COVID-19 daily deaths, Iran

reference scenarios

Legend: JOHN, DELP, IHME, IHME excess, IMPE, SRIV, WHO excess

COVID-19 daily deaths, Iran

2021 on, reference scenarios

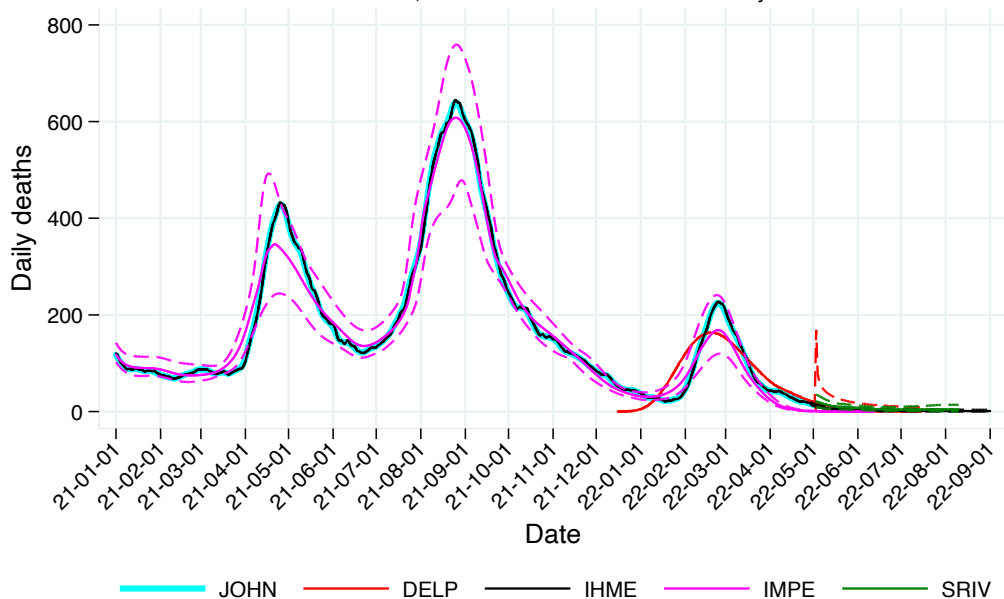**Daily deaths**

Date

Legend: JOHN — DELP — IHME — — IHME excess — IMPE — SRIV

Reference scenario forecasts are marked with IIIIIIIIIIII

COVID-19 daily deaths, Iran

2021 on, reference scenarios with uncertainty

Daily deaths vs Date

Legend: JOHN, DELP, IHME, IMPE, SRIV

Uncertainty limits: dashed curves

COVID-19 daily deaths, Iran, IHME

2021 on, reference scenario with uncertainty
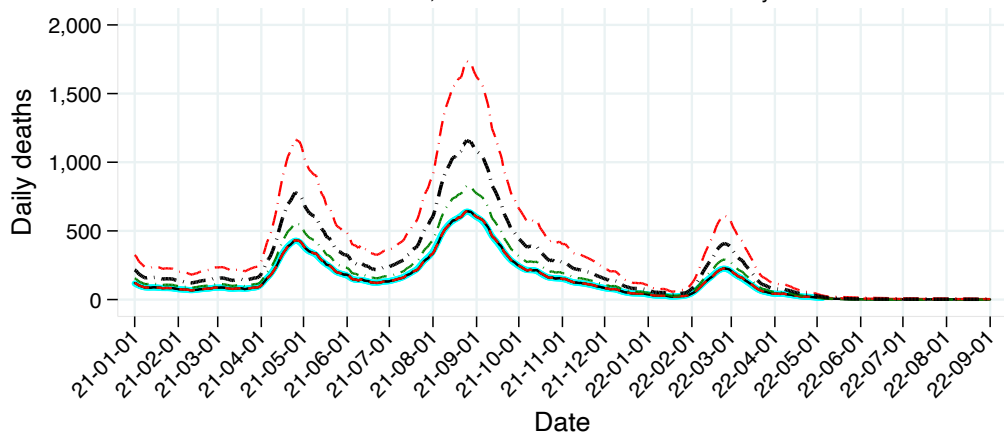
Legend:
- JOHN
- IHME reference scenario, mean
- IHME reference scenario, lower
- IHME reference scenario, upper
- IHME excess lower
- IHME excess upper
- IHME excess mean

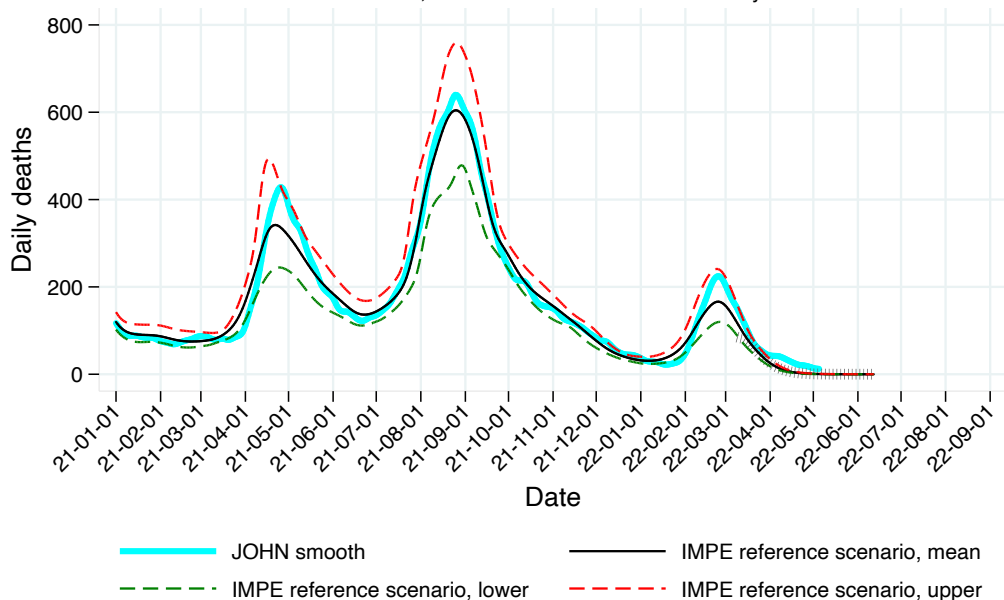Uncertainty limits: dashed (– – –) curves

COVID-19 daily reported deaths, Iran, IHME, all scenarios
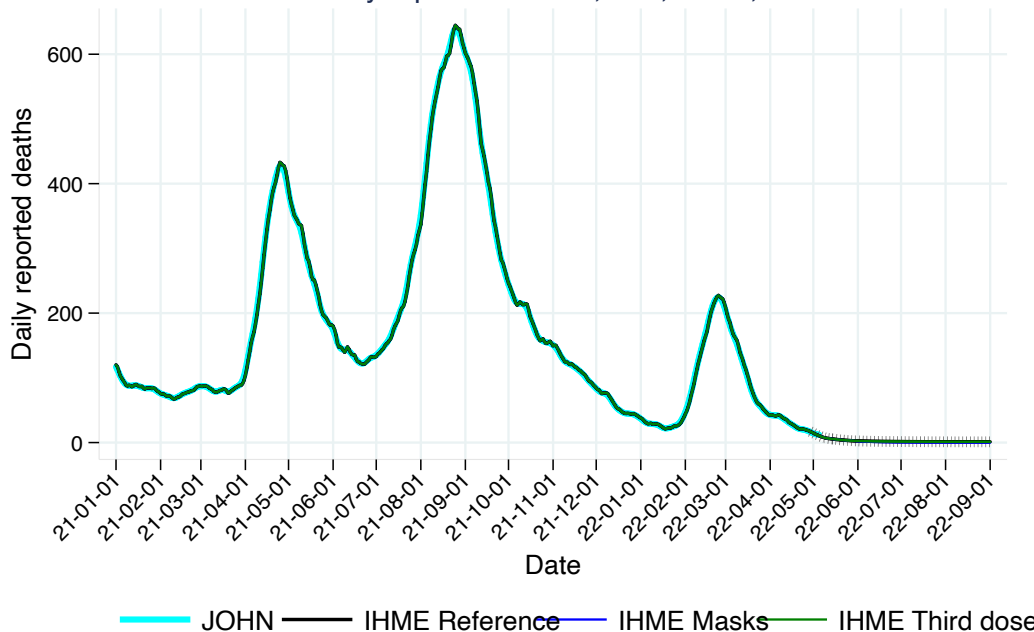
Reference scenario forecasts are marked with IIIIIIIIIIII
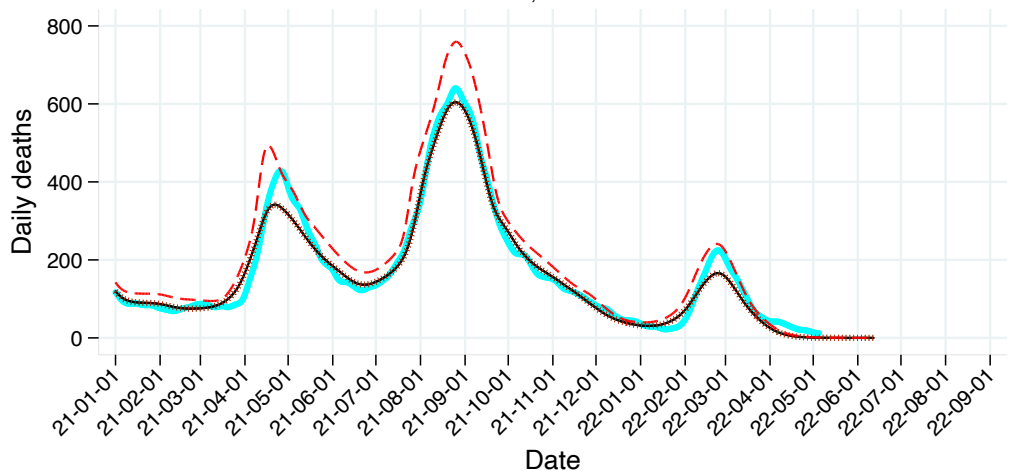
COVID-19 daily deaths, Iran, IMPE

2021 on, reference scenario with uncertainty

Daily deaths

JOHN smooth
IMPE reference scenario, mean
IMPE reference scenario, lower
IMPE reference scenario, upper

Reference scenario forecasts are marked with lllllllllllll

COVID-19 daily deaths, Iran, IMPE

2021 on, 3 scenarios

Legend:
- JOHN
- IMPE reference scenario, mean
- IMPE better scenario, mean
- IMPE worse scenario, mean
- IMPE worse scenario, upper uncertainty limit

Better and worse scenarios: tight dot (lllll) curves; Uncertainty limits: dashed (– – –) curves.
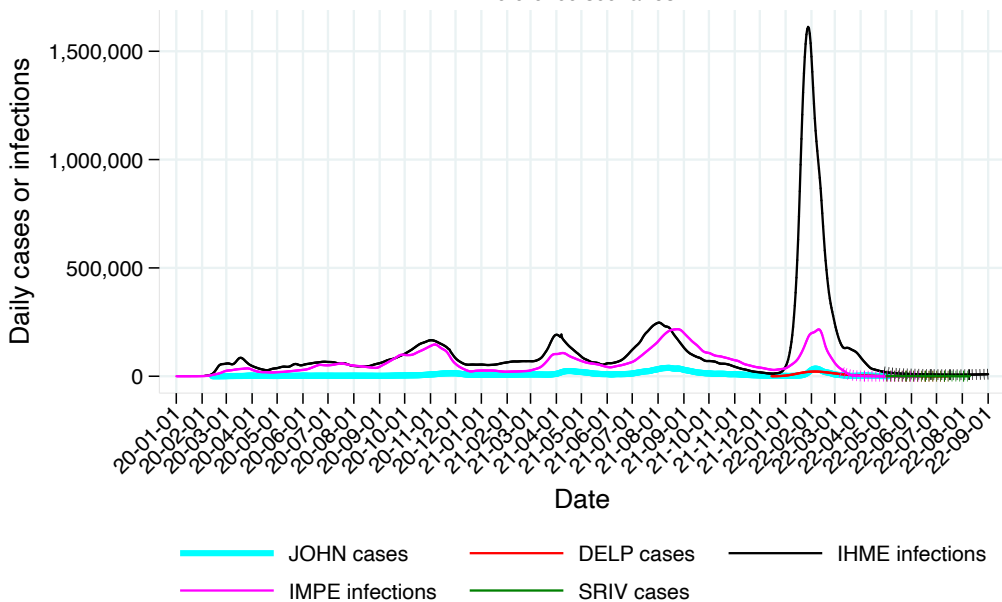
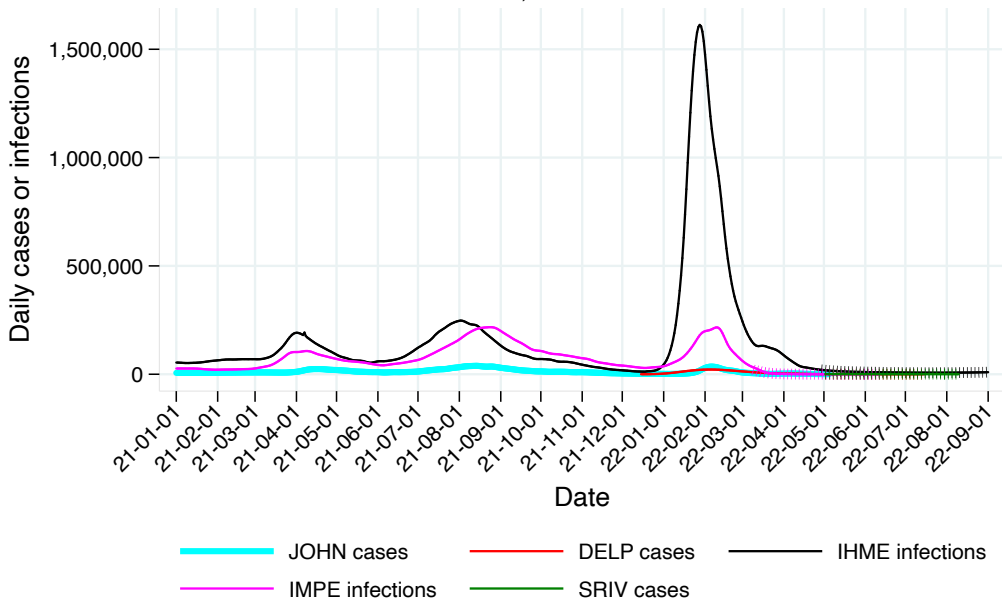# COVID-19 daily cases or infections, Iran

reference scenarios

Reference scenario forecasts are marked with IIIIIIIIIIII

COVID-19 daily cases or infections, Iran

2021 on, reference scenarios

Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
- SRIV cases

Reference scenario forecasts are marked with llllllllll

COVID-19 daily cases, Iran

2021 on, reference scenarios

Daily cases

Date

JOHN cases — DELP cases — SRIV cases

COVID-19 daily cases or infections, Iran

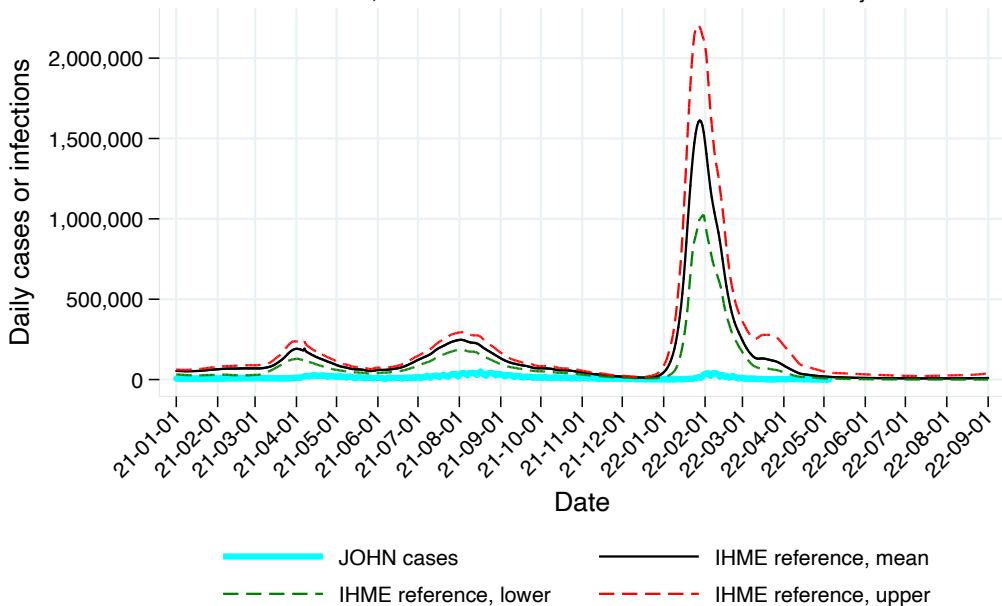2021 on, full scenarios, with uncertainty; IHME & IMPE: infections
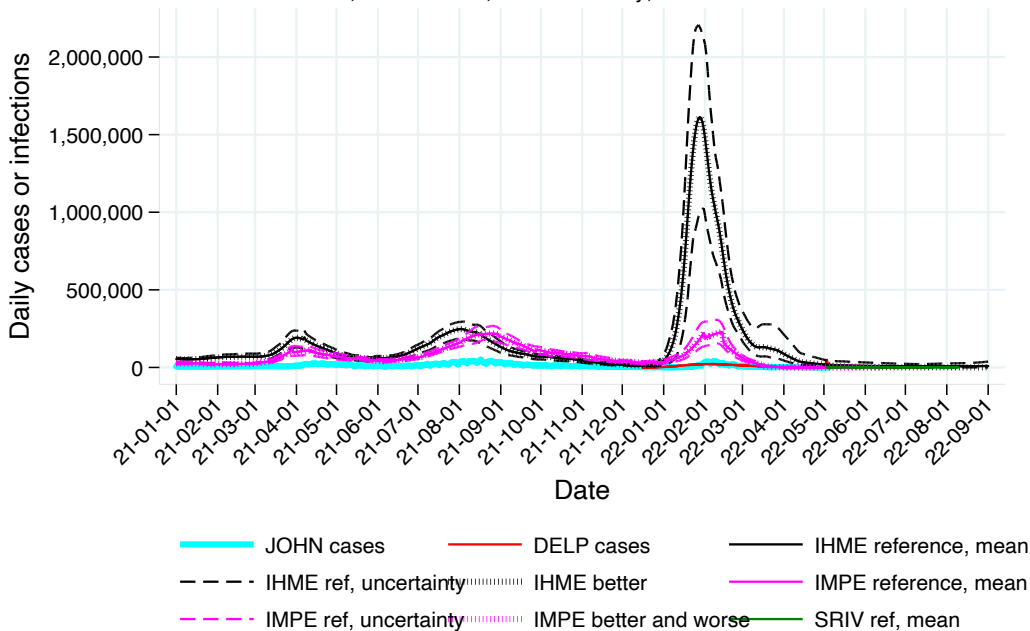
JOHN cases	DELP cases	IHME reference, mean
IHME ref, uncertainty	IHME better	IMPE reference, mean
IMPE ref, uncertainty	IMPE better and worse	SRIV ref, mean

COVID-19 daily cases or infections, Iran

2021 on, reference scenarios with uncertainty

JOHN cases
IMPE infections
DELP cases
SRIV cases
IHME infections
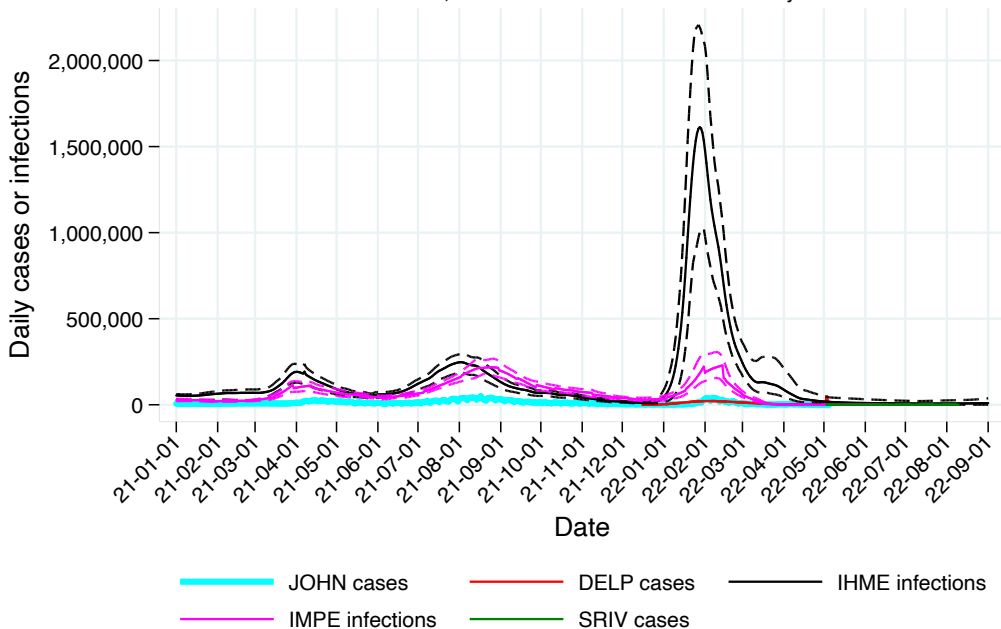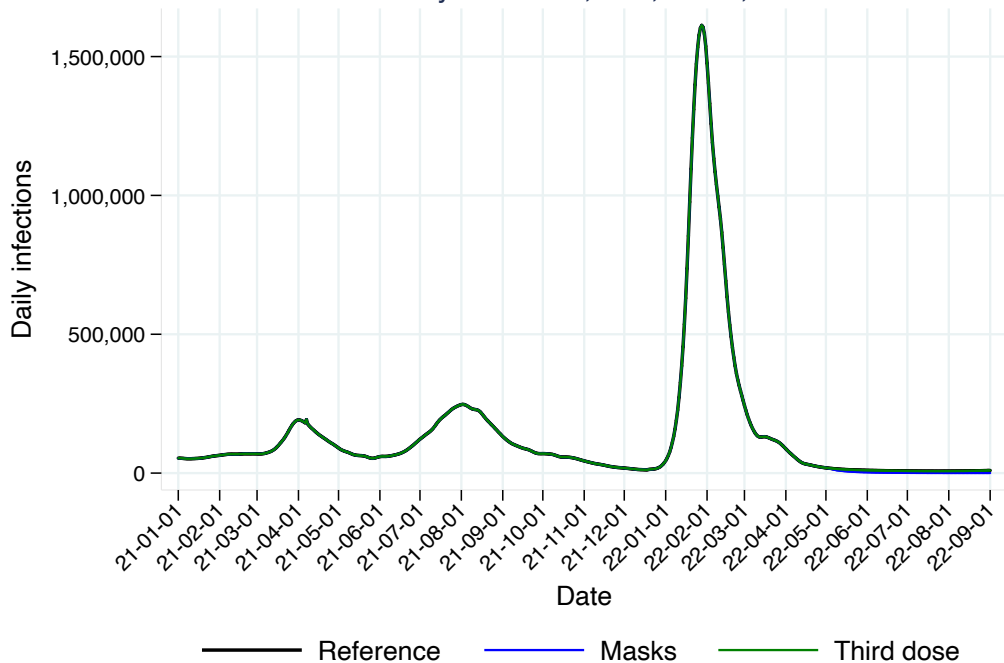
COVID-19 daily cases JOHN, and infections IHME, Iran

2021 on, IHME infections reference scenario with uncertainty

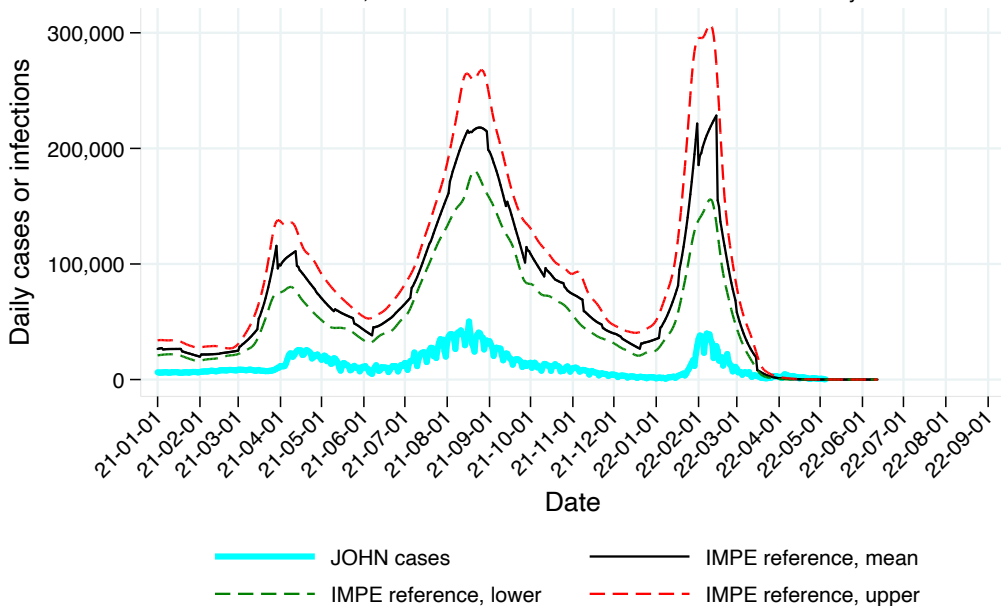JOHN cases
IHME reference, mean
IHME reference, lower
IHME reference, upper

- Uncertainty limits: dashed (– – –) curves

COVID-19 daily infections, Iran, IHME, all scenarios
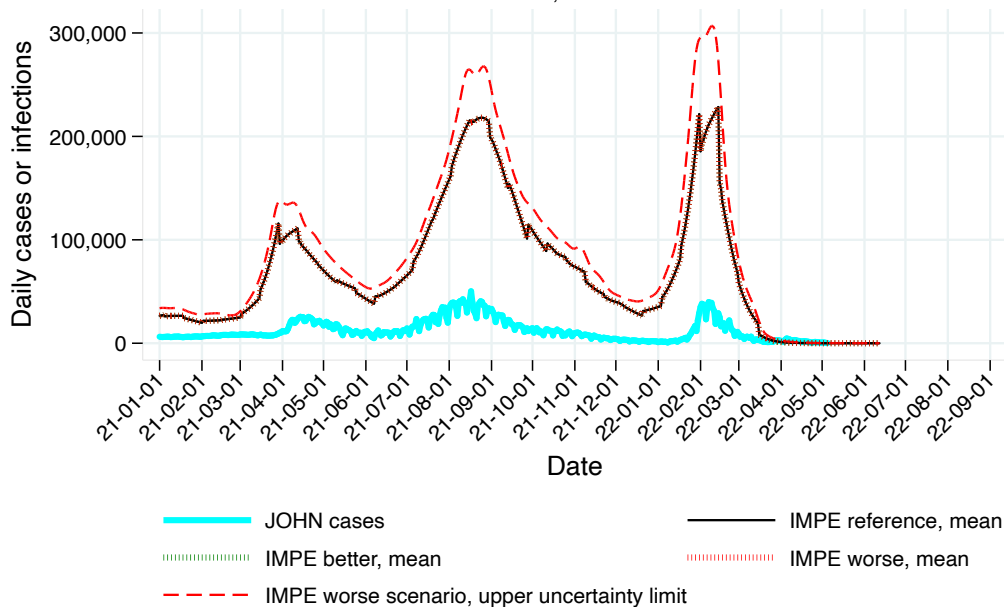
COVID-19 daily cases JOHN, and infections IMPE, Iran

2021 on, IMPE infections reference scenario with uncertainty

- Uncertainty limits: dashed (– – –) curves

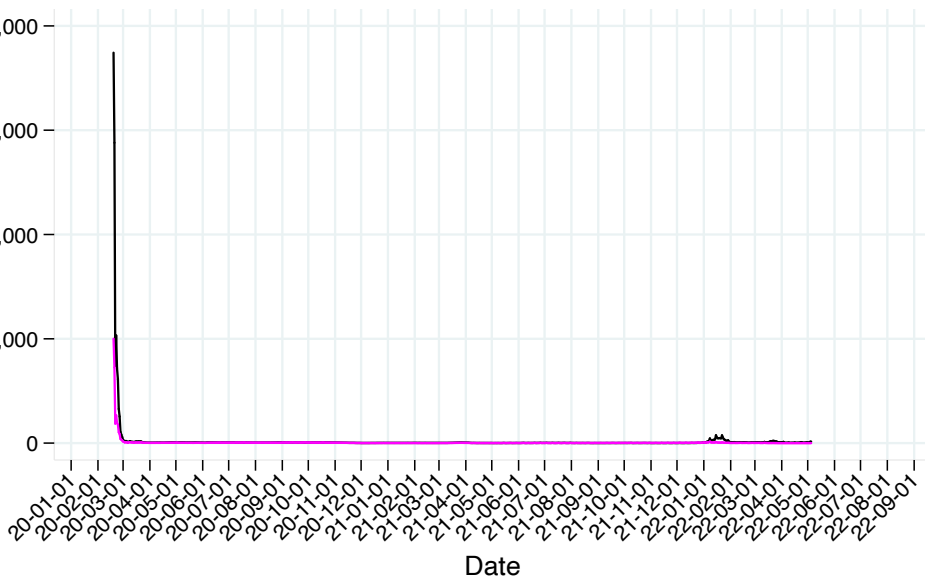COVID-19 daily JOHN, and infections IMPE, Iran

2021 on, 2 scenarios

- Better and worse scenarios: tight dot (IIIII) curves; Uncertainty limits: dashed (− − −) curves.

COVID-19 daily estimated infections to reported cases, Iran

reference scenarios
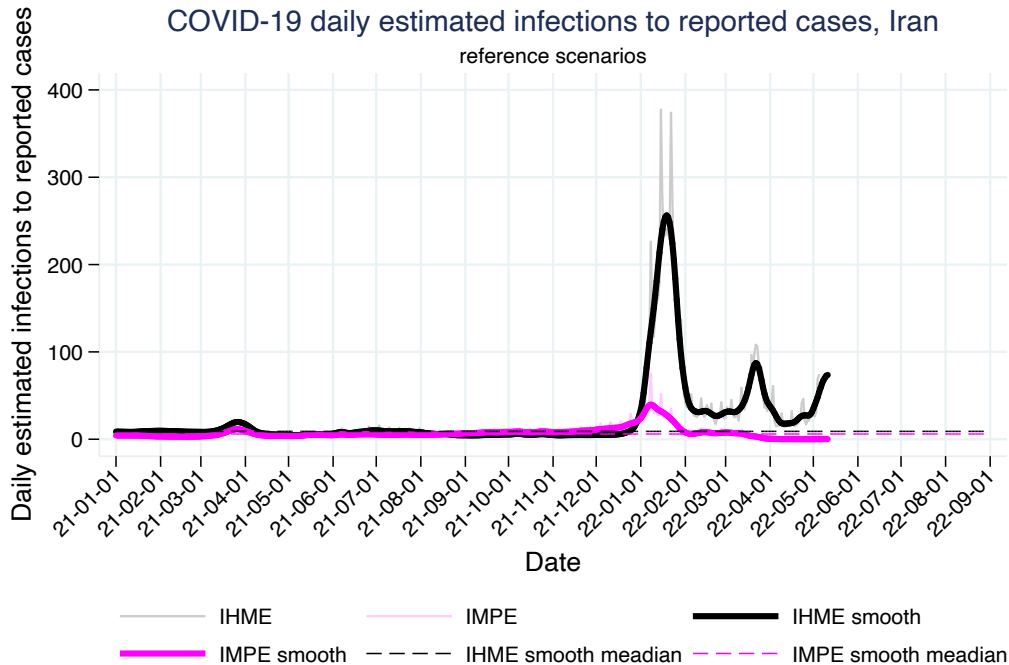
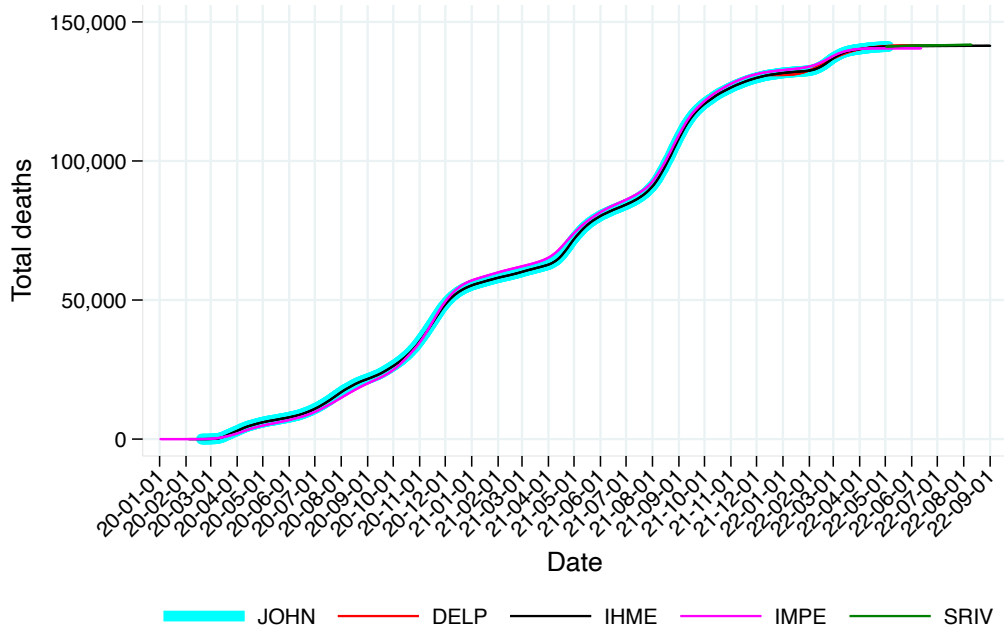COVID-19 daily estimated infections to reported cases, Iran

reference scenarios

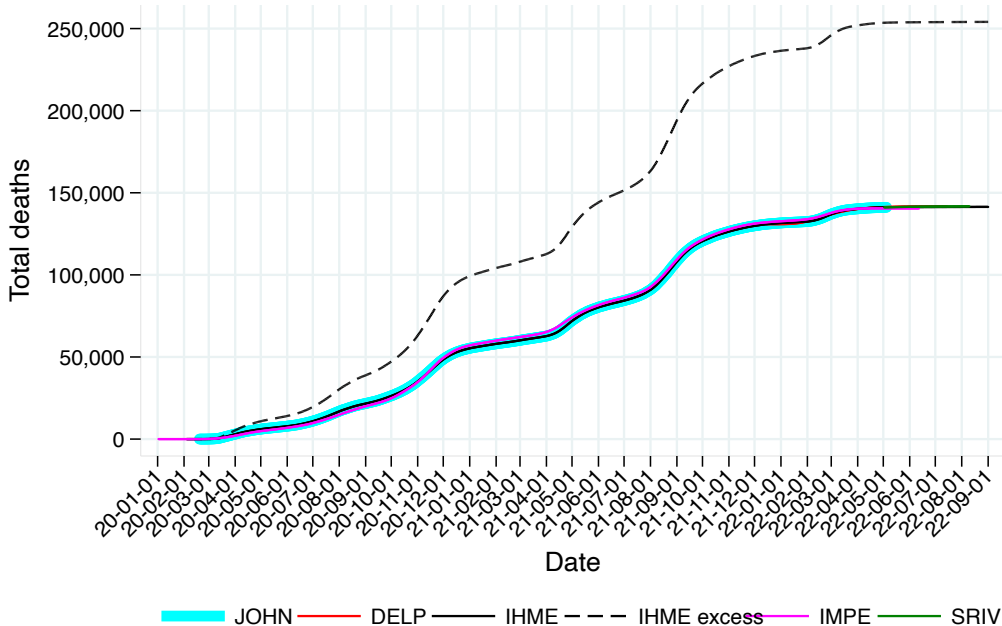IHME smooth median 2021 on = 9; IMPE smooth median 2021 on = 6
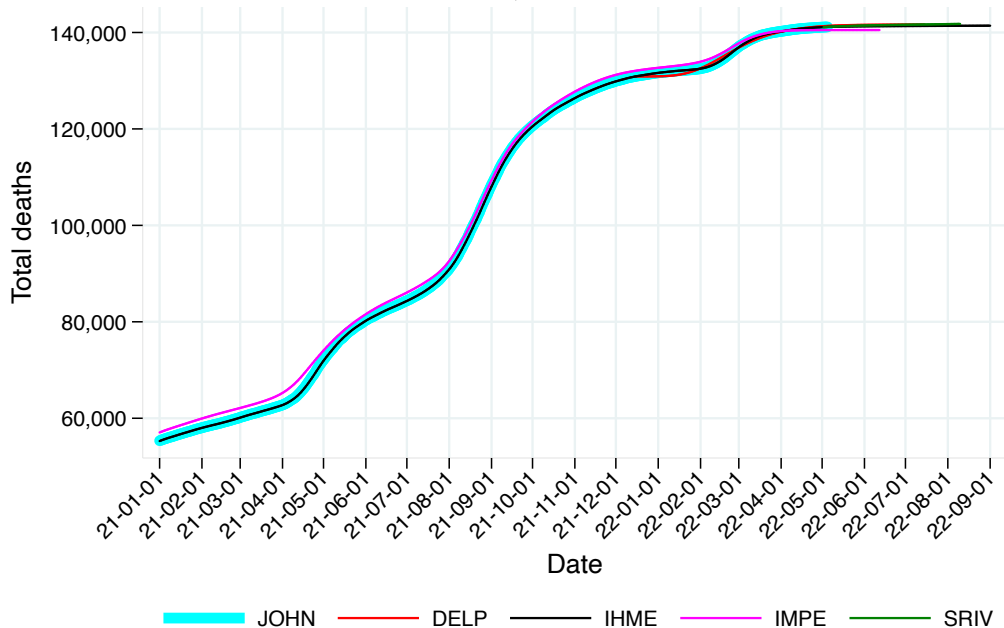
COVID-19 total deaths, Iran

reference scenarios
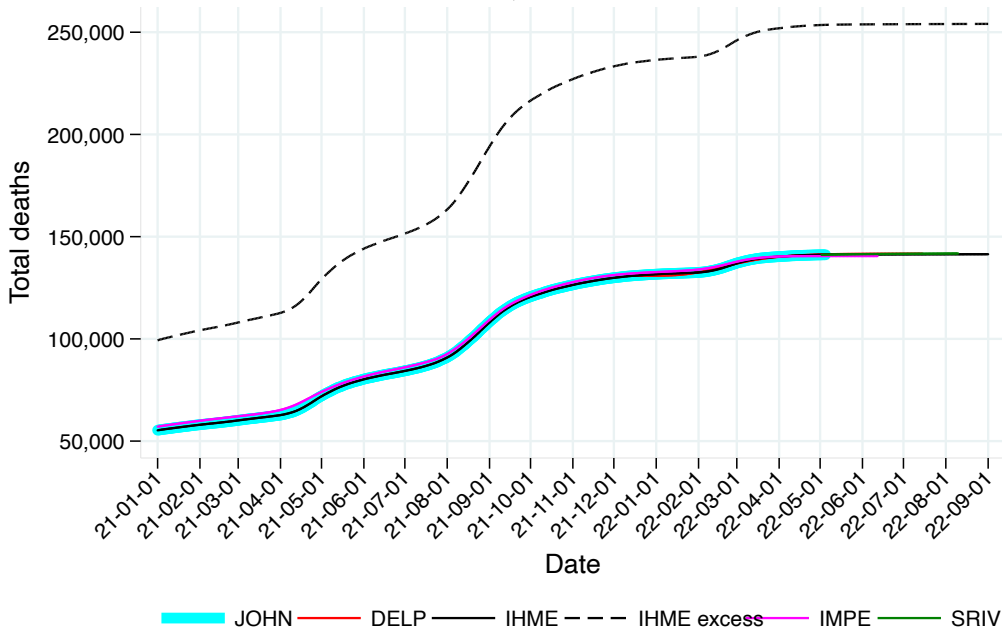
COVID-19 total deaths, Iran

reference scenarios

Total deaths

JOHN —— DELP —— IHME – – IHME excess —— IMPE —— SRIV

COVID-19 total deaths, Iran

2021 on, reference scenarios

Total deaths

140,000

120,000

100,000

80,000

60,000

Date

JOHN — DELP — IHME — IMPE — SRIV

COVID-19 total deaths, Iran

2021 on, reference scenarios

Total deaths

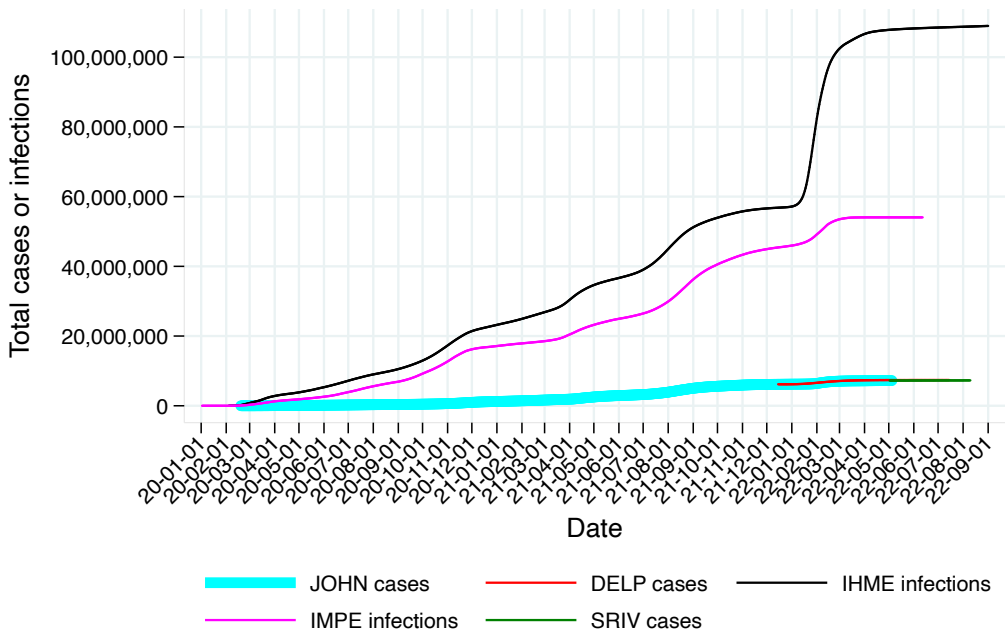| JOHN | DELP | IHME | IHME excess | IMPE | SRIV |

COVID-19 total deaths, Iran

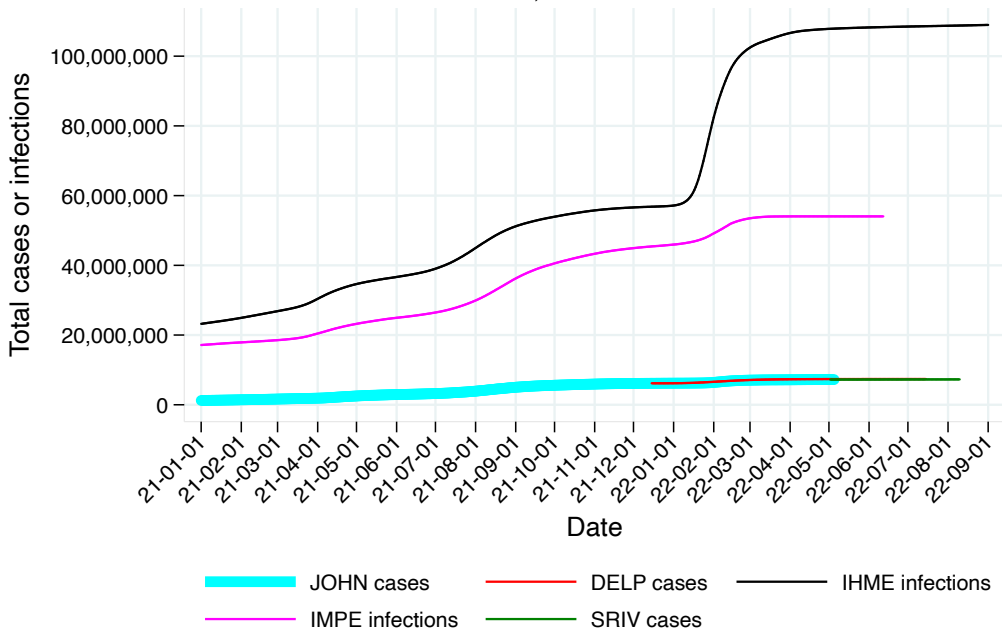2021 on, reference scenarios with uncertainty
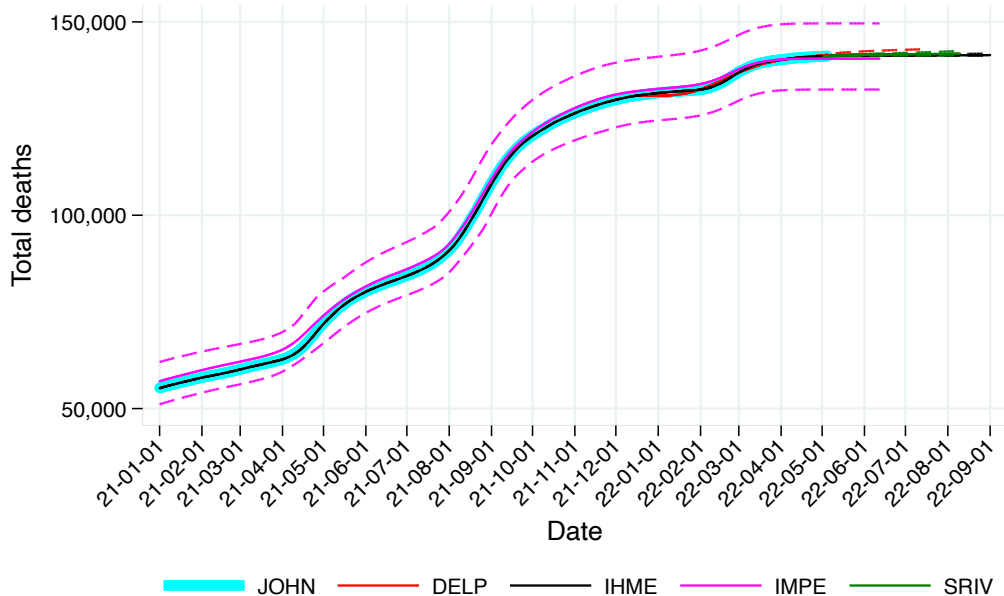
Uncertainty limits: dashed curves

# COVID-19 total cases or infections, Iran
reference scenarios

Total cases or infections (y-axis): 0 to 100,000,000

Date (x-axis): 20-01-01 to 22-09-01

Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
- SRIV cases

COVID-19 total cases or infections, Iran

2021 on, reference scenarios

Legend:
- JOHN cases
- IMPE infections
- DELP cases
- SRIV cases
- IHME infections

X-axis: Date
Y-axis: Total cases or infections

COVID-19 total cases or infections, Iran

2021 on, reference scenarios with uncertainty

Total cases or infections
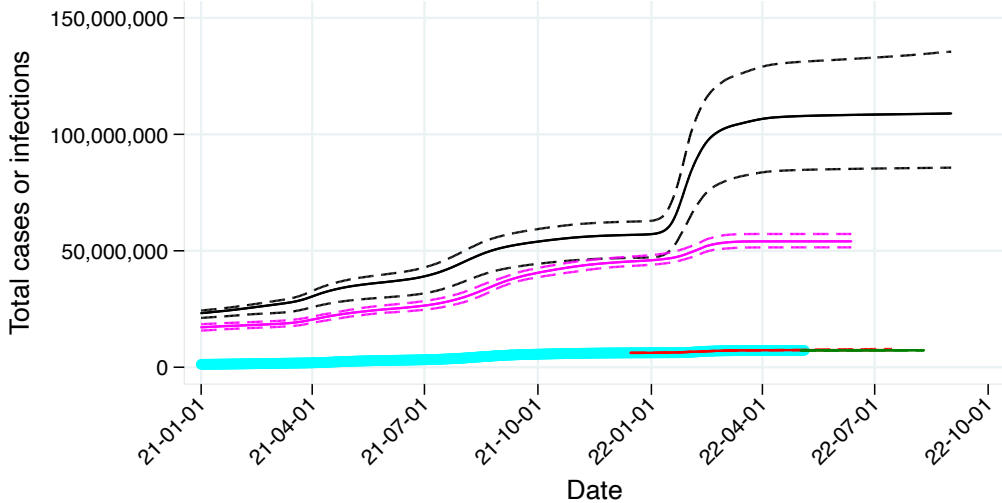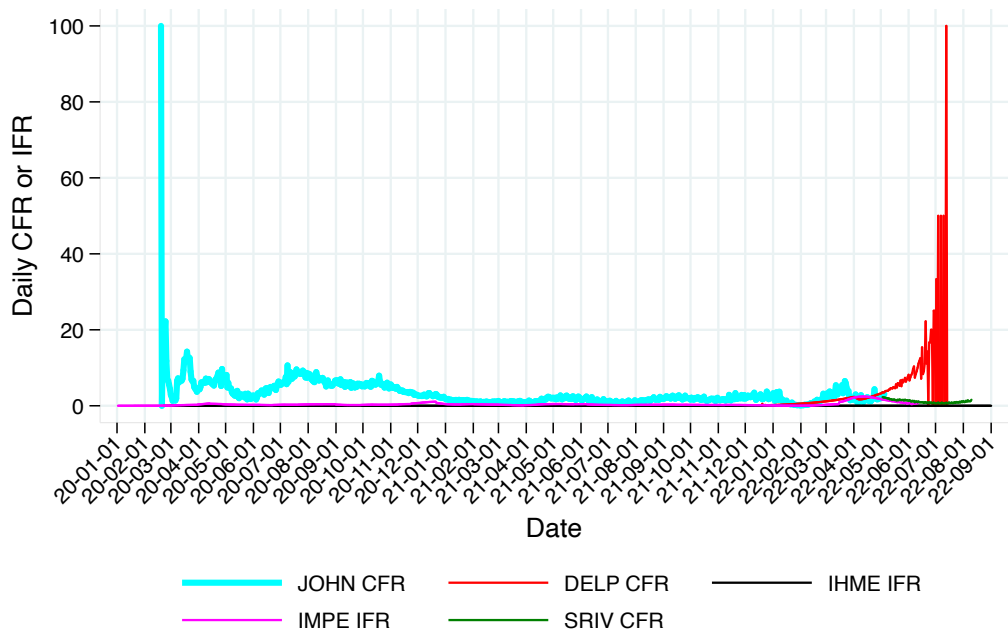
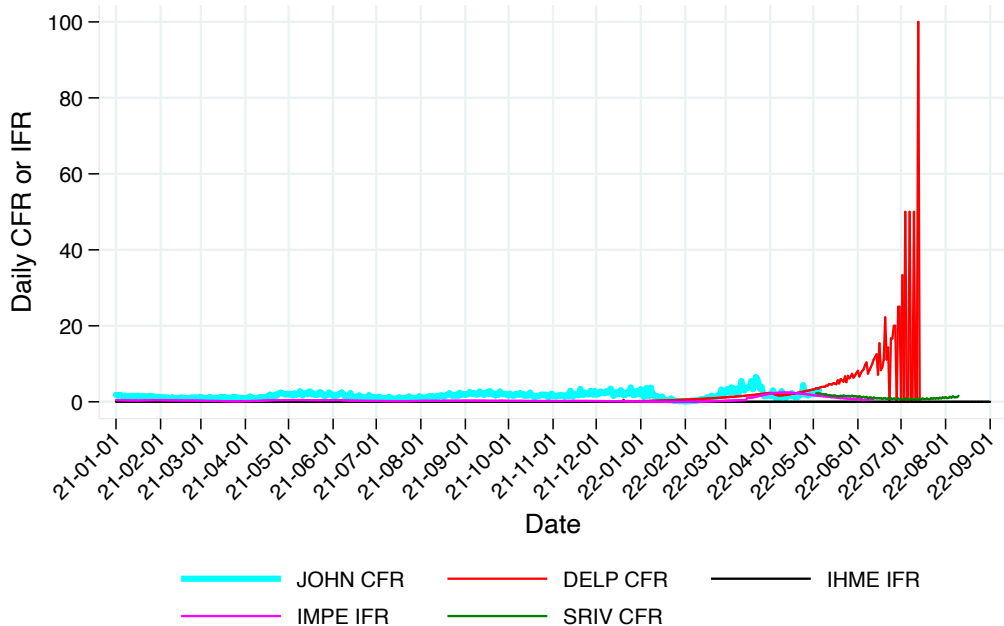| JOHN cases | DELP cases | IHME infections |
| IMPE infections | SRIV cases | |

Uncertainty limits: dashed curves
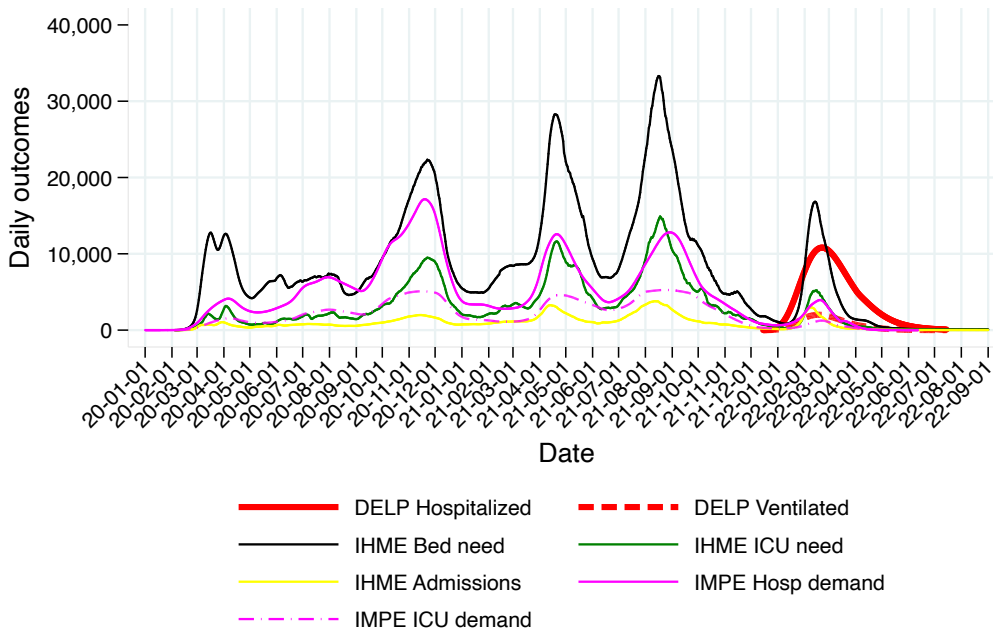
COVID-19 daily CFR or IFR, Iran
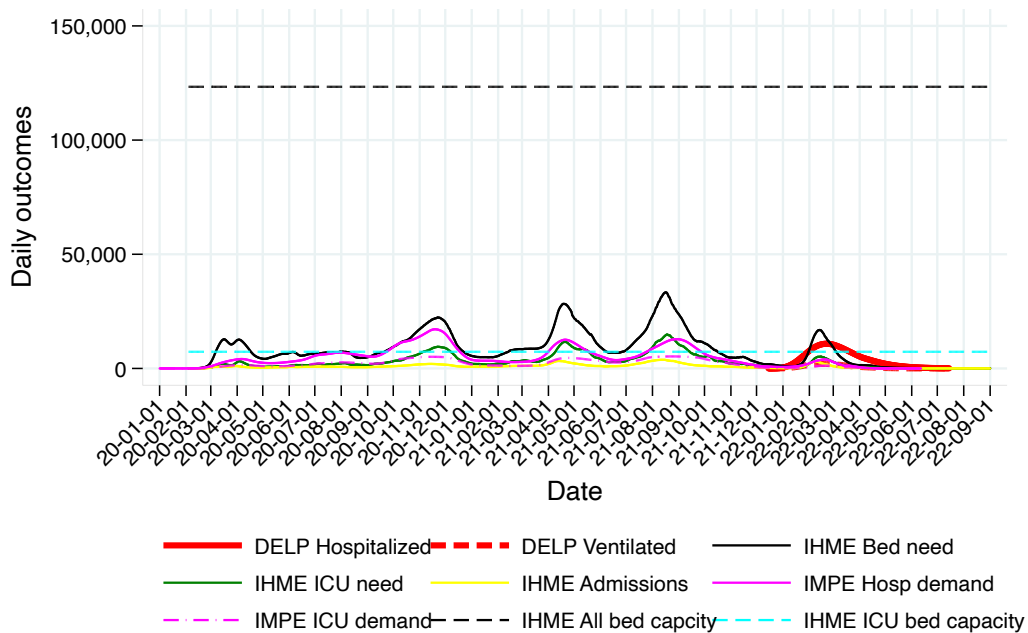
COVID-19 daily CFR or IFR, Iran

2021 on, reference scenarios

Legend:
- JOHN CFR
- DELP CFR
- IHME IFR
- IMPE IFR
- SRIV CFR

COVID-19 daily hospital-related outcomes Iran

COVID-19 daily hospital-related outcomes Iran

Legend:
- DELP Hospitalized
- DELP Ventilated
- IHME Bed need
- IHME ICU need
- IHME Admissions
- IMPE Hosp demand
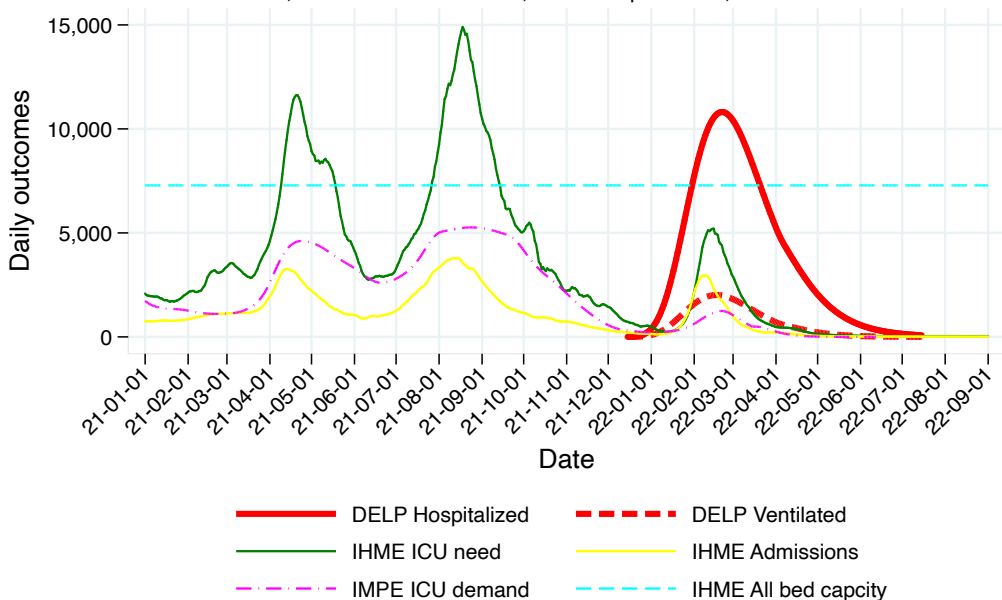- IMPE ICU demand
- IHME All bed capcity
- IHME ICU bed capacity

X-axis: Date
Y-axis: Daily outcomes

COVID-19 daily hospital-related outcomes Iran

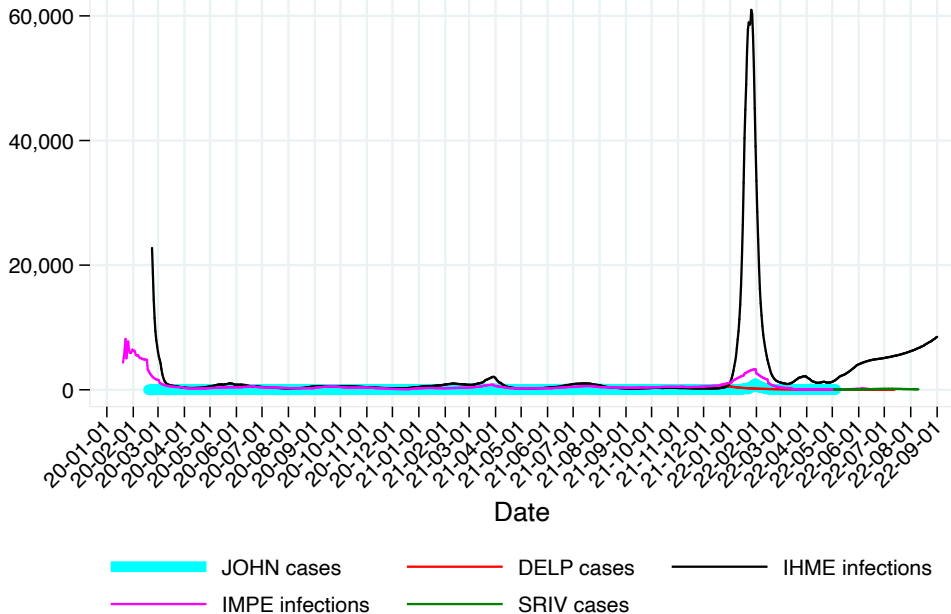2021 on, without IHME Bed need, IMPE Hosp demand, reference scenarios

- Uncertainty limits: dashed curves.

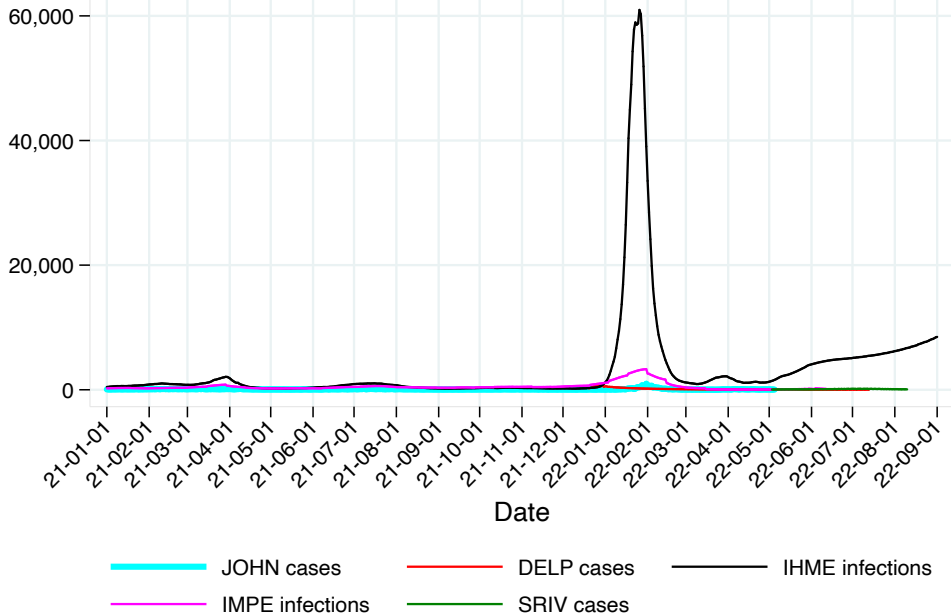COVID-19 daily cases or infections, to deaths, Iran

reference scenarios

Daily cases or infections to deaths
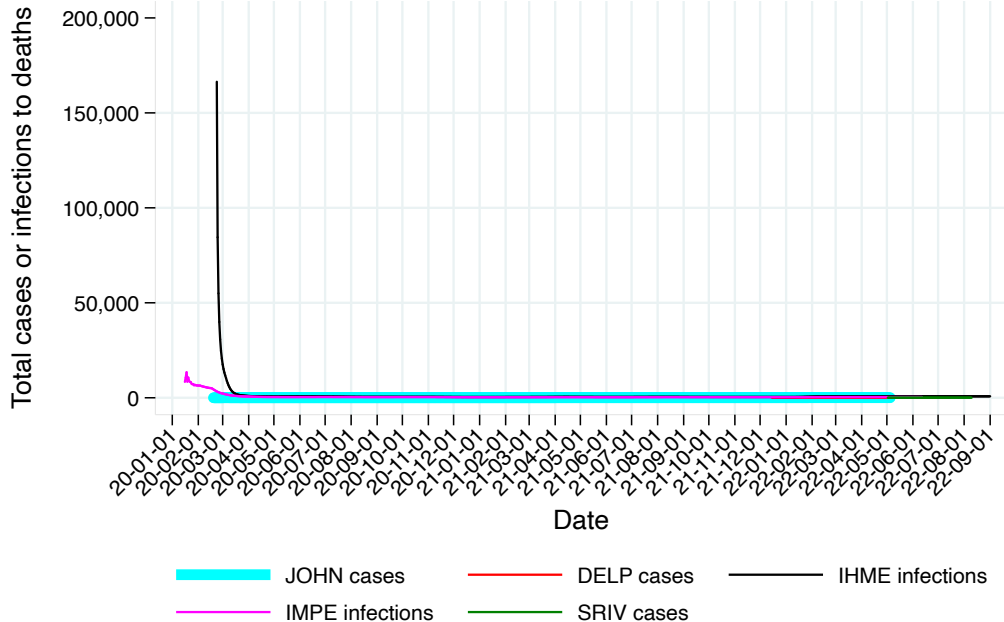
JOHN cases   DELP cases   IHME infections
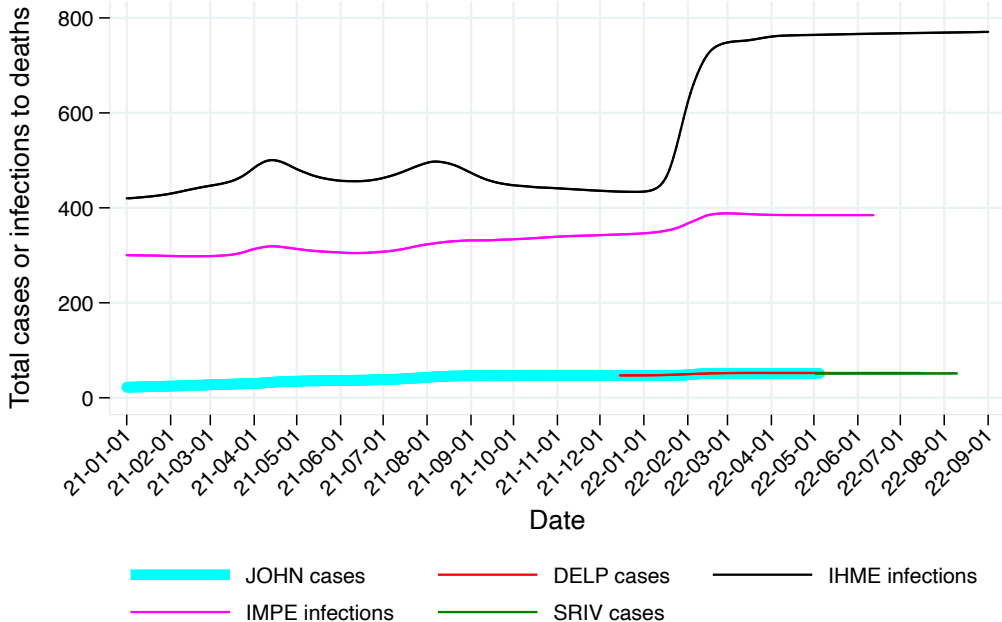
IMPE infections   SRIV cases

COVID-19 daily cases or infections, to deaths, Iran

2021 on, reference scenarios

COVID-19 total cases or infections, to deaths, Iran

reference scenarios

Total cases or infections to deaths (y-axis)
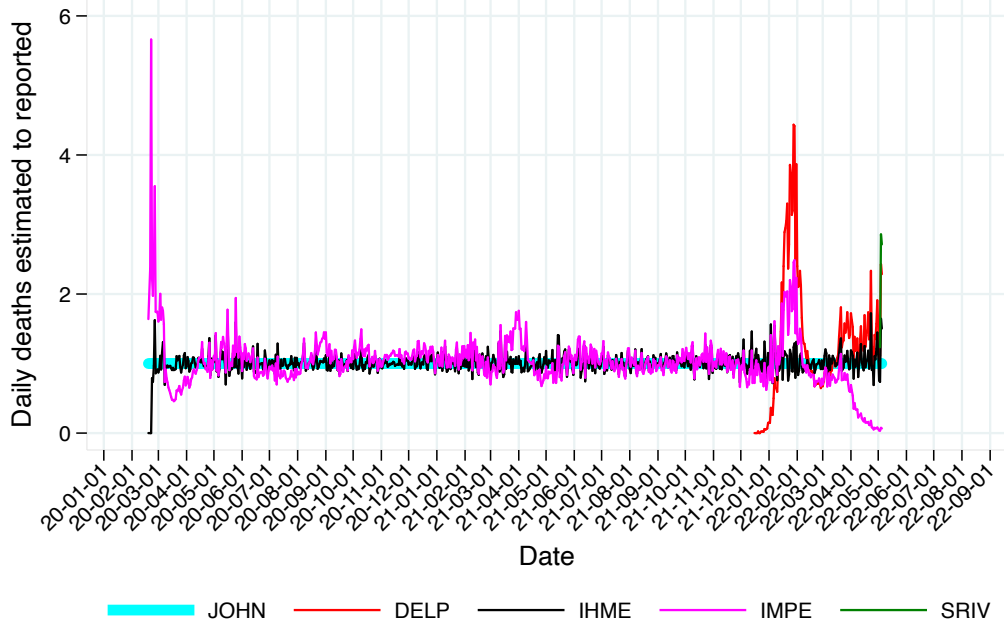
Date (x-axis)

Legend: JOHN cases, DELP cases, IHME infections, IMPE infections, SRIV cases

COVID-19 total cases or infections, to deaths, Iran

2021 on, reference scenarios

Legend:
- JOHN cases
- DELP cases
- IHME infections
- IMPE infections
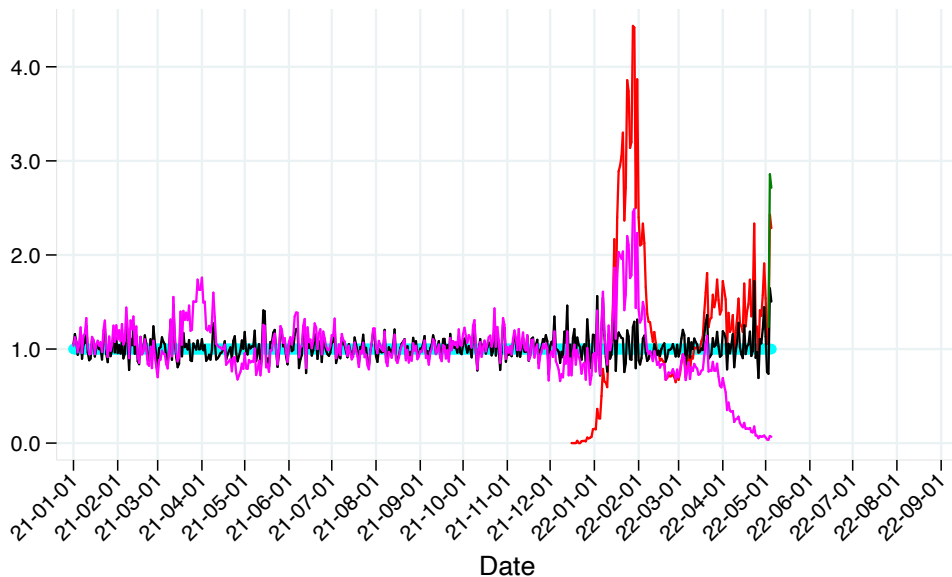- SRIV cases

X-axis: Date
Y-axis: Total cases or infections to deaths

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

Daily deaths estimated to reported

JOHN — DELP — IHME — IMPE — SRIV

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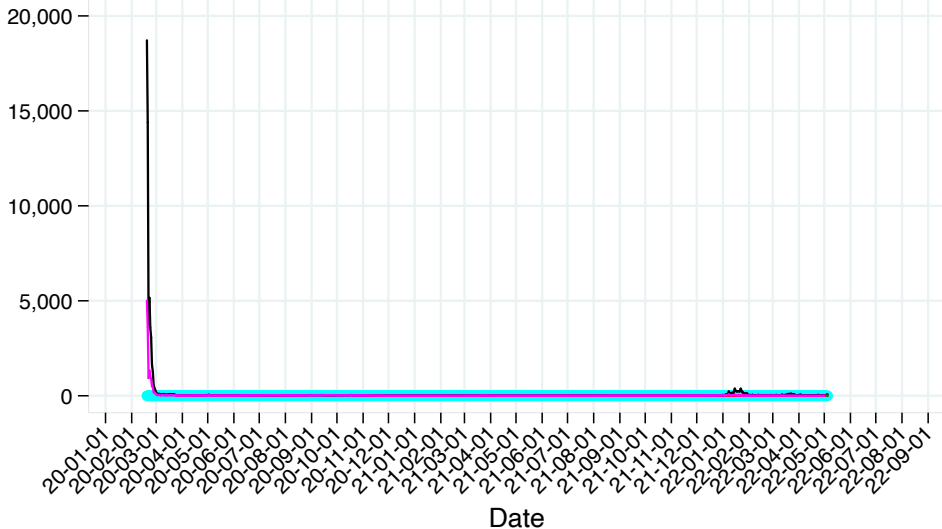
reference scenarios

JOHN   DELP   IHME   IMPE   SRIV

COVID-19 daily cases estimated to reported, Iran

daily cases or infections estimated, to reported cases; reference scenarios
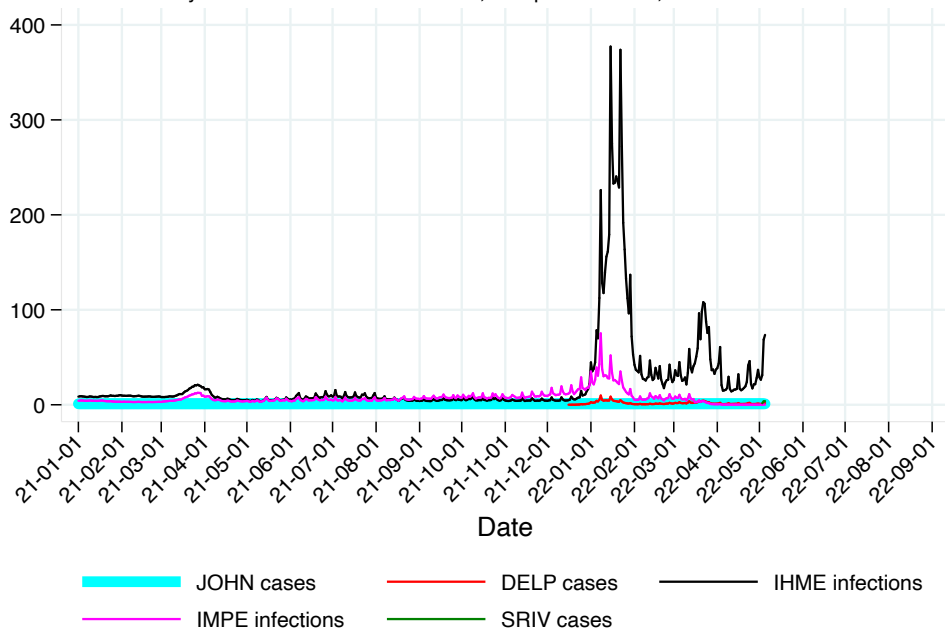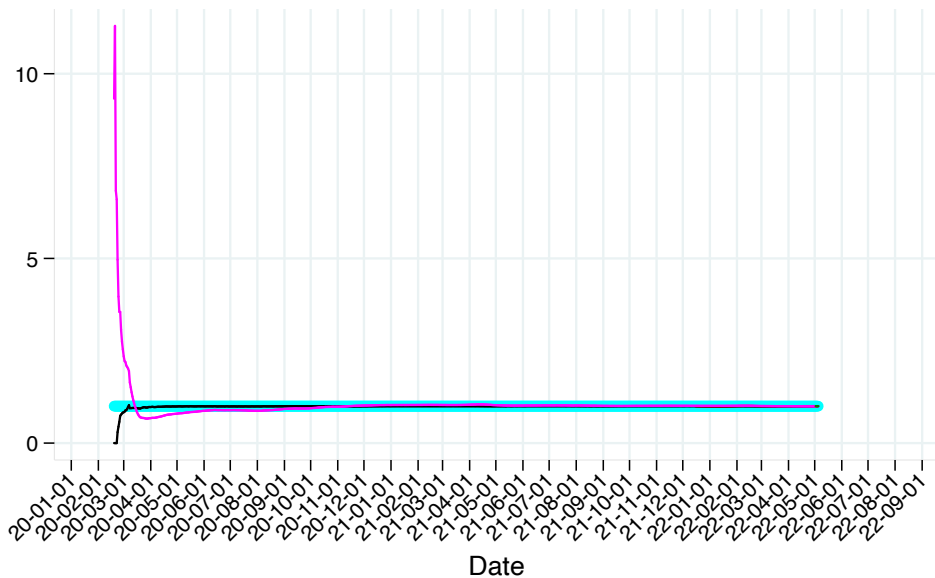
COVID-19 daily cases estimated to reported, Iran

daily cases or infections estimated, to reported cases; reference scenarios

JOHN cases
DELP cases
IHME infections
IMPE infections
SRIV cases

COVID-19 total deaths, estimated to reported, Iran

reference scenarios

COVID-19 total deaths, estimated to reported, Iran

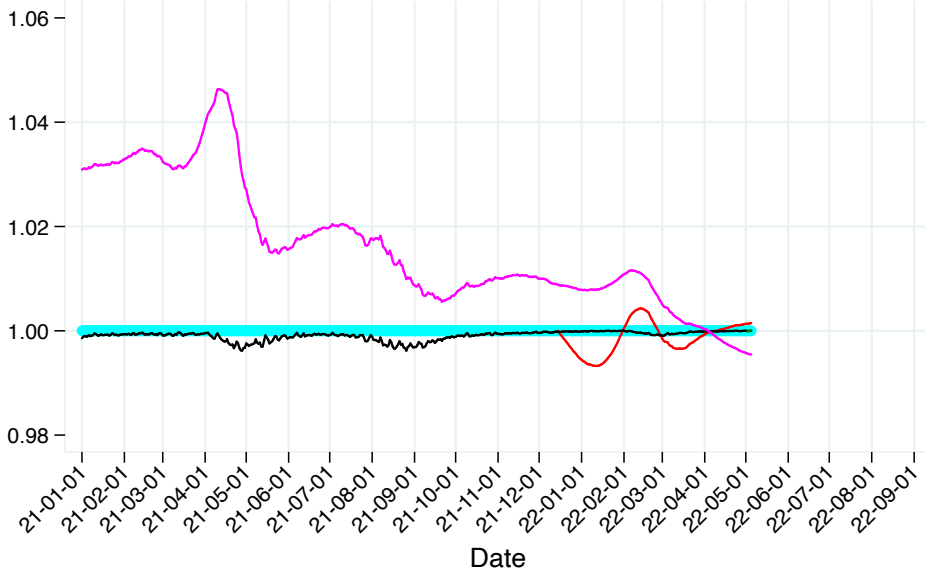reference scenarios
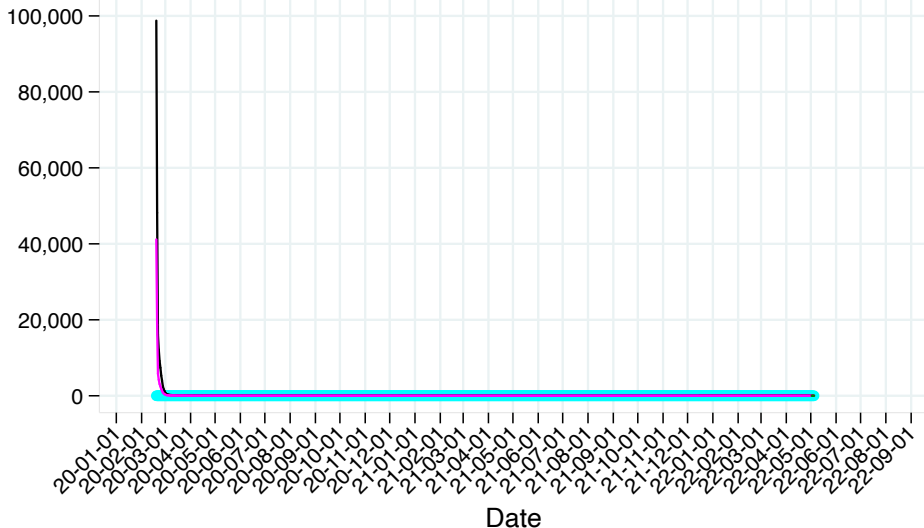
COVID-19 total cases estimated to reported, Iran

total cases or infections estimated, to reported cases; reference scenarios

JOHN cases   DELP cases   IHME infections

IMPE infections   SRIV cases

COVID-19 total cases estimated to reported, Iran

total cases or infections estimated, to reported cases; reference scenarios

Legend:
- JOHN cases
- IMPE infections
- DELP cases
- SRIV cases
- IHME infections
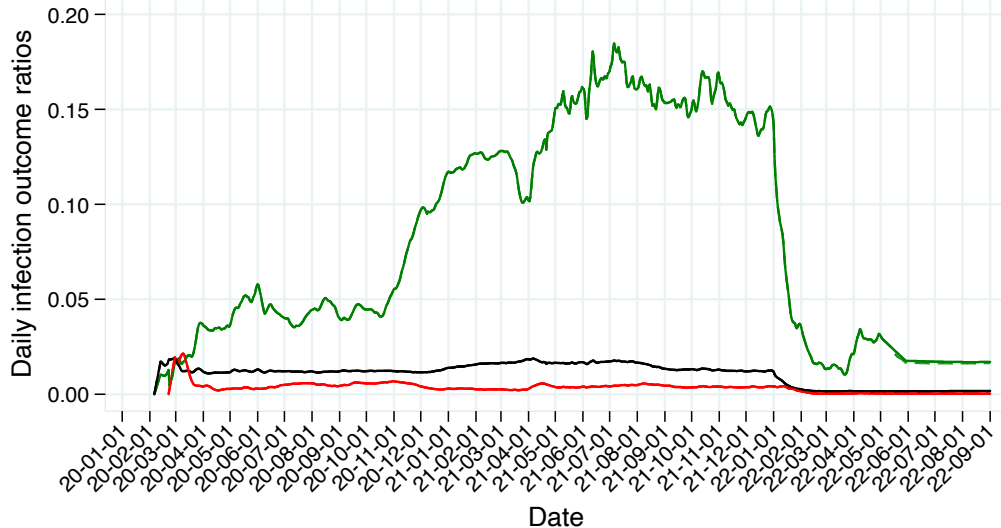
X-axis: Date
Y-axis: Total cases or infections estimated to reported
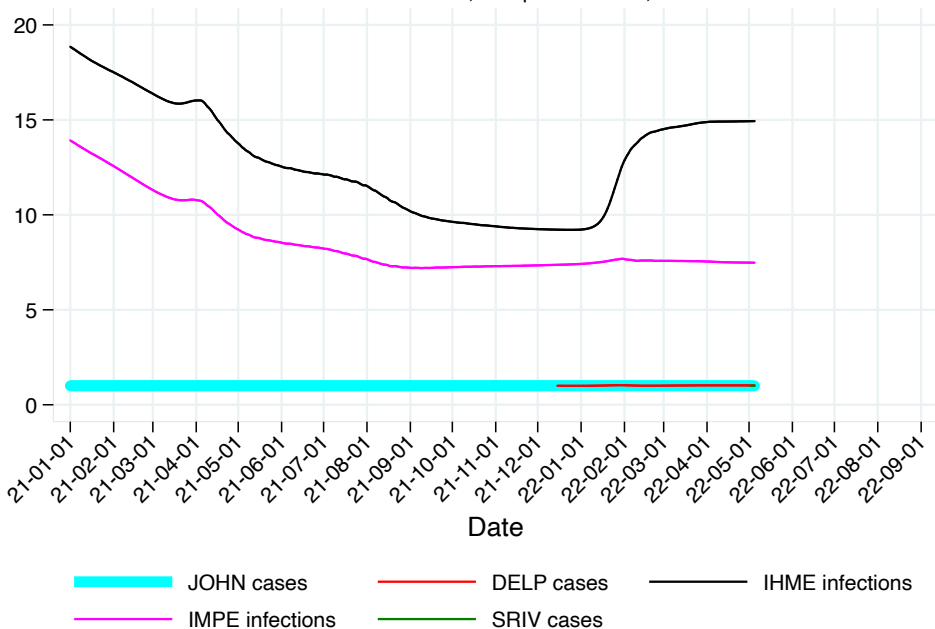
COVID-19 R effective, Iran, IHME, 2 scenarios
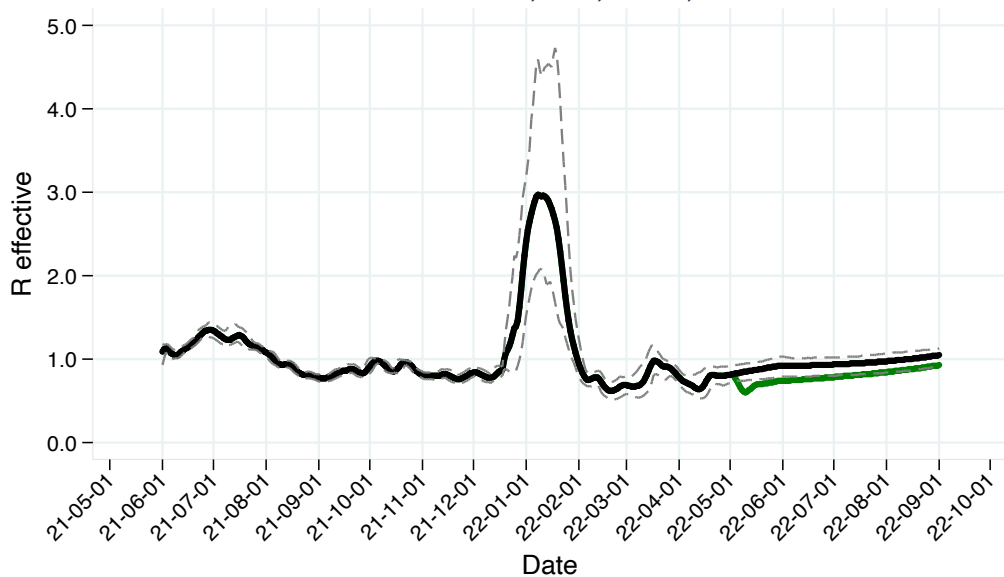
Uncertainty limits: dashed curves

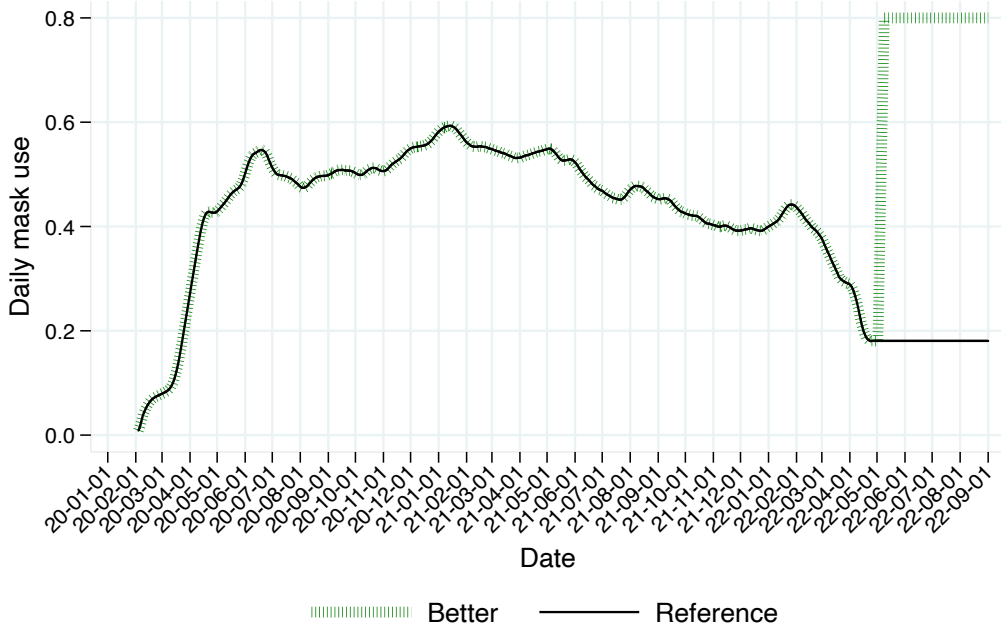COVID-19 daily infection outcome ratios, Iran, IHME, 2 scenarios

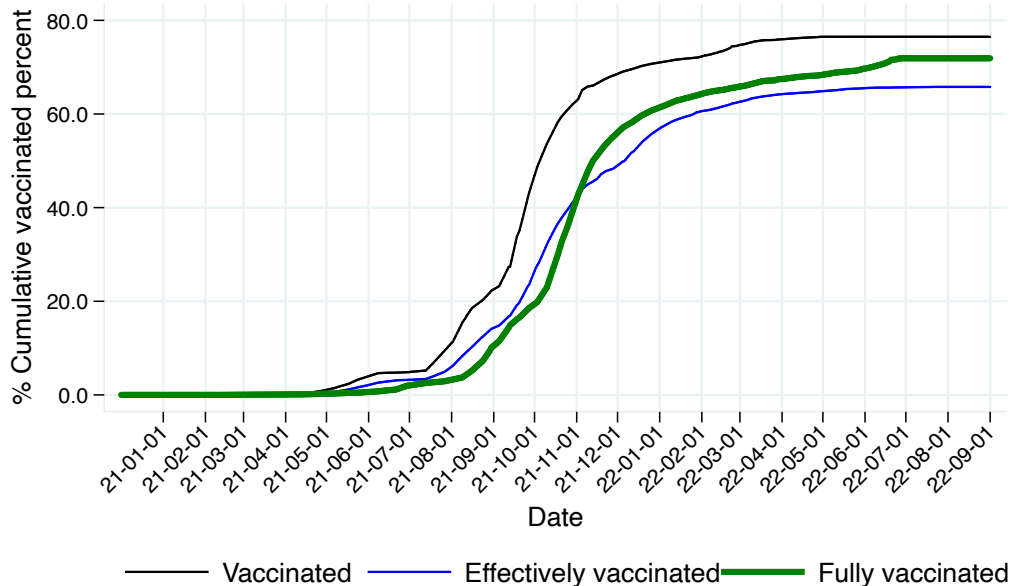Better scenario: dashed curves

COVID-19 daily % change in mobility, Iran, IHME, 2 scenarios

COVID-19 daily mask use, Iran, IHME, 2 scenarios

Percent of population reporting always wearing a mask when leaving home
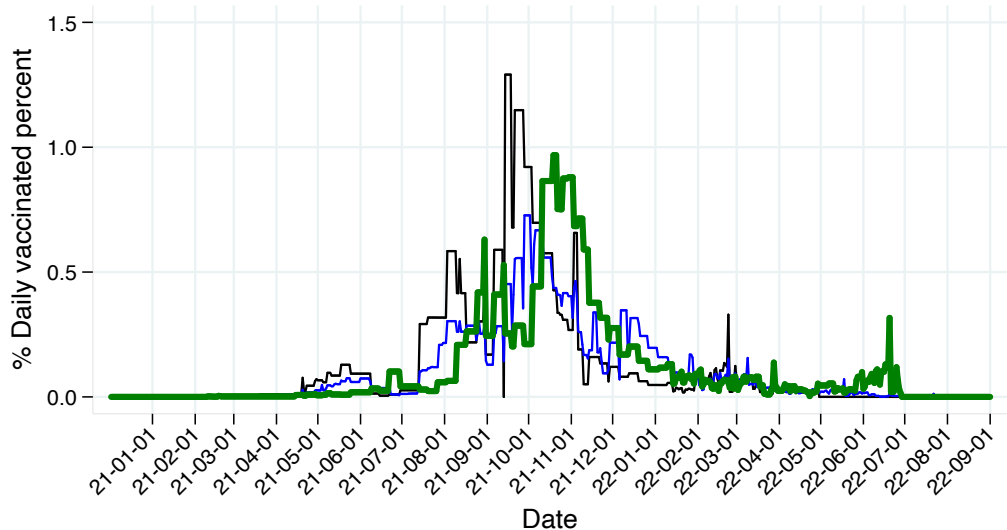
Better — Reference

COVID-19 cumulative vaccinated percent, Iran, IHME, 2 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, Iran, IHME, 2 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 number, Iran, IHME, 2 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