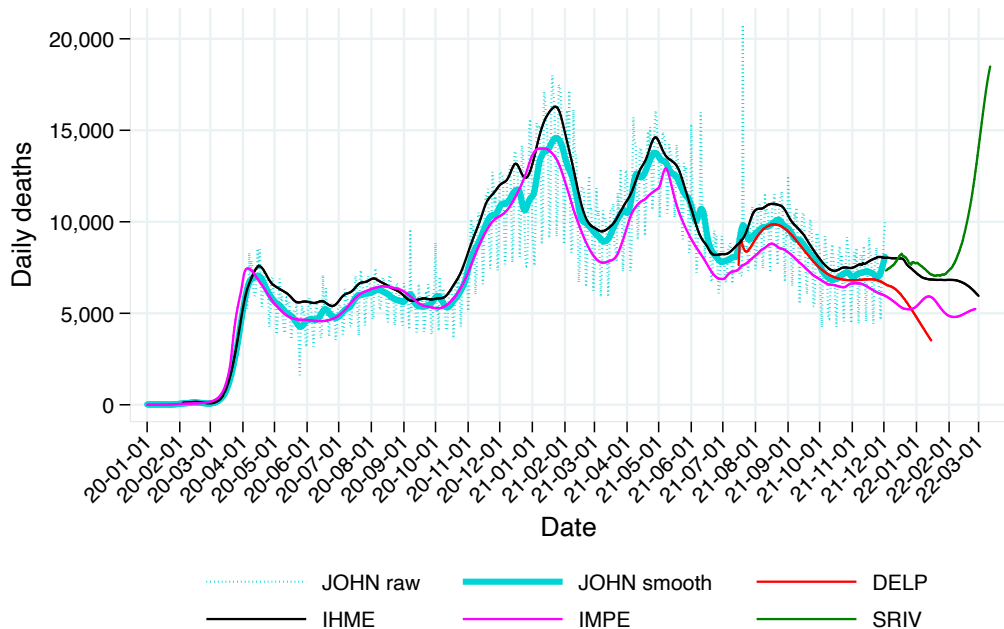
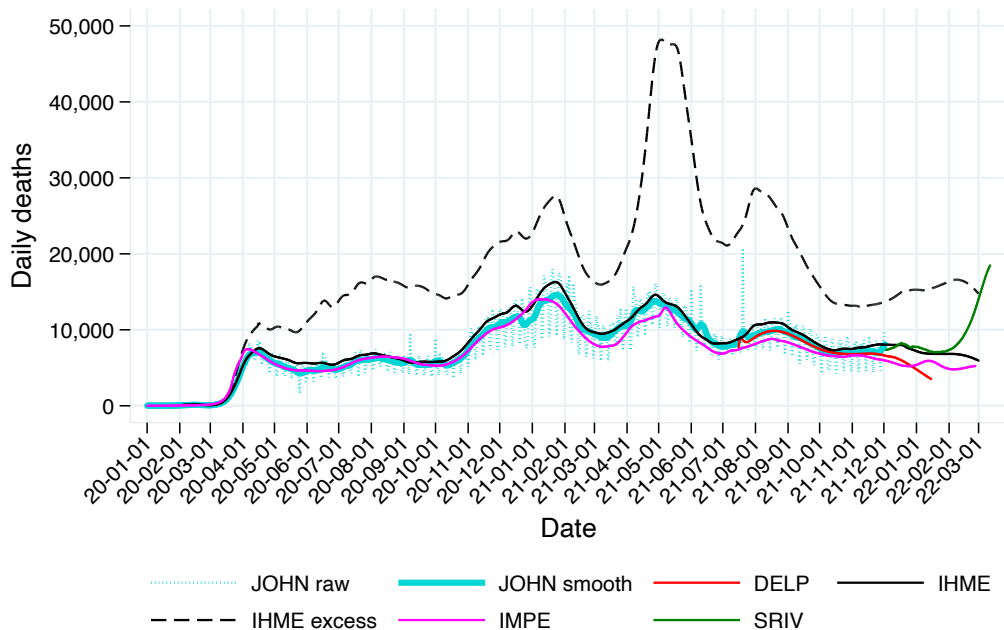


COVID-19 daily deaths, global, reference scenarios

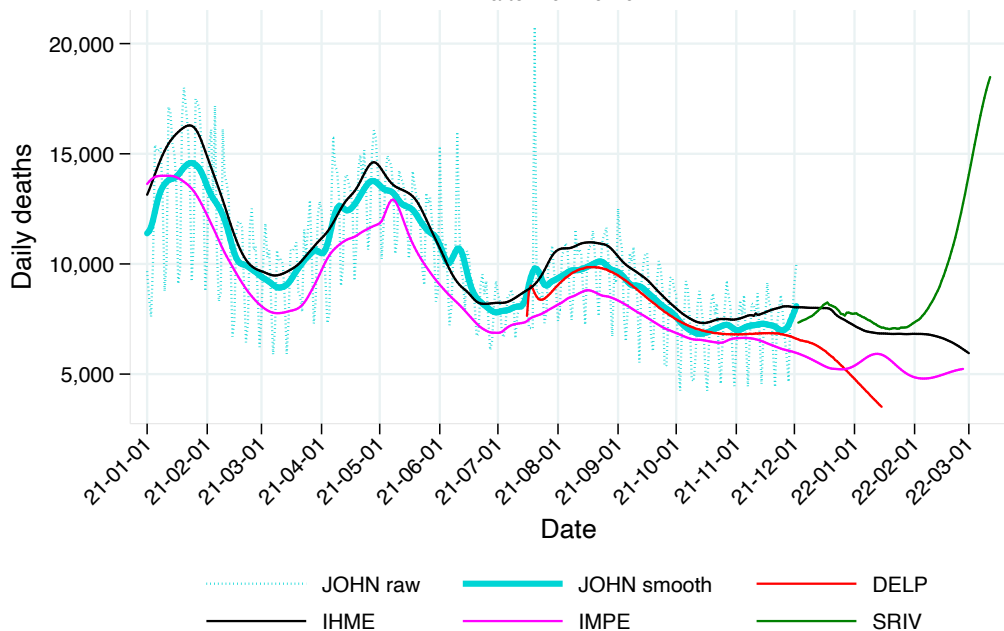


COVID-19 daily deaths, global, reference scenarios



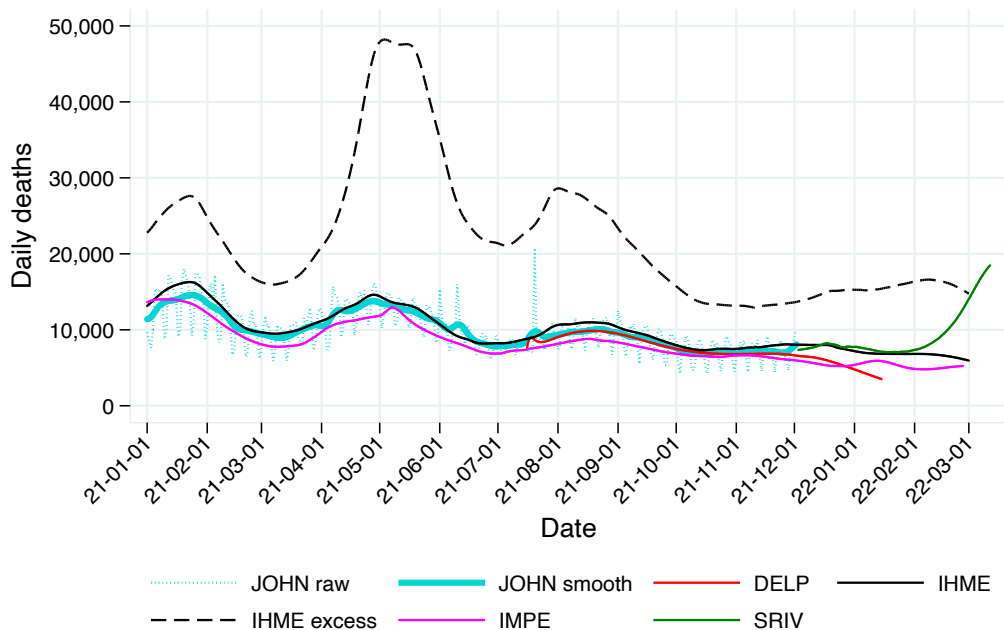
COVID-19 daily deaths, global, reference scenarios

after 2021-01-01



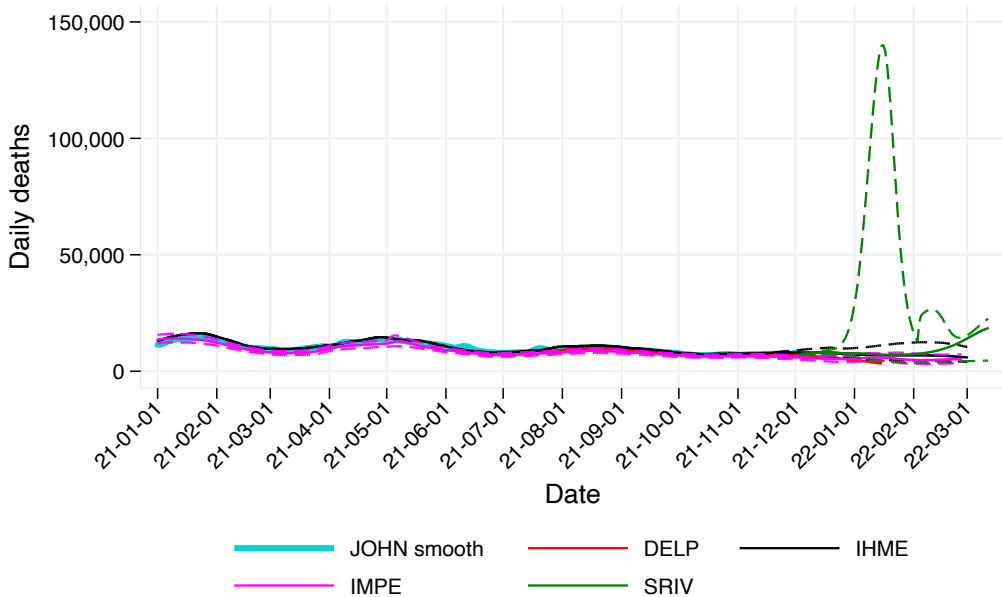
COVID-19 daily deaths, global, reference scenarios

after 2021-01-01



COVID-19 daily deaths, global, reference scenarios

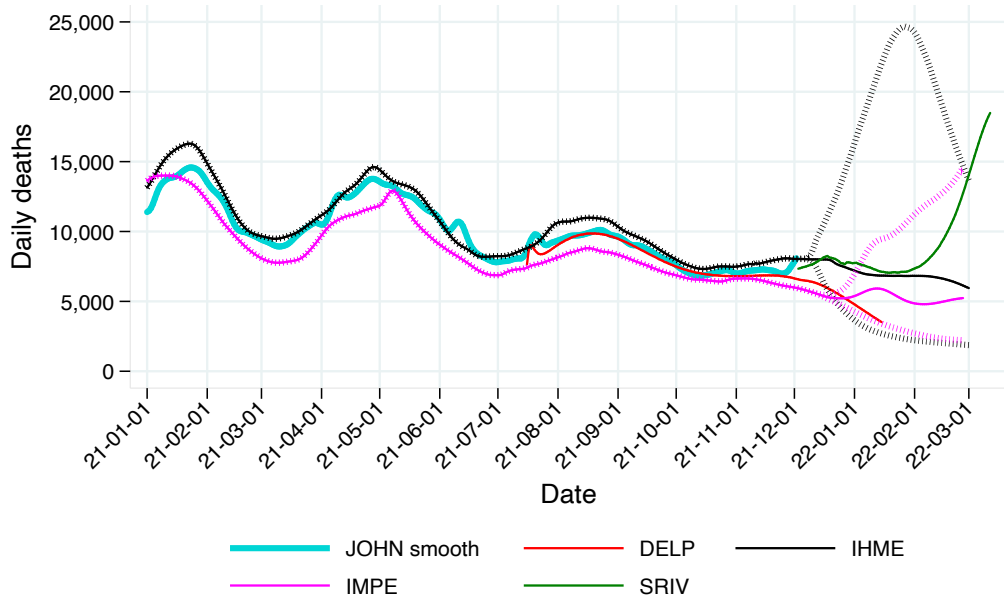
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

COVID-19 daily deaths, global, 3 scenarios

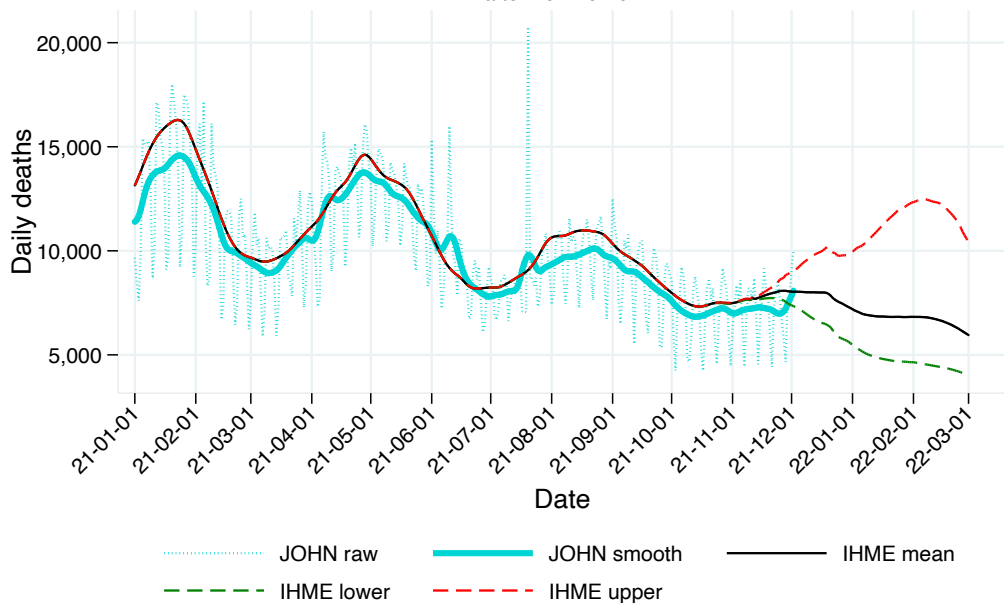
after 2021-01-01



Better and worse scenarios: tight dot (||||) curves; IHME and IMPE

COVID-19 daily deaths, global, reference scenario w/ uncertainty, IHME

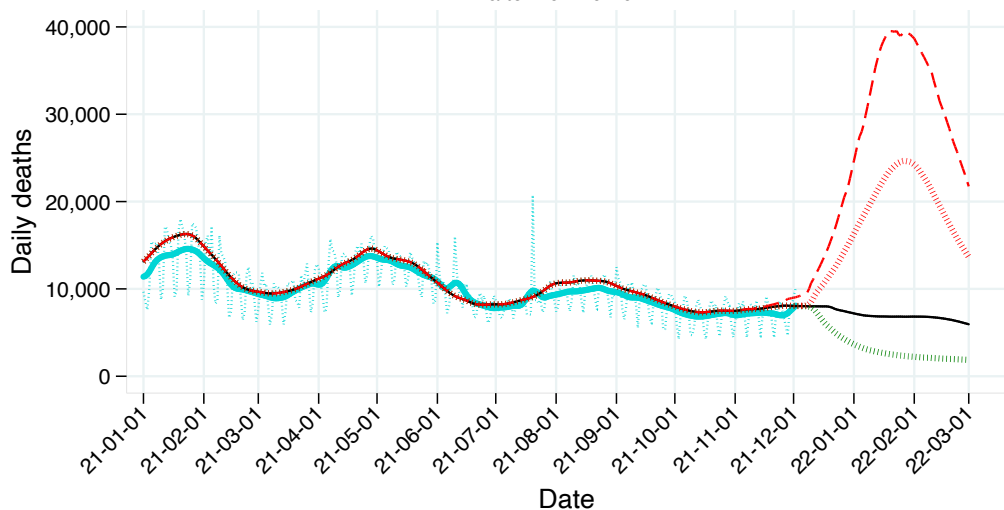
after 2021-01-01



Uncertainty limits: dashed (---) curves

COVID-19 daily deaths, global, 3 scenarios, IHME

after 2021-01-01



JOHN raw

JOHN smooth

IHME reference

IHME best

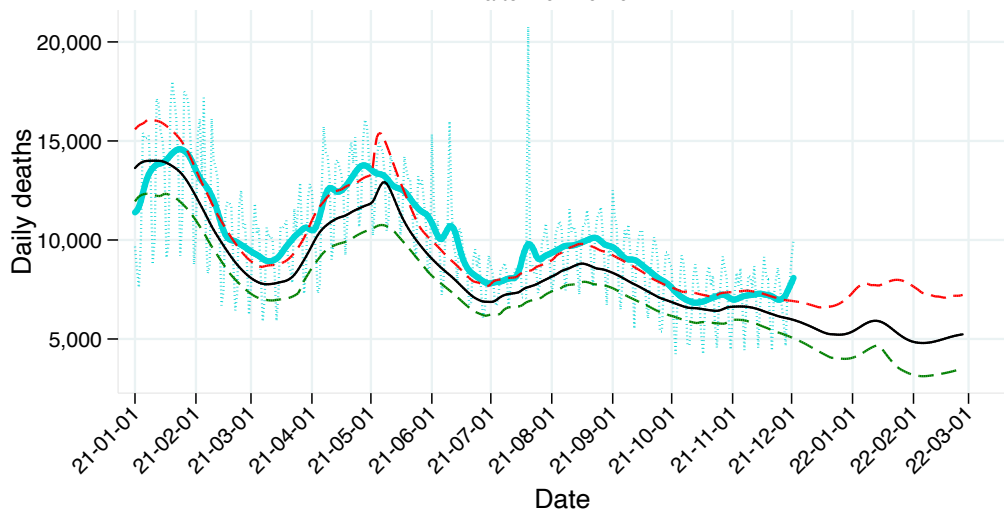
IHME worse

IHME worse upper

Better and worse scenarios: tight dot (||||) curves; Uncertainty limits: dashed (---) curves

COVID-19 daily deaths, global, reference scenario w/ uncertainty, IMPE

after 2021-01-01

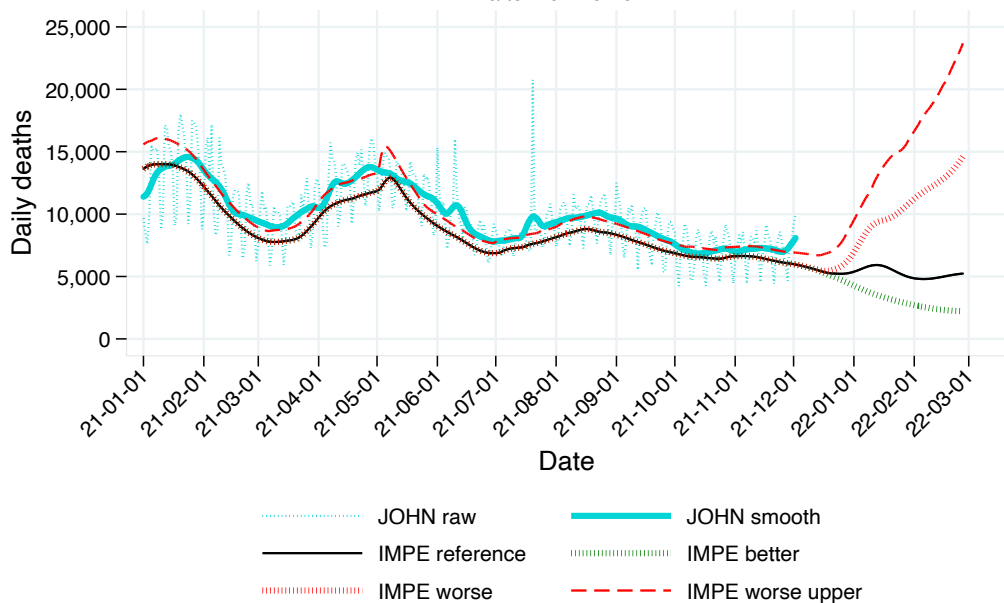


JOHN raw JOHN smooth IMPE mean
IMPE lower IMPE upper

Uncertainty limits: dashed (---) curves

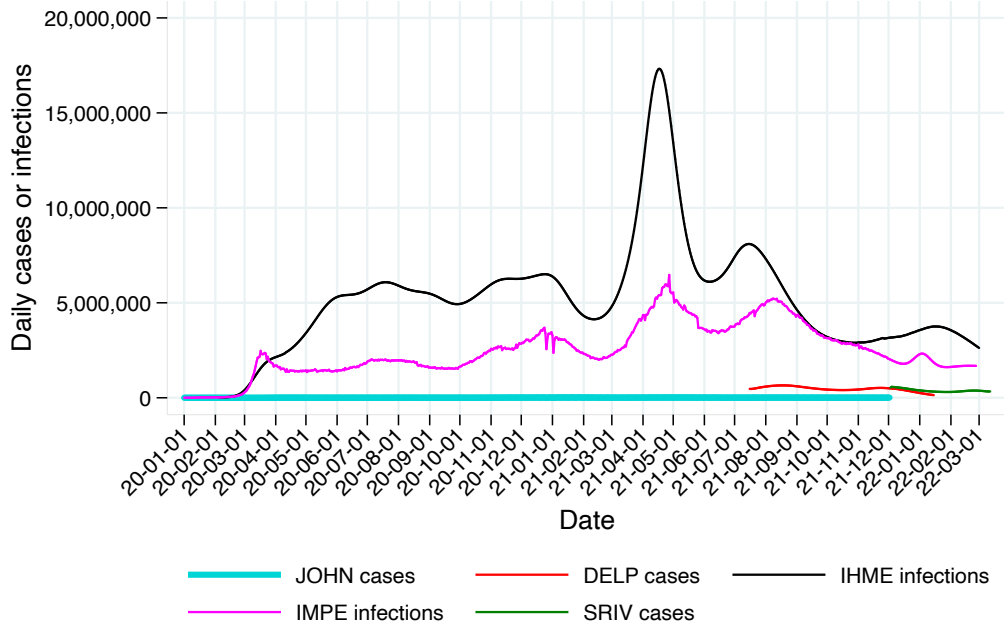
COVID-19 daily deaths, global, 3 scenarios, IMPE

after 2021-01-01



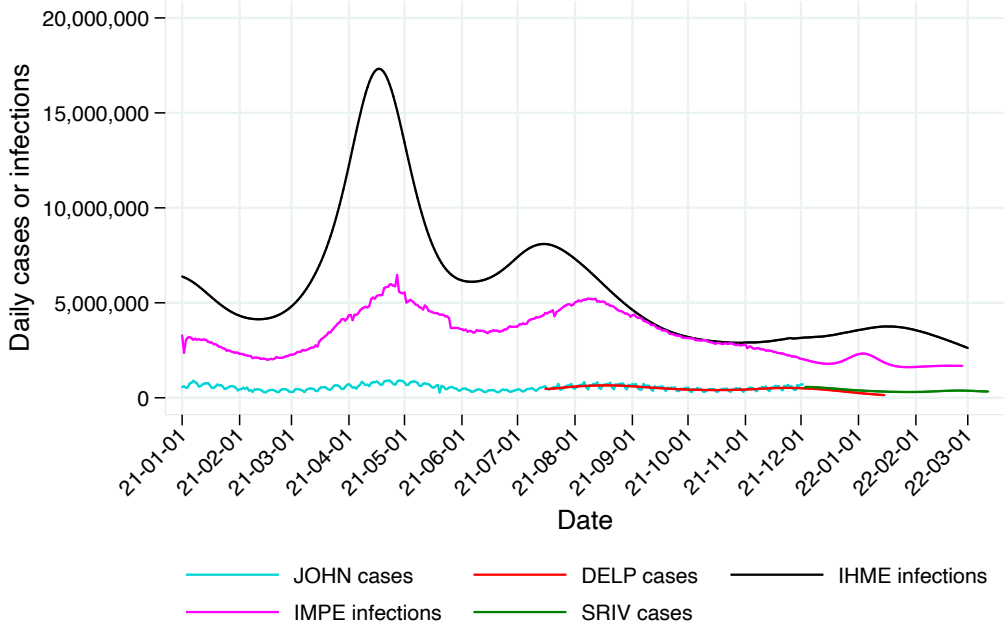
Better and worse scenarios: tight dot (|||||) curves; Uncertainty limits: dashed (— —) curves

COVID-19 daily cases or infections, global, reference scenarios



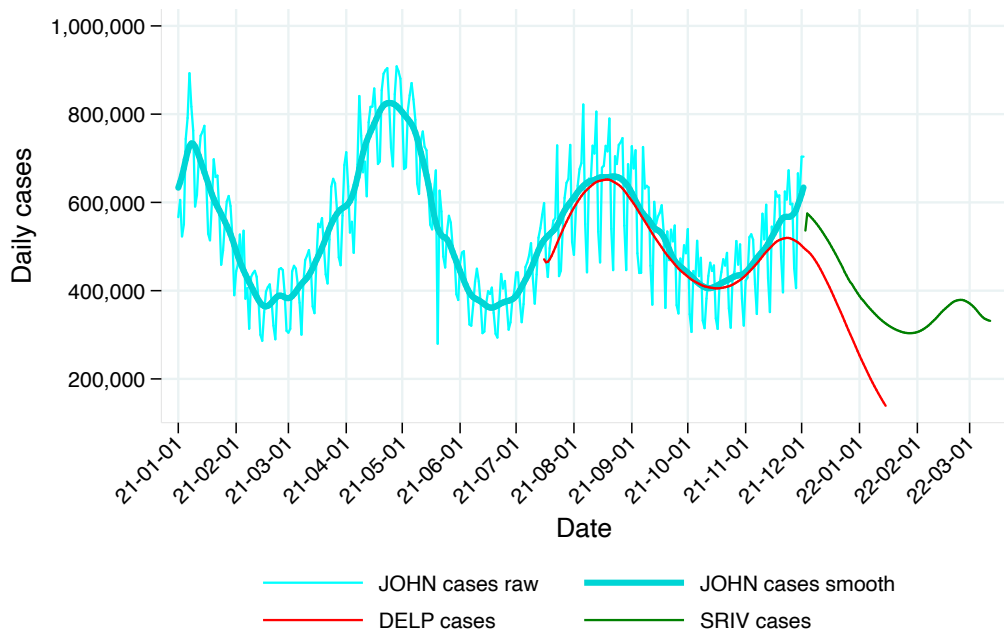
COVID-19 daily cases or infections, global, reference scenarios

after 2021-01-01



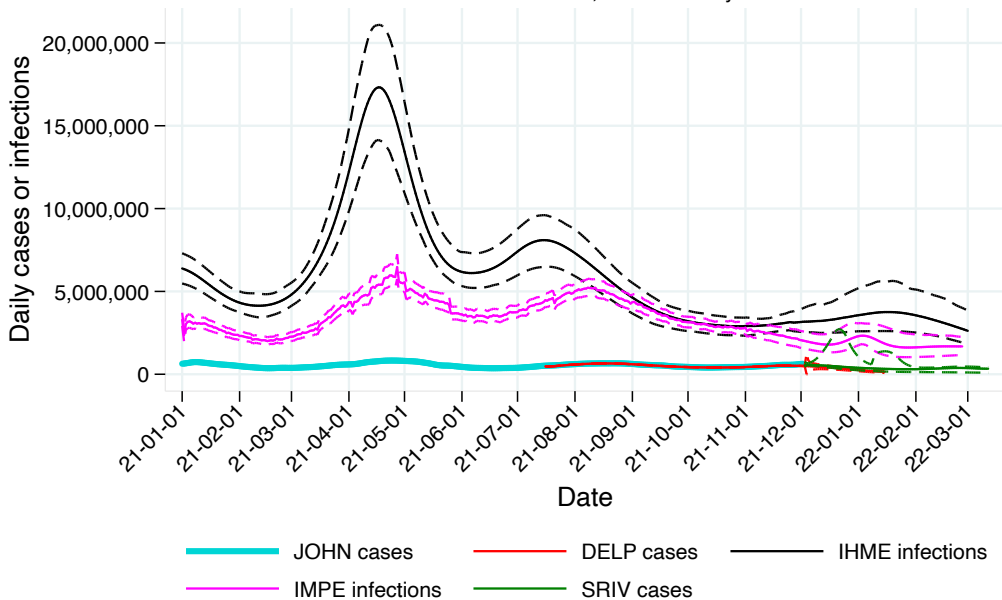
COVID-19 daily cases, global, reference scenarios

after 2021-01-01



COVID-19 daily cases or infections, global, reference scenarios

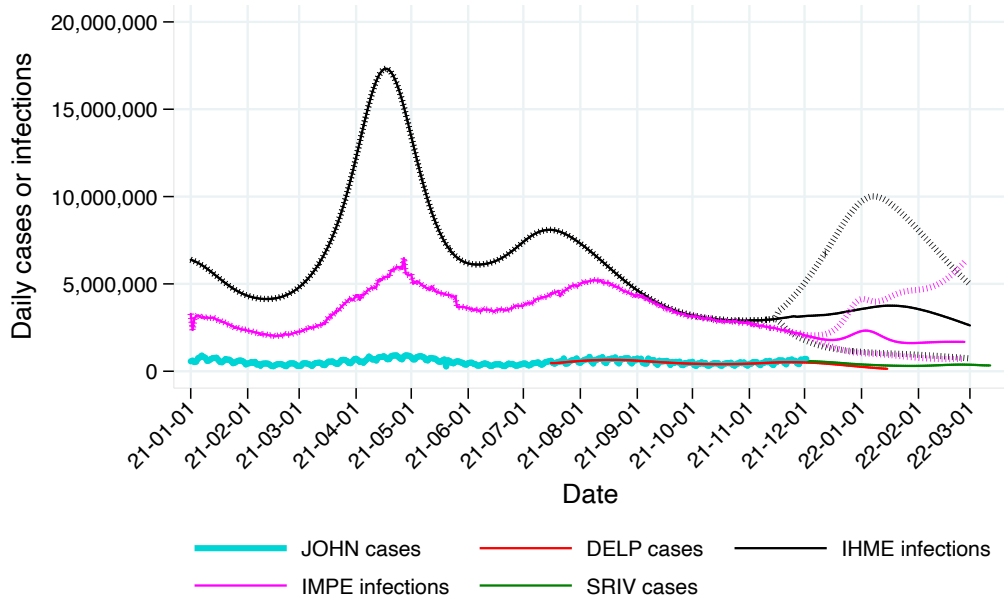
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

COVID-19 daily cases or infections, global, 3 scenarios

after 2021-01-01

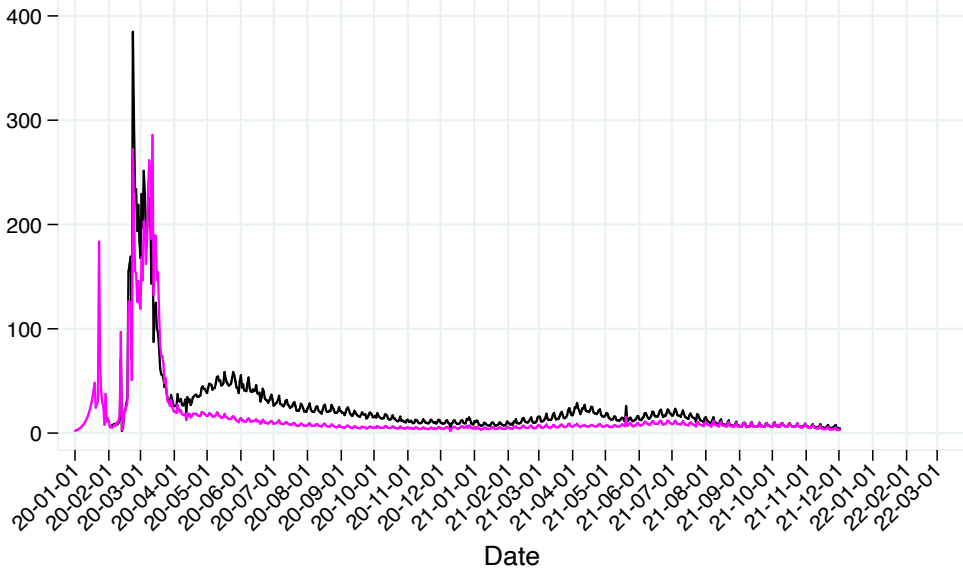


Better and worse scenarios: tight dot (||||) curves; IHME and IMPE

COVID-19 daily estimated infections to reported cases, global

reference scenarios

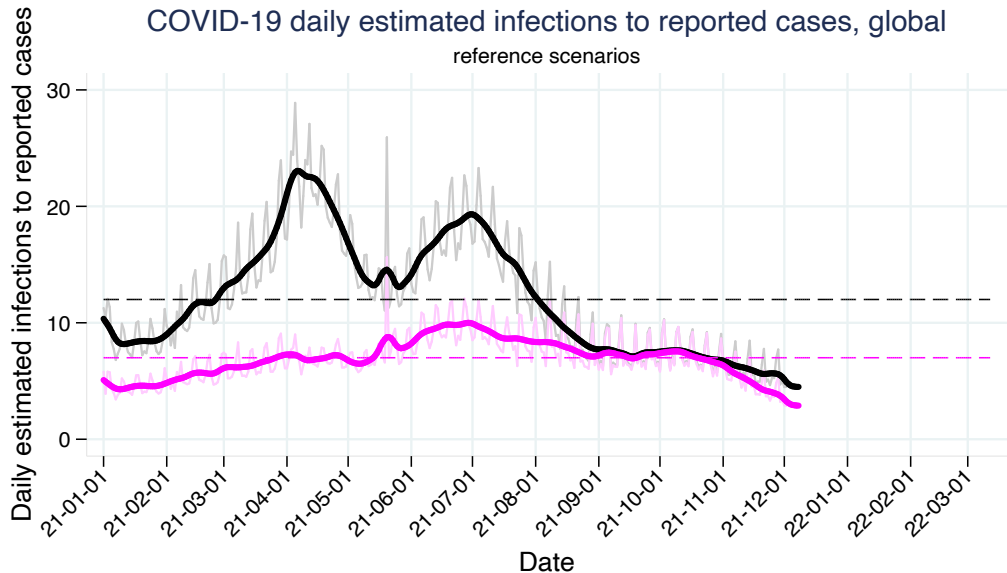
Daily estimated infections to reported cases



— IHME — IMPE

COVID-19 daily estimated infections to reported cases, global

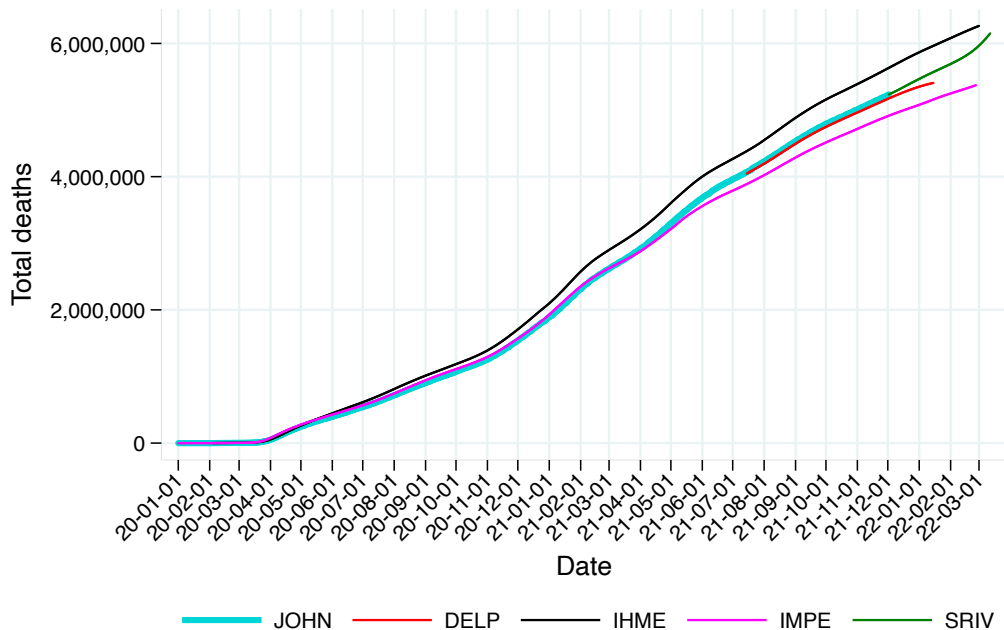
reference scenarios



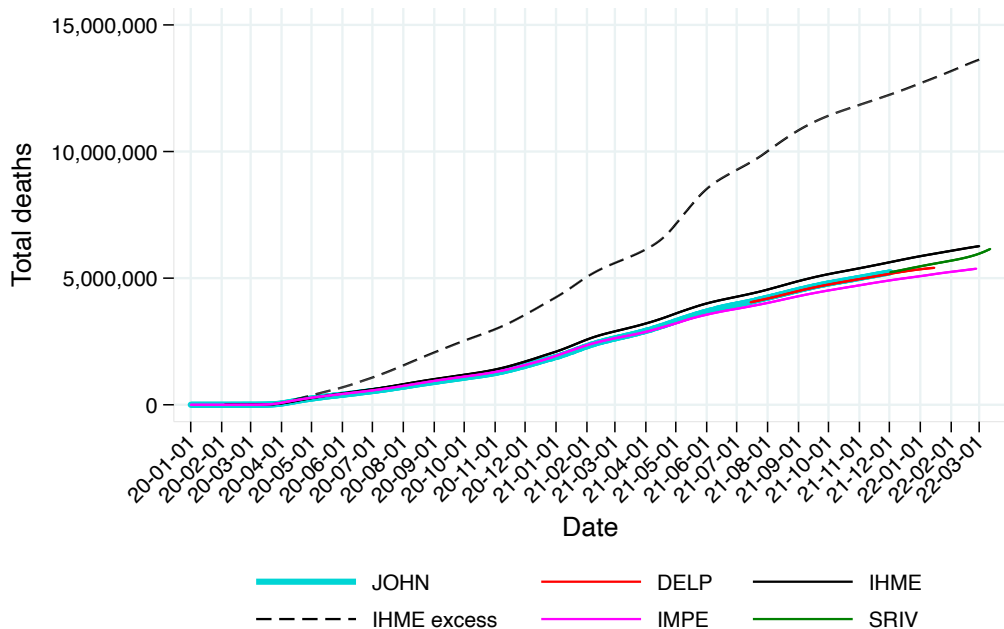
IHME IMPE IHME smooth IMPE smooth IHME smooth median IMPE smooth median

IHME smooth median in 2021 = 12; IMPE smooth median in 2021 = 7

COVID-19 total deaths, global, reference scenarios

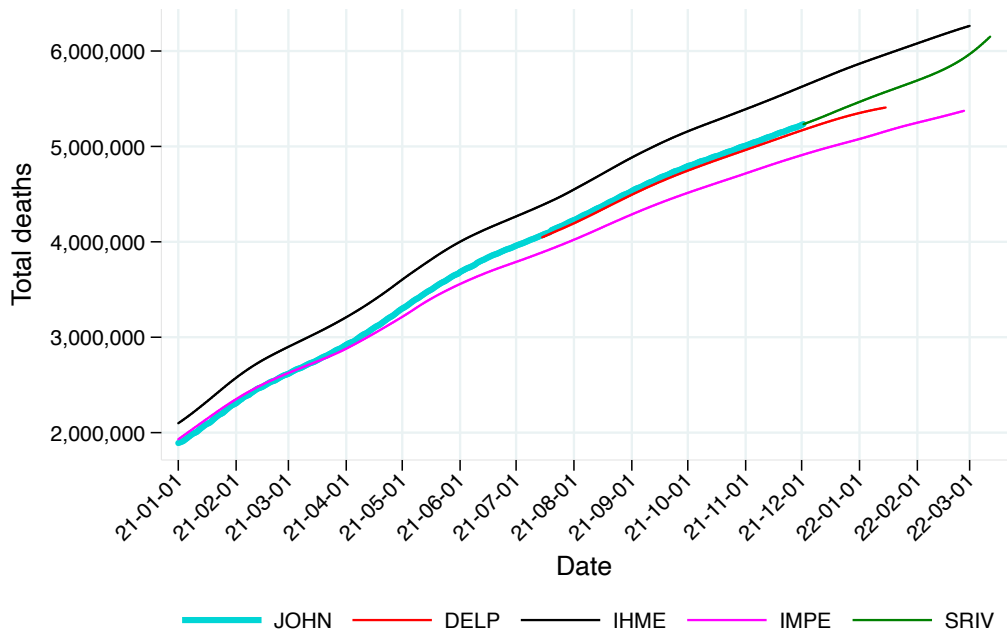


COVID-19 total deaths, global, reference scenarios



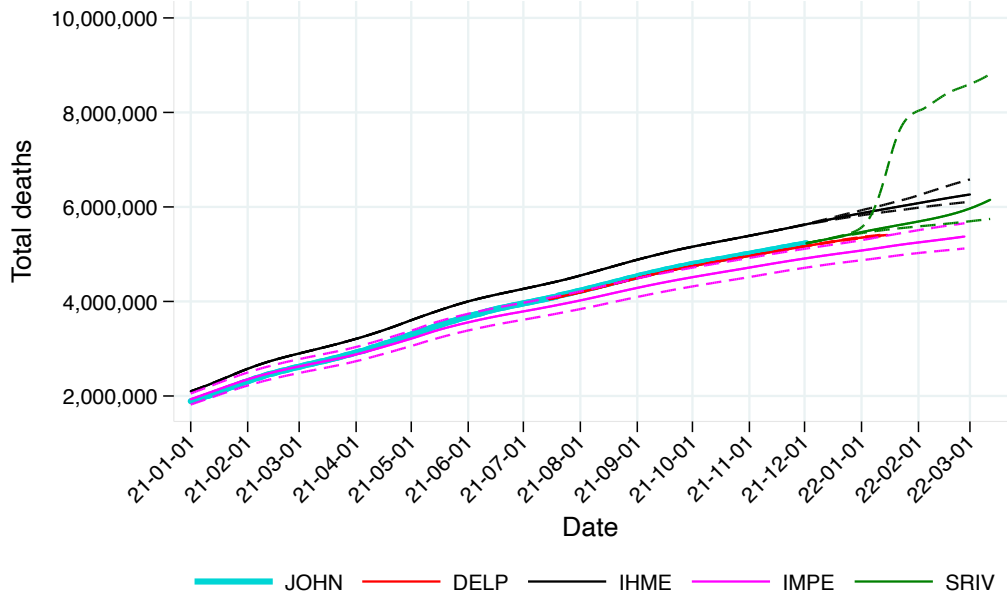
COVID-19 total deaths, global, reference scenarios

after 2021-01-01



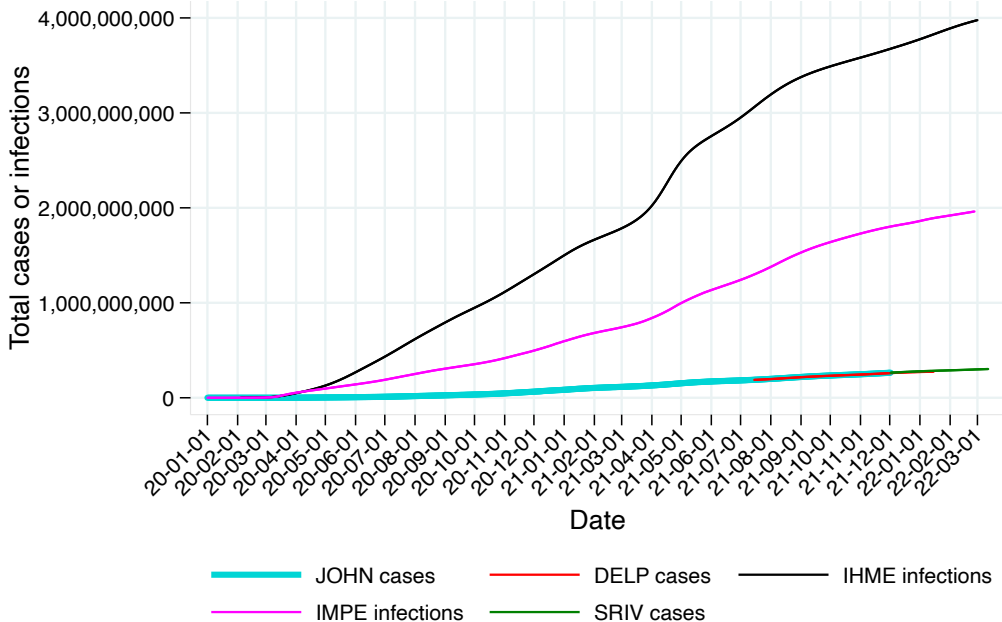
COVID-19 total deaths, global, reference scenarios

after 2021-01-01, w/ uncertainty



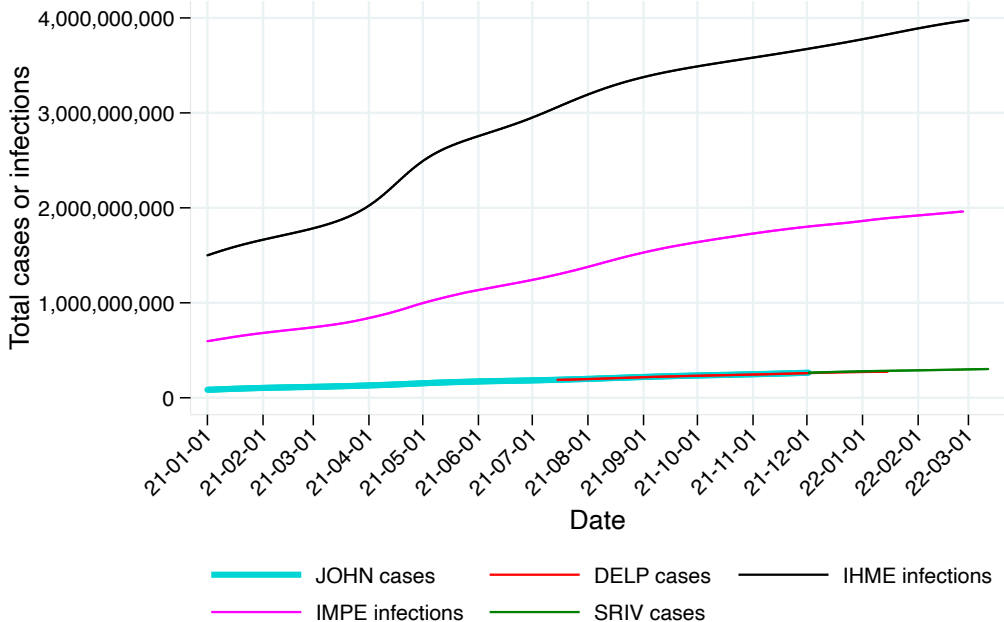
Uncertainty limits: dashed curves

COVID-19 total cases or infections, global, reference scenarios



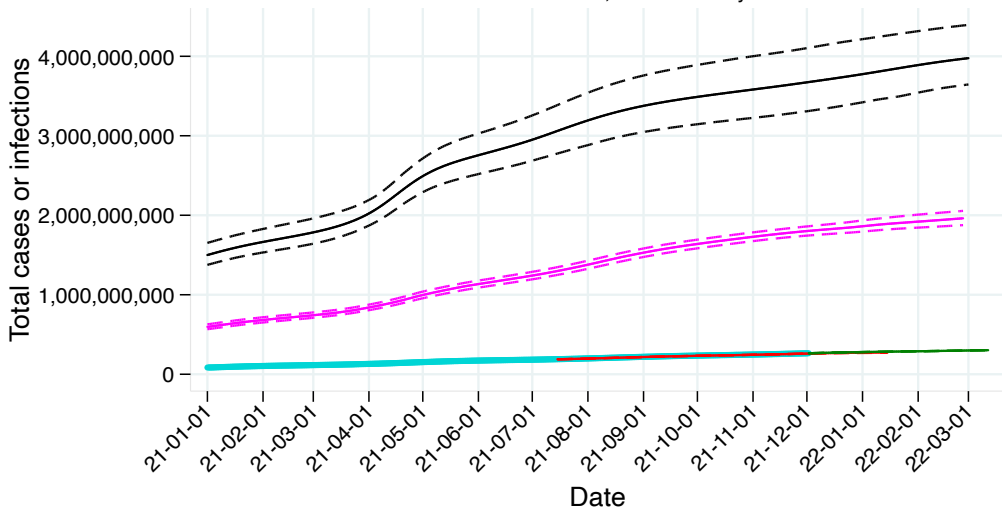
COVID-19 total cases or infections, global, reference scenarios

after 2021-01-01



COVID-19 total cases or infections, global, reference scenarios

after 2021-01-01, w/ uncertainty



JOHN cases

DELP cases

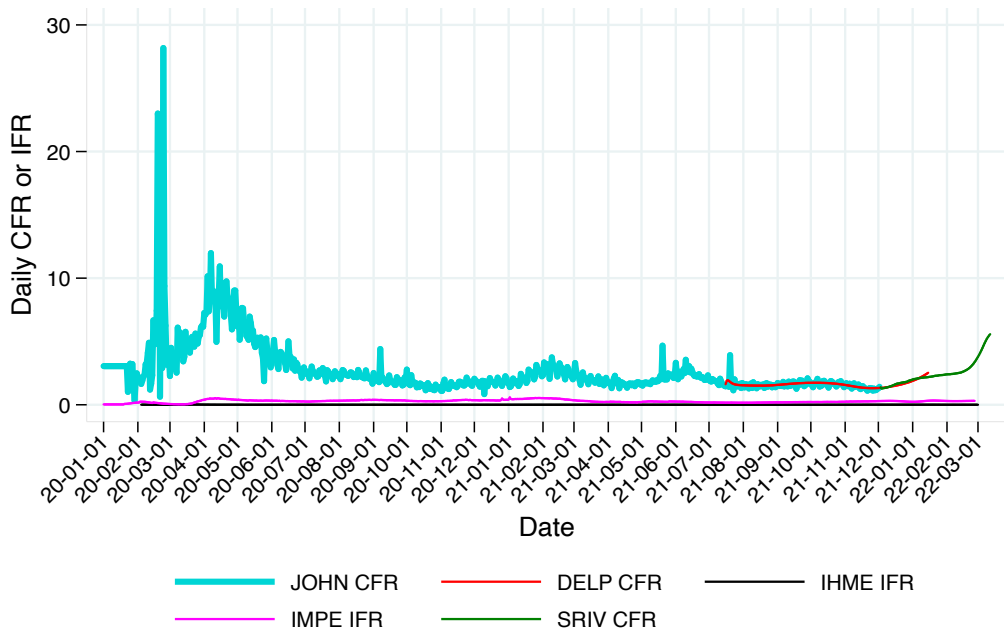
IHME infections

IMPE infections

SRIV cases

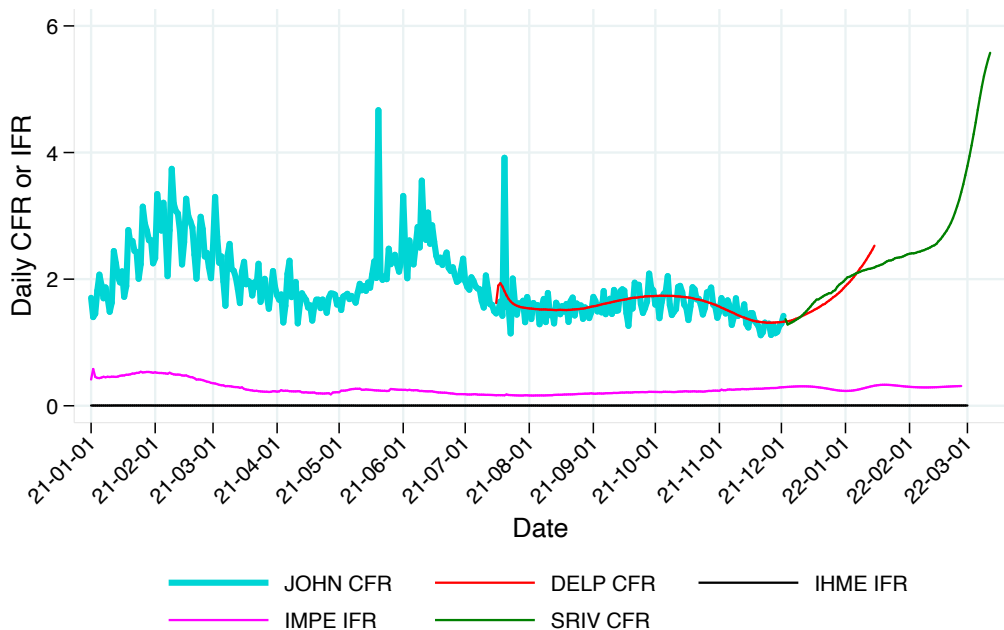
Uncertainty limits: dashed curves

COVID-19 daily CFR or IFR, global, reference scenarios



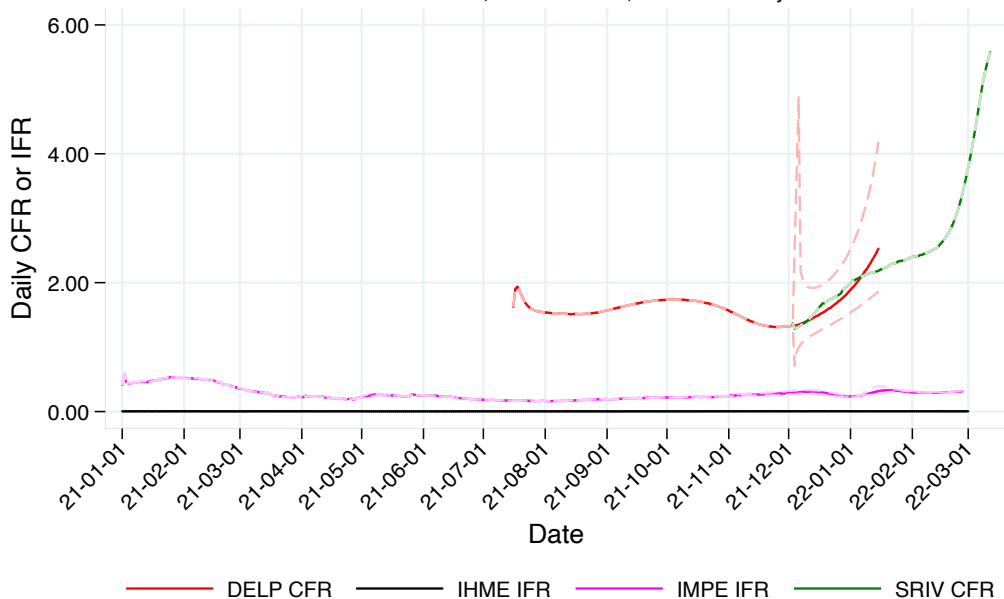
COVID-19 daily CFR or IFR, global, reference scenarios

after 2021-01-01

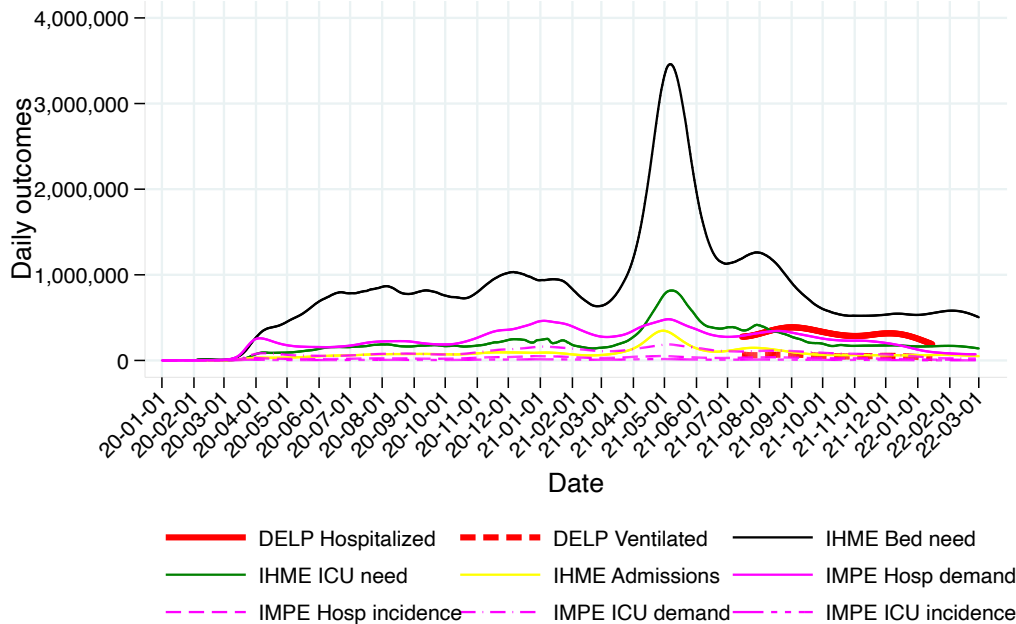


COVID-19 daily CFR or IFR, global, reference scenarios

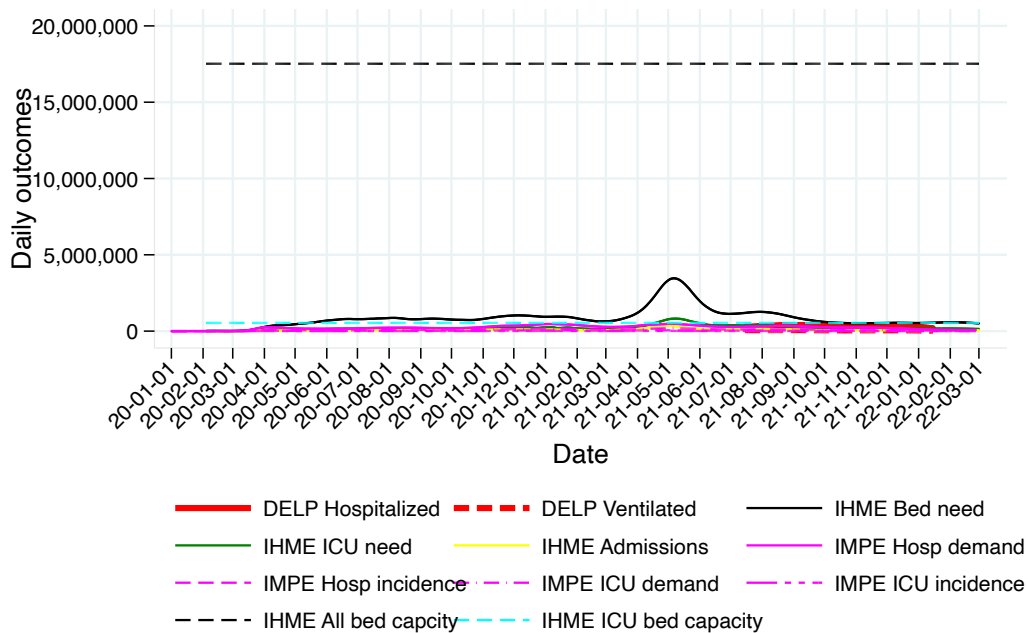
after 2021-01-01, without JOHN, with uncertainty



COVID-19 daily hospital-related outcomes global, reference scenarios

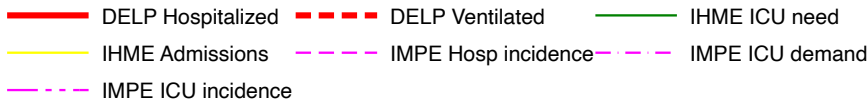
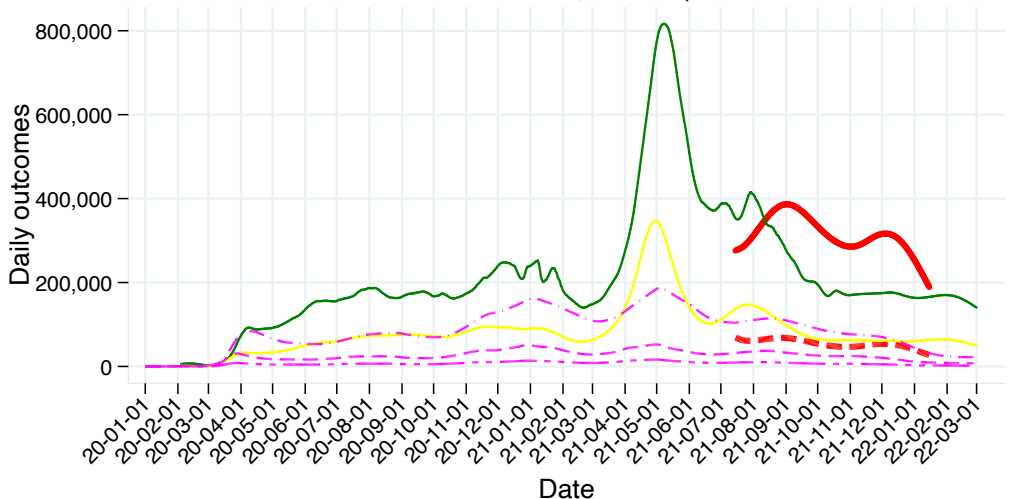


COVID-19 daily hospital-related outcomes global, reference scenarios



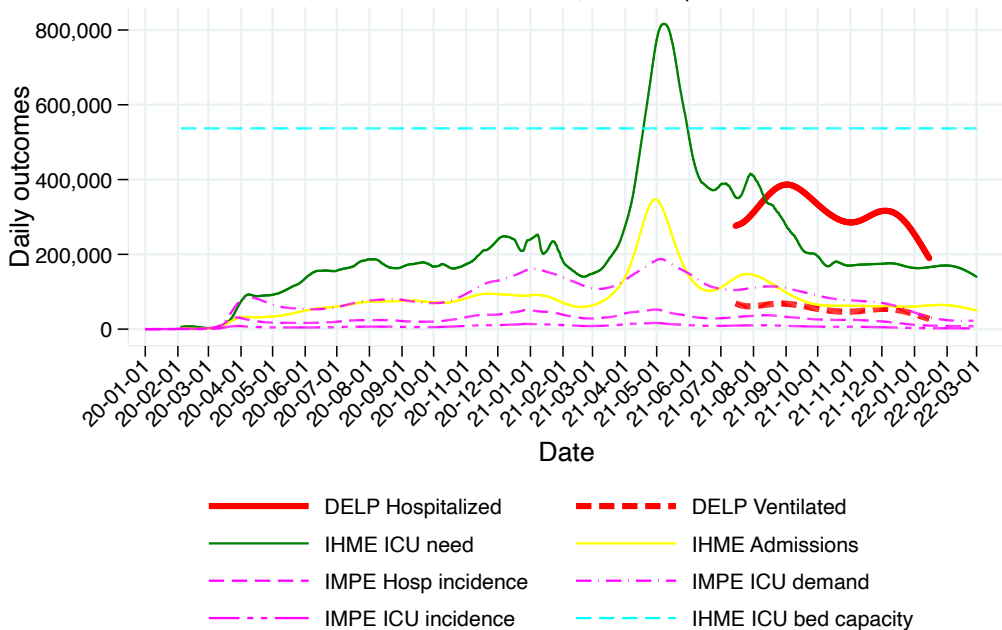
COVID-19 daily hospital-related outcomes global, reference scenarios

without IHME Bed need, IMPE Hosp demand



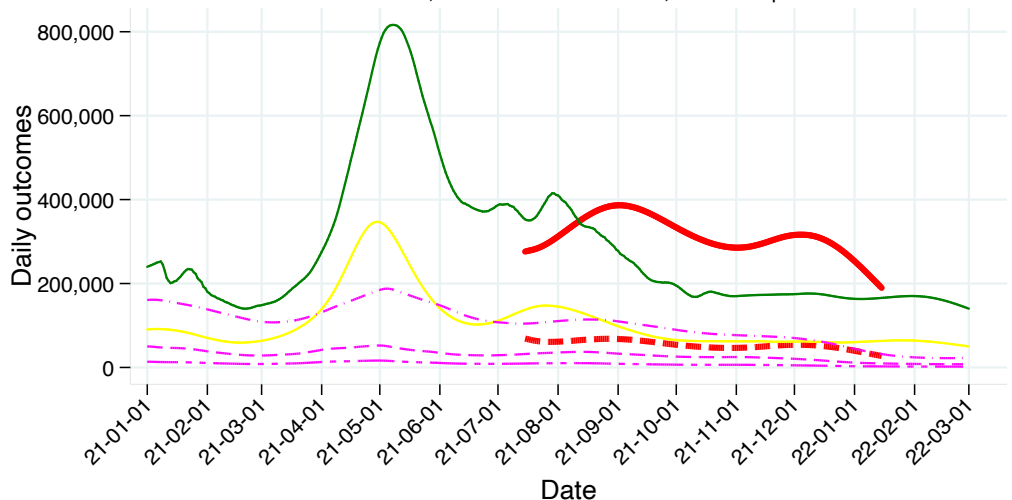
COVID-19 daily hospital-related outcomes global, reference scenarios

without IHME Bed need, IMPE Hosp demand



COVID-19 daily hospital-related outcomes global, reference scenarios

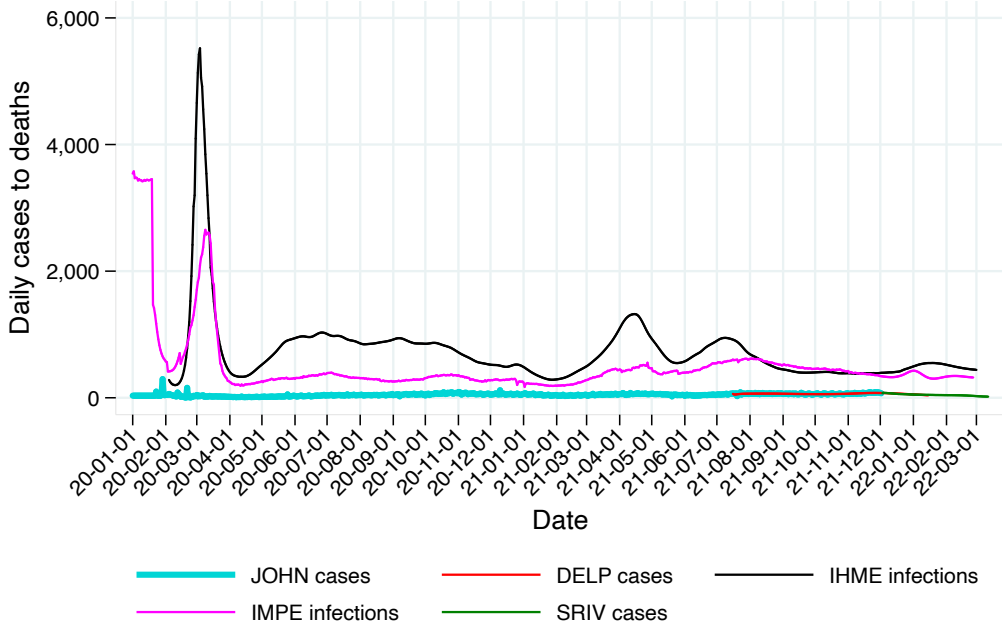
after 2021-01-01, without IHME Bed need, IMPE Hosp demand



- DELP Hospitalized
- DELP Ventilated
- IHME ICU need
- IHME Admissions
- IMPE Hosp incidence
- IMPE ICU demand
- IMPE ICU incidence

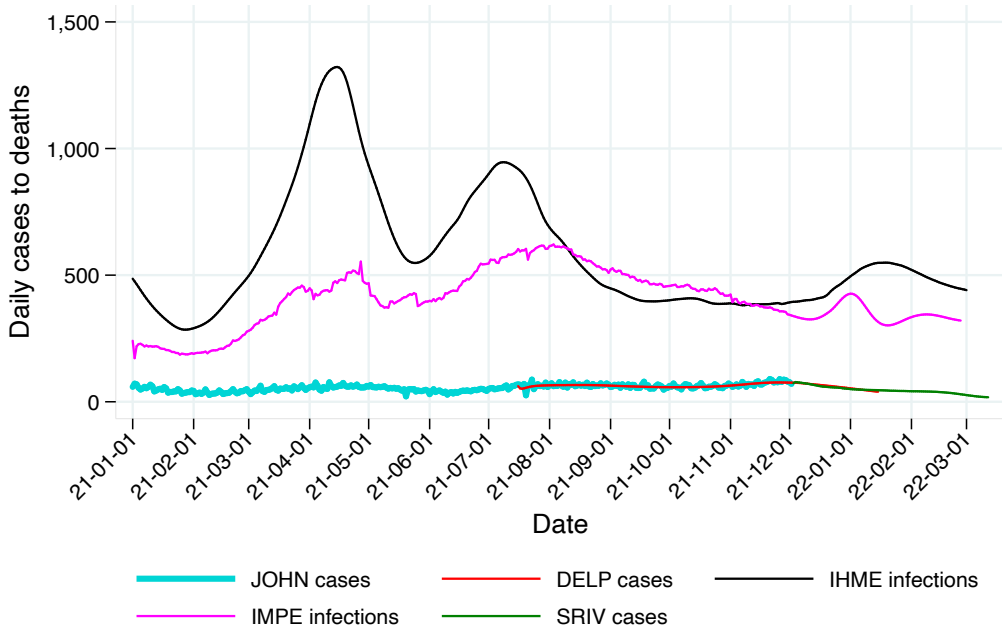
COVID-19 daily cases to deaths, global, reference scenarios

daily cases or infections to deaths



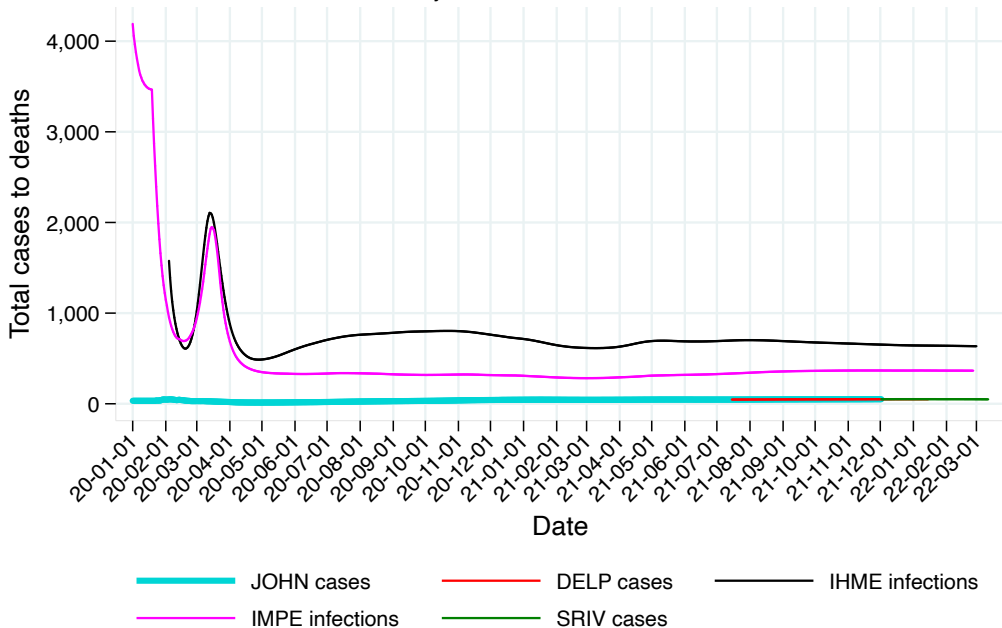
COVID-19 daily cases to deaths, global, reference scenarios

daily cases or infections to deaths; after 2021-01-01



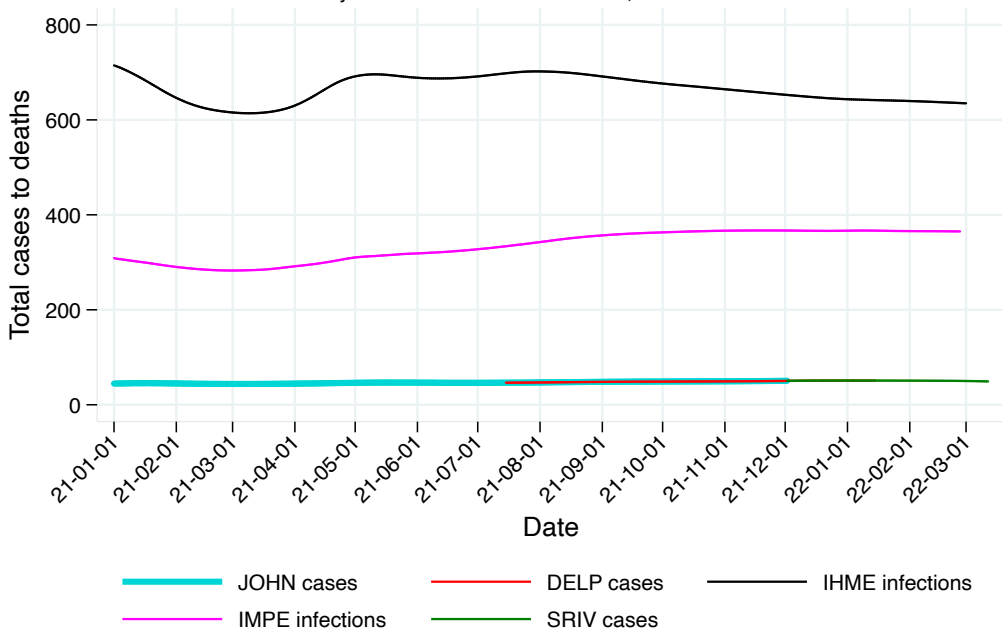
COVID-19 total cases to deaths, global, reference scenarios

daily cases or infections to deaths

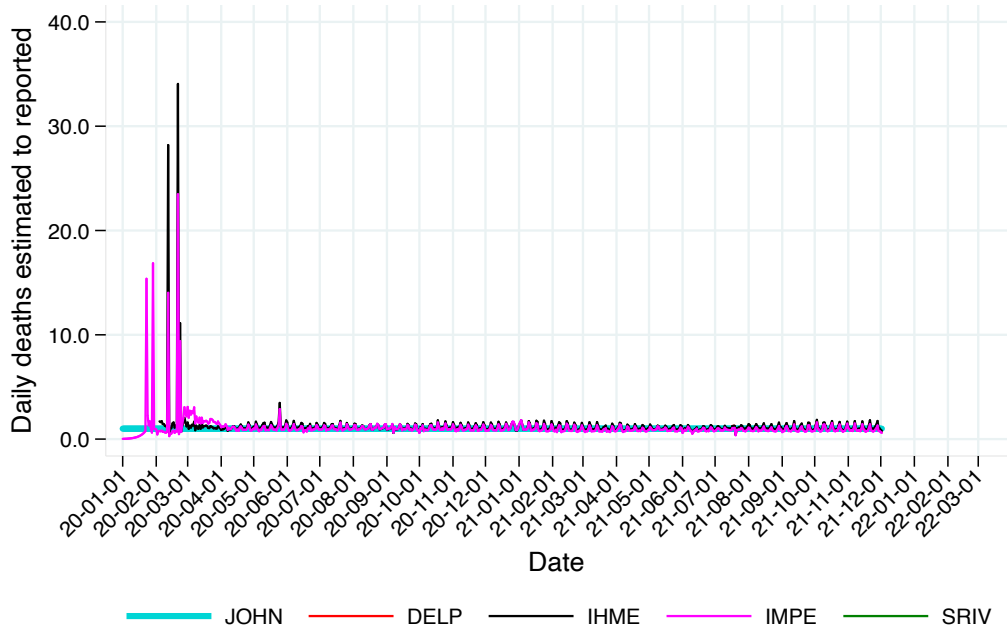


COVID-19 total cases to deaths, global, reference scenarios

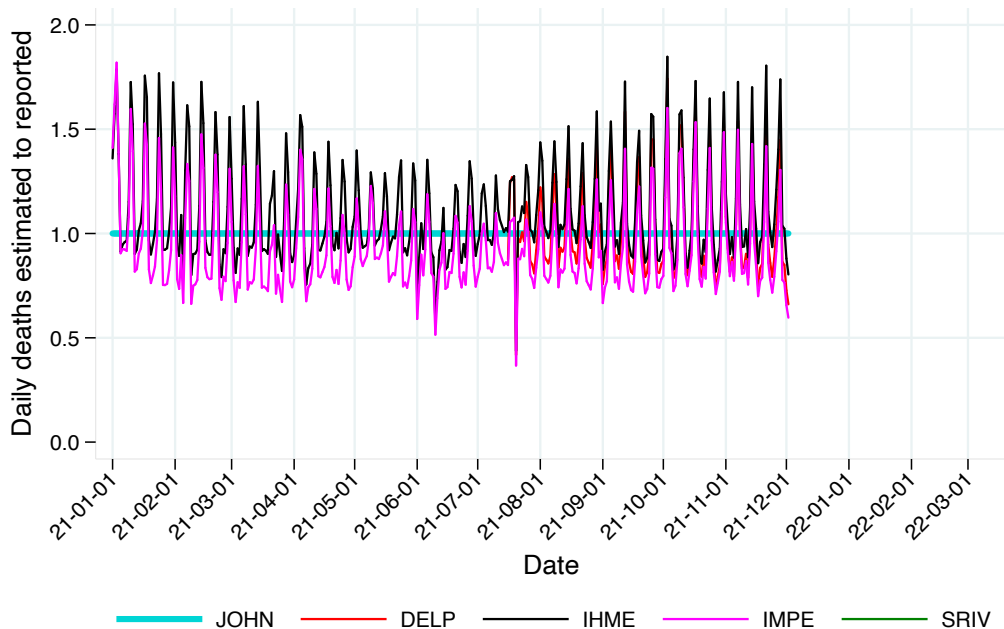
daily cases or infections to deaths; after 2021-01-01



COVID-19 daily deaths estimated to reported, global, reference scenarios

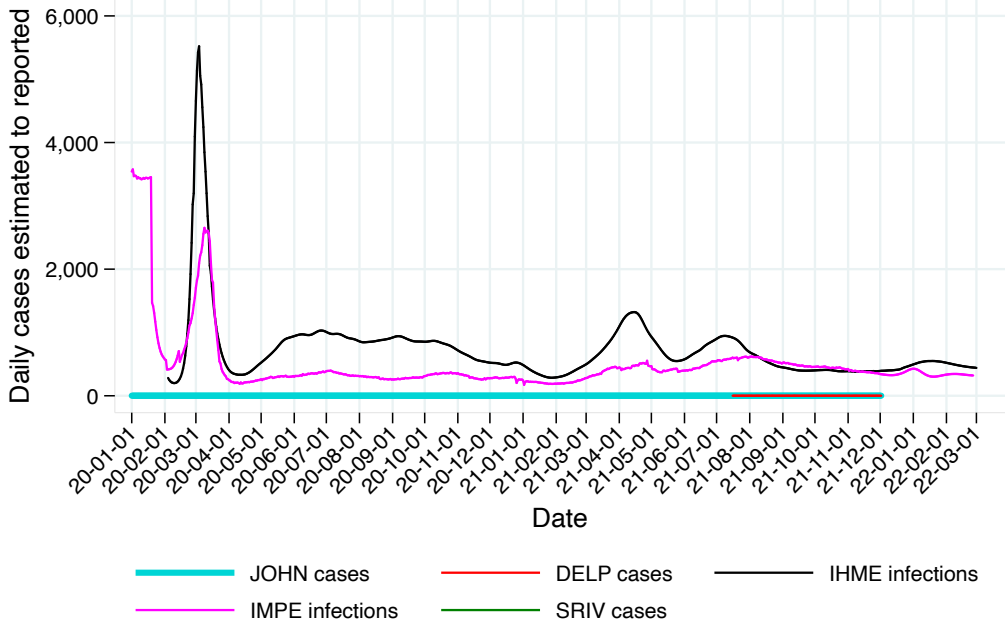


COVID-19 daily deaths estimated to reported, global, reference scenarios



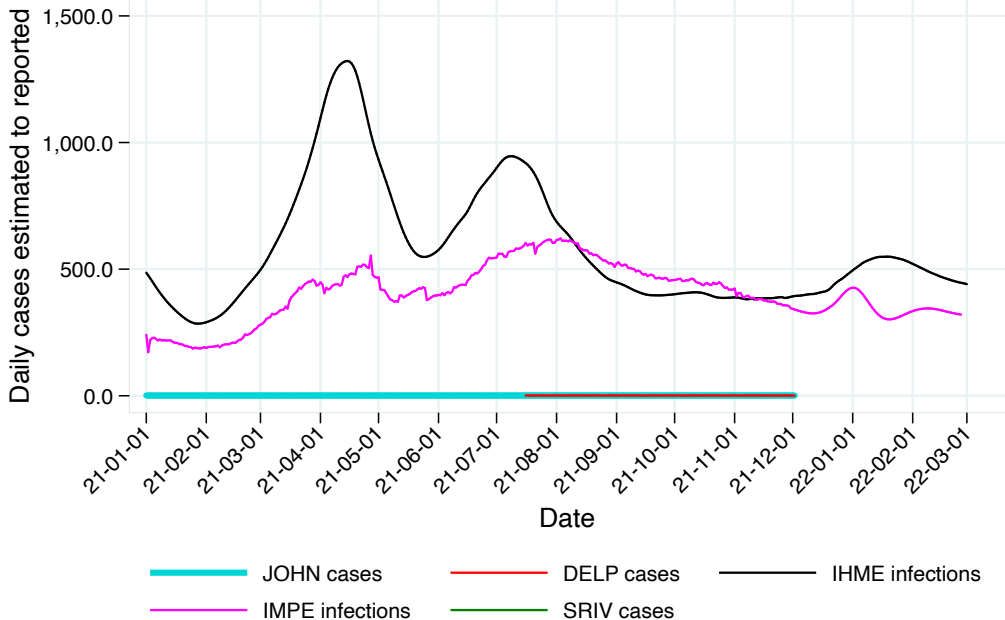
COVID-19 daily cases estimated to reported, global, reference scenarios

daily cases or infections estimated, to reported cases

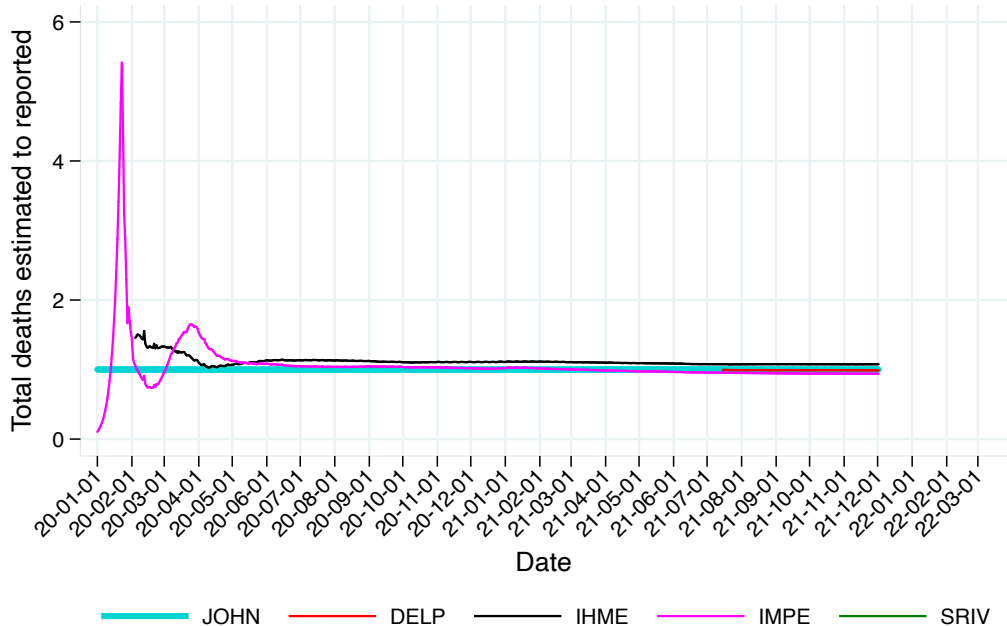


COVID-19 daily cases estimated to reported, global, reference scenarios

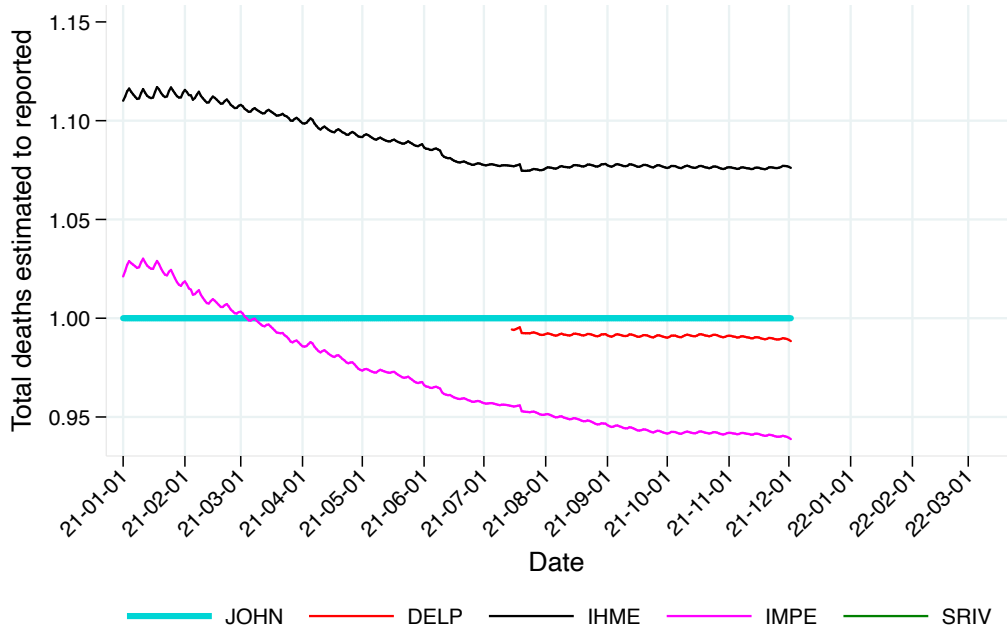
daily cases or infections estimated, to reported cases



COVID-19 total deaths estimated to reported, global, reference scenarios

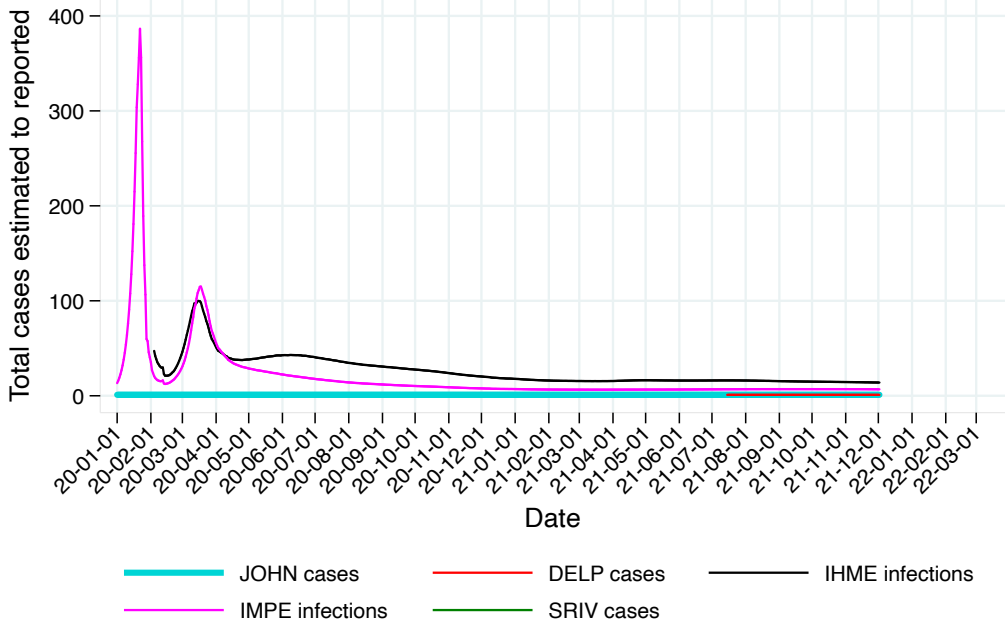


COVID-19 total deaths estimated to reported, global, reference scenarios



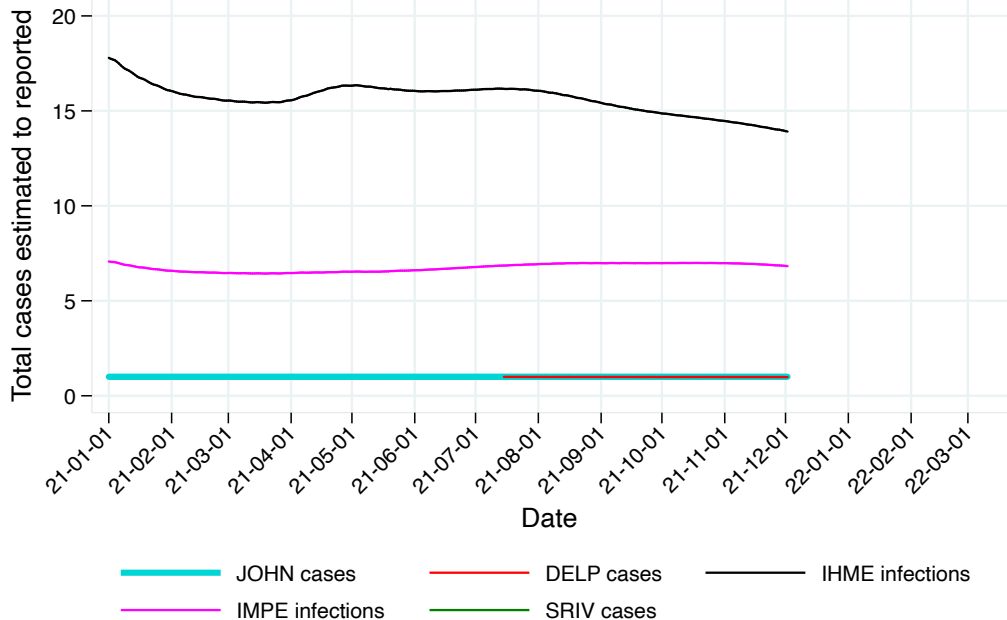
COVID-19 total cases estimated to reported, global, reference scenarios

total cases or infections estimated, to reported cases

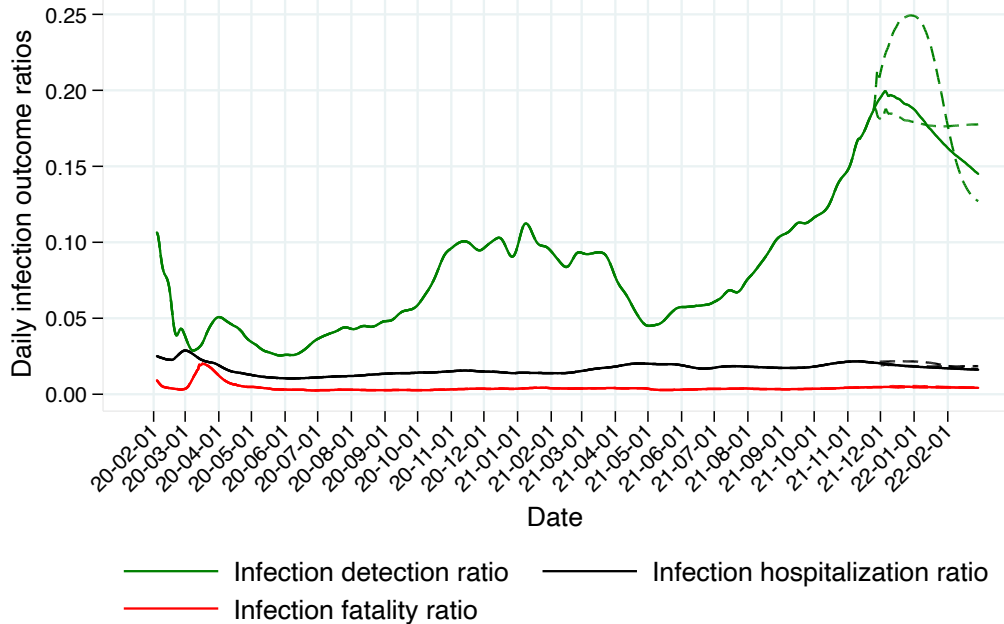


COVID-19 total cases estimated to reported, global, reference scenarios

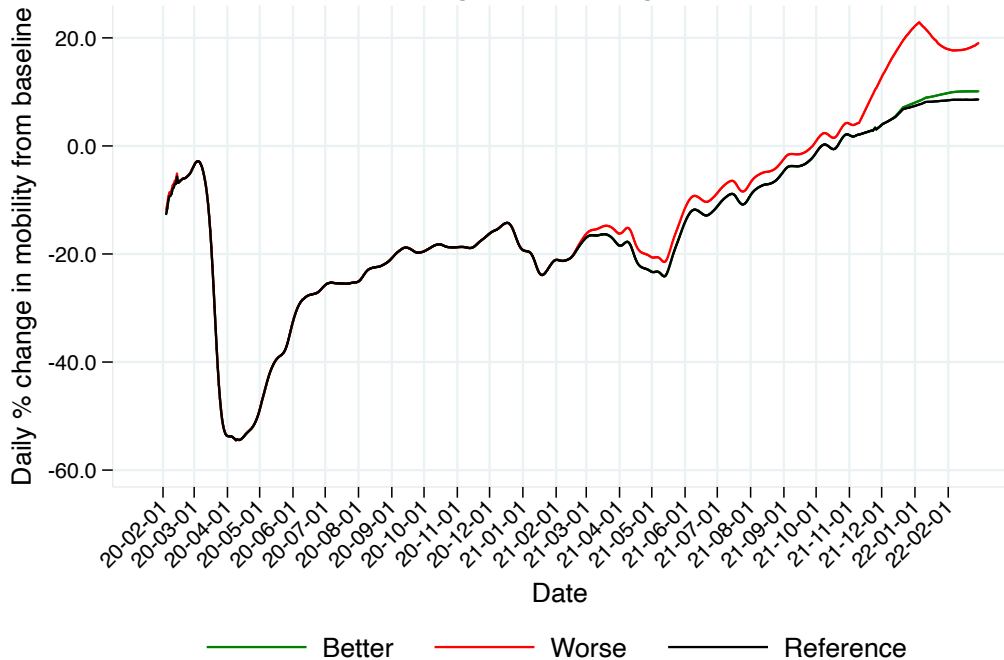
total cases or infections estimated, to reported cases



COVID-19 daily infection outcome ratios, global, IHME, 3 scenarios

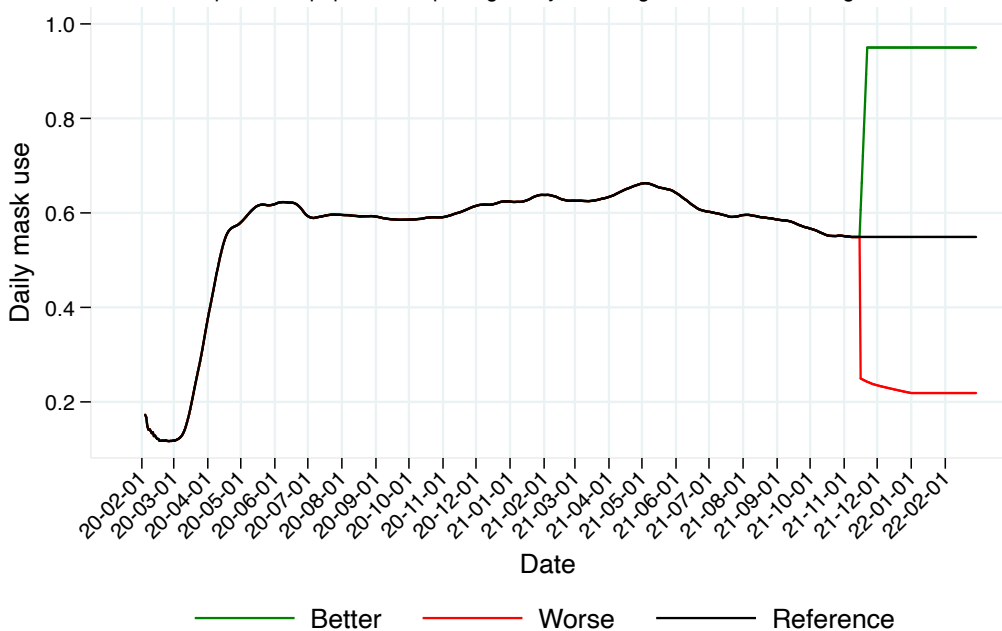


COVID-19 daily % change in mobility, global, IHME, 3 scenarios

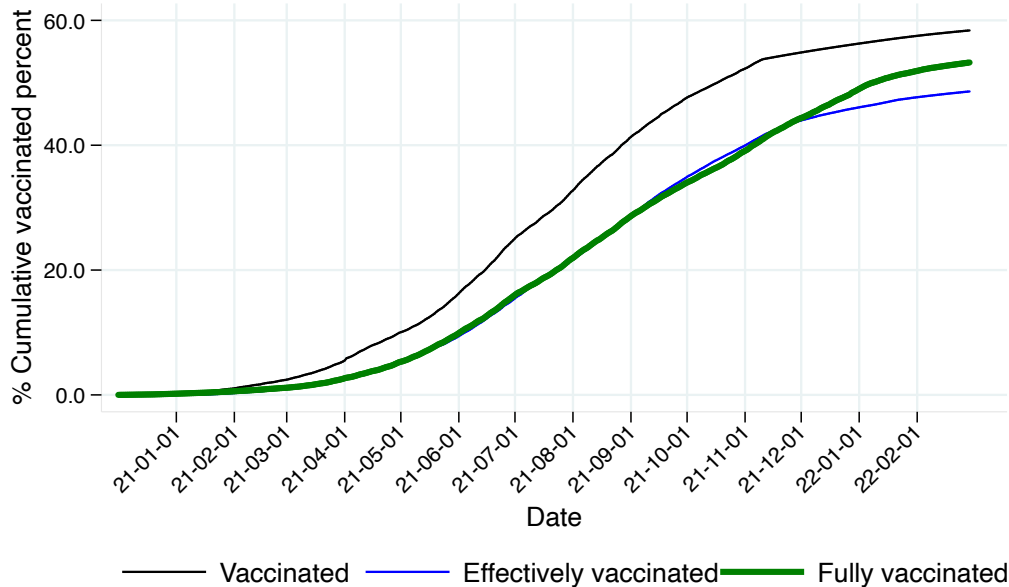


COVID-19 daily mask use, global, IHME, 3 scenarios

Proportion of population reporting always wearing a mask when leaving home



COVID-19 cumulative vaccinated percent, global, IHME, 3 scenarios

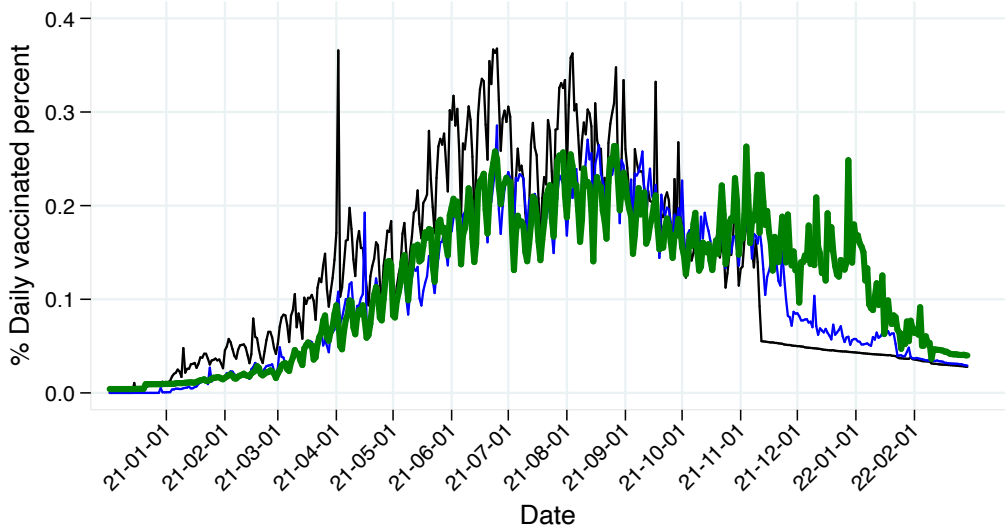


Vaccinated: Initially vaccinated (one dose of two doses)

Effectively vaccinated: one and two dose with efficacy

Fully vaccinated: one of one and two of two doses

COVID-19 daily vaccinated percent, global, IHME, 3 scenarios



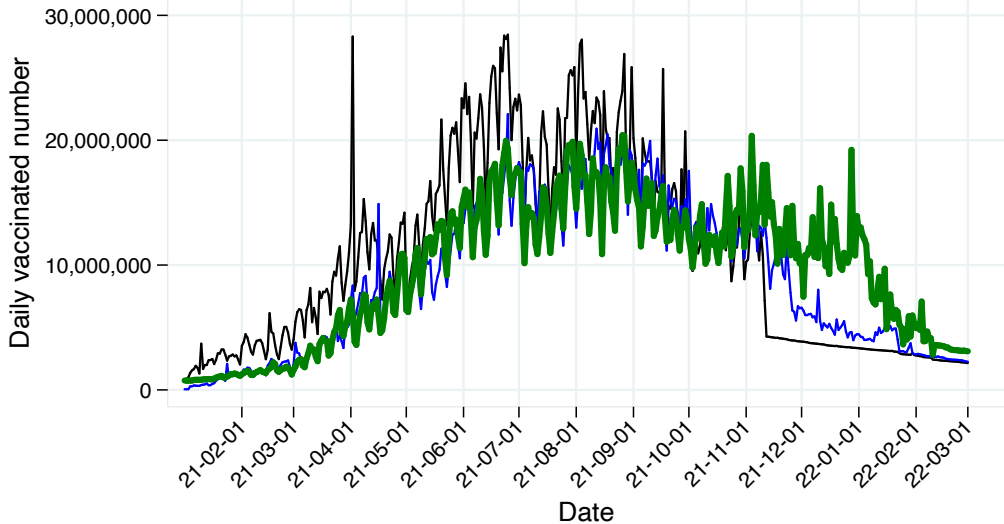
— Vaccinated — Effectively vaccinated — Fully vaccinated

Vaccinated: Initially vaccinated (one dose of two doses)

Effectively vaccinated: one and two dose with efficacy

Fully vaccinated: one of one and two of two doses

COVID-19 daily vaccinated number, global, IHME, 3 scenarios



— Vaccinated — Effectively vaccinated — Fully vaccinated

Vaccinated: Initially vaccinated (one dose of two doses)

Effectively vaccinated: one and two dose with efficacy

Fully vaccinated: one of one and two of two doses