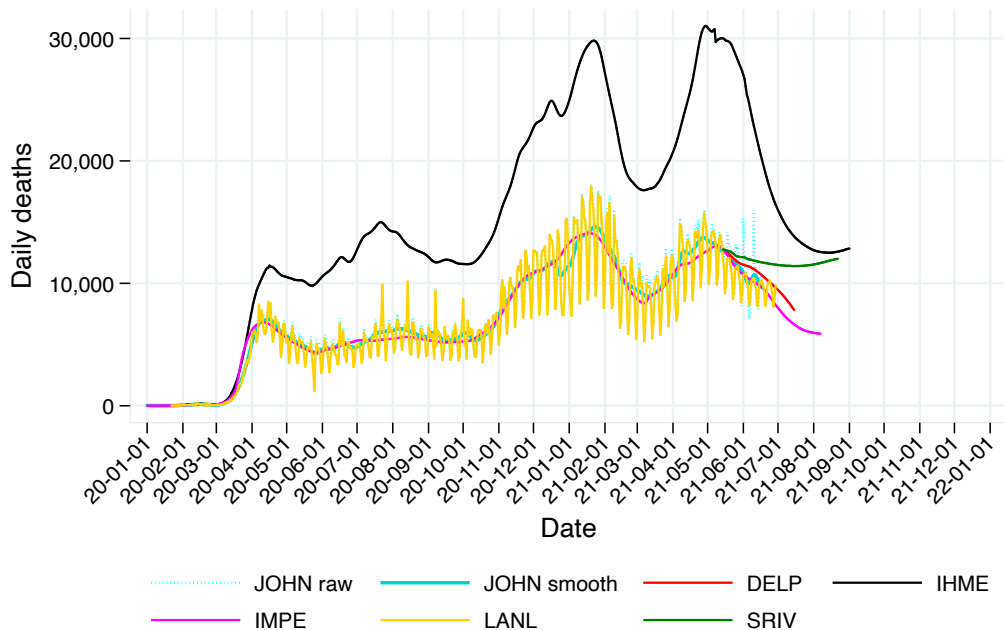
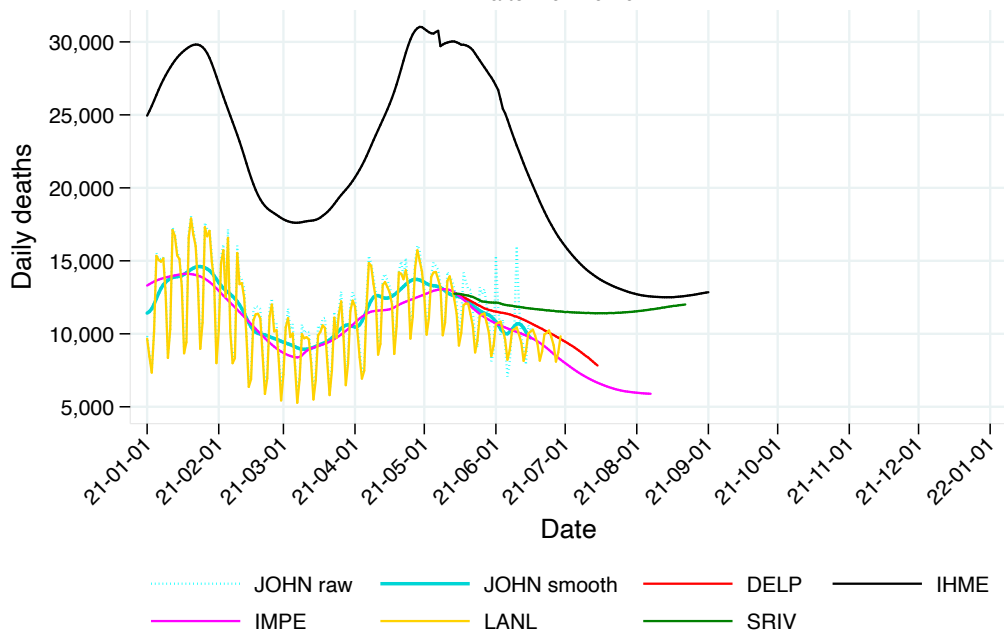


COVID-19 daily deaths, global, reference scenarios



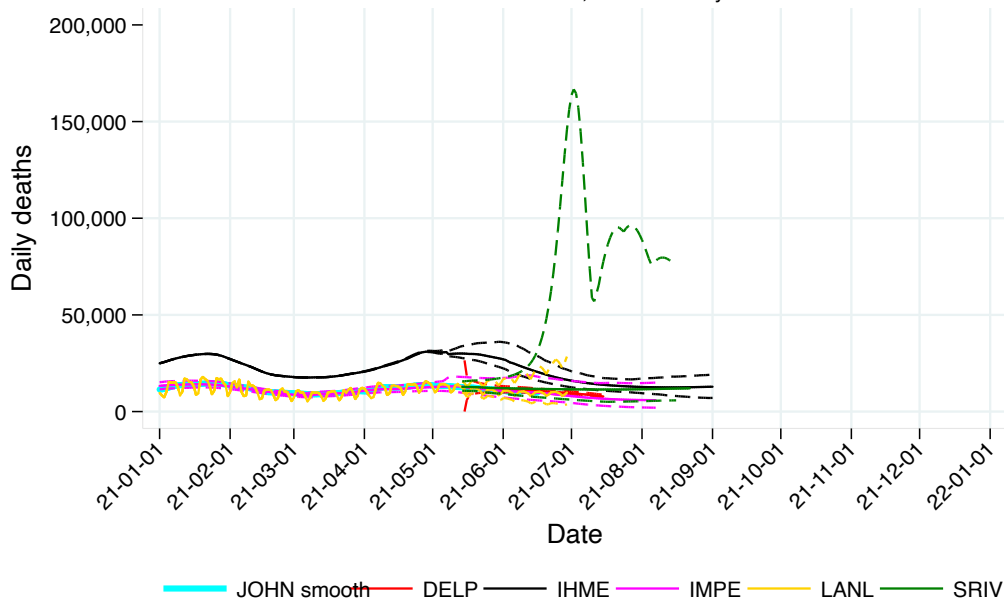
COVID-19 daily deaths, global, reference scenarios

after 2021-01-01



COVID-19 daily deaths, global, reference scenarios

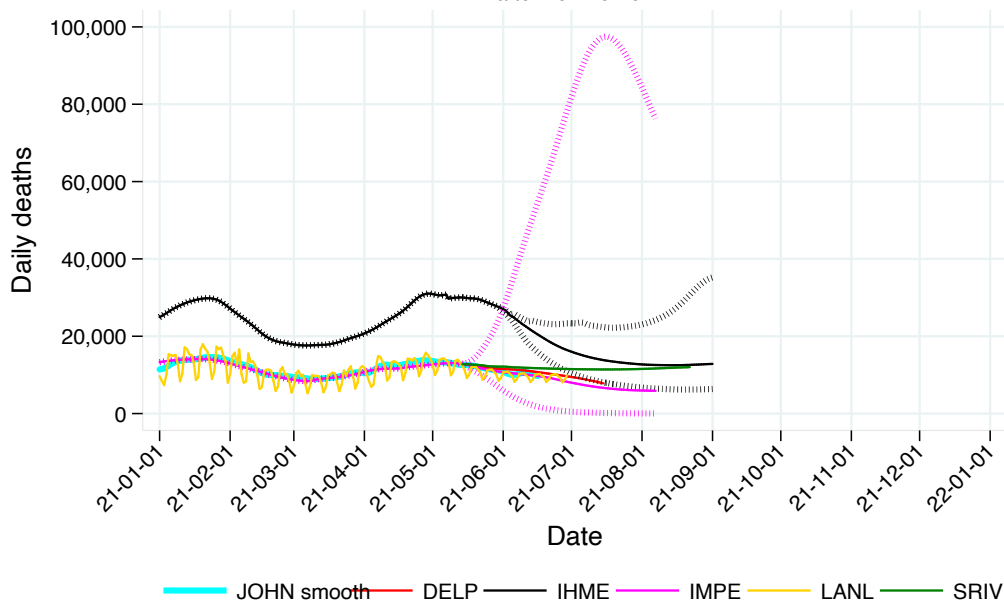
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

COVID-19 daily deaths, global, 3 scenarios

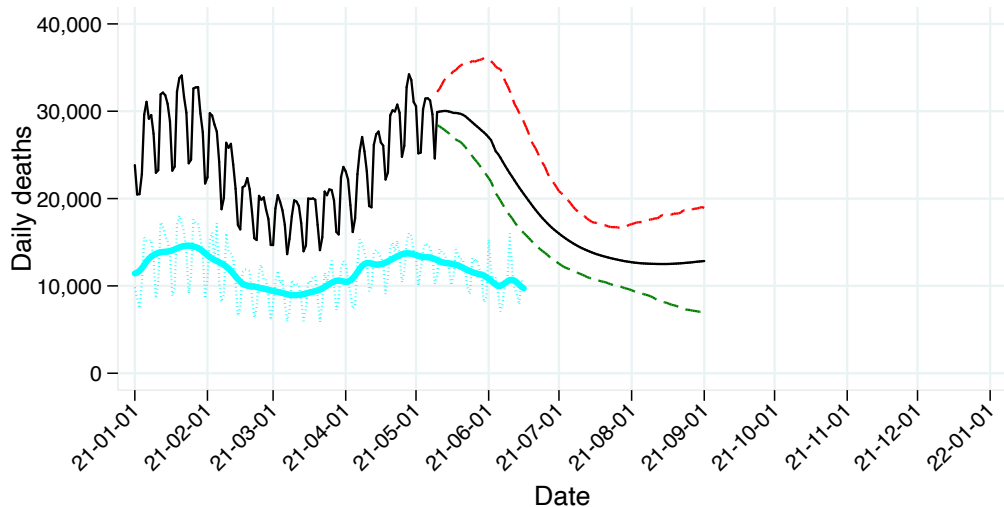
after 2021-01-01



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

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

after 2021-01-01

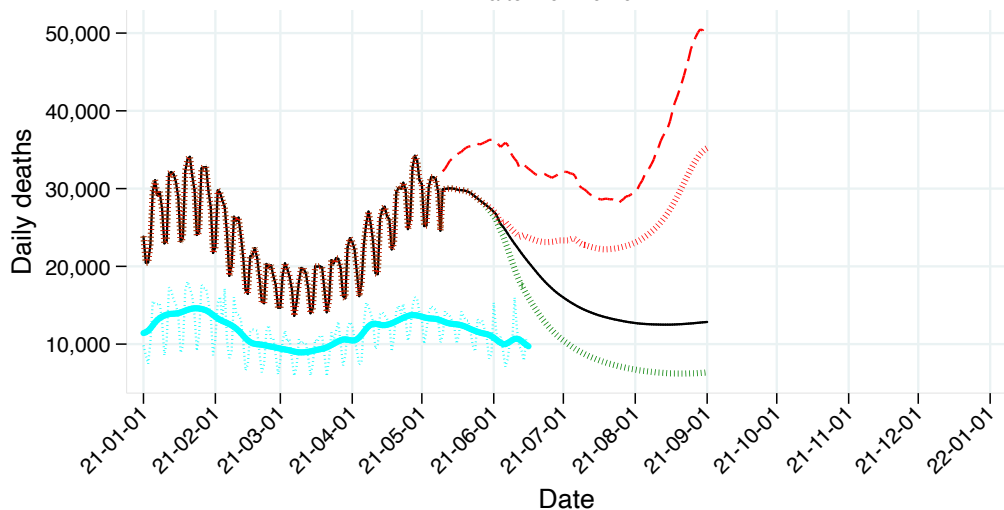


JOHN raw JOHN smooth IHME mean
IHME lower IHME upper

Uncertainty limits: dashed (---) curves

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

after 2021-01-01



JOHN raw

JOHN smooth

IHME reference

IHME best

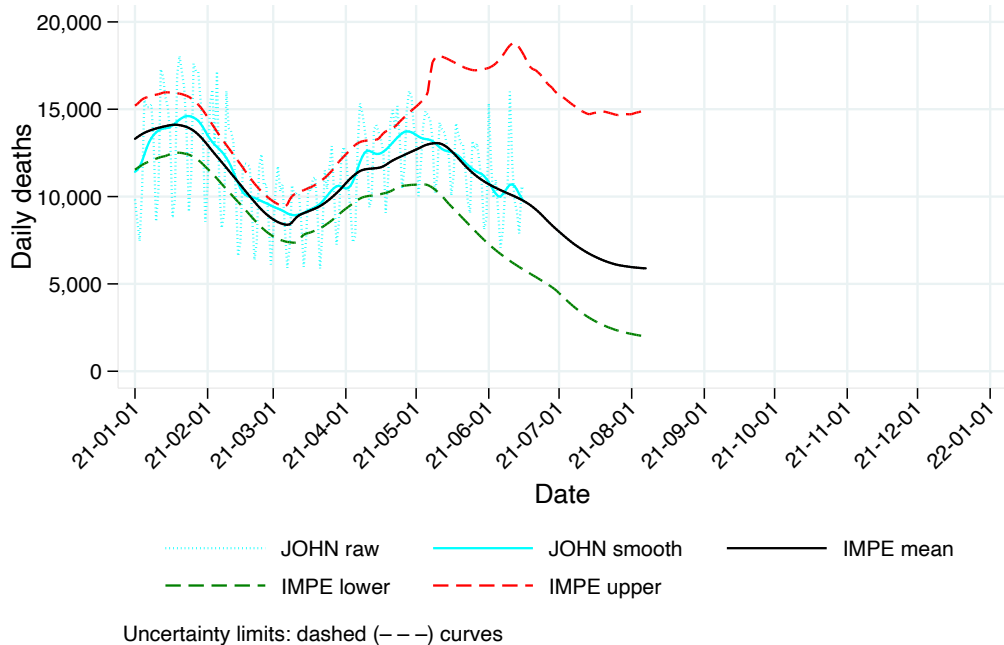
IHME worse

IHME worse upper

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

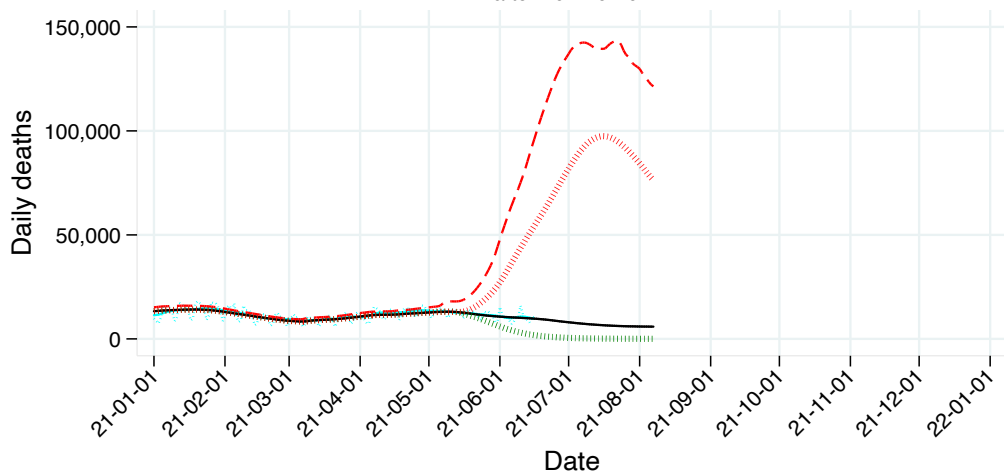
COVID-19 daily deaths, global, reference scenario w/ uncertainty, IMPE

after 2021-01-01



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

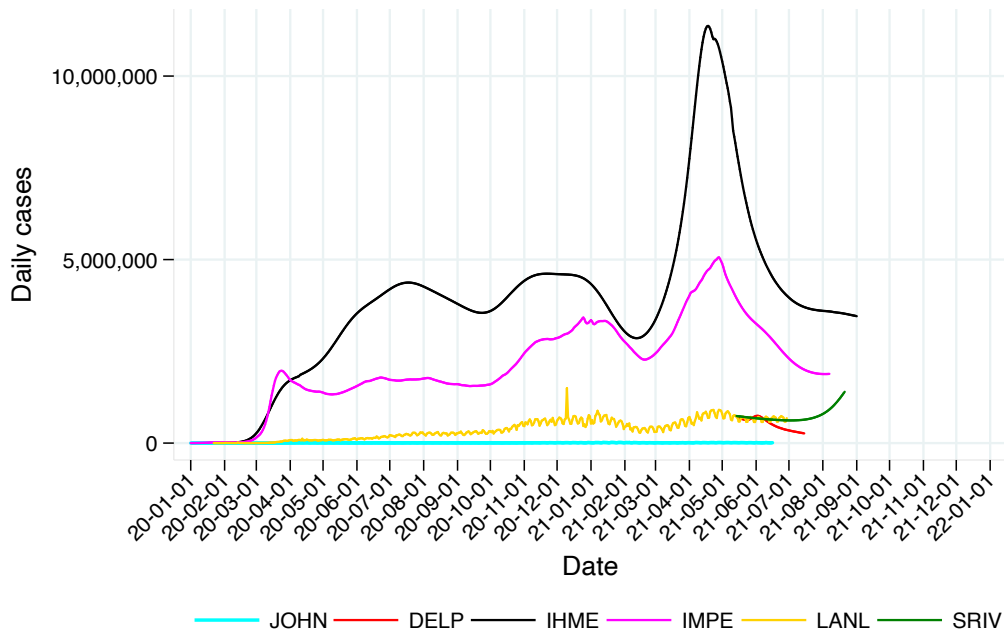
after 2021-01-01



- JOHN raw
- JOHN smooth
- IMPE reference
- IMPE better
- IMPE worse
- IMPE worse upper

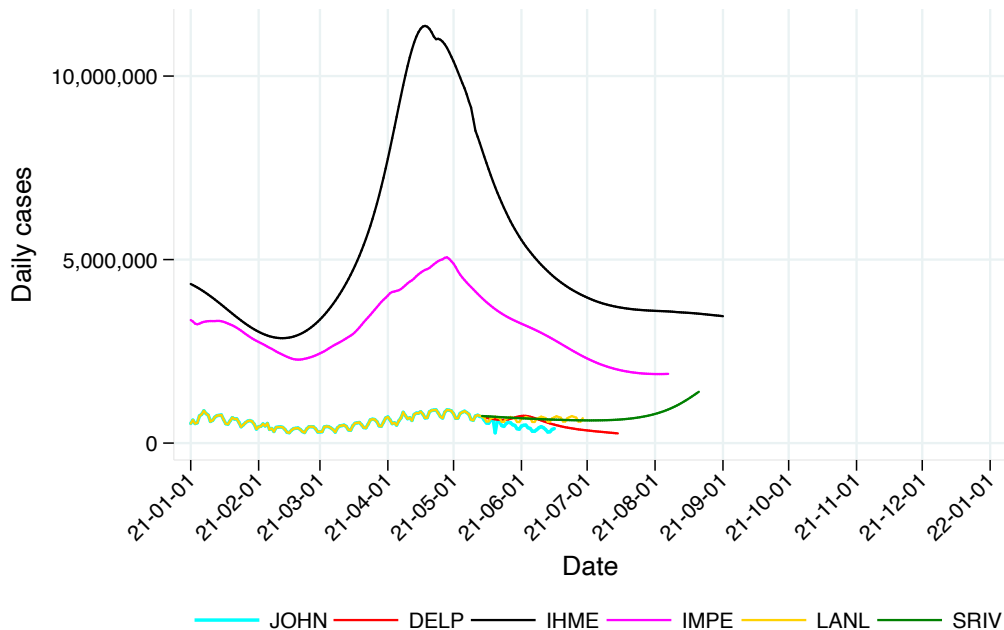
Better and worse scenarios: tight dot (|||||) curves; Uncertainty limits: dashed (---) curves

COVID-19 daily cases, global, reference scenarios



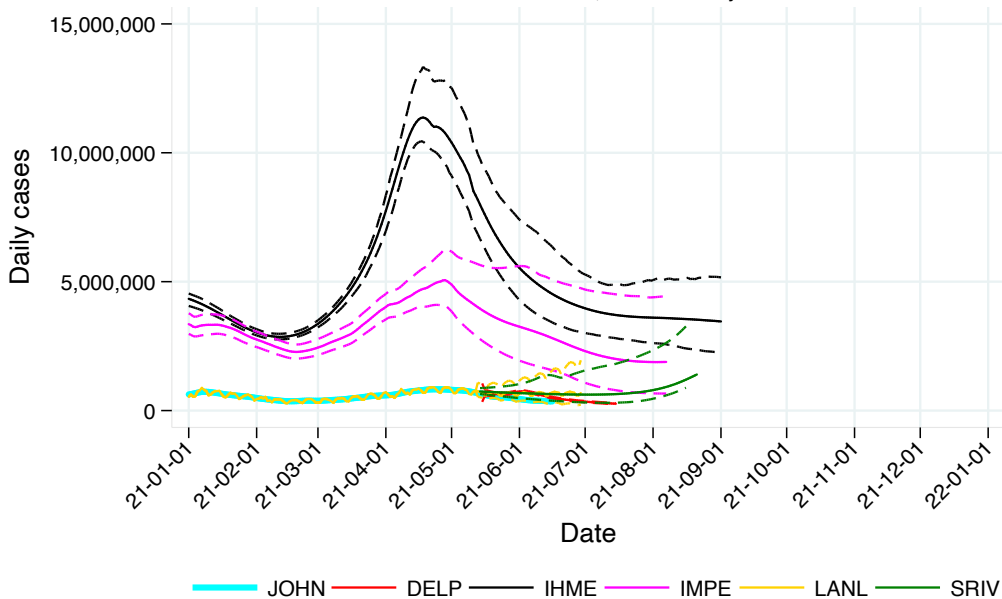
COVID-19 daily cases, global, reference scenarios

after 2021-01-01



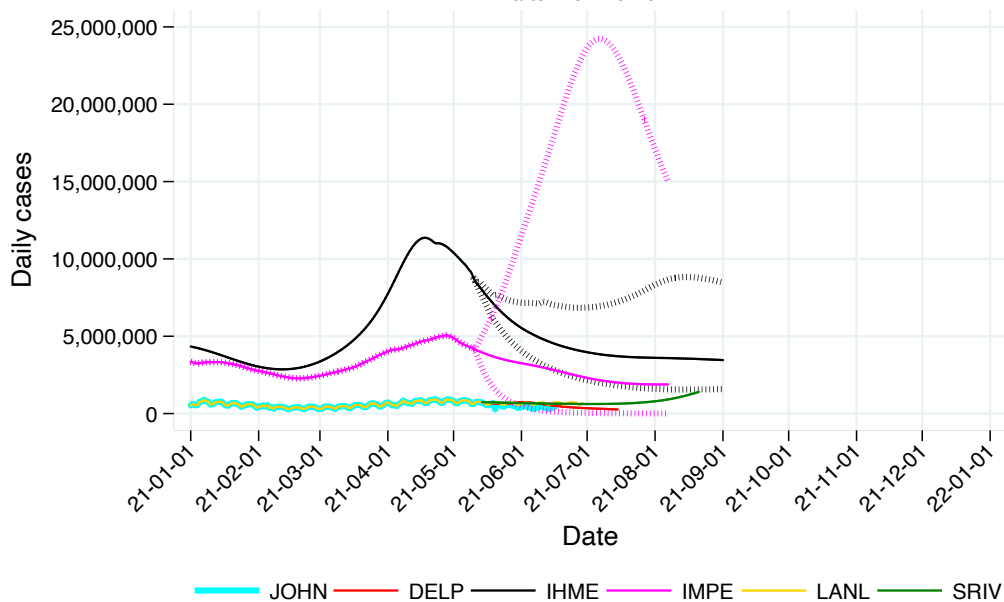
COVID-19 daily cases, global, reference scenarios

after 2021-01-01, w/ uncertainty



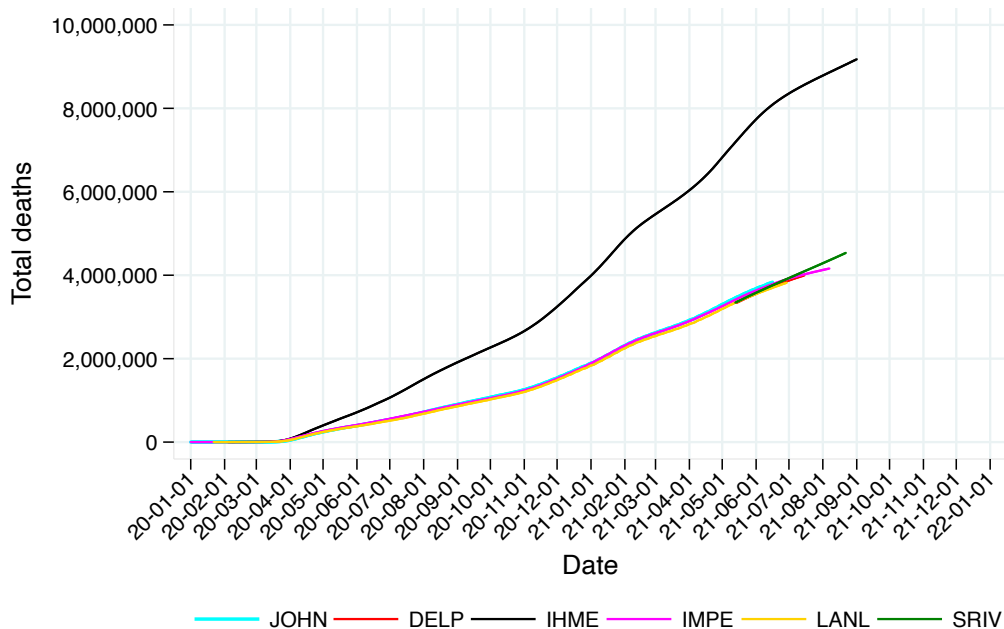
COVID-19 daily cases, global, 3 scenarios

after 2021-01-01



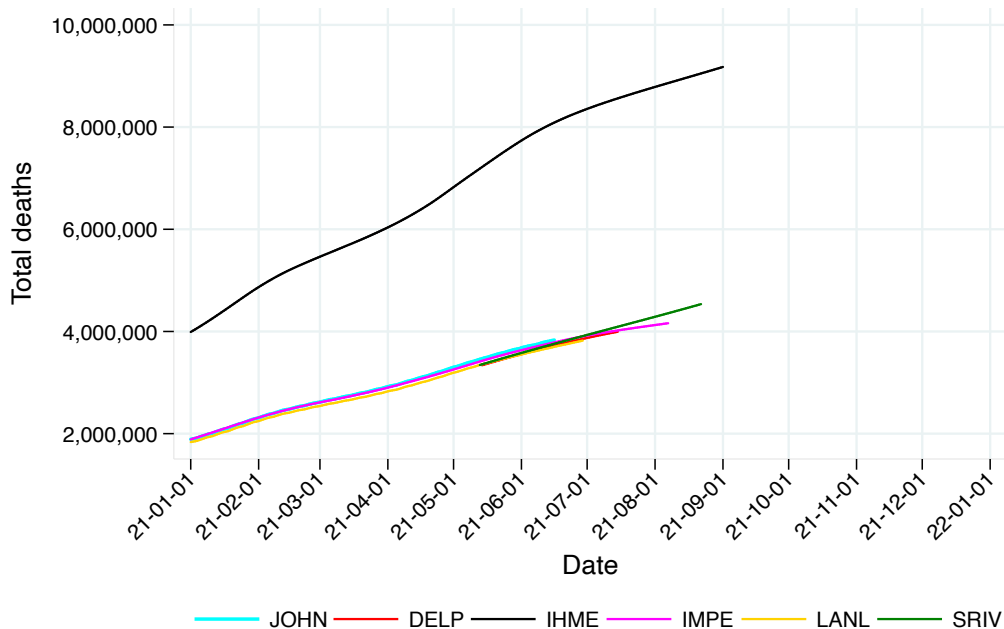
Better and worse scenarios: tight dot (||||) curves; IHME and IMPE

COVID-19 total deaths, global, reference scenarios



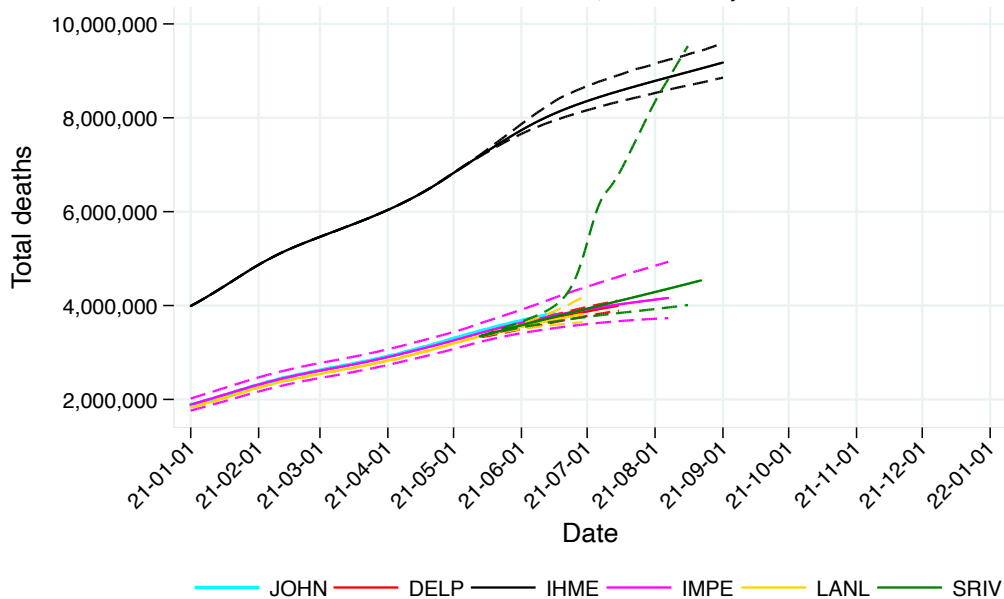
COVID-19 total deaths, global, reference scenarios

after 2021-01-01



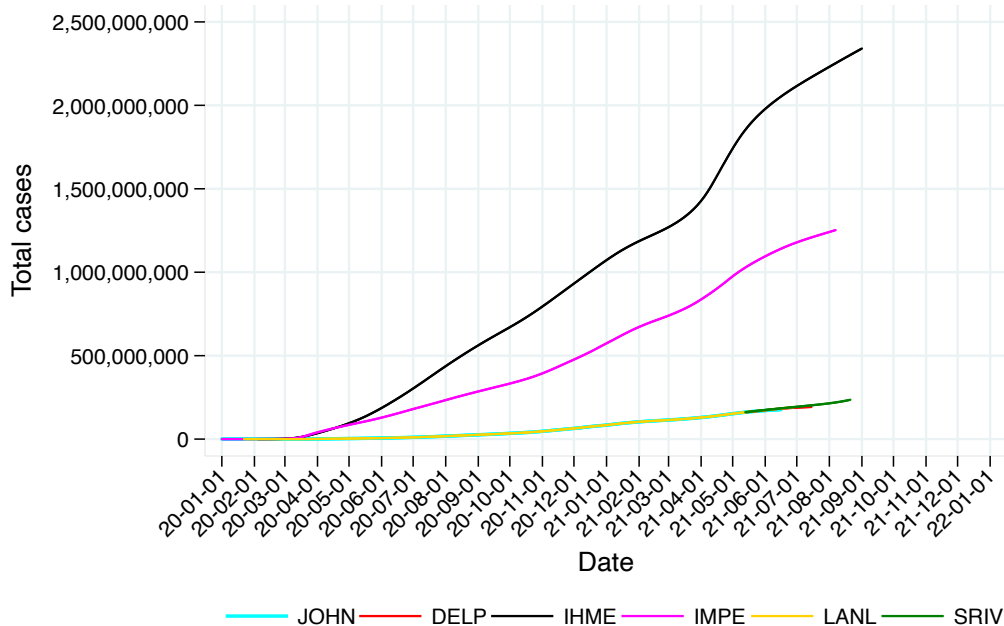
COVID-19 total deaths, global, reference scenarios

after 2021-01-01, w/ uncertainty



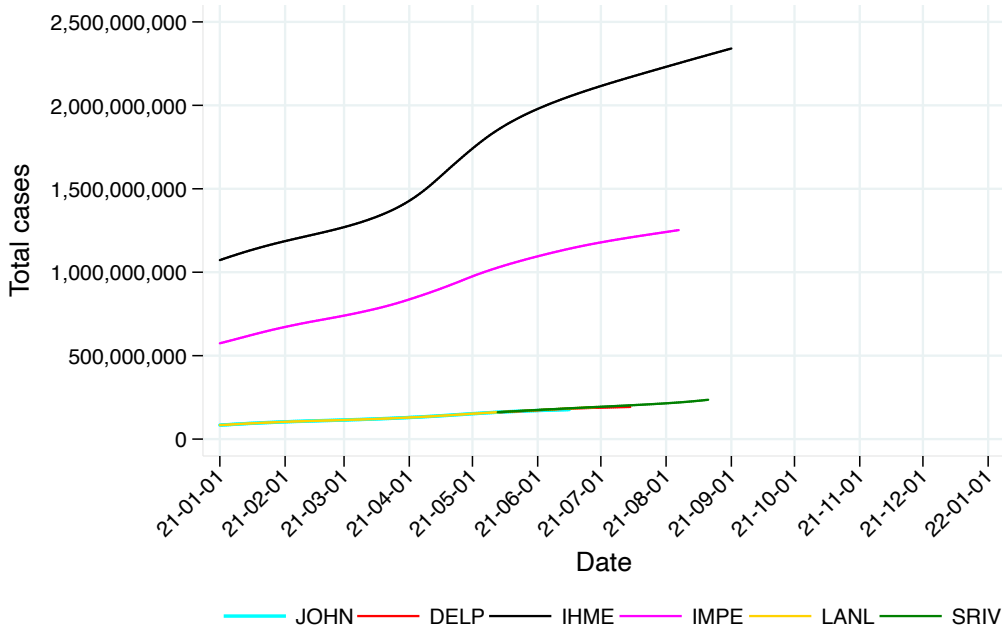
Uncertainty limits: dashed curves

COVID-19 total cases, global, reference scenarios



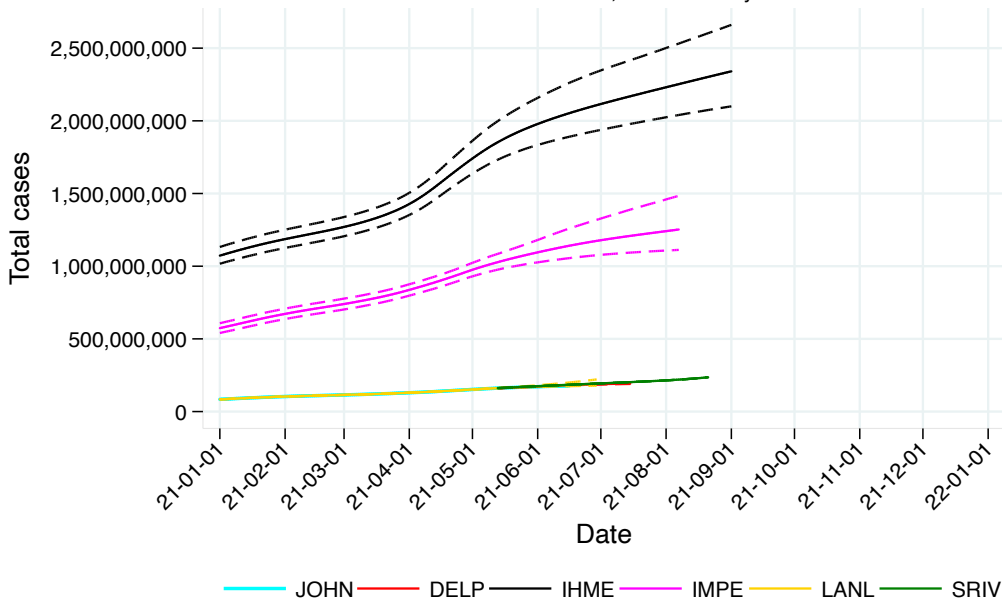
COVID-19 total cases, global, reference scenarios

after 2021-01-01



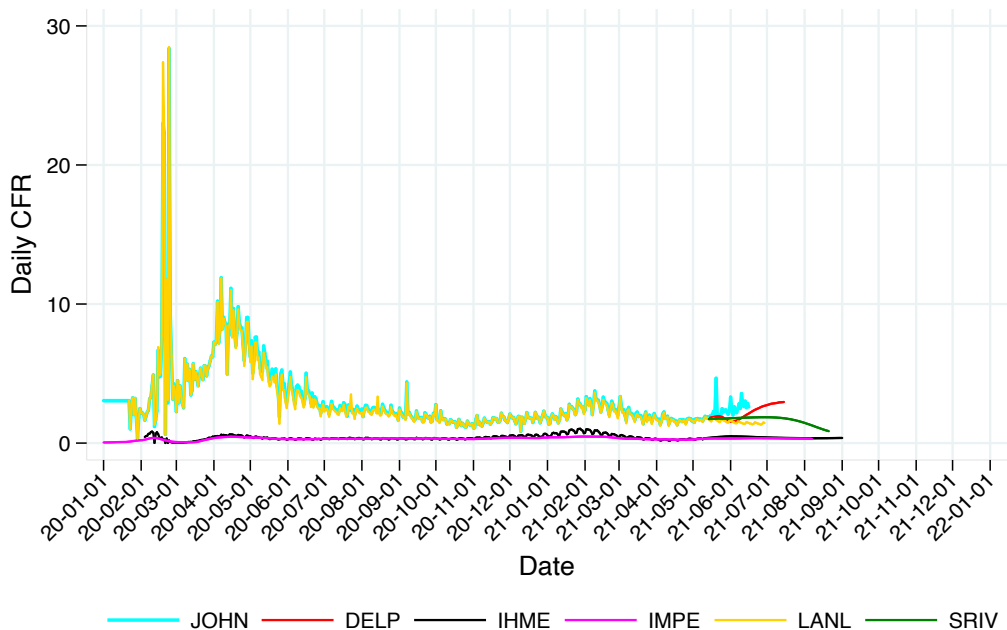
COVID-19 total cases, global, reference scenarios

after 2021-01-01, w/ uncertainty



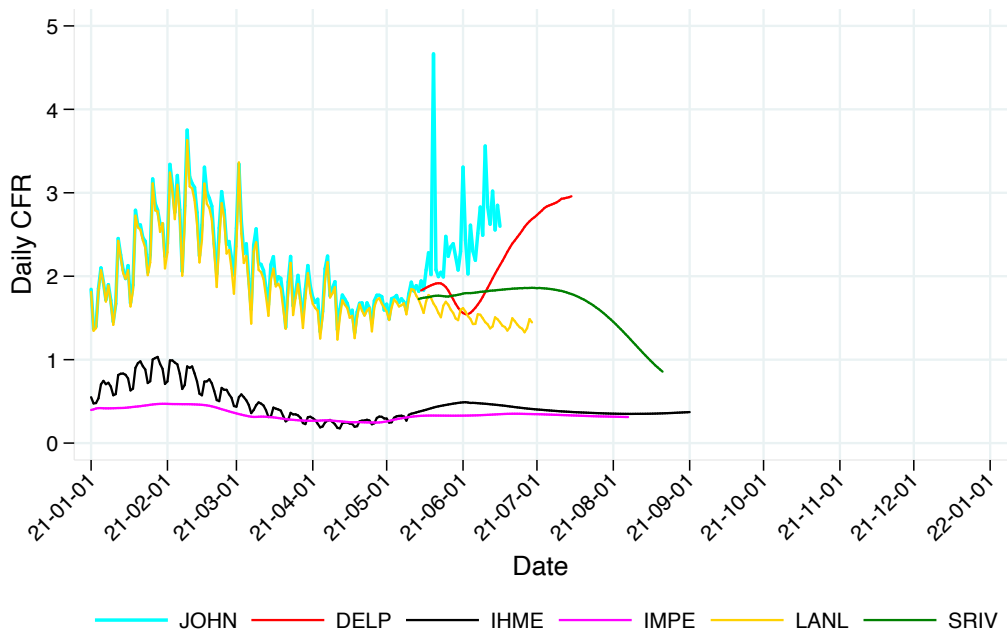
Uncertainty limits: dashed curves

COVID-19 daily CFR, global, reference scenarios



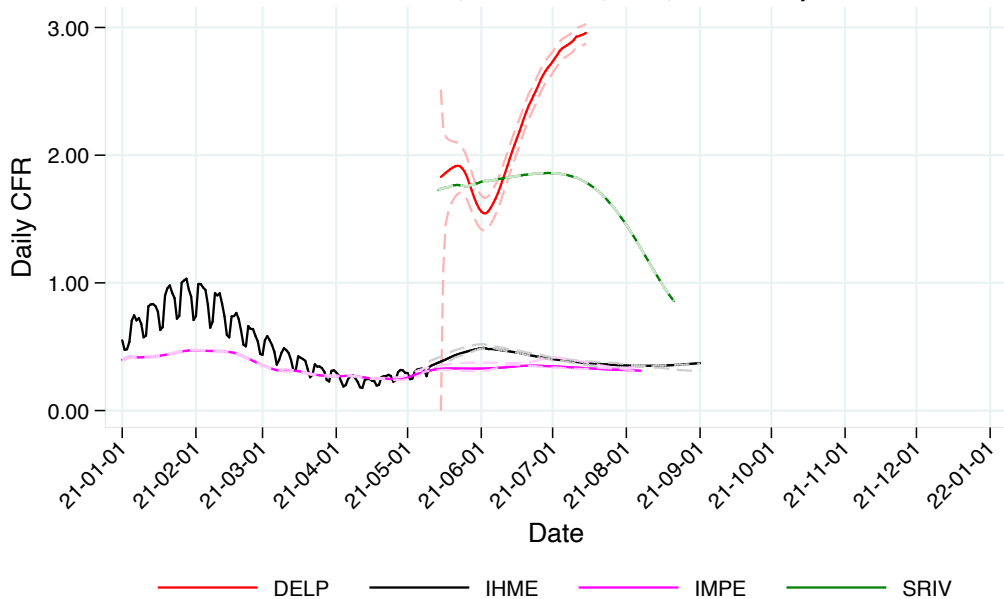
COVID-19 daily CFR, global, reference scenarios

after 2021-01-01



COVID-19 daily CFR, global, reference scenarios

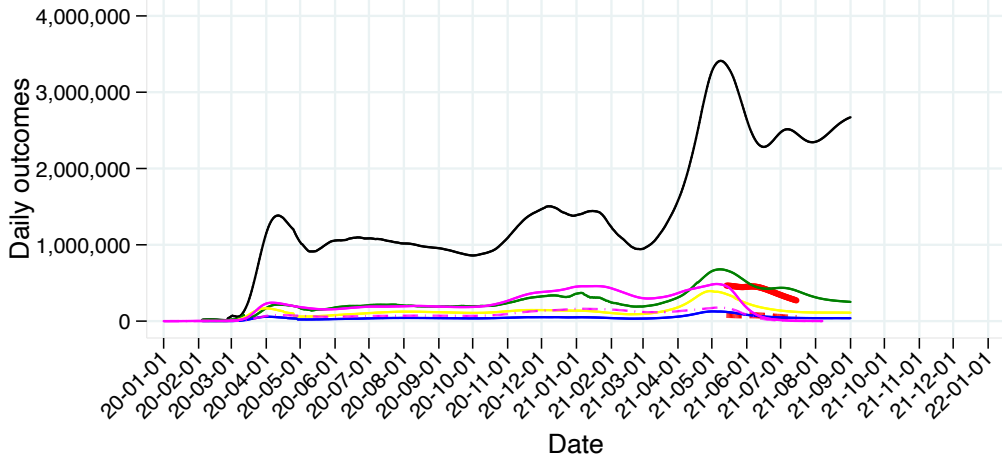
after 2021-01-01, without JOHN, LANL, w/ uncertainty



Uncertainty limits: dashed light curves.

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

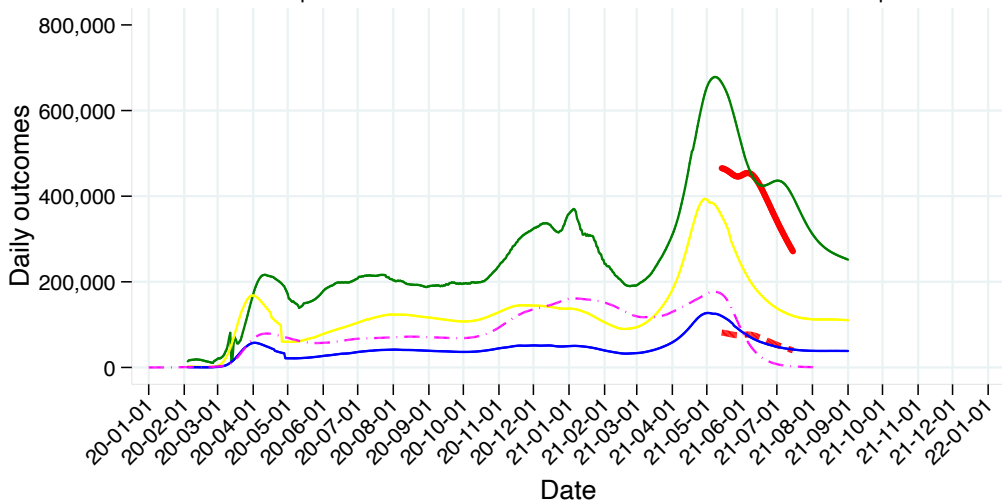
IMPE Hospital incidence and ICU incidence not available in this IMPE update



- | | |
|---|---|
| — DELP Hospitalized | - - - DELP Ventilated |
| — IHME Bed need | — IHME ICU need |
| — IHME Admissions | — IHME ICU new |
| — IMPE Hosp demand | - . - IMPE ICU incidence |

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

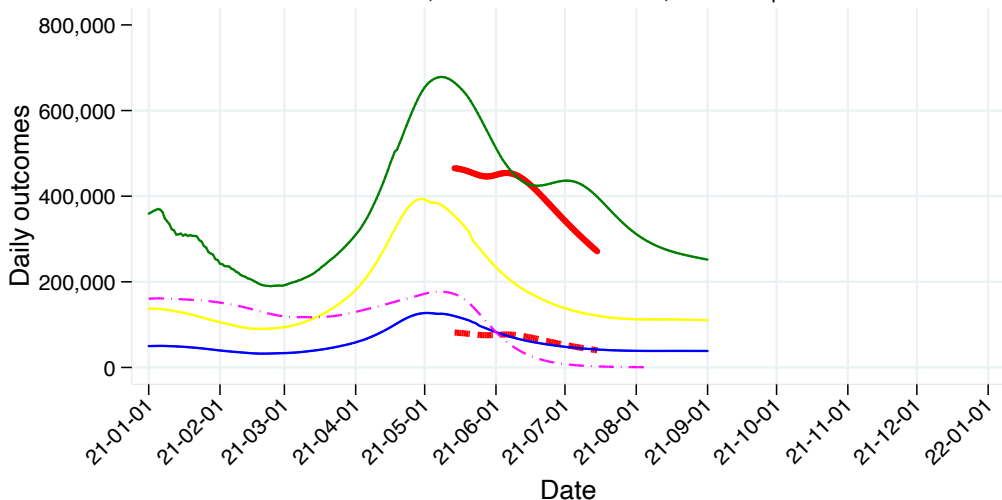
IMPE Hospital incidence and ICU incidence not available in this IMPE update



DELP Hospitalized	DELP Ventilated
IHME ICU need	IHME Admissions
IHME ICU new	IMPE ICU incidence

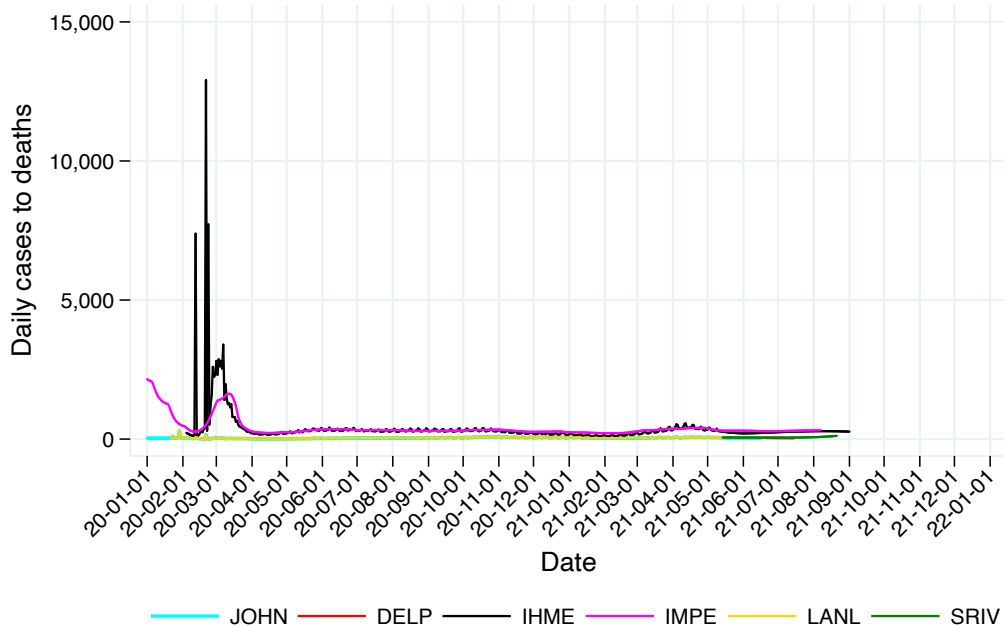
COVID-19 daily hospital-related outcomes global, median scenarios

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



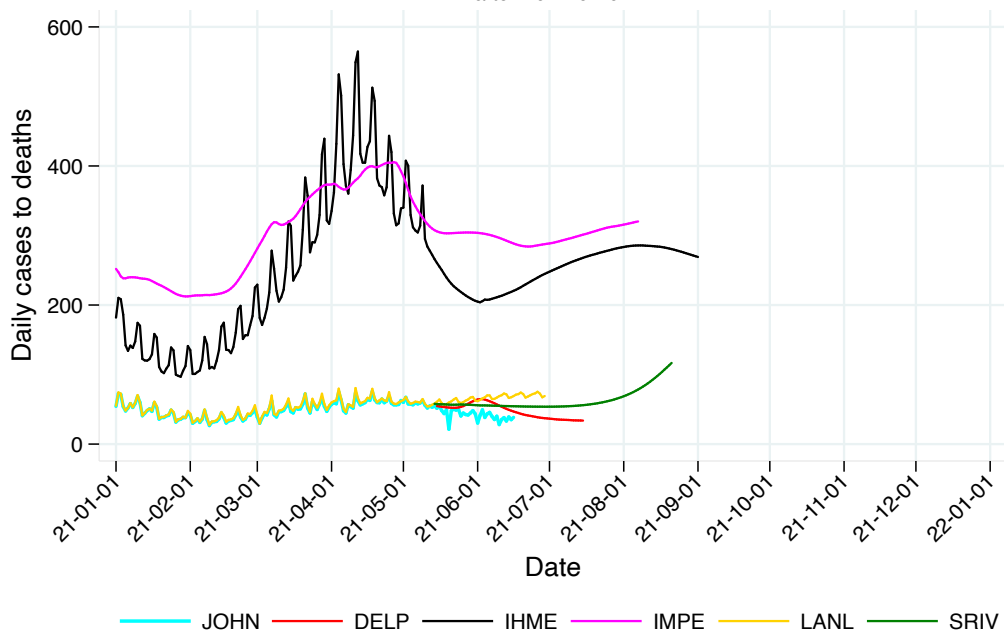
- DELP Hospitalized
- IHME ICU need
- IHME ICU new
- DELP Ventilated
- IHME Admissions
- IMPE ICU demand

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

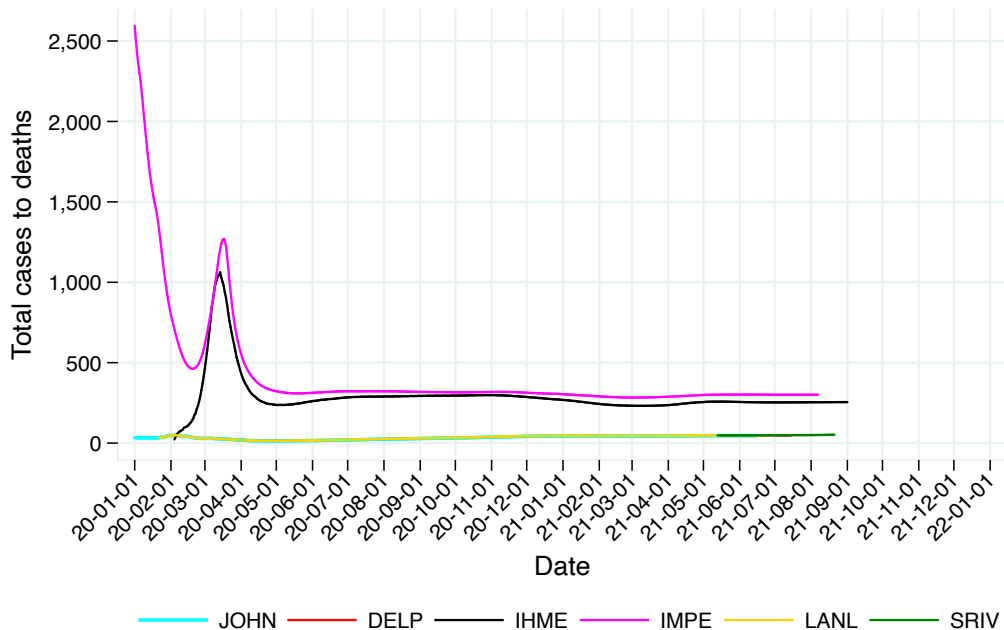


COVID-19 daily cases to deaths, global, reference scenarios

after 2021-01-01

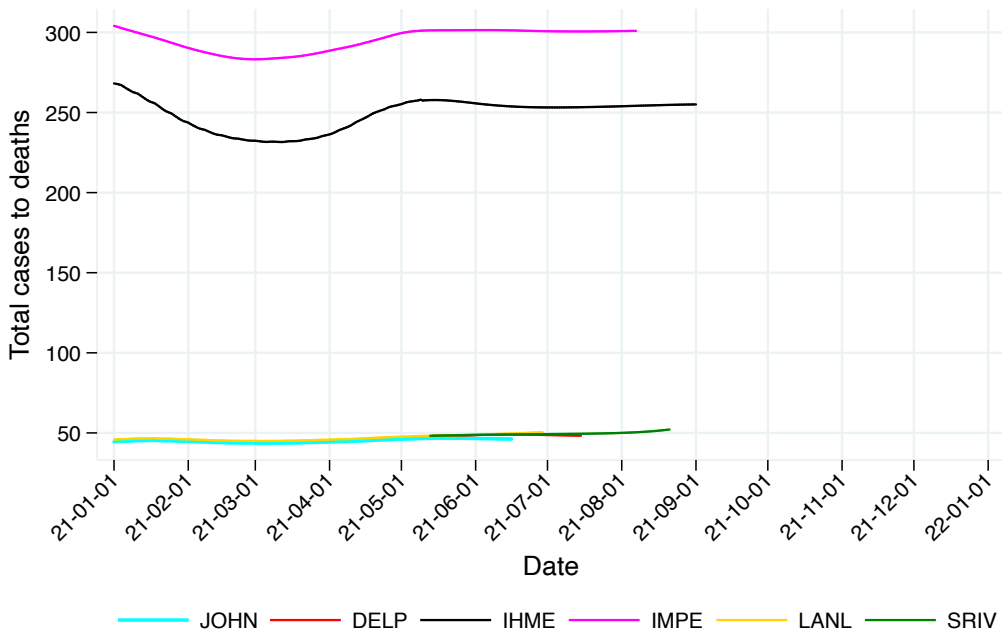


COVID-19 total cases to deaths, global, reference scenarios

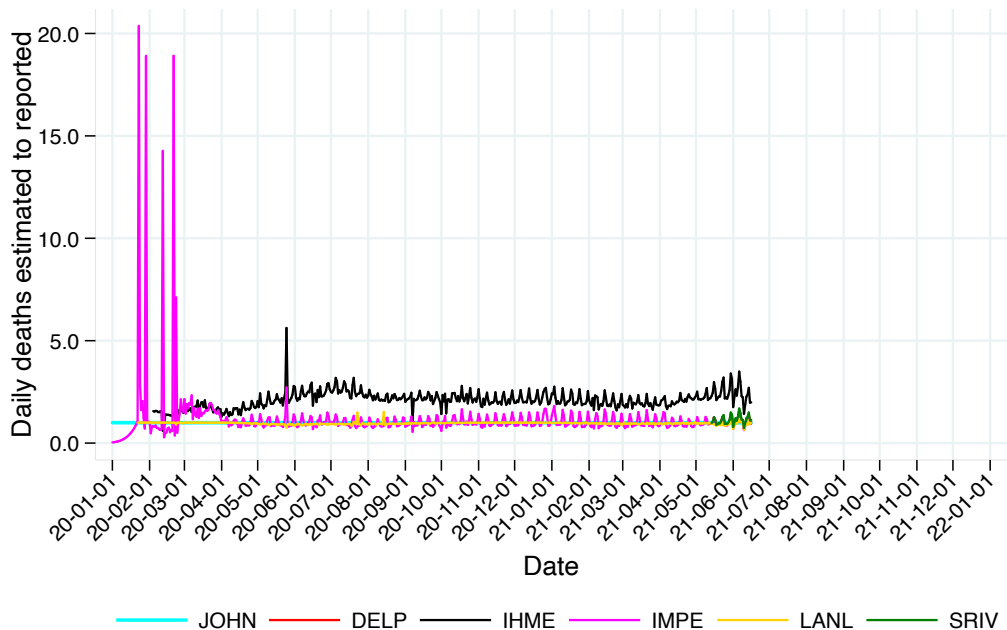


COVID-19 total cases to deaths, global, reference scenarios

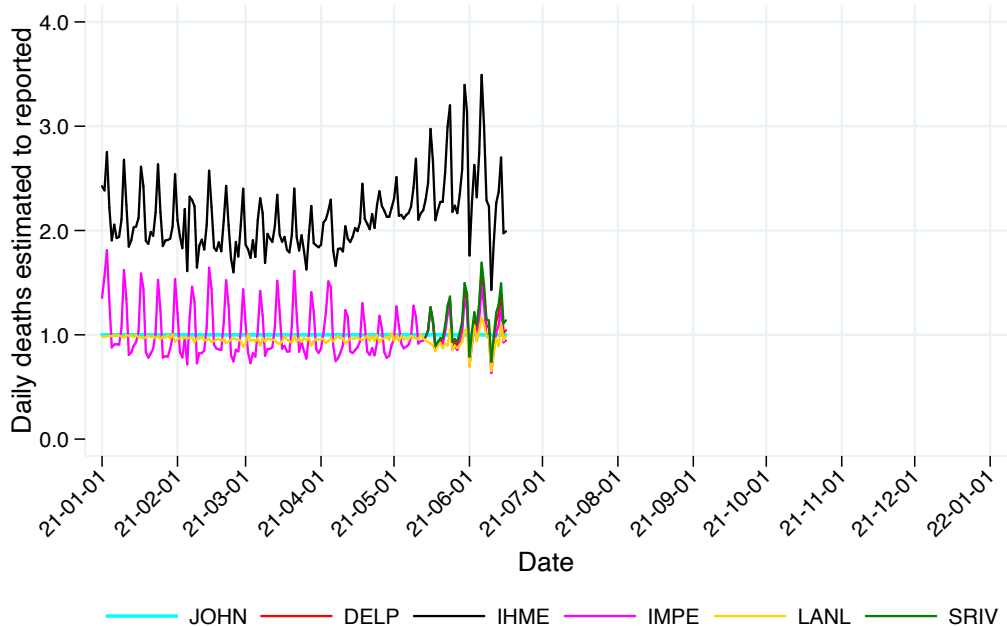
after 2021-01-01



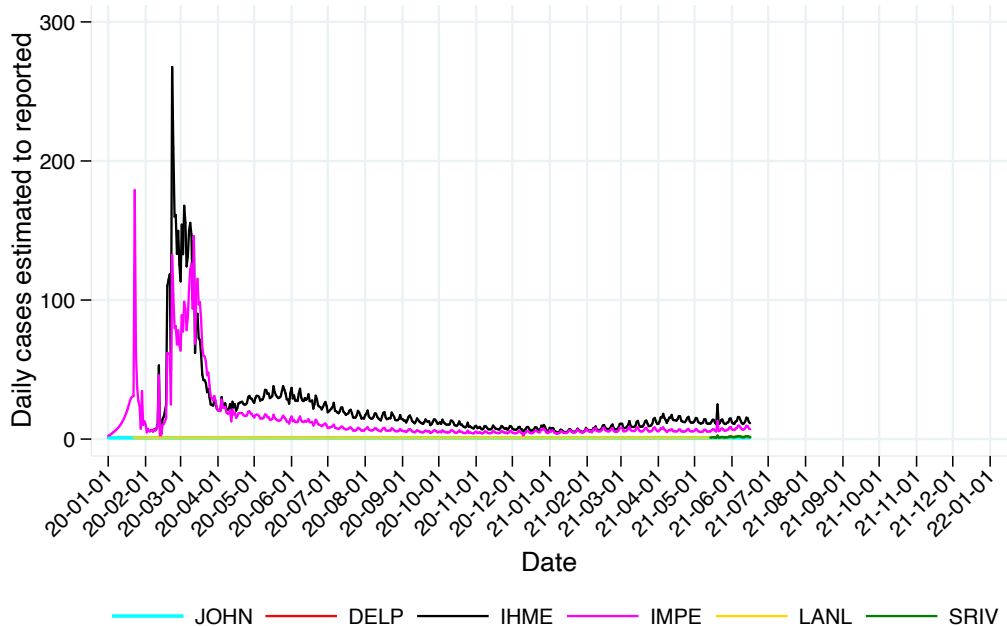
COVID-19 daily deaths estimated to reported, global, reference scenarios



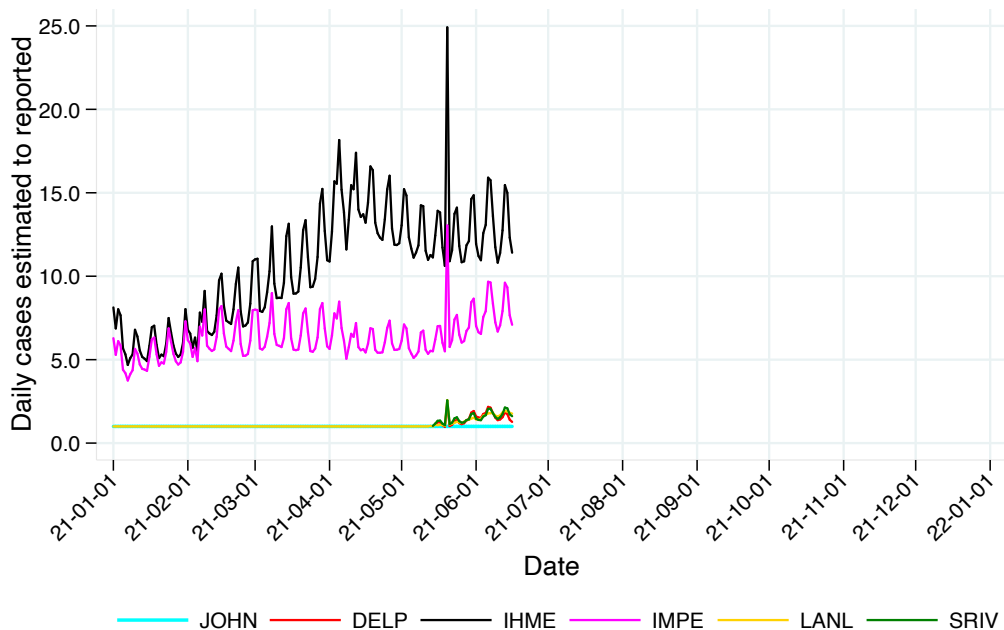
COVID-19 daily deaths estimated to reported, global, reference scenarios



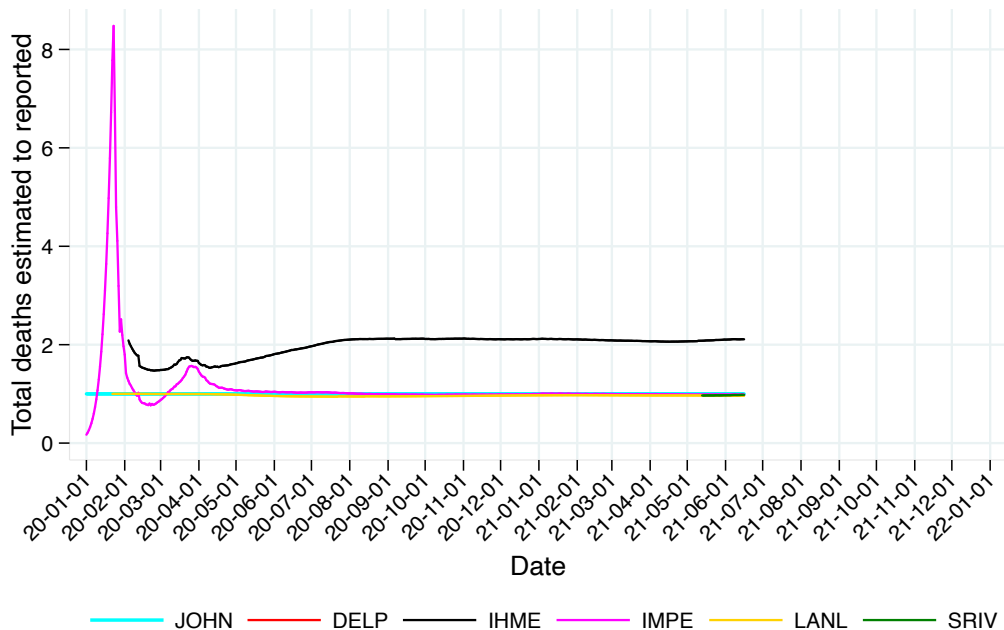
COVID-19 daily cases estimated to reported, global, reference scenarios



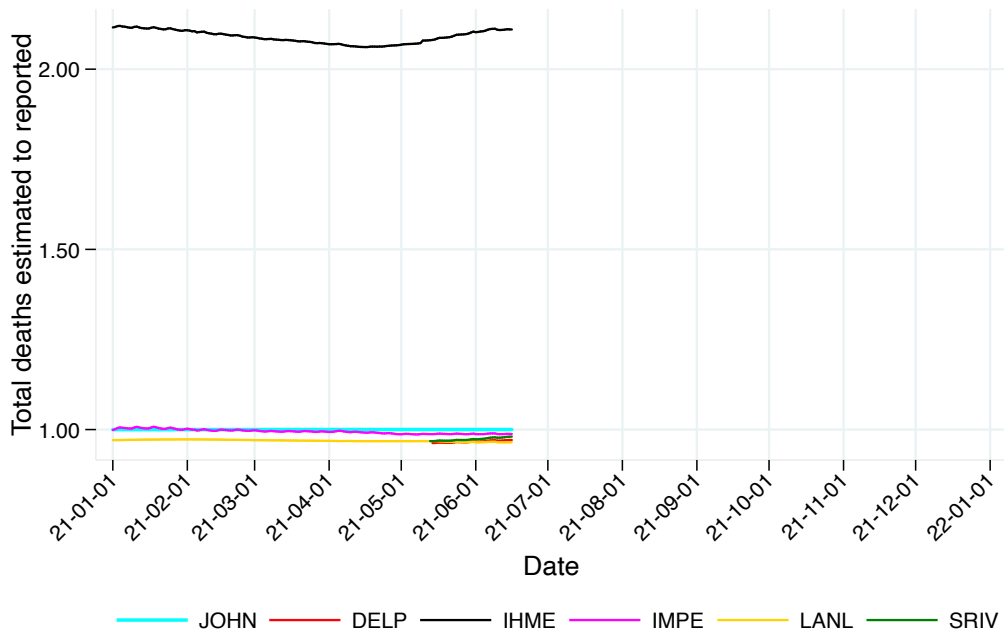
COVID-19 daily cases estimated to reported, global, reference scenarios



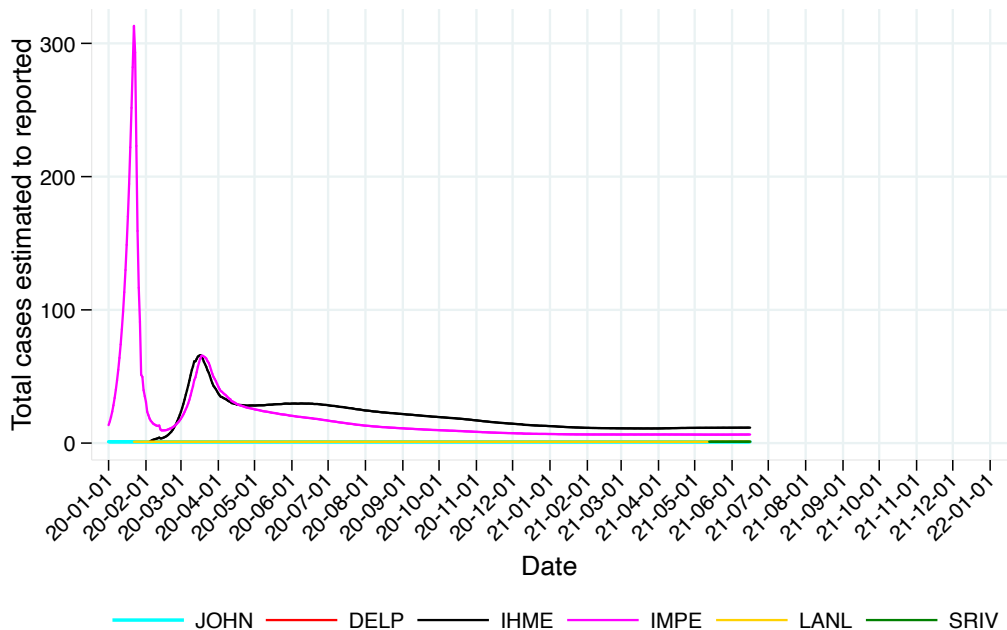
COVID-19 total deaths estimated to reported, global, reference scenarios



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



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



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

