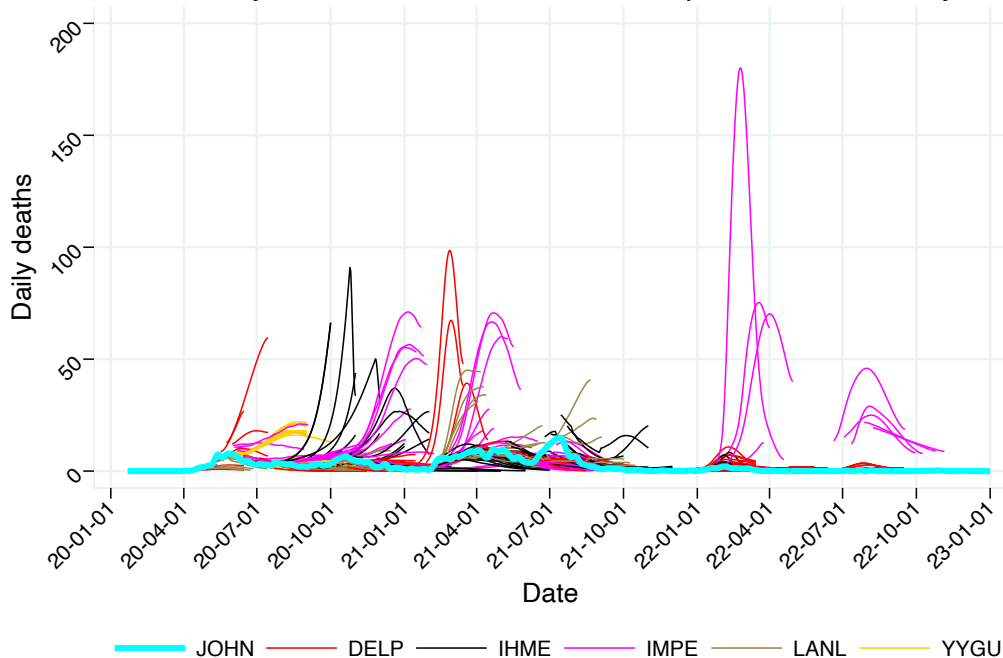C19 daily deaths, Kuwait, all models, all updates, forecast only
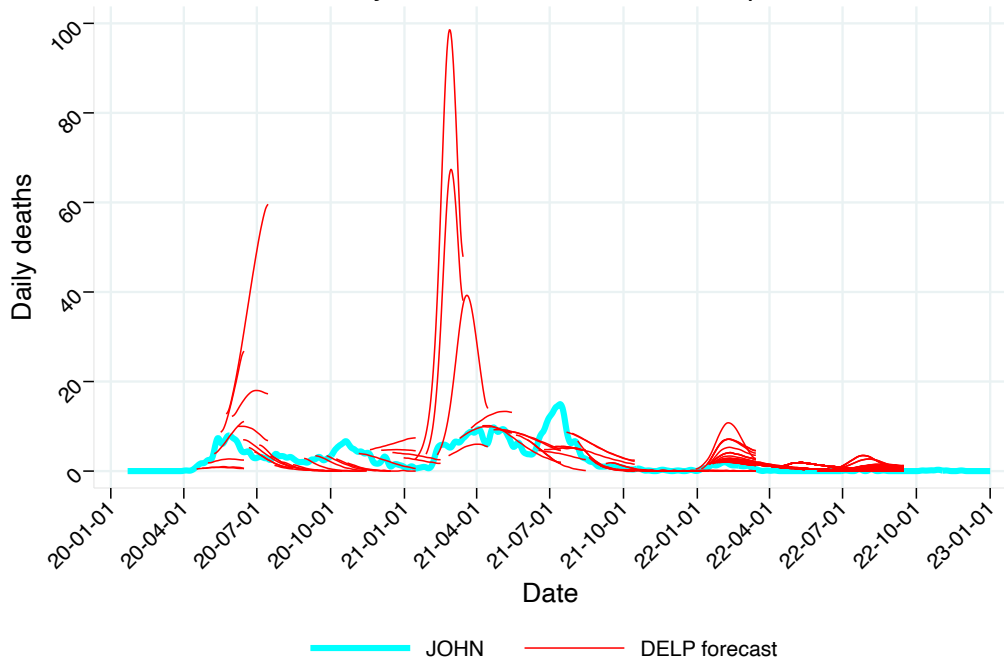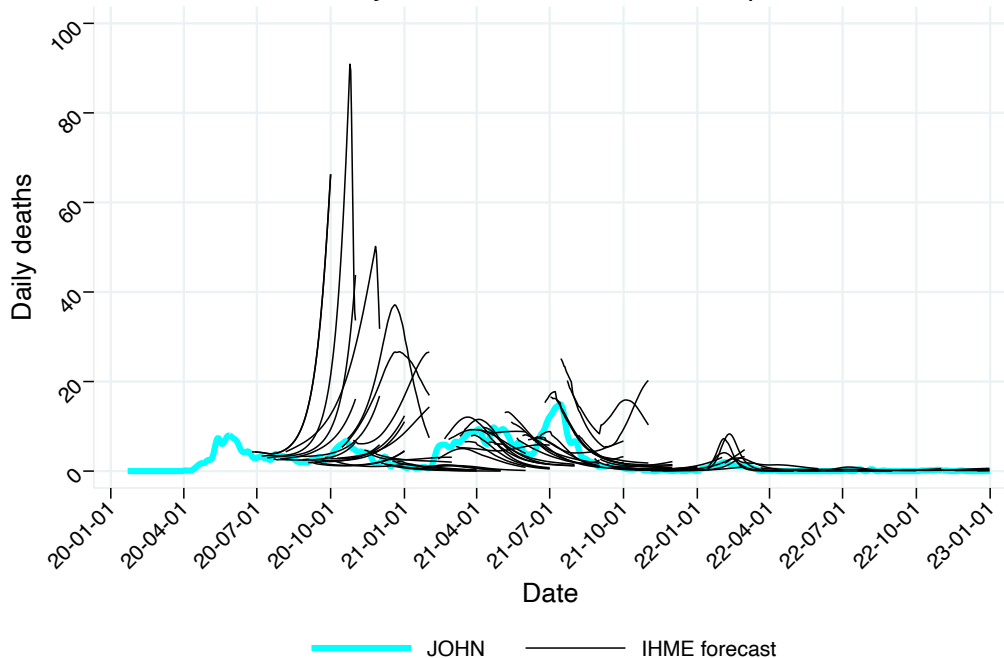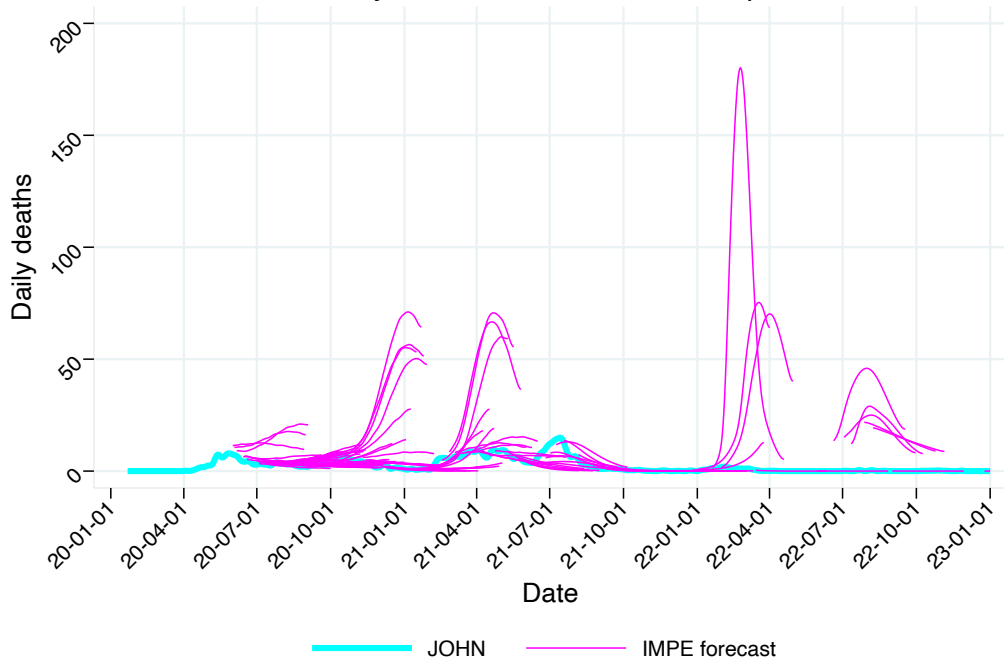
Legend: JOHN, DELP, IHME, IMPE, LANL, YYGU

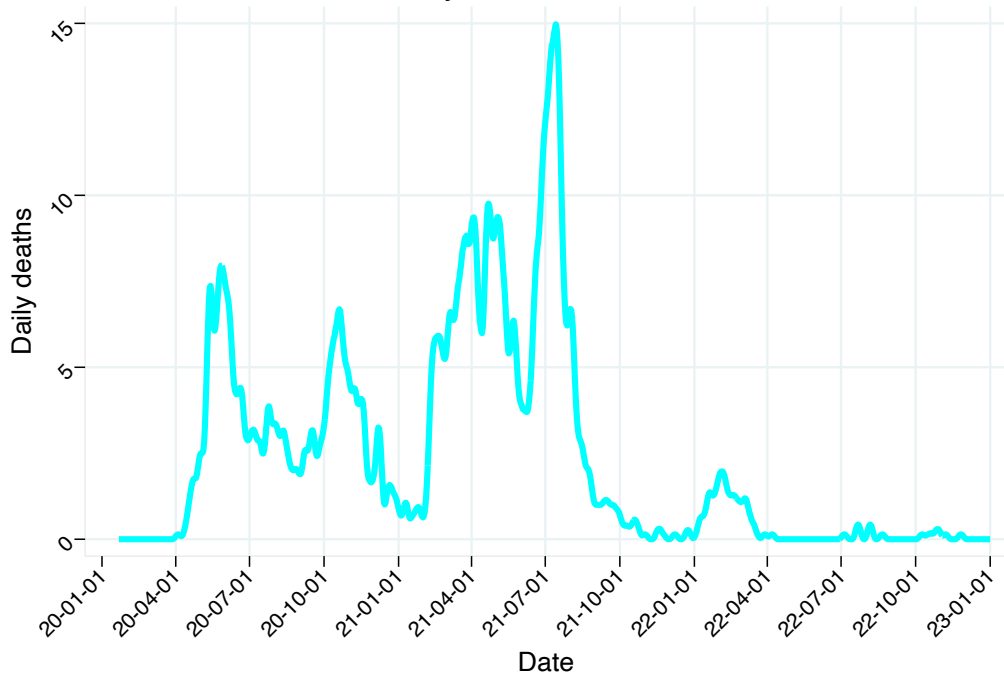C19 daily deaths, Kuwait, DELP, all updates
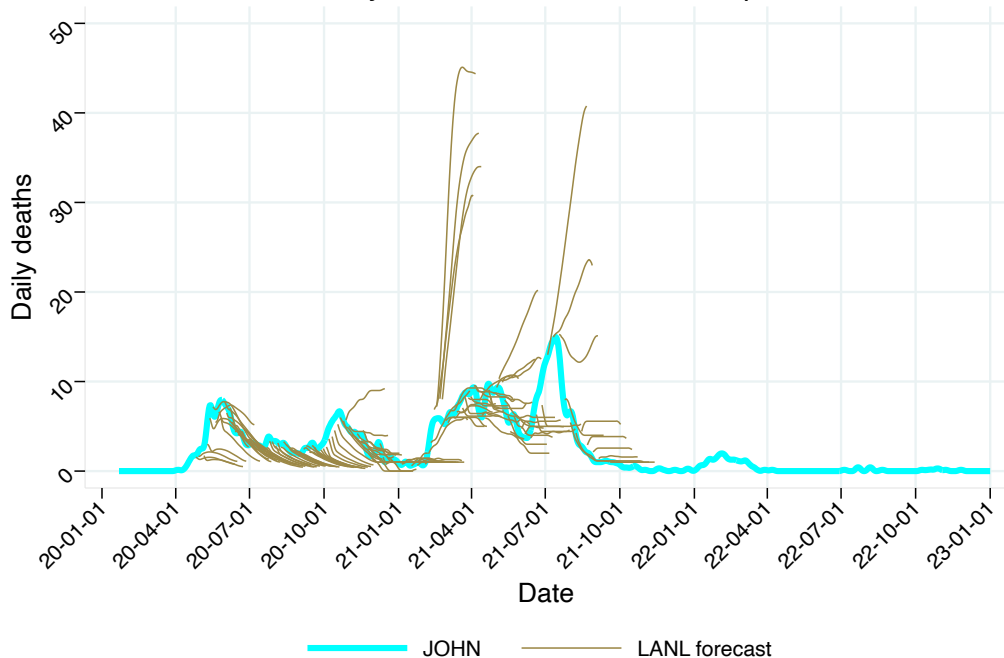
C19 daily deaths, Kuwait, IHME, all updates
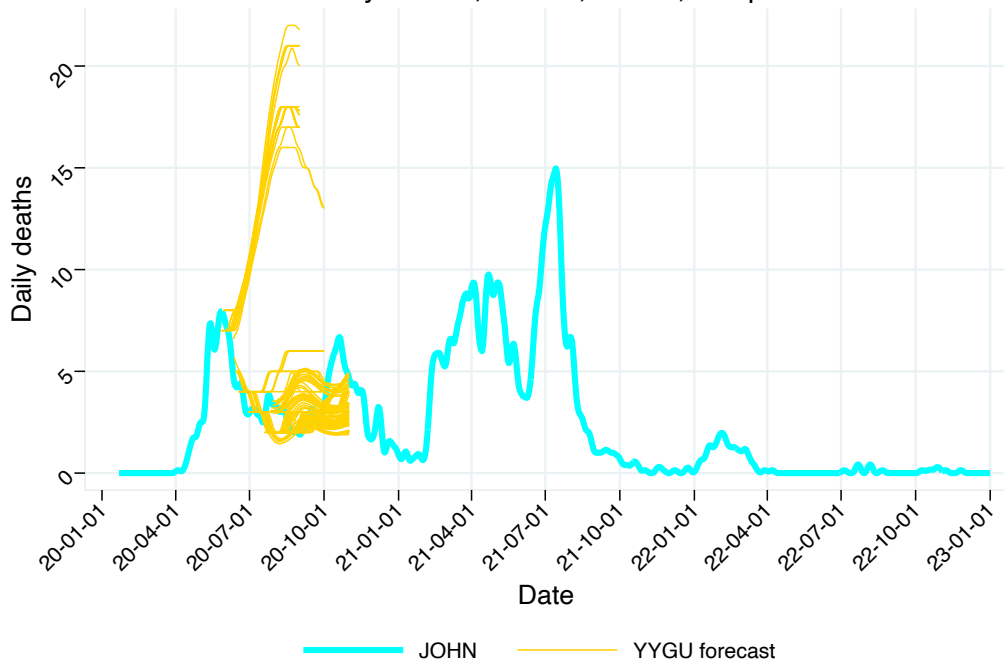
C19 daily deaths, Kuwait, IMPE, all updates

C19 daily deaths, Kuwait, JOHN

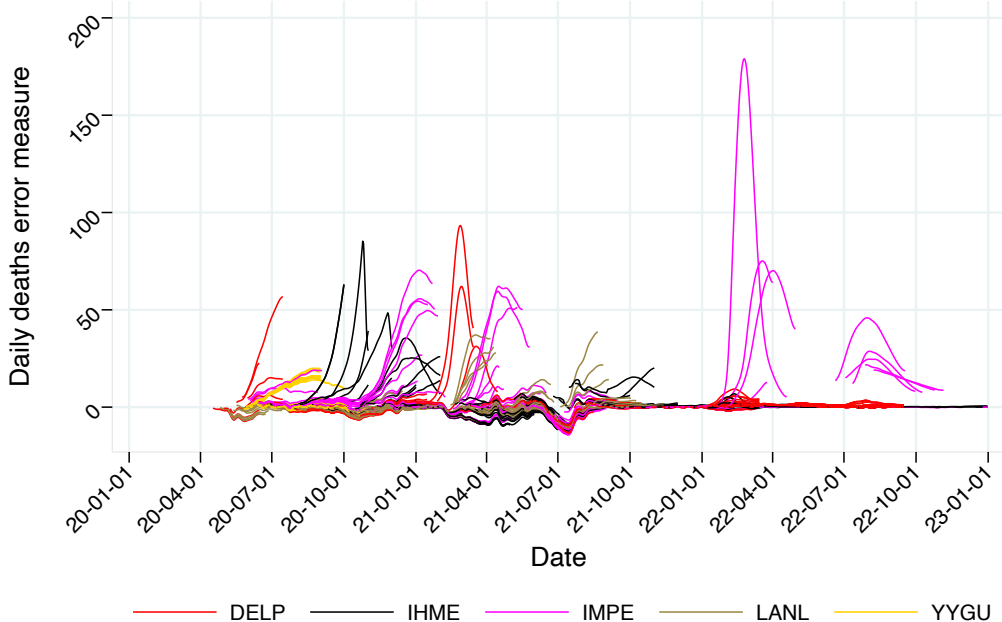C19 daily deaths, Kuwait, LANL, all updates

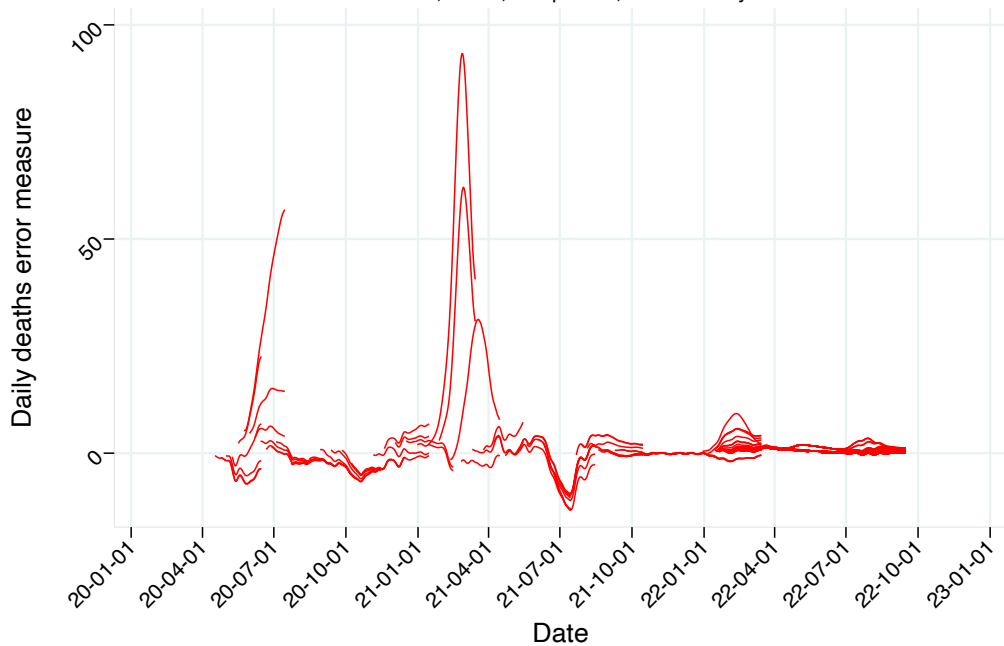C19 daily deaths, Kuwait, YYGU, all updates

C19 daily deaths error

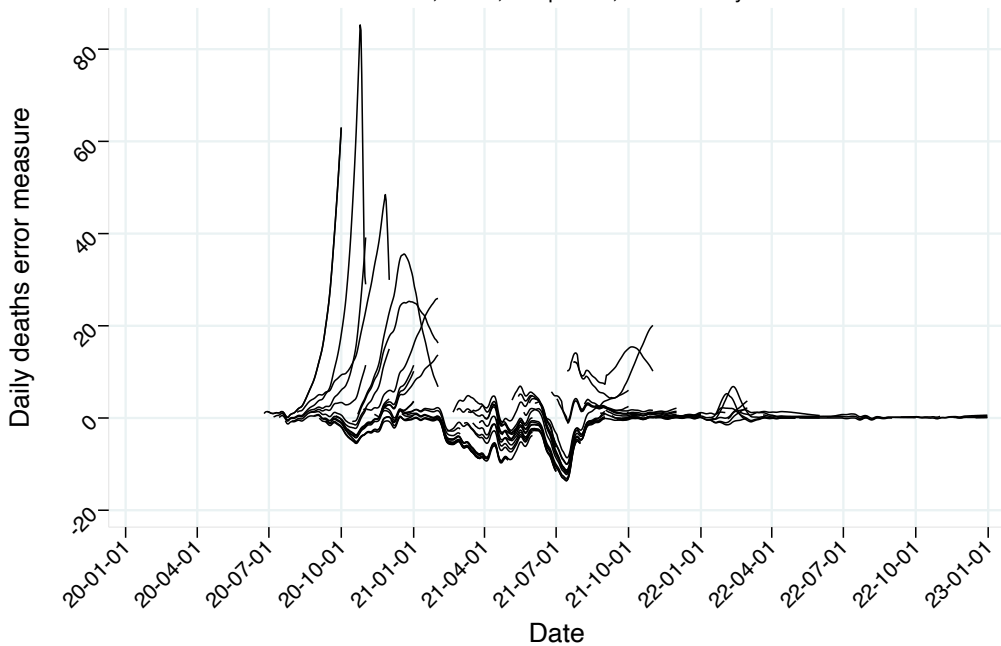Kuwait, all Models, all updates, forecast only

C19 daily deaths error
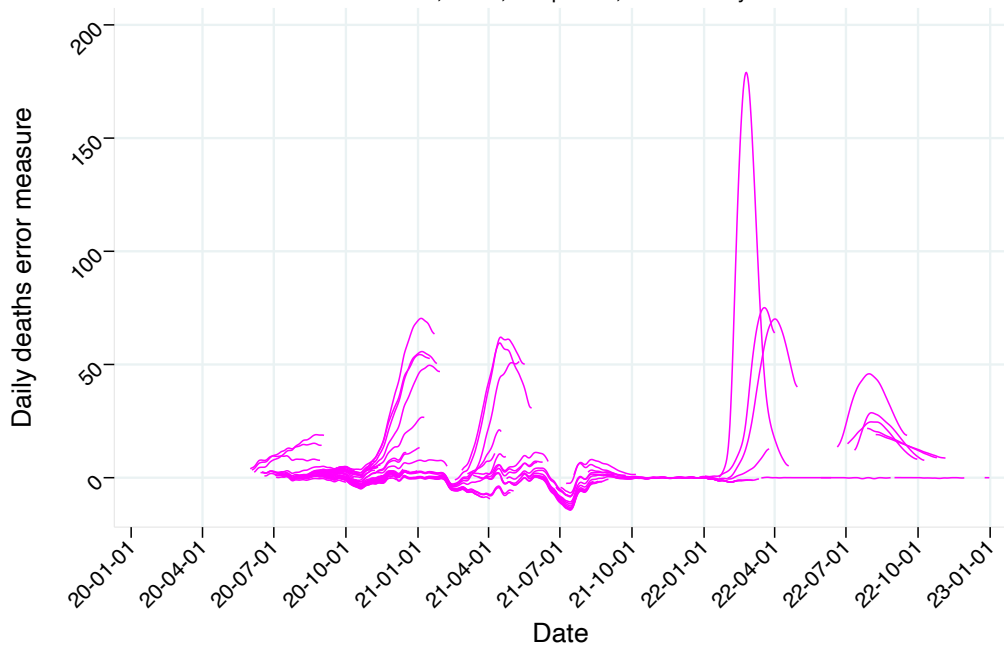
Kuwait, DELP, all updates, forecast only

C19 daily deaths error

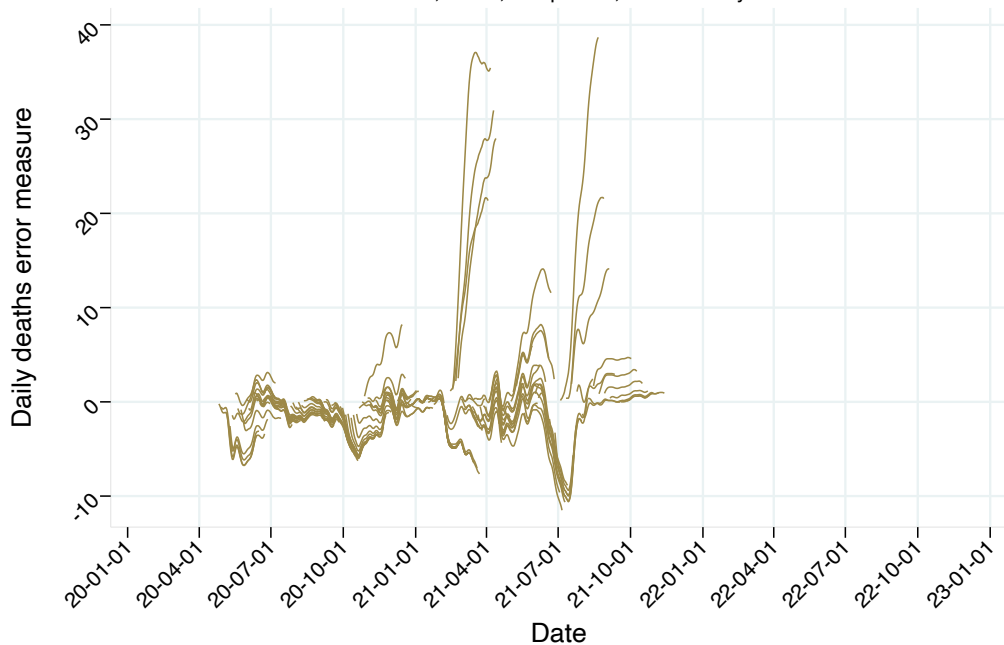Kuwait, IHME, all updates, forecast only

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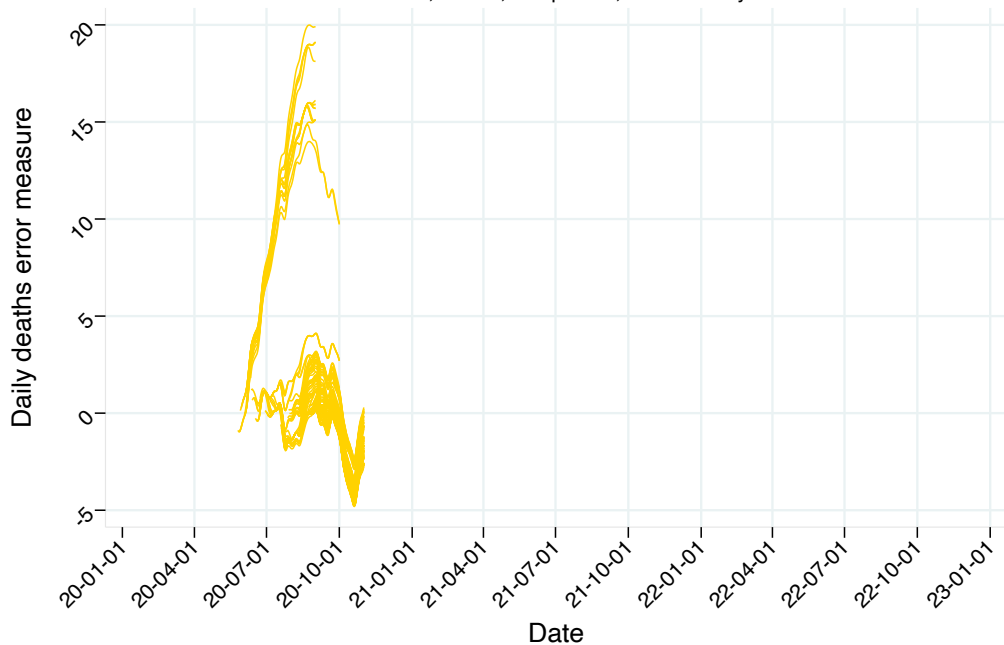
Kuwait, IMPE, all updates, forecast only

C19 daily deaths error

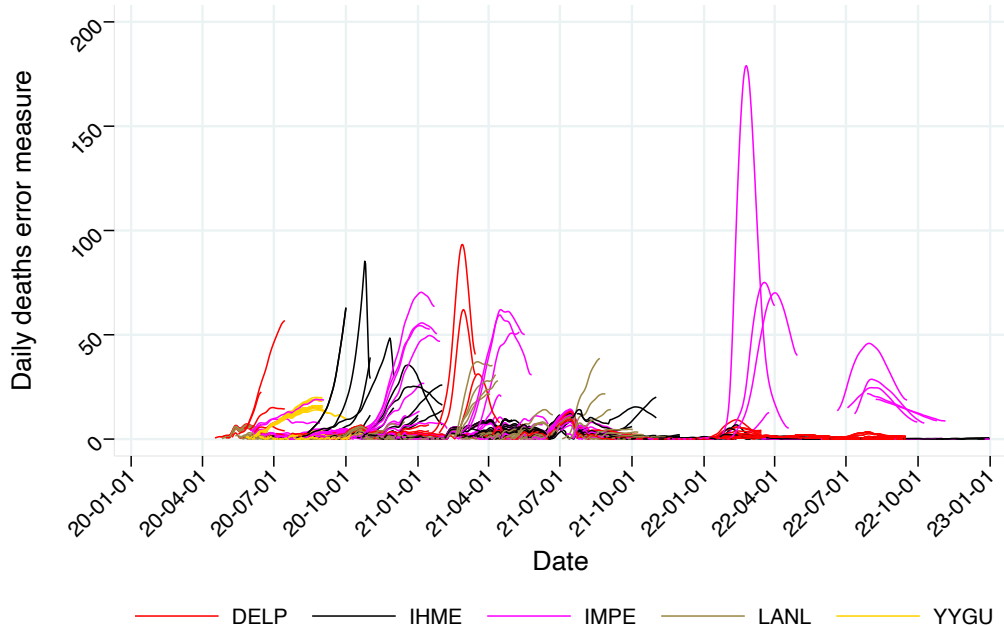Kuwait, LANL, all updates, forecast only

C19 daily deaths error

Kuwait, YYGU, all updates, forecast only
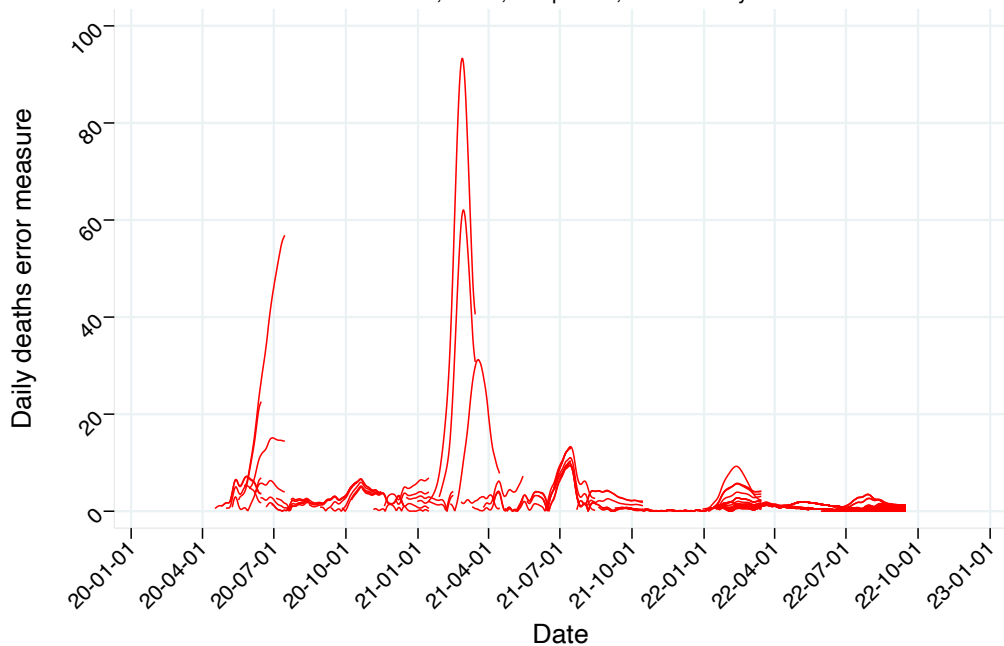
C19 daily deaths absolute error

Kuwait, all Models, all updates, forecast only
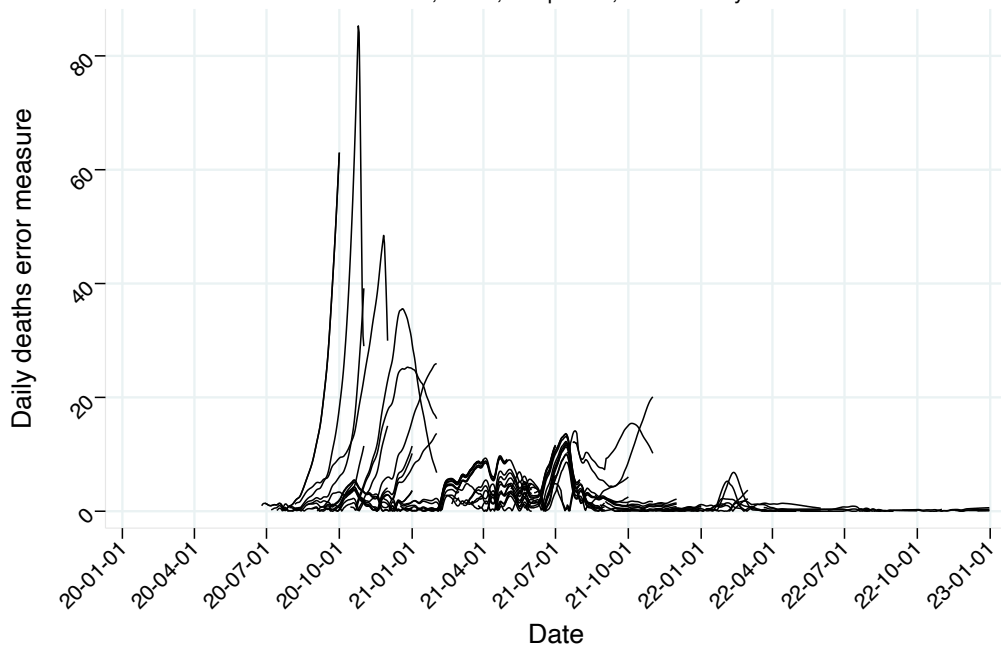
C19 daily deaths absolute error

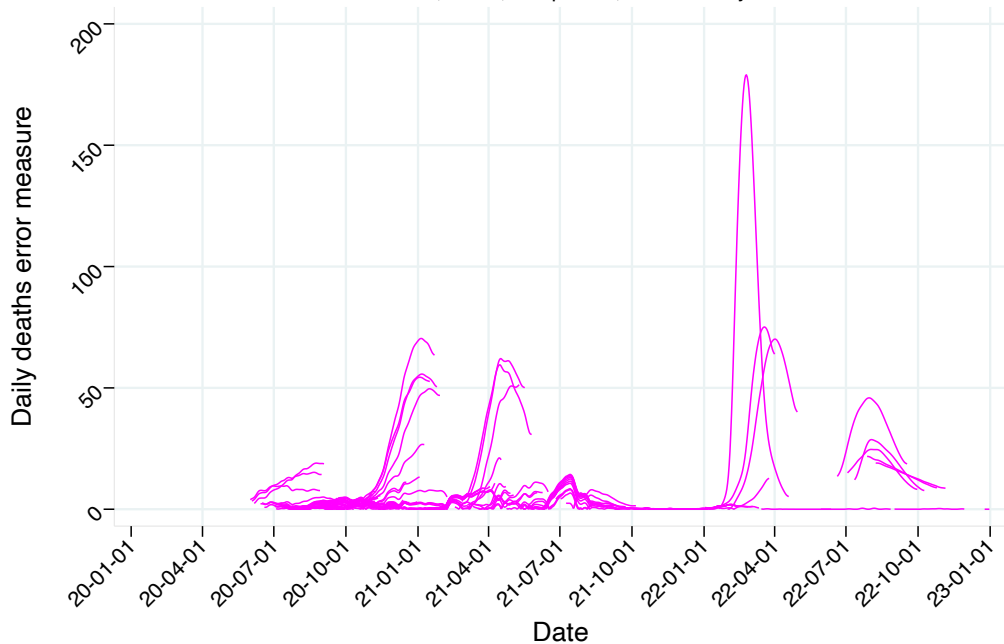Kuwait, DELP, all updates, forecast only

C19 daily deaths absolute error

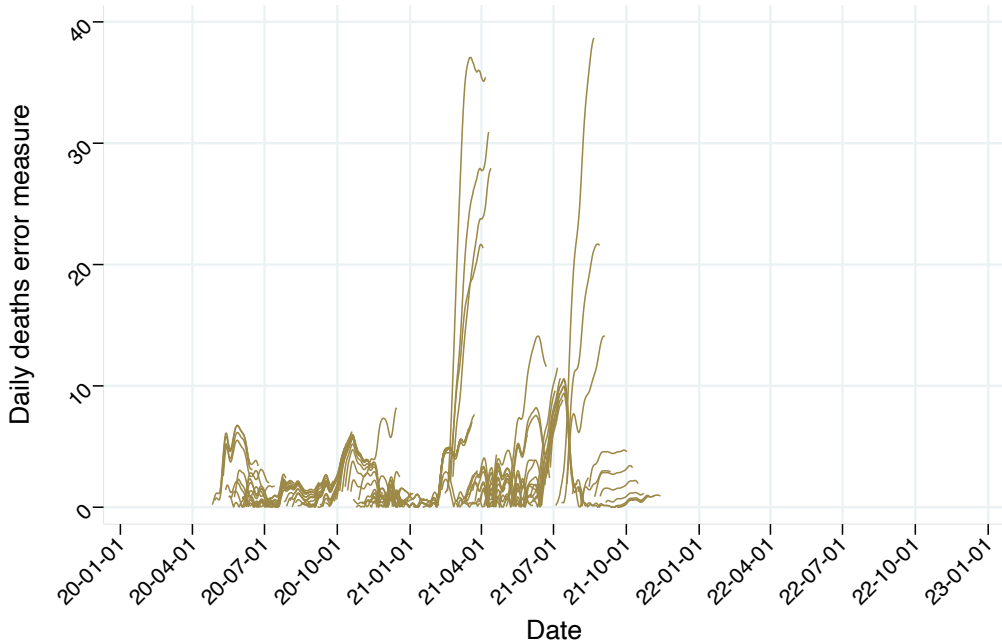Kuwait, IHME, all updates, forecast only

C19 daily deaths absolute error

Kuwait, IMPE, all updates, forecast only

C19 daily deaths absolute error

Kuwait, LANL, all updates, forecast only

C19 daily deaths absolute error

Kuwait, YYGU, all updates, forecast only

**C19 daily deaths percent error**

Kuwait, all Models, all updates, forecast only

Daily deaths error measure

DELP — IHME — IMPE — LANL — YYGU

C19 daily deaths percent error

Kuwait, DELP, all updates, forecast only

C19 daily deaths percent error

Kuwait, IHME, all updates, forecast only

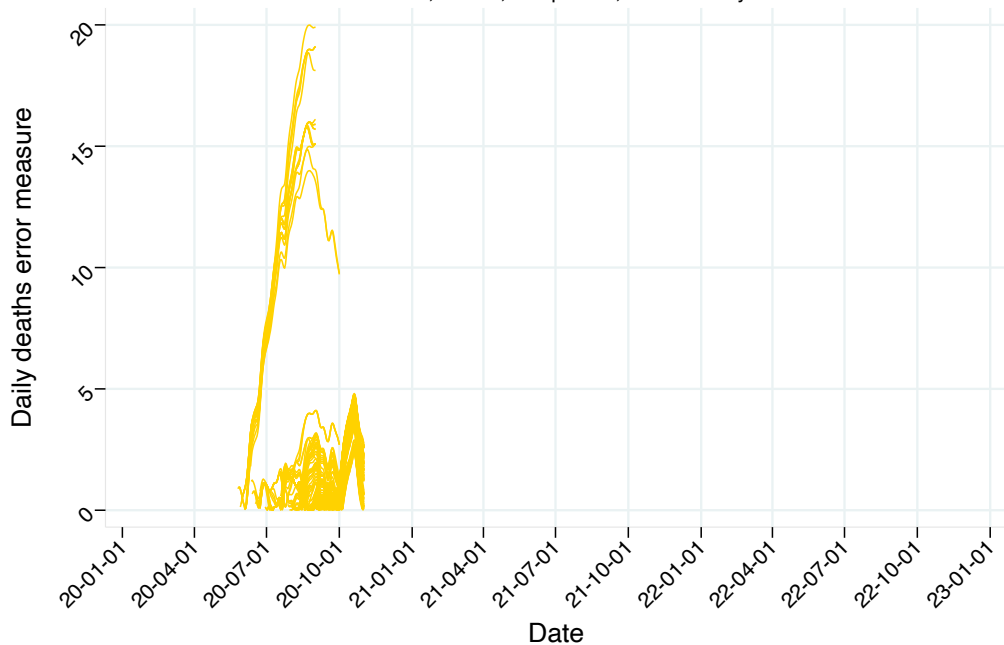C19 daily deaths percent error

Kuwait, IMPE, all updates, forecast only

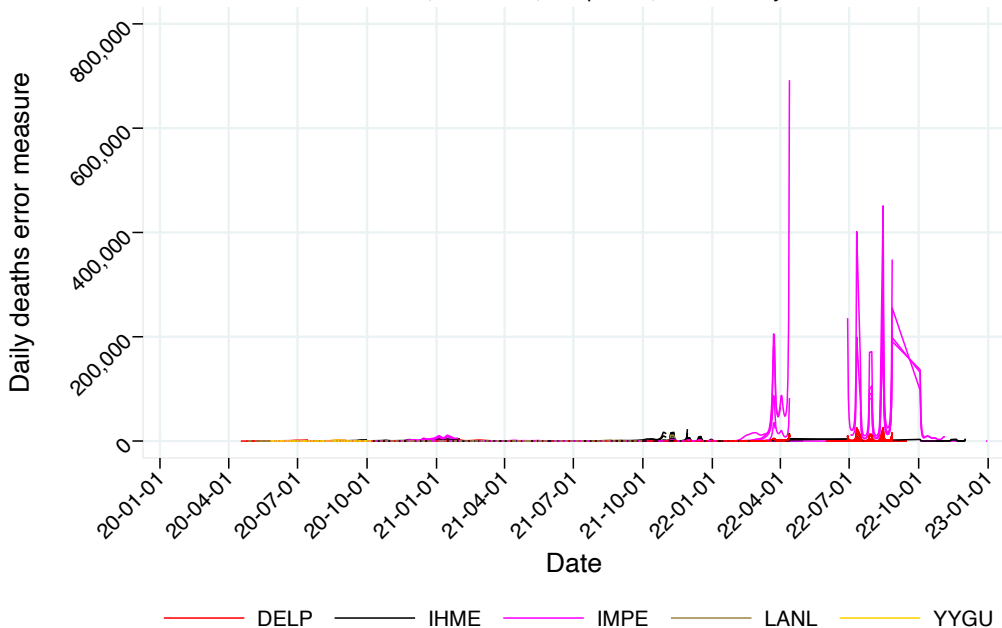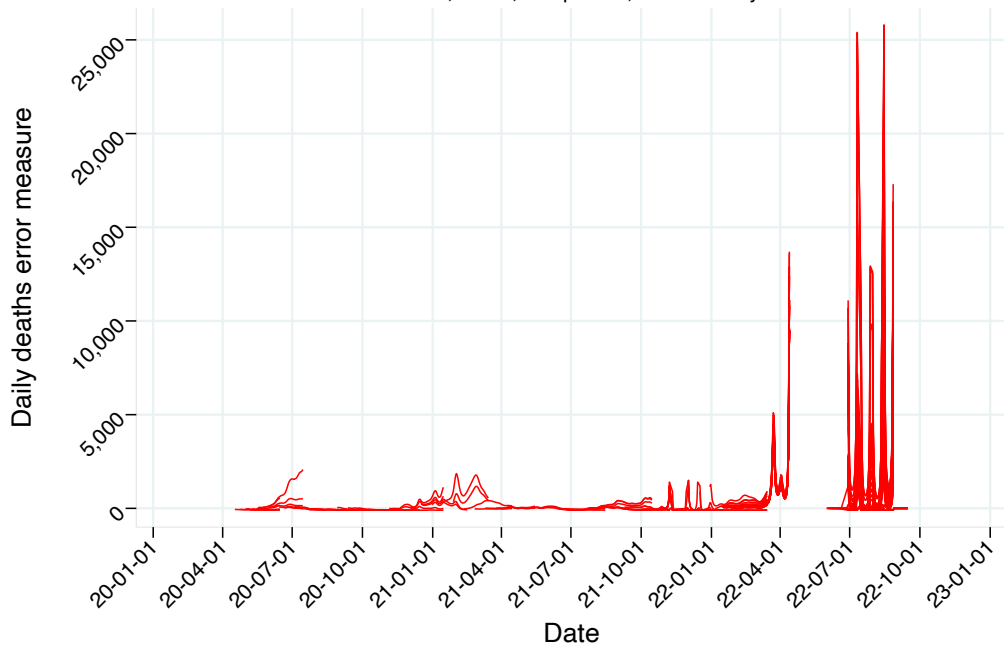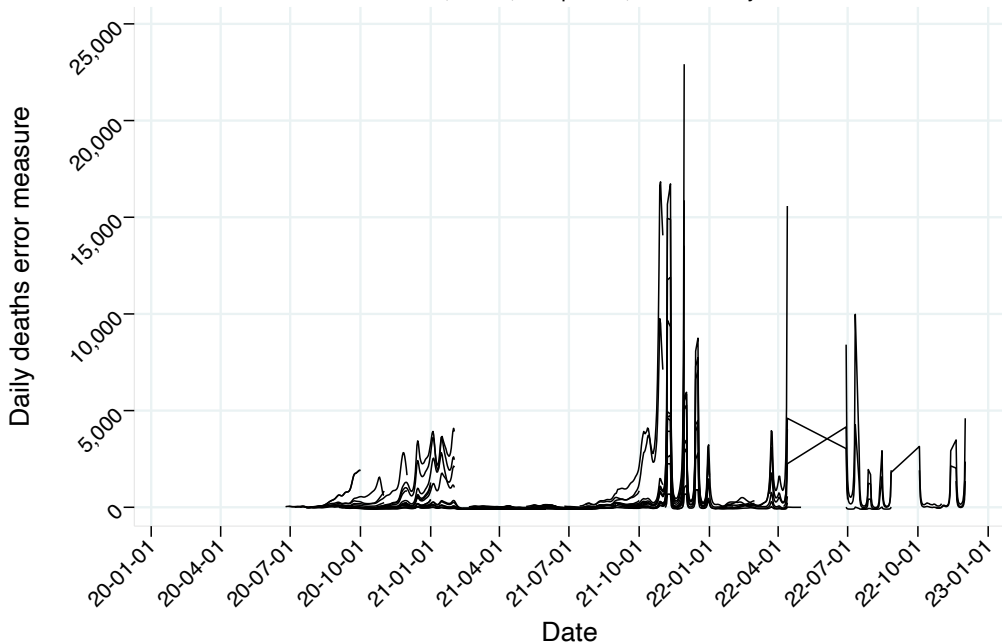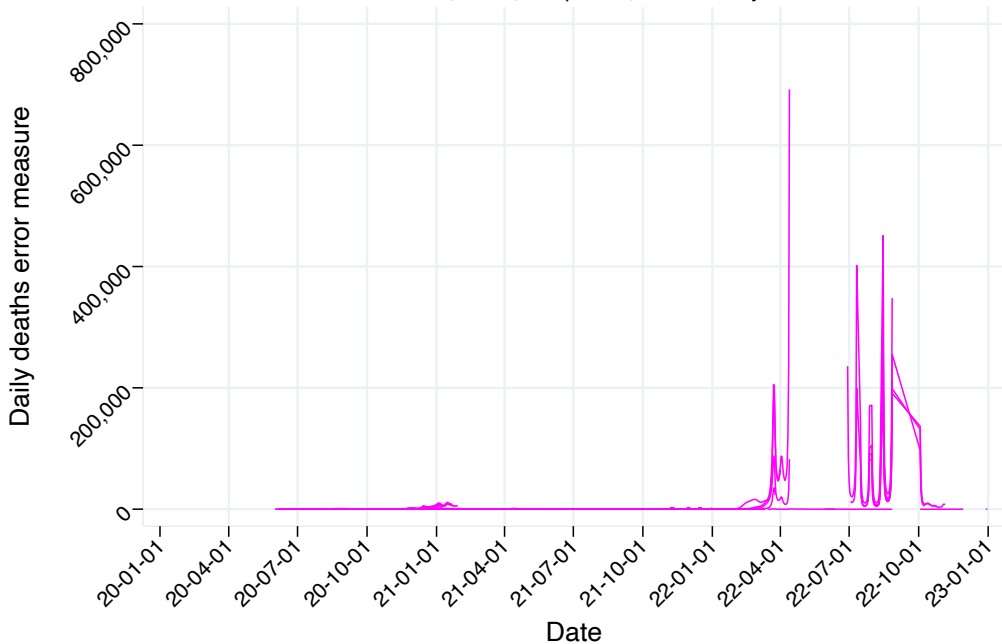C19 daily deaths percent error

Kuwait, LANL, all updates, forecast only

C19 daily deaths percent error

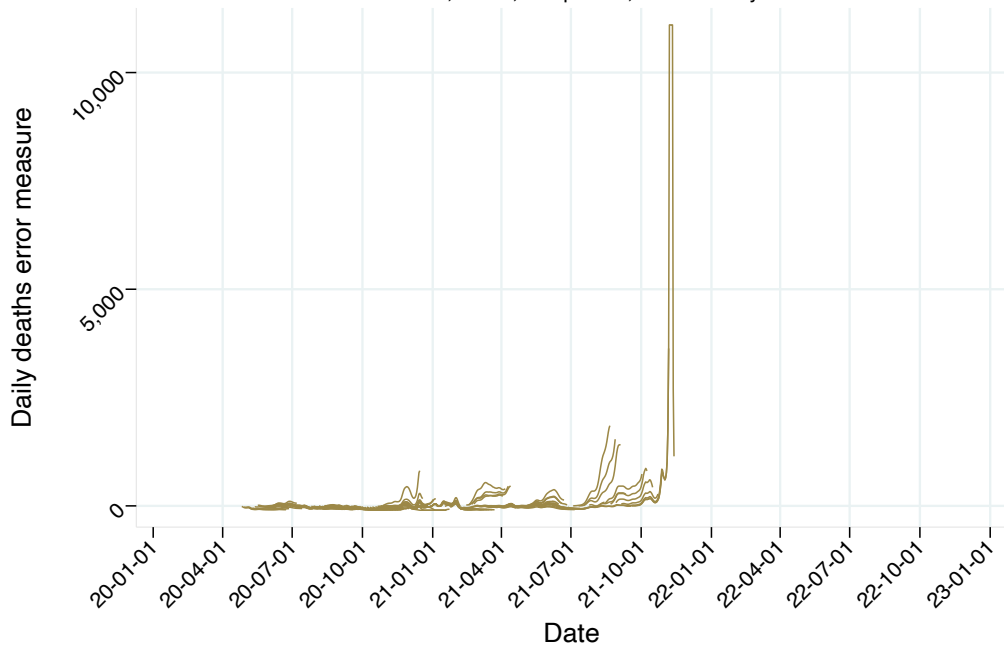Kuwait, YYGU, all updates, forecast only

C19 daily deaths absolute percent error

Kuwait, ALL MODELS, all updates, forecast only

DELP ——— IHME ——— IMPE ——— LANL ——— YYGU

C19 daily deaths absolute percent error

Kuwait, DELP, all updates, forecast only

C19 daily deaths absolute percent error

Kuwait, IHME, all updates, forecast only

C19 daily deaths absolute percent error

Kuwait, IMPE, all updates, forecast only

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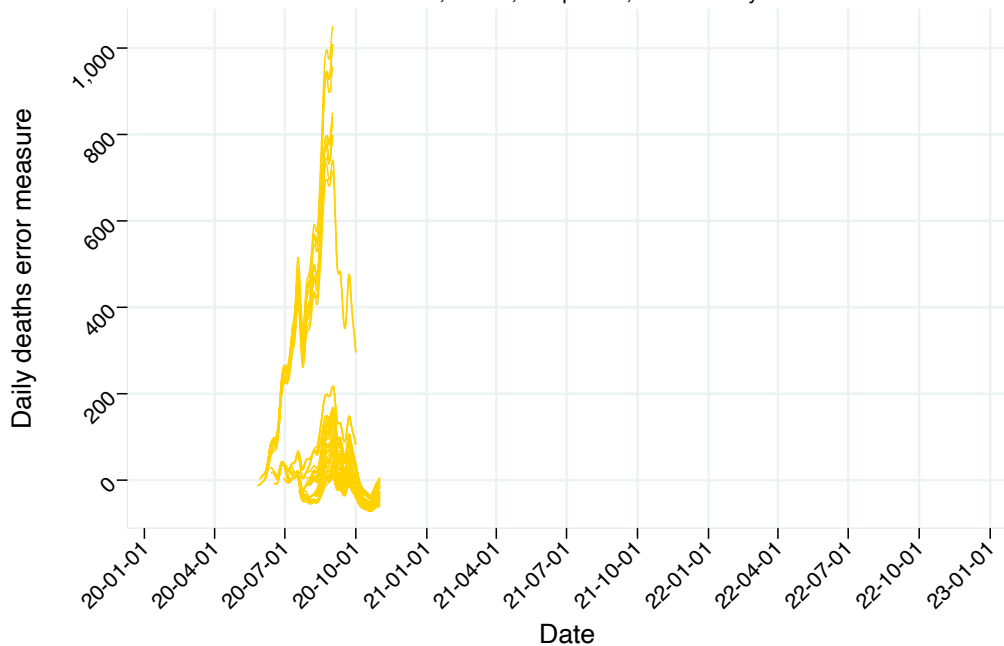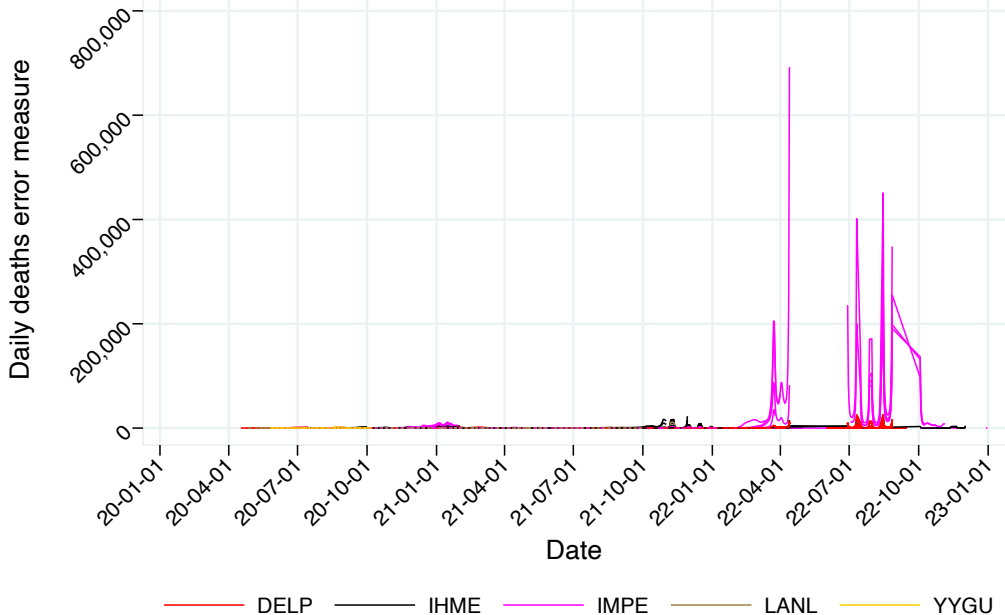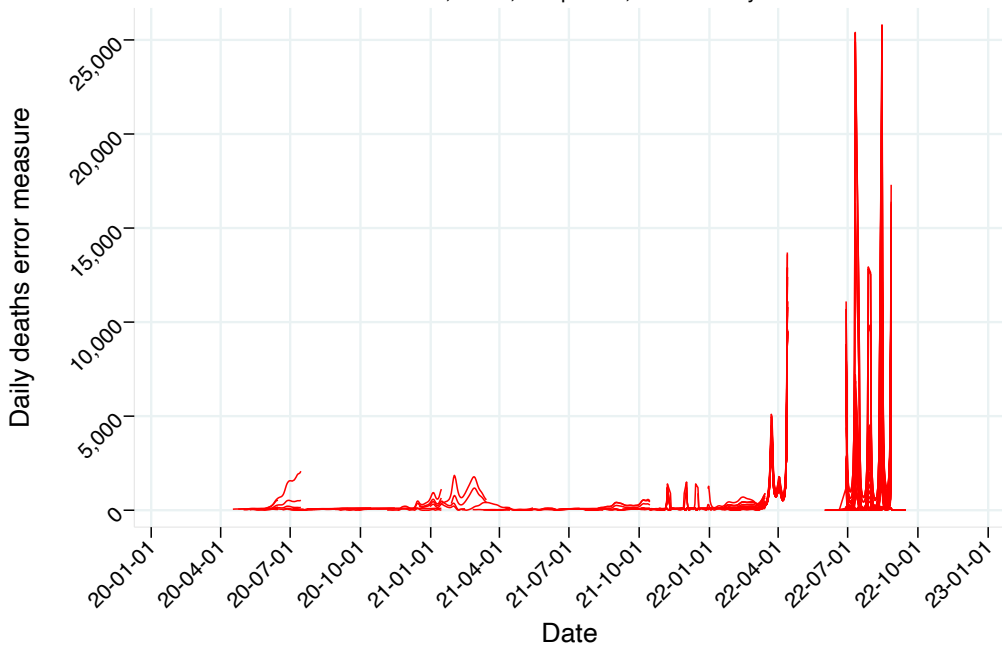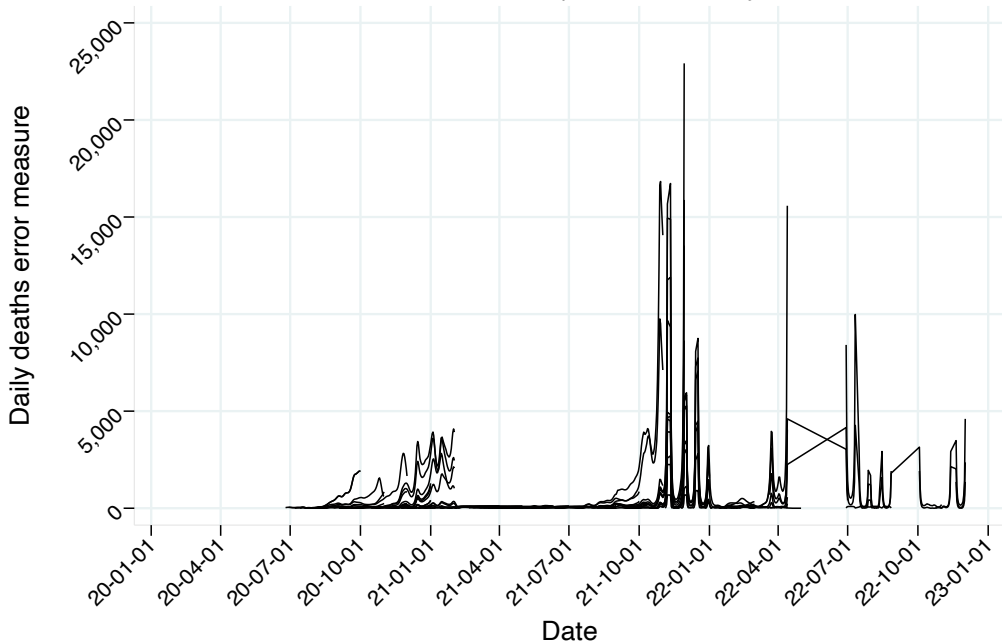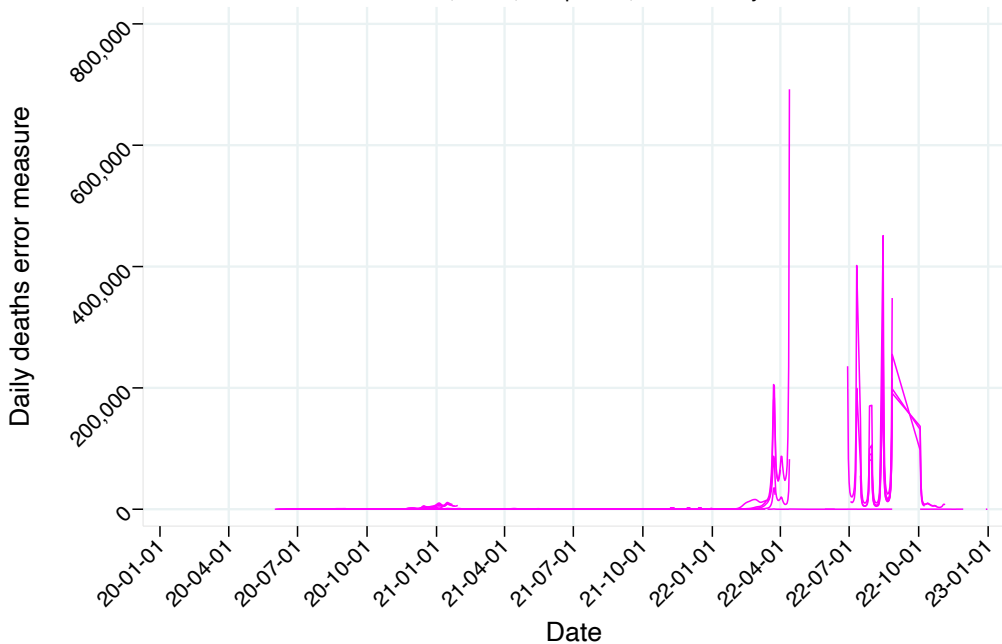
Kuwait, LANL, all updates, forecast only

C19 daily deaths absolute percent error

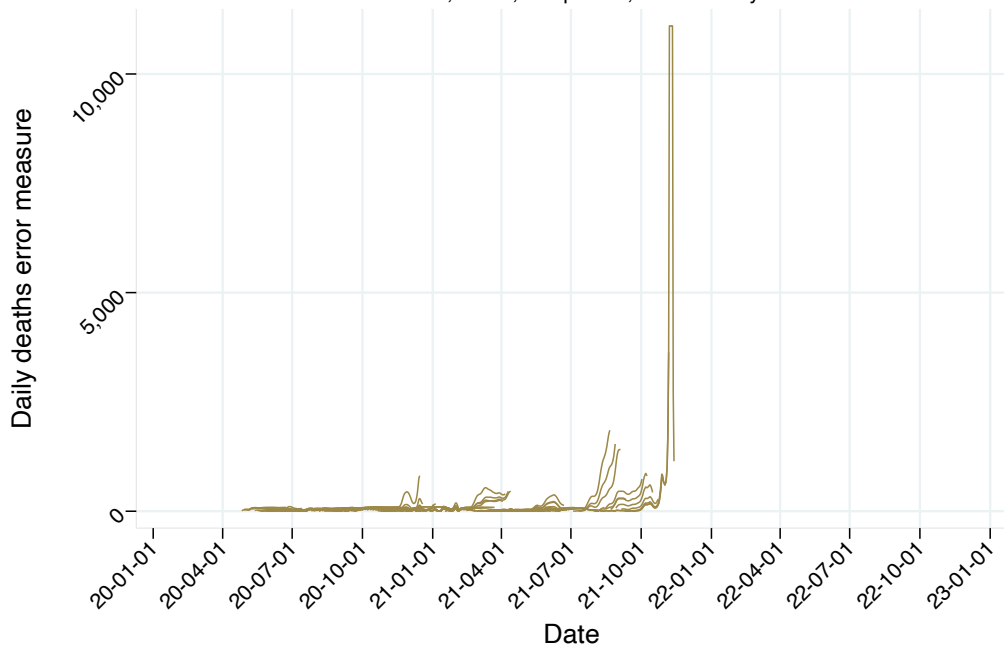Kuwait, YYGU, all updates, forecast only

C19 daily deaths, average median error

Kuwait, DELP, forecast only

C19 daily deaths, average median error

Kuwait, IHME, forecast only

C19 daily deaths, average median error

Kuwait, IMPE, forecast only

C19 daily deaths, average median error

Kuwait, LANL, forecast only

C19 daily deaths, average median error

Kuwait, YYGU, forecast only

C19 daily deaths, average median error

Kuwait, all Models, forecast only

C19 daily deaths, average median error

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

C19 daily deaths, average median absolute error

Kuwait, DELP, forecast only

C19 daily deaths, average median absolute error
Kuwait, IHME, forecast only

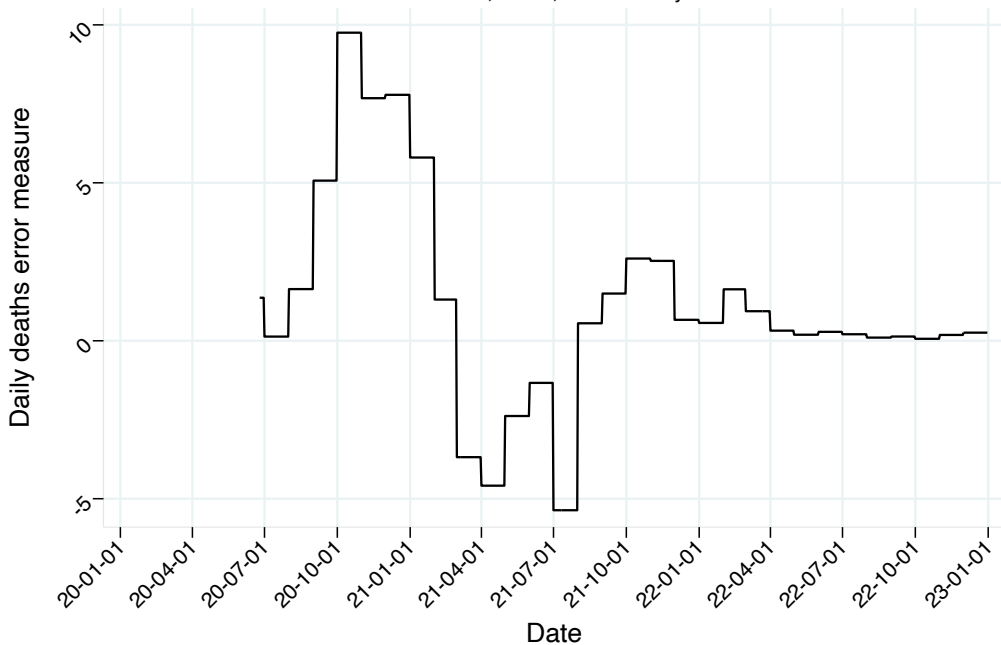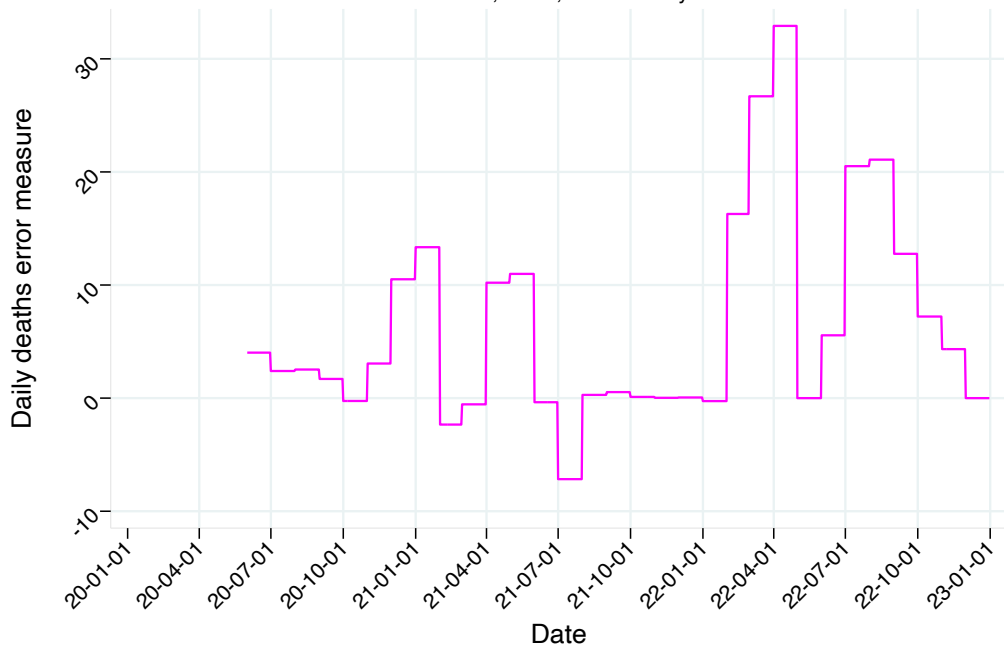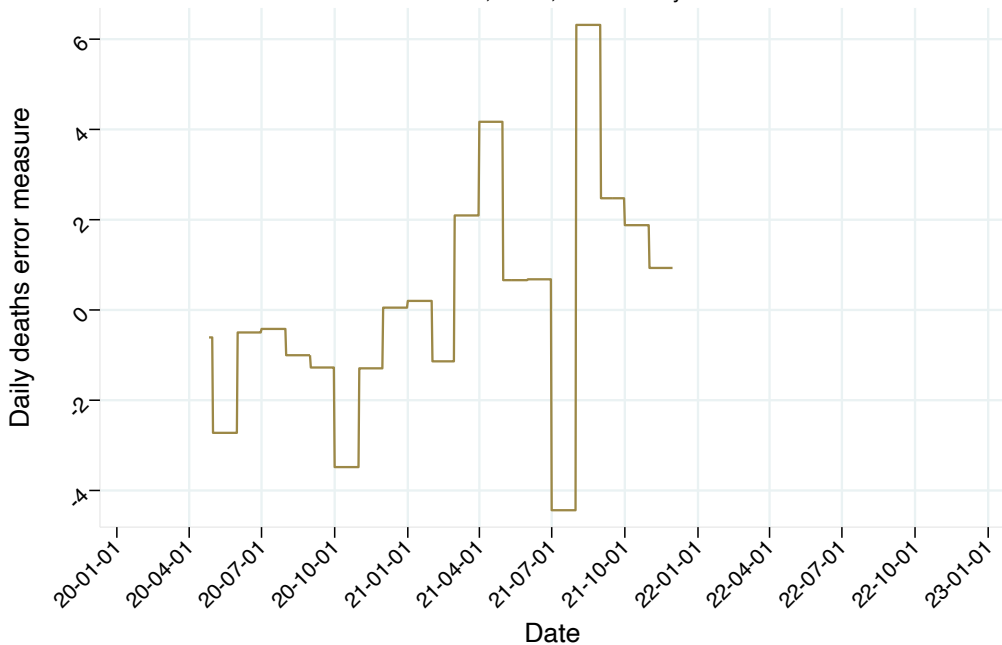C19 daily deaths, average median absolute error
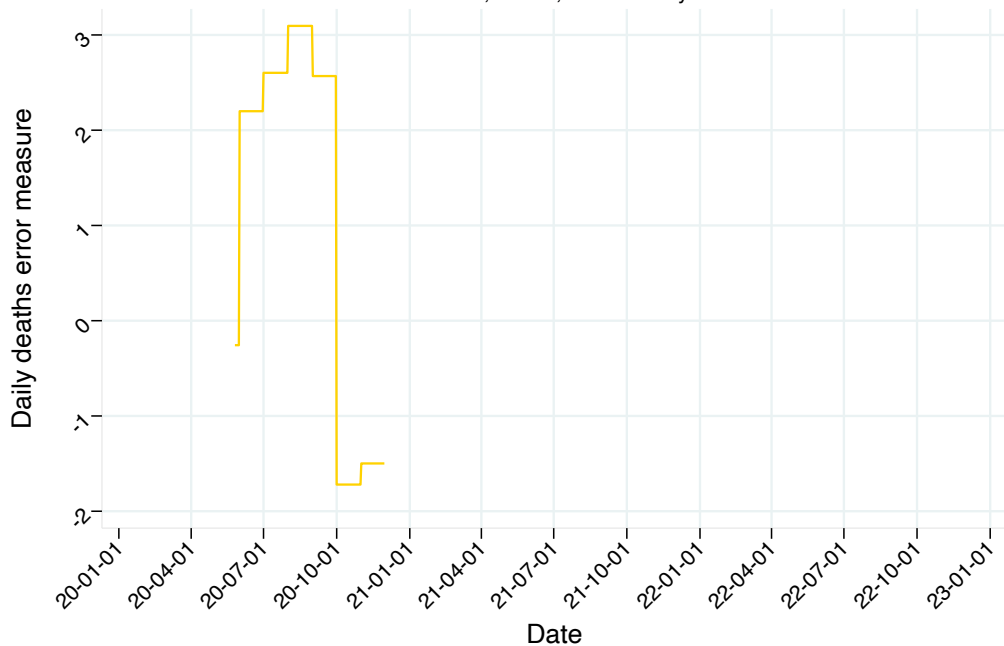
Kuwait, IMPE, forecast only

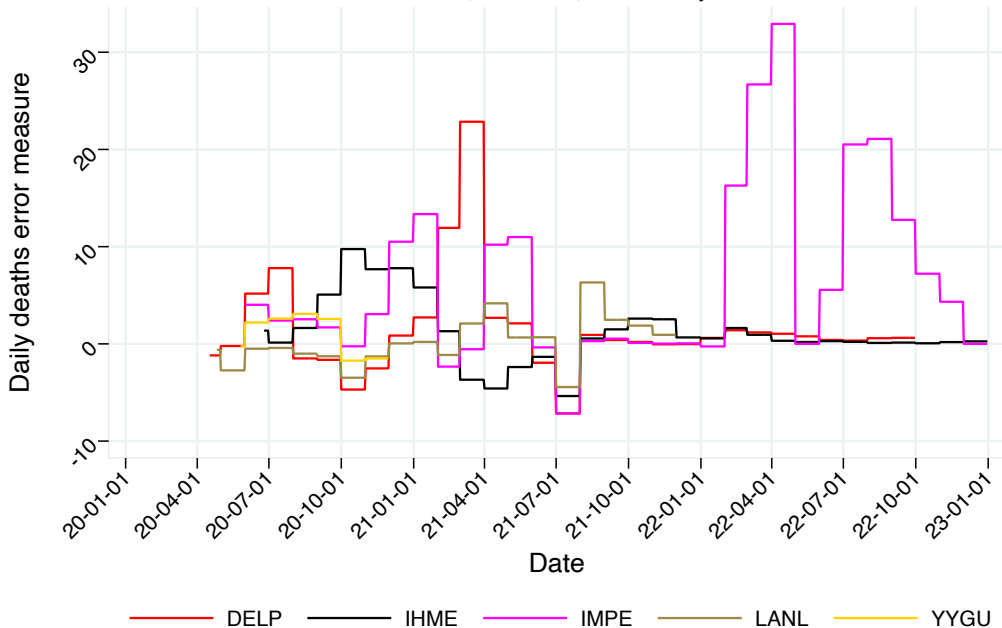C19 daily deaths, average median absolute error
Kuwait, LANL, forecast only

C19 daily deaths, average median absolute error

Kuwait, YYGU, forecast only

**C19 daily deaths, average median absolute error**

Kuwait, all Models, forecast only

Legend: DELP, IHME, IMPE, LANL, YYGU

C19 daily deaths, average median absolute error

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

Daily deaths error measure vs Date
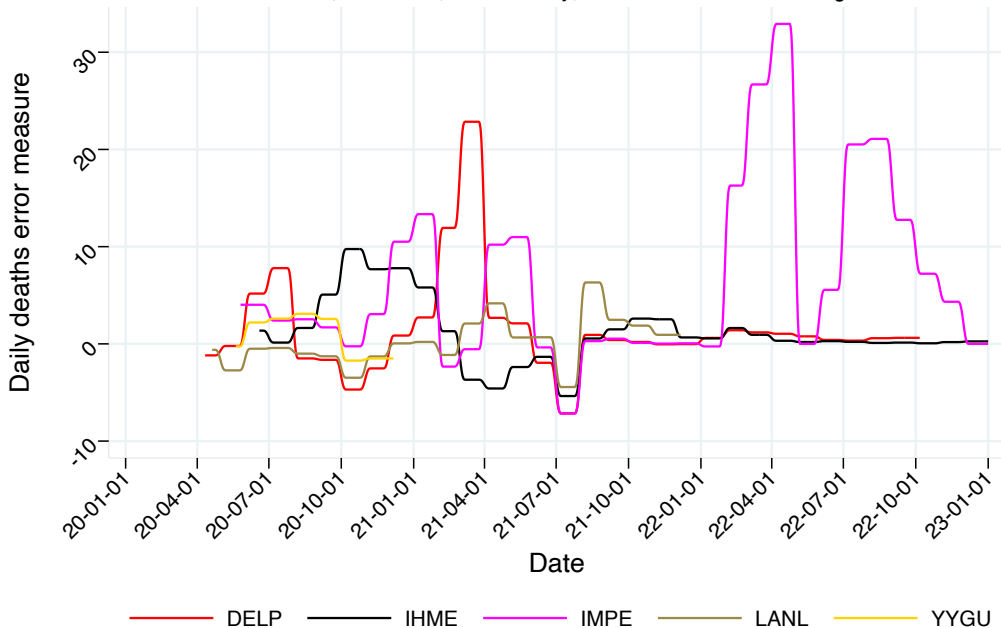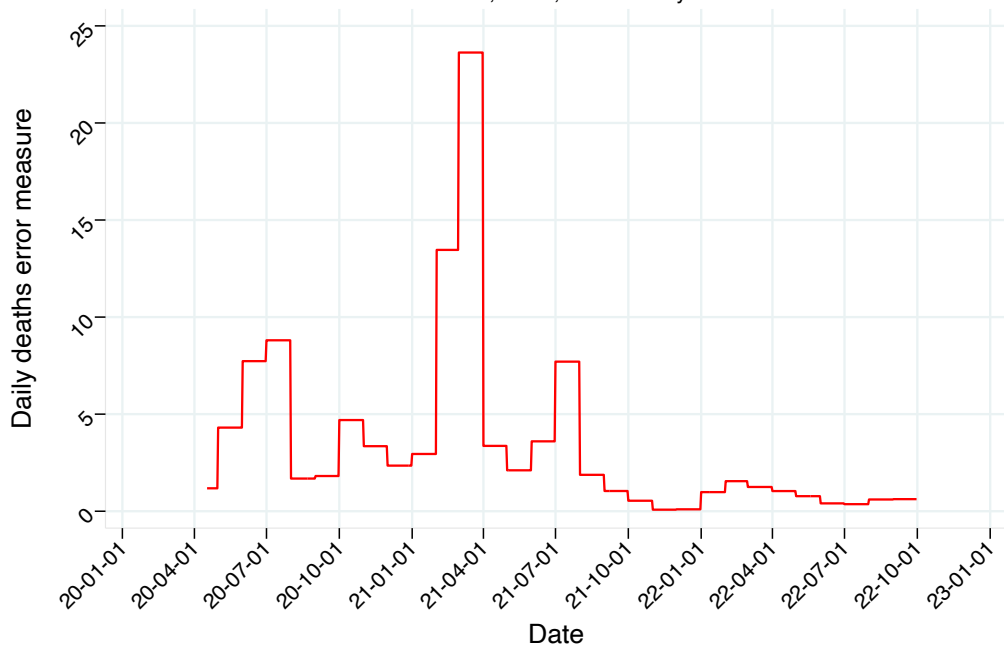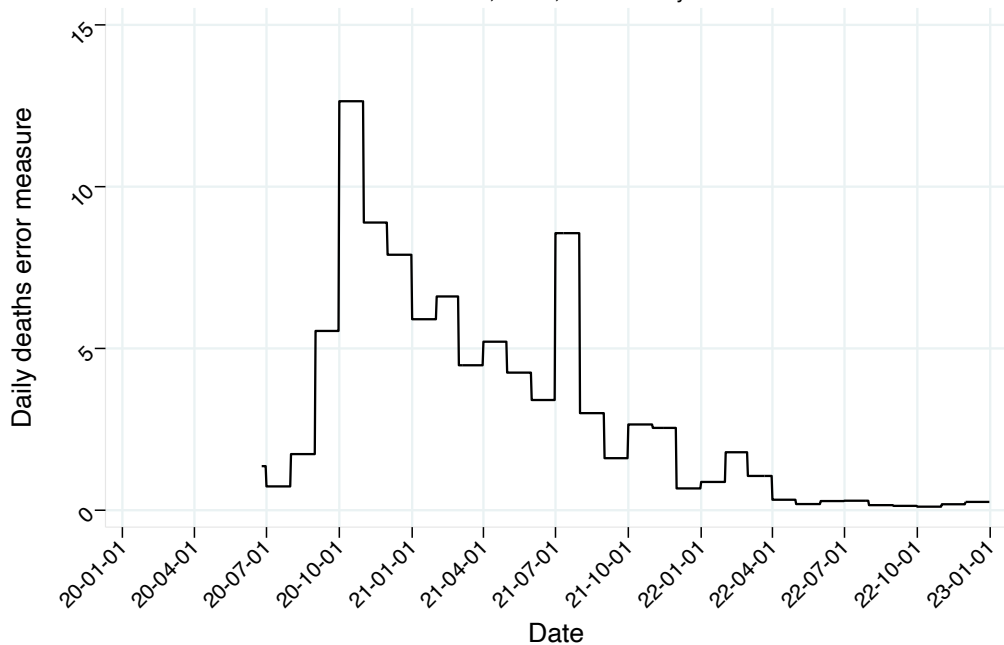
DELP — IHME — IMPE — LANL — YYGU

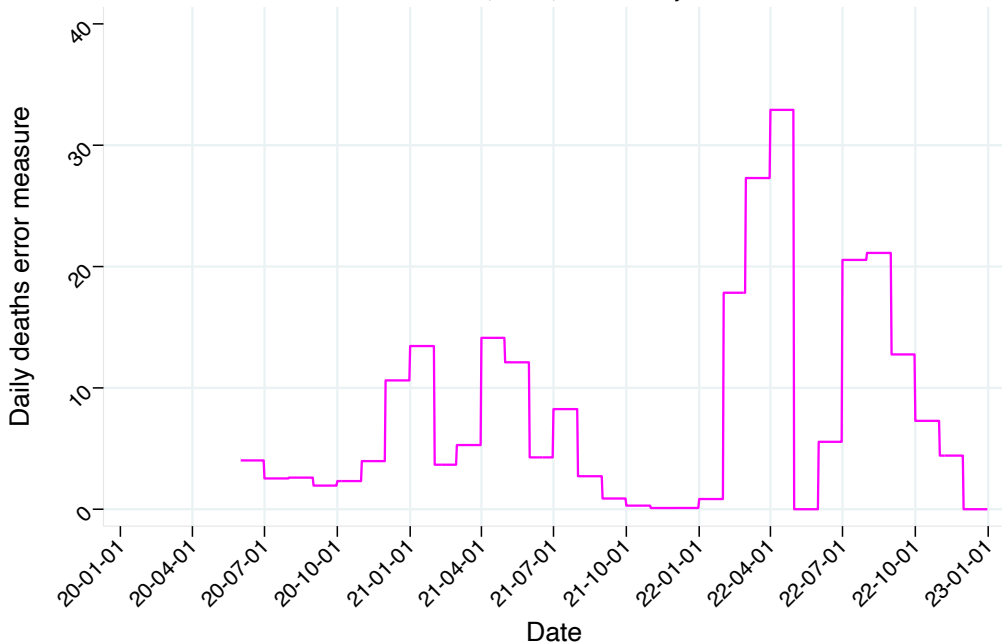C19 daily deaths, average median percent error

Kuwait, DELP, forecast only

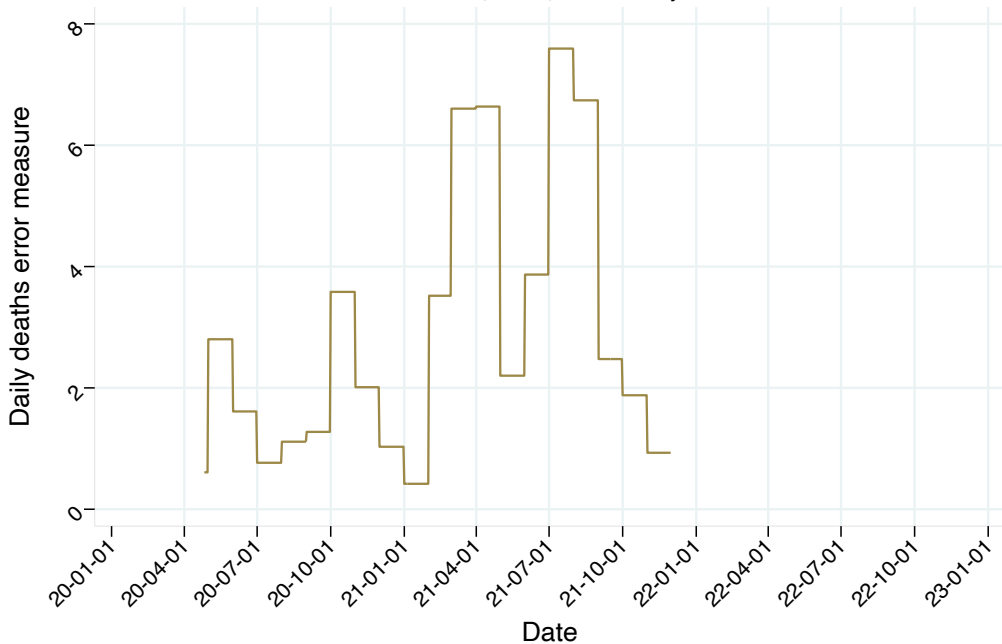C19 daily deaths, average median percent error

Kuwait, IHME, forecast only

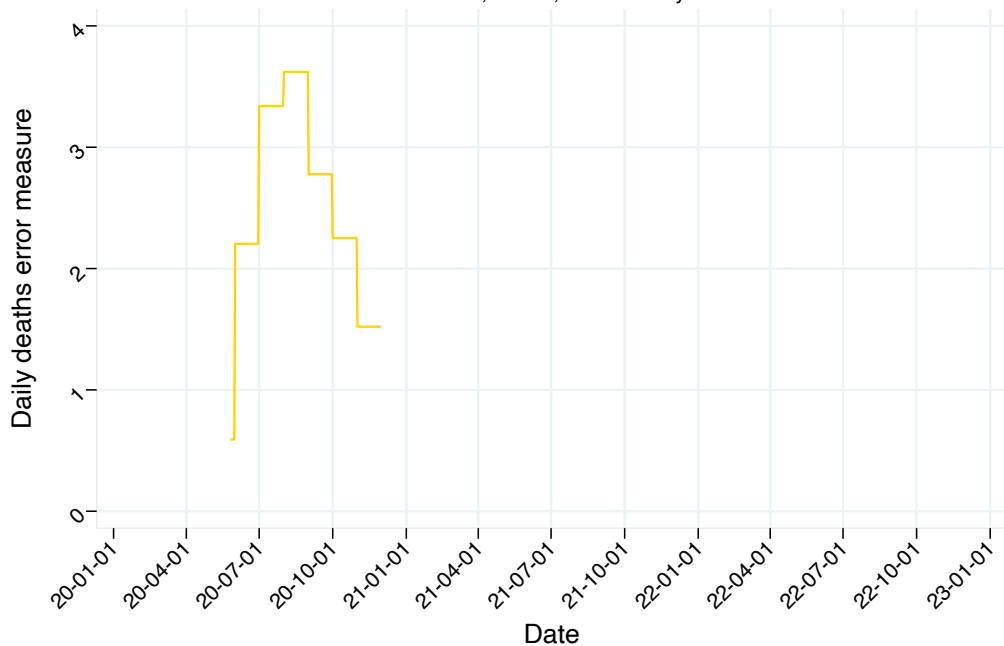C19 daily deaths, average median percent error

Kuwait, IMPE, forecast only

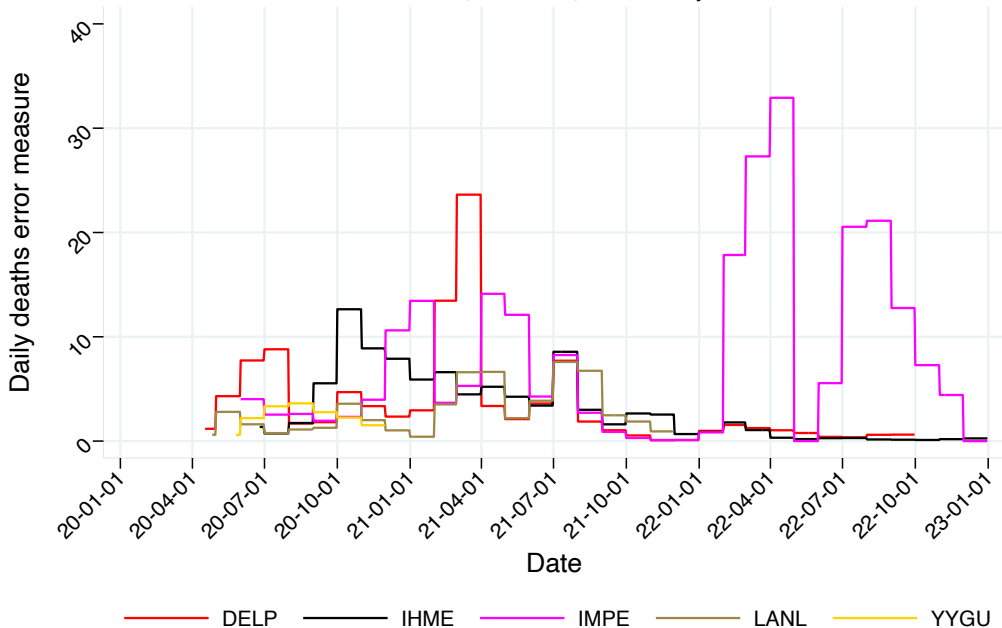C19 daily deaths, average median percent error

Kuwait, LANL, forecast only

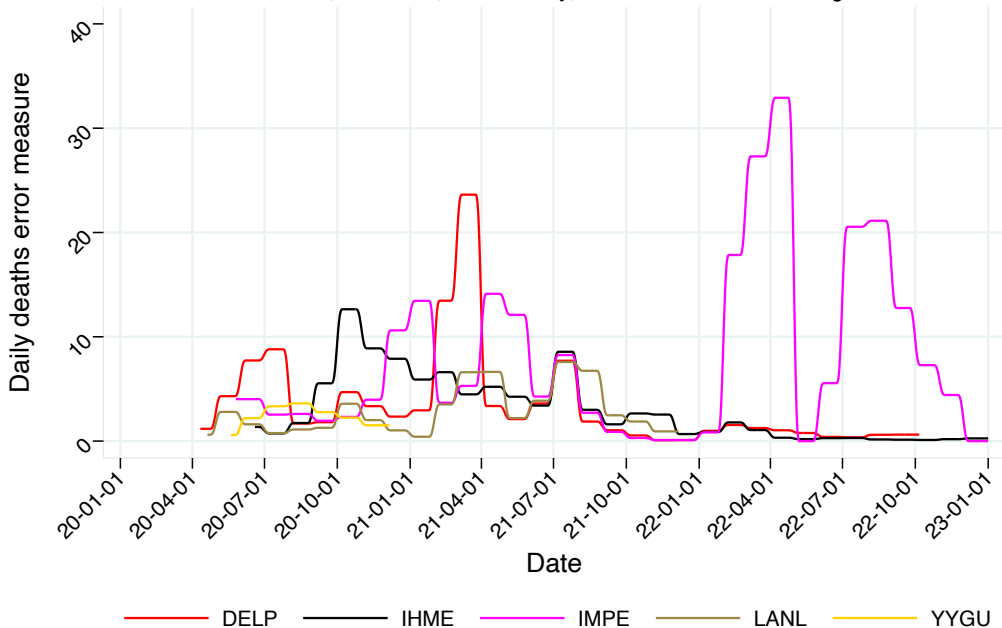C19 daily deaths, average median percent error

Kuwait, YYGU, forecast only

C19 daily deaths, average median percent error

Kuwait, all Models, forecast only

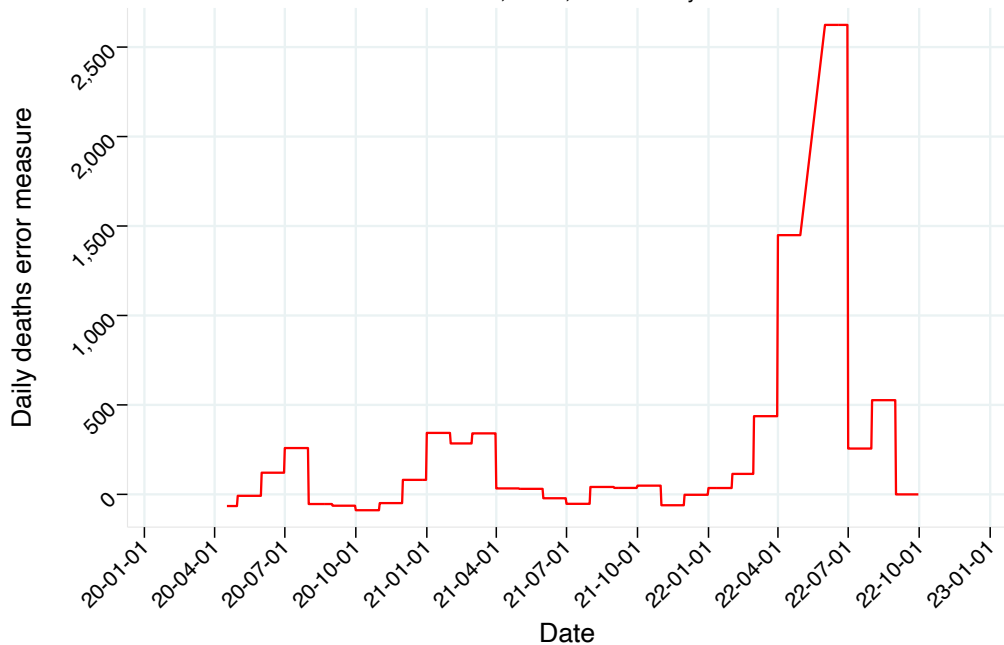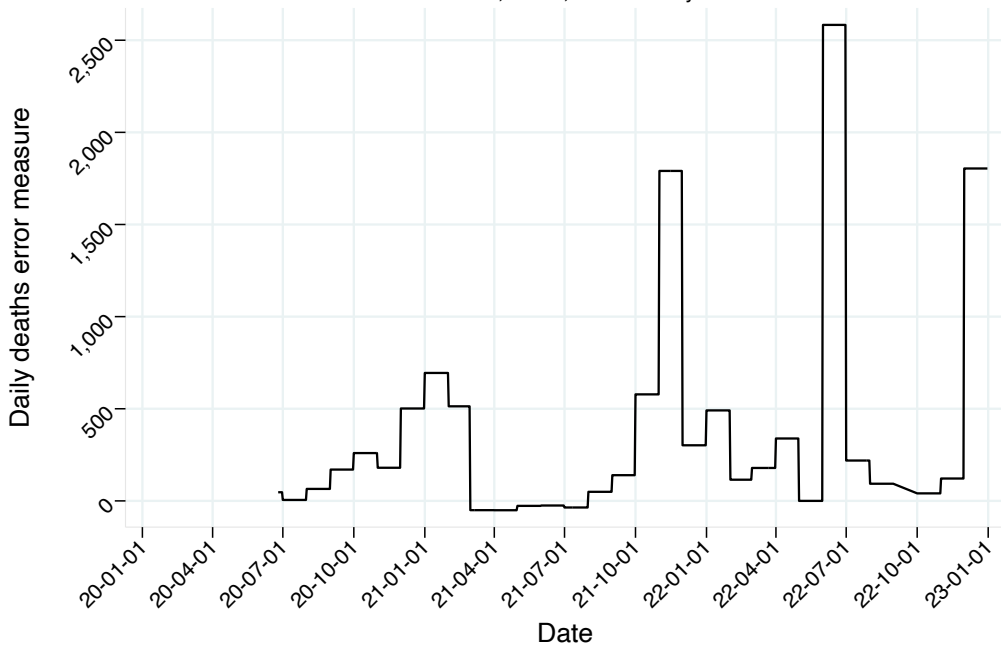Daily deaths error measure

| DELP | IHME | IMPE | LANL | YYGU |

C19 daily deaths, average median percent error

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

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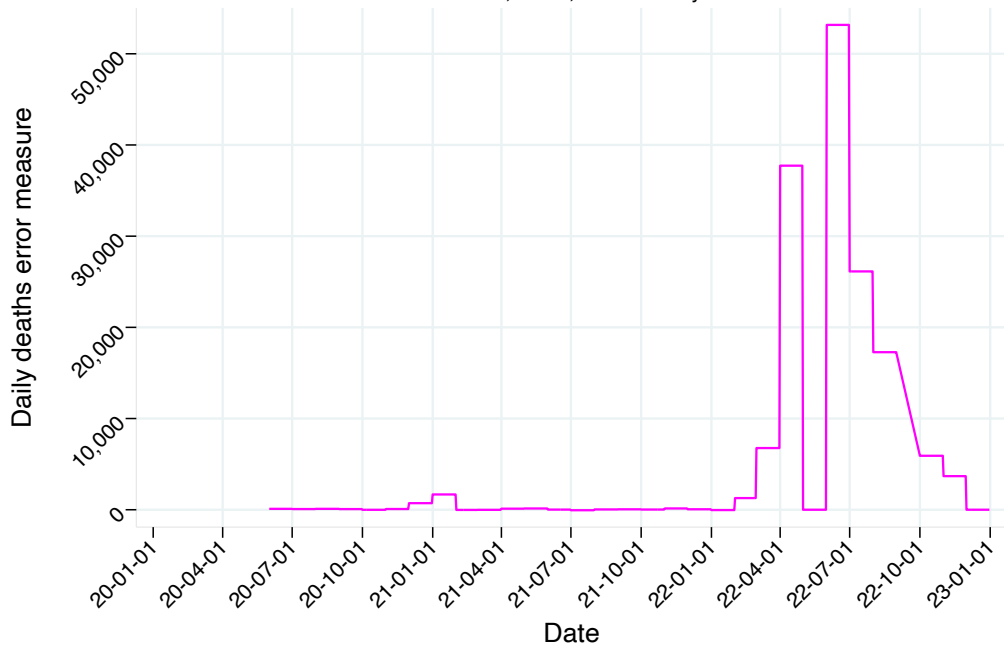
Kuwait, DELP, forecast only

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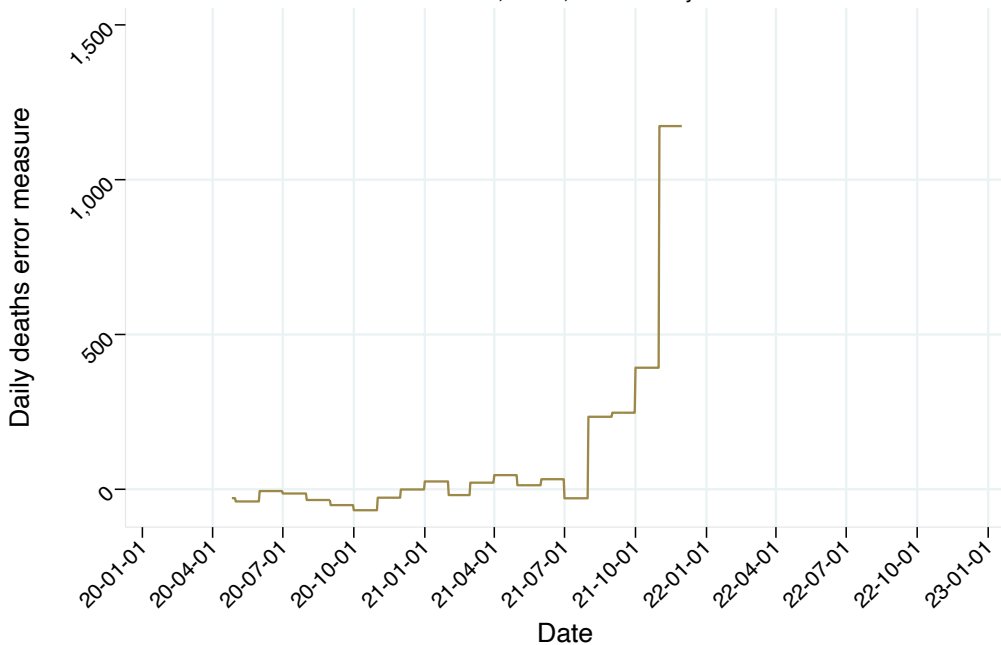Kuwait, IHME, forecast only

C19 daily deaths, average median absolute percent error
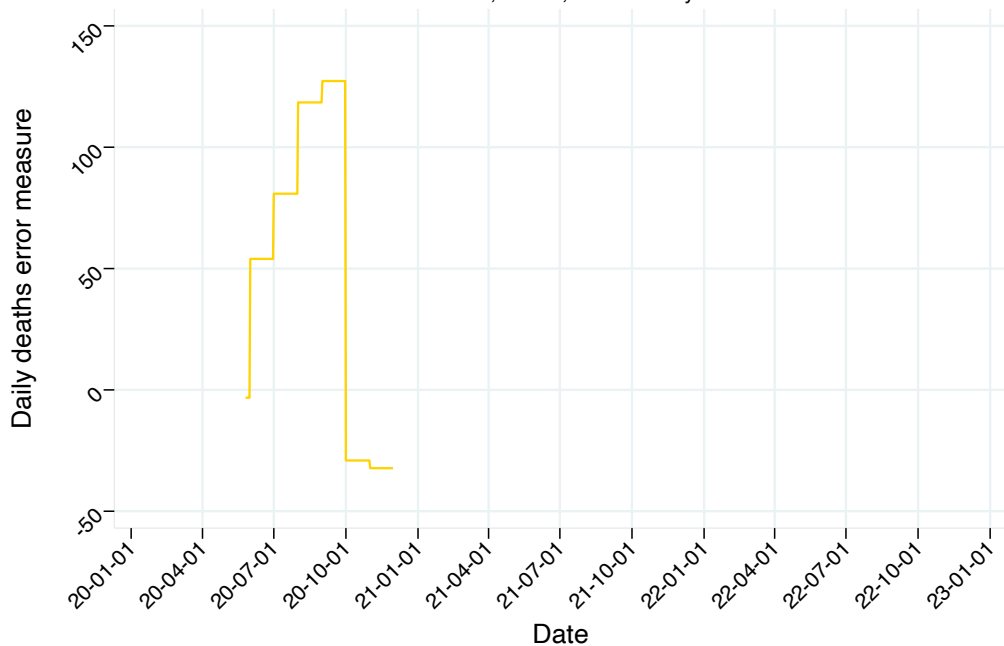
Kuwait, IMPE, forecast only

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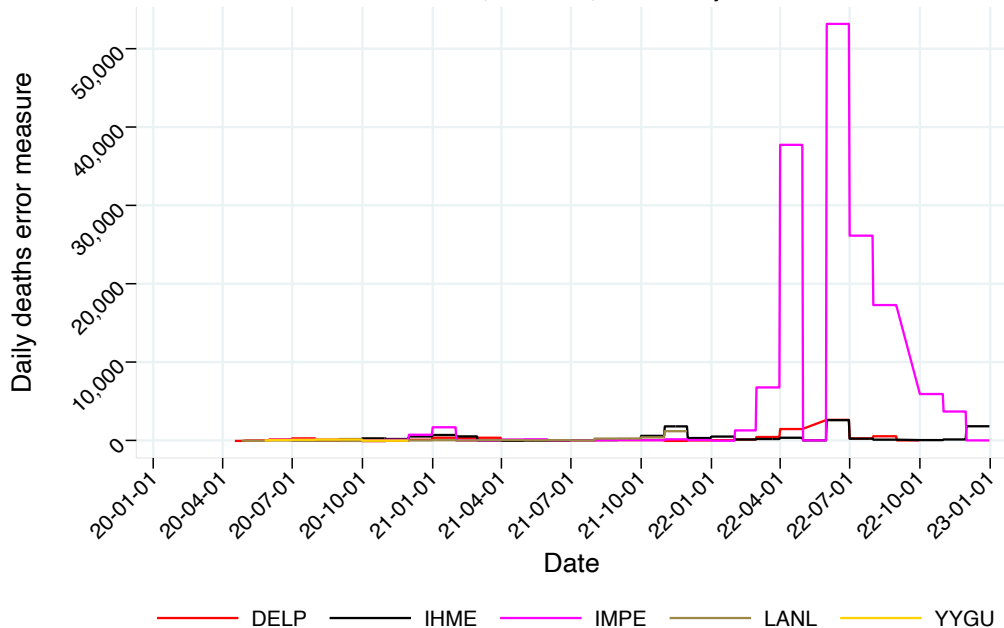
Kuwait, LANL, forecast only

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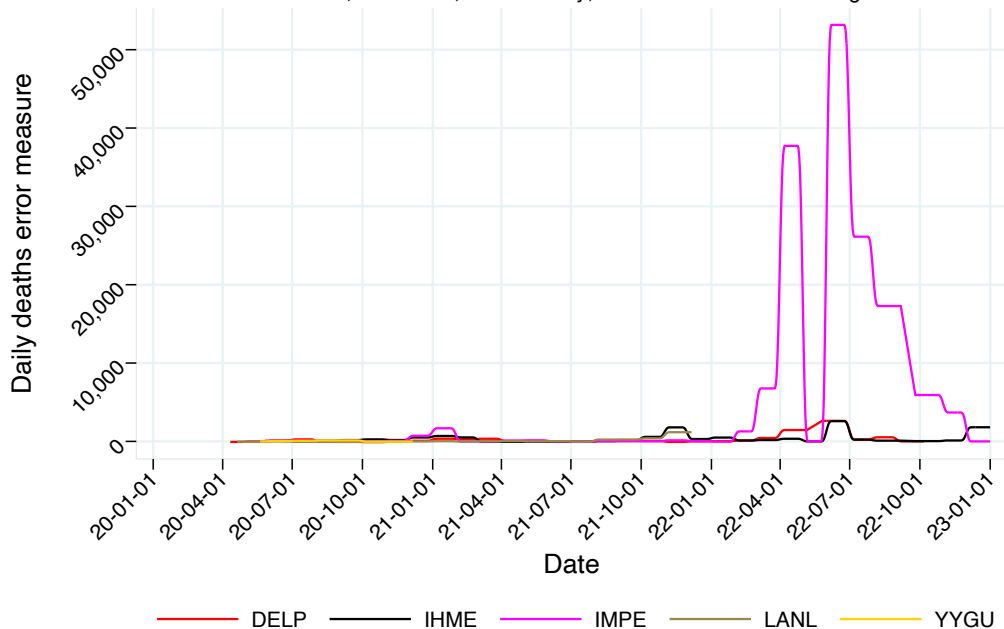
Kuwait, YYGU, forecast only

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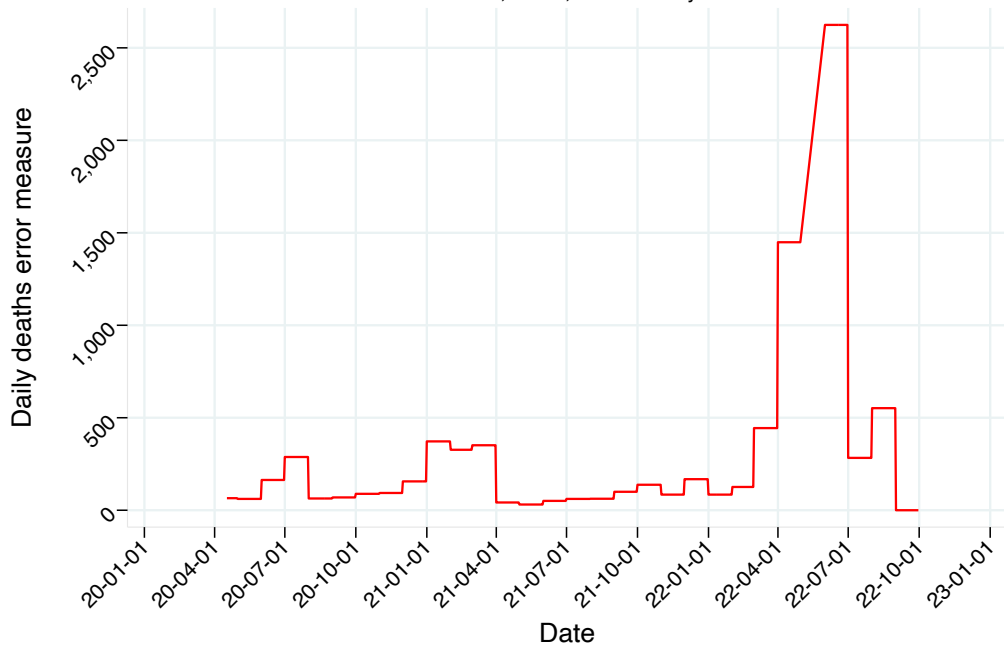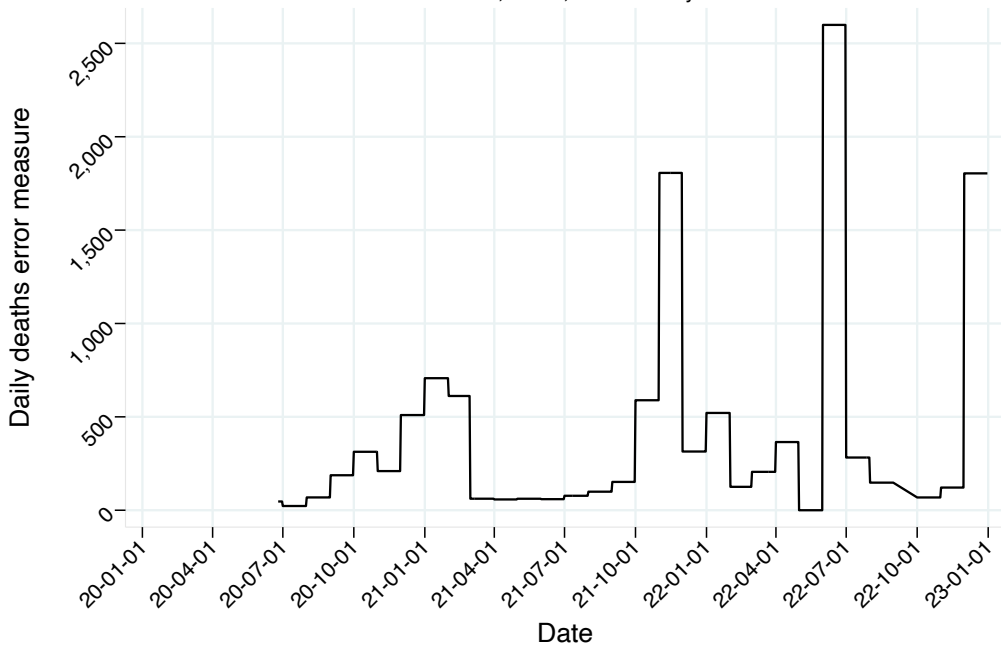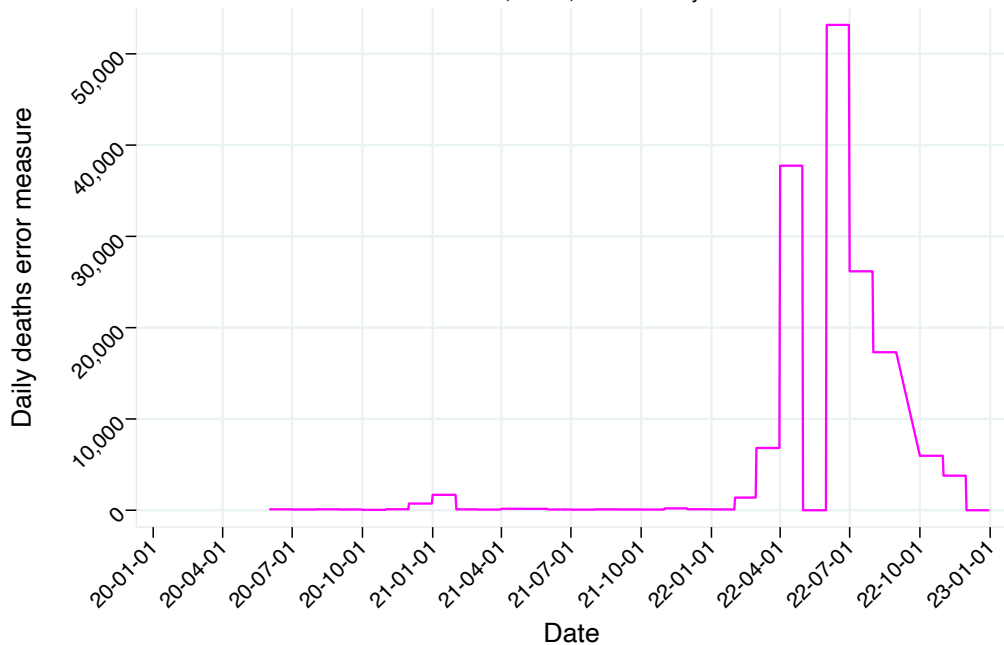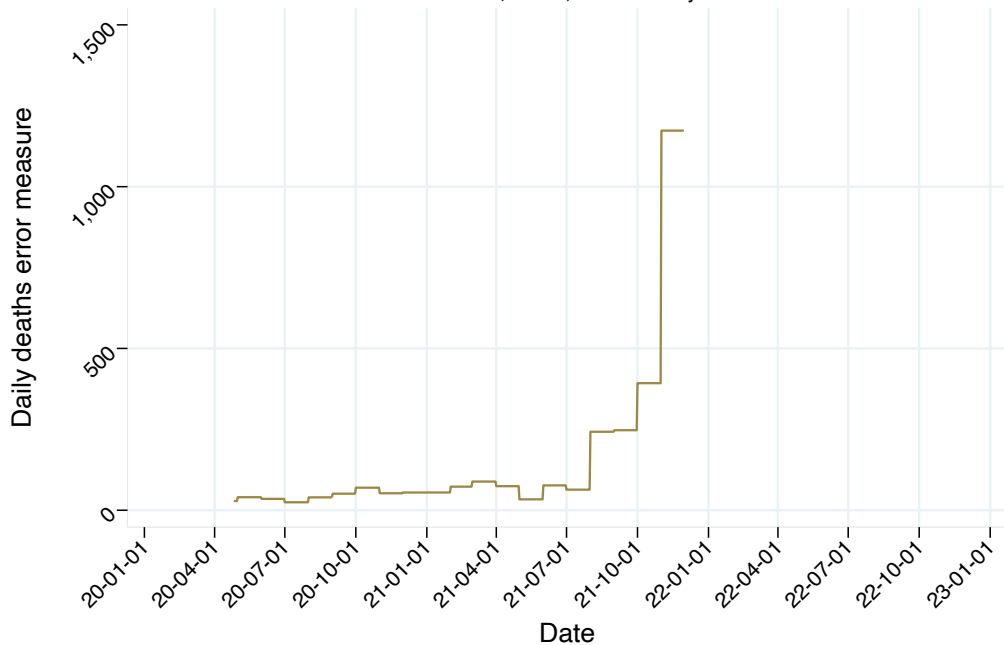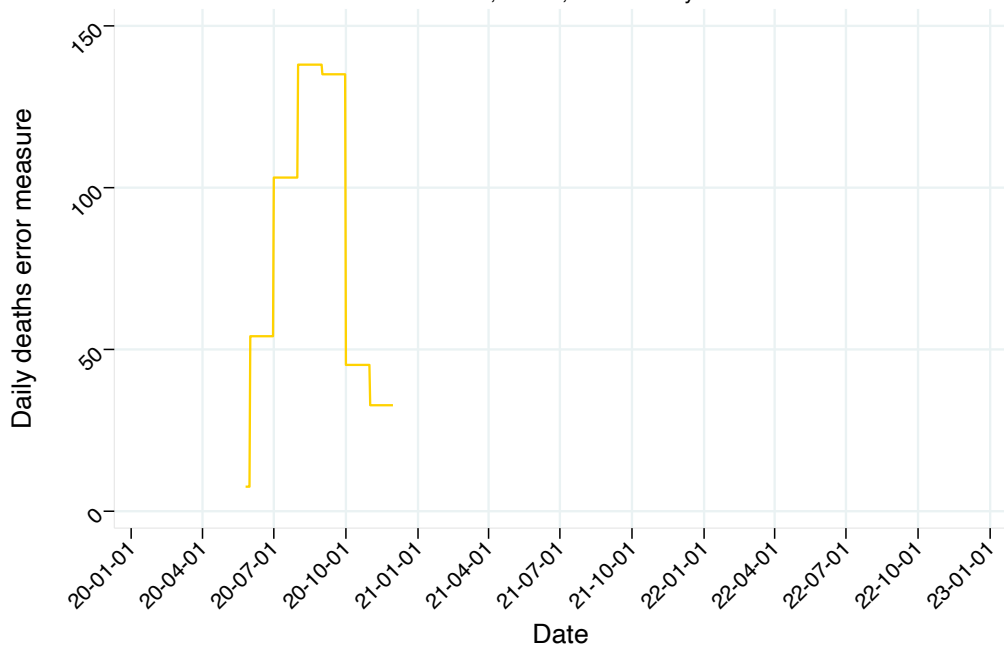
Kuwait, all Models, forecast only

C19 daily deaths, average median absolute percent error

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

DELP — IHME — IMPE — LANL — YYGU

# C19 daily deaths average MAPE over updates and calendar months

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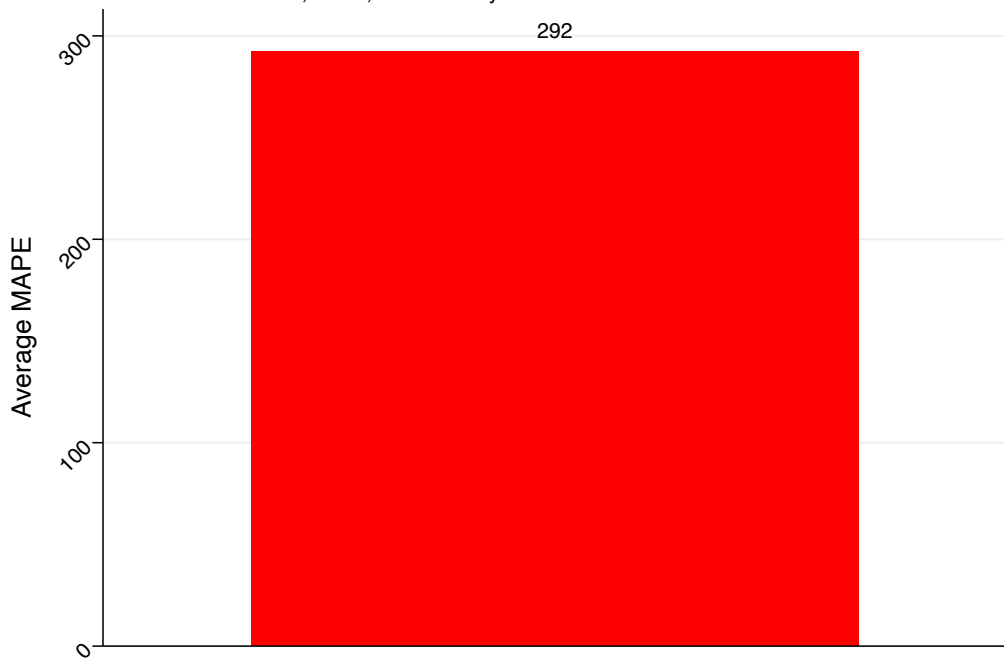
# C19 daily deaths average MAPE over updates and calendar months

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

# C19 daily deaths average MAPE over updates and calendar months

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

C19 daily deaths average MAPE over updates and calendar months

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

# C19 daily deaths average MAPE over updates and calendar months

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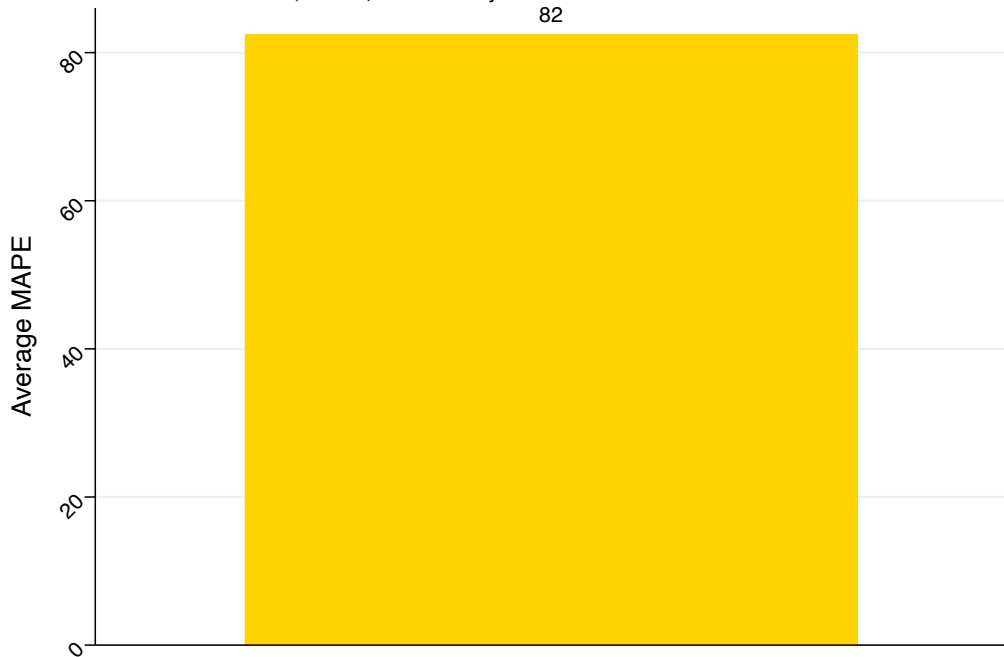
C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Kuwait
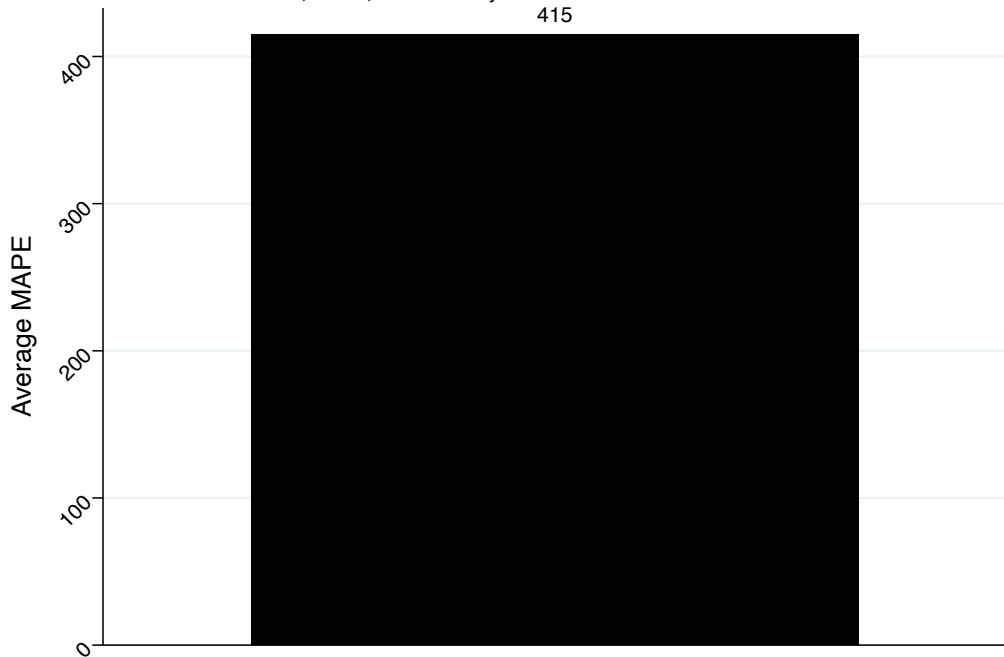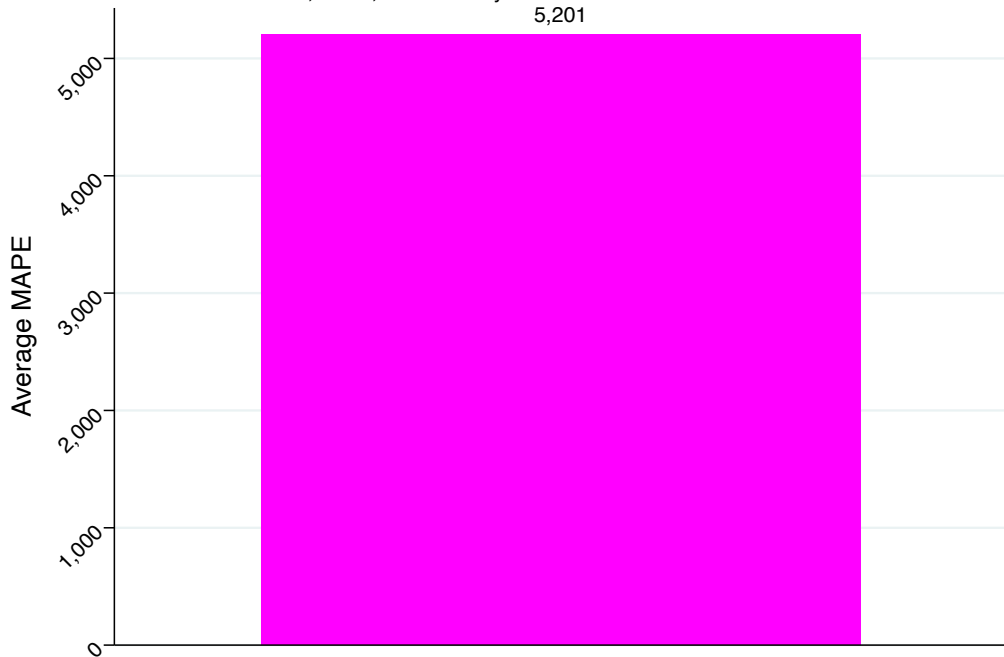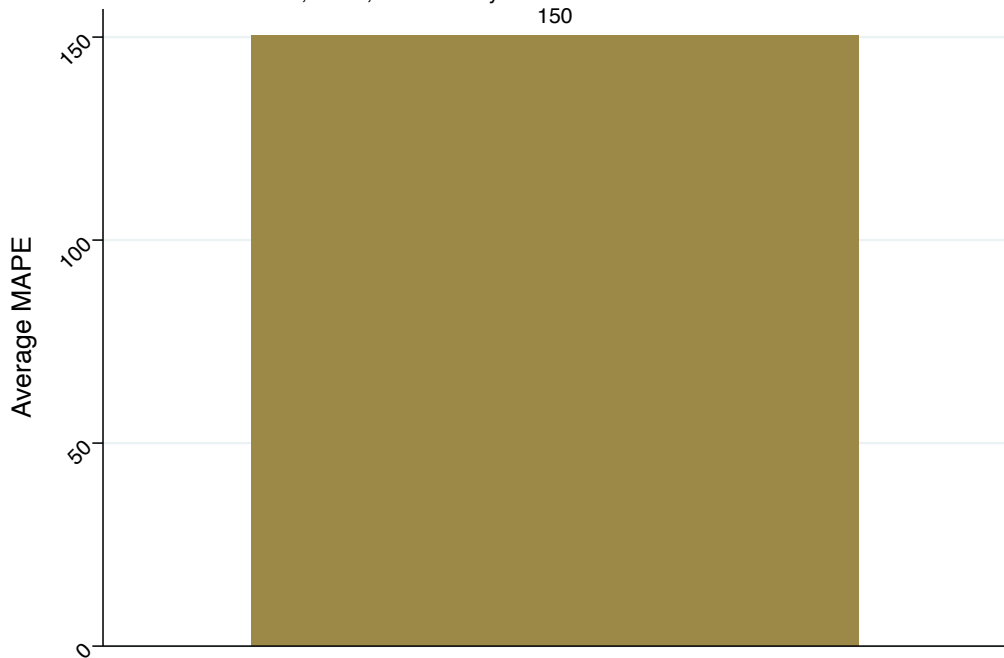
C19 daily deaths average of Absolute Error
Over updates and calendar months; forecast only; Kuwait
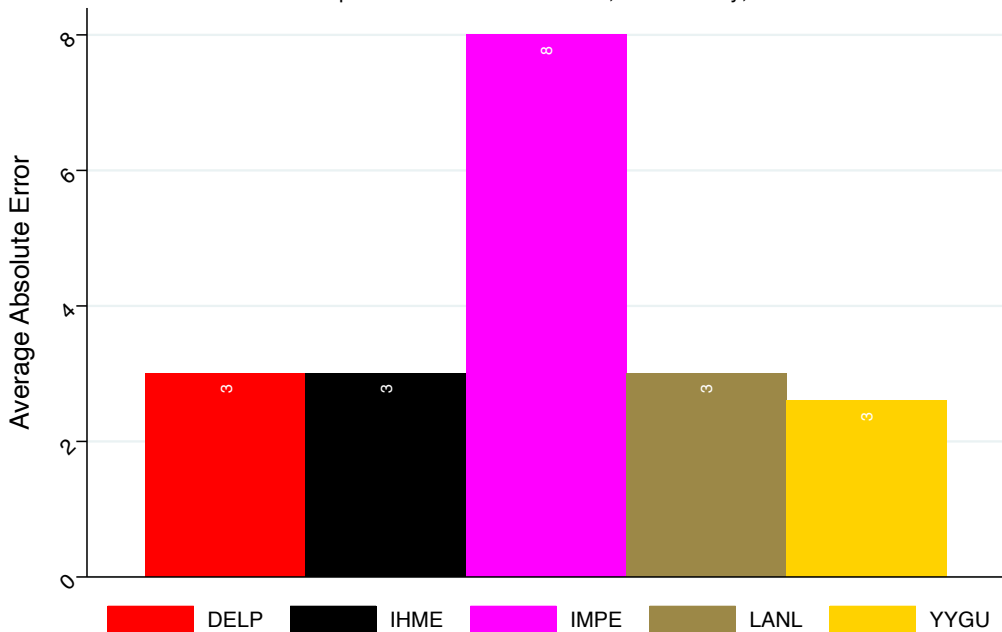
# C19 daily deaths average of Percent Error

Over updates and calendar months; forecast only; Kuwait
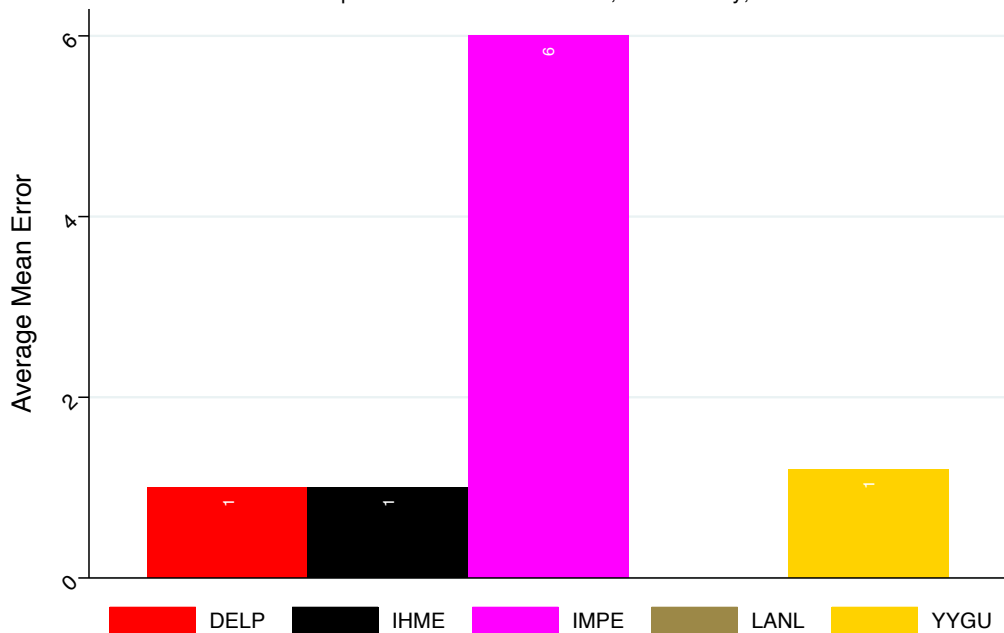


| DELP | IHME | IMPE | LANL | YYGU |

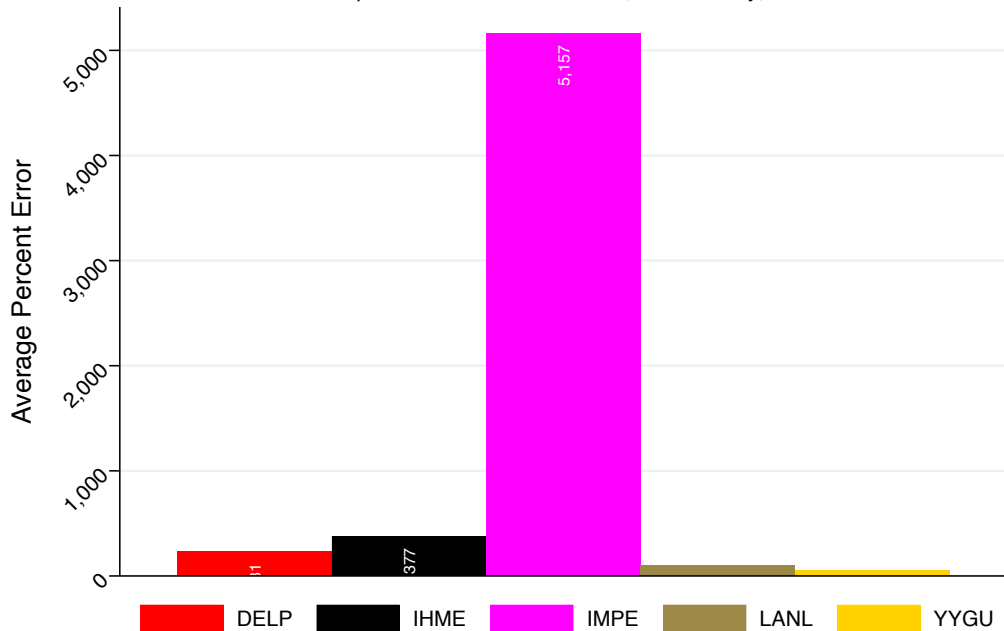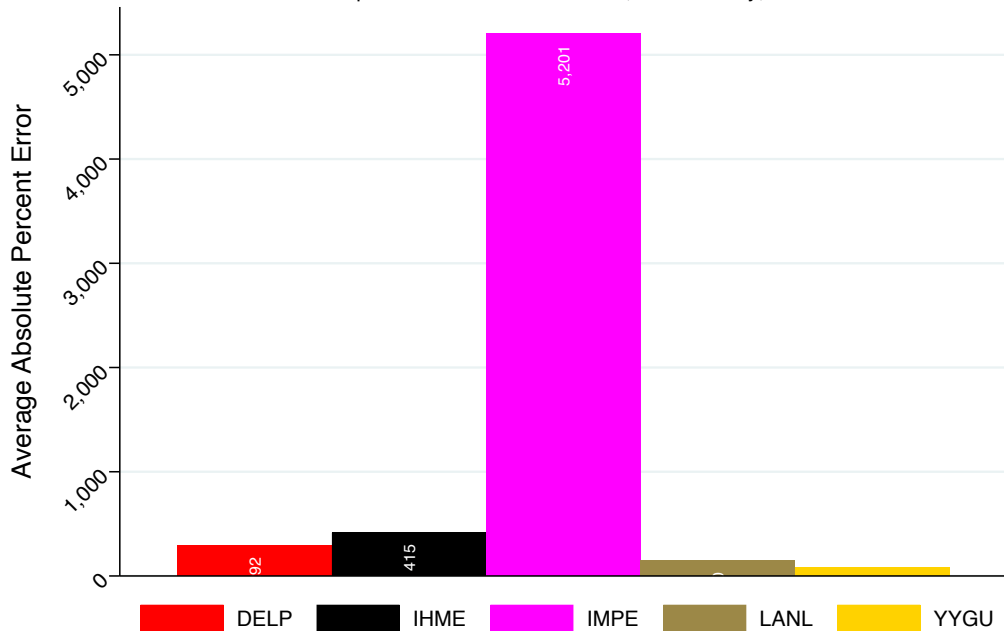# C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Kuwait



Average Absolute Percent Error

5,201

415

92

DELP   IHME   IMPE   LANL   YYGU

C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Kuwait

Average error measures

| | Error | Absolute error | Percent error | Absolute percent error |
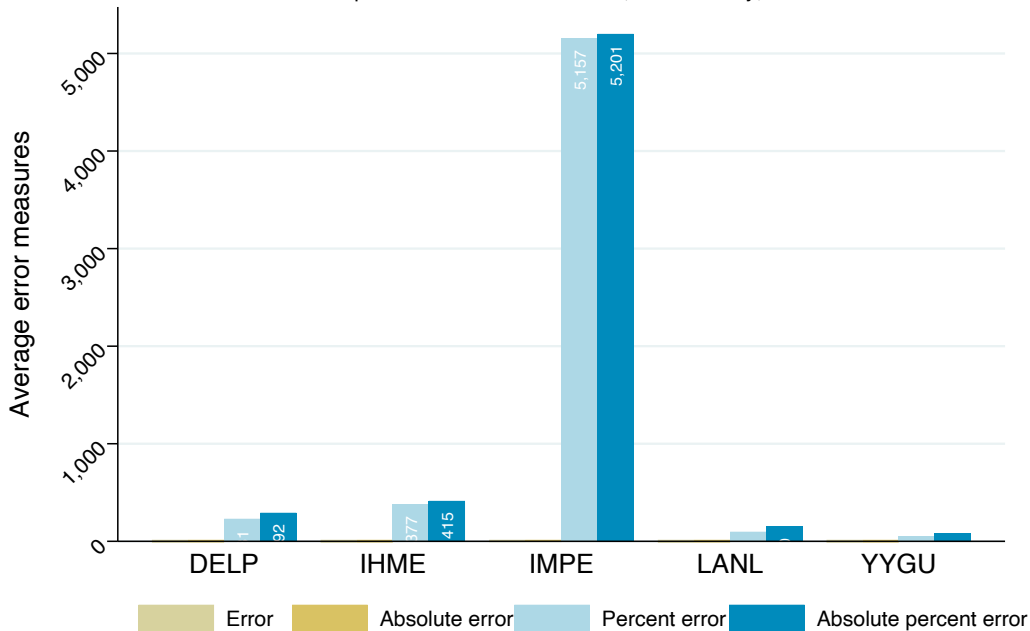
# C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Kuwait

Average error measures

5,000 — 5,157 — 5,201

4,000

3,000

2,000

1,000

0 — 1 — 377 — 92 — 415

Error | Absolute Error | Percent Error | Absolute % Error

DELP | IHME | IMPE | LANL | YYGU