Epidemiological model: BE COVID-19 SEIQRD with waning immunity Social policy model: Current contact behaviour (without relaxations)

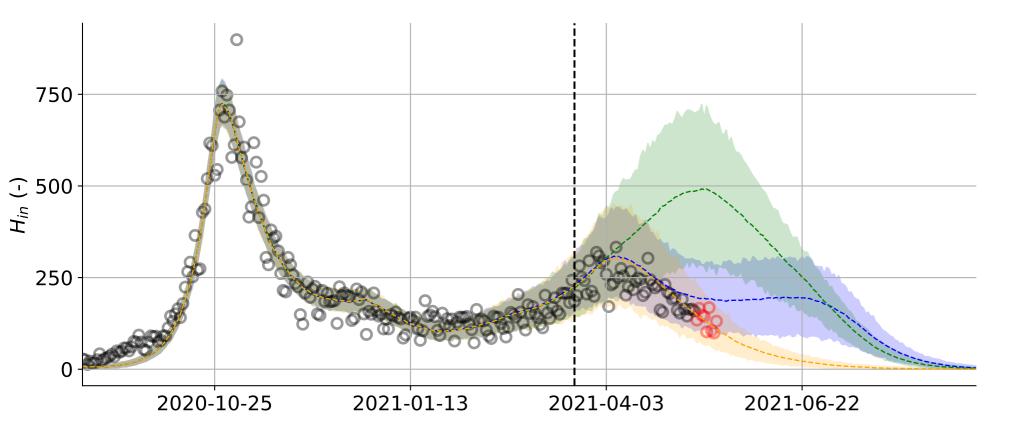
British variant: $42\% \pm 2\%$ more infectious, 30-50% (uniform) increase hospitalization propensity

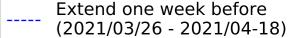
Vaccination strategy: Data Sciensano (Dec. 28th, 2020 - present) + 60K-80K doses/day (future)

Vaccine properties: 90-99% effective, 80-100% reduction infectiousness, 80-100% lower hospitalization propensity

Vaccine refusal: 10% 60+ yo, 20% refusal 0-60 yo









Close schools on 2021/03/26