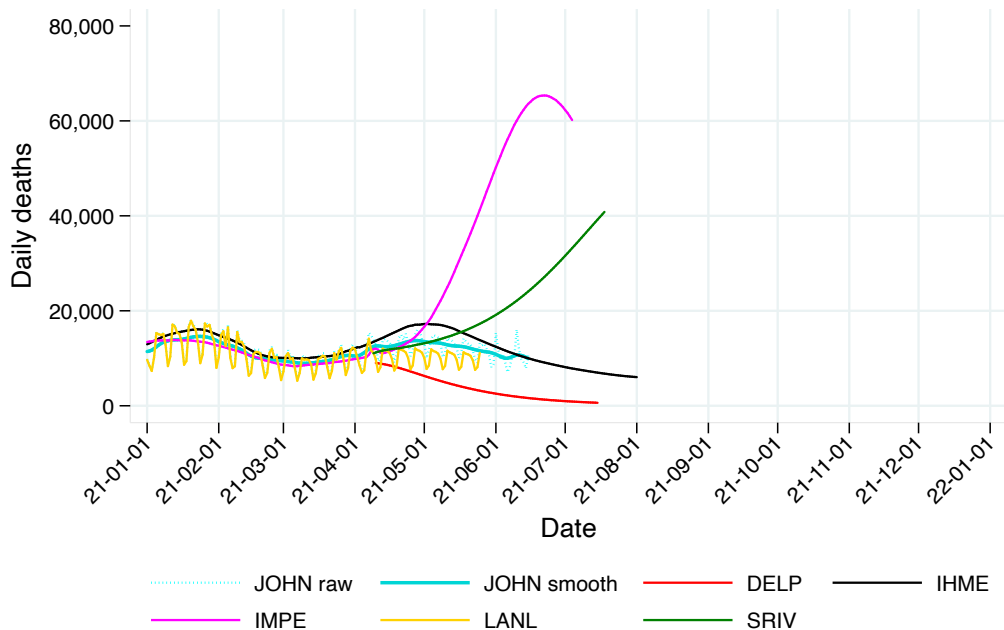


## COVID-19 daily deaths, global, reference scenarios



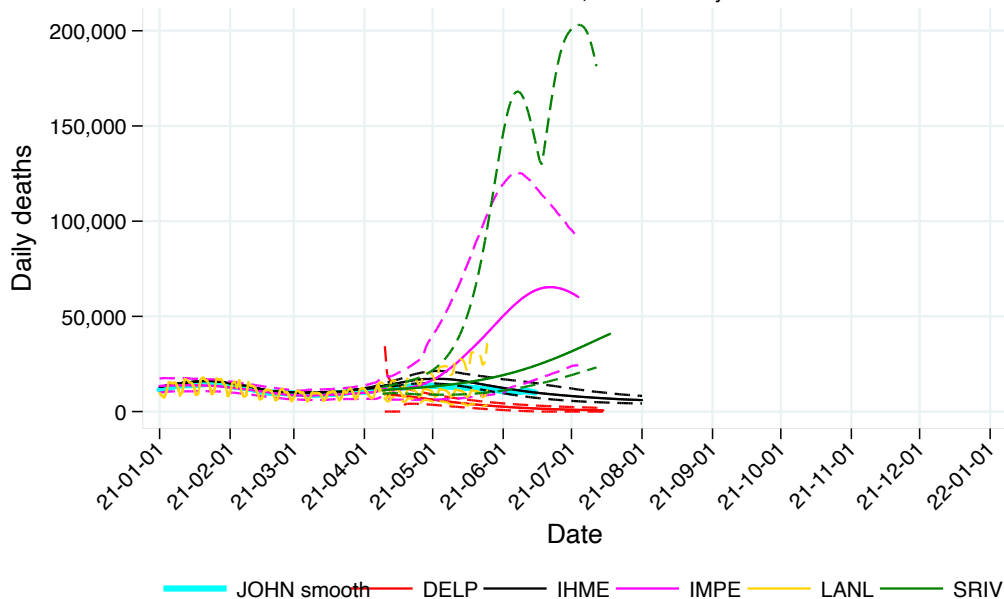
# COVID-19 daily deaths, global, reference scenarios

after 2021-01-01



# COVID-19 daily deaths, global, reference scenarios

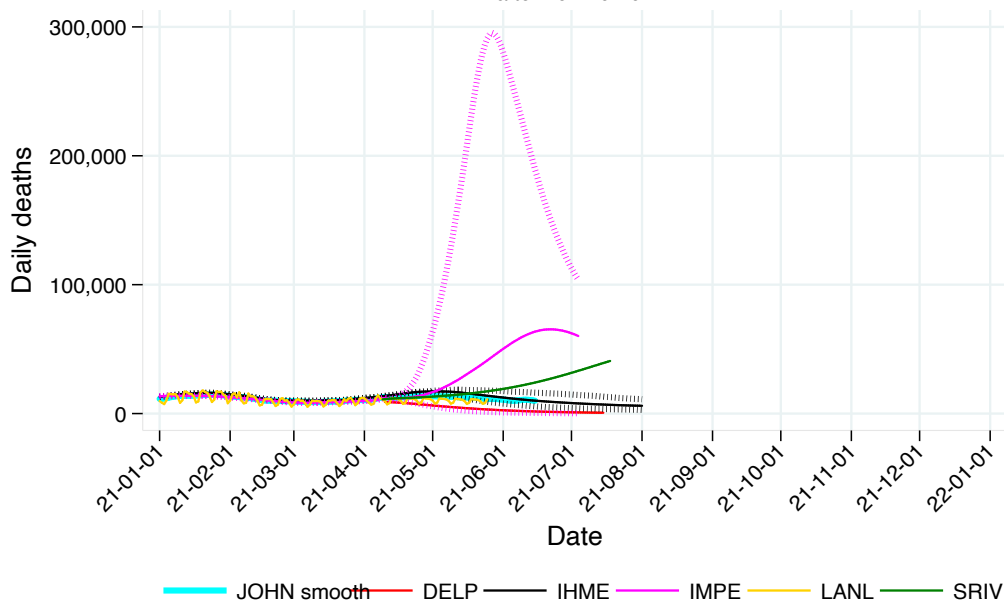
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

# COVID-19 daily deaths, global, 3 scenarios

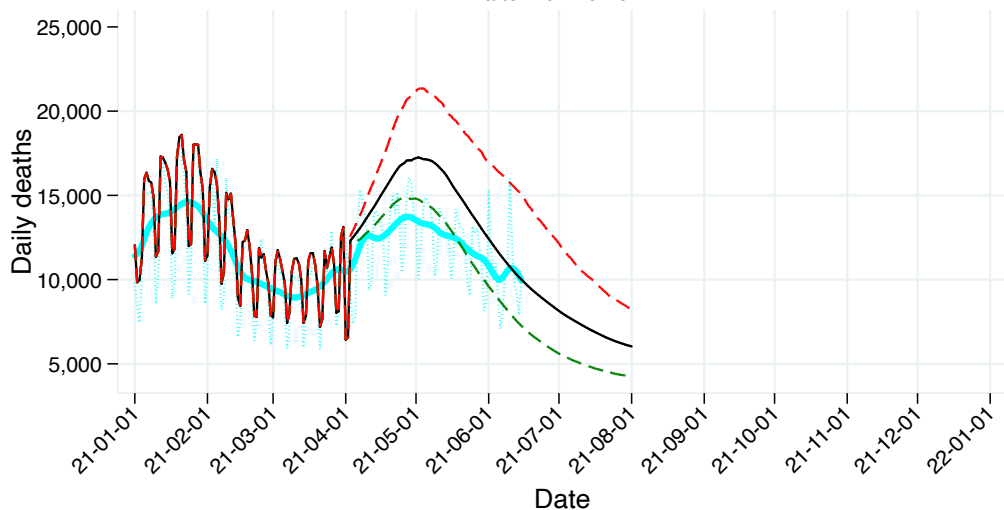
after 2021-01-01



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

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

after 2021-01-01

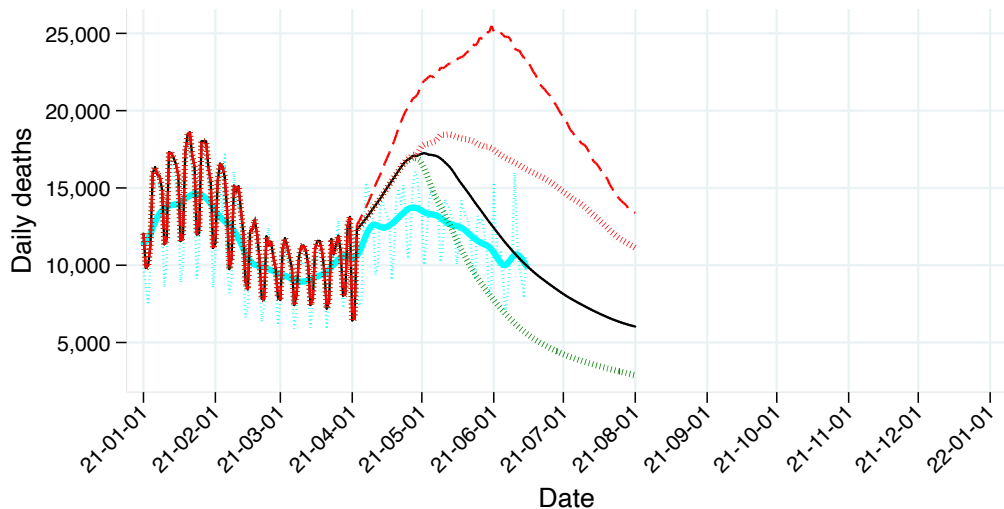


JOHN raw JOHN smooth IHME mean  
IHME lower IHME upper

Uncertainty limits: dashed (---) curves

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

after 2021-01-01



JOHN raw

JOHN smooth

IHME reference

IHME best

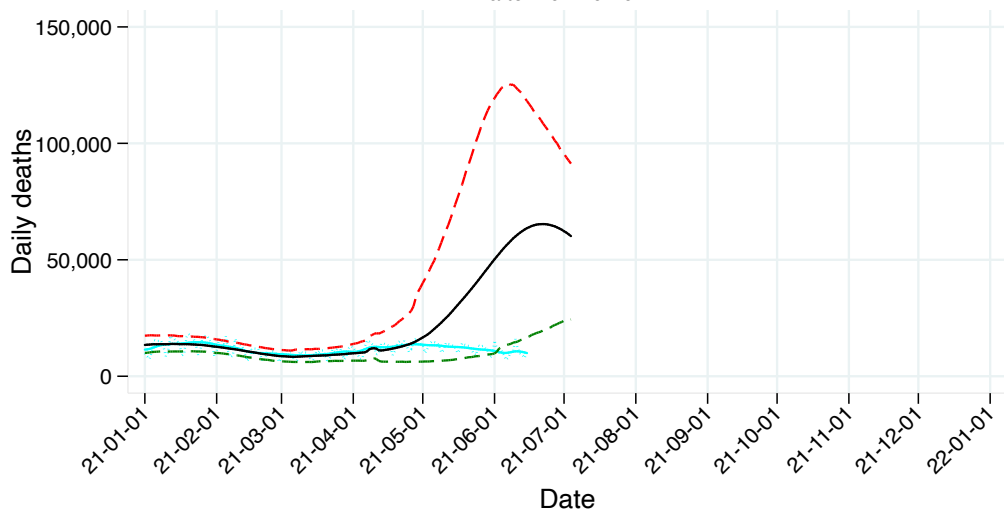
IHME worse

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

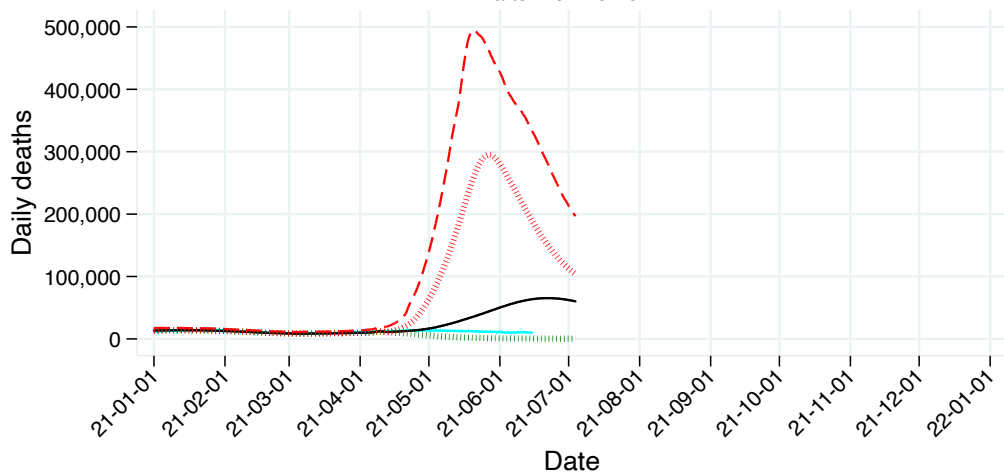


JOHN raw      JOHN smooth      IMPE mean  
IMPE lower      IMPE upper

Uncertainty limits: dashed (---) curves

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

after 2021-01-01

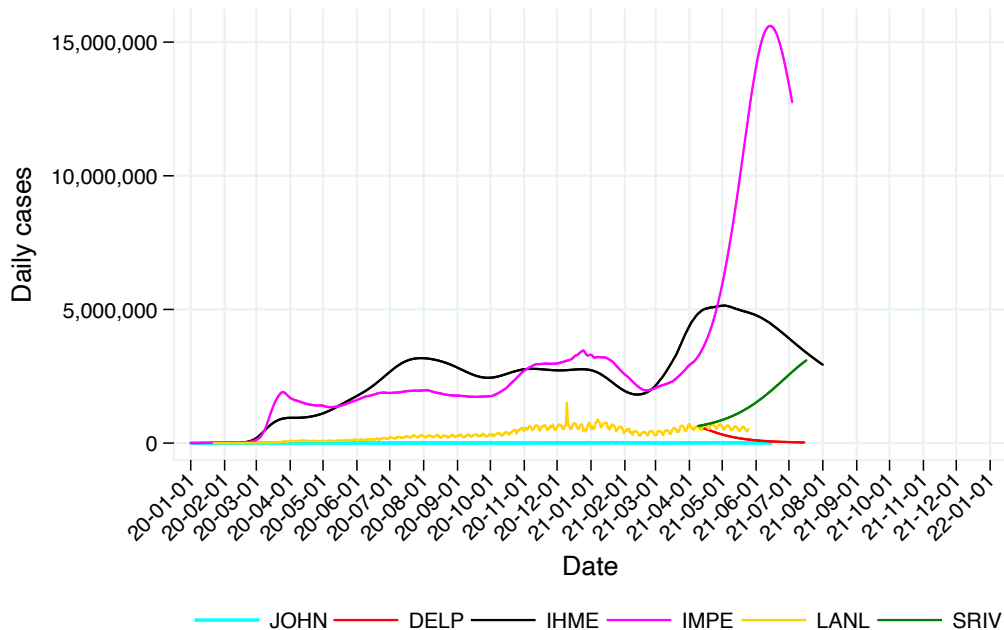


- JOHN raw
- JOHN smooth
- IMPE reference
- IMPE better
- IMPE worse
- IMPE worse upper

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

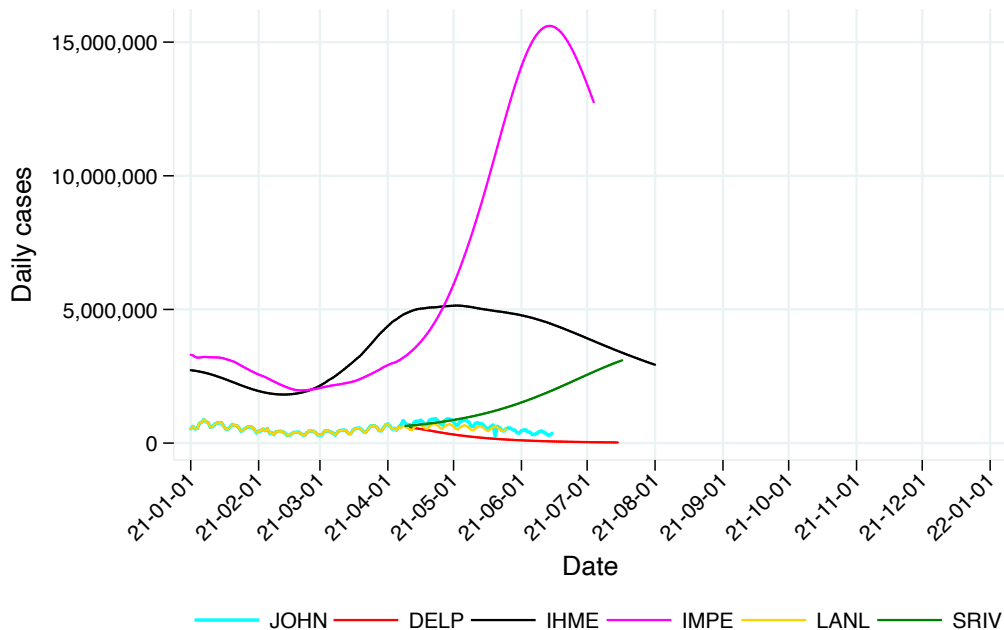


## COVID-19 daily cases, global, reference scenarios



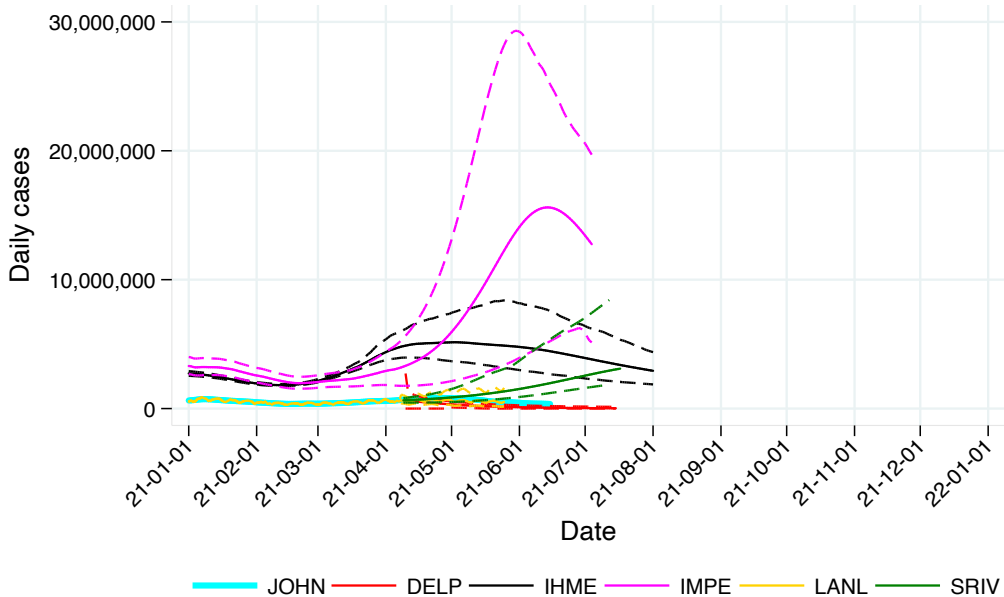
# COVID-19 daily cases, global, reference scenarios

after 2021-01-01



# COVID-19 daily cases, global, reference scenarios

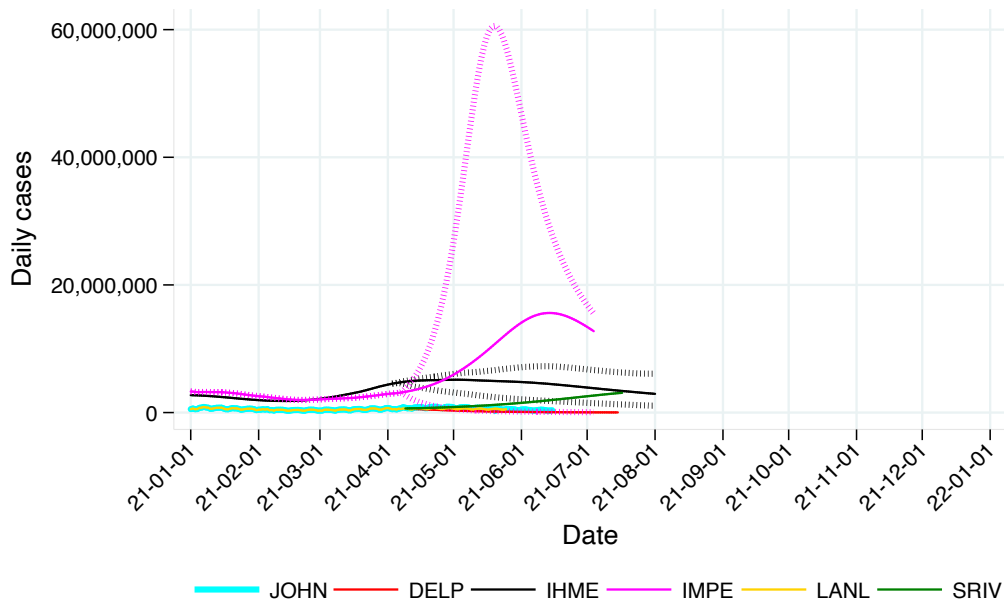
after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

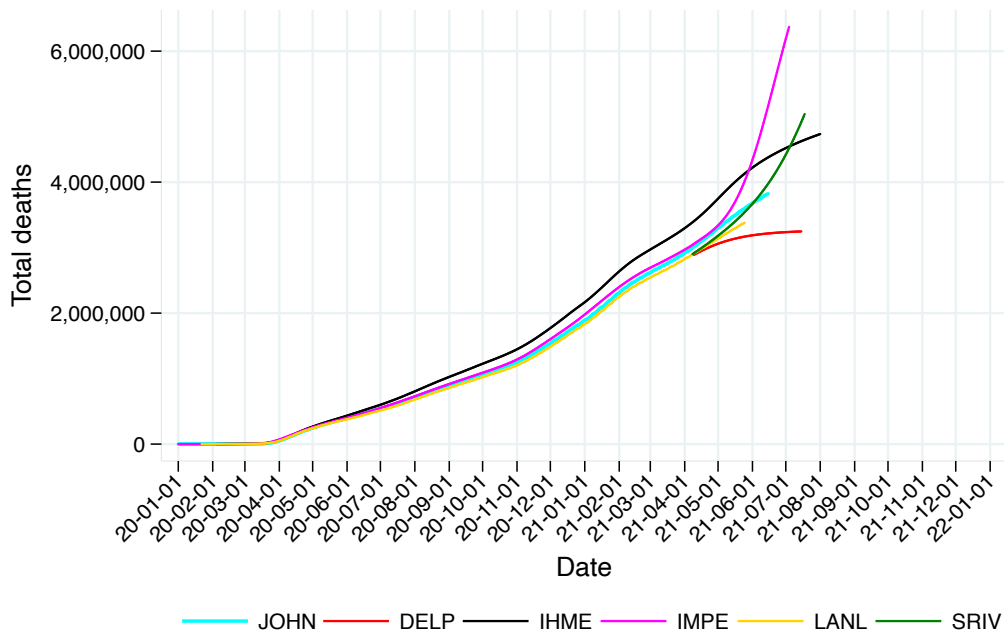
# COVID-19 daily cases, global, 3 scenarios

after 2021-01-01



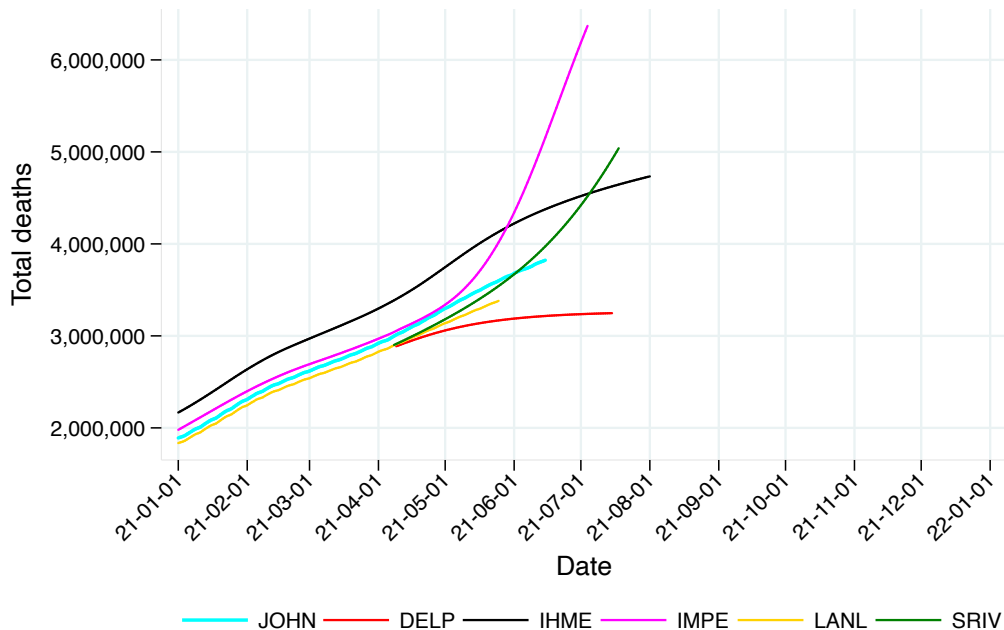
Better and worse scenarios: tight dot (|||||) curves; IHME and IMPE

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



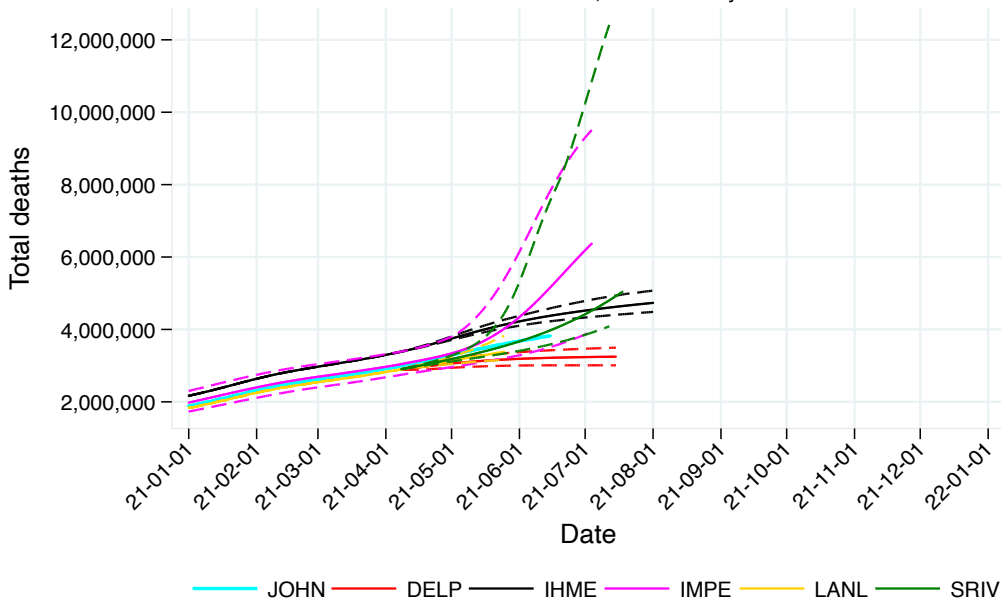
# COVID-19 total deaths, global, reference scenarios

after 2021-01-01



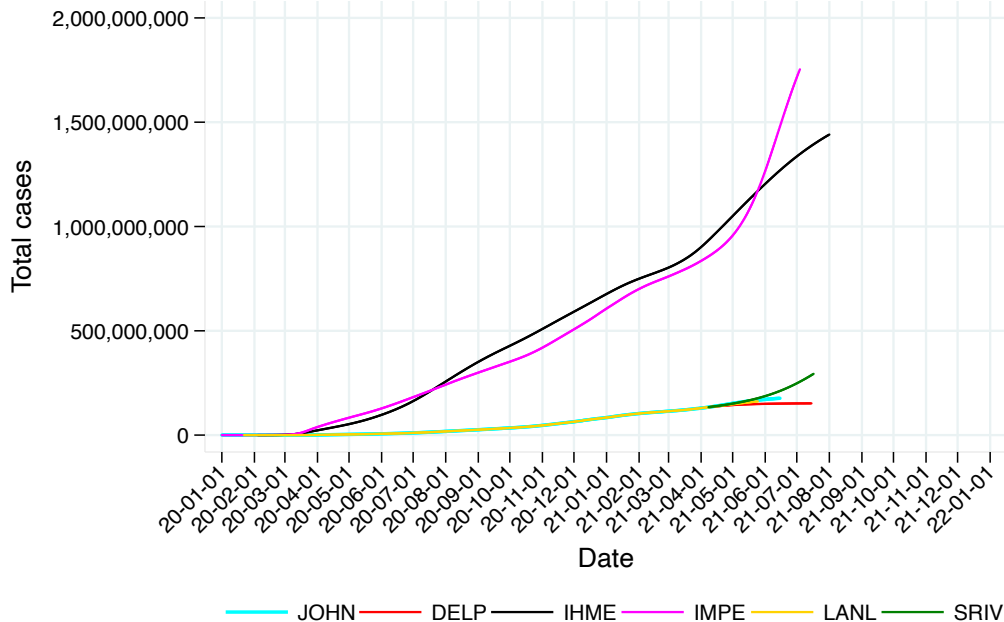
# COVID-19 total deaths, global, reference scenarios

after 2021-01-01, w/ uncertainty



Uncertainty limits: dashed curves

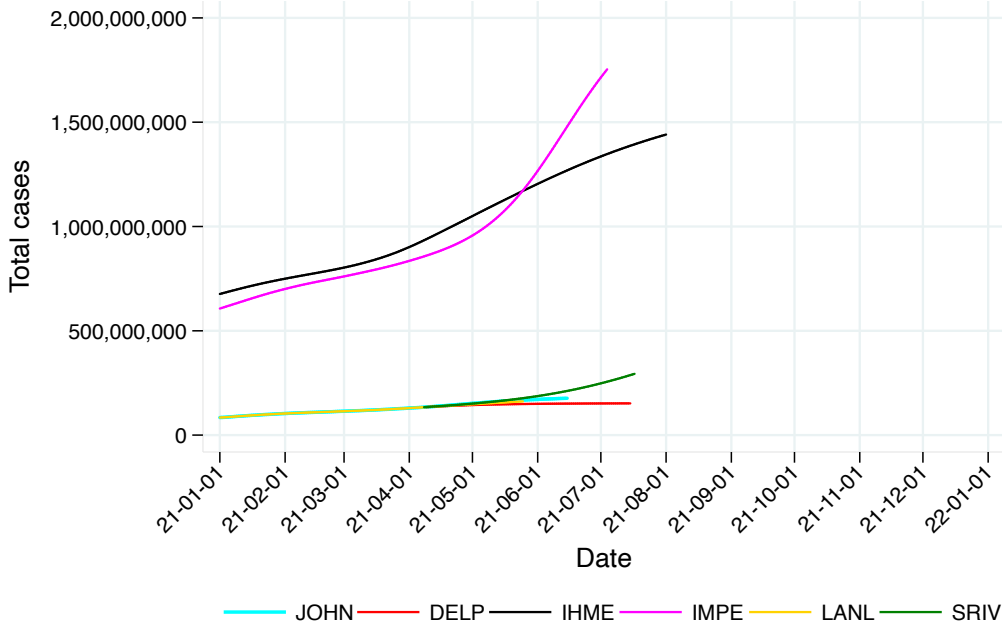
## COVID-19 total cases, global, reference scenarios





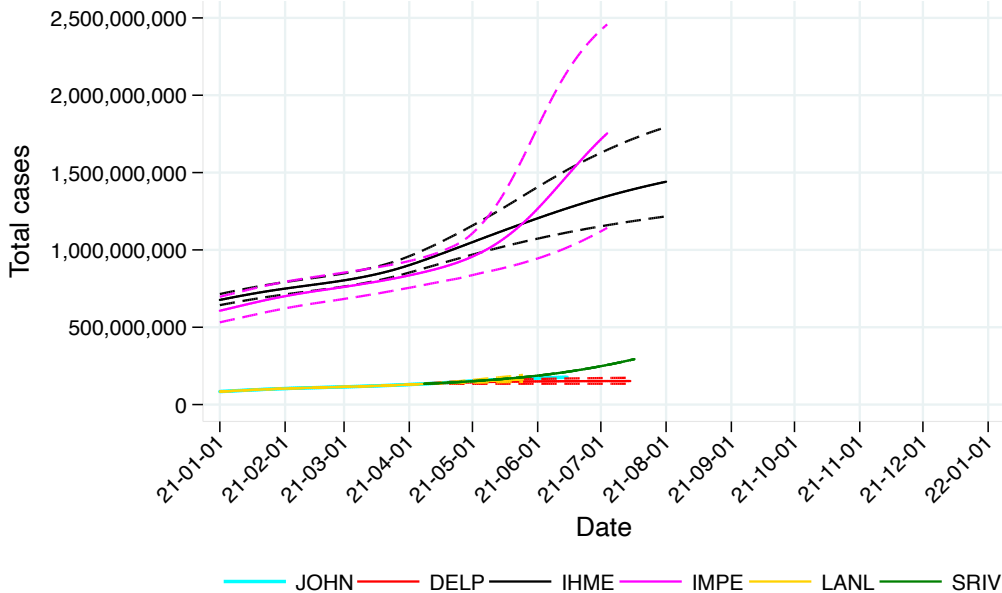
# COVID-19 total cases, global, reference scenarios

after 2021-01-01



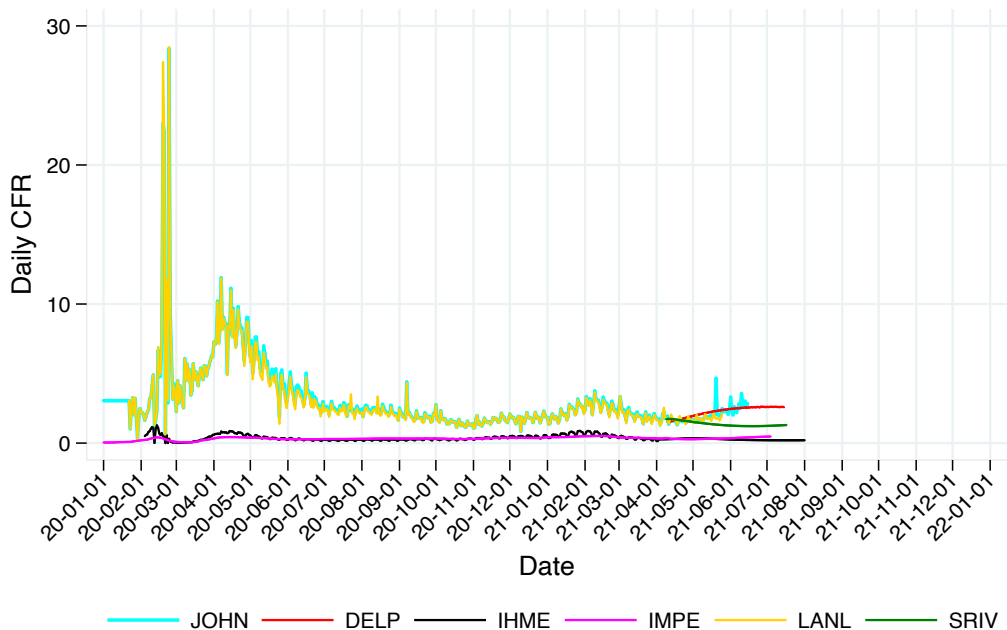
# COVID-19 total cases, global, reference scenarios

after 2021-01-01, w/ uncertainty



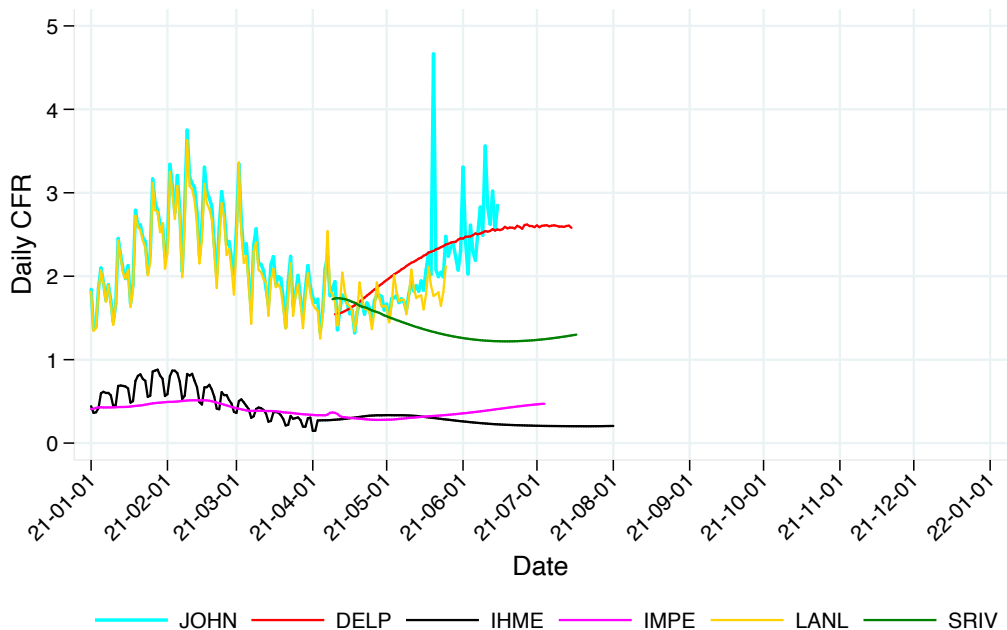
Uncertainty limits: dashed curves

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



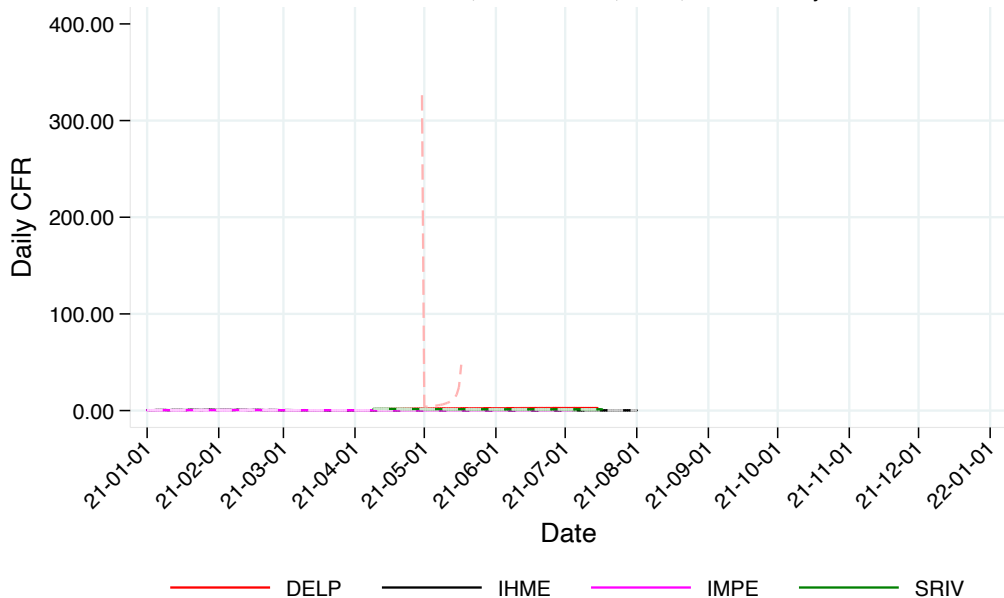
# COVID-19 daily CFR, global, reference scenarios

after 2021-01-01



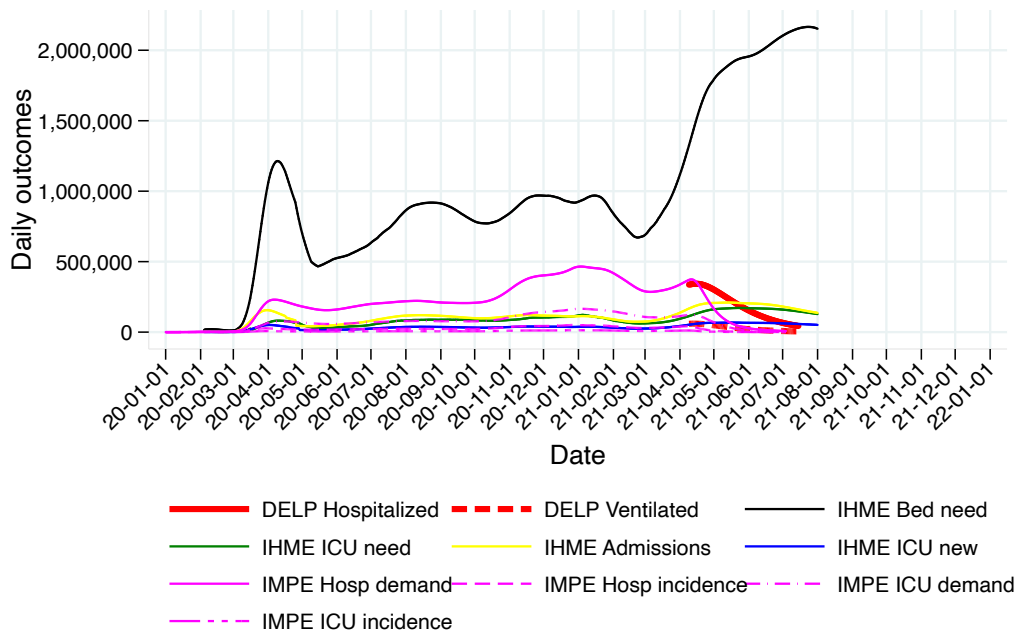
# COVID-19 daily CFR, global, reference scenarios

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



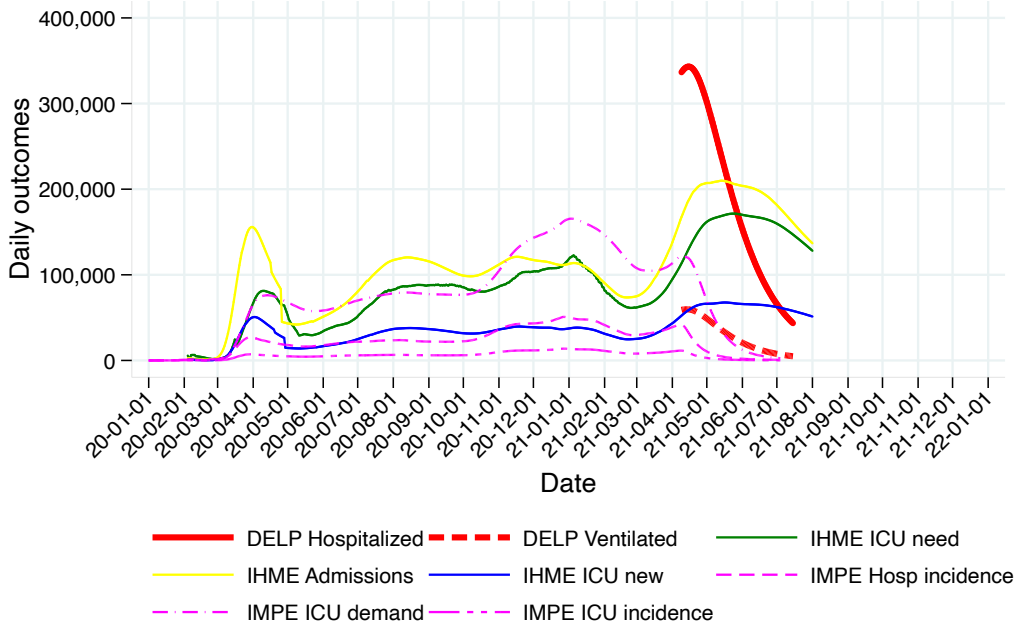
Uncertainty limits: dashed light curves.

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



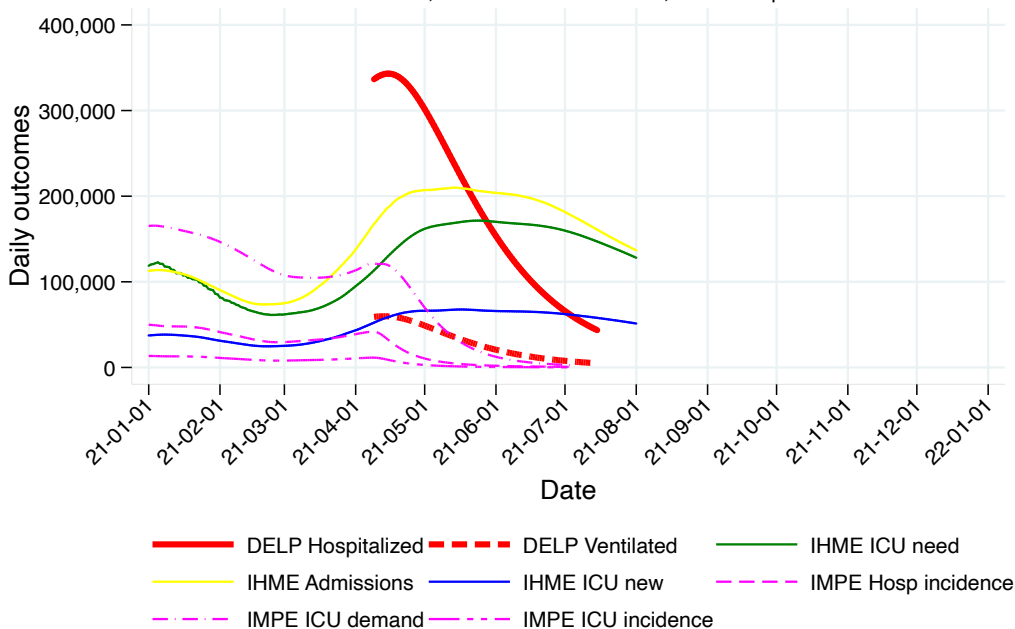
# COVID-19 daily hospital-related outcomes global, median scenarios

without IHME Bed need, IMPE Hosp demand



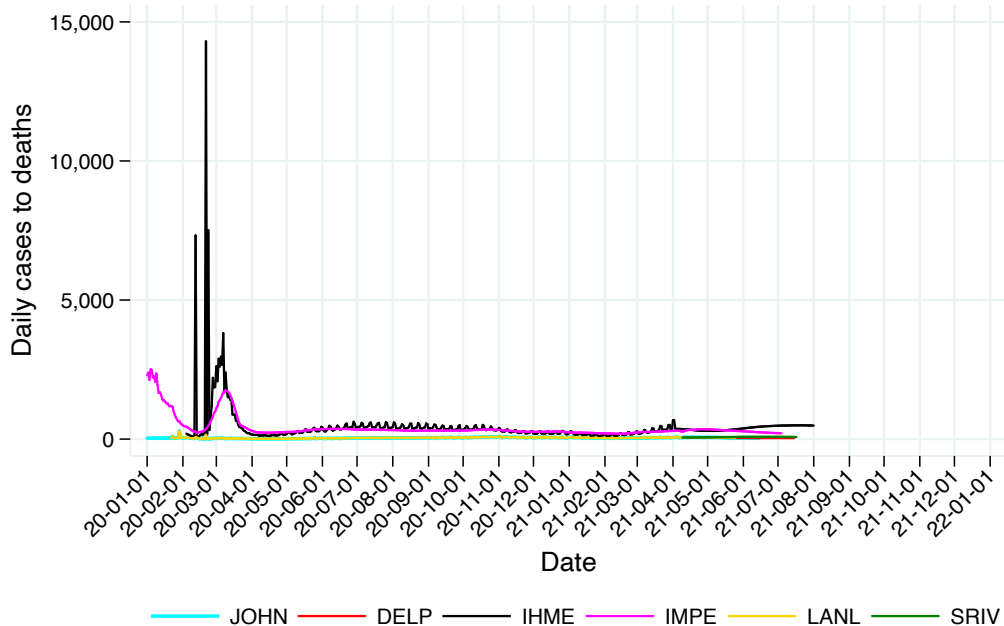
# COVID-19 daily hospital-related outcomes global, median scenarios

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



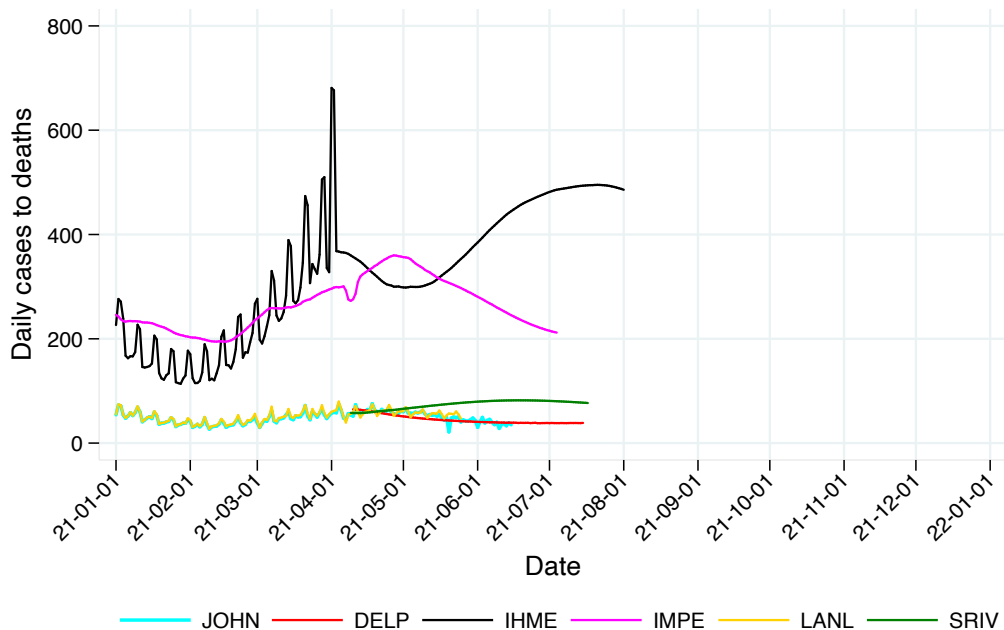


## COVID-19 daily cases to deaths, global, reference scenarios

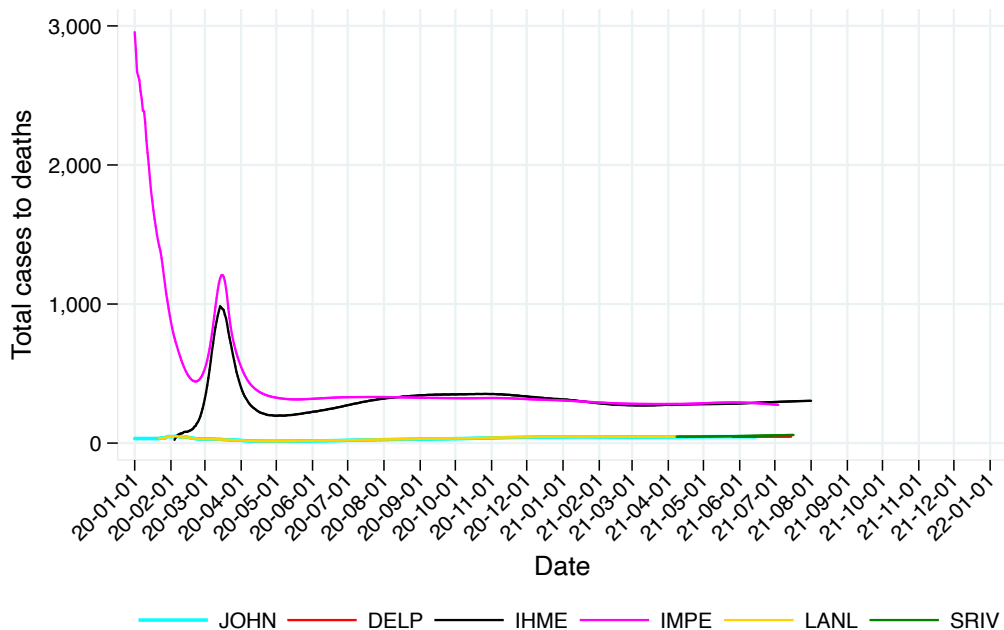


# COVID-19 daily cases to deaths, global, reference scenarios

after 2021-01-01

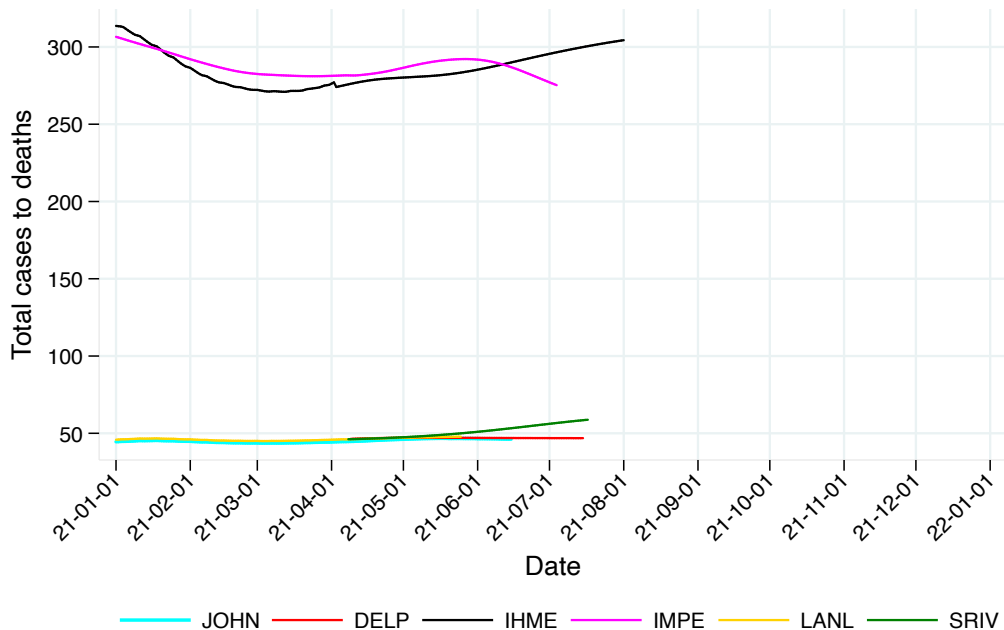


## COVID-19 total cases to deaths, global, reference scenarios

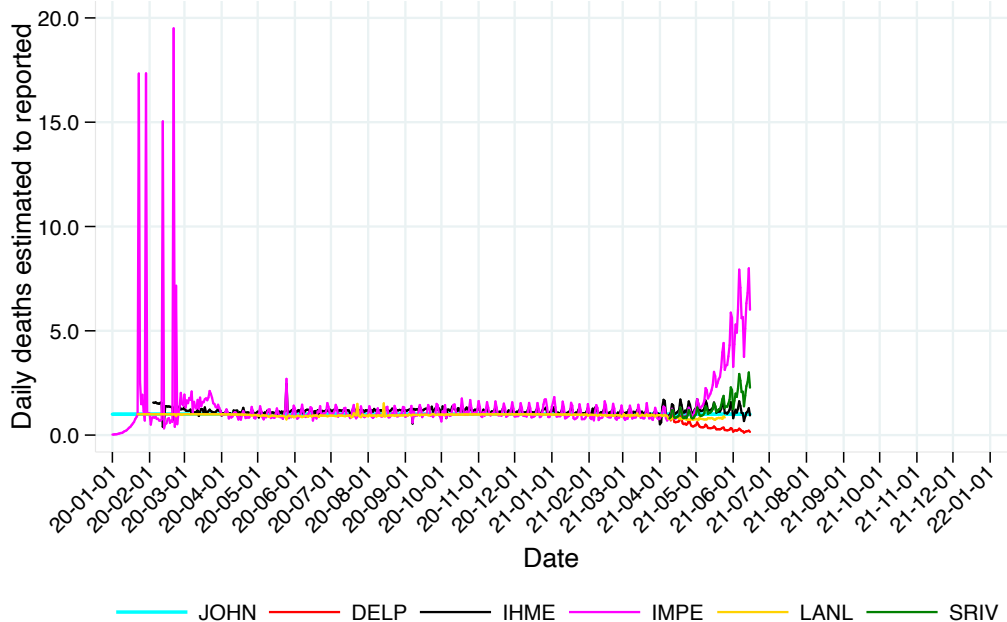


# COVID-19 total cases to deaths, global, reference scenarios

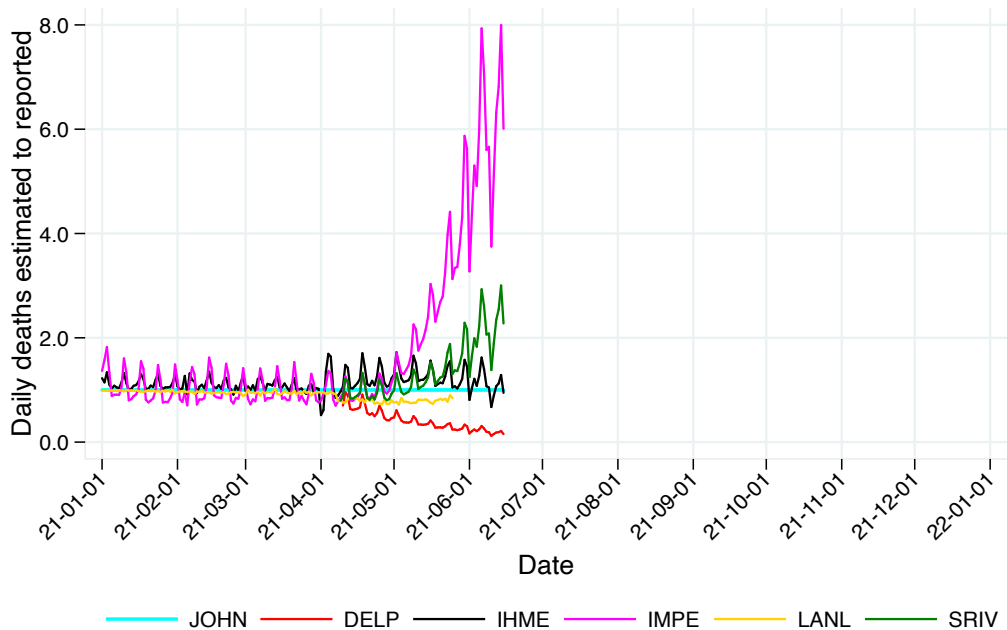
after 2021-01-01



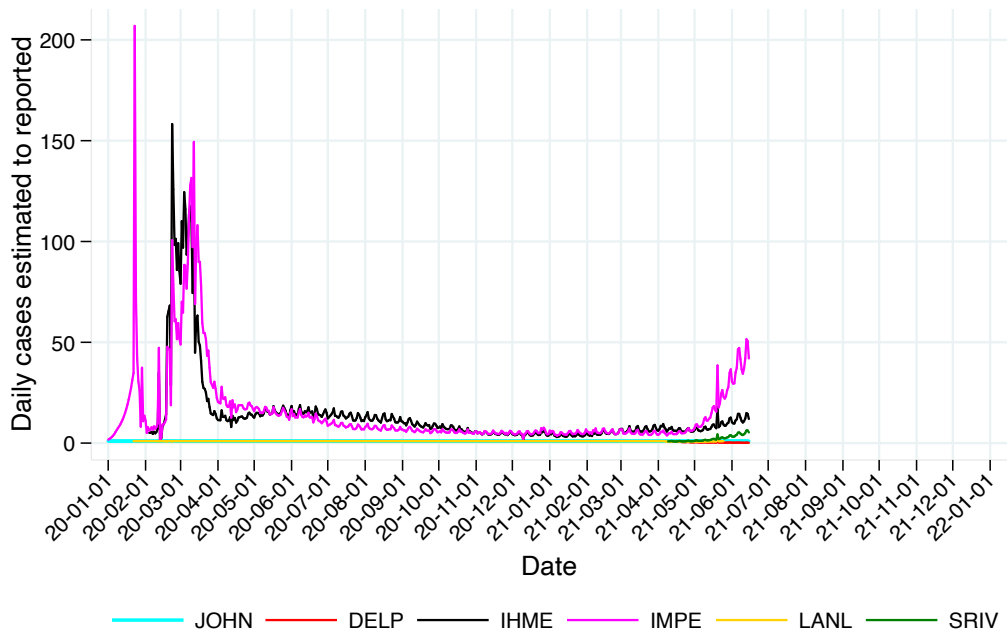
# COVID-19 daily deaths estimated to reported, global, reference scenarios



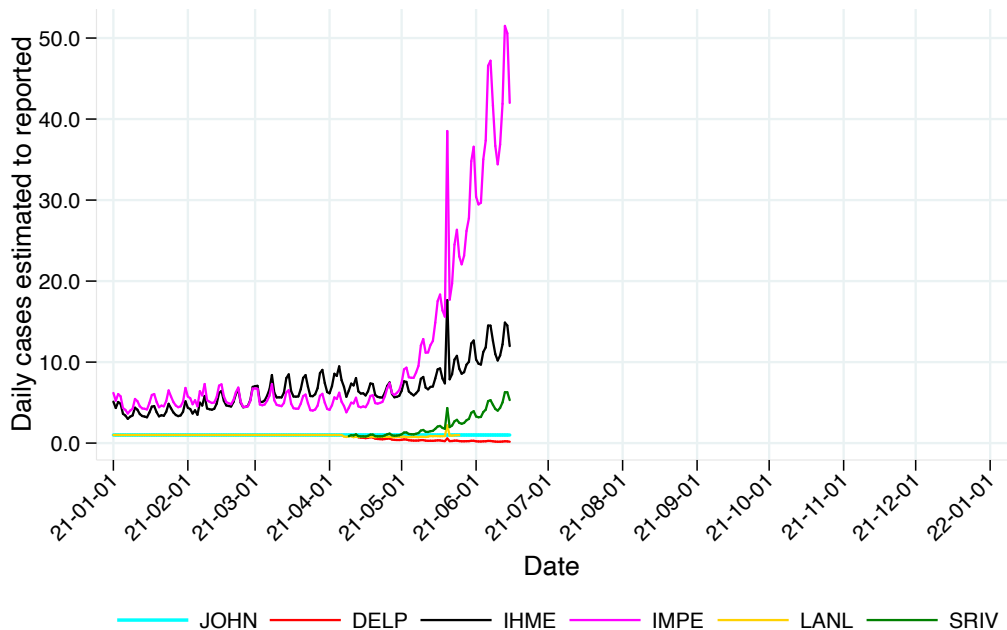
# COVID-19 daily deaths estimated to reported, global, reference scenarios



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

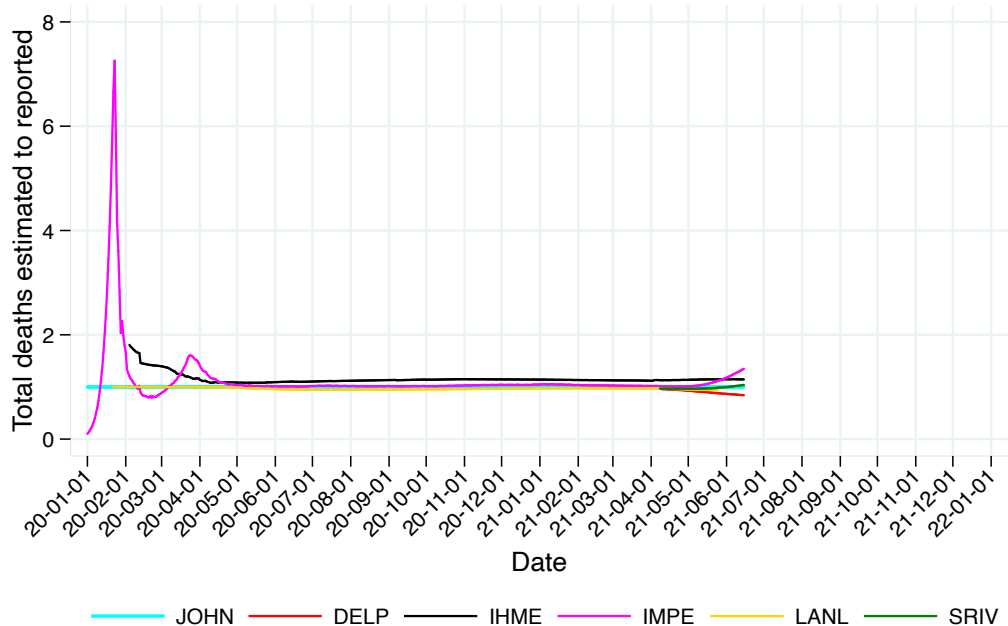


# COVID-19 daily cases estimated to reported, global, reference scenarios

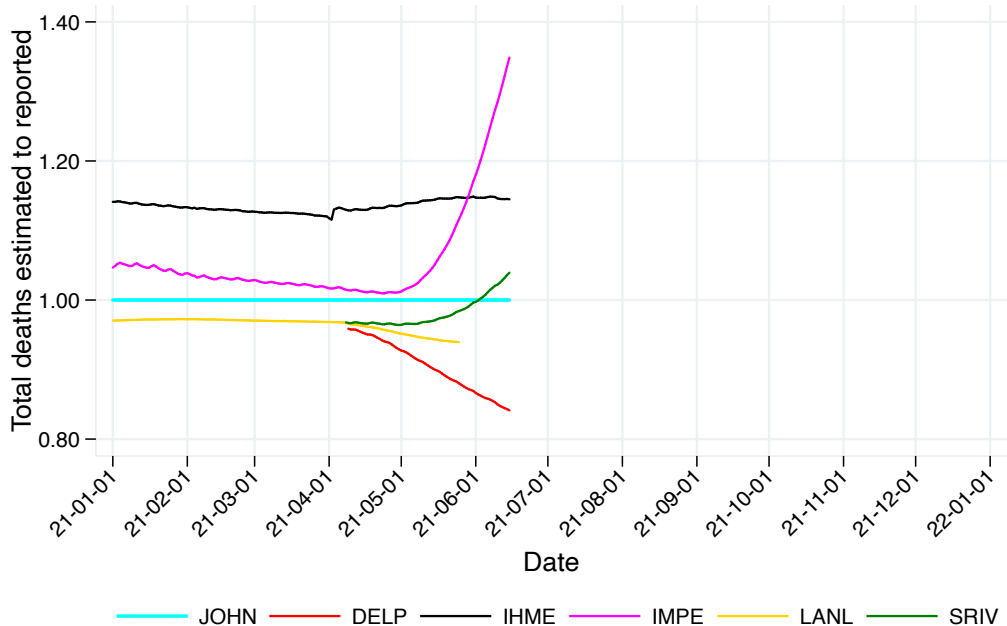




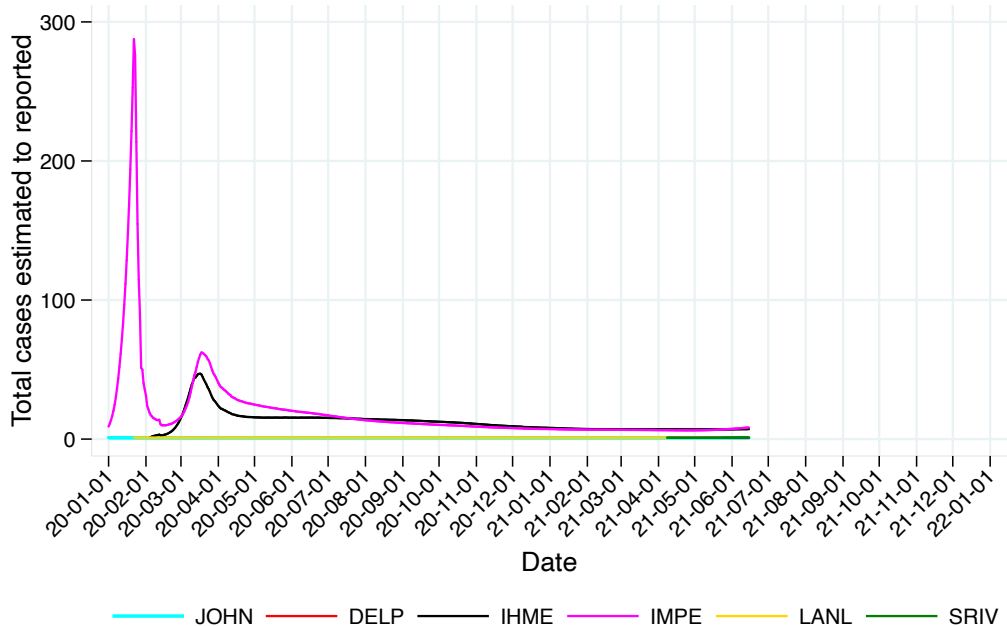
# COVID-19 total deaths estimated to reported, global, reference scenarios



# 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

