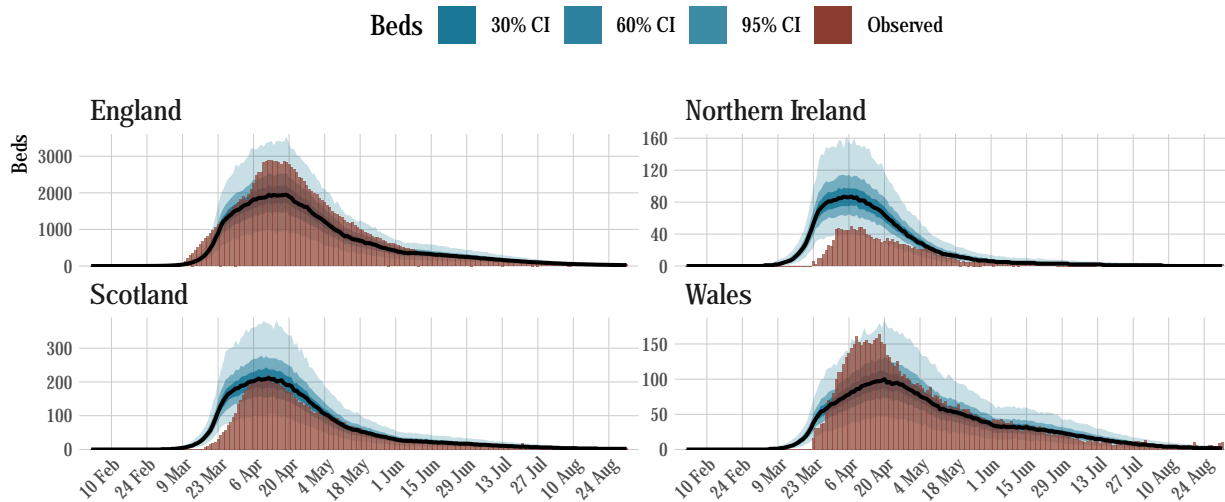


Figure 3: Fitness of observation data until Sept. 1st, 2020