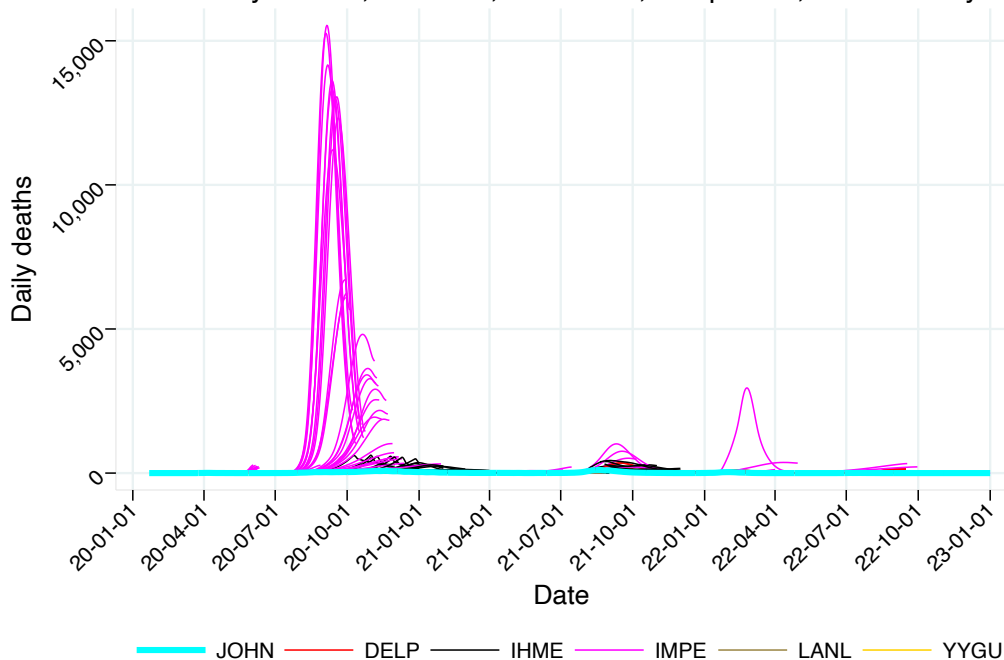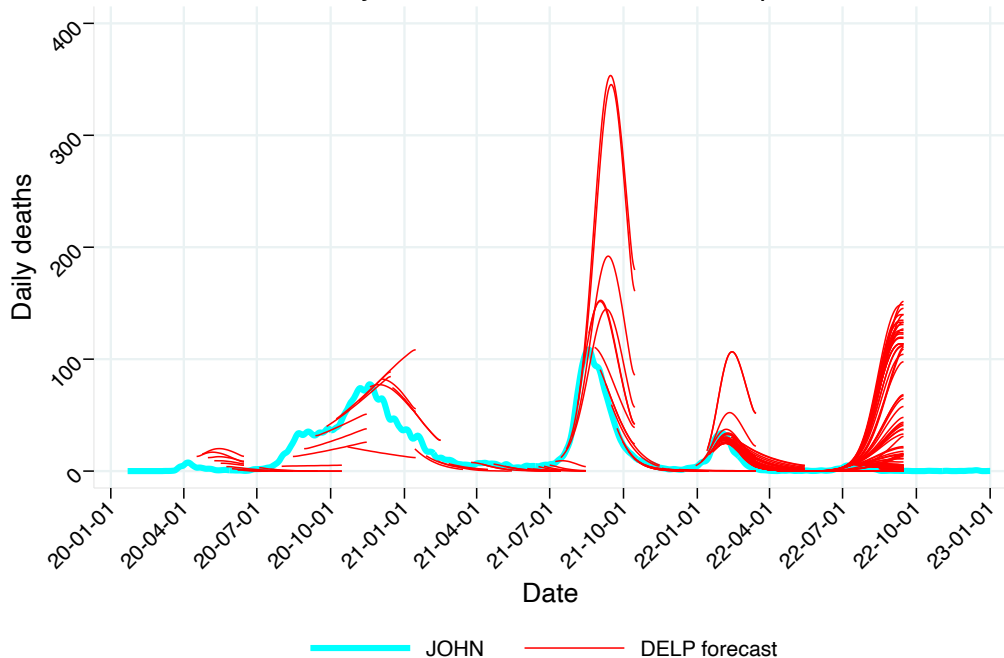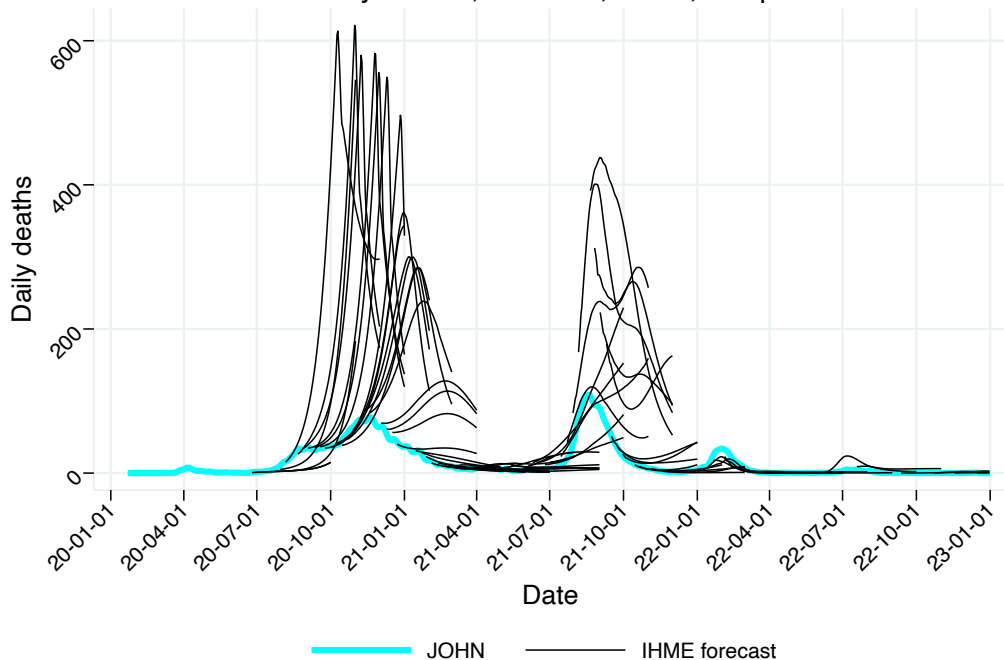C19 daily deaths, Morocco, all models, all updates, forecast only
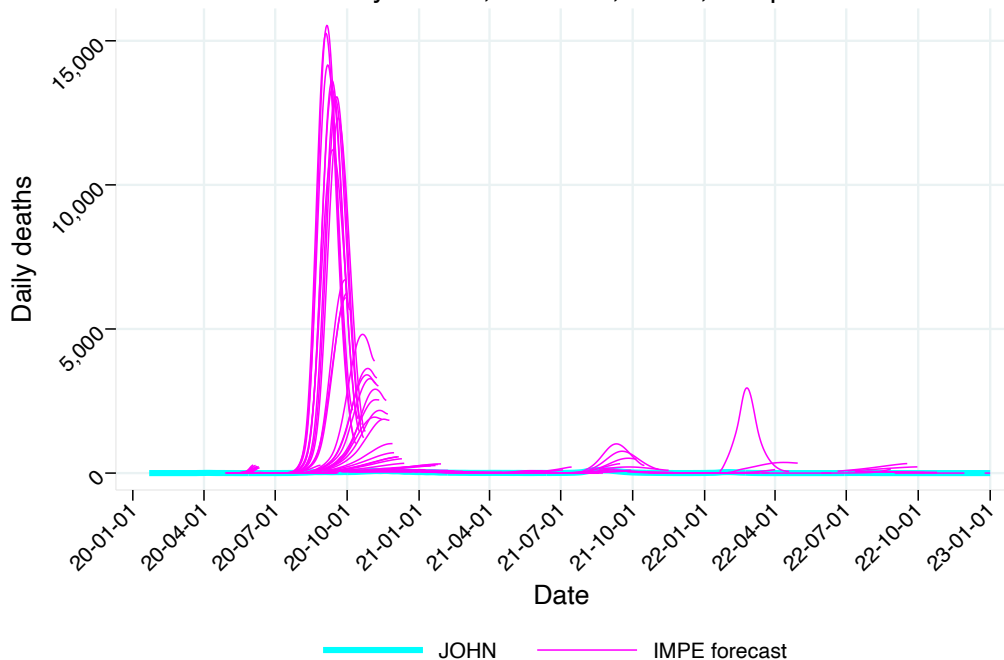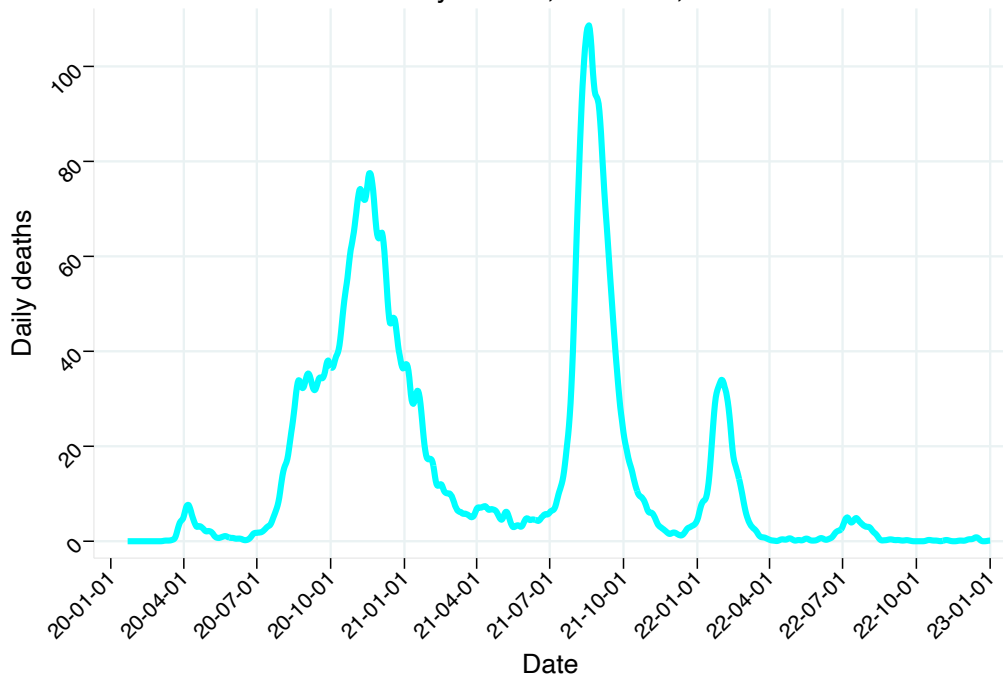
C19 daily deaths, Morocco, DELP, all updates

C19 daily deaths, Morocco, IHME, all updates
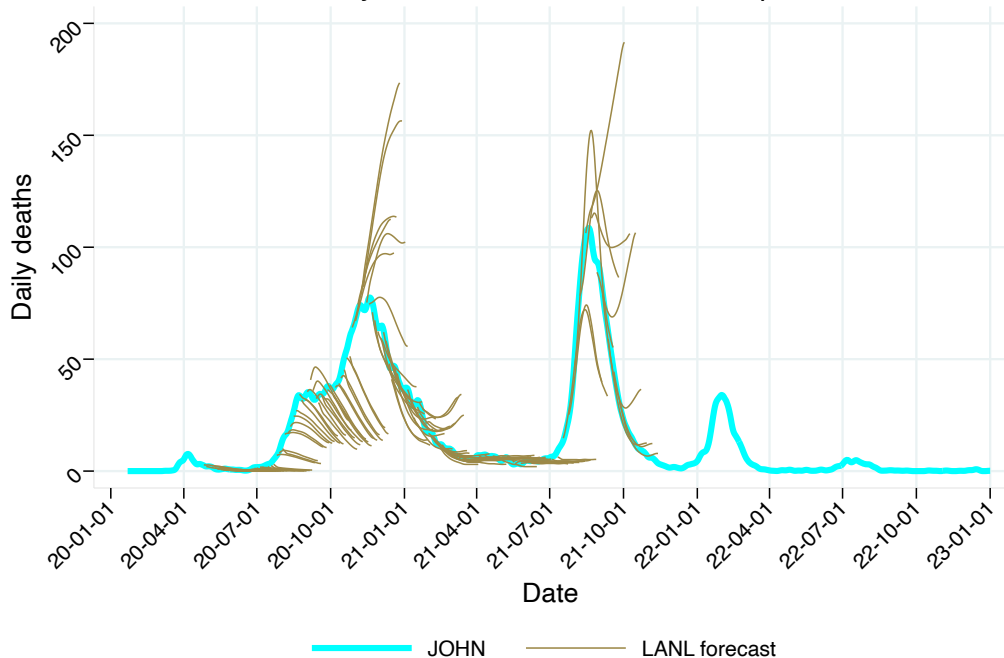
C19 daily deaths, Morocco, IMPE, all updates
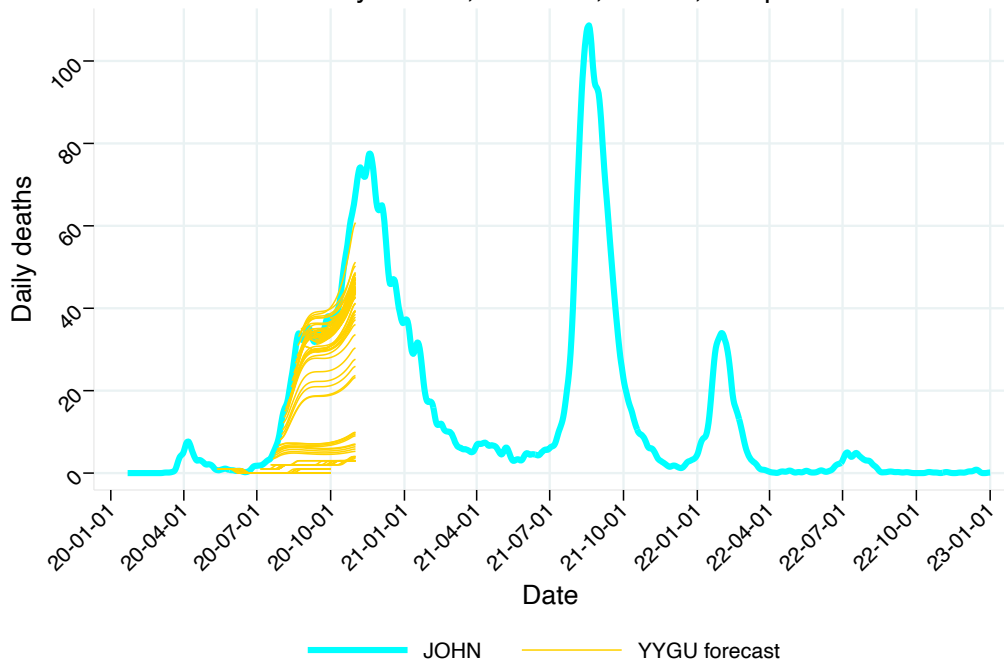

Daily deaths vs. Date

Legend: JOHN, IMPE forecast

C19 daily deaths, Morocco, JOHN

C19 daily deaths, Morocco, LANL, all updates

C19 daily deaths, Morocco, YYGU, all updates

C19 daily deaths error
Morocco, all Models, all updates, forecast only

Legend: DELP, IHME, IMPE, LANL, YYGU

Y-axis: Daily deaths error measure (0, 5,000, 10,000, 15,000)

X-axis: Date (20-01-01, 20-04-01, 20-07-01, 20-10-01, 21-01-01, 21-04-01, 21-07-01, 21-10-01, 22-01-01, 22-04-01, 22-07-01, 22-10-01, 23-01-01)
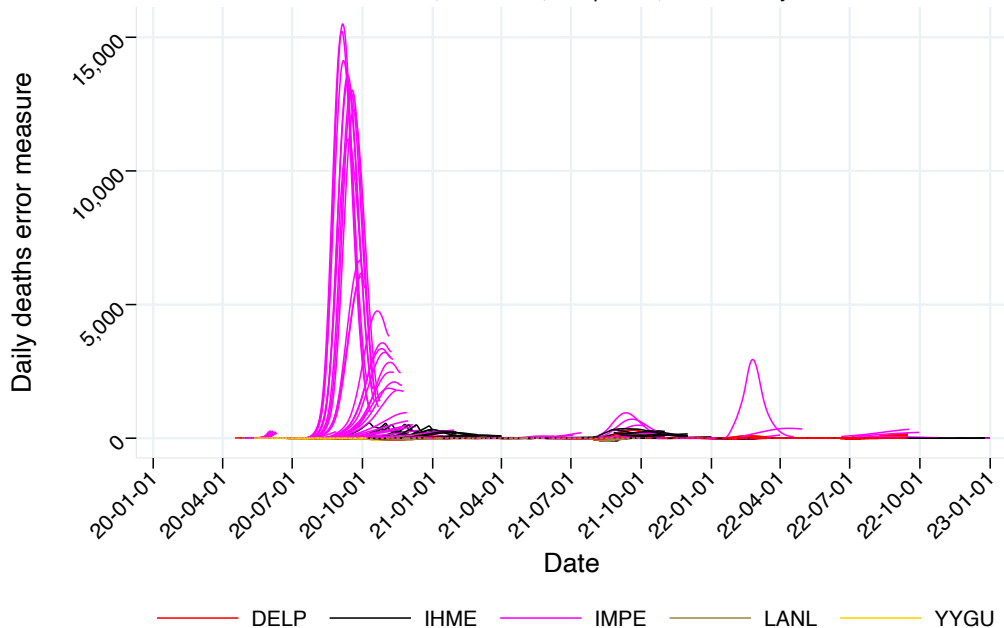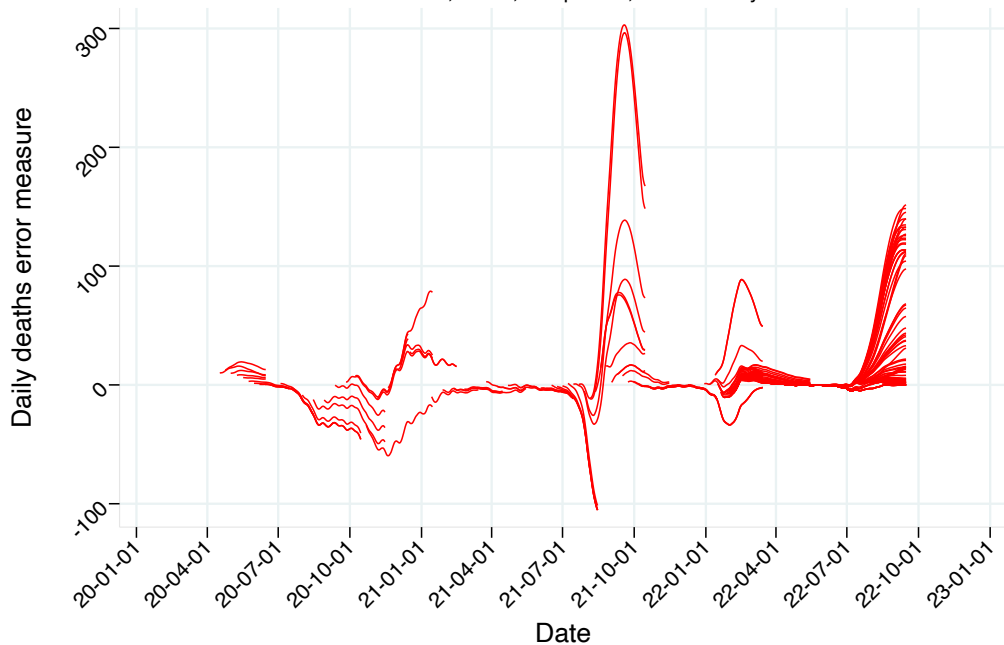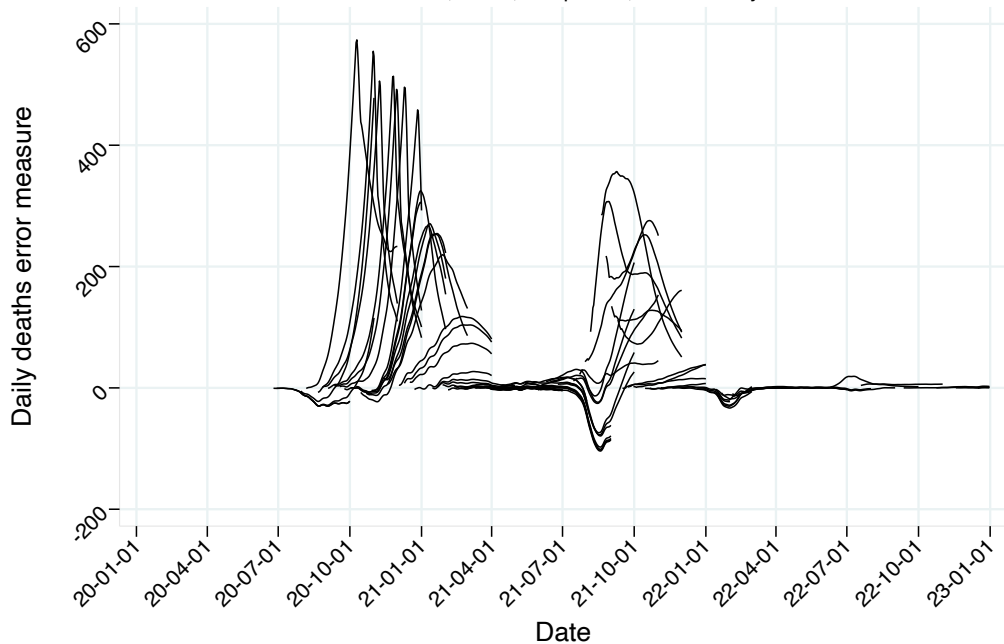
C19 daily deaths error
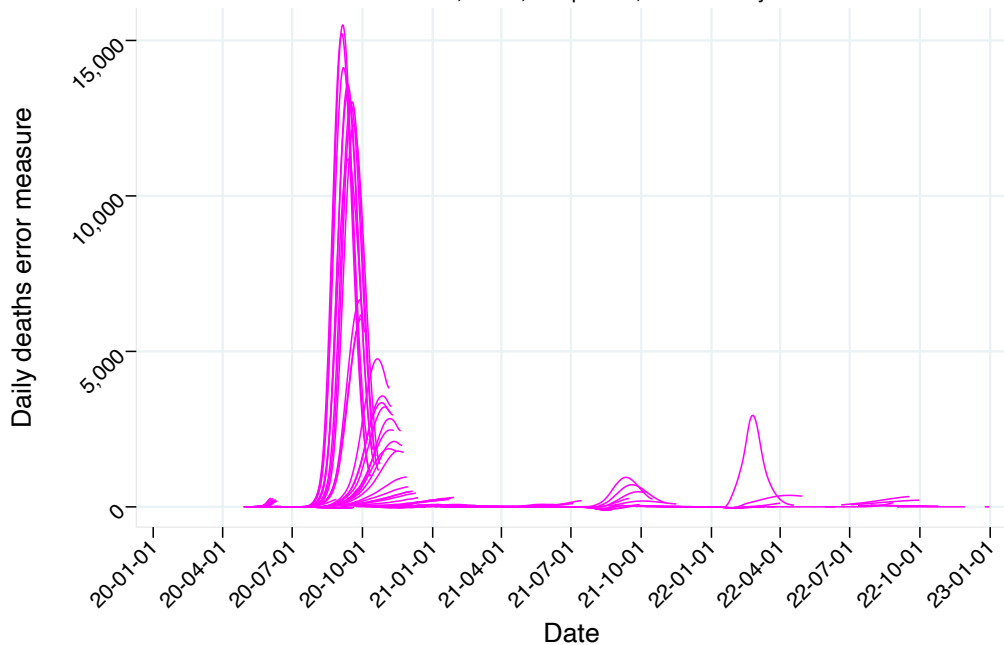
Morocco, DELP, all updates, forecast only

C19 daily deaths error
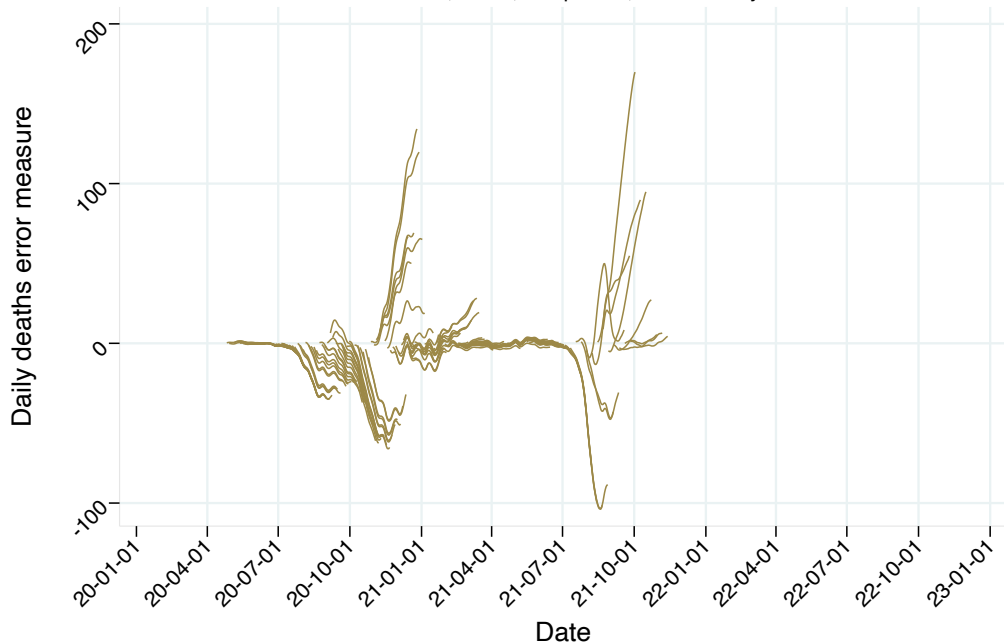
Morocco, IHME, all updates, forecast only

C19 daily deaths error
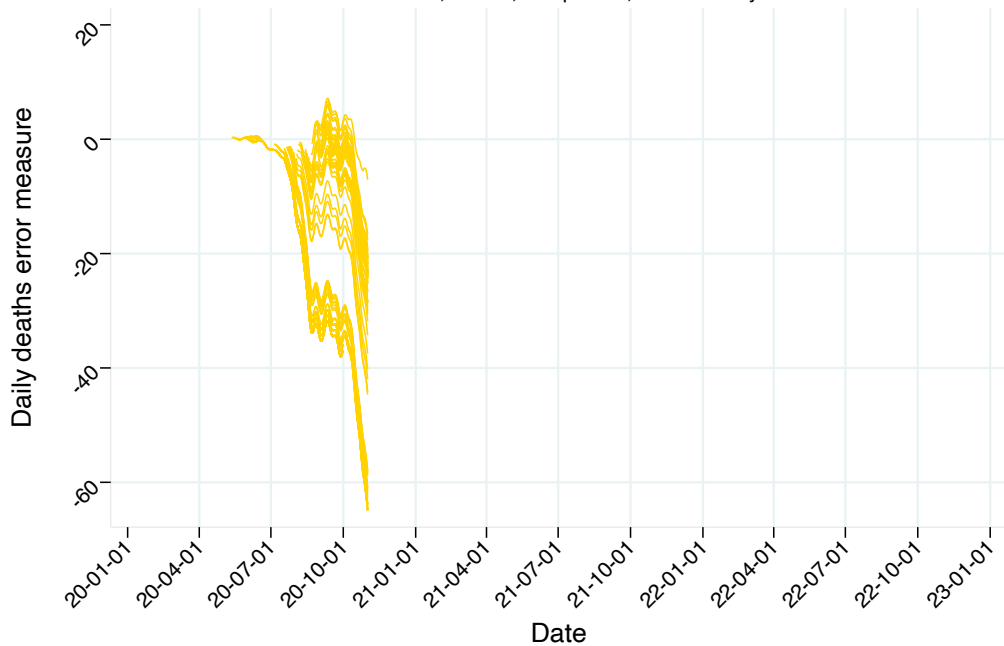
Morocco, IMPE, all updates, forecast only

C19 daily deaths error

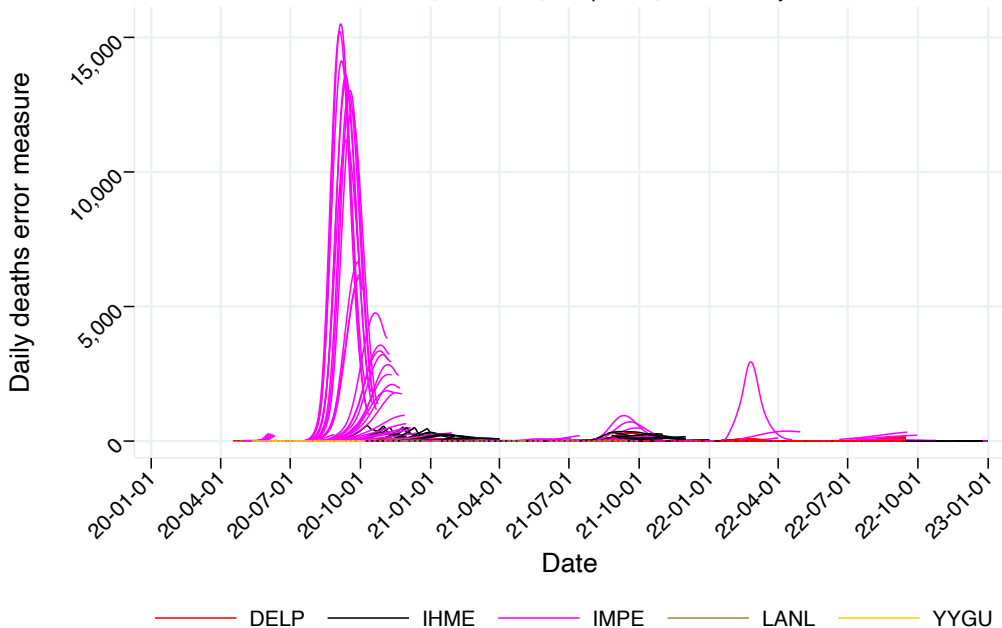Morocco, LANL, all updates, forecast only

C19 daily deaths error

Morocco, YYGU, all updates, forecast only

C19 daily deaths absolute error

Morocco, all Models, all updates, forecast only

DELP — IHME — IMPE — LANL — YYGU

C19 daily deaths absolute error

Morocco, DELP, all updates, forecast only

C19 daily deaths absolute error

Morocco, IHME, all updates, forecast only

C19 daily deaths absolute error

Morocco, IMPE, all updates, forecast only
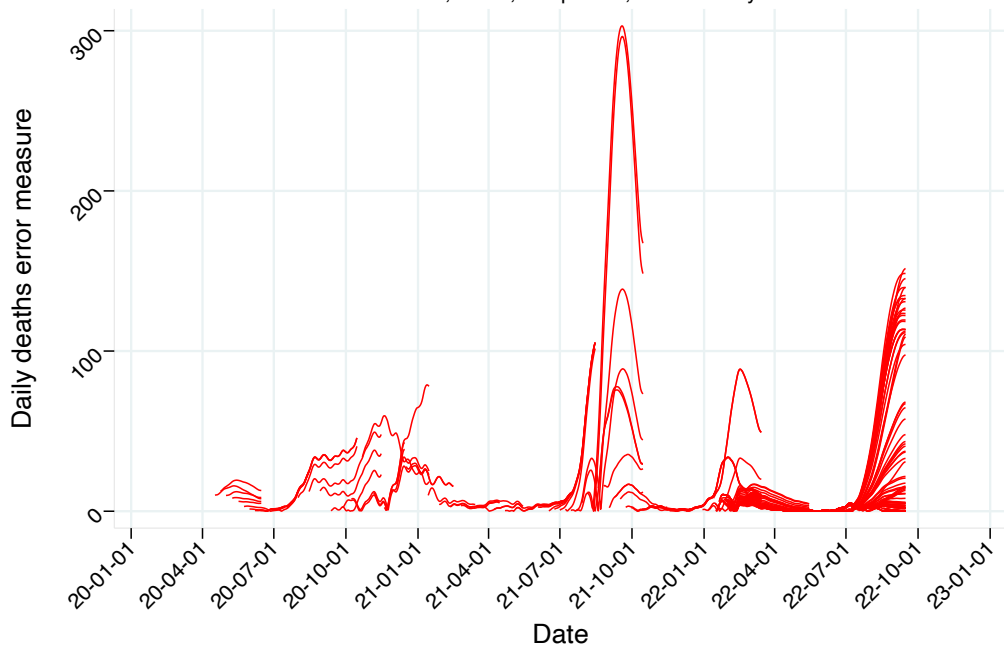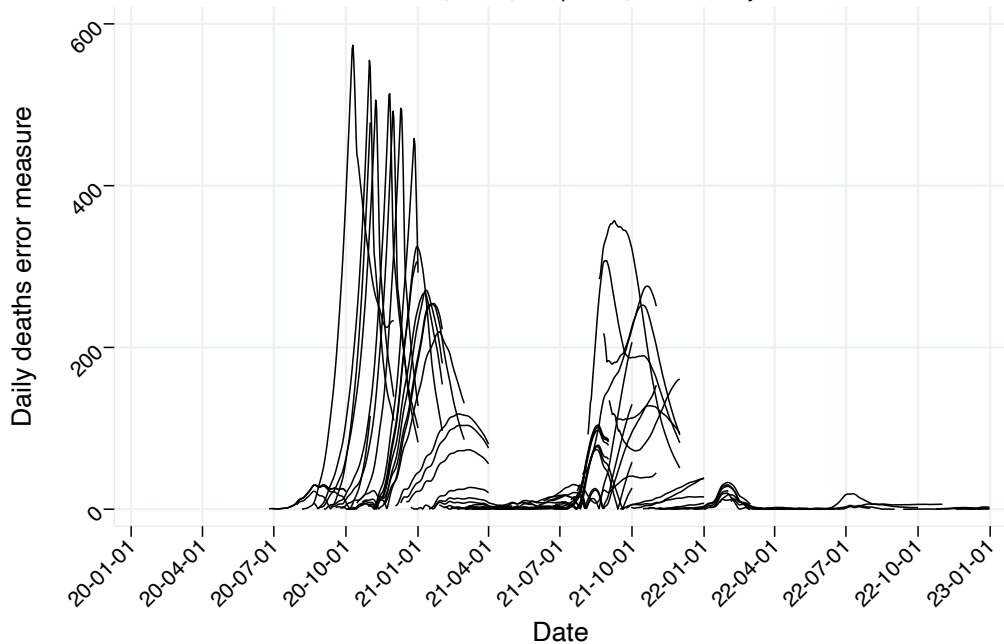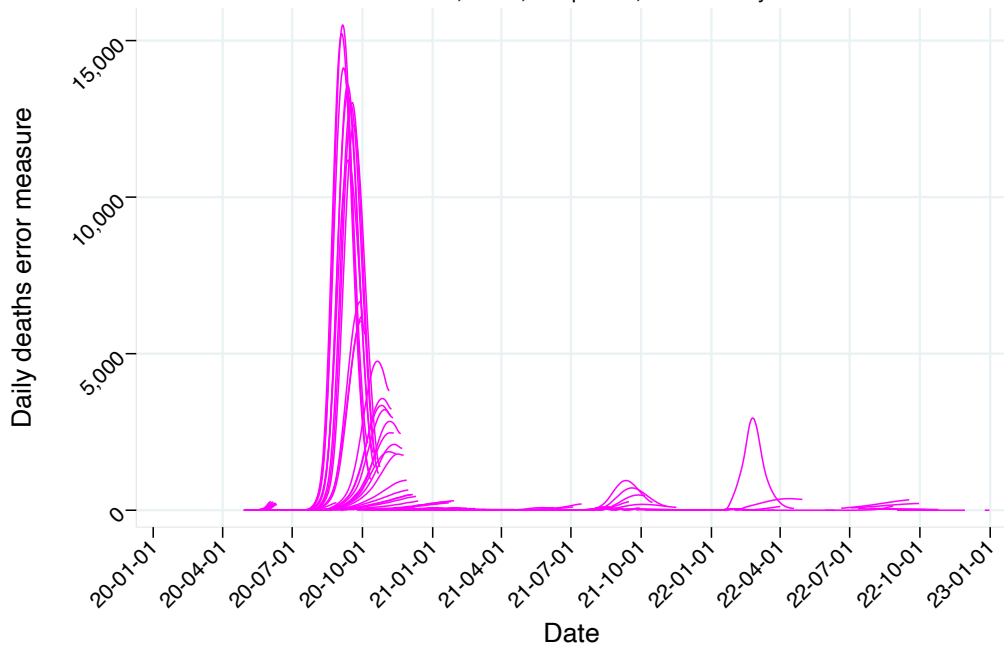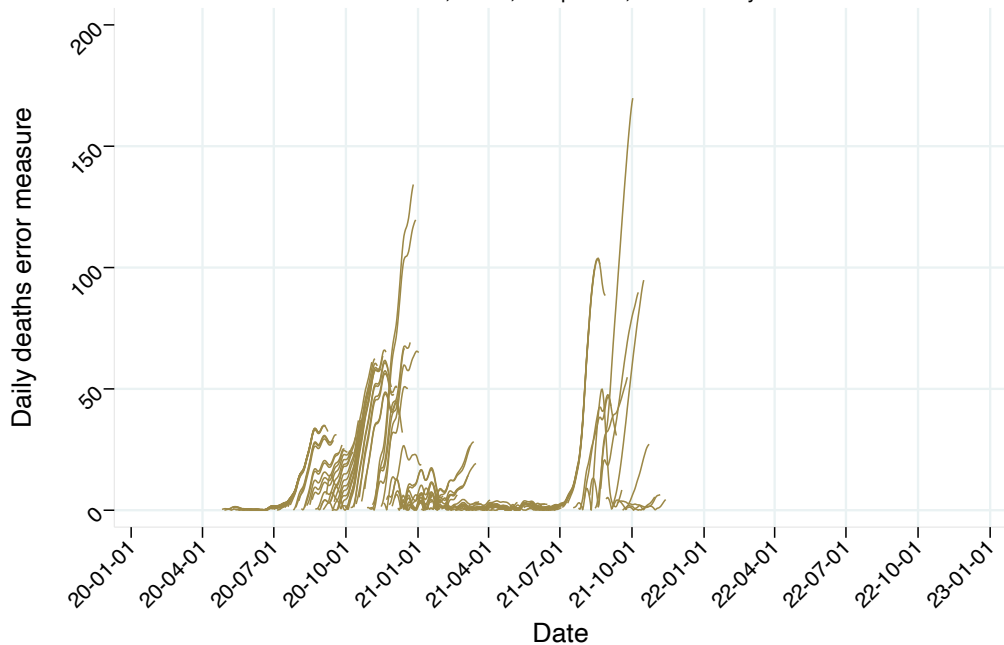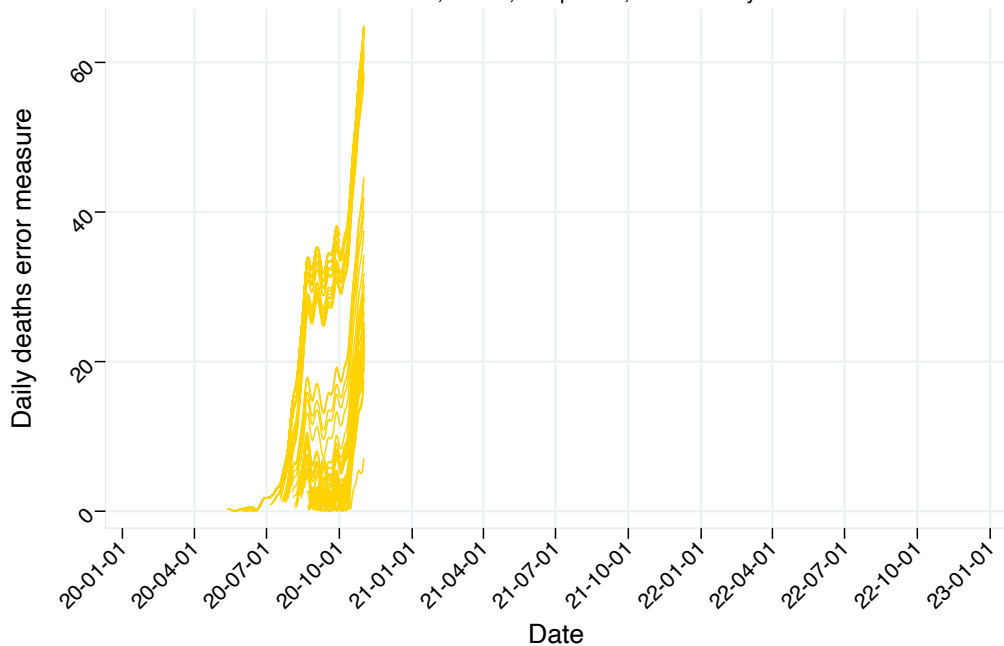
C19 daily deaths absolute error

Morocco, LANL, all updates, forecast only
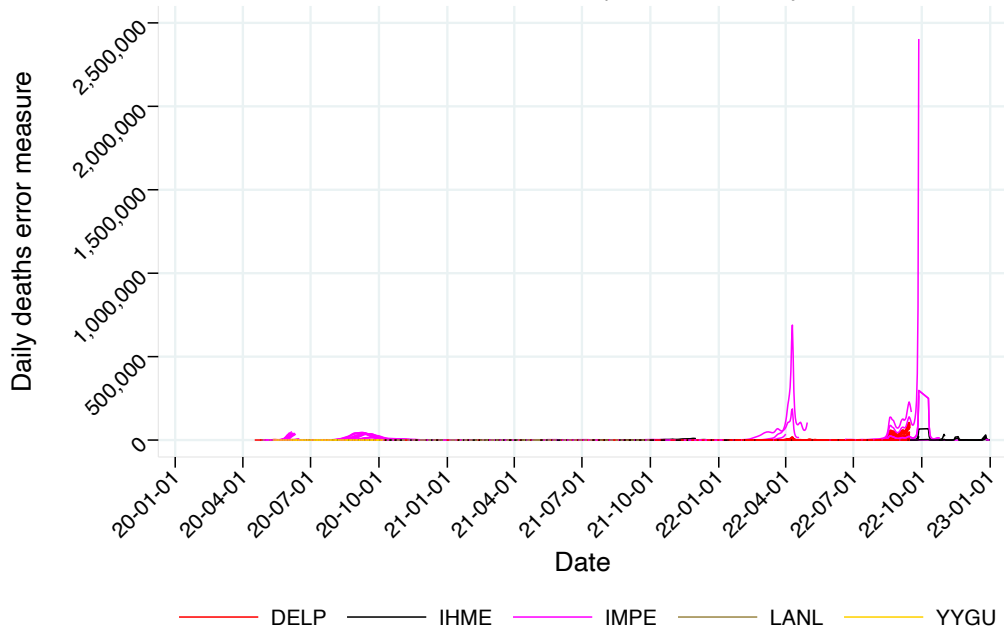
C19 daily deaths absolute error

Morocco, YYGU, all updates, forecast only

C19 daily deaths percent error

Morocco, all Models, all updates, forecast only

Date

Daily deaths error measure

DELP — IHME — IMPE — LANL — YYGU

C19 daily deaths percent error
Morocco, DELP, all updates, forecast only

C19 daily deaths percent error

Morocco, IHME, all updates, forecast only

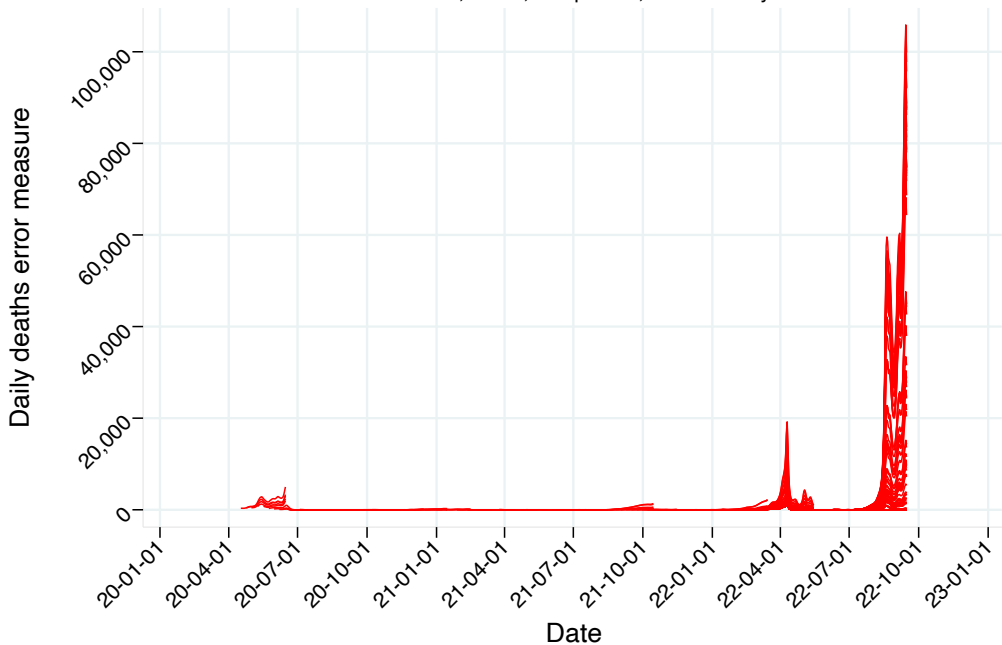# C19 daily deaths percent error
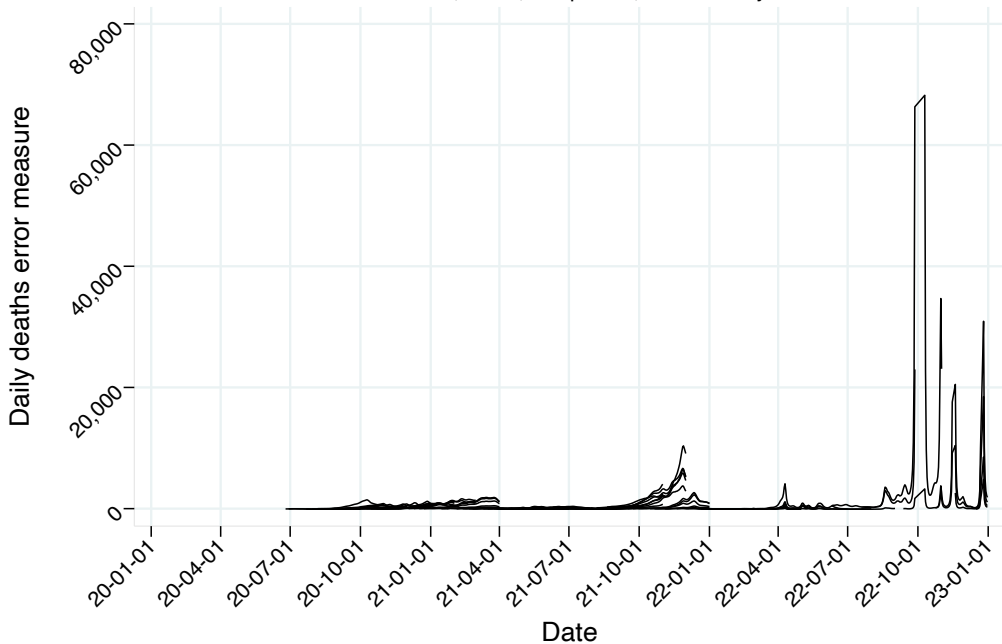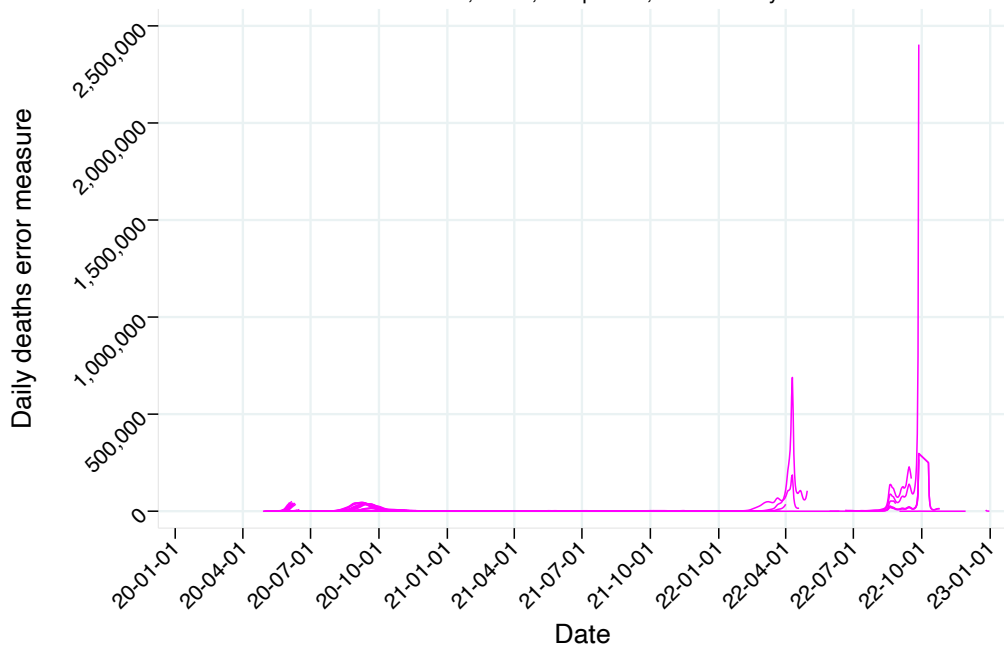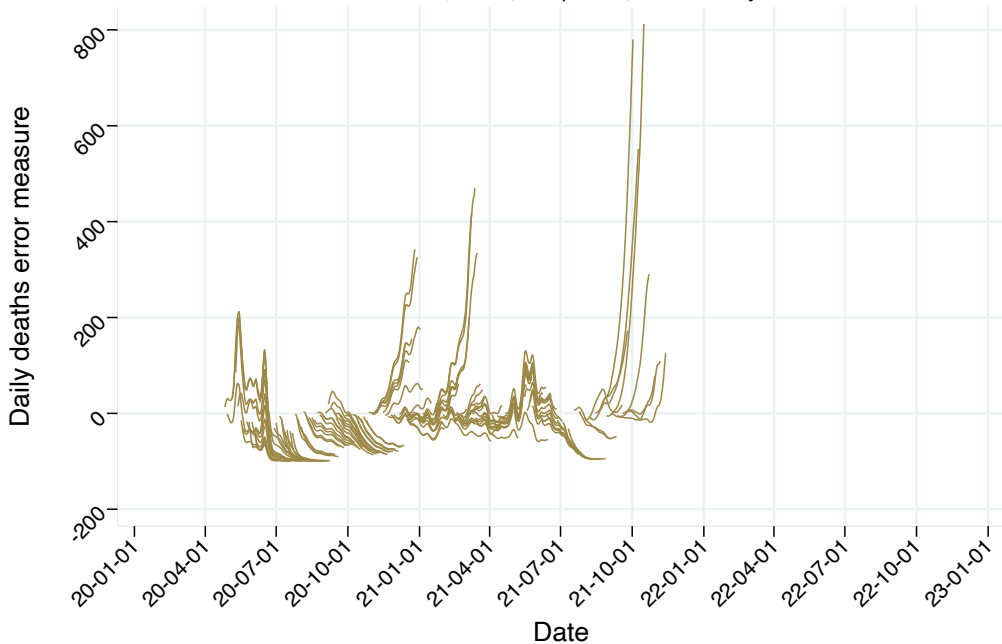
Morocco, IMPE, all updates, forecast only

C19 daily deaths percent error

Morocco, LANL, all updates, forecast only

C19 daily deaths percent error

Morocco, YYGU, all updates, forecast only

C19 daily deaths absolute percent error

Morocco, ALL MODELS, all updates, forecast only

| DELP | IHME | IMPE | LANL | YYGU |

C19 daily deaths absolute percent error

Morocco, DELP, all updates, forecast only

C19 daily deaths absolute percent error

Morocco, IHME, all updates, forecast only

C19 daily deaths absolute percent error

Morocco, IMPE, all updates, forecast only

C19 daily deaths absolute percent error
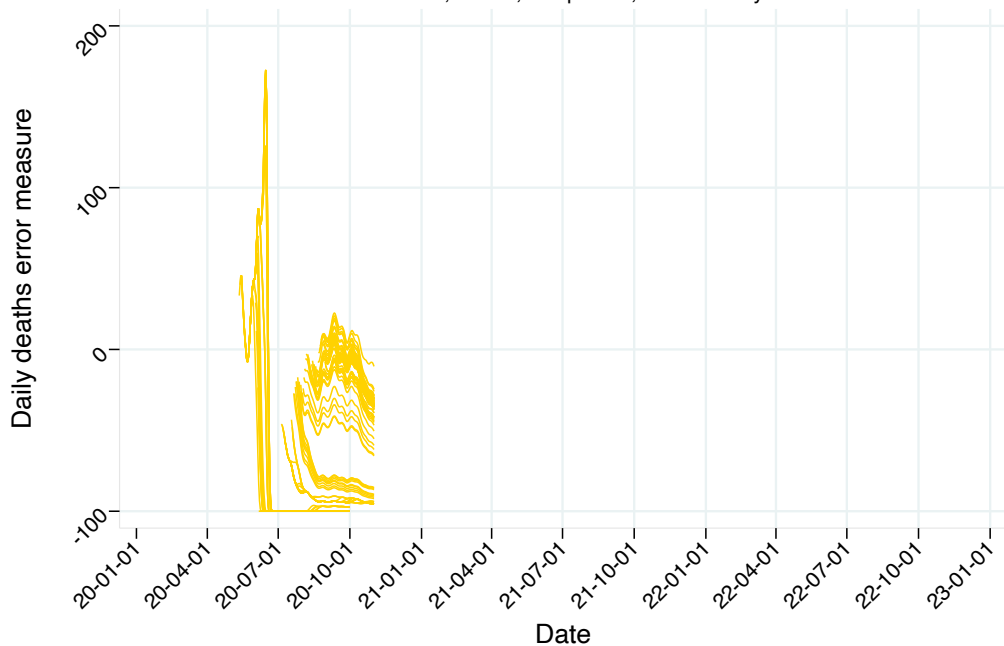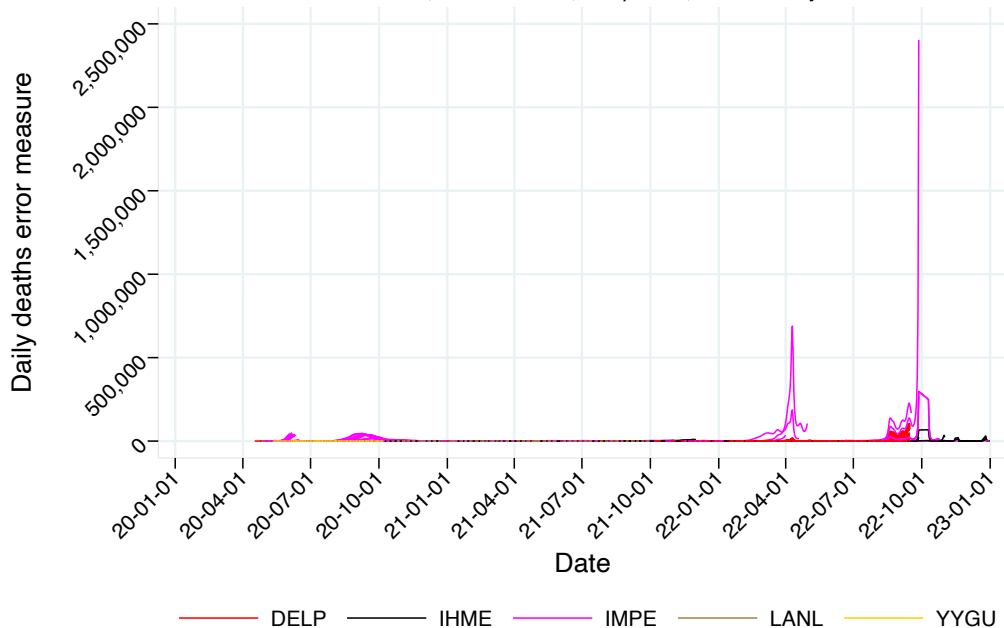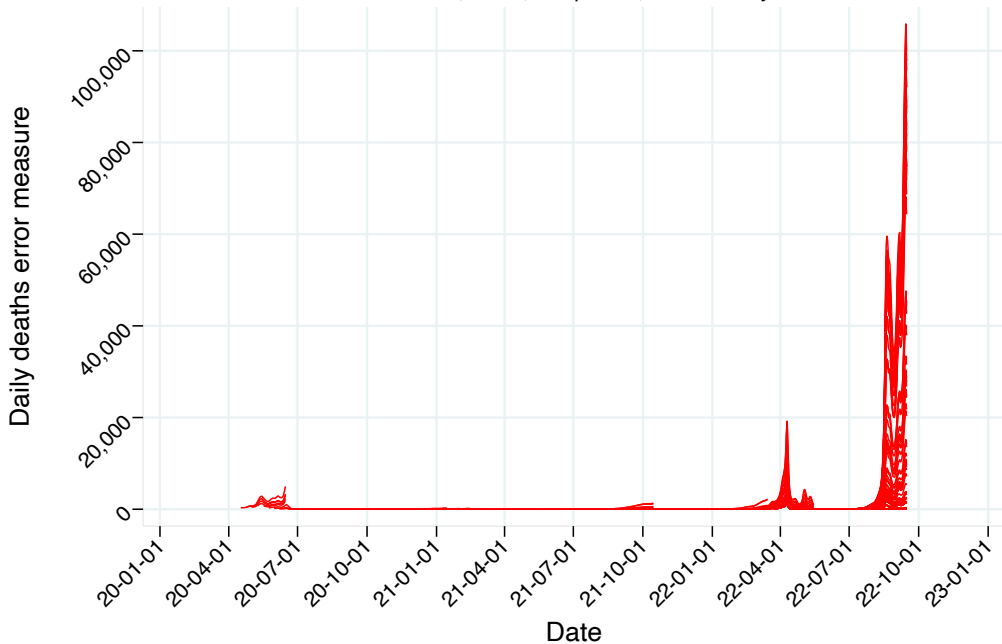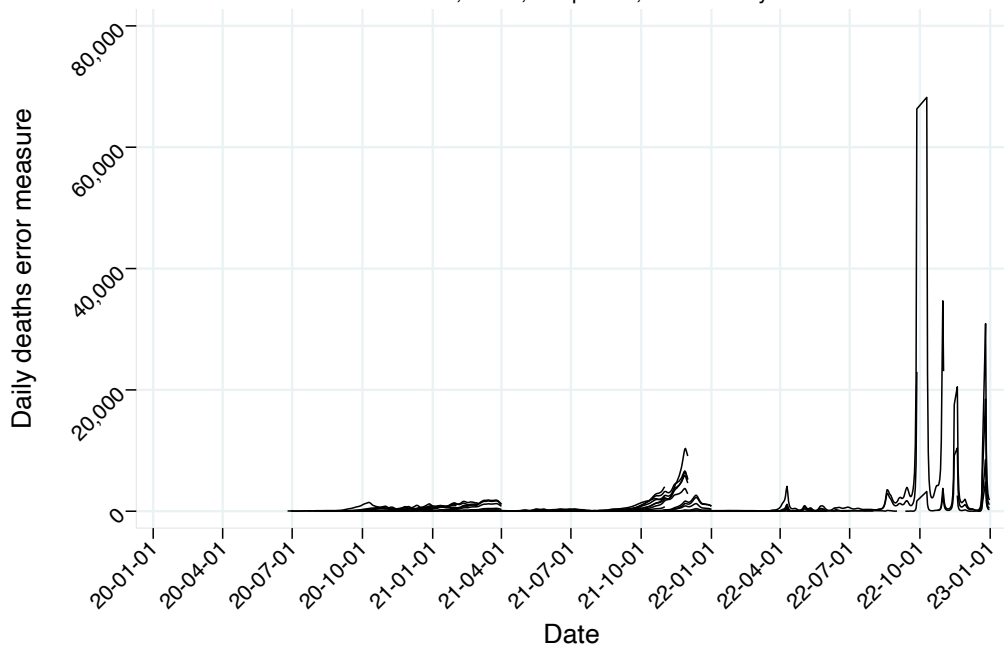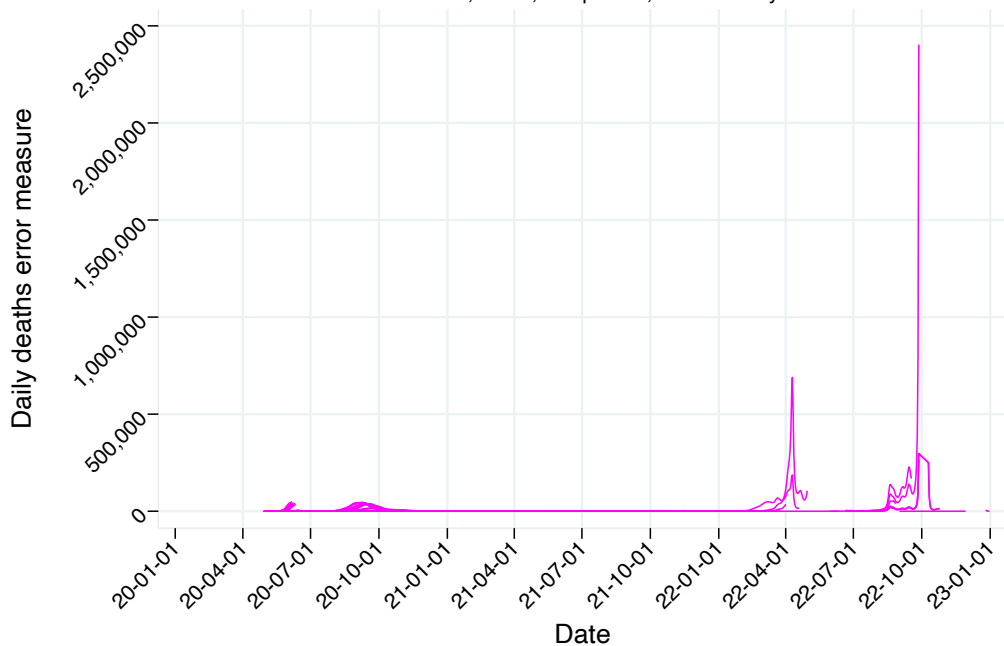
Morocco, LANL, all updates, forecast only

C19 daily deaths absolute percent error

Morocco, YYGU, all updates, forecast only

C19 daily deaths, average median error

Morocco, DELP, forecast only

C19 daily deaths, average median error

Morocco, IHME, forecast only

C19 daily deaths, average median error

Morocco, IMPE, forecast only

C19 daily deaths, average median error

Morocco, LANL, forecast only

C19 daily deaths, average median error

Morocco, YYGU, forecast only

C19 daily deaths, average median error

Morocco, all Models, forecast only

Legend: DELP, IHME, IMPE, LANL, YYGU

C19 daily deaths, average median error

Morocco, all Models, forecast only; smoothed for better viewing

DELP   IHME   IMPE   LANL   YYGU

C19 daily deaths, average median absolute error

Morocco, DELP, forecast only

C19 daily deaths, average median absolute error

Morocco, IHME, forecast only

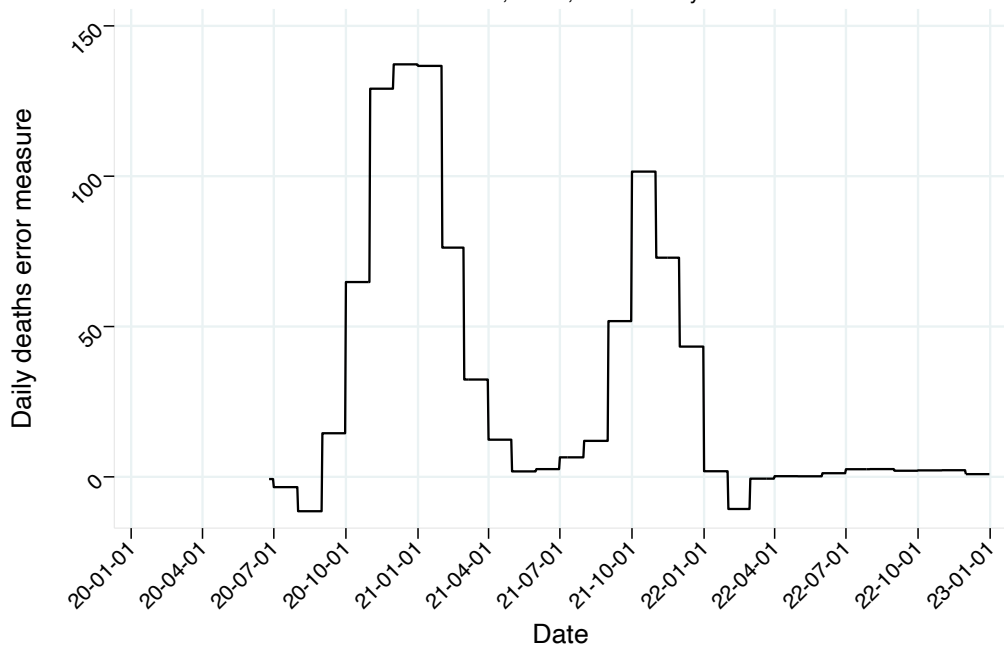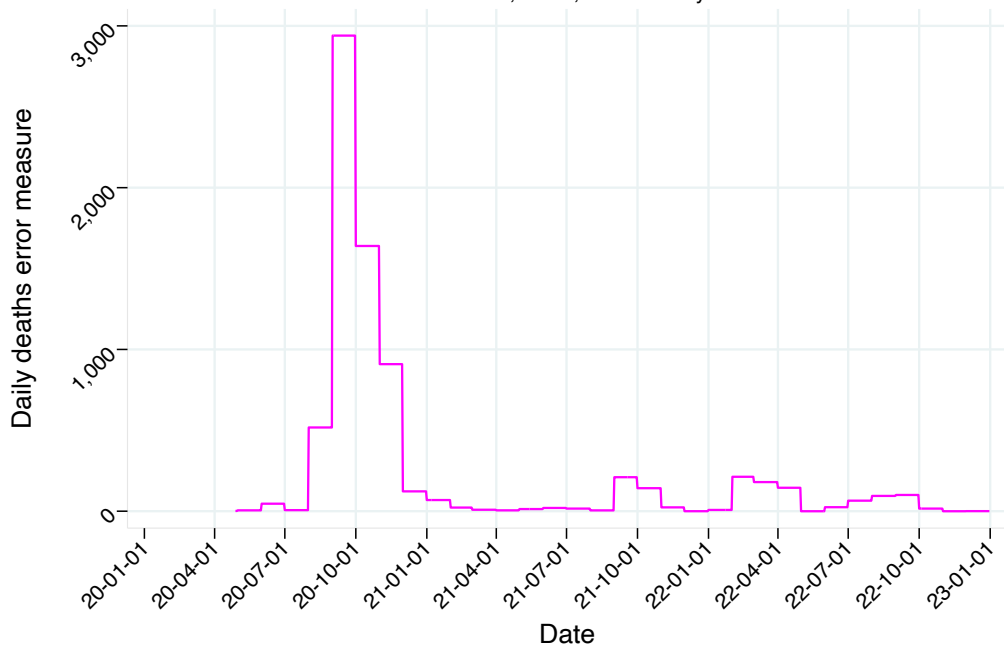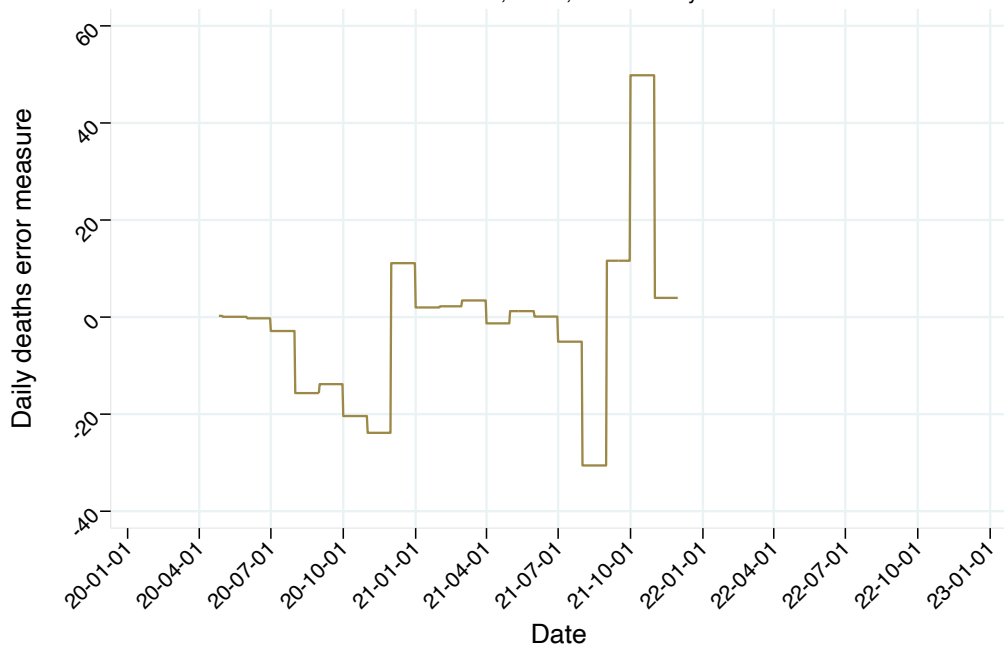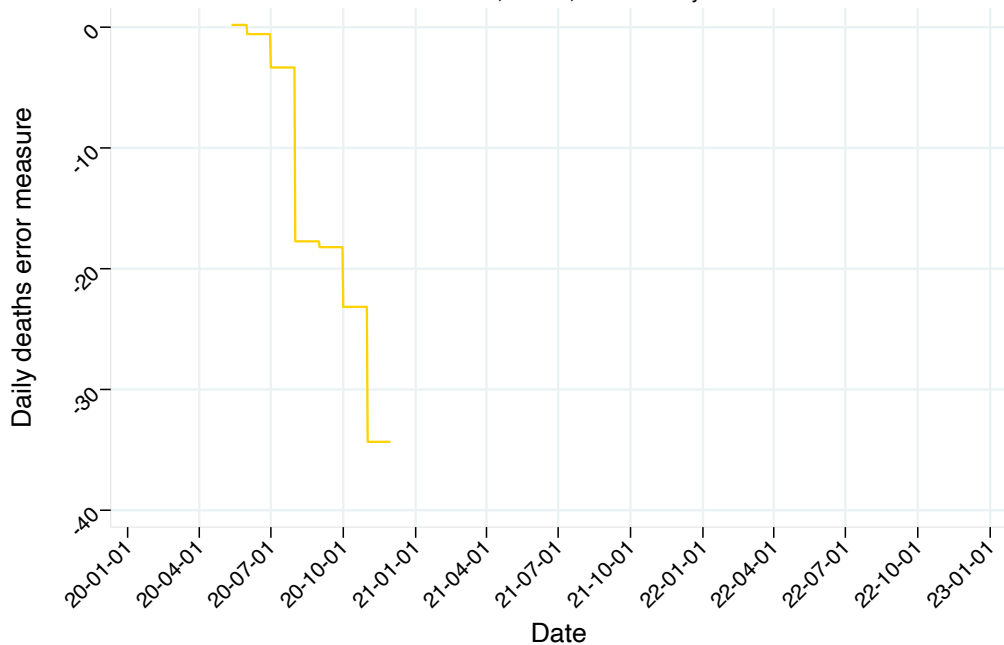C19 daily deaths, average median absolute error

Morocco, IMPE, forecast only

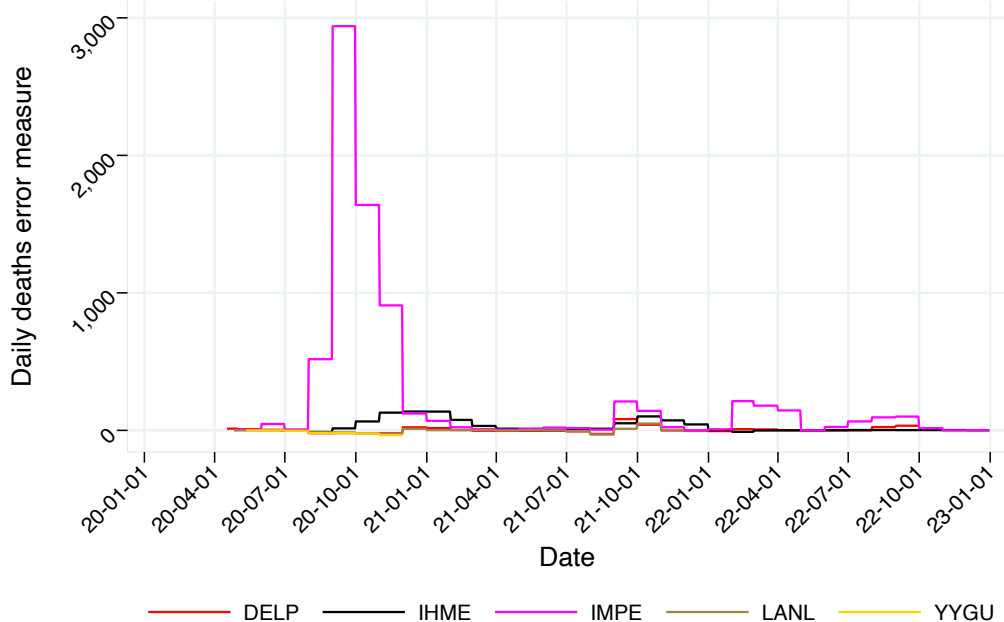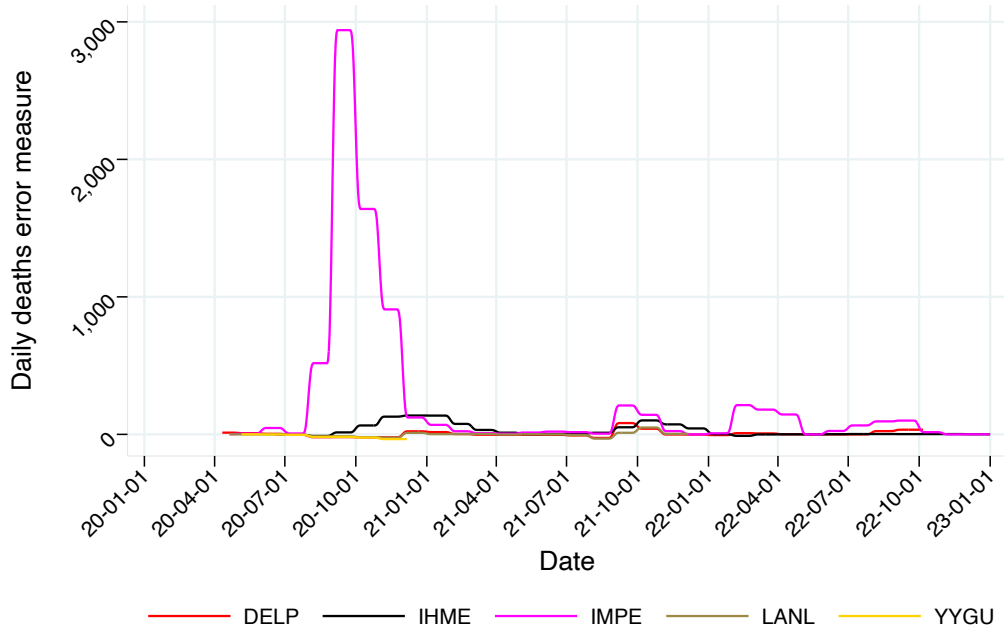C19 daily deaths, average median absolute error

Morocco, LANL, forecast only

C19 daily deaths, average median absolute error

Morocco, YYGU, forecast only

C19 daily deaths, average median absolute error

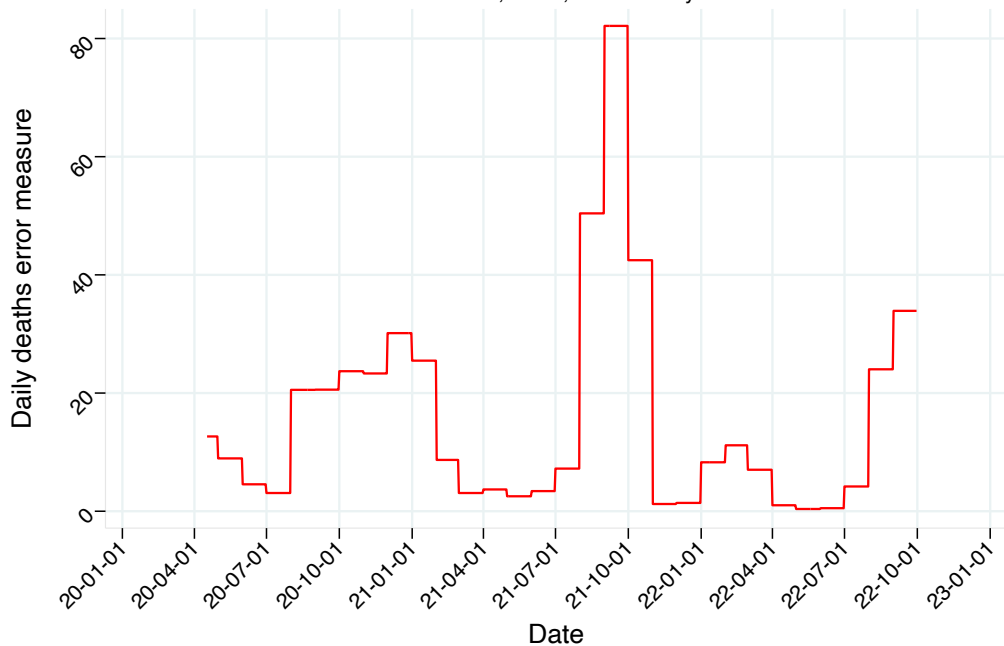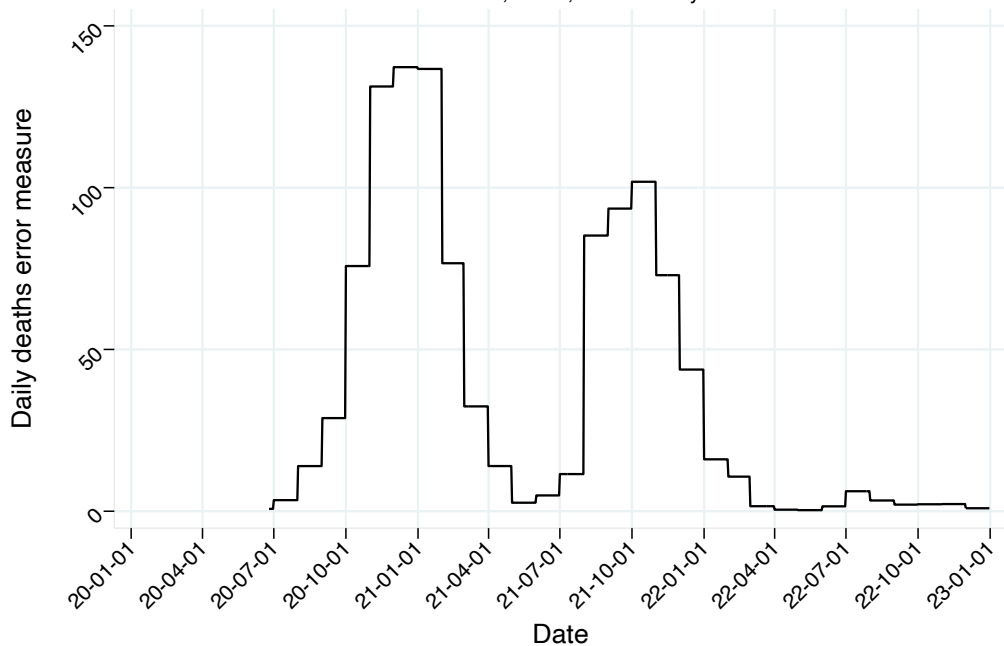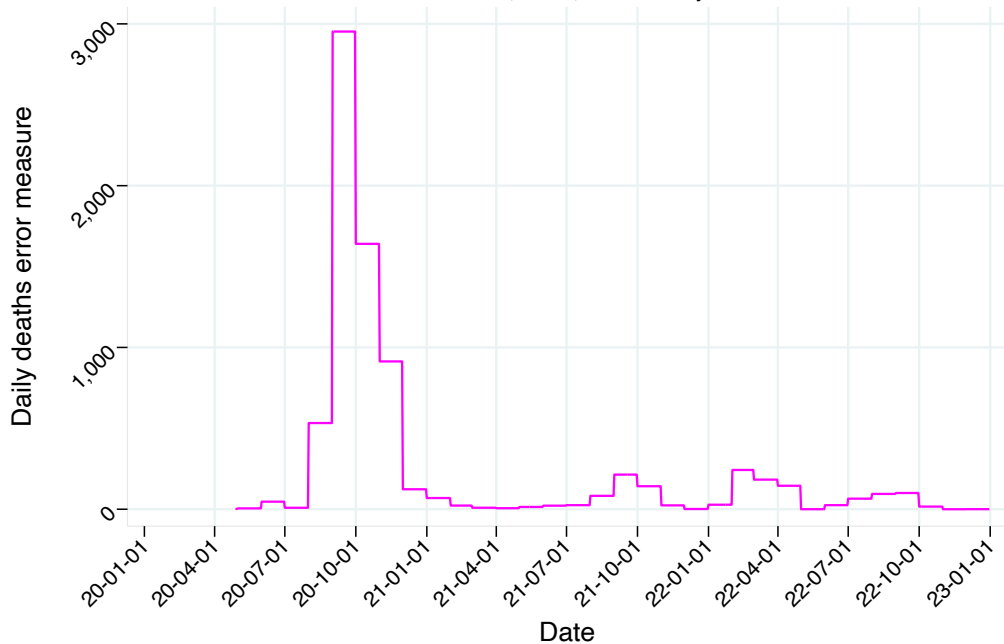## Morocco, all Models, forecast only

- DELP
- IHME
- IMPE
- LANL
- YYGU

C19 daily deaths, average median absolute error
Morocco, all Models, forecast only; smoothed for better viewing

Daily deaths error measure (y-axis): 0, 1,000, 2,000, 3,000

Date (x-axis): 20-01-01, 20-04-01, 20-07-01, 20-10-01, 21-01-01, 21-04-01, 21-07-01, 21-10-01, 22-01-01, 22-04-01, 22-07-01, 22-10-01, 23-01-01

Legend: DELP, IHME, IMPE, LANL, YYGU

C19 daily deaths, average median percent error

Morocco, DELP, forecast only

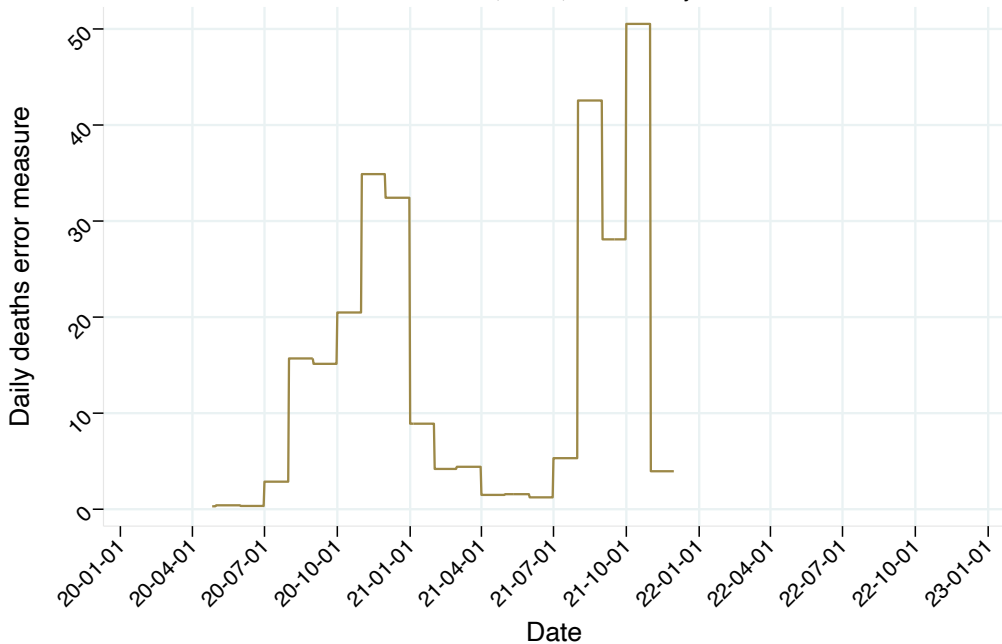# C19 daily deaths, average median percent error
Morocco, IHME, forecast only

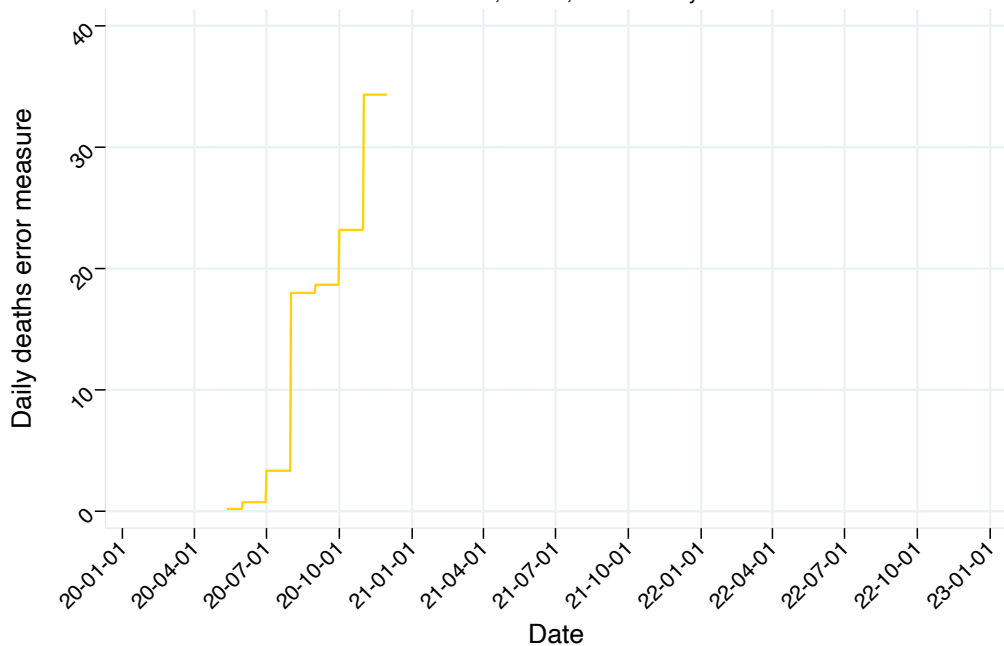C19 daily deaths, average median percent error

Morocco, IMPE, forecast only

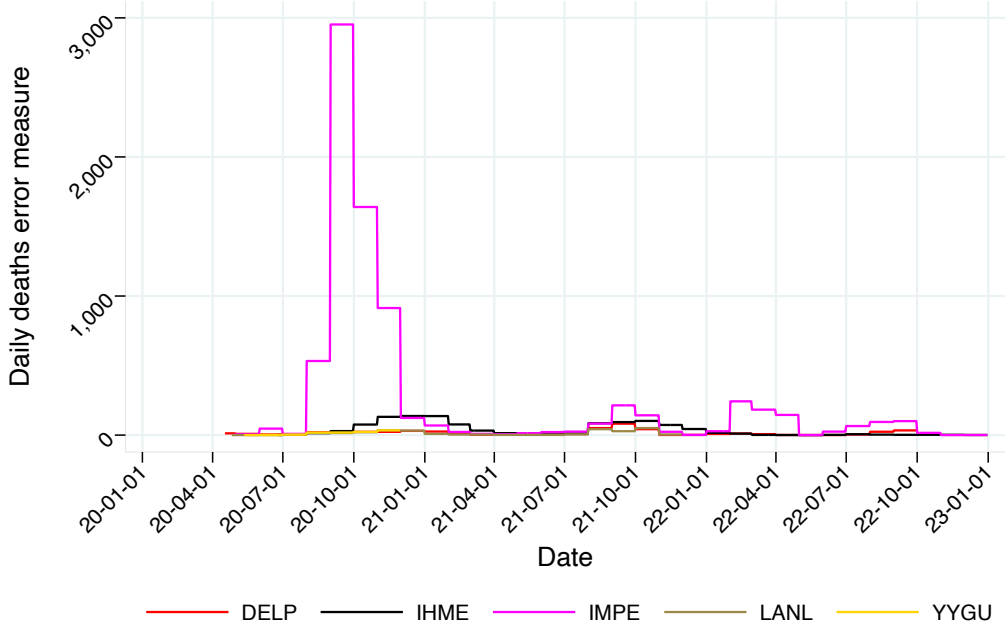C19 daily deaths, average median percent error

Morocco, LANL, forecast only

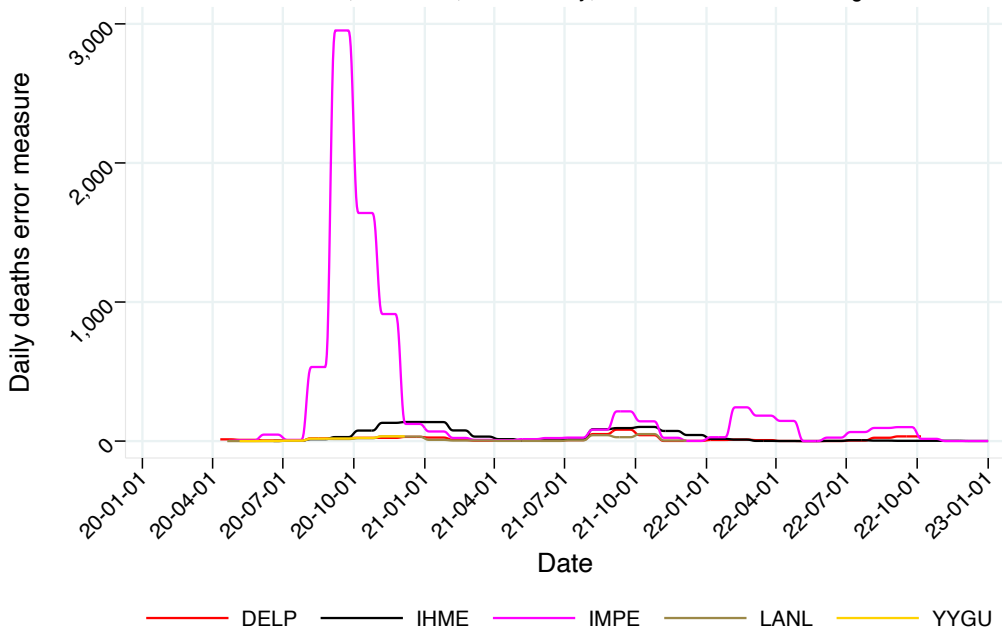C19 daily deaths, average median percent error

Morocco, YYGU, forecast only

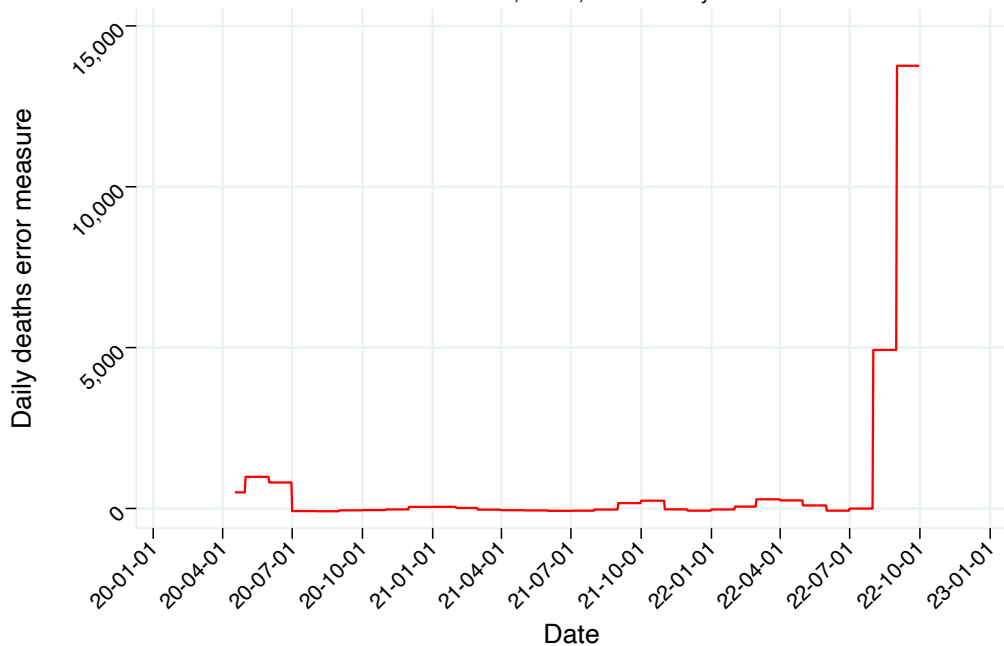C19 daily deaths, average median percent error

Morocco, all Models, forecast only

C19 daily deaths, average median percent error
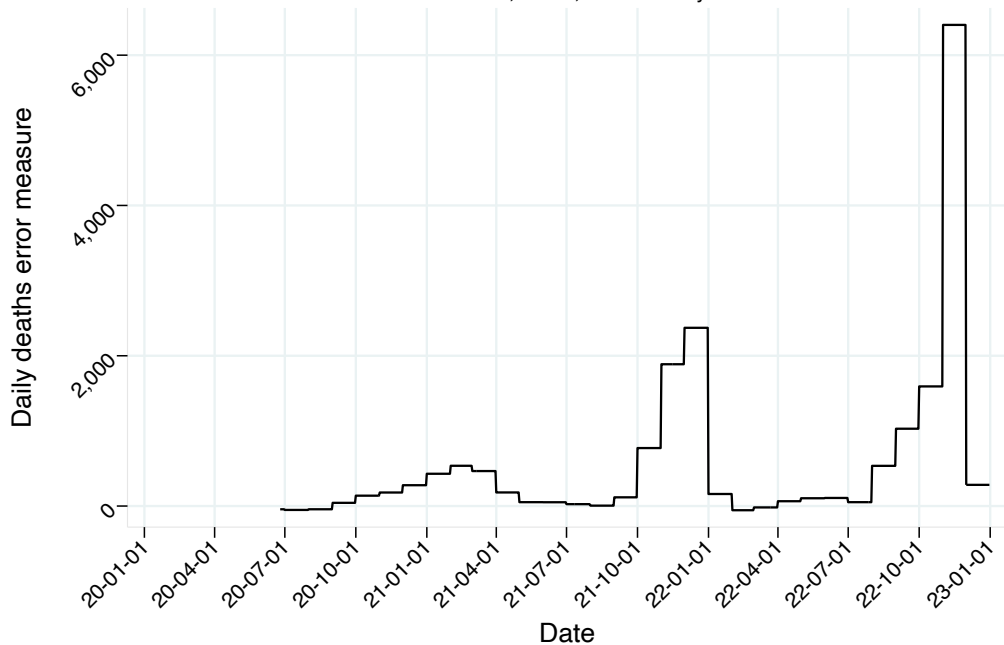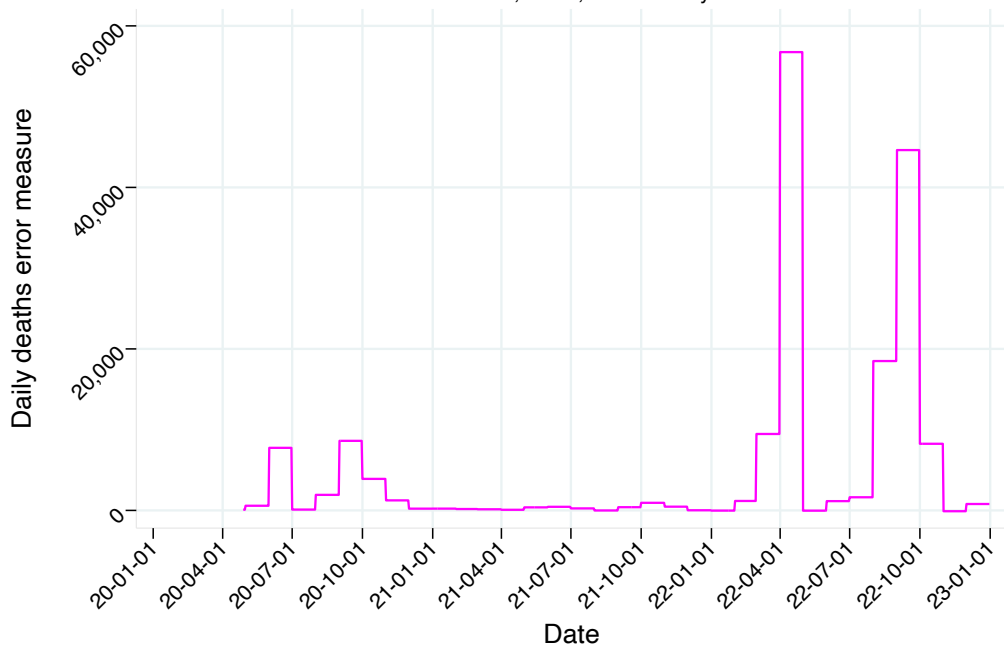Morocco, all Models, forecast only; smoothed for better viewing

Legend: DELP, IHME, IMPE, LANL, YYGU

C19 daily deaths, average median absolute percent error
Morocco, DELP, forecast only

C19 daily deaths, average median absolute percent error
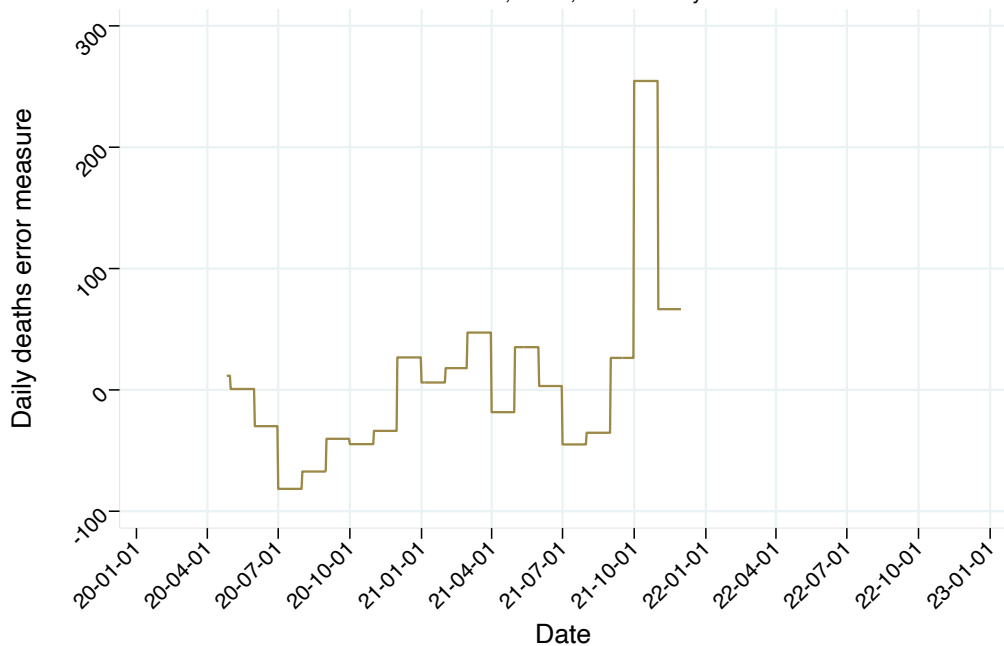## Morocco, IHME, forecast only

C19 daily deaths, average median absolute percent error

Morocco, IMPE, forecast only

C19 daily deaths, average median absolute percent error

Morocco, LANL, forecast only
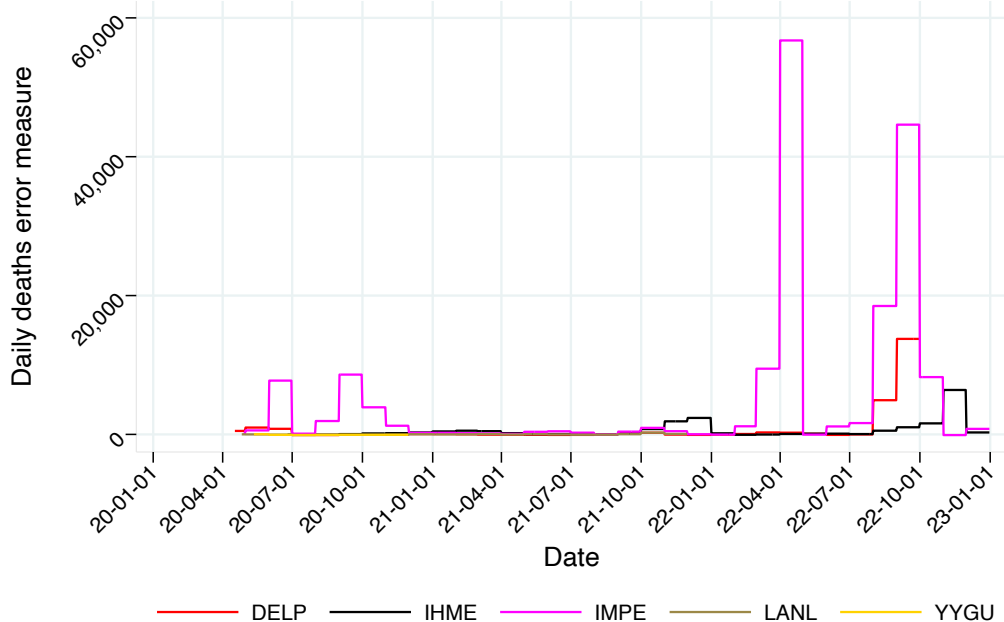
C19 daily deaths, average median absolute percent error
Morocco, YYGU, forecast only

C19 daily deaths, average median absolute percent error
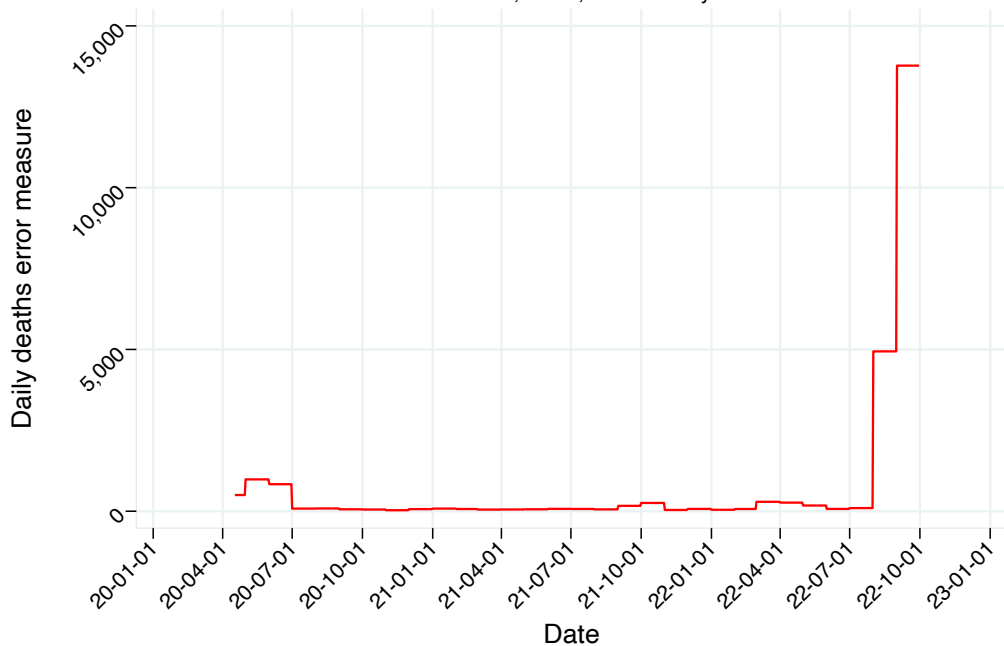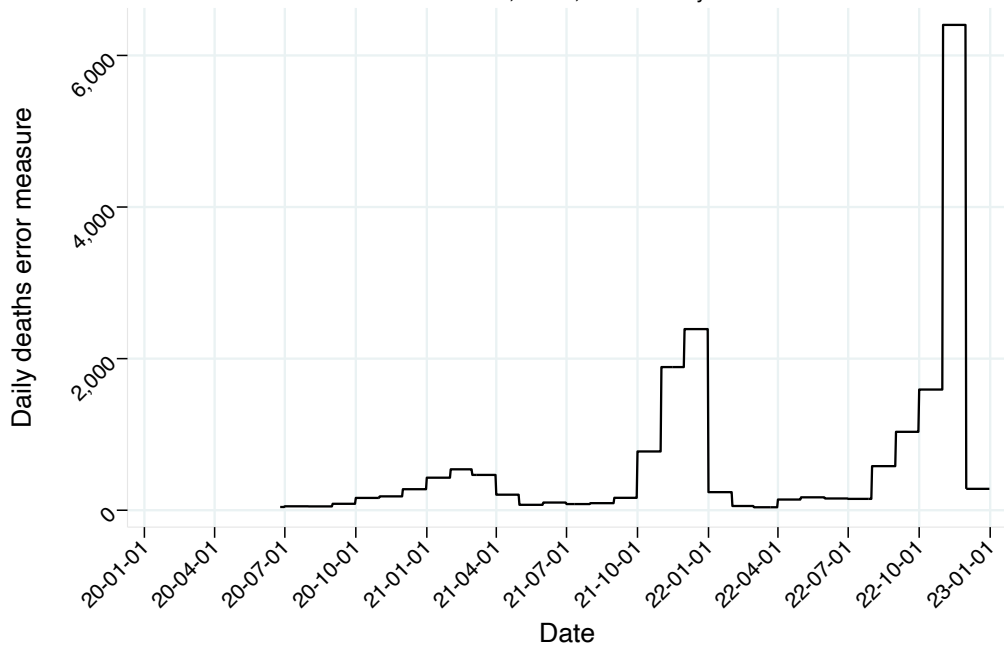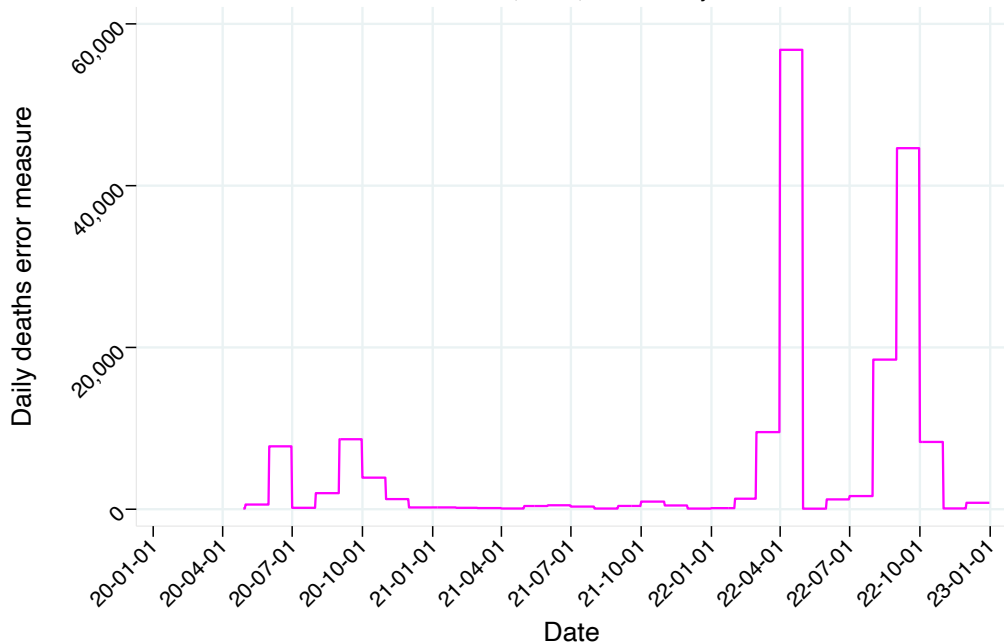
Morocco, all Models, forecast only

DELP   IHME   IMPE   LANL   YYGU

C19 daily deaths, average median absolute percent error

Morocco, all Models, forecast only; smoothed for better viewing

DELP IHME IMPE LANL YYGU

C19 daily deaths average MAPE over updates and calendar months
Morocco, DELP, forecast only. MAPE: Median Absolute Percent Error
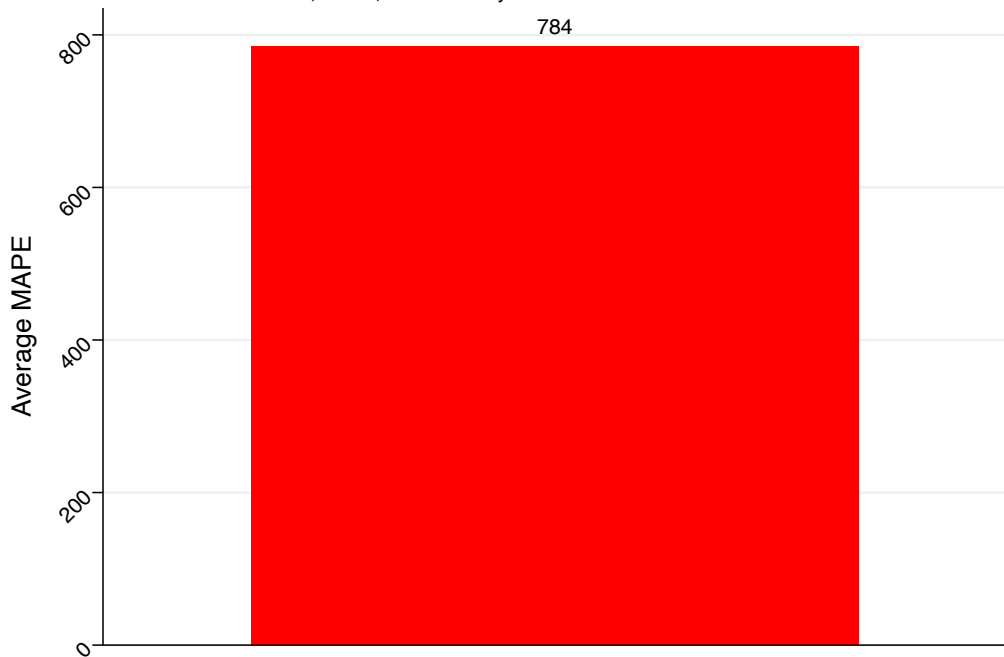
C19 daily deaths average MAPE over updates and calendar months

Morocco, IHME, forecast only. MAPE: Median Absolute Percent Error

C19 daily deaths average MAPE over updates and calendar months

Morocco, IMPE, forecast only. MAPE: Median Absolute Percent Error

C19 daily deaths average MAPE over updates and calendar months

Morocco, LANL, forecast only. MAPE: Median Absolute Percent Error

C19 daily deaths average MAPE over updates and calendar months

Morocco, YYGU, forecast only. MAPE: Median Absolute Percent Error
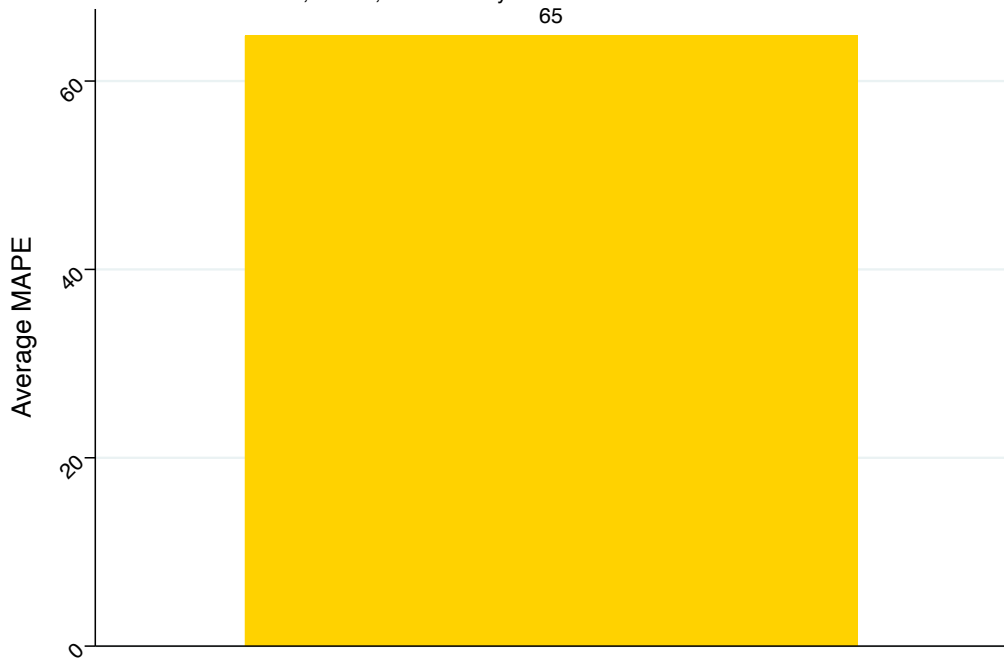
C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Morocco

Average Mean Error

235

29

-15

DELP IHME IMPE LANL YYGU

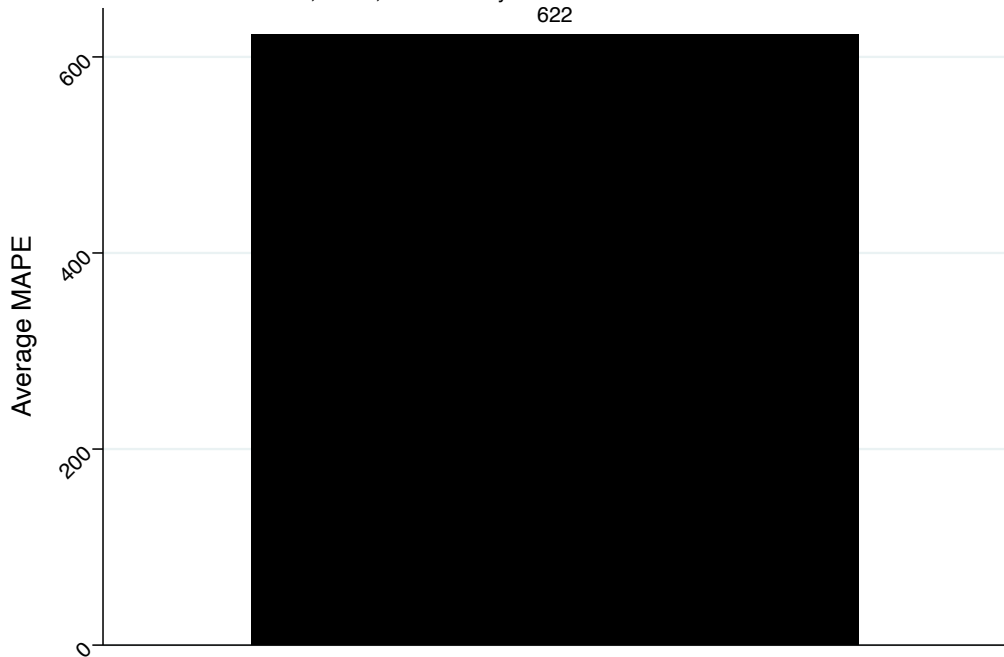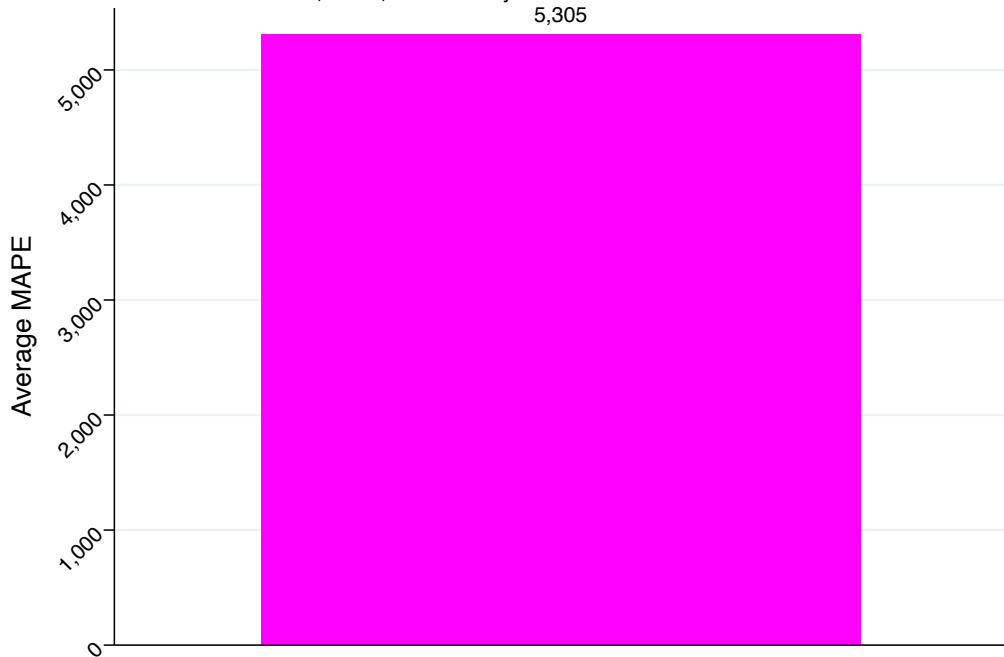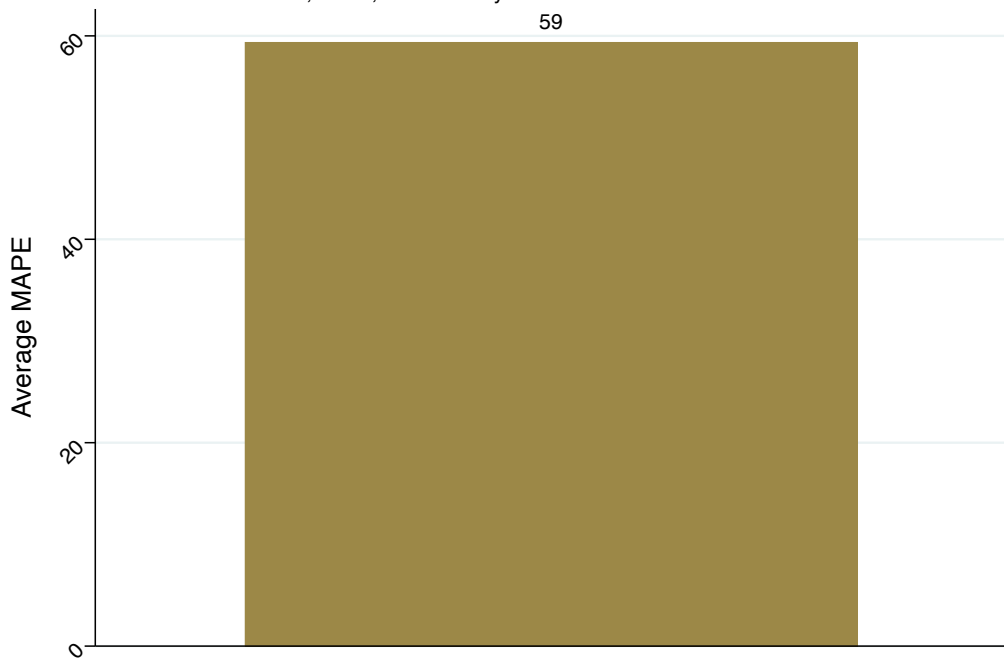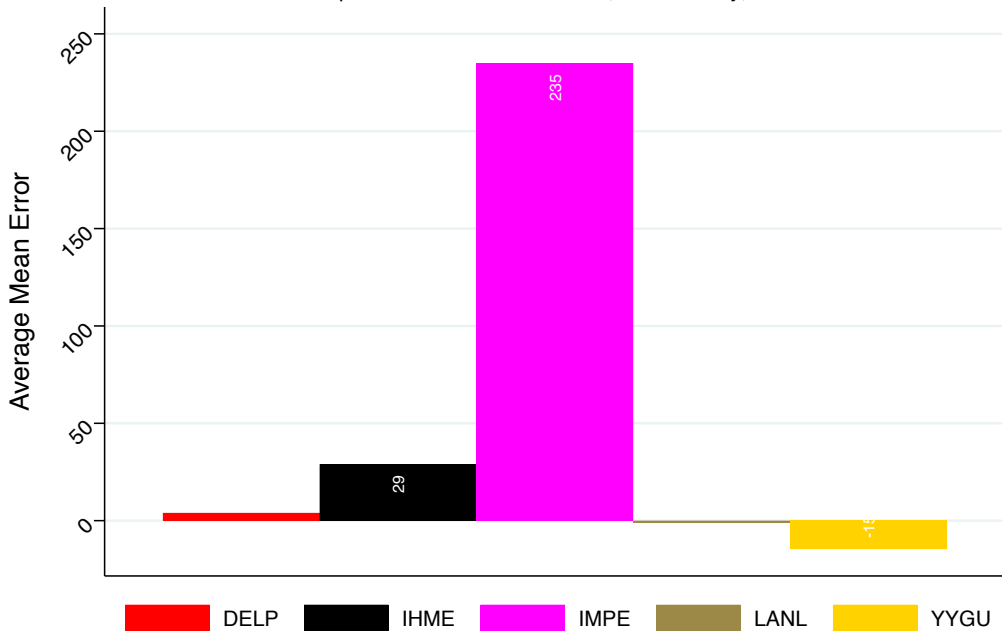# C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Morocco
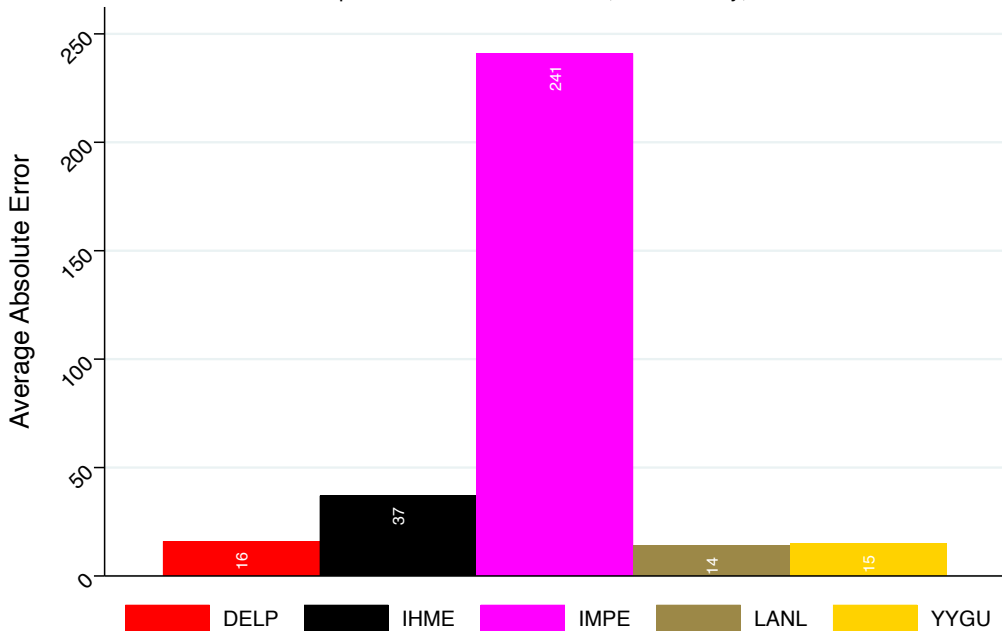
C19 daily deaths average of Percent Error
Over updates and calendar months; forecast only; Morocco

Average Percent Error

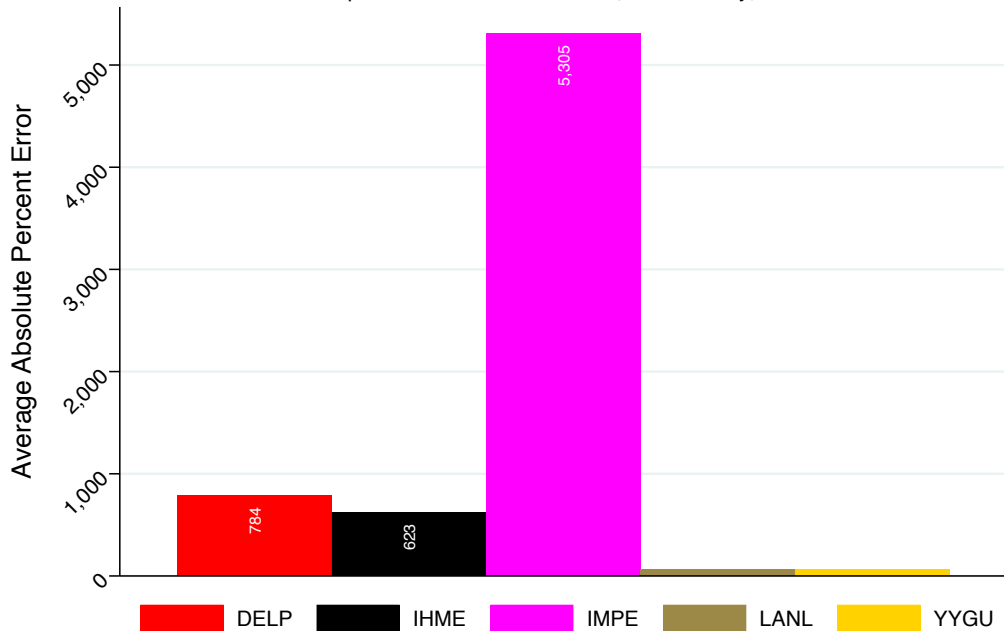| Model	Value
DELP	712
IHME	583
IMPE	5,262
LANL	
YYGU	
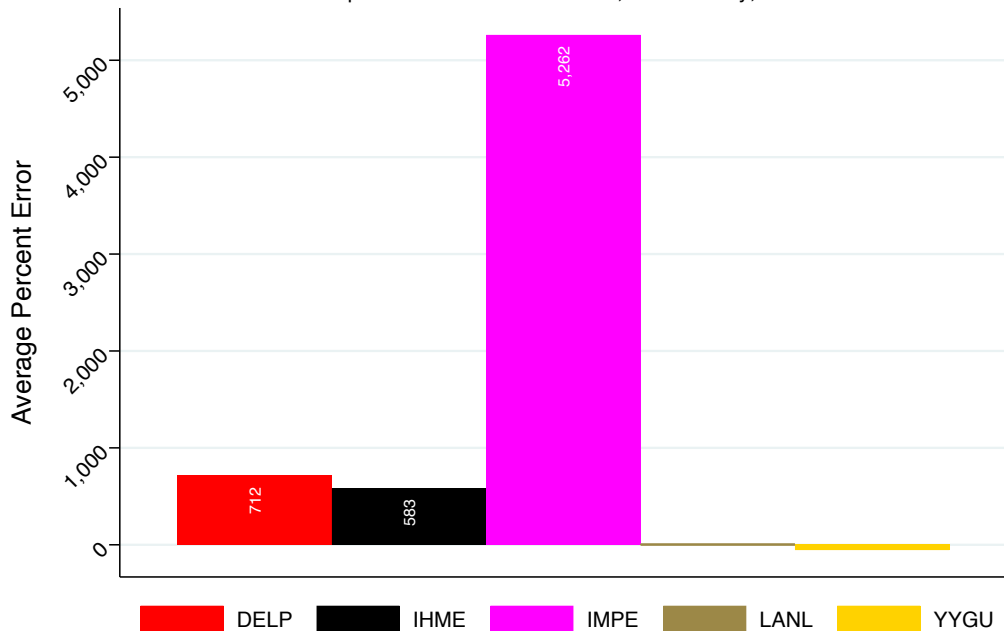
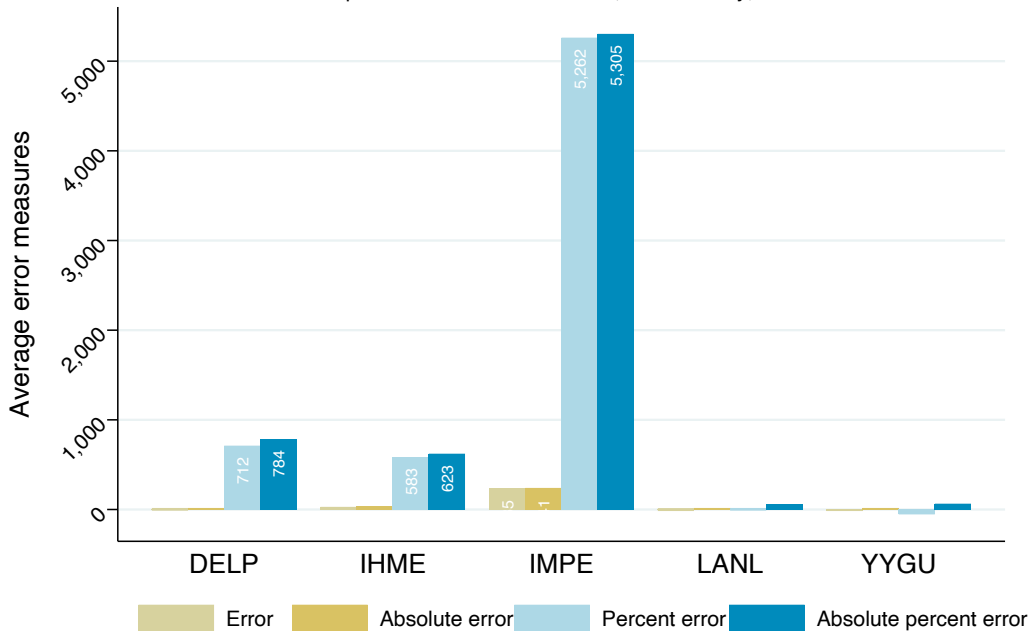# C19 daily deaths average of Absolute Percent Error
Over updates and calendar months; forecast only; Morocco

Average Absolute Percent Error

784 — DELP
623 — IHME
5,305 — IMPE

DELP | IHME | IMPE | LANL | YYGU

C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Morocco

Average error measures

- Error
- Absolute error
- Percent error
- Absolute percent error

Model	Percent error	Absolute percent error
DELP	712	784
IHME	583	623
IMPE	5,262	5,305

C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Morocco

Legend: DELP, IHME, IMPE, LANL, YYGU