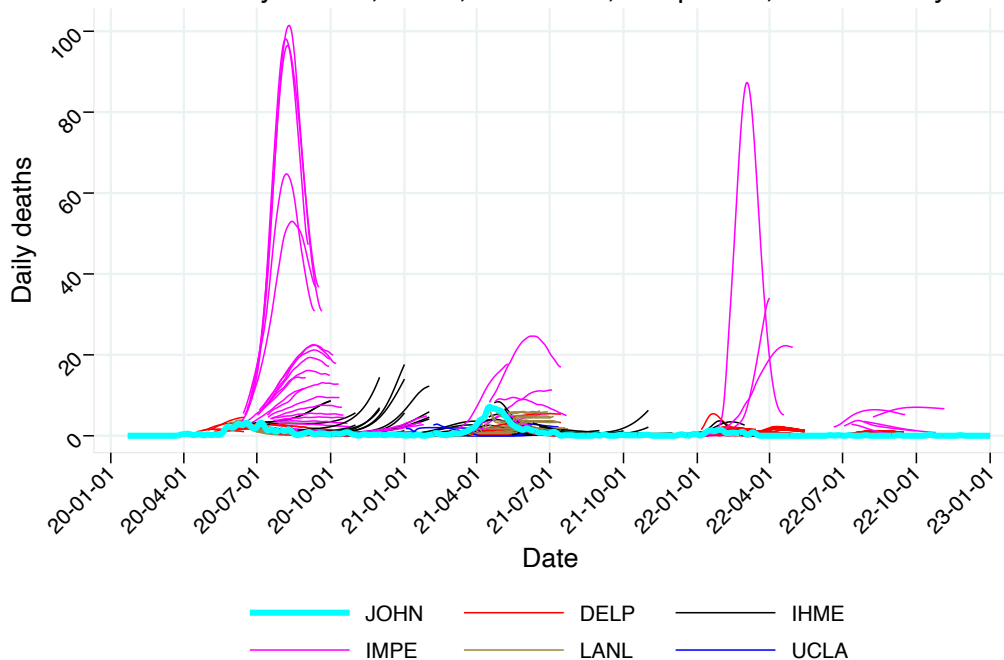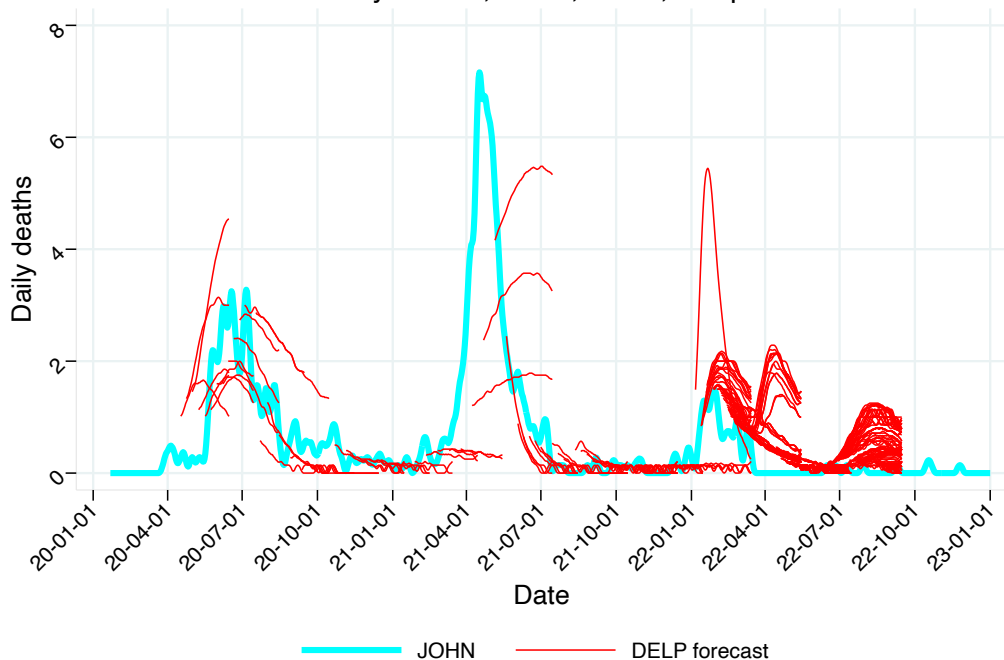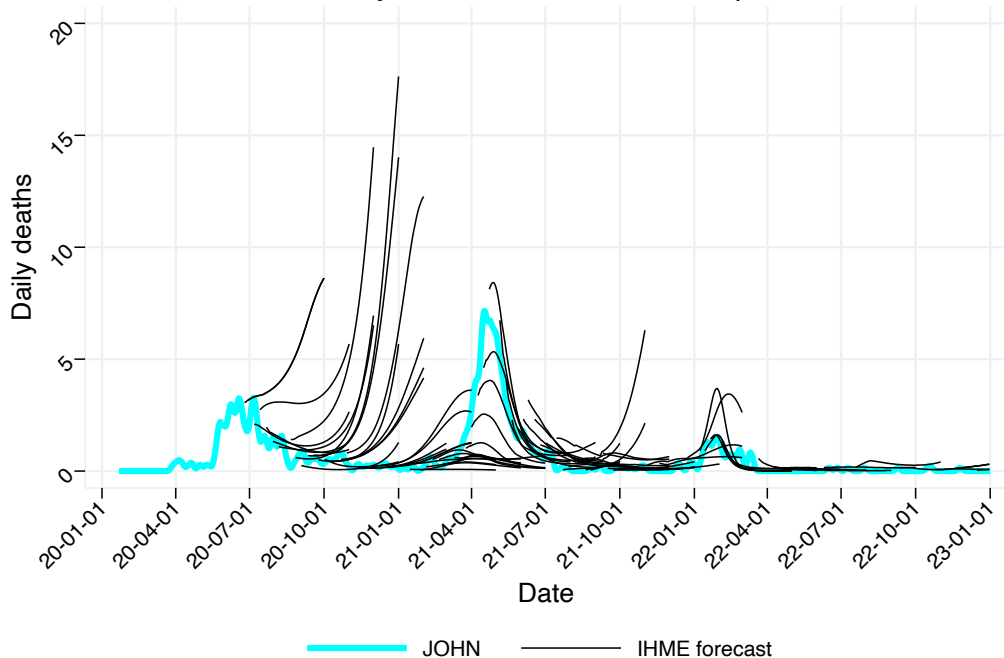C19 daily deaths, Qatar, all models, all updates, forecast only
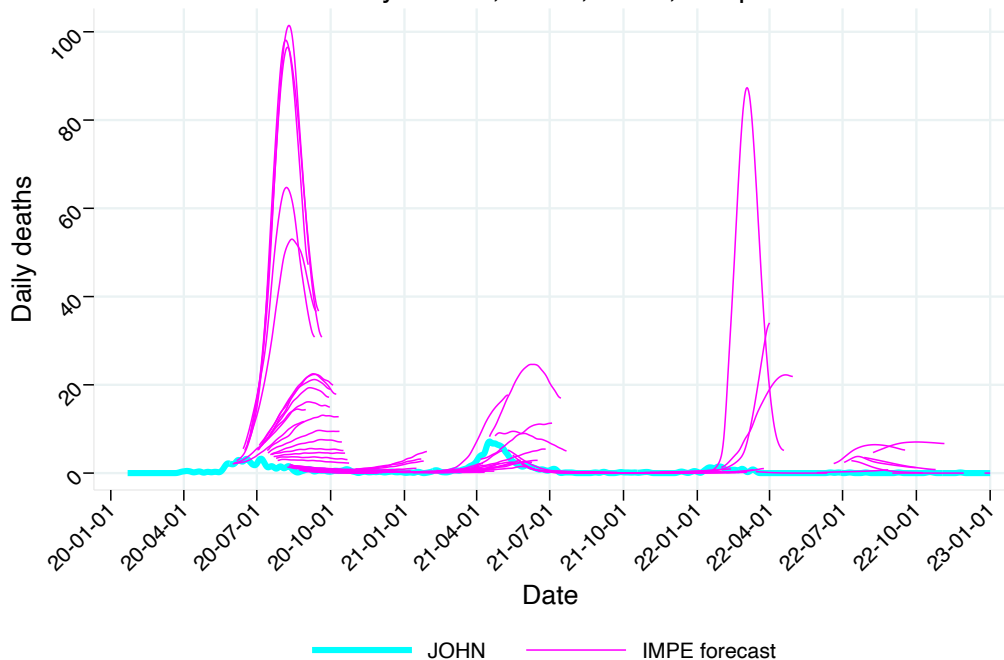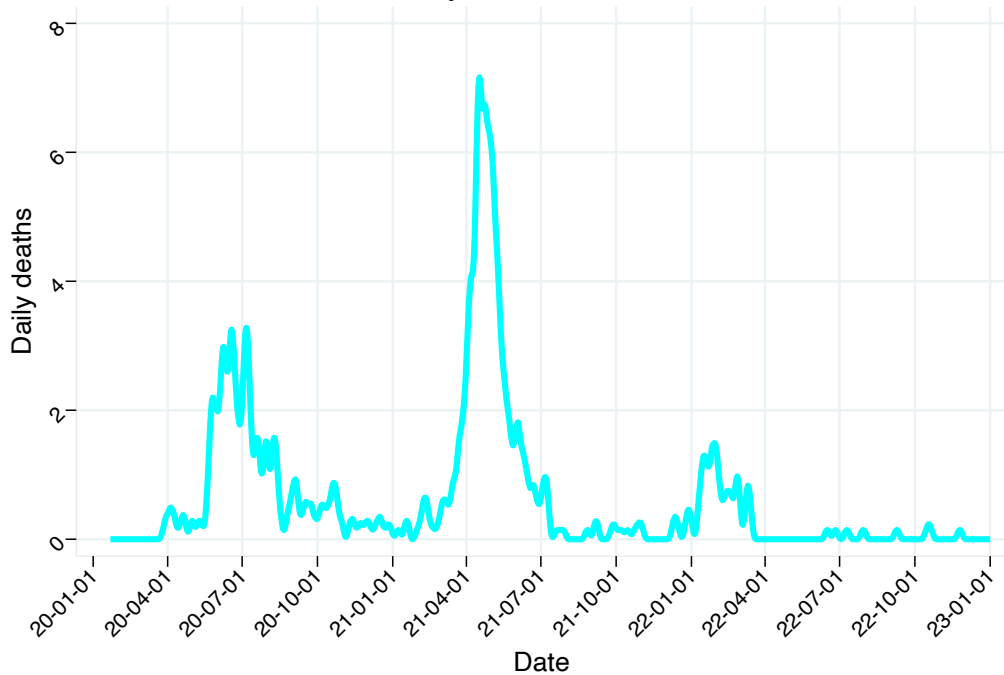
C19 daily deaths, Qatar, DELP, all updates

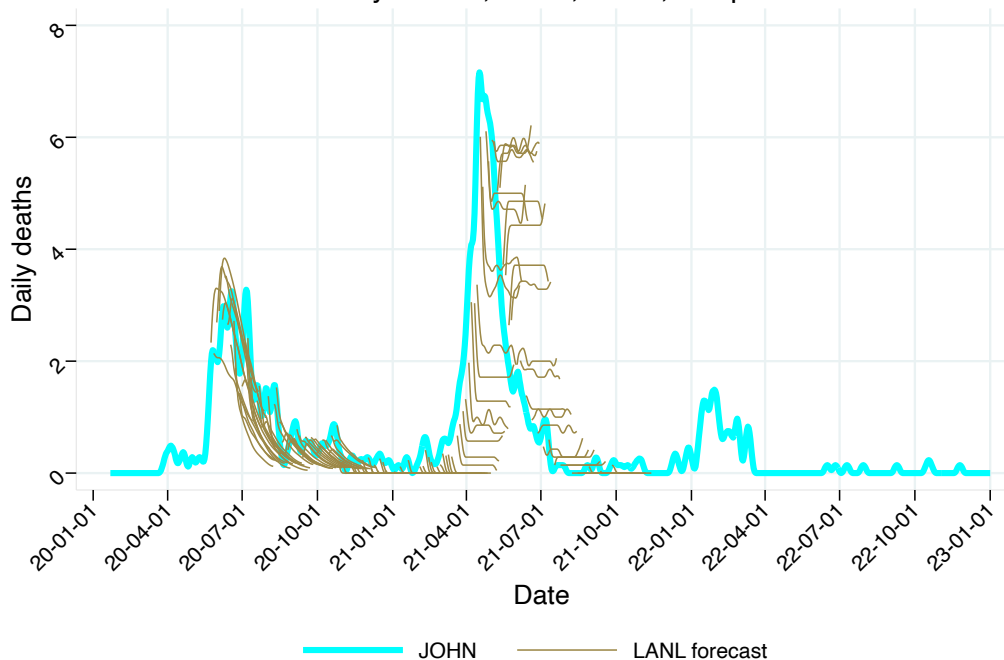C19 daily deaths, Qatar, IHME, all updates
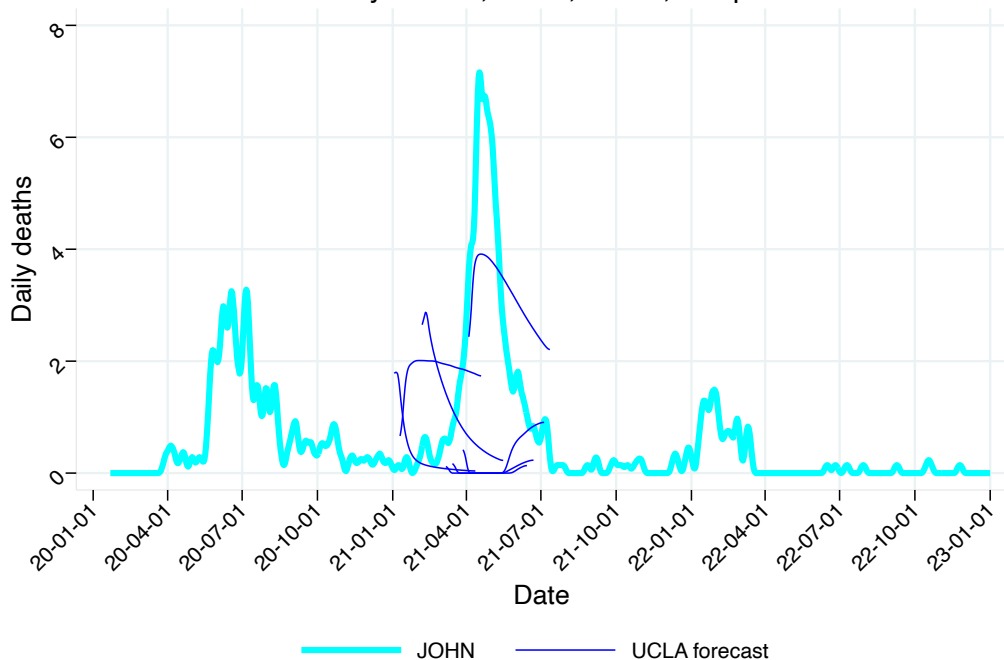
C19 daily deaths, Qatar, IMPE, all updates

C19 daily deaths, Qatar, JOHN

C19 daily deaths, Qatar, LANL, all updates
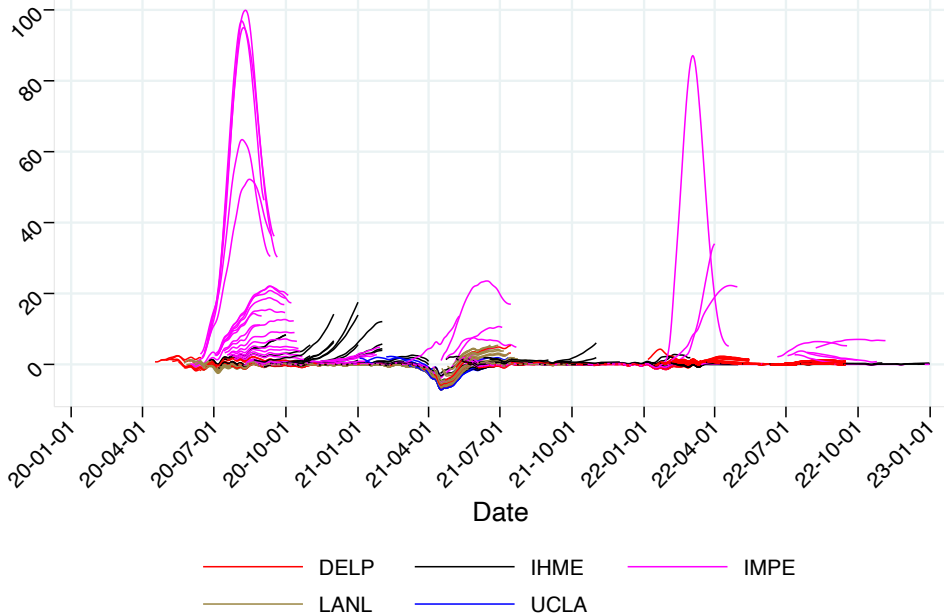
C19 daily deaths, Qatar, UCLA, all updates

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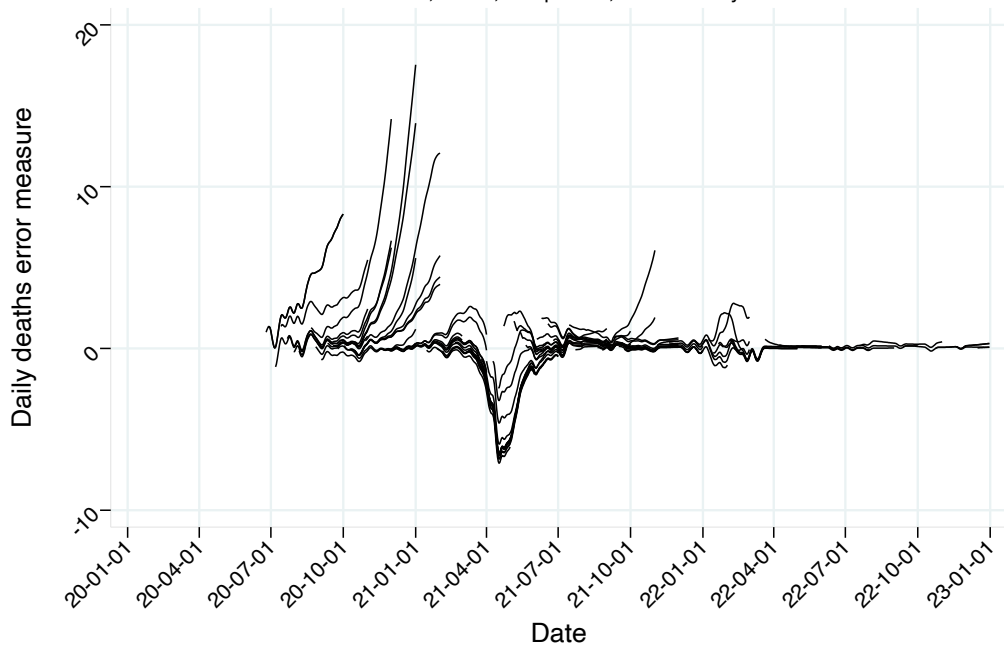
Qatar, all Models, all updates, forecast only

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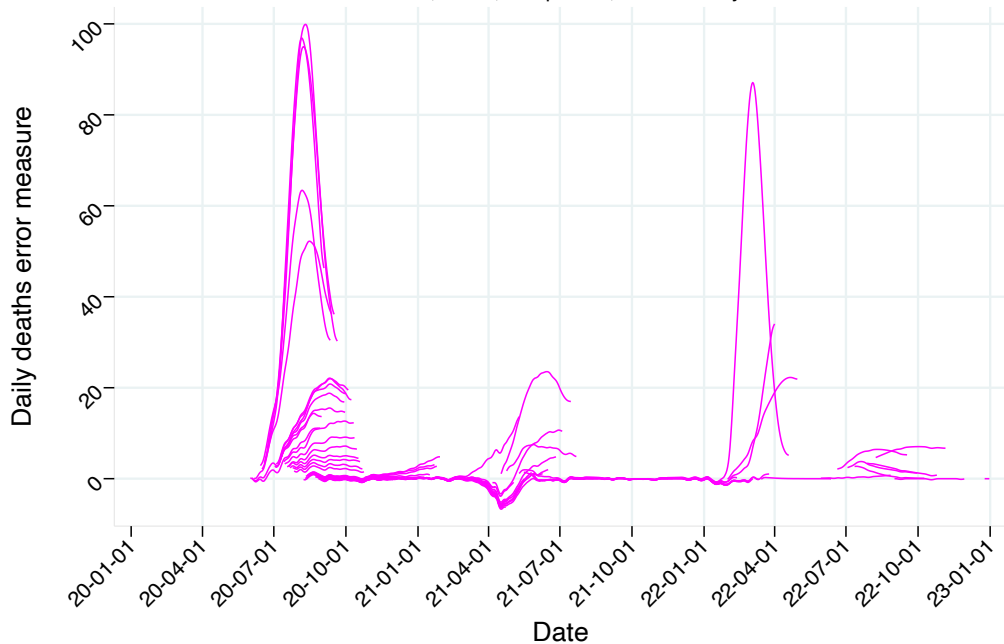
Qatar, DELP, all updates, forecast only

C19 daily deaths error

Qatar, IHME, all updates, forecast only

C19 daily deaths error

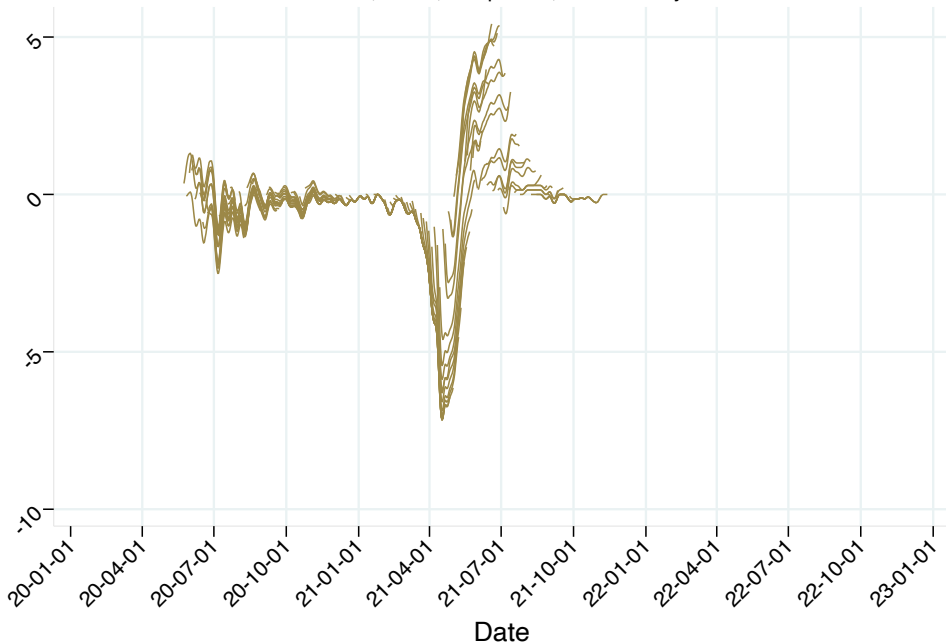Qatar, IMPE, all updates, forecast only

C19 daily deaths error

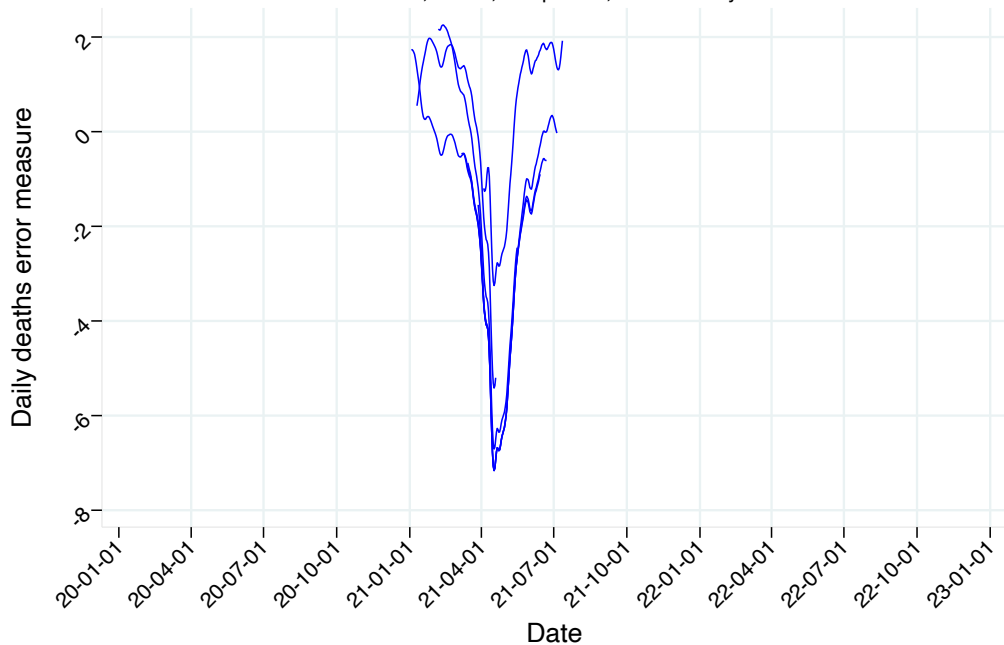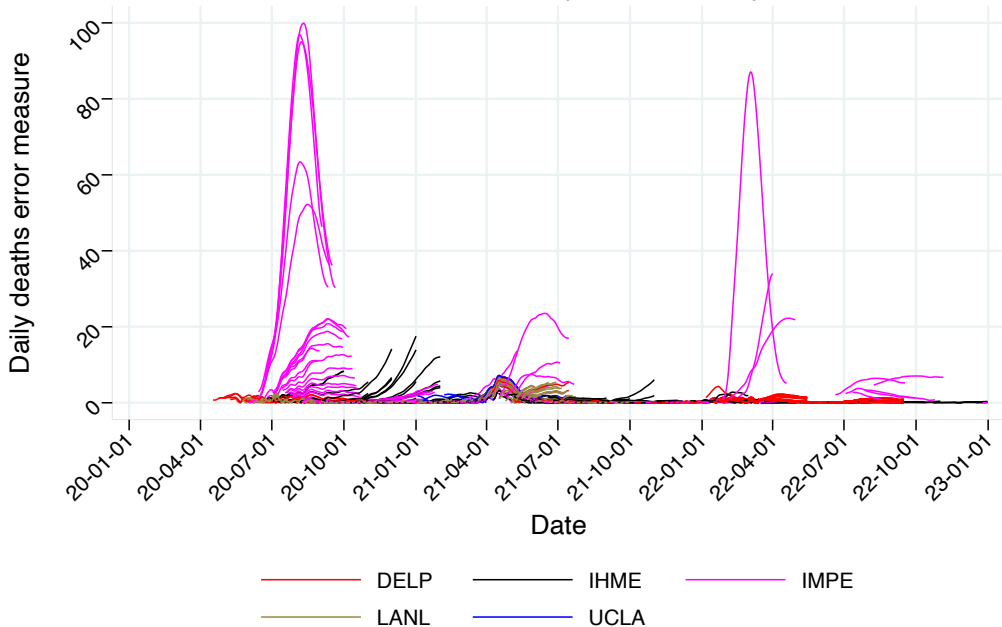Qatar, LANL, all updates, forecast only

C19 daily deaths error

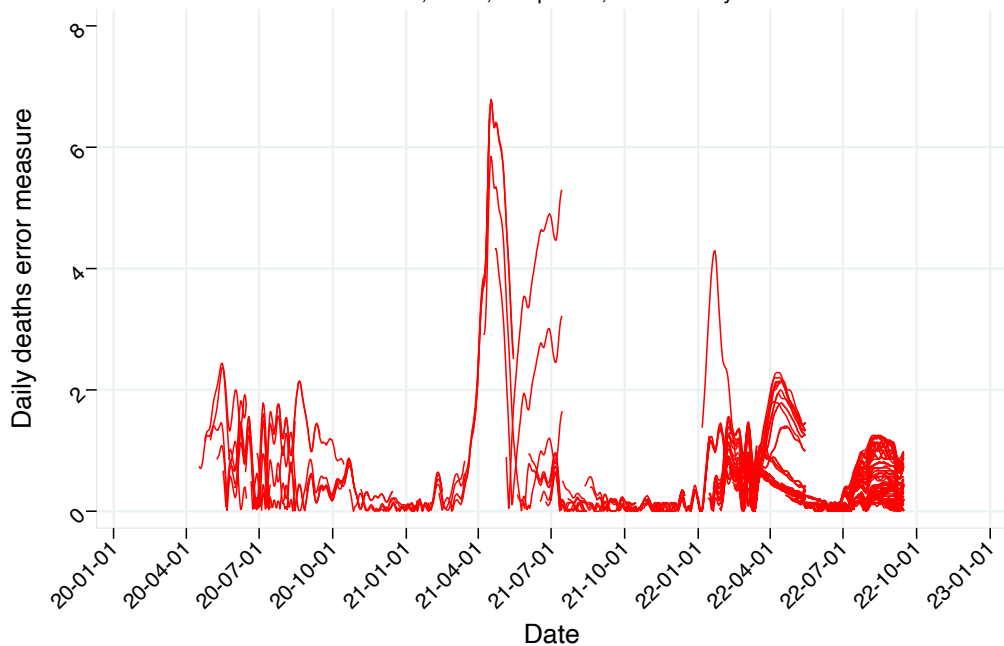Qatar, UCLA, all updates, forecast only

C19 daily deaths absolute error

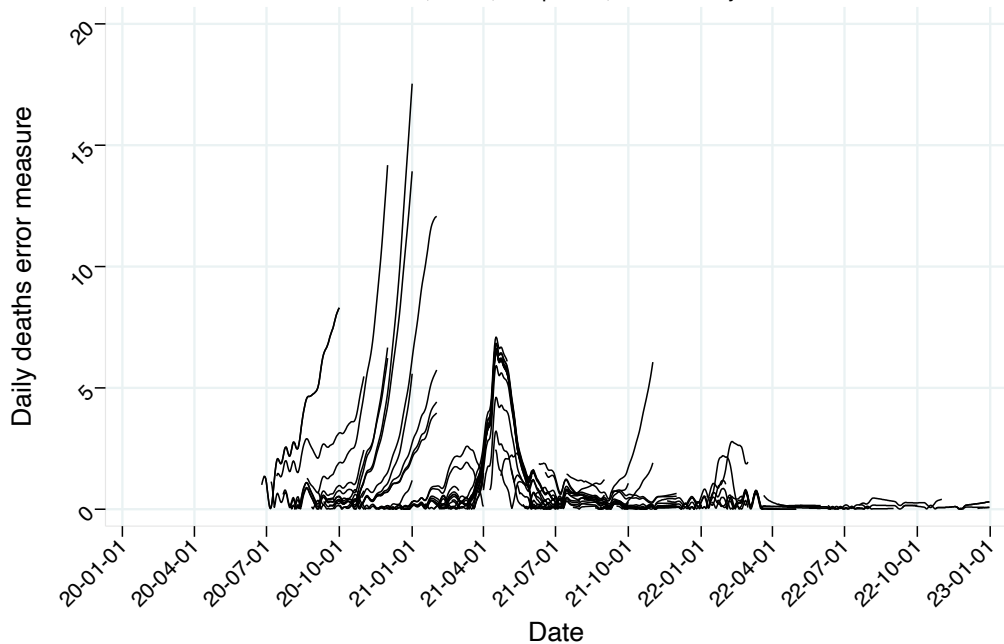Qatar, all Models, all updates, forecast only

C19 daily deaths absolute error
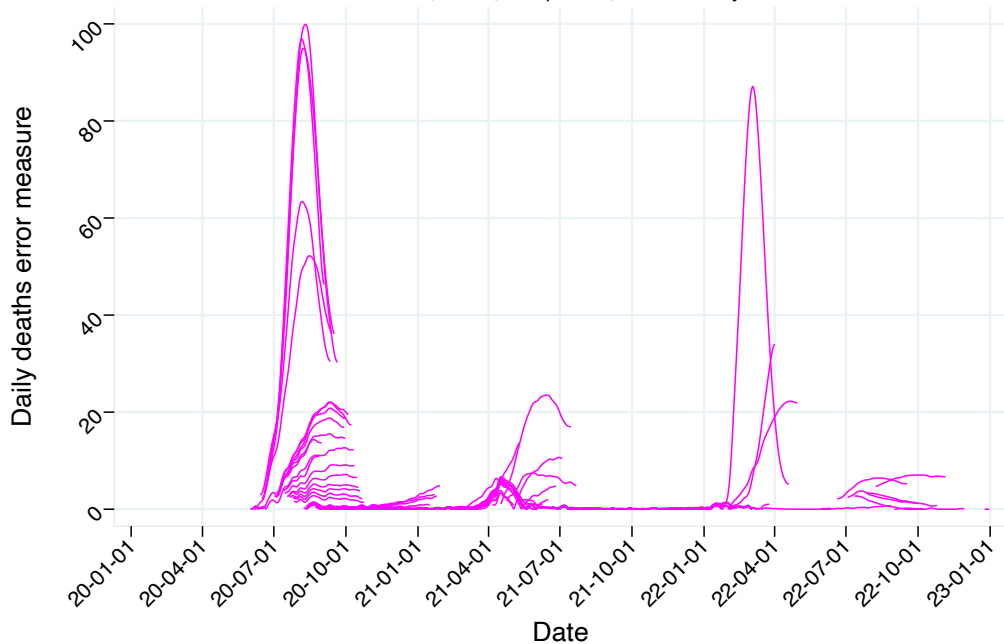
Qatar, DELP, all updates, forecast only

C19 daily deaths absolute error

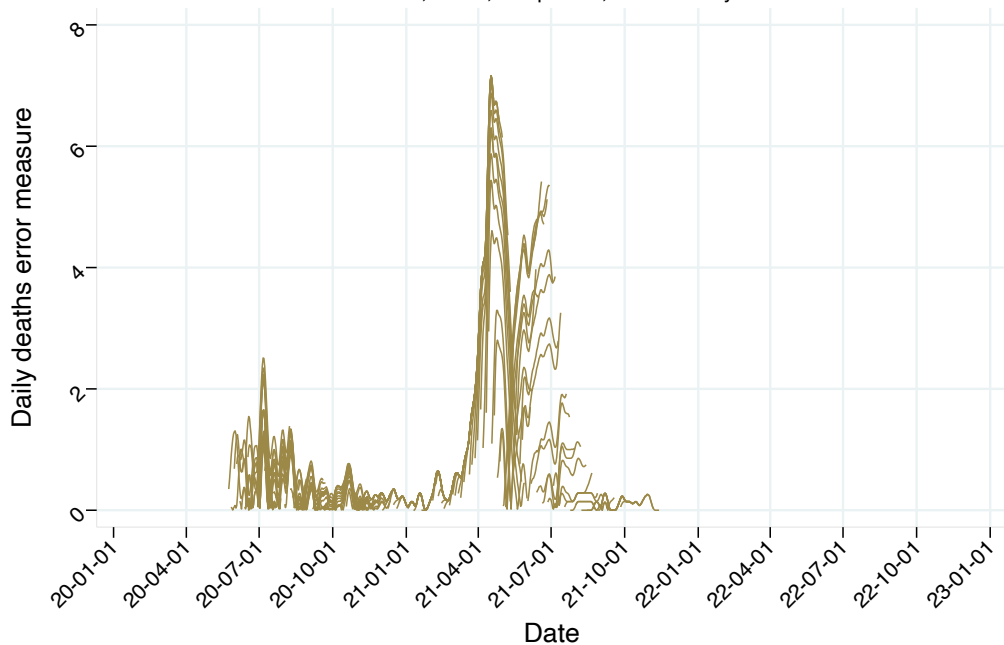Qatar, IHME, all updates, forecast only

C19 daily deaths absolute error

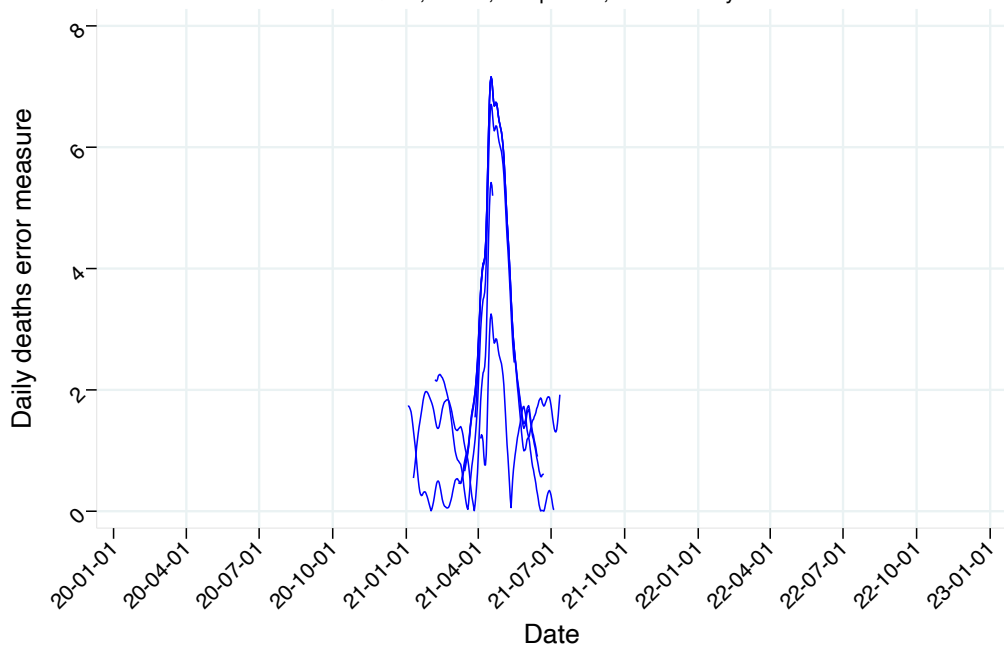Qatar, IMPE, all updates, forecast only

C19 daily deaths absolute error

Qatar, LANL, all updates, forecast only

C19 daily deaths absolute error

Qatar, UCLA, all updates, forecast only

C19 daily deaths percent error

Qatar, all Models, all updates, forecast only

C19 daily deaths percent error

Qatar, DELP, all updates, forecast only

C19 daily deaths percent error

Qatar, IHME, all updates, forecast only

C19 daily deaths percent error

Qatar, IMPE, all updates, forecast only

C19 daily deaths percent error

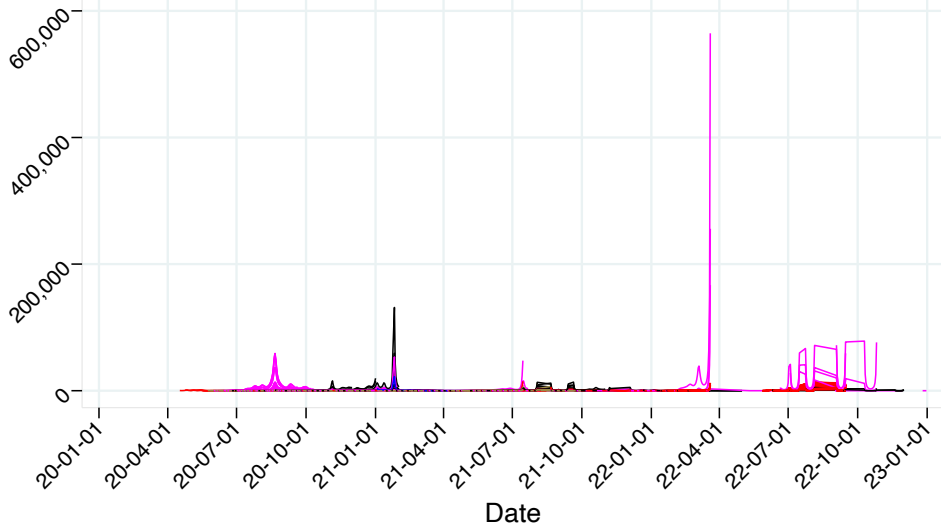Qatar, LANL, all updates, forecast only

C19 daily deaths percent error

Qatar, UCLA, all updates, forecast only

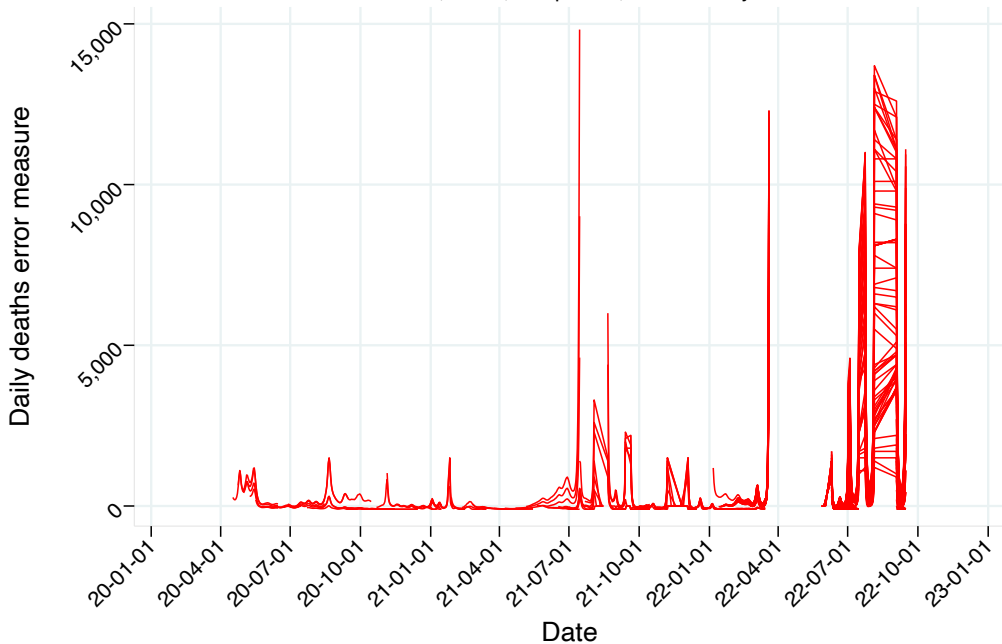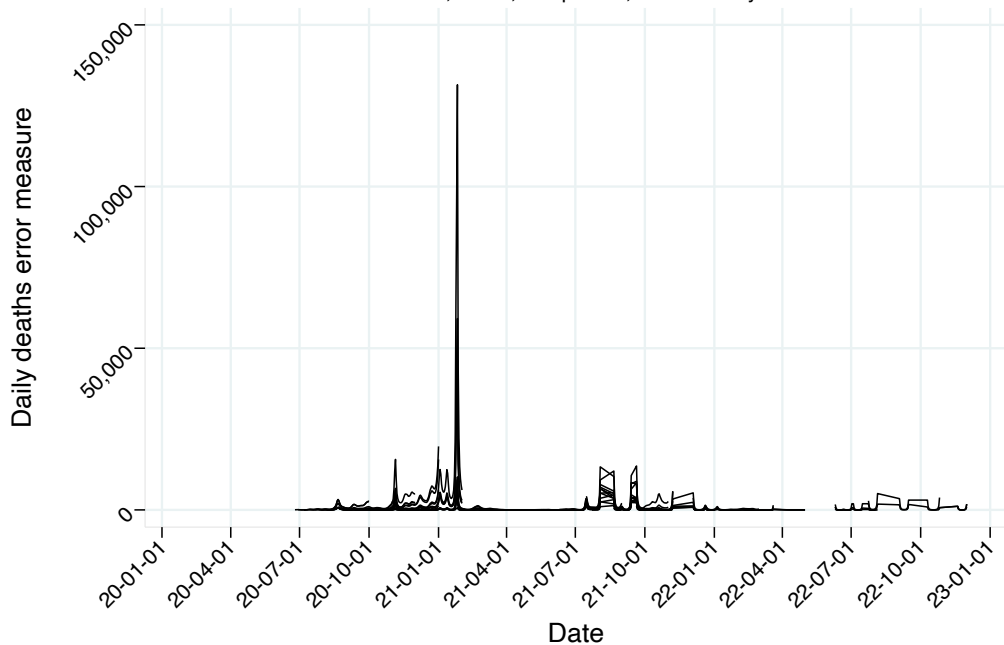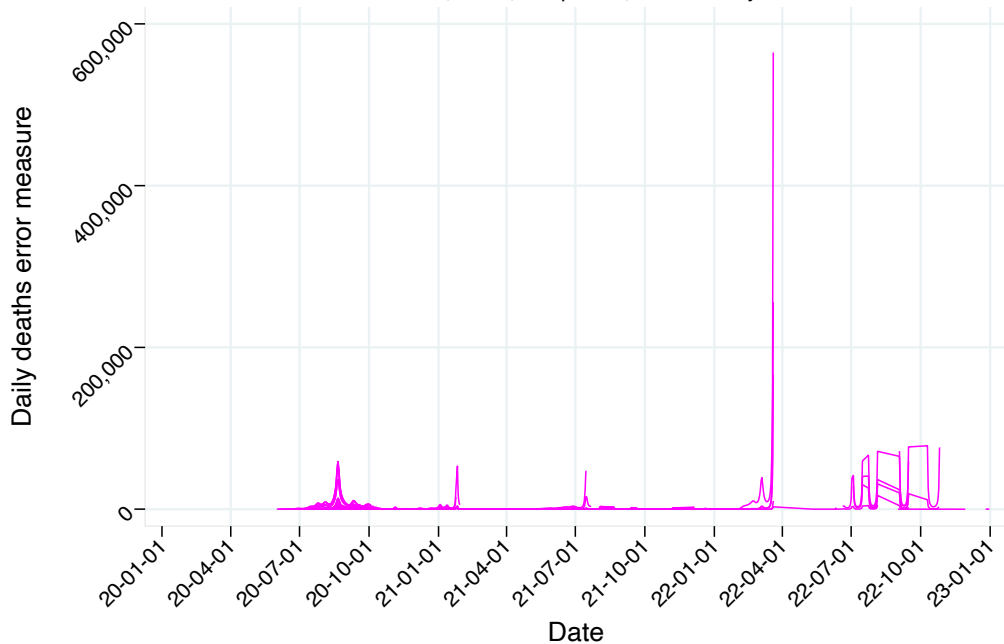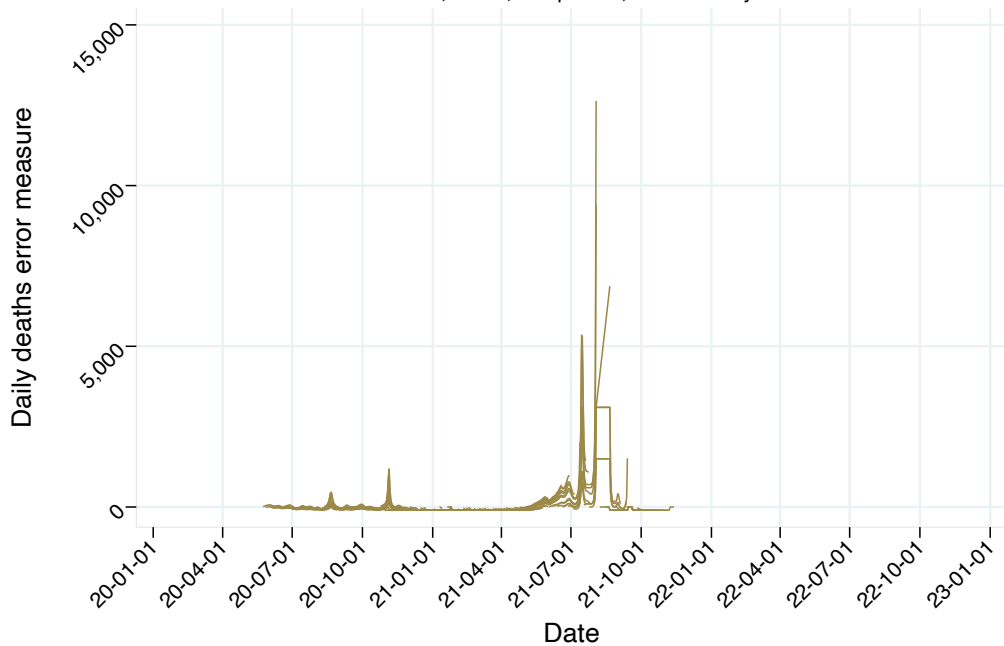C19 daily deaths absolute percent error

Qatar, ALL MODELS, all updates, forecast only

C19 daily deaths absolute percent error
Qatar, DELP, all updates, forecast only

C19 daily deaths absolute percent error

Qatar, IHME, all updates, forecast only

C19 daily deaths absolute percent error

Qatar, IMPE, all updates, forecast only

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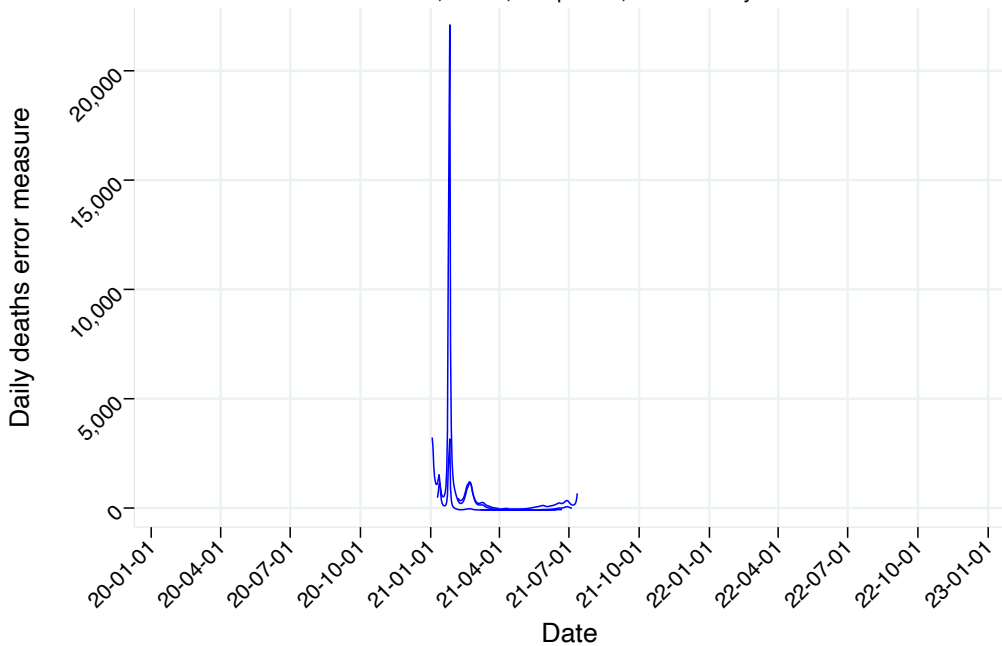
Qatar, LANL, all updates, forecast only

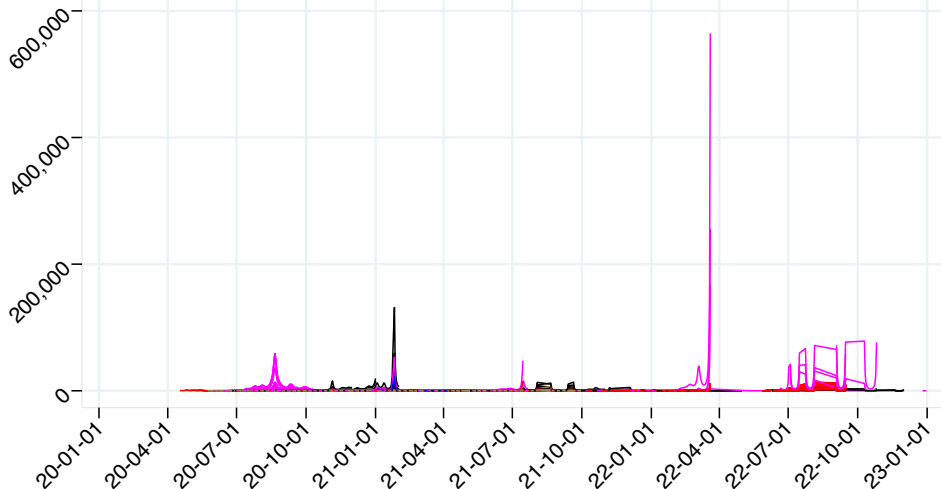C19 daily deaths absolute percent error
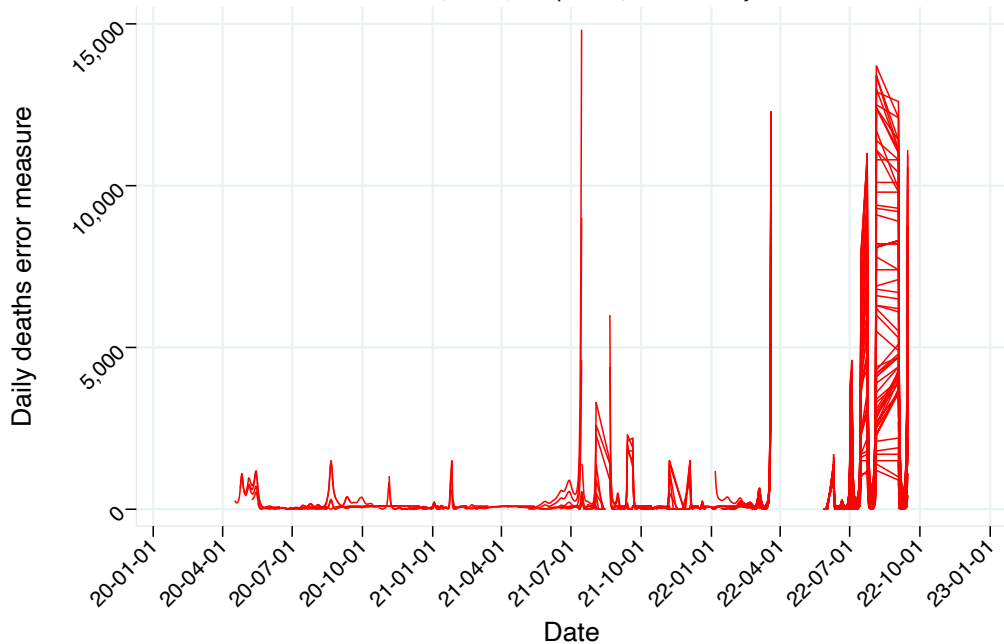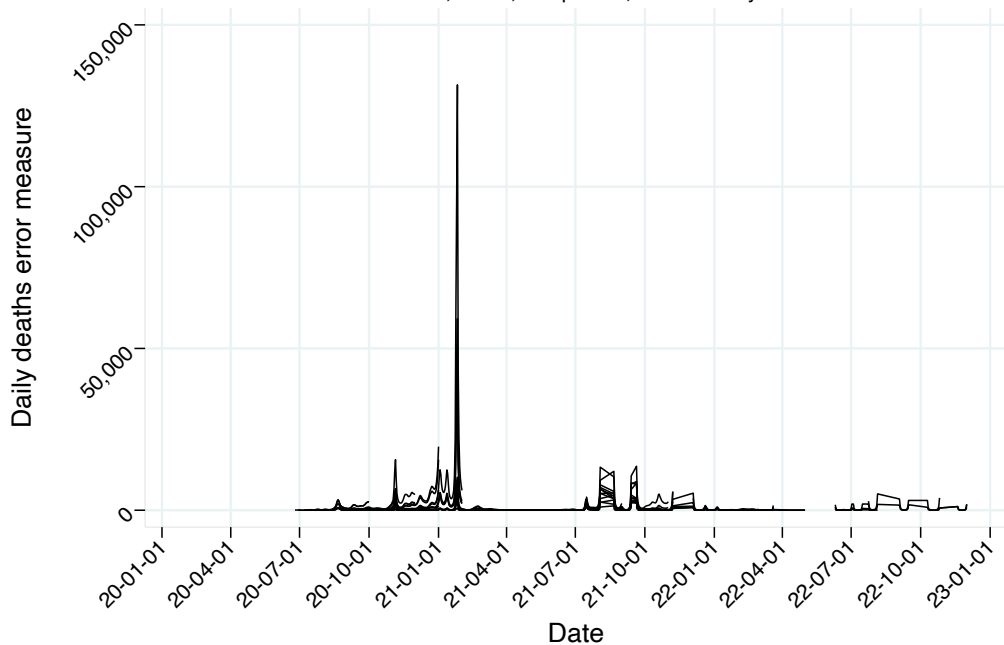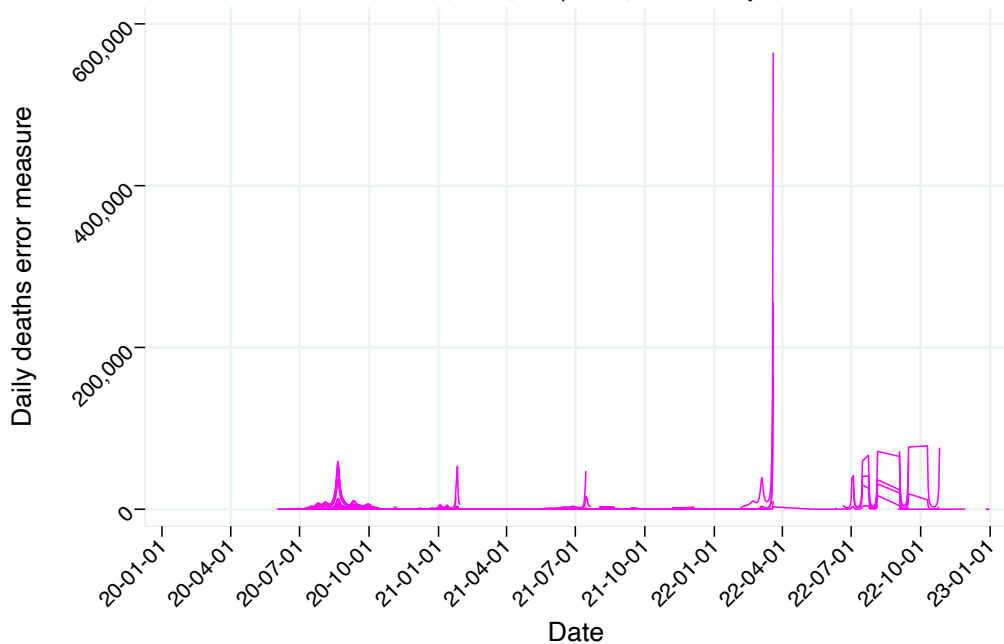
Qatar, UCLA, all updates, forecast only

C19 daily deaths, average median error
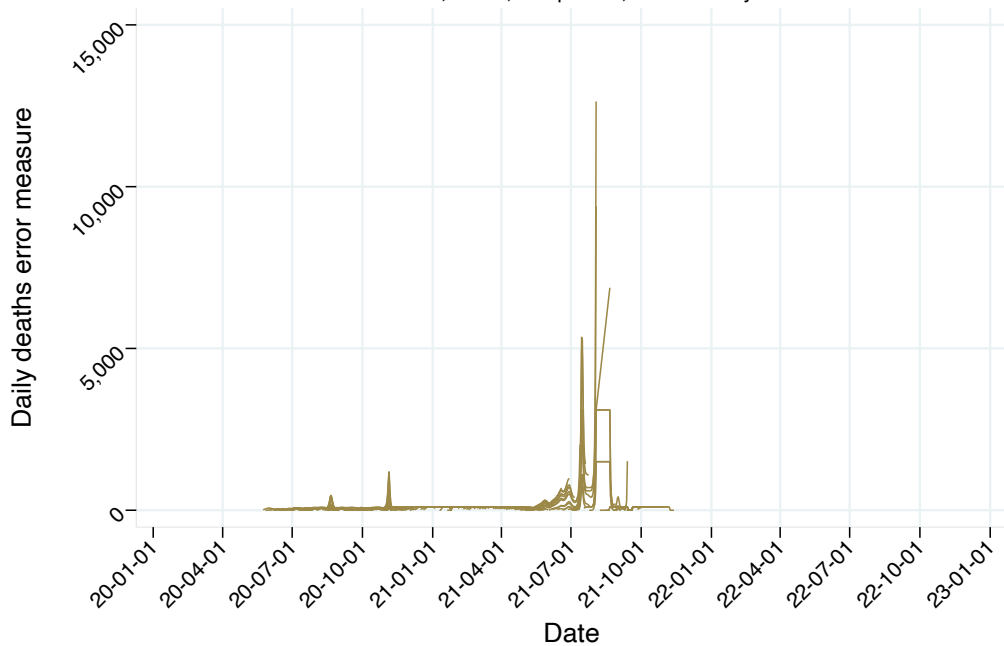
Qatar, DELP, forecast only

C19 daily deaths, average median error

Qatar, IHME, forecast only

C19 daily deaths, average median error

Qatar, IMPE, forecast only

C19 daily deaths, average median error

Qatar, LANL, forecast only

C19 daily deaths, average median error

Qatar, UCLA, forecast only
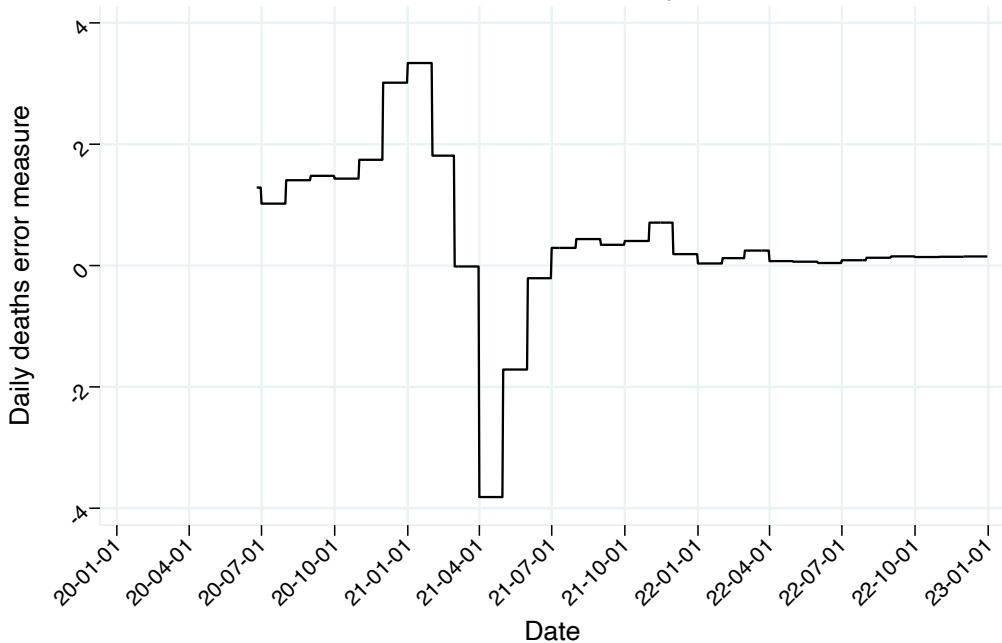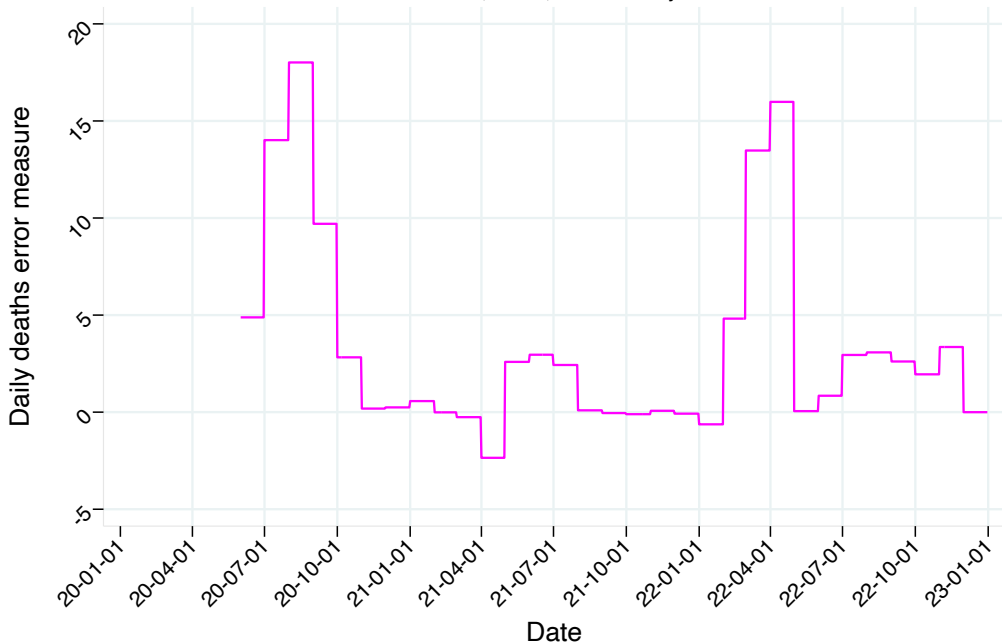
C19 daily deaths, average median error

Qatar, all Models, forecast only

C19 daily deaths, average median error

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

C19 daily deaths, average median absolute error
Qatar, DELP, forecast only

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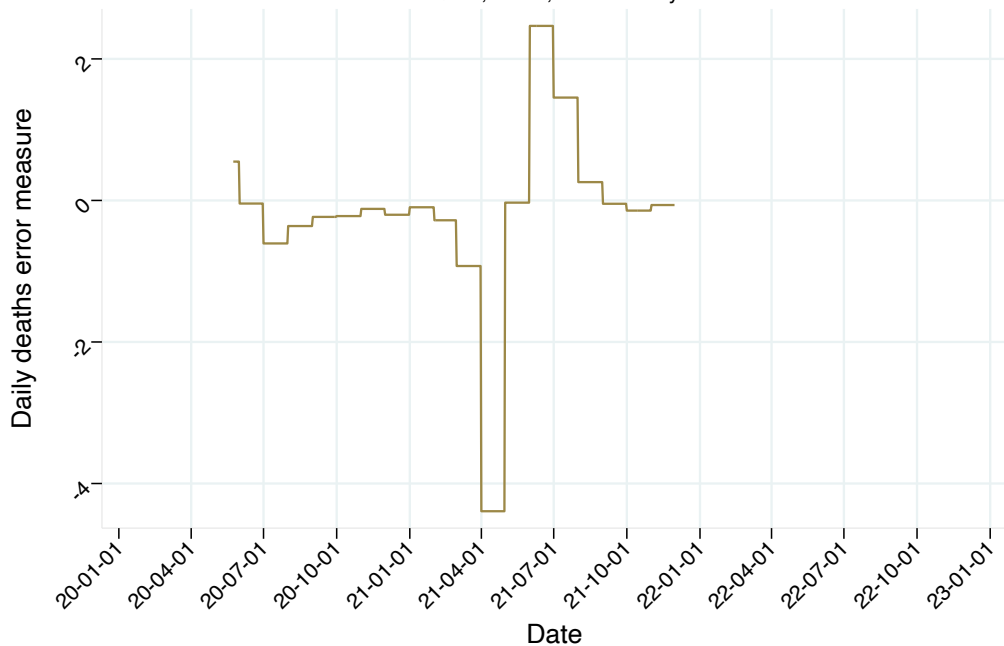
Qatar, IHME, forecast only

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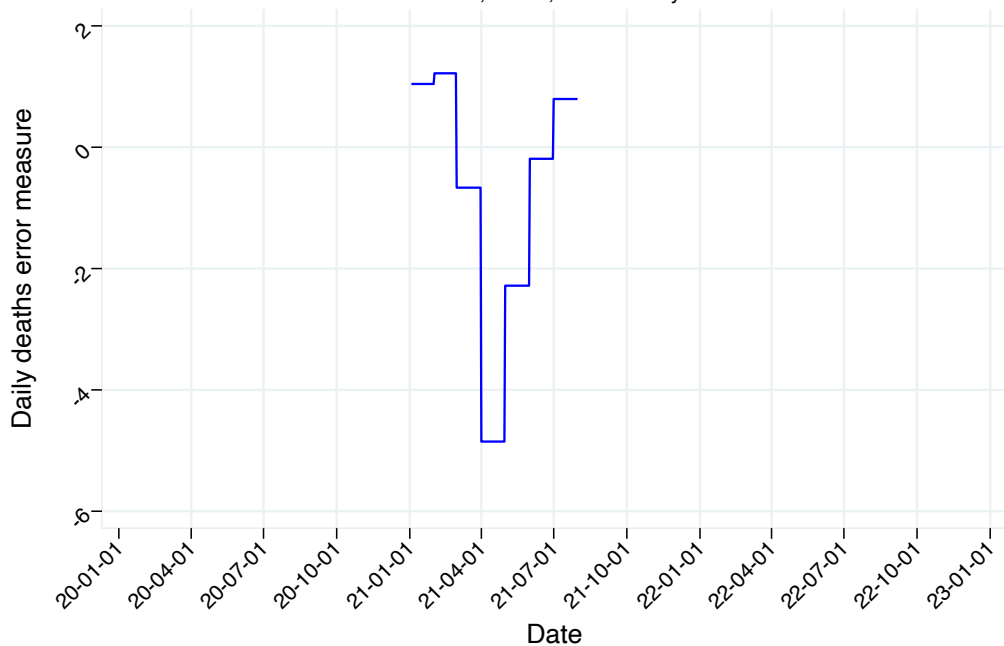
Qatar, IMPE, forecast only

C19 daily deaths, average median absolute error

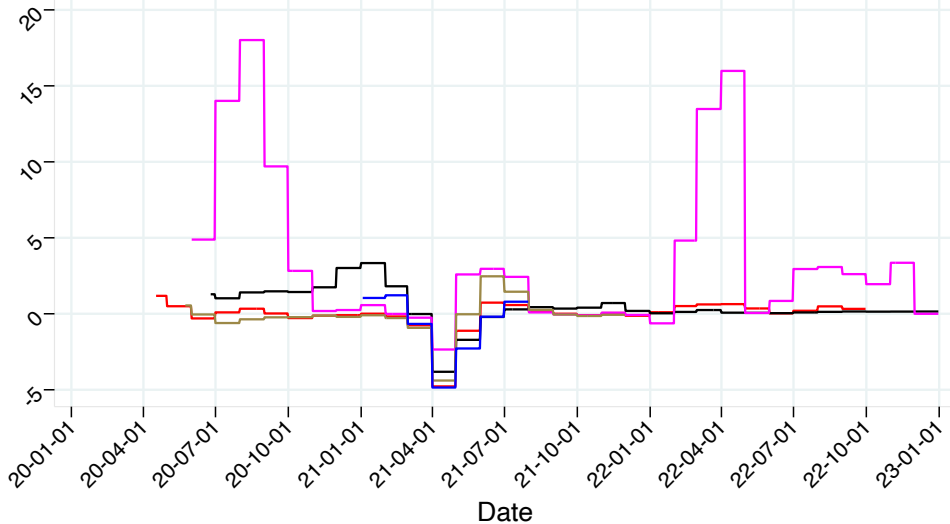Qatar, LANL, forecast only

C19 daily deaths, average median absolute error

Qatar, UCLA, forecast only

C19 daily deaths, average median absolute error

Qatar, all Models, forecast only

Daily deaths error measure

| DELP | IHME | IMPE |
| LANL | UCLA | |

C19 daily deaths, average median absolute error

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

C19 daily deaths, average median percent error

Qatar, DELP, forecast only

C19 daily deaths, average median percent error
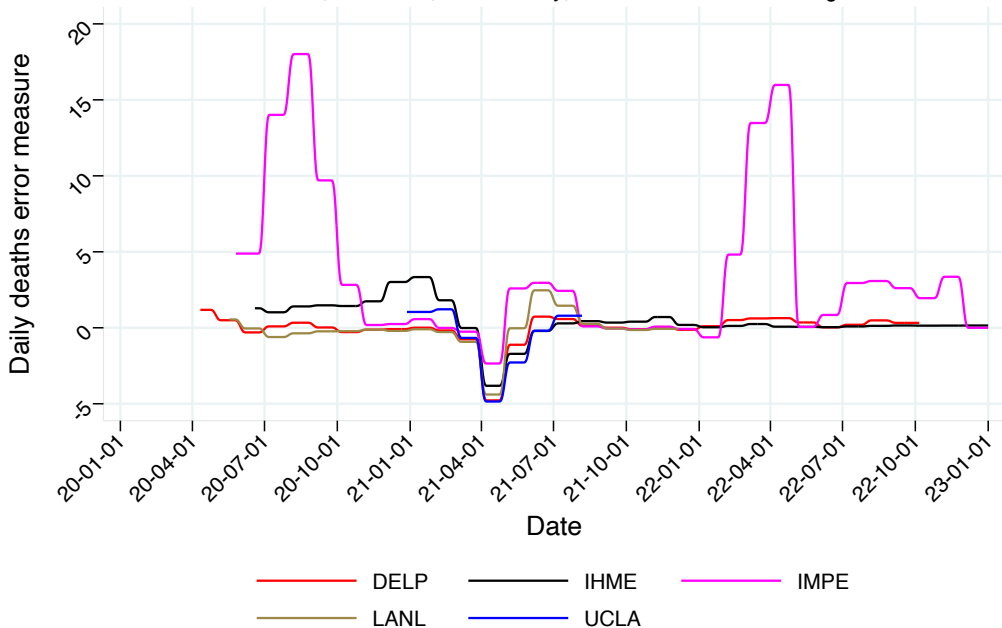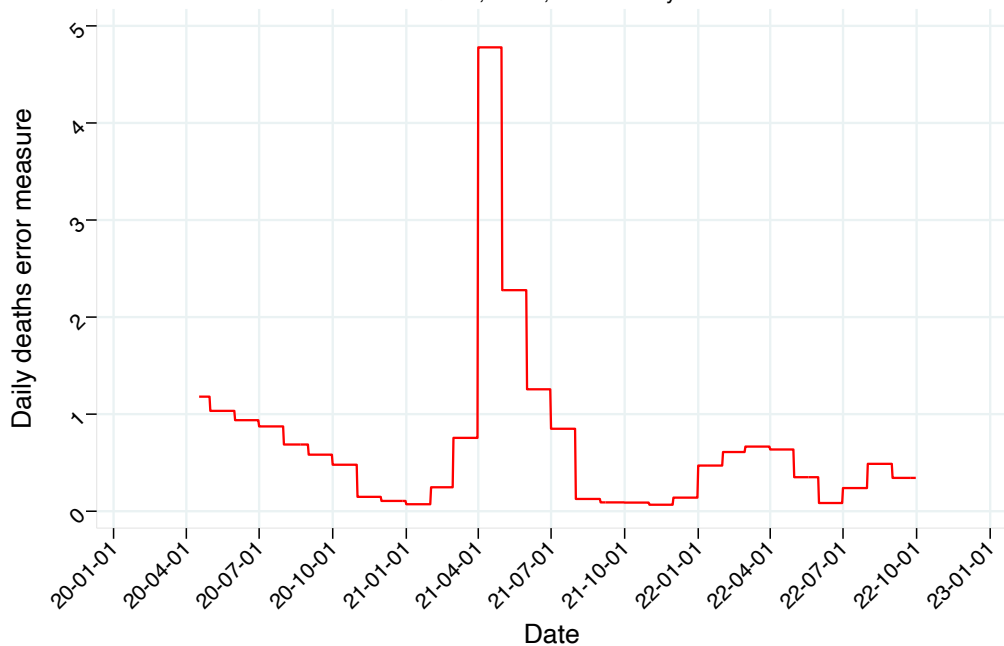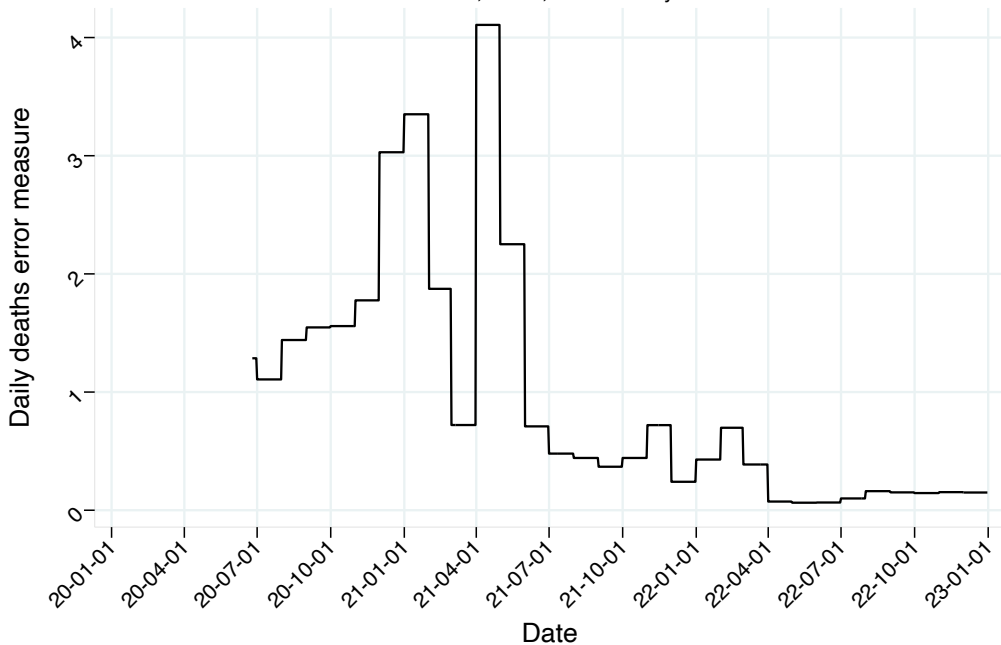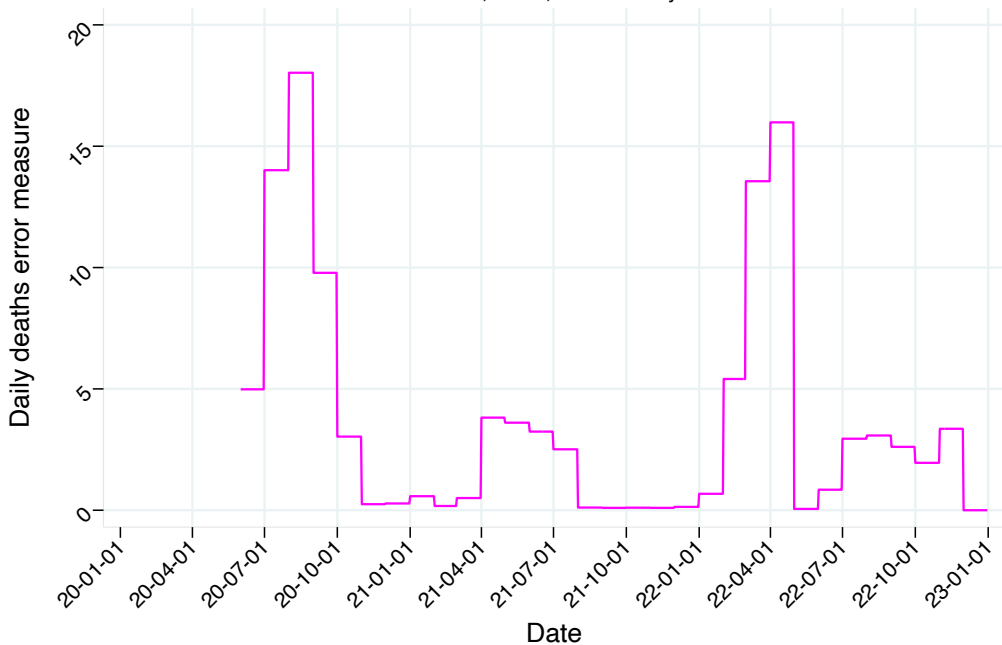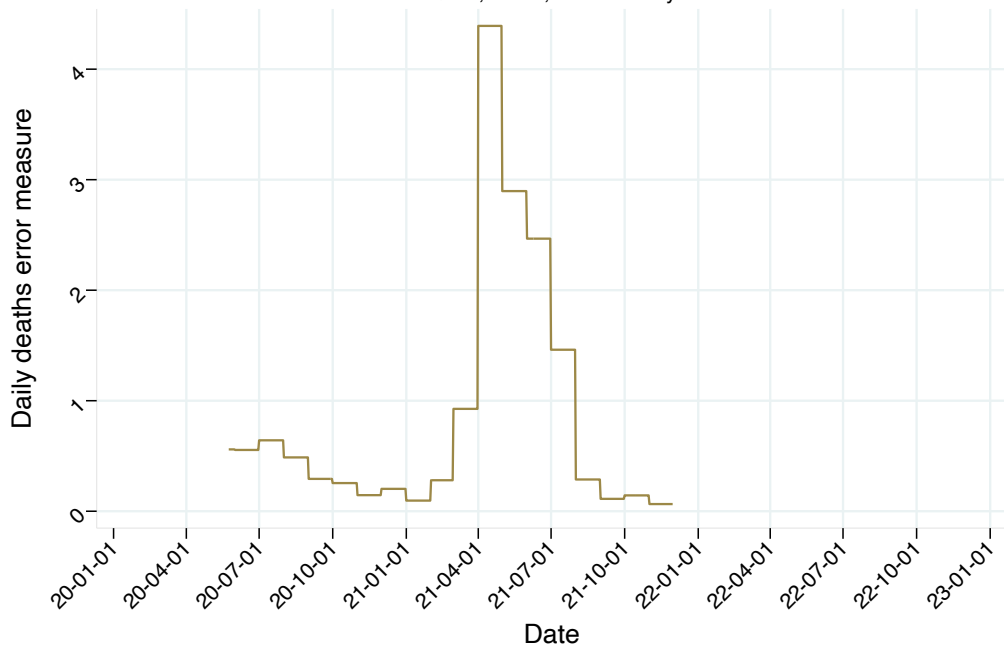
Qatar, IHME, forecast only

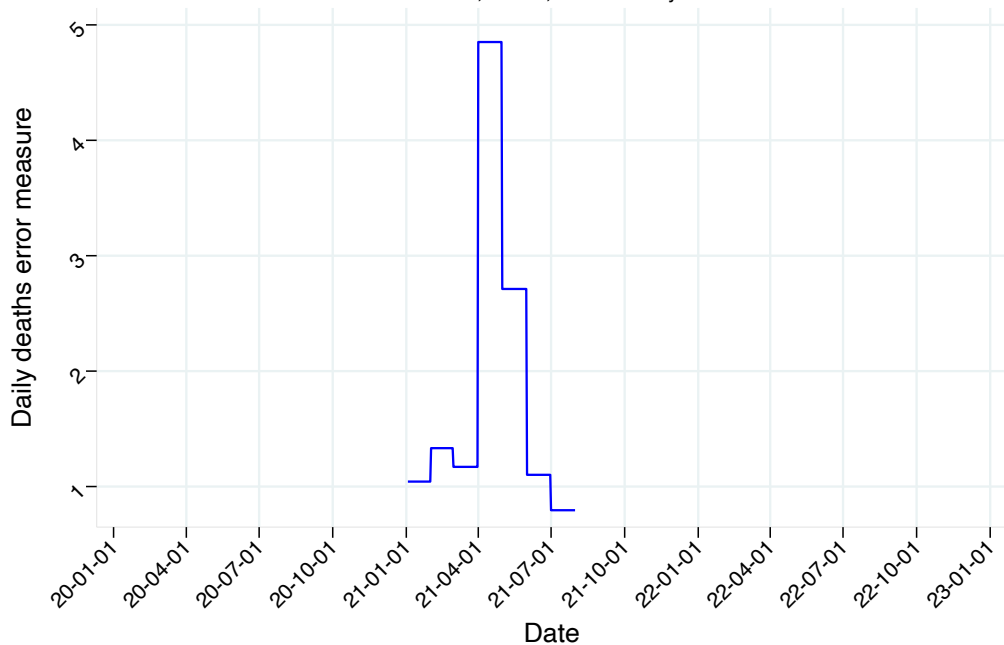C19 daily deaths, average median percent error

Qatar, IMPE, forecast only

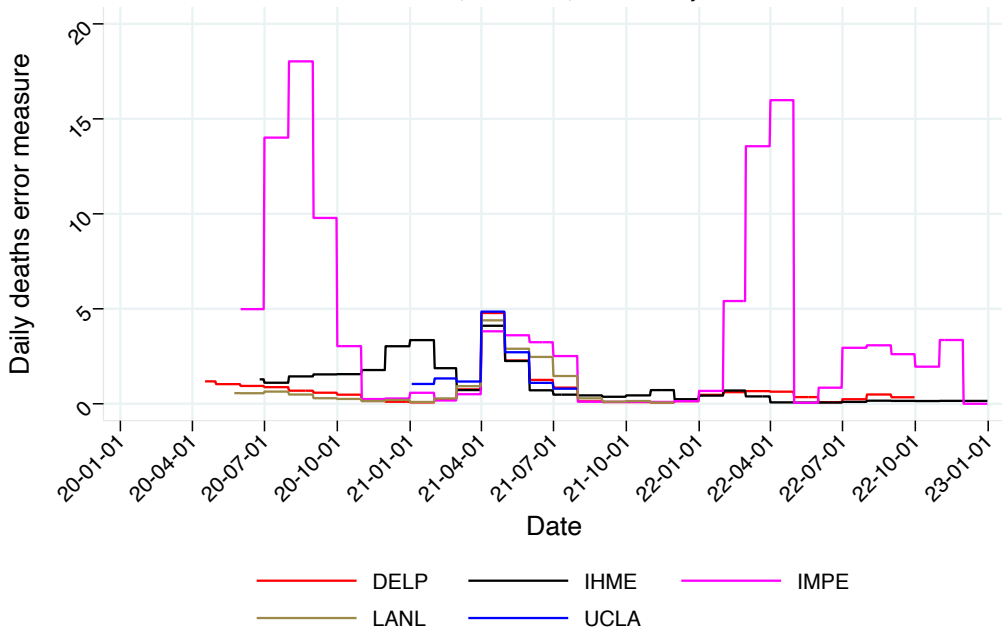C19 daily deaths, average median percent error

Qatar, LANL, forecast only

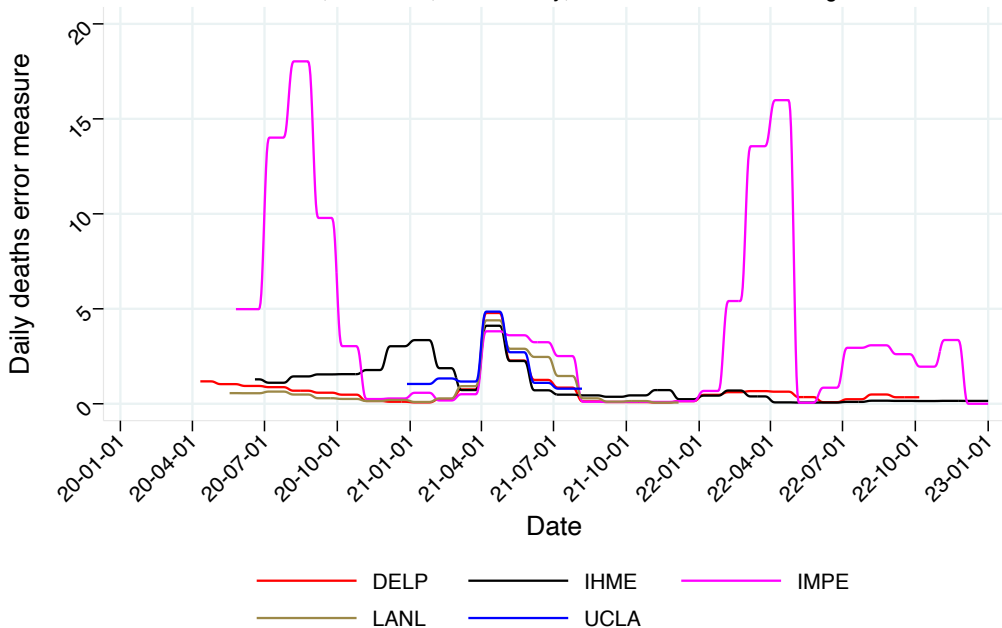C19 daily deaths, average median percent error

Qatar, UCLA, forecast only

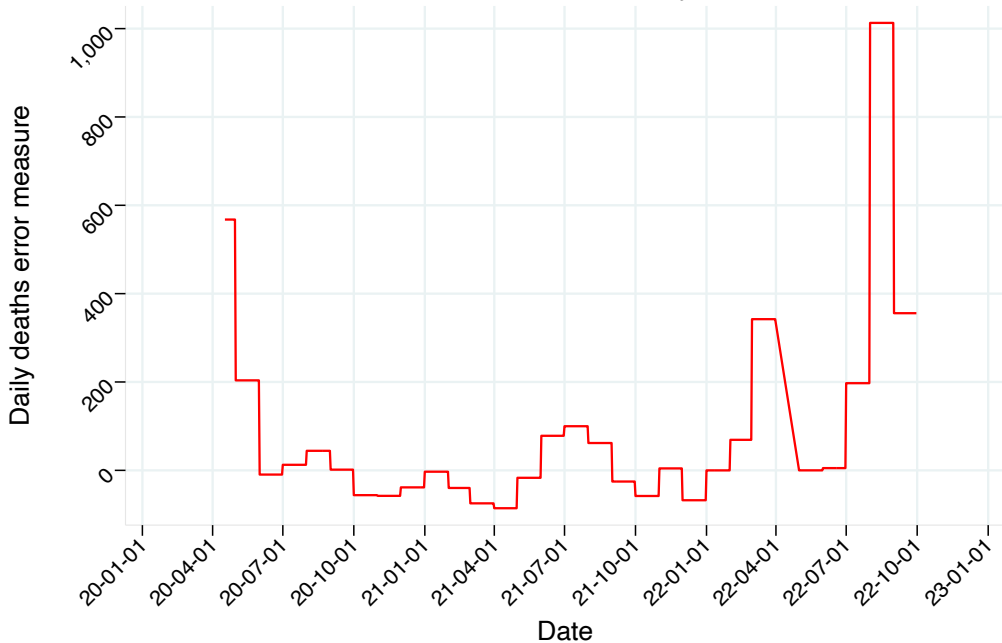C19 daily deaths, average median percent error

Qatar, all Models, forecast only

C19 daily deaths, average median percent error

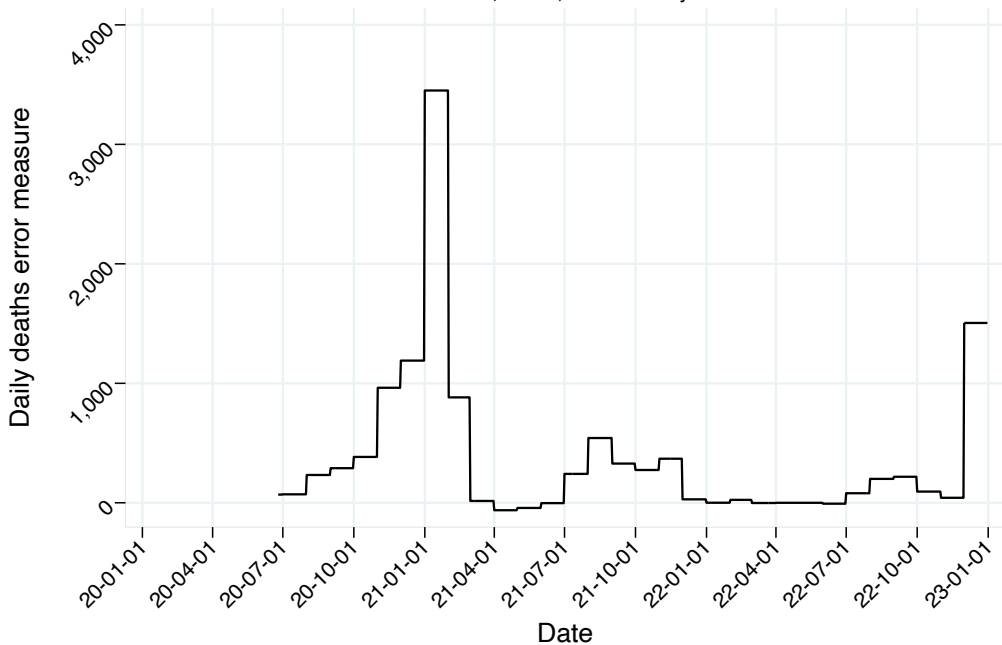Qatar, all Models, forecast only; smoothed for better viewing

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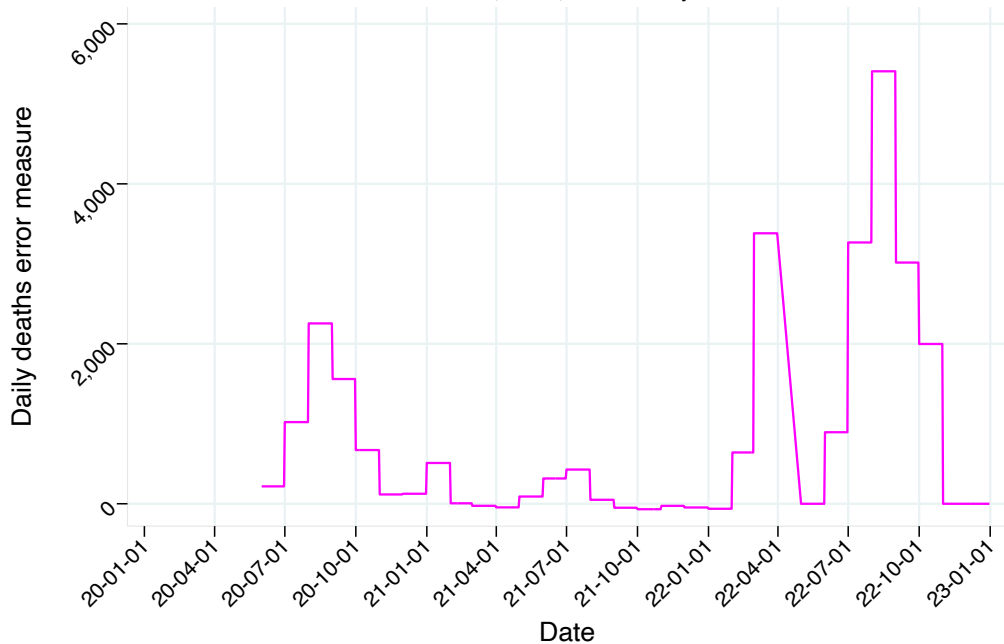
Qatar, DELP, forecast only

C19 daily deaths, average median absolute percent error

Qatar, IHME, forecast only

C19 daily deaths, average median absolute percent error

Qatar, IMPE, forecast only

C19 daily deaths, average median absolute percent error

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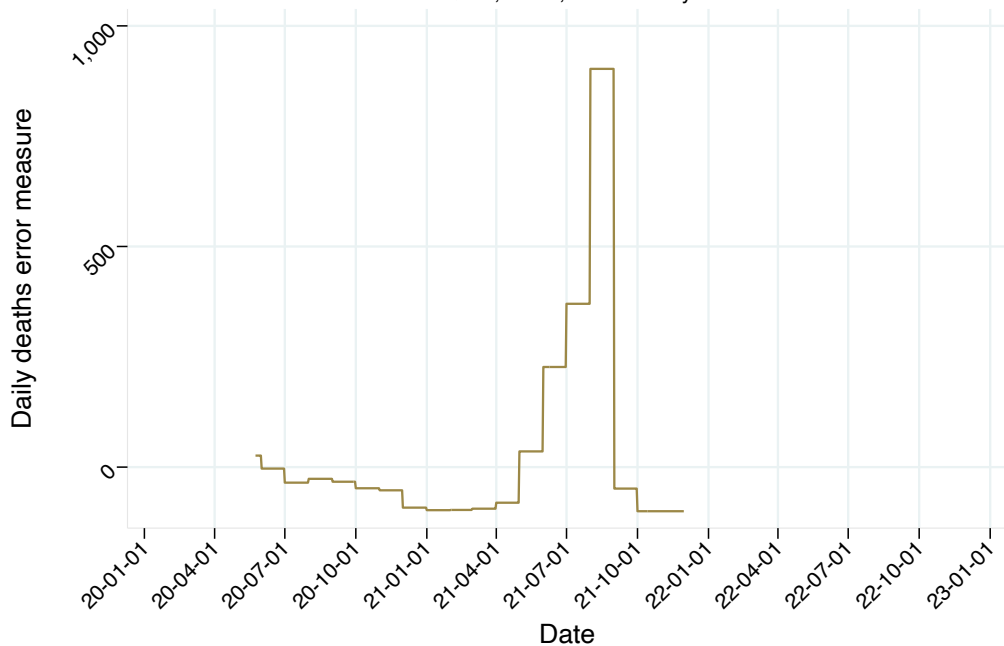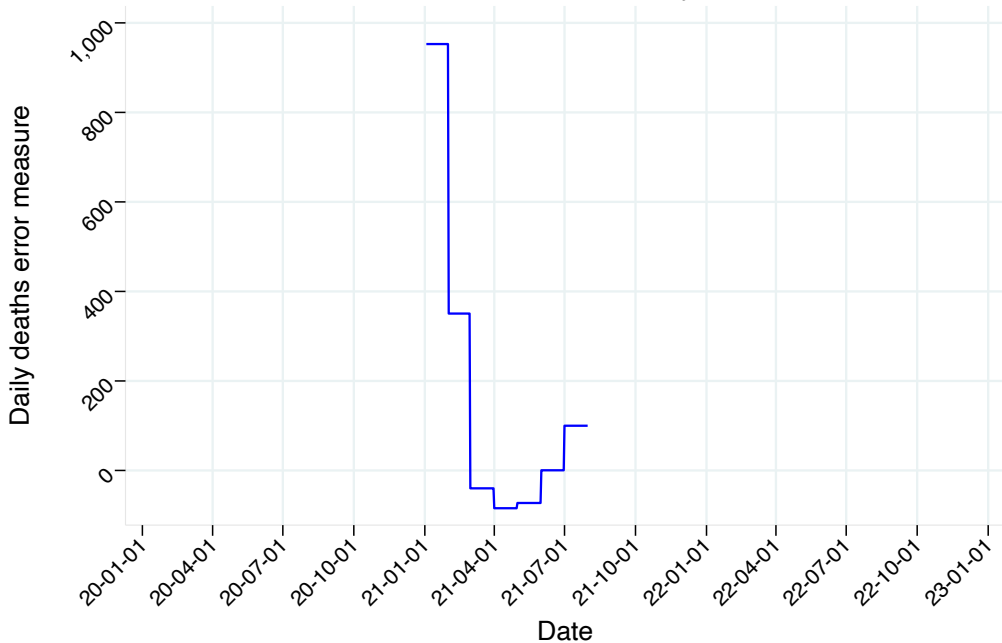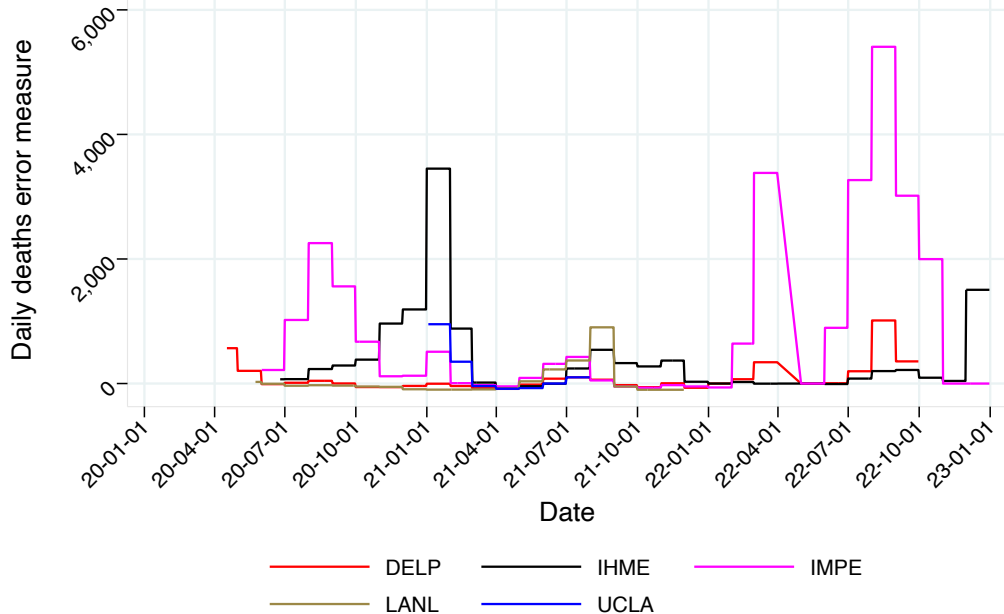
C19 daily deaths, average median absolute percent error
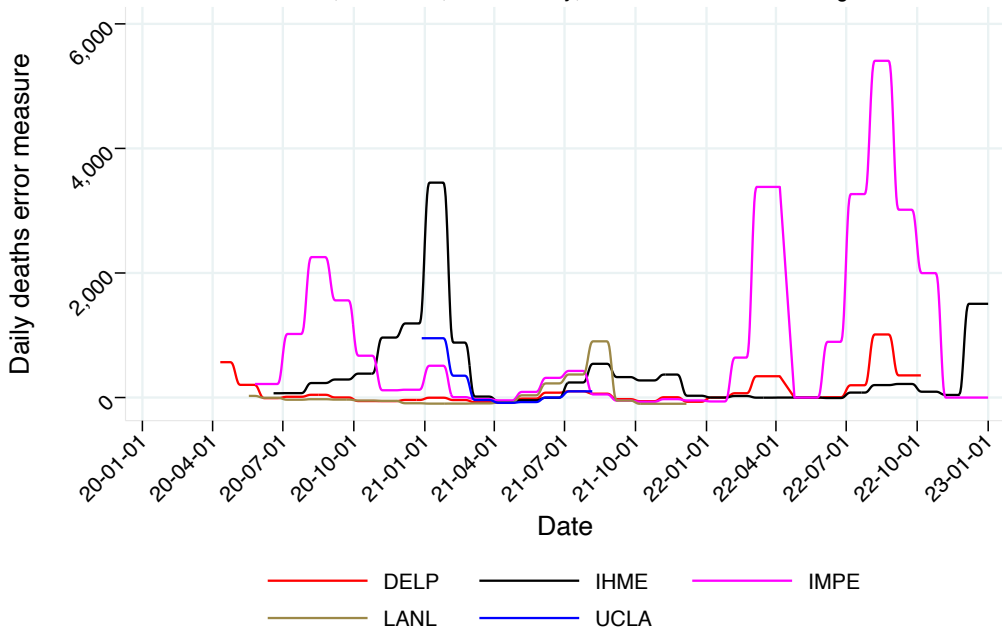
Qatar, UCLA, forecast only

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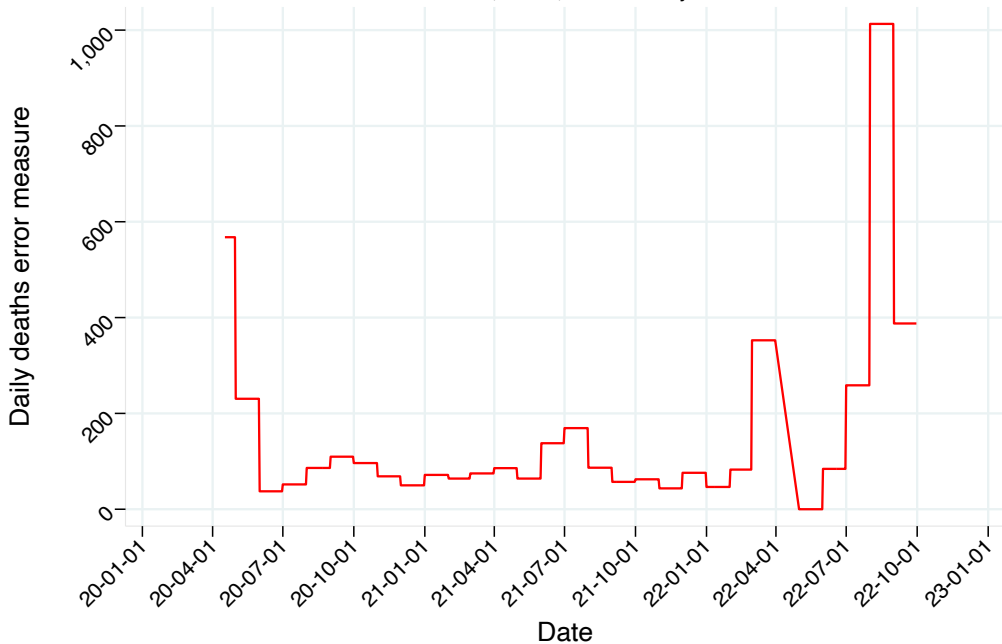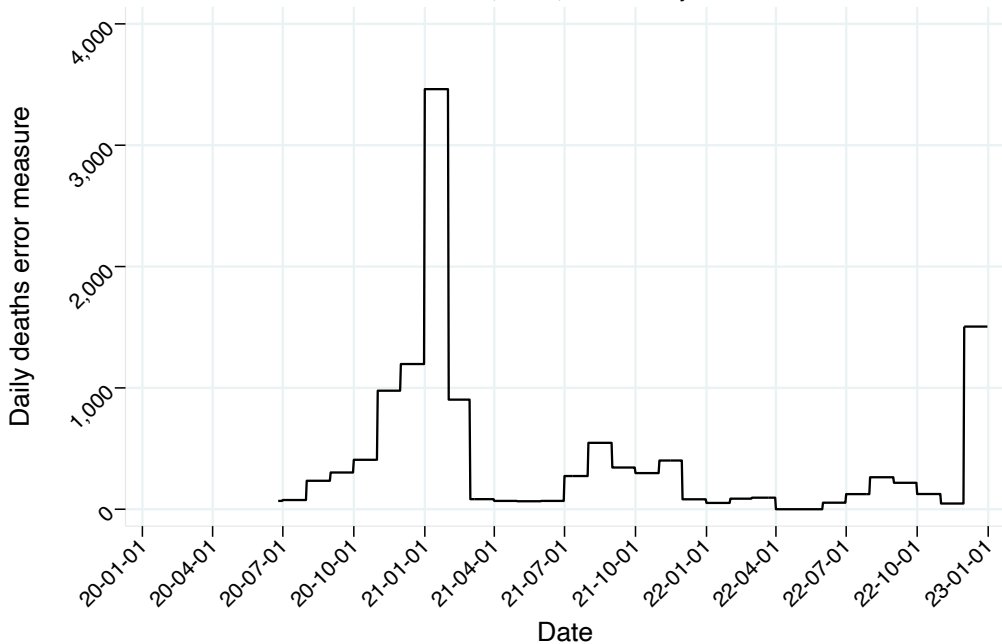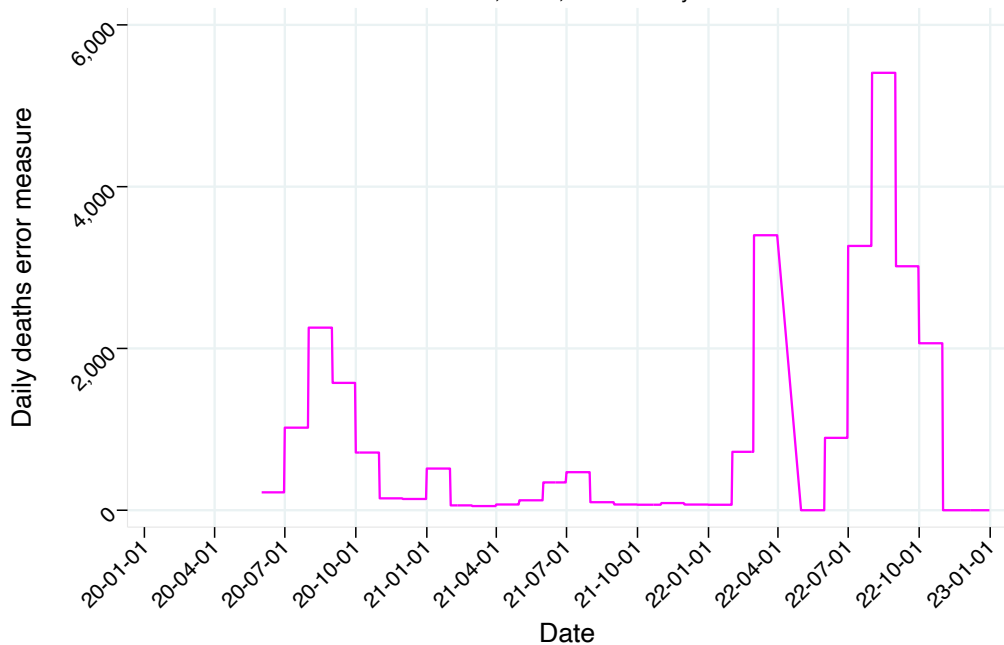
Qatar, all Models, forecast only

C19 daily deaths, average median absolute percent error

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

C19 daily deaths average MAPE over updates and calendar months

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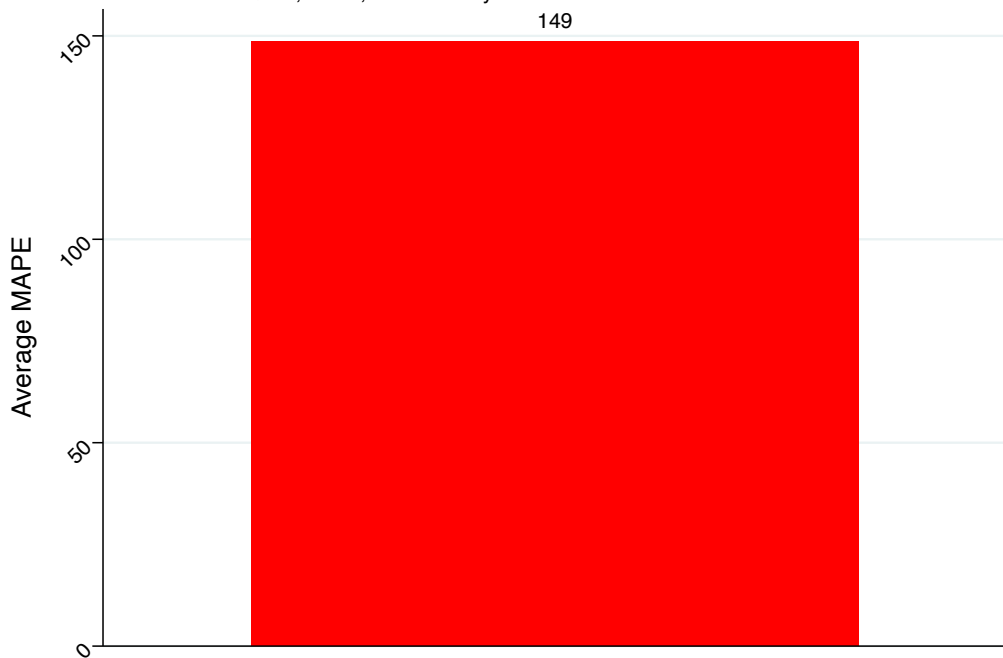
C19 daily deaths average MAPE over updates and calendar months

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

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

904

C19 daily deaths average MAPE over updates and calendar months

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

C19 daily deaths average MAPE over updates and calendar months

Qatar, UCLA, forecast only. MAPE: Median Absolute Percent Error

251
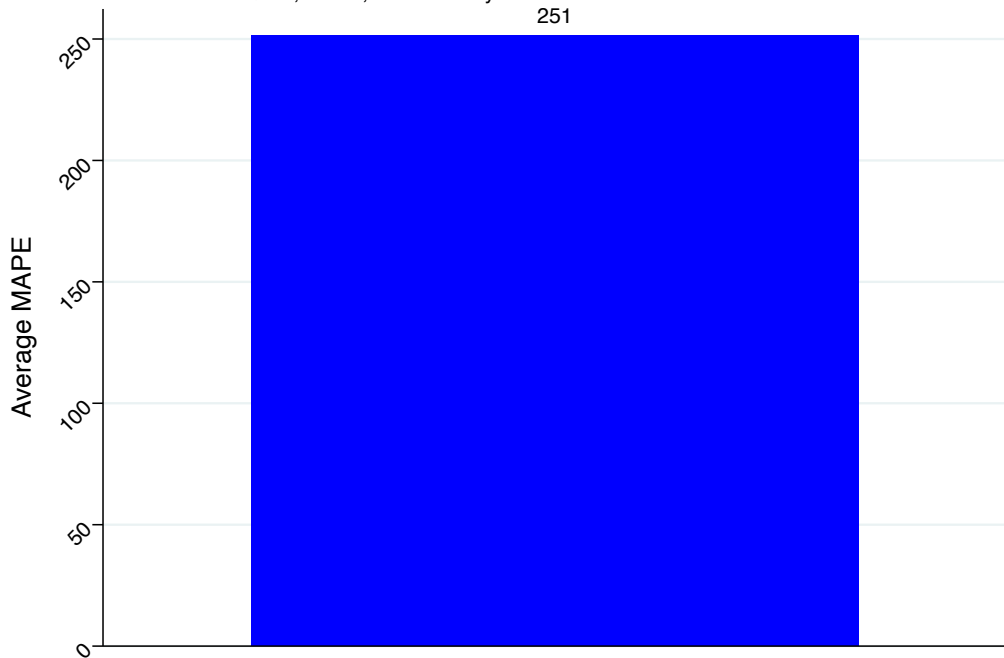
C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Qatar
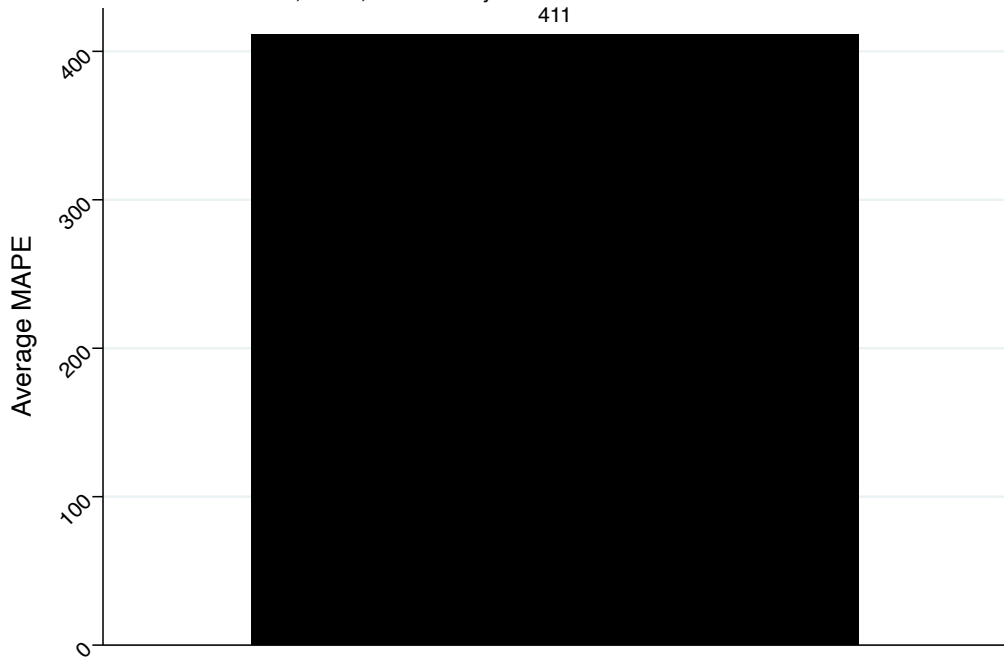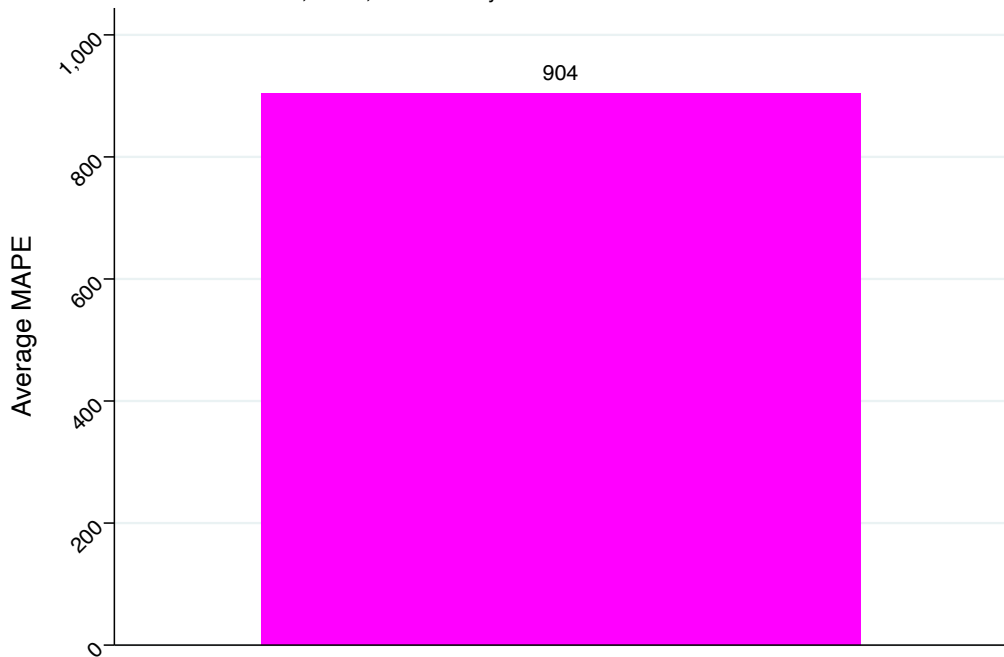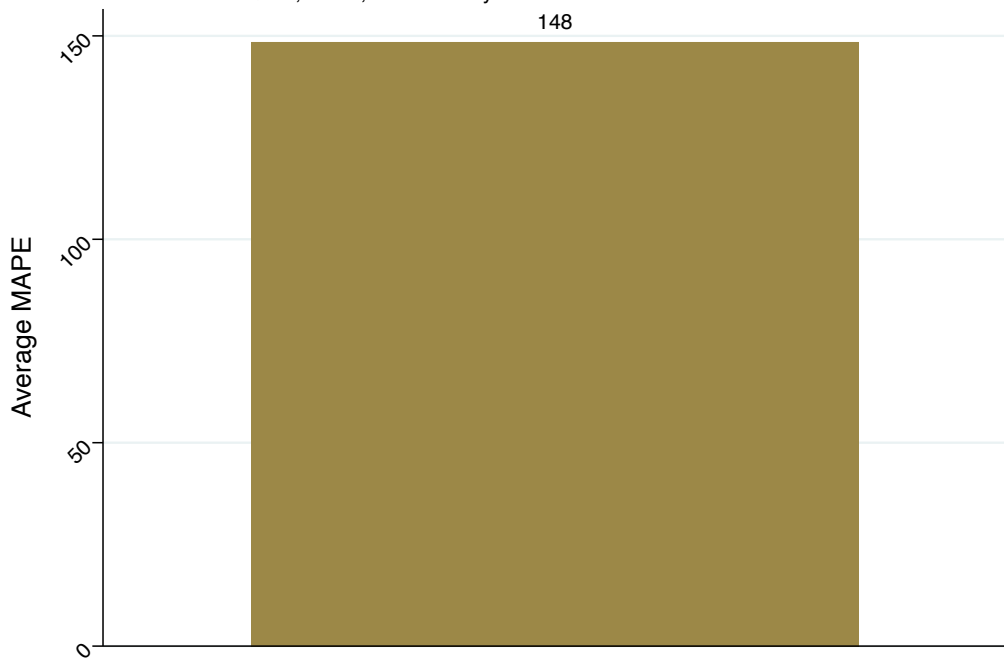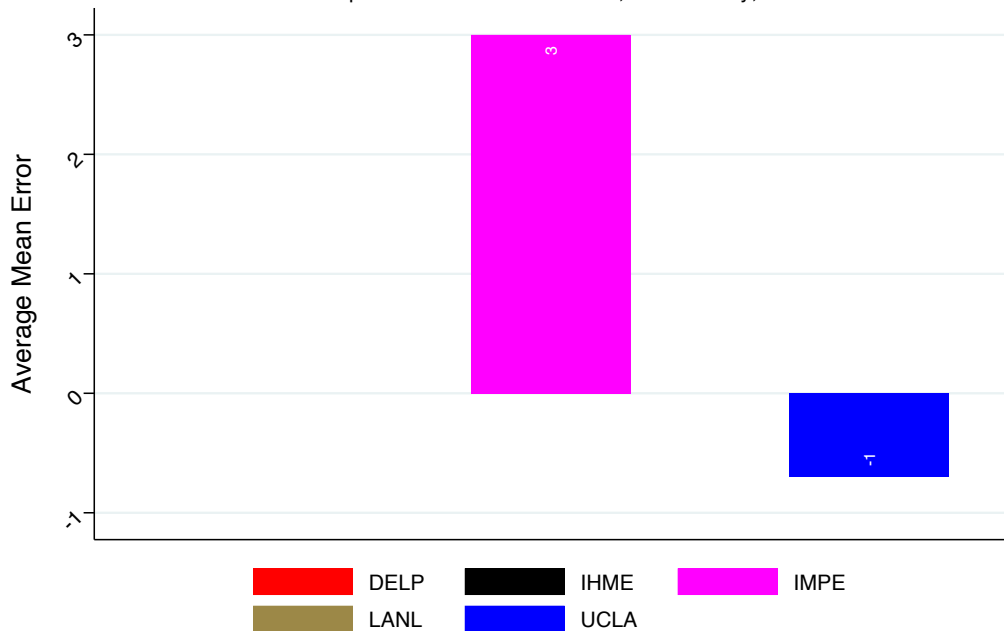
C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Qatar

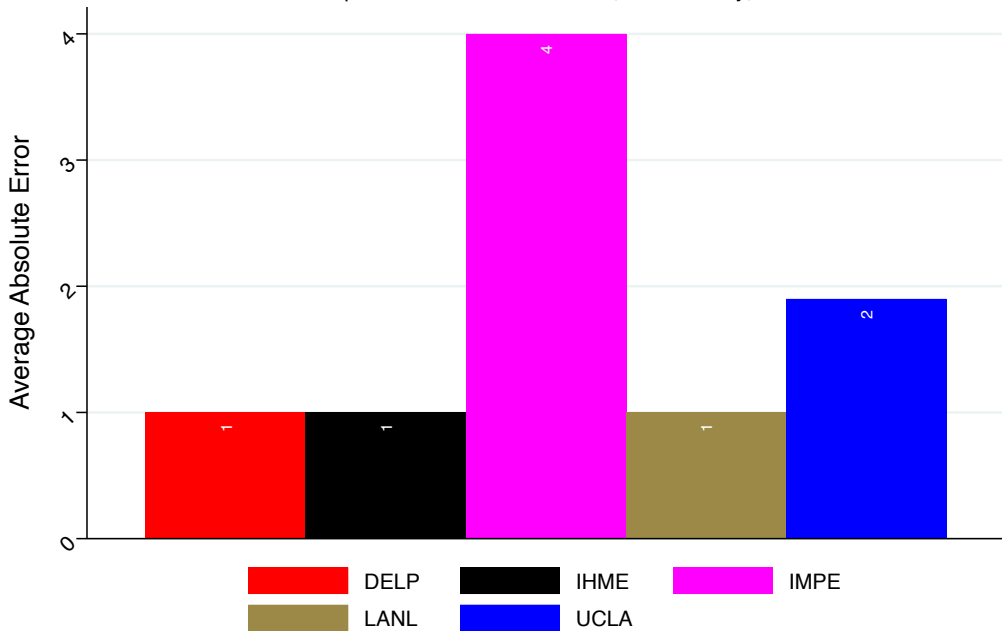# C19 daily deaths average of Percent Error
Over updates and calendar months; forecast only; Qatar

Average Percent Error

79 — DELP
376 — IHME
861 — IMPE
6 — LANL
164 — UCLA

| DELP | IHME | IMPE |
| LANL | UCLA | |
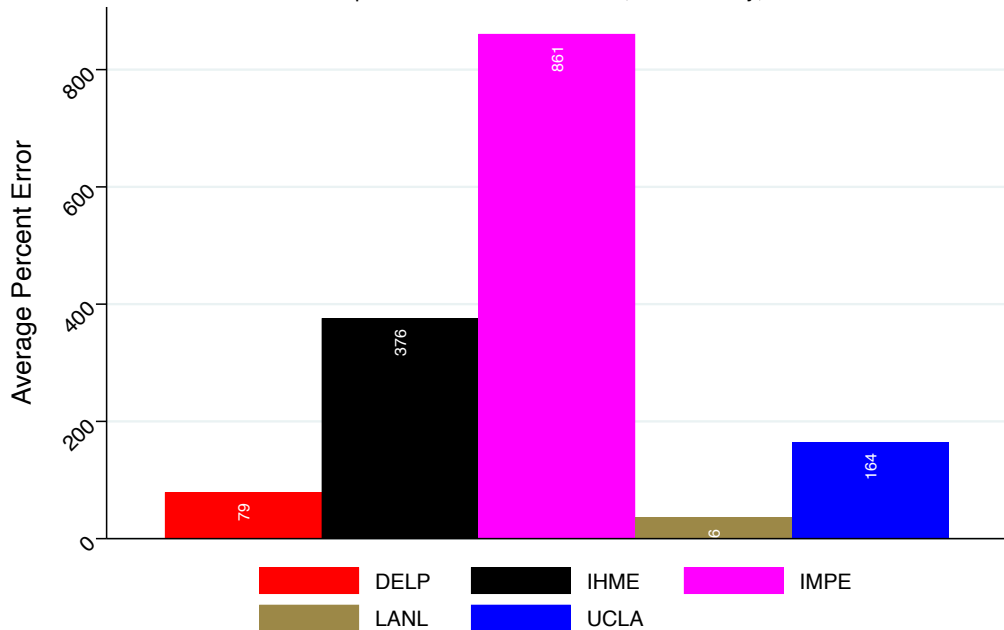
C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Qatar

Legend:
- DELP (red)
- IHME (black)
- IMPE (magenta)
- LANL (dark yellow)
- UCLA (blue)

Bar values: DELP 149, IHME 411, IMPE 904, LANL 149, UCLA 251
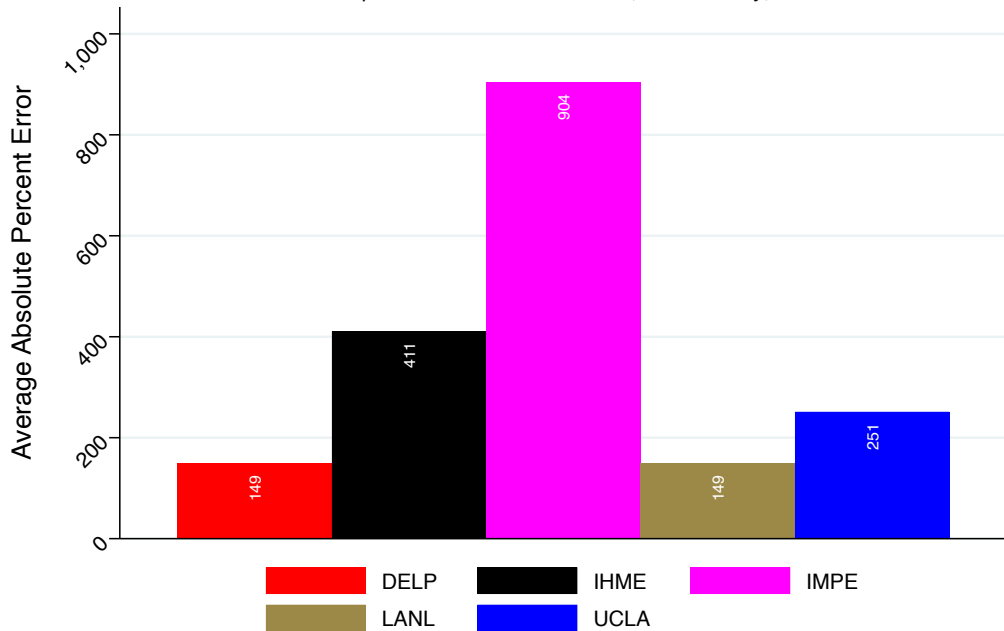
C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Qatar

	Error	Absolute error	Percent error	Absolute percent error

DELP: 79, 149
IHME: 376, 411
IMPE: 861, 904
LANL: 149
UCLA: 164, 251
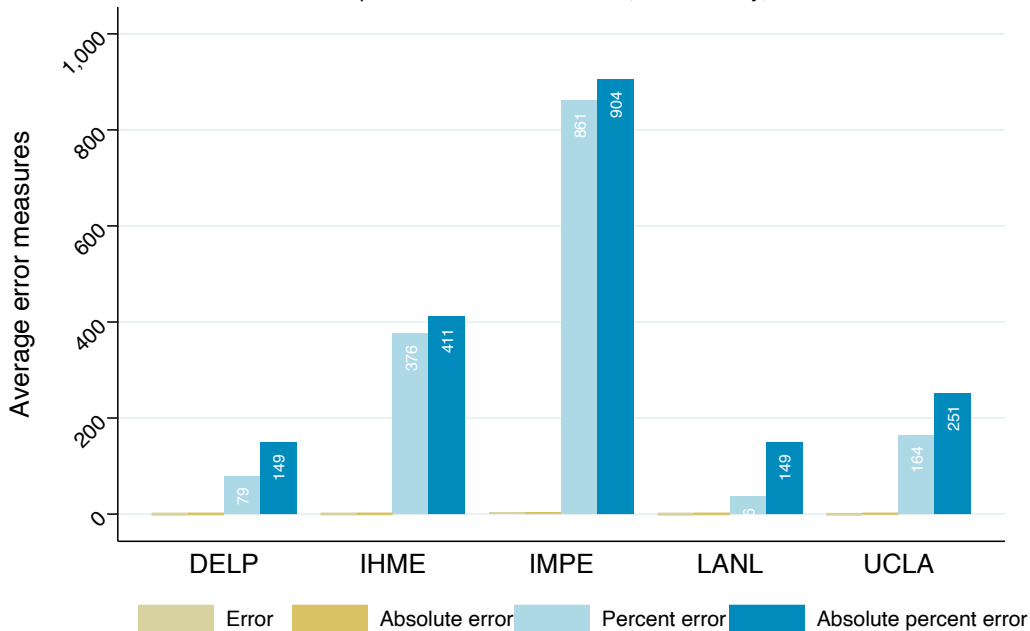
C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Qatar