

Epidemiological model: BE COVID-19 SEIQRD with waning immunity  
Social policy model: Current contact behaviour (without relaxations)  
British variant:  $42\% \pm 2\%$  more infectious,  $62\% \pm 9\%$  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

