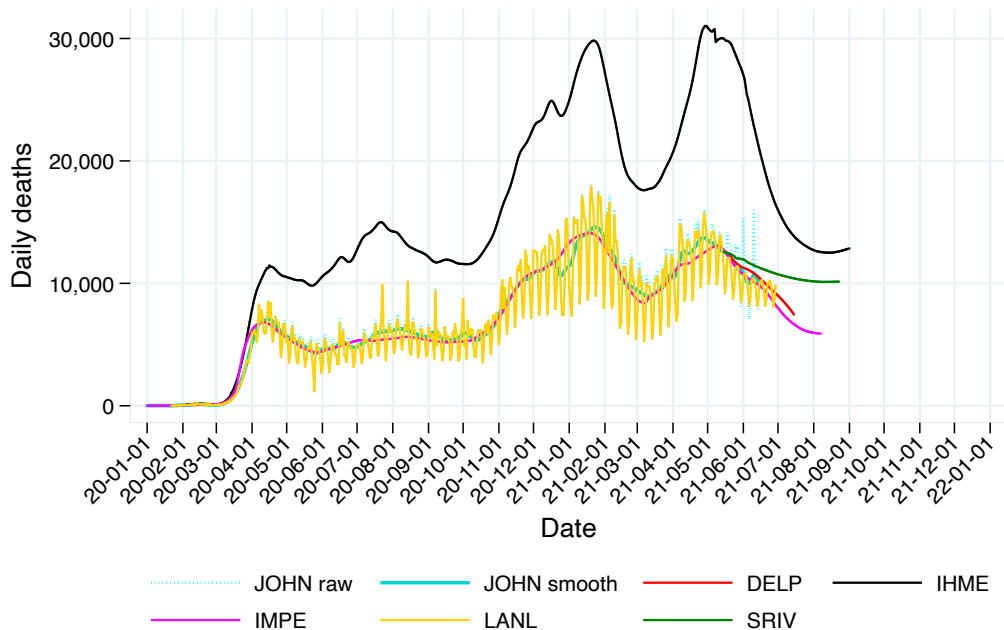
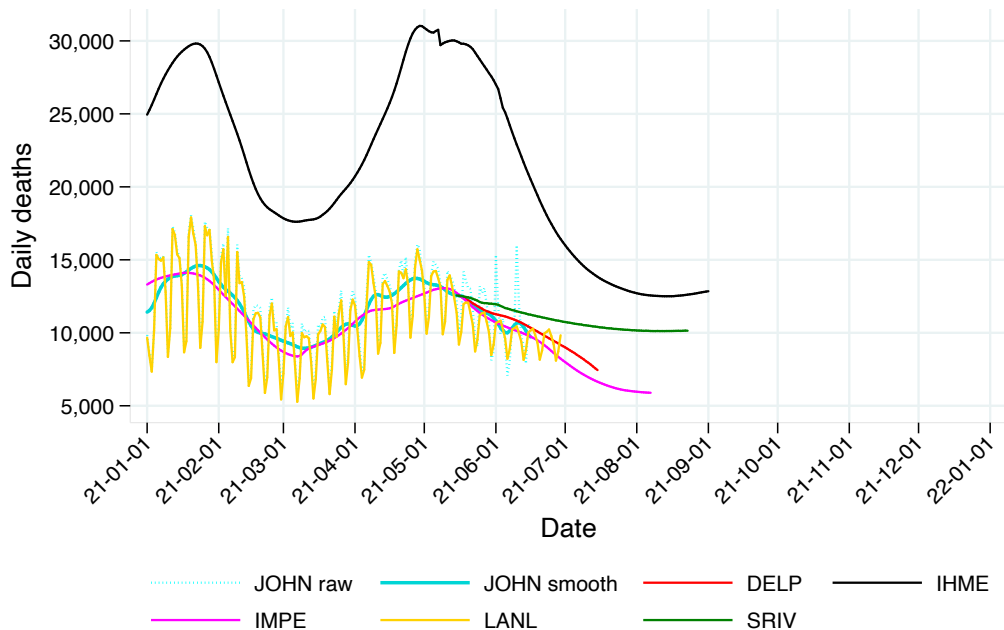


## COVID-19 daily deaths, global, reference scenarios



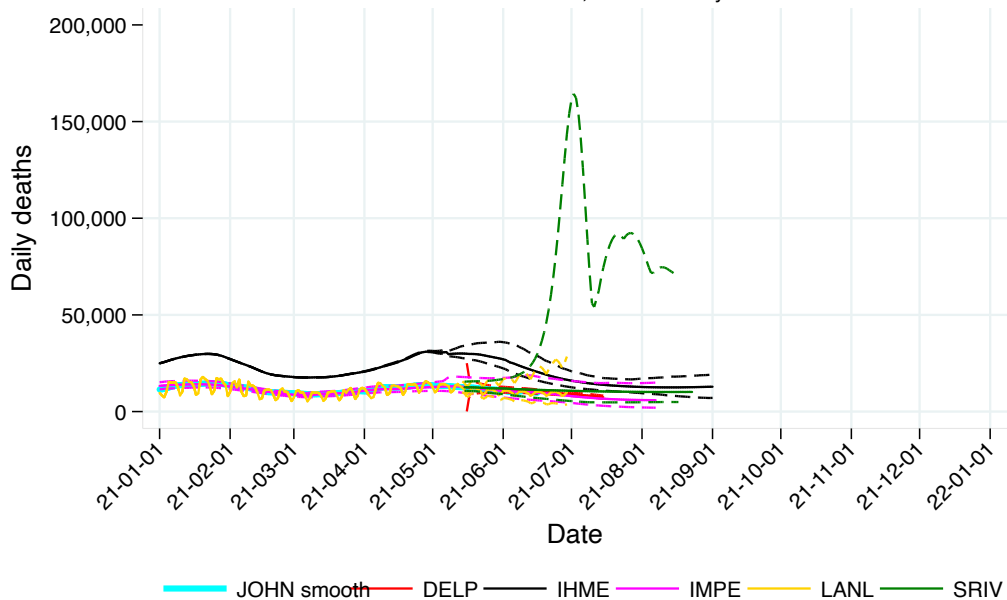
# COVID-19 daily deaths, global, reference scenarios

after 2021-01-01



# COVID-19 daily deaths, global, reference scenarios

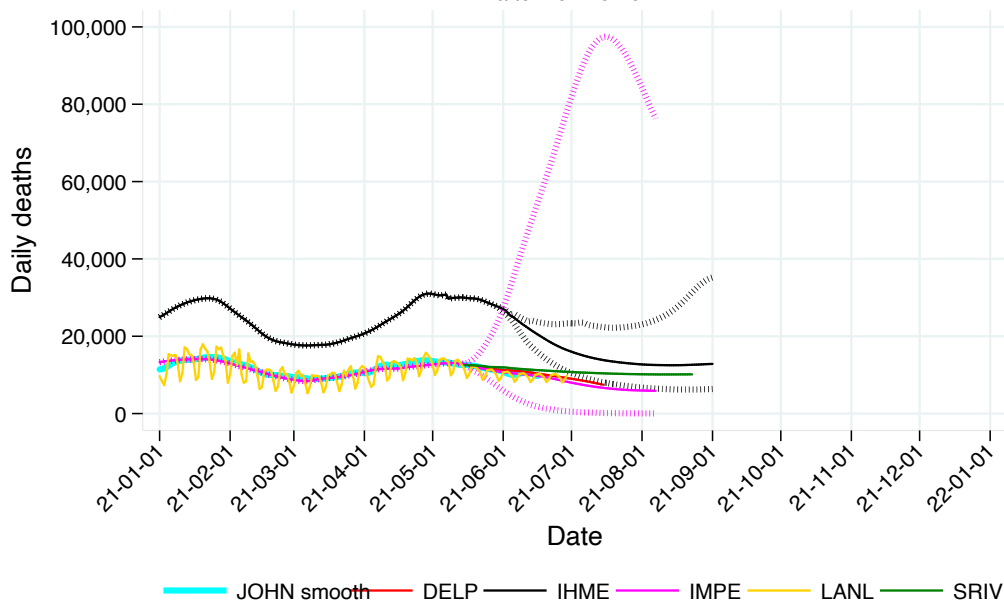
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

# COVID-19 daily deaths, global, 3 scenarios

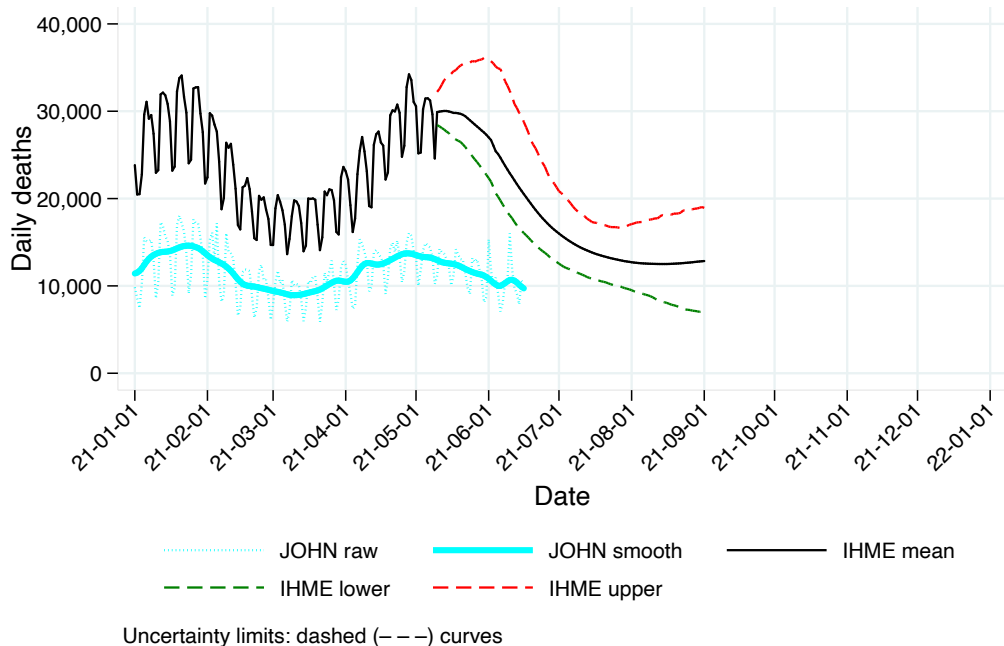
after 2021-01-01



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

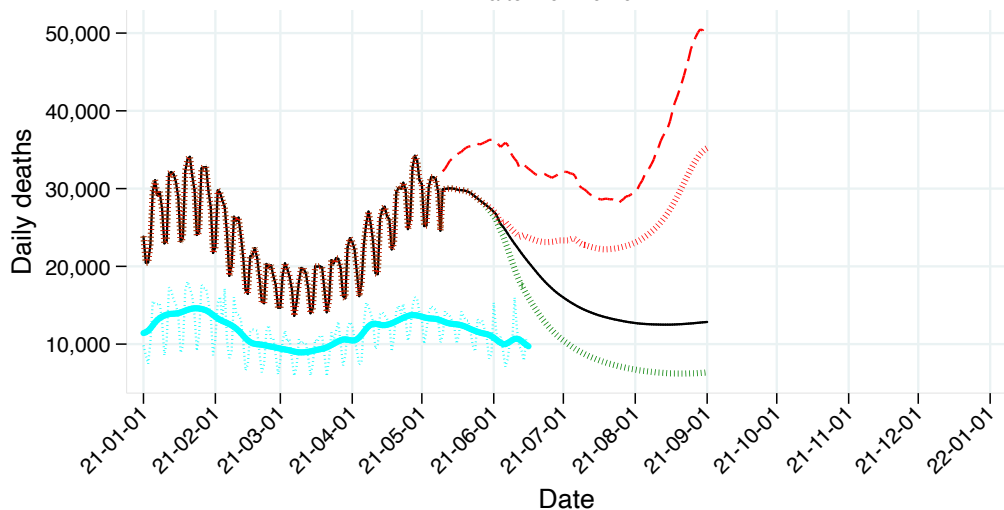
# COVID-19 daily deaths, global, reference scenario w/ uncertainty, IHME

after 2021-01-01



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

after 2021-01-01



JOHN raw

JOHN smooth

IHME reference

IHME best

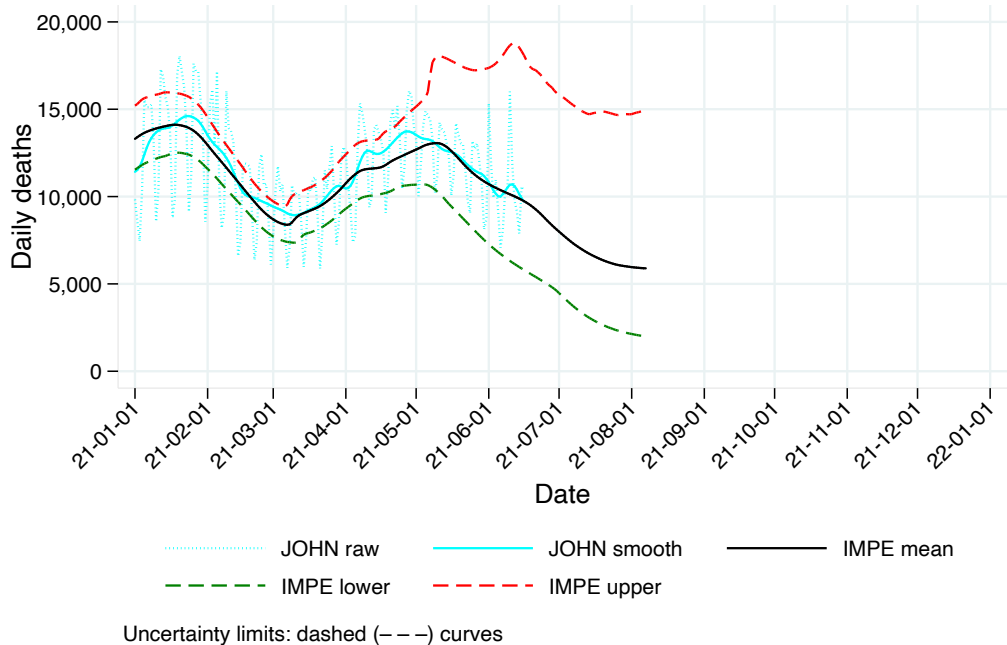
IHME worse

IHME worse upper

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

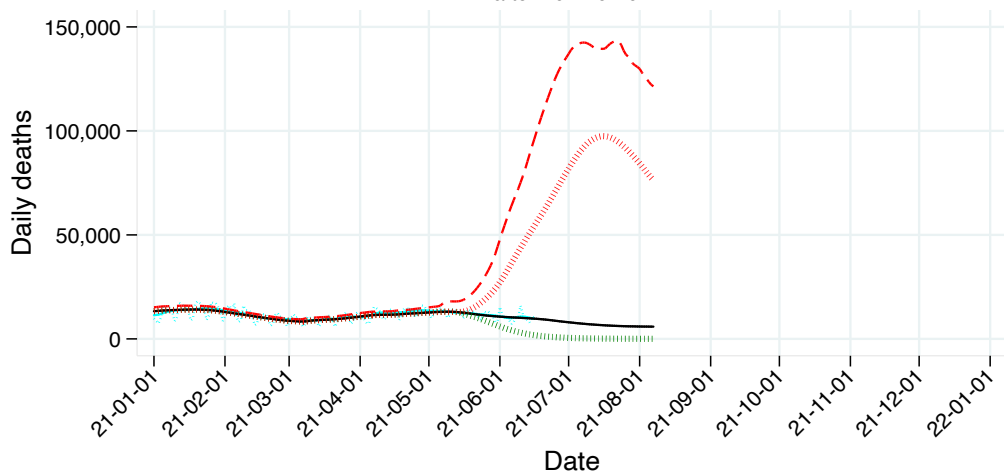
# COVID-19 daily deaths, global, reference scenario w/ uncertainty, IMPE

after 2021-01-01



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

after 2021-01-01

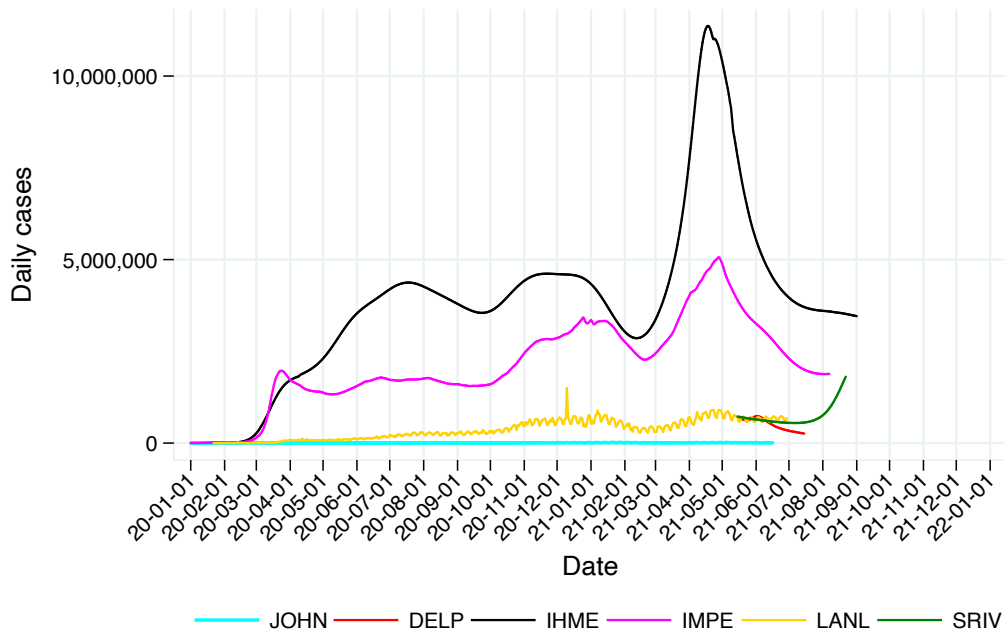


- JOHN raw
- JOHN smooth
- IMPE reference
- IMPE better
- IMPE worse
- IMPE worse upper

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

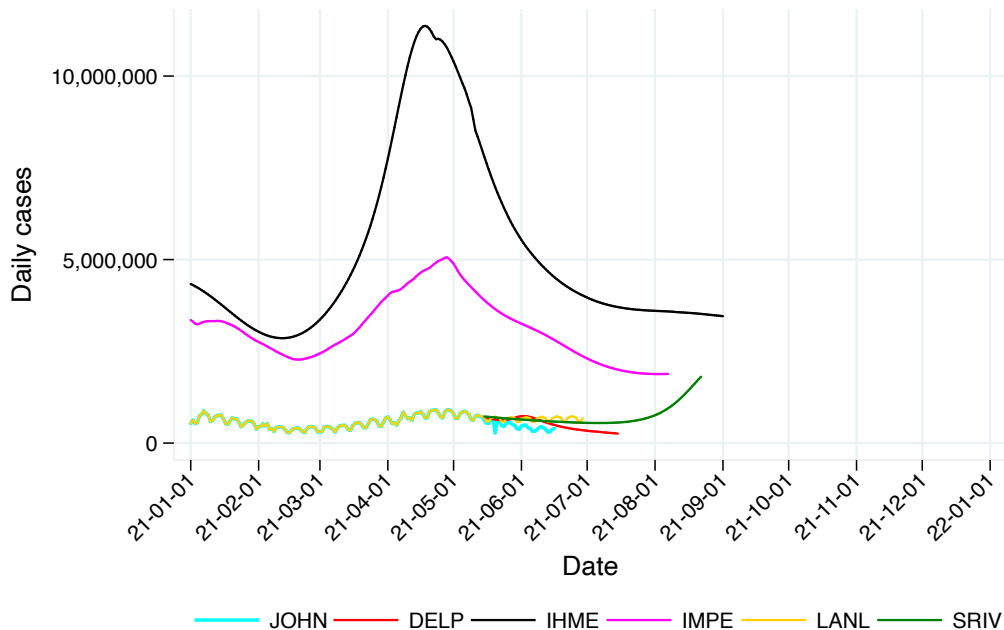


## COVID-19 daily cases, global, reference scenarios



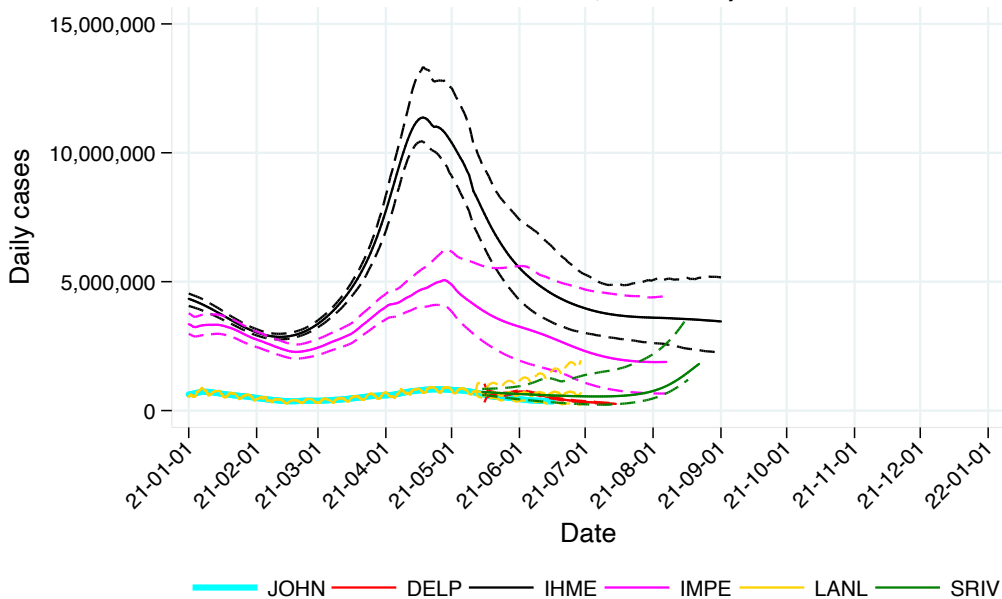
# COVID-19 daily cases, global, reference scenarios

after 2021-01-01



# COVID-19 daily cases, global, reference scenarios

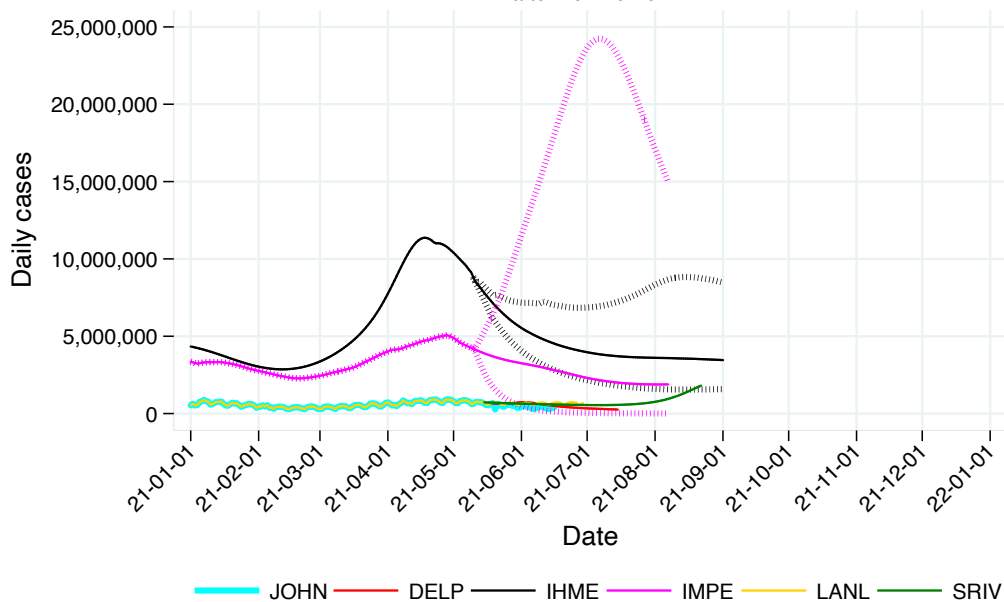
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

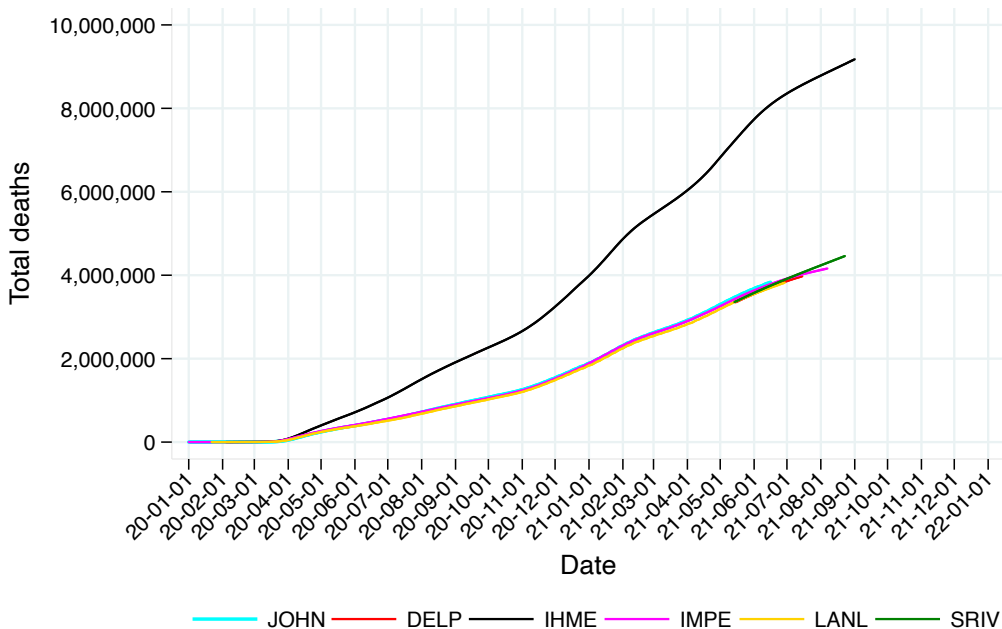
# COVID-19 daily cases, global, 3 scenarios

after 2021-01-01



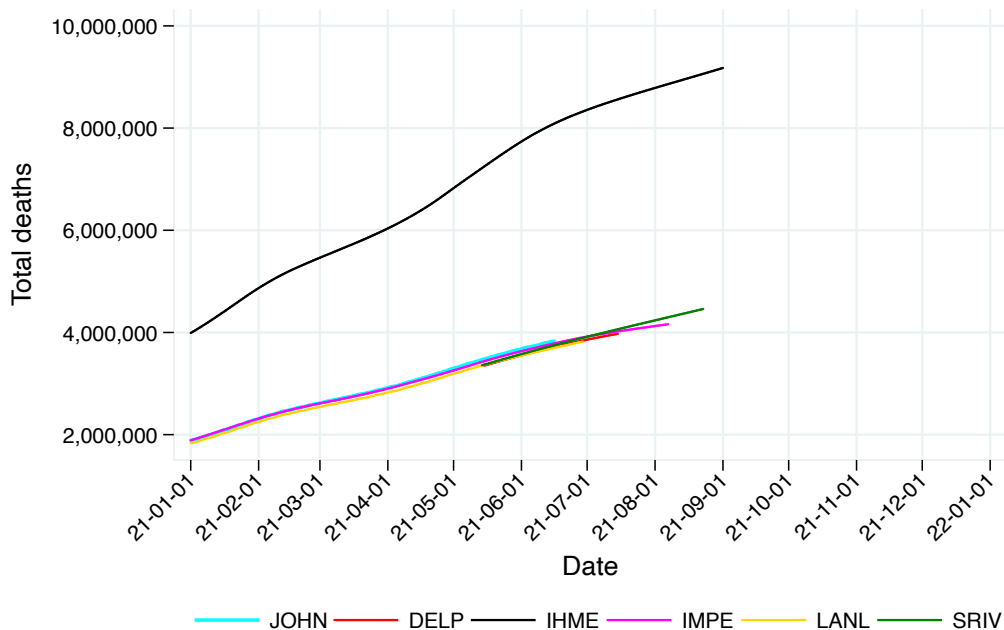
Better and worse scenarios: tight dot (||||) curves; IHME and IMPE

## COVID-19 total deaths, global, reference scenarios



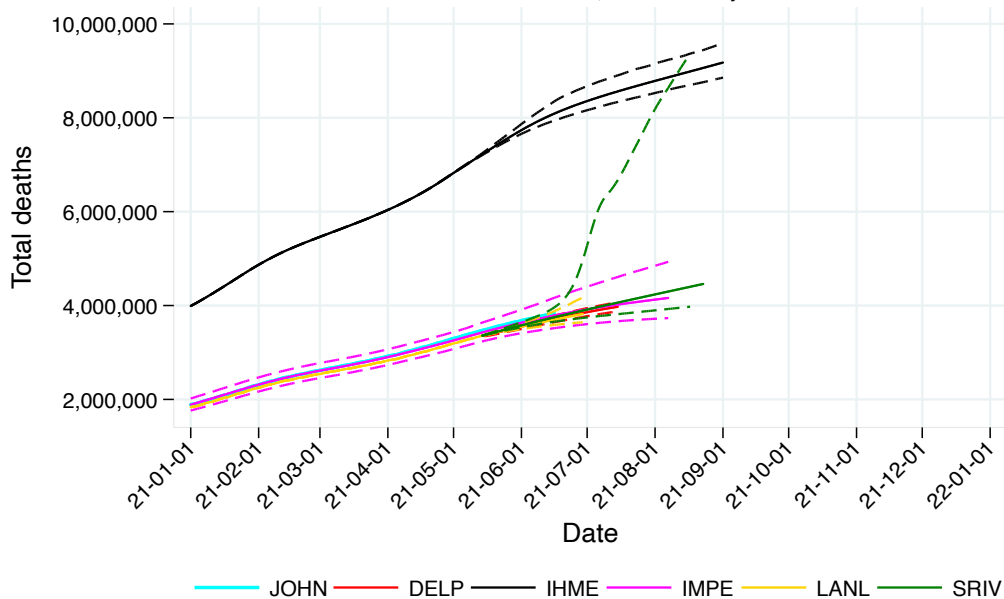
# COVID-19 total deaths, global, reference scenarios

after 2021-01-01



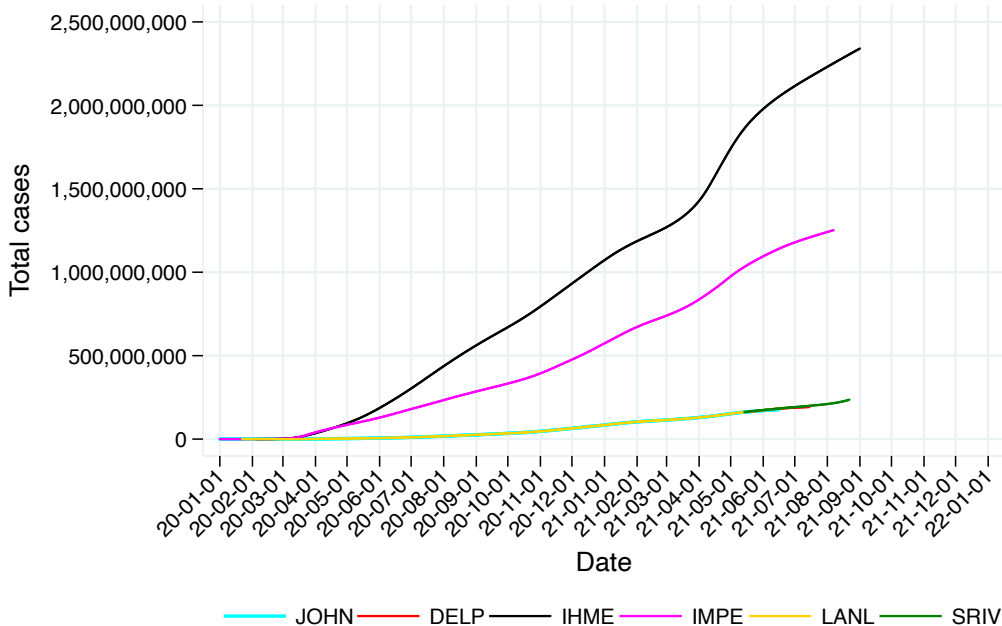
# COVID-19 total deaths, global, reference scenarios

after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

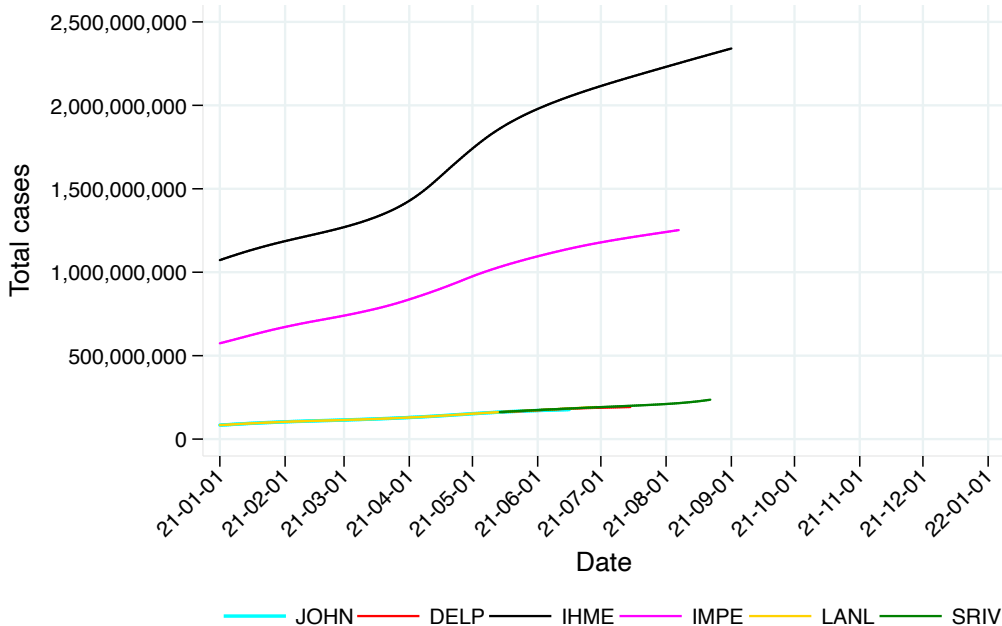
## COVID-19 total cases, global, reference scenarios





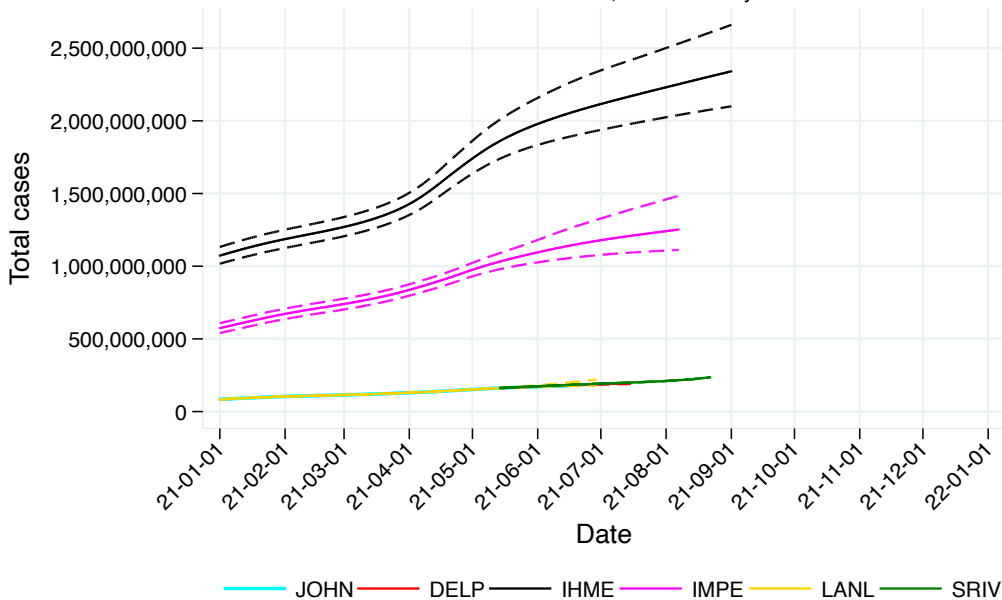
# COVID-19 total cases, global, reference scenarios

after 2021-01-01



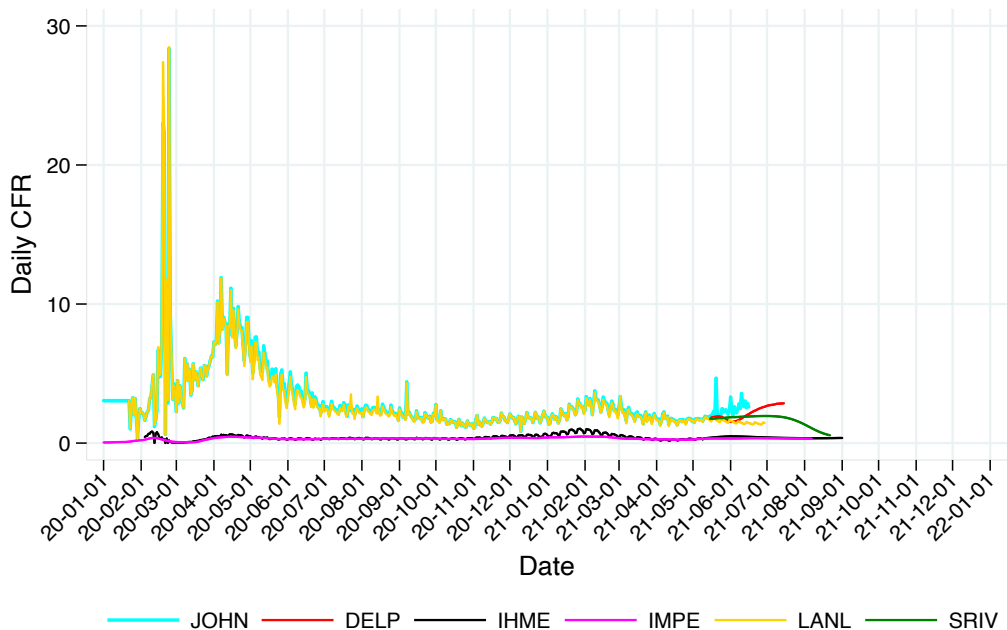
# COVID-19 total cases, global, reference scenarios

after 2021-01-01, w/ uncertainty



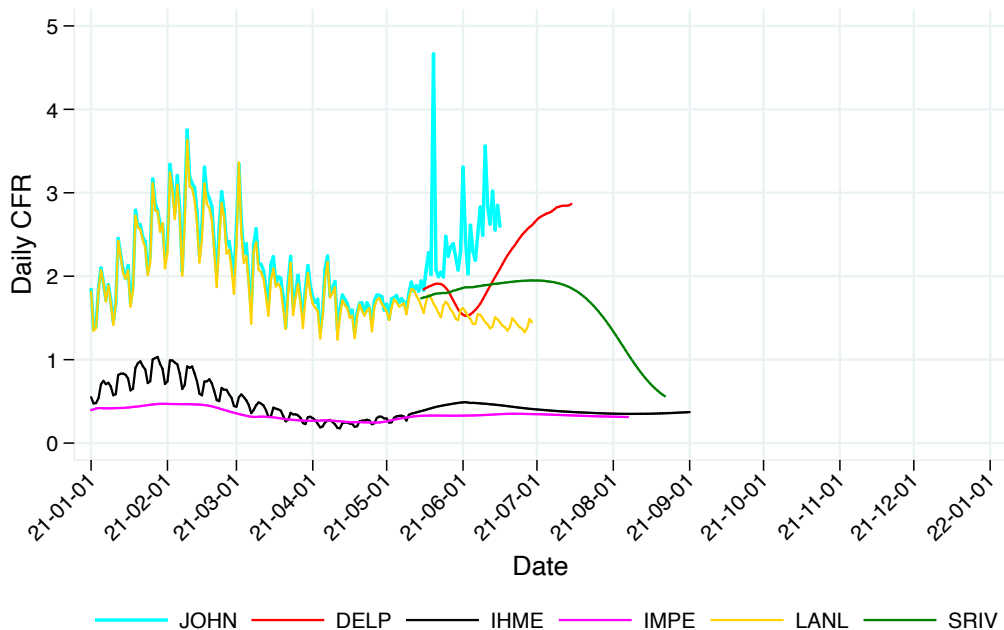
Uncertainty limits: dashed curves

## COVID-19 daily CFR, global, reference scenarios



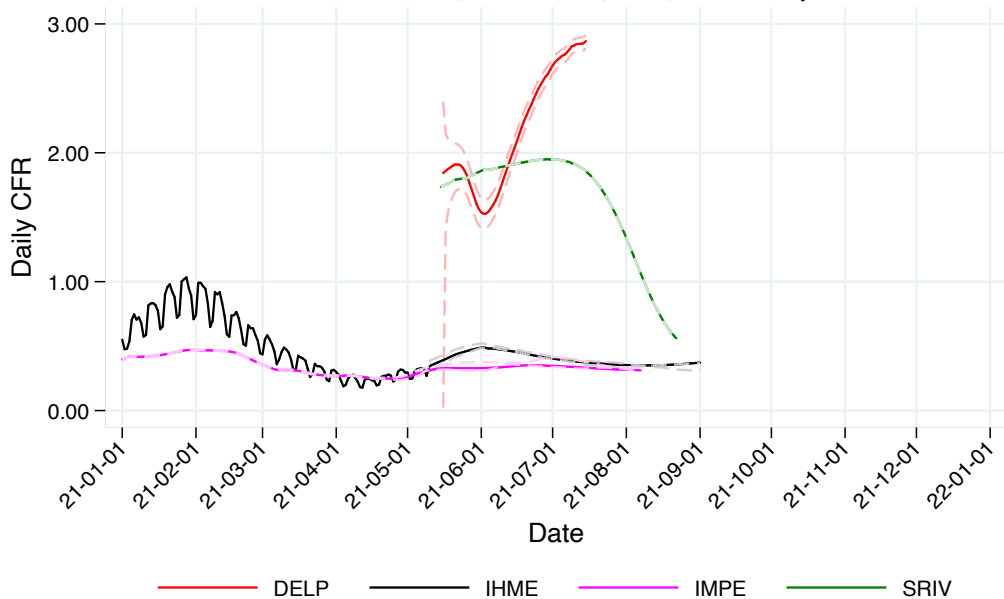
# COVID-19 daily CFR, global, reference scenarios

after 2021-01-01



# COVID-19 daily CFR, global, reference scenarios

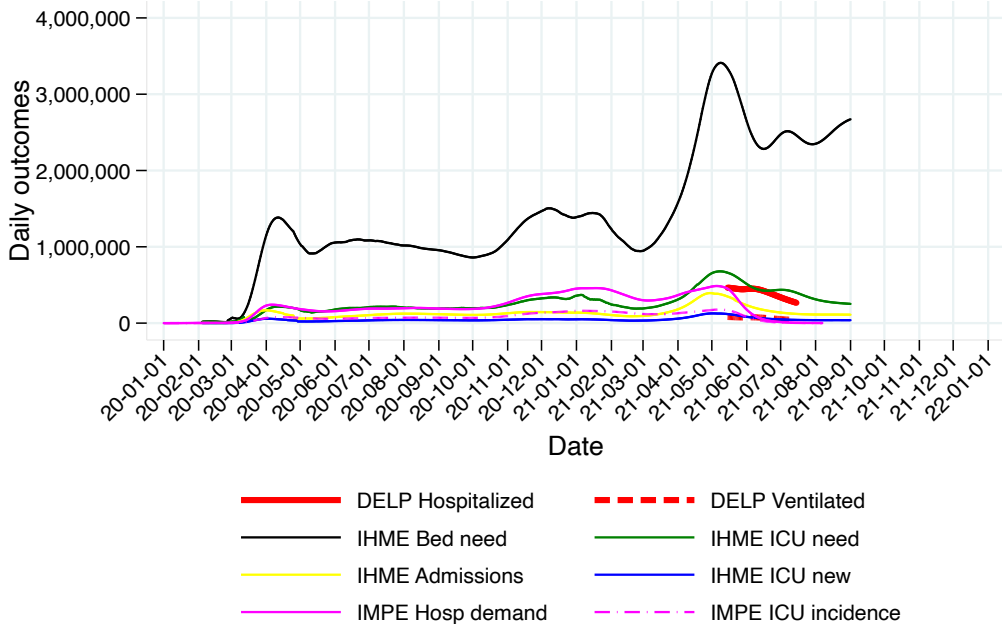
after 2021-01-01, without JOHN, LANL, w/ uncertainty



Uncertainty limits: dashed light curves.

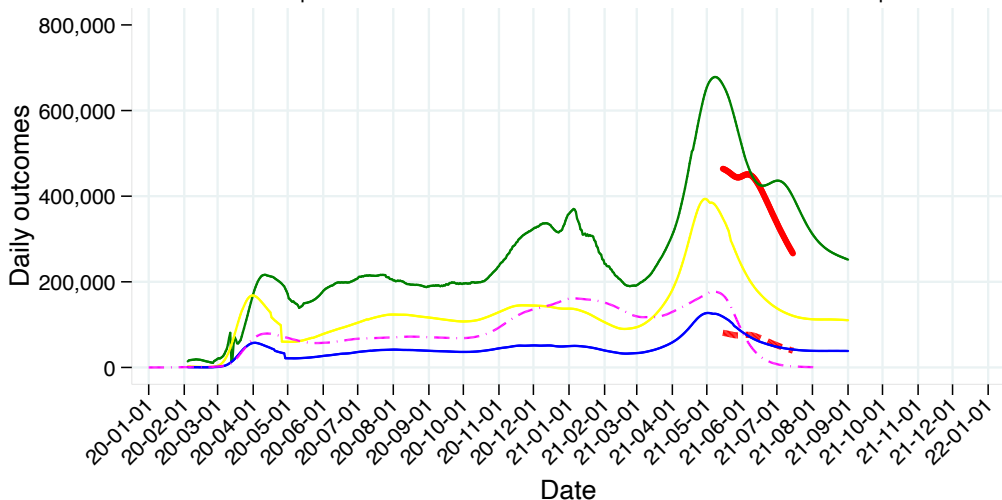
# COVID-19 daily hospital-related outcomes global, median scenarios

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



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

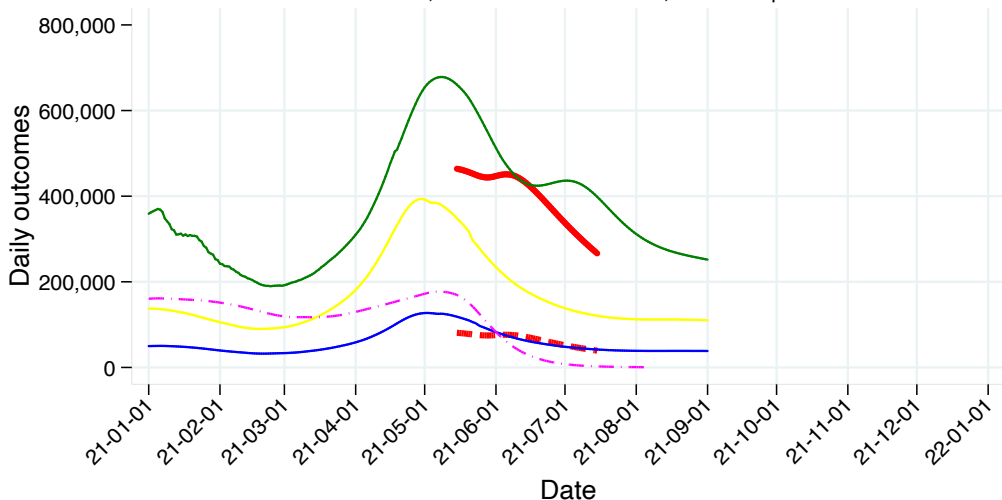
IMPE Hospital incidence and ICU incidence not available in this IMPE update



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

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

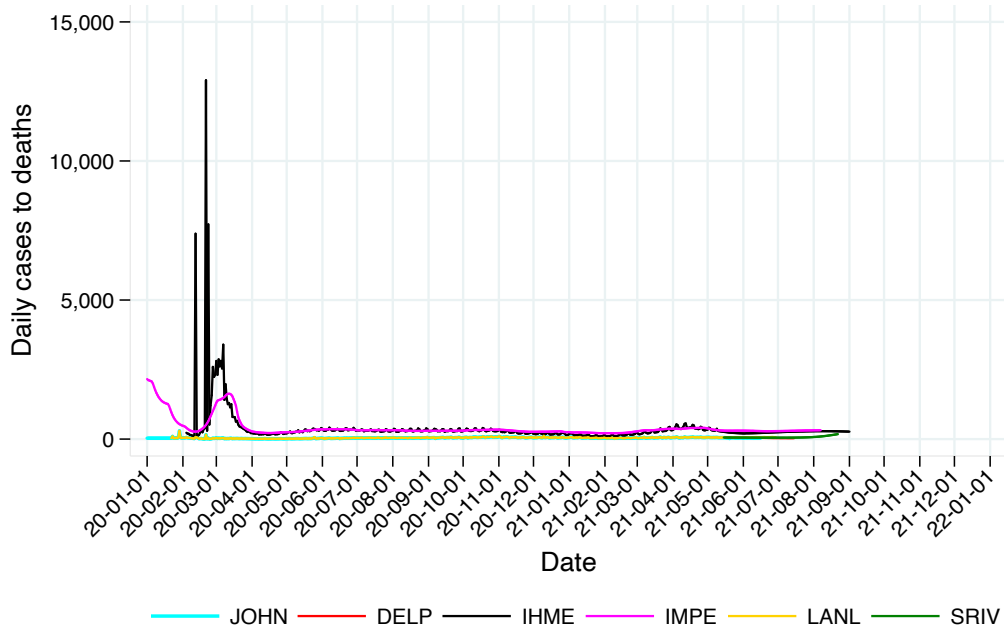
after 2021-01-01, without IHME Bed need, IMPE Hosp demand



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

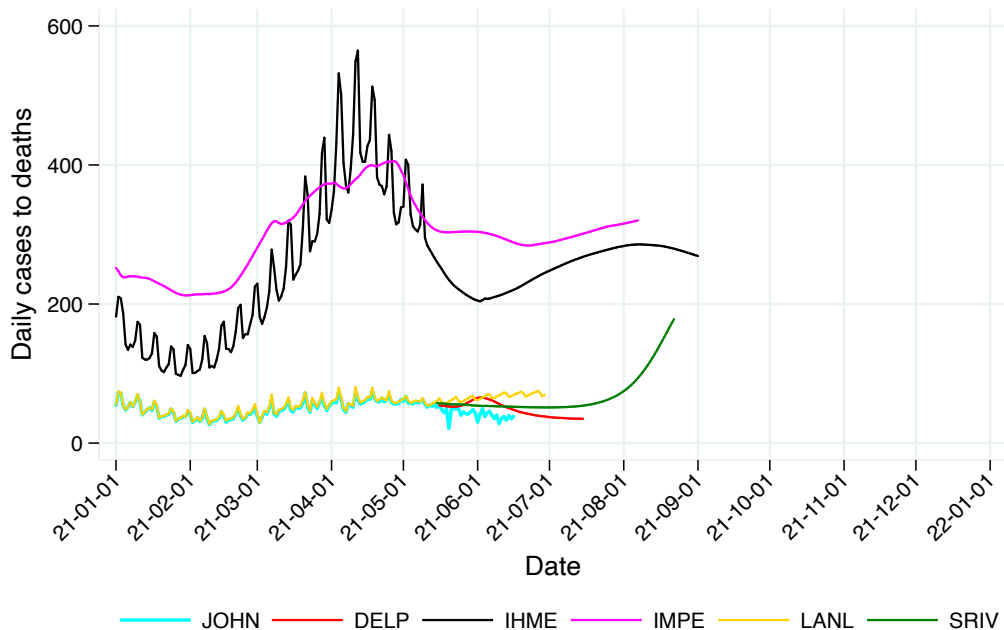


## COVID-19 daily cases to deaths, global, reference scenarios

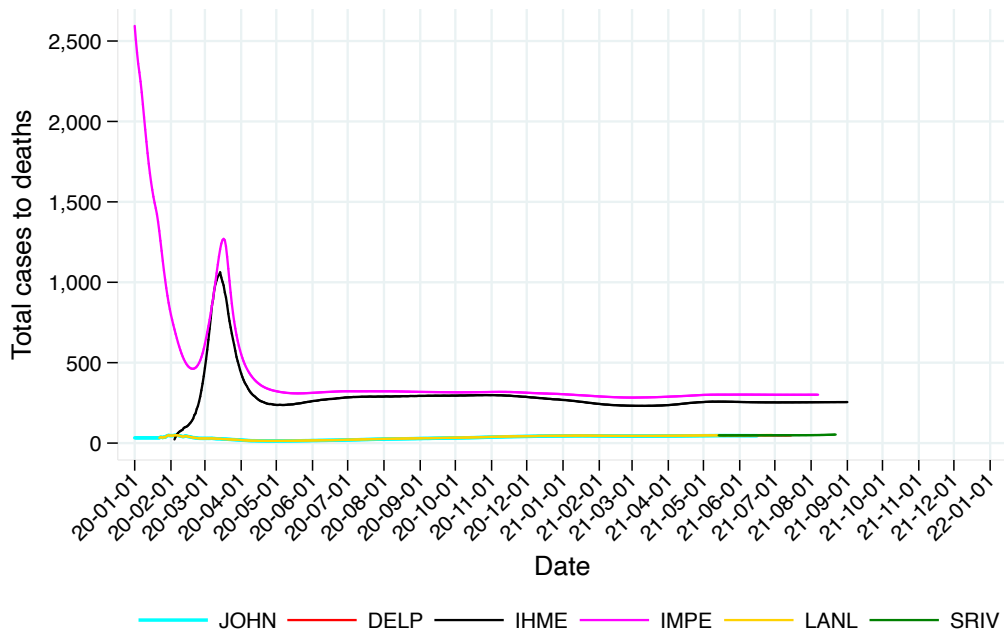


# COVID-19 daily cases to deaths, global, reference scenarios

after 2021-01-01

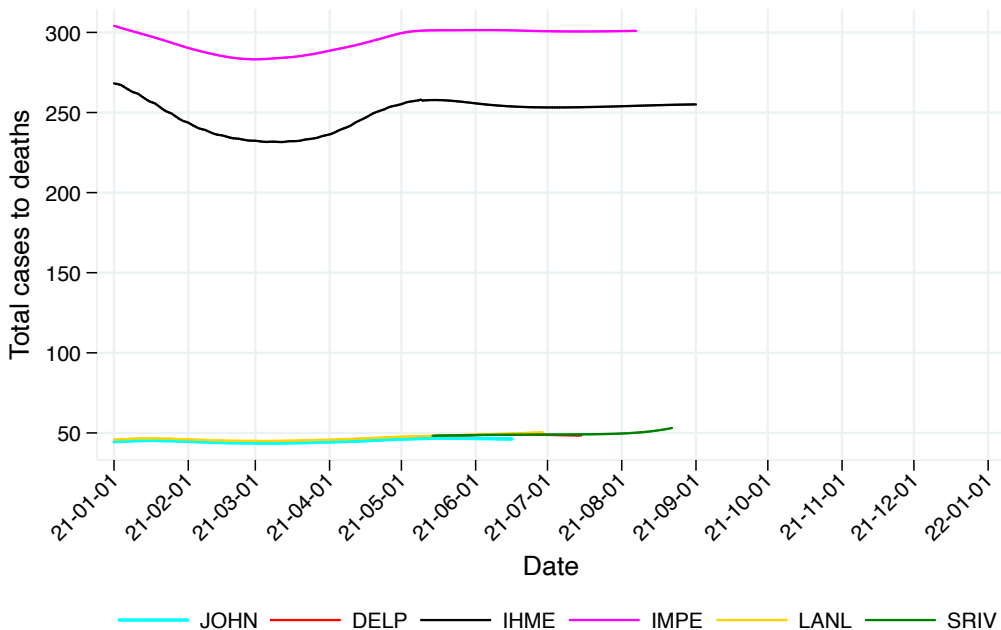


## COVID-19 total cases to deaths, global, reference scenarios

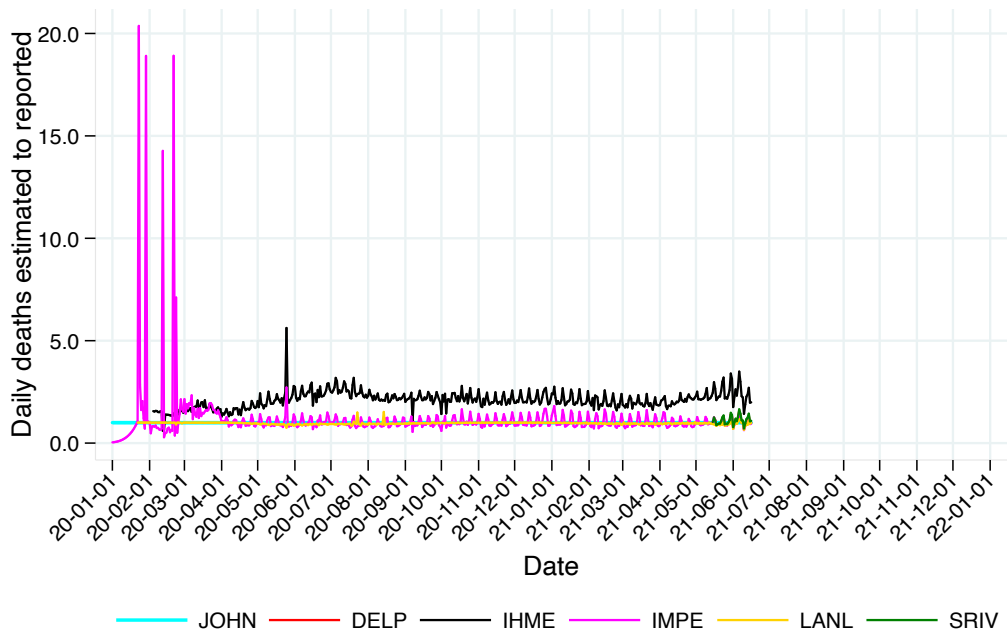


# COVID-19 total cases to deaths, global, reference scenarios

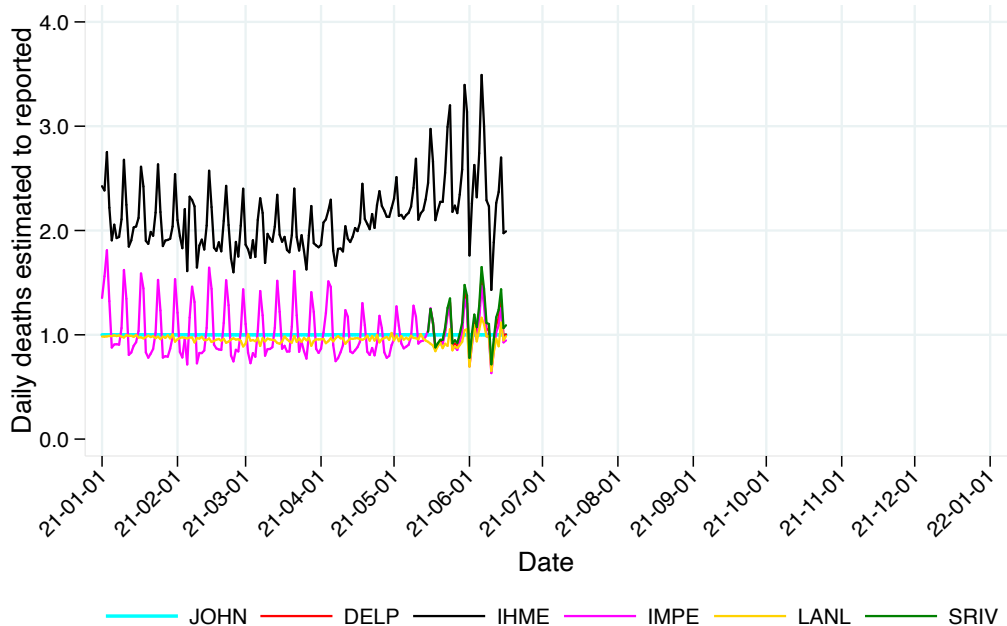
after 2021-01-01



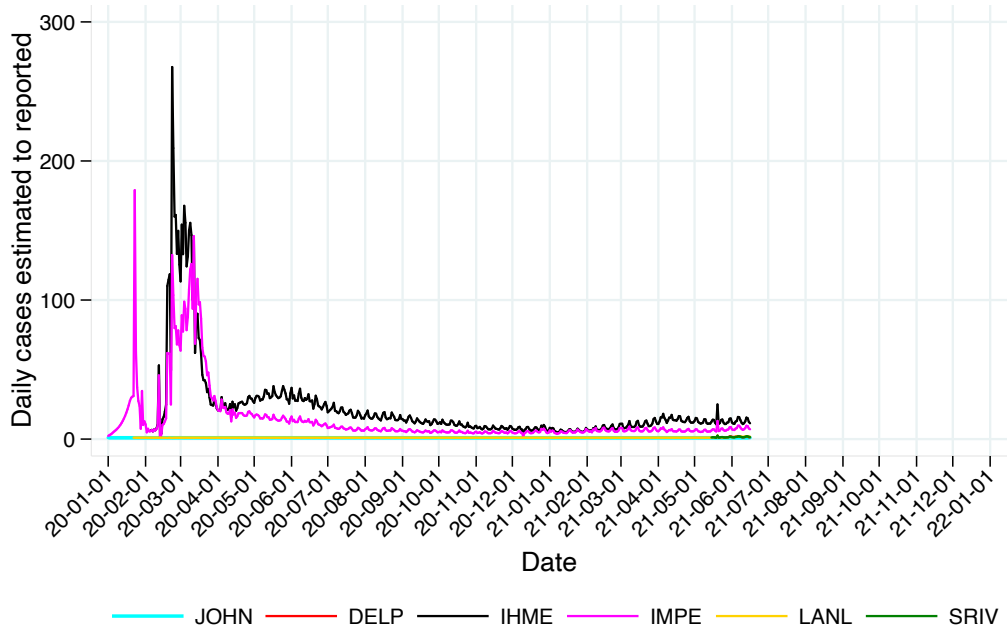
# COVID-19 daily deaths estimated to reported, global, reference scenarios



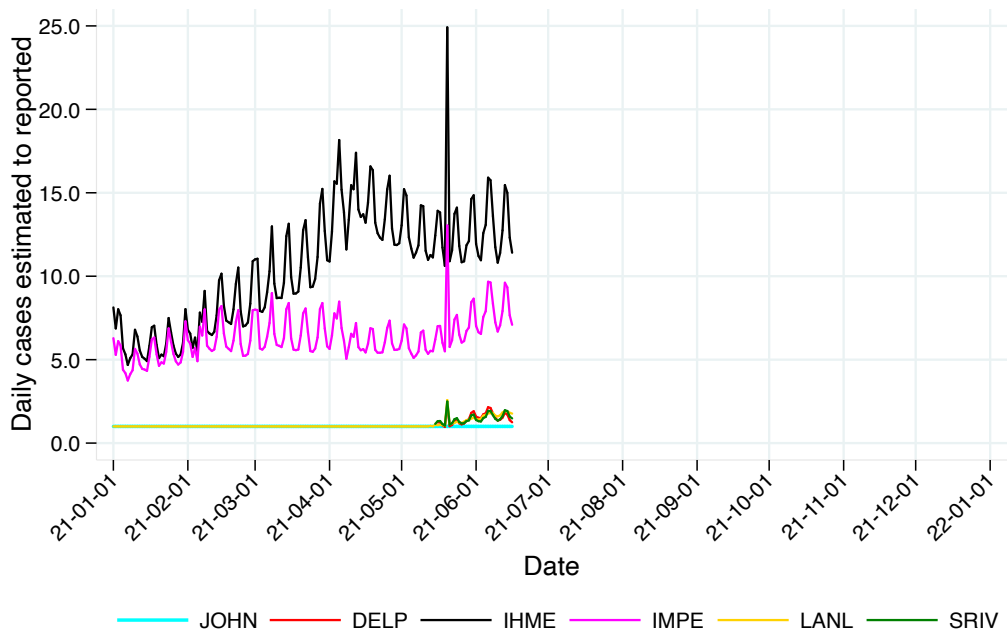
# COVID-19 daily deaths estimated to reported, global, reference scenarios



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

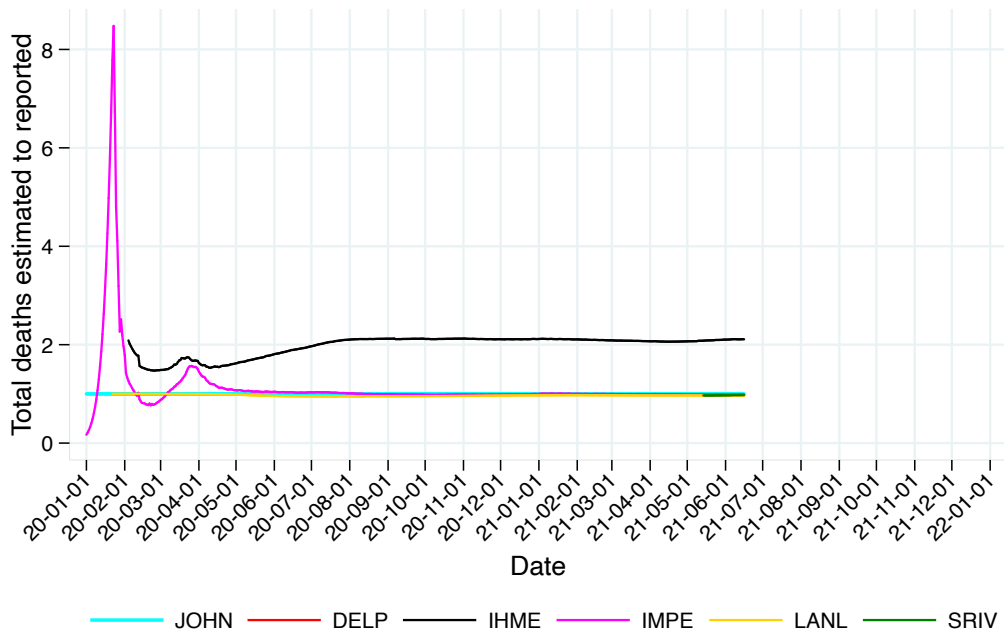


# COVID-19 daily cases estimated to reported, global, reference scenarios

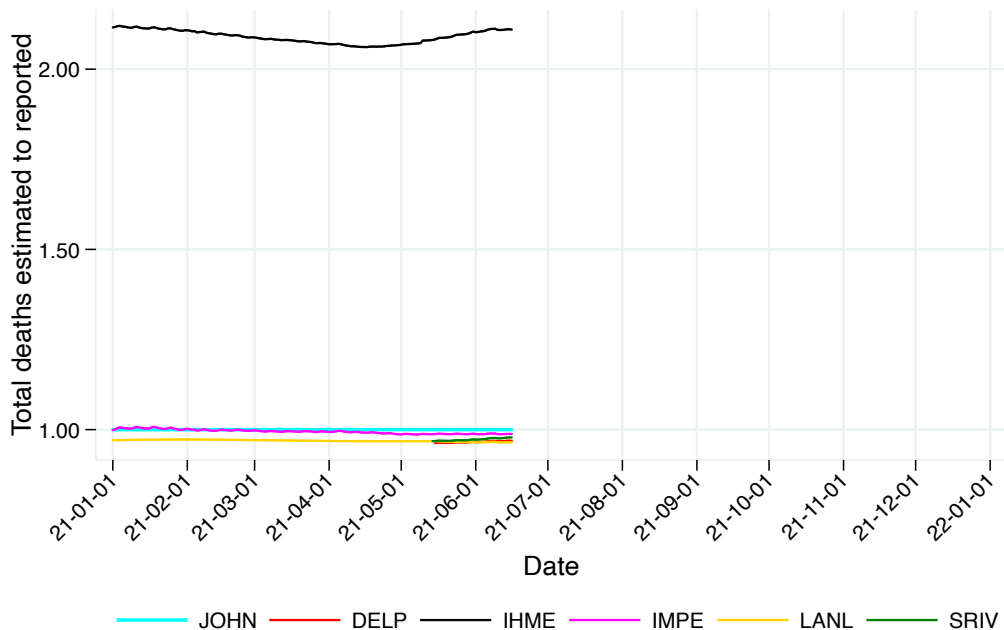




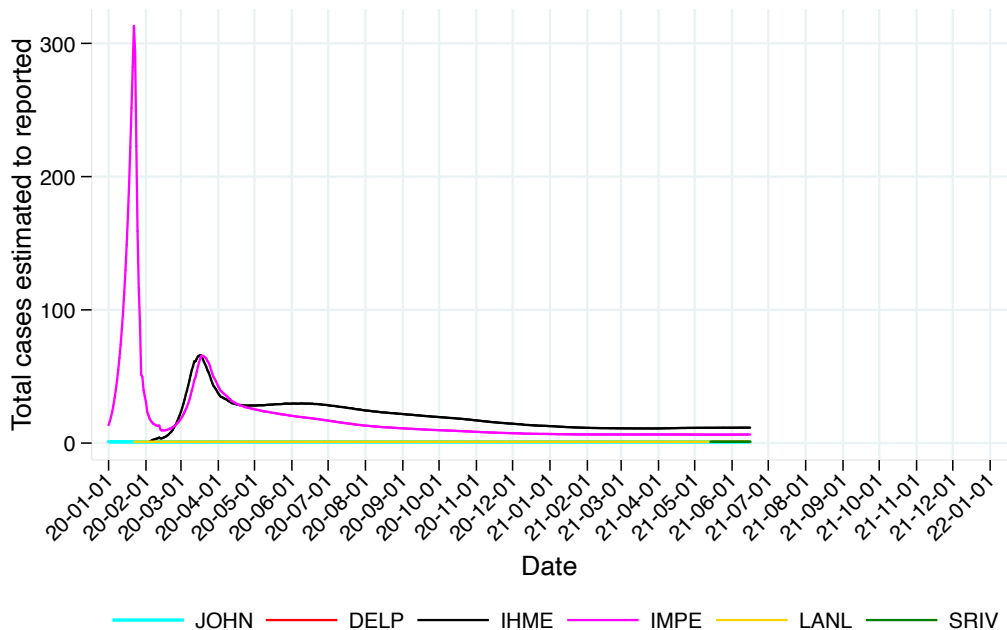
# COVID-19 total deaths estimated to reported, global, reference scenarios



# 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

