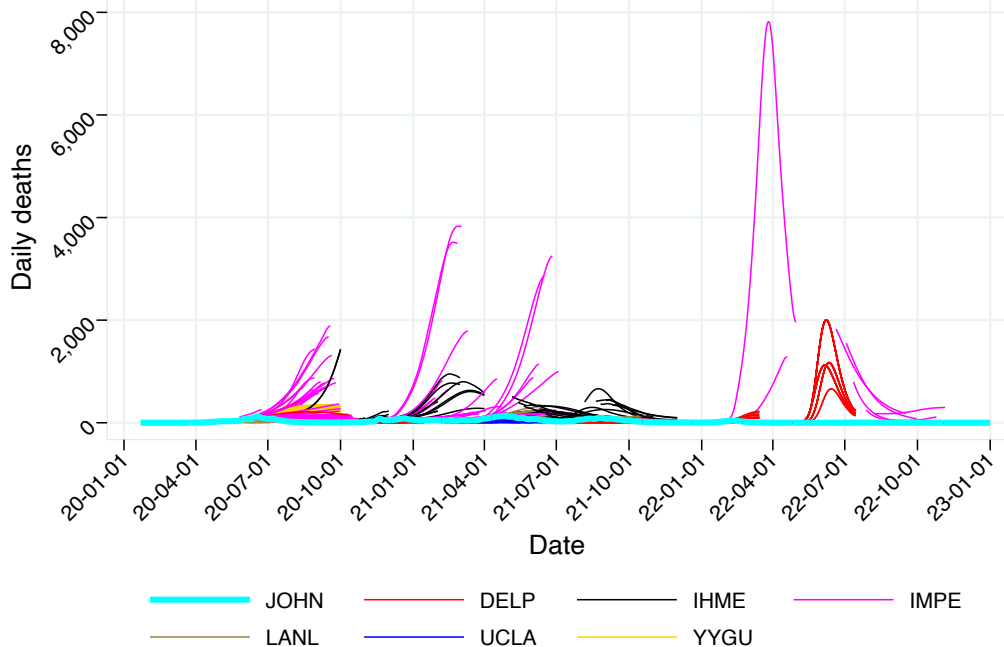
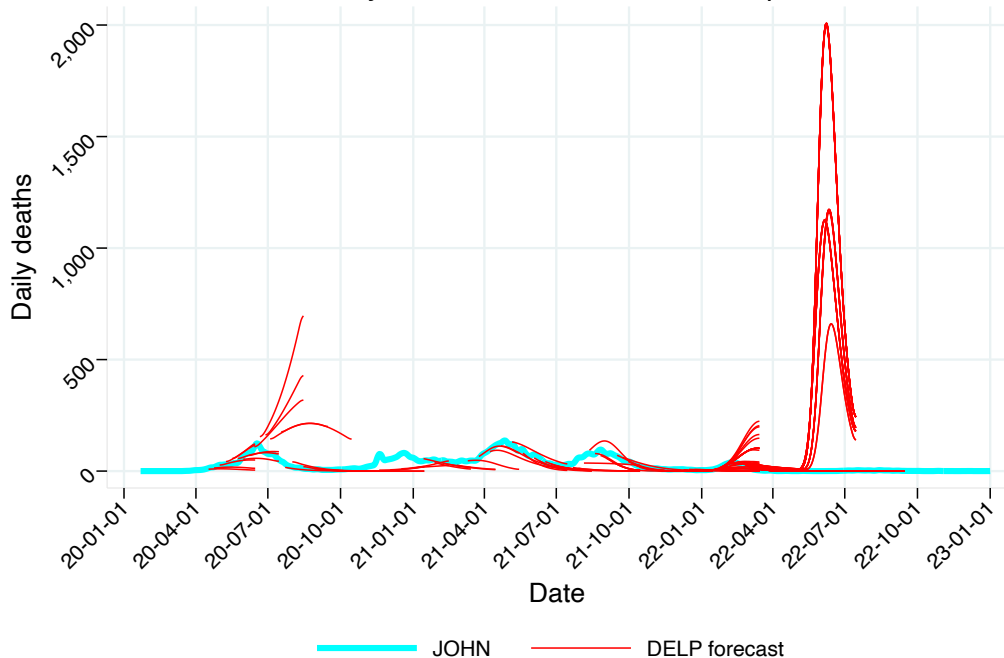


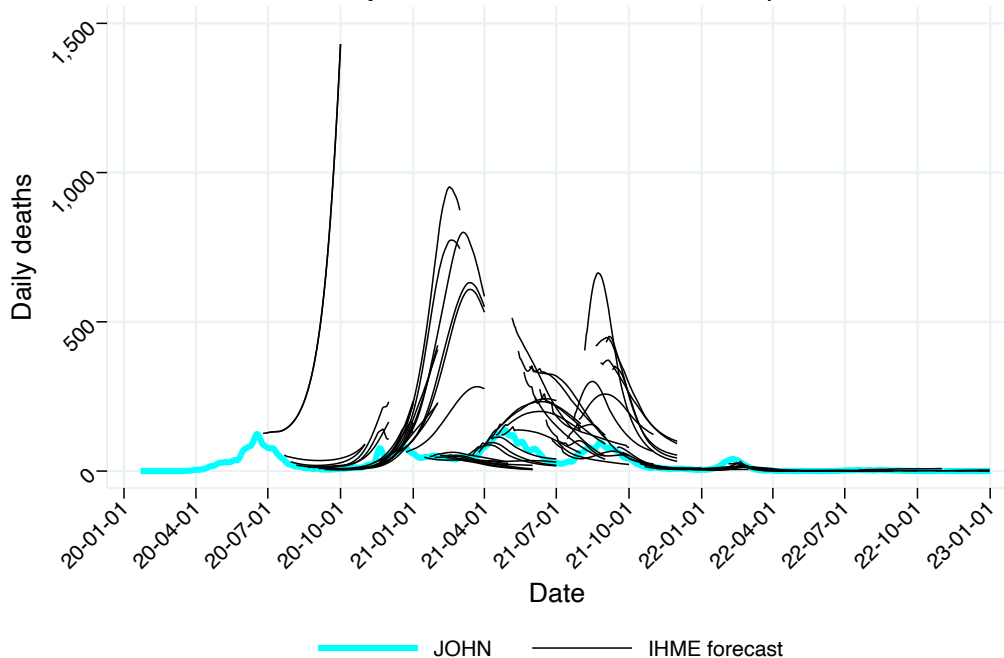
C19 daily deaths, Pakistan, all models, all updates, forecast only



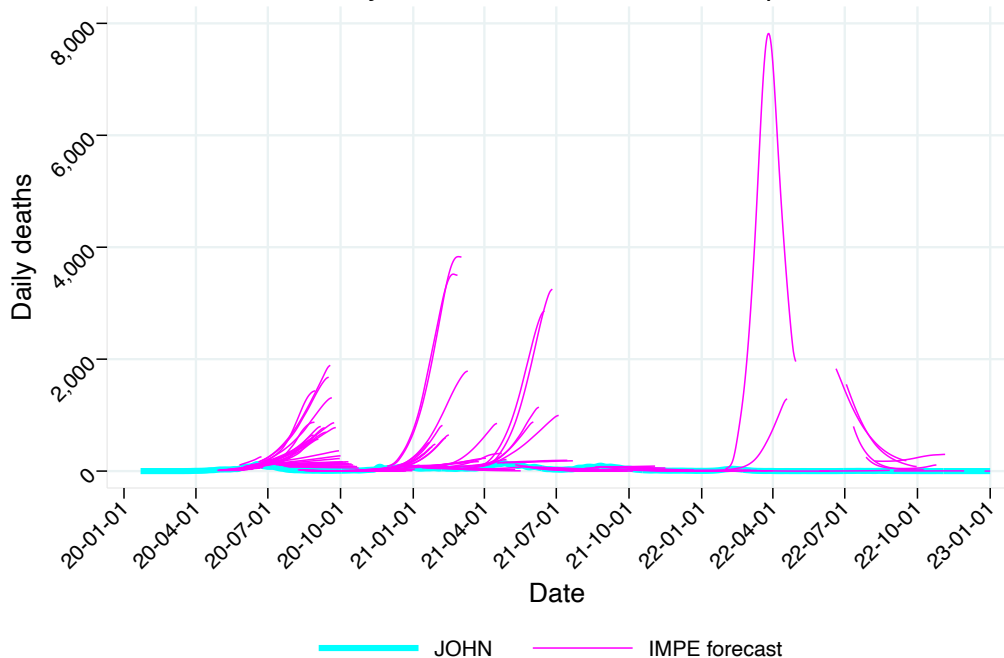
C19 daily deaths, Pakistan, DELP, all updates



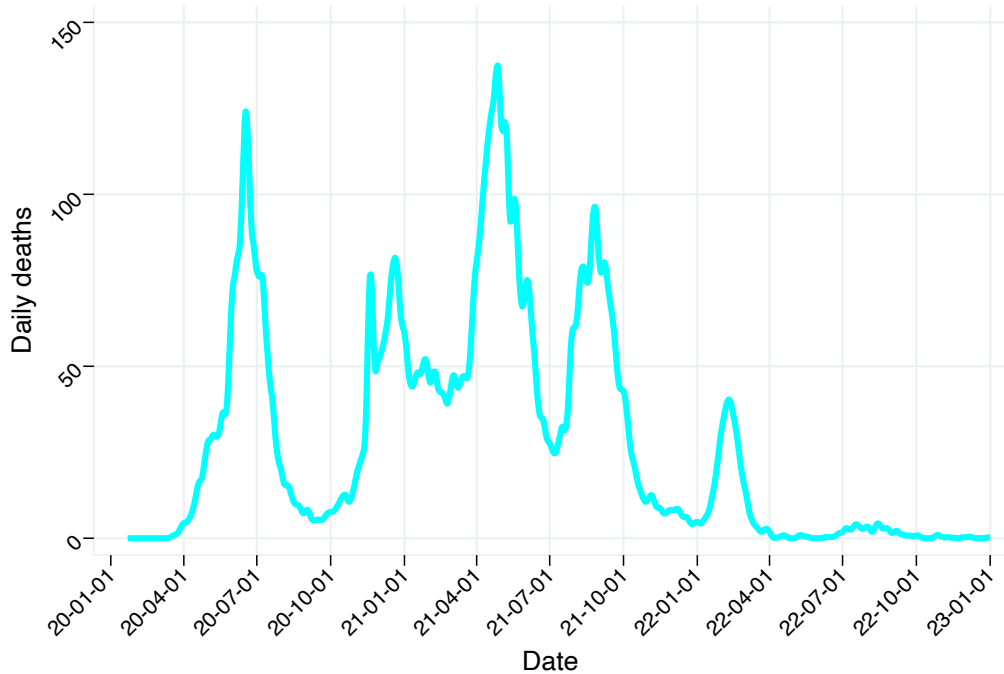
C19 daily deaths, Pakistan, IHME, all updates



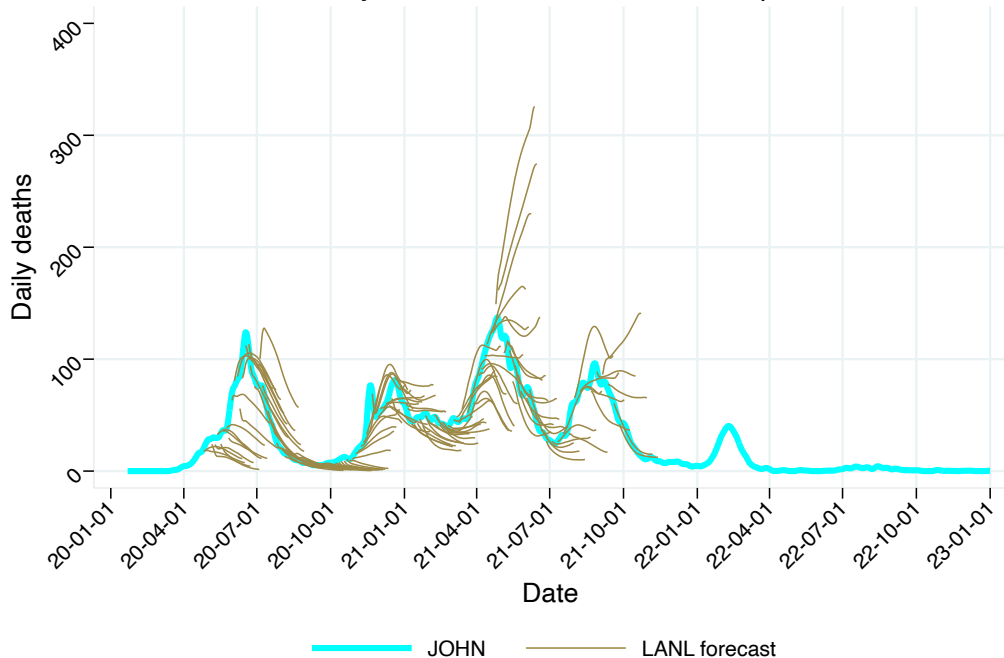
C19 daily deaths, Pakistan, IMPE, all updates



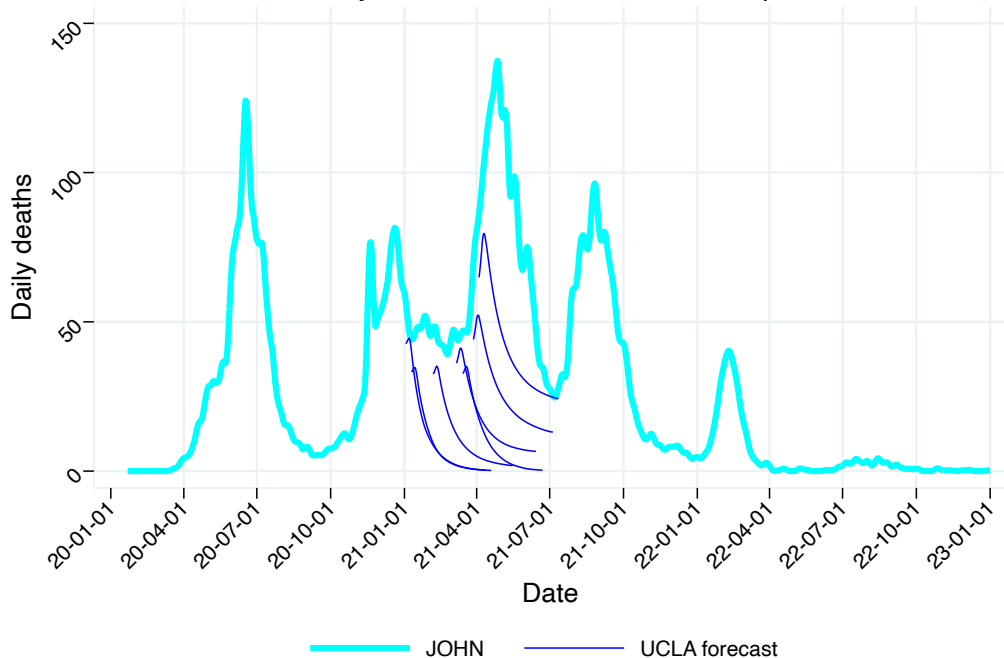
C19 daily deaths, Pakistan, JOHN



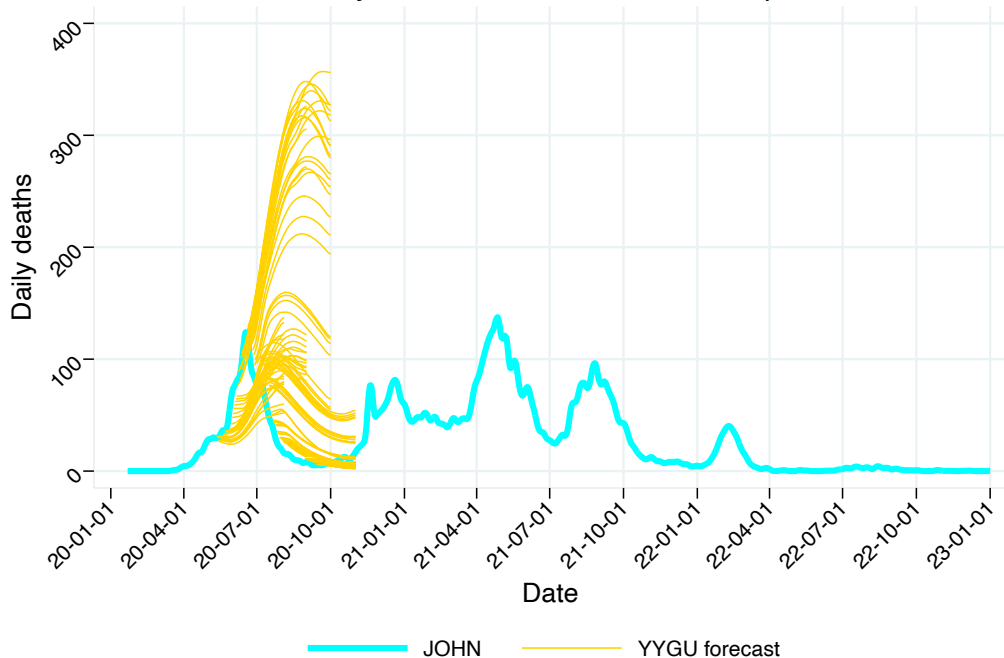
C19 daily deaths, Pakistan, LANL, all updates



C19 daily deaths, Pakistan, UCLA, all updates



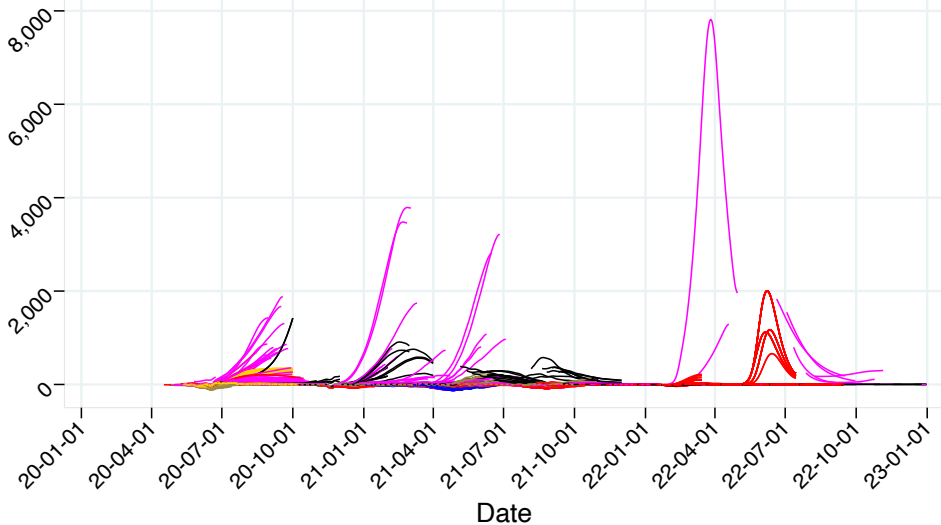
C19 daily deaths, Pakistan, YYGU, all updates



C19 daily deaths error

Pakistan, all Models, all updates, forecast only

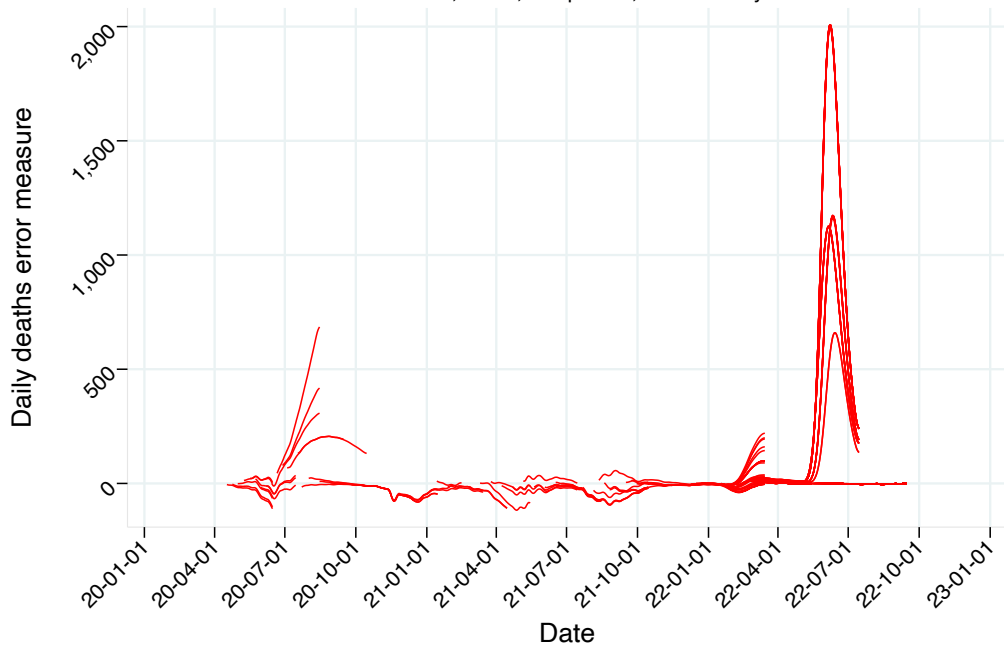
Daily deaths error measure



DELP IHME IMPE
LANL UCLA YYGU

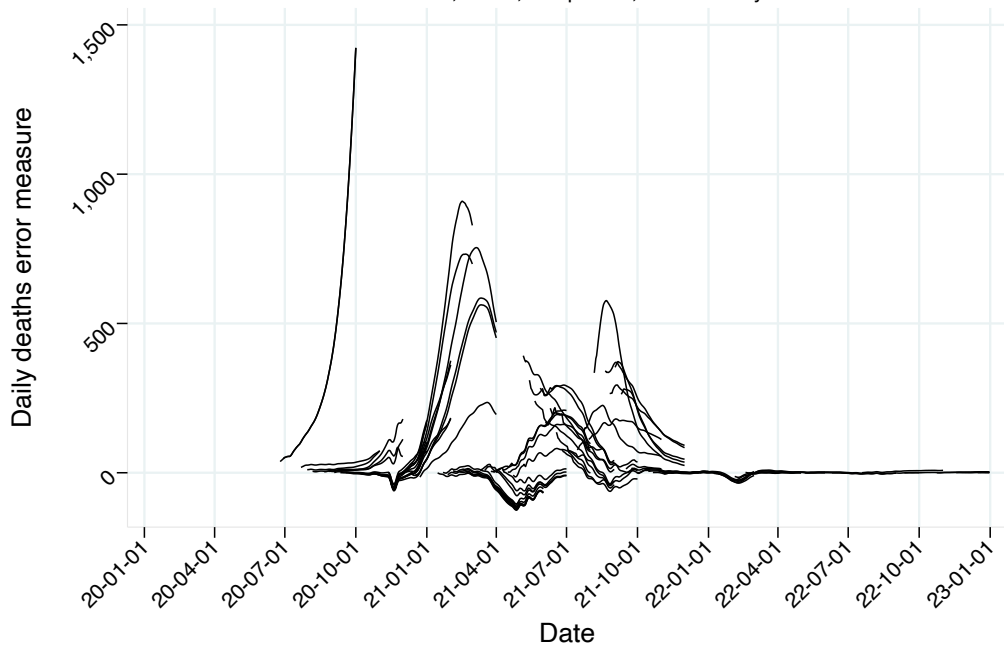
C19 daily deaths error

Pakistan, DELP, all updates, forecast only



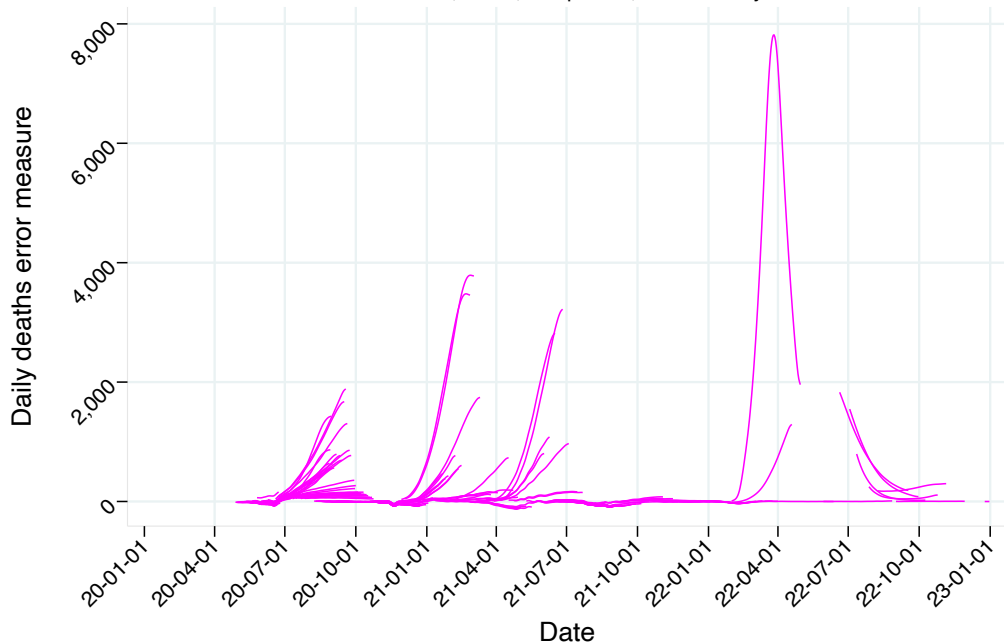
C19 daily deaths error

Pakistan, IHME, all updates, forecast only



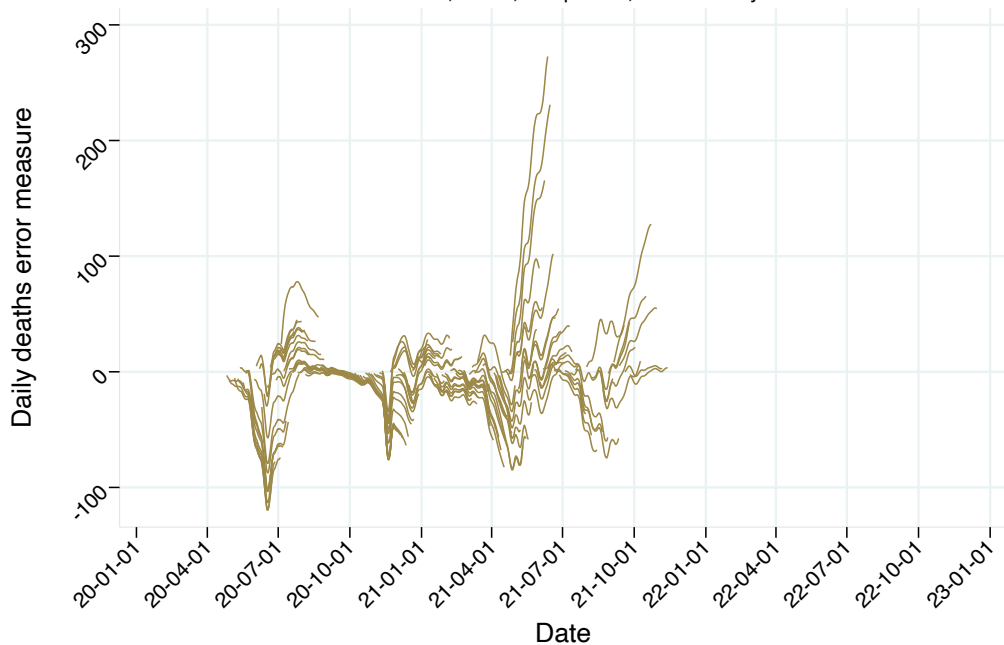
C19 daily deaths error

Pakistan, IMPE, all updates, forecast only



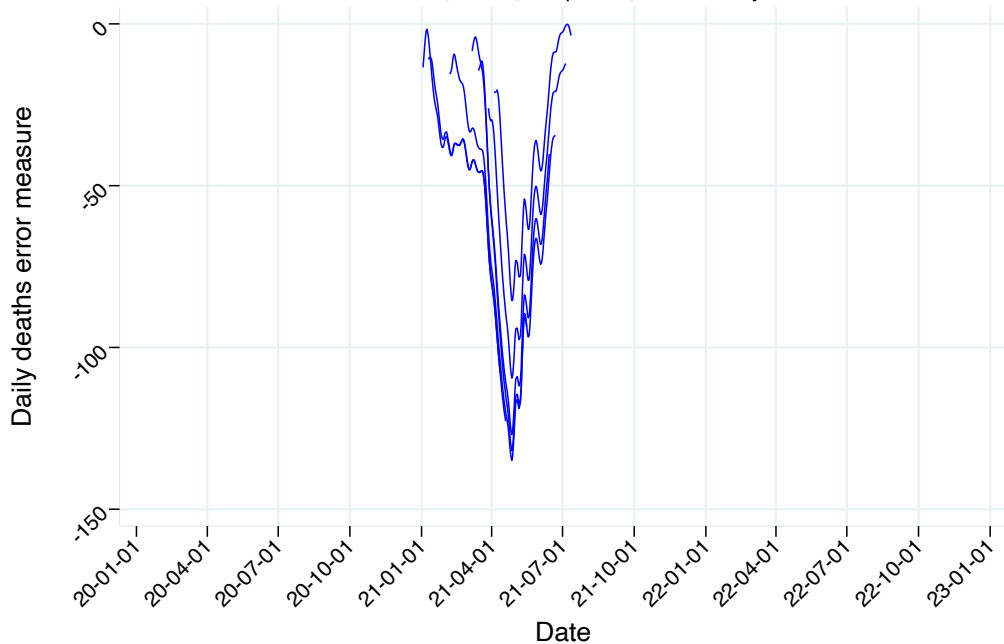
C19 daily deaths error

Pakistan, LANL, all updates, forecast only



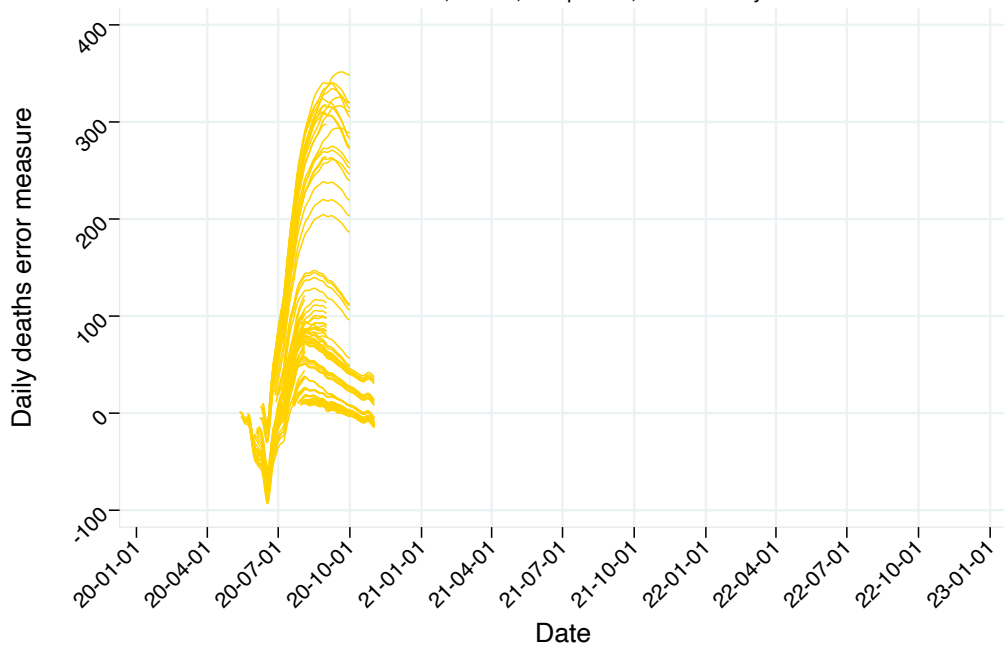
C19 daily deaths error

Pakistan, UCLA, all updates, forecast only



C19 daily deaths error

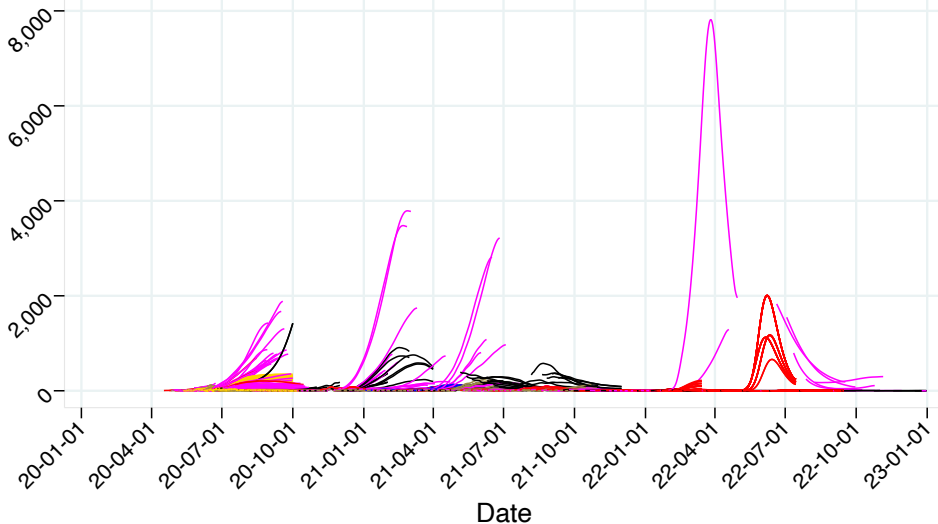
Pakistan, YYGU, all updates, forecast only



C19 daily deaths absolute error

Pakistan, all Models, all updates, forecast only

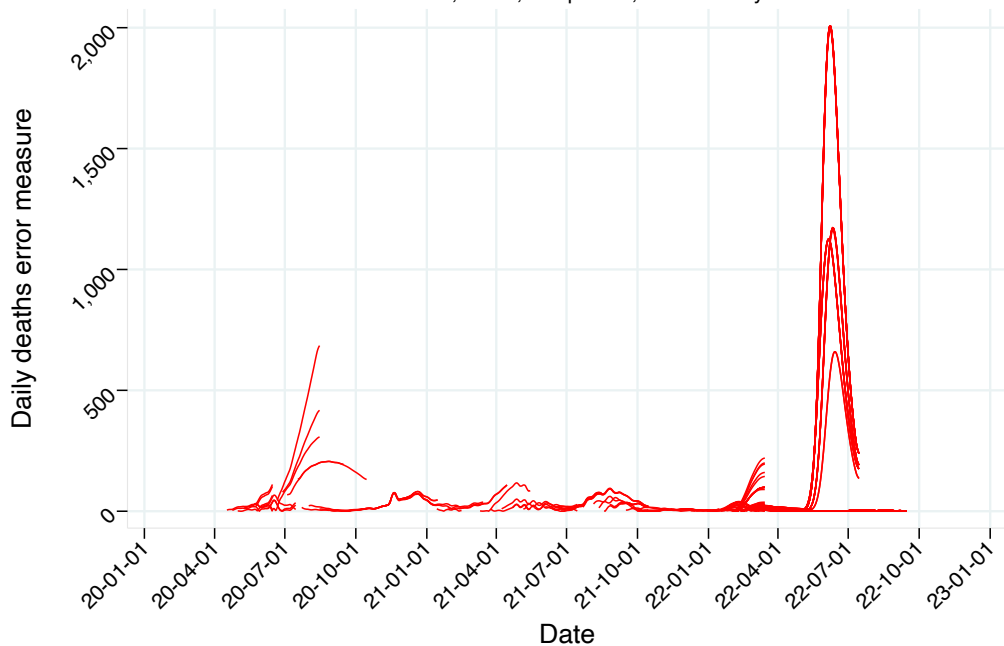
Daily deaths error measure



— Delp — IHME — IMPE
— LANL — UCLA — YYGU

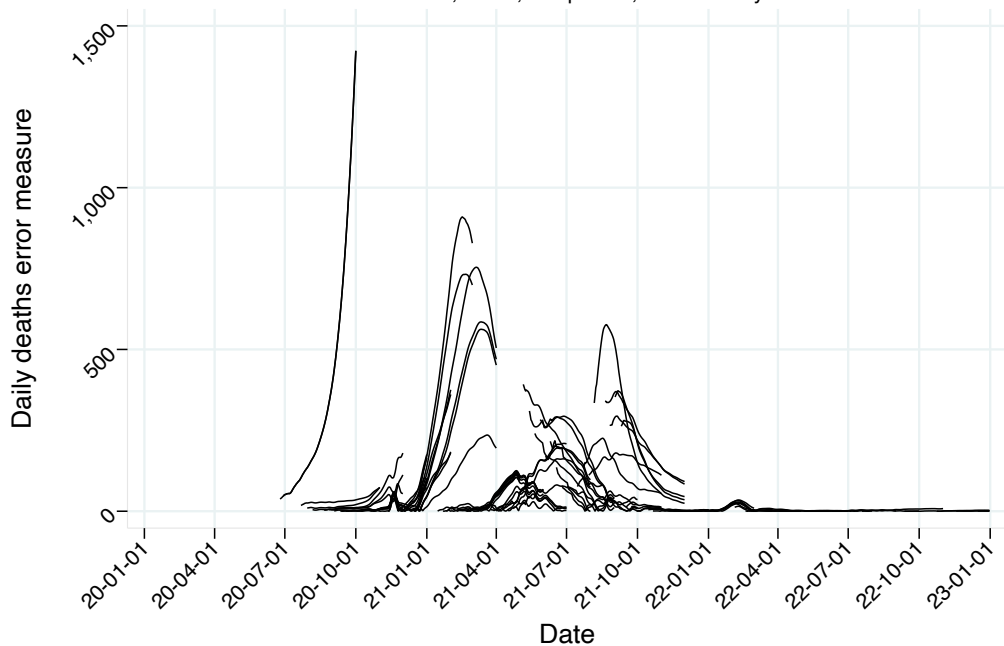
C19 daily deaths absolute error

Pakistan, DELP, all updates, forecast only



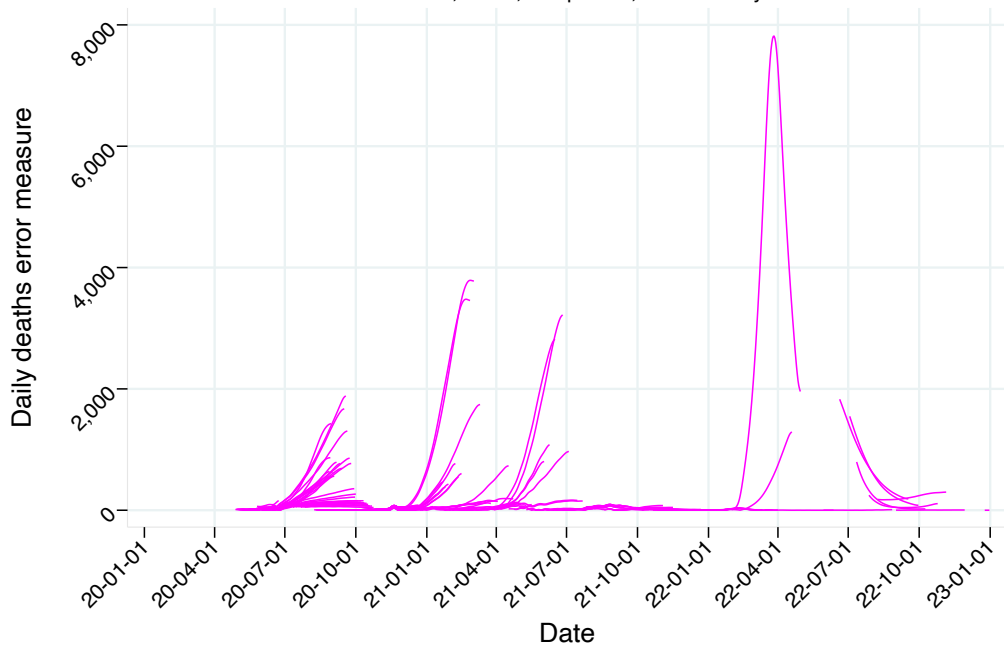
C19 daily deaths absolute error

Pakistan, IHME, all updates, forecast only



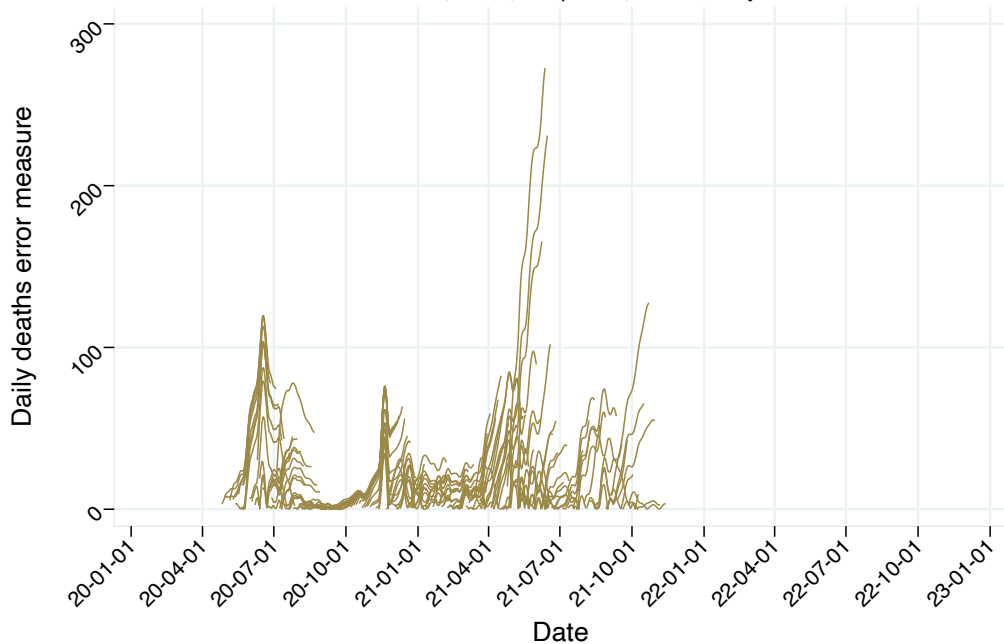
C19 daily deaths absolute error

Pakistan, IMPE, all updates, forecast only



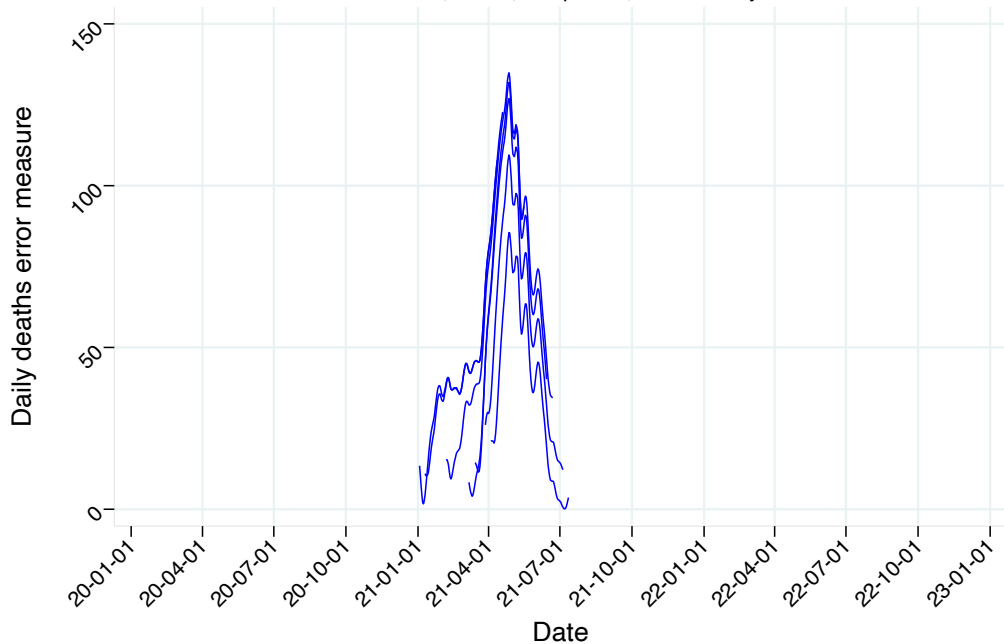
C19 daily deaths absolute error

Pakistan, LANL, all updates, forecast only



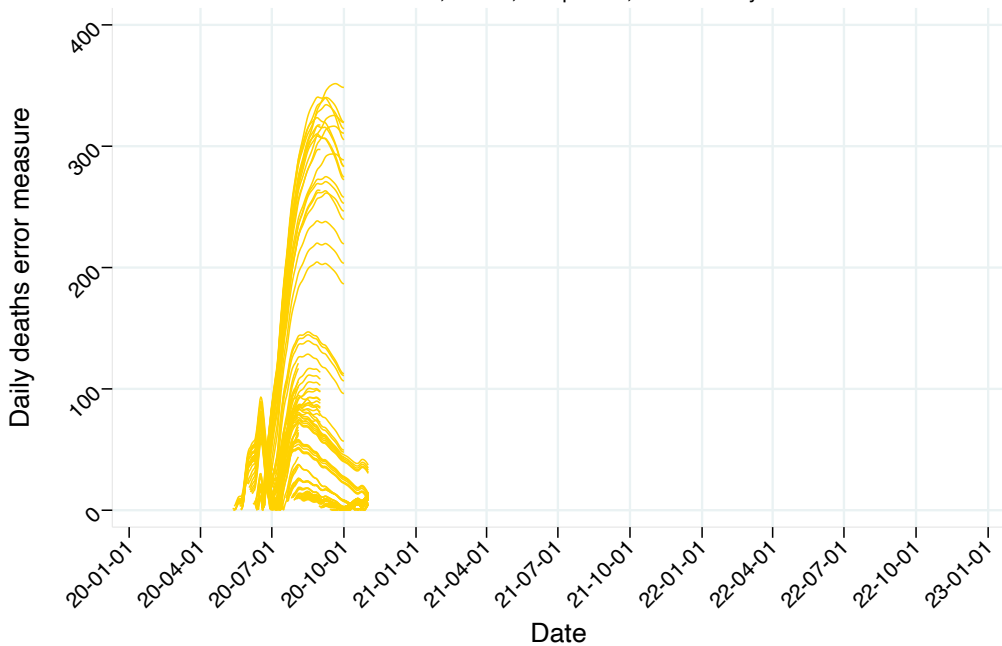
C19 daily deaths absolute error

Pakistan, UCLA, all updates, forecast only



C19 daily deaths absolute error

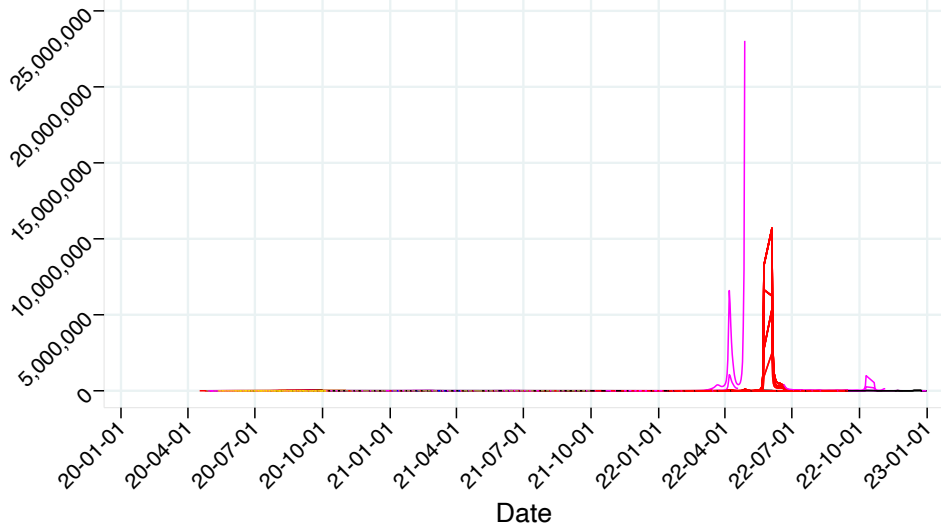
Pakistan, YYGU, all updates, forecast only



C19 daily deaths percent error

Pakistan, all Models, all updates, forecast only

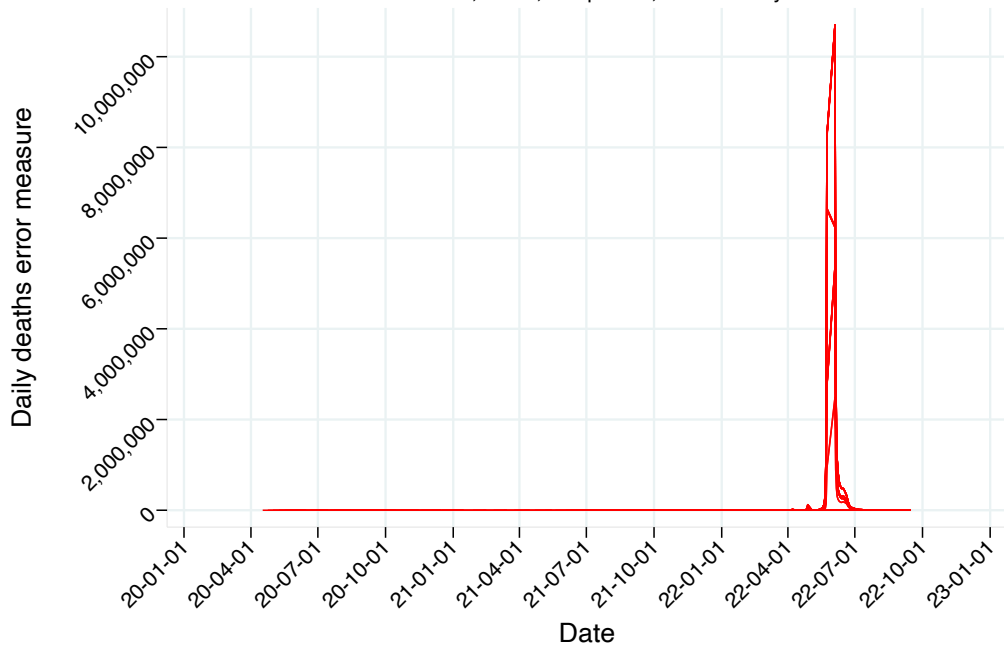
Daily deaths error measure



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

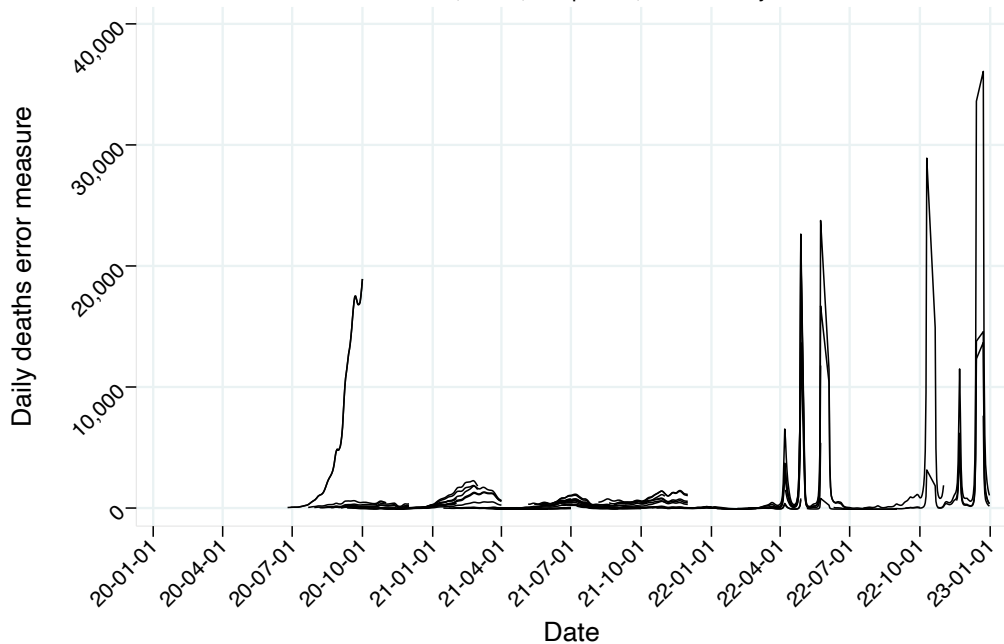
C19 daily deaths percent error

Pakistan, DELP, all updates, forecast only



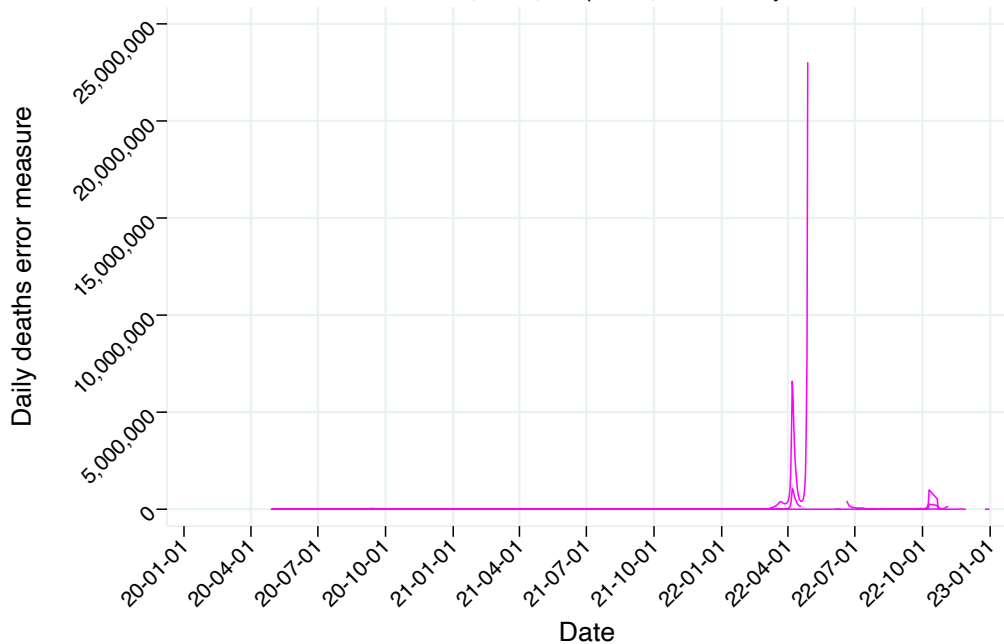
C19 daily deaths percent error

Pakistan, IHME, all updates, forecast only



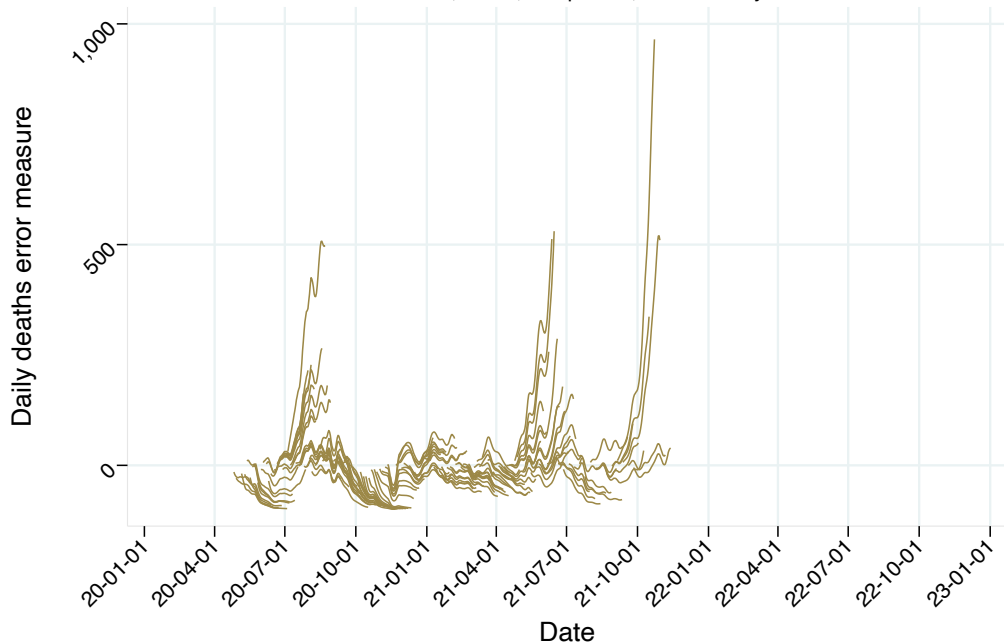
C19 daily deaths percent error

Pakistan, IMPE, all updates, forecast only



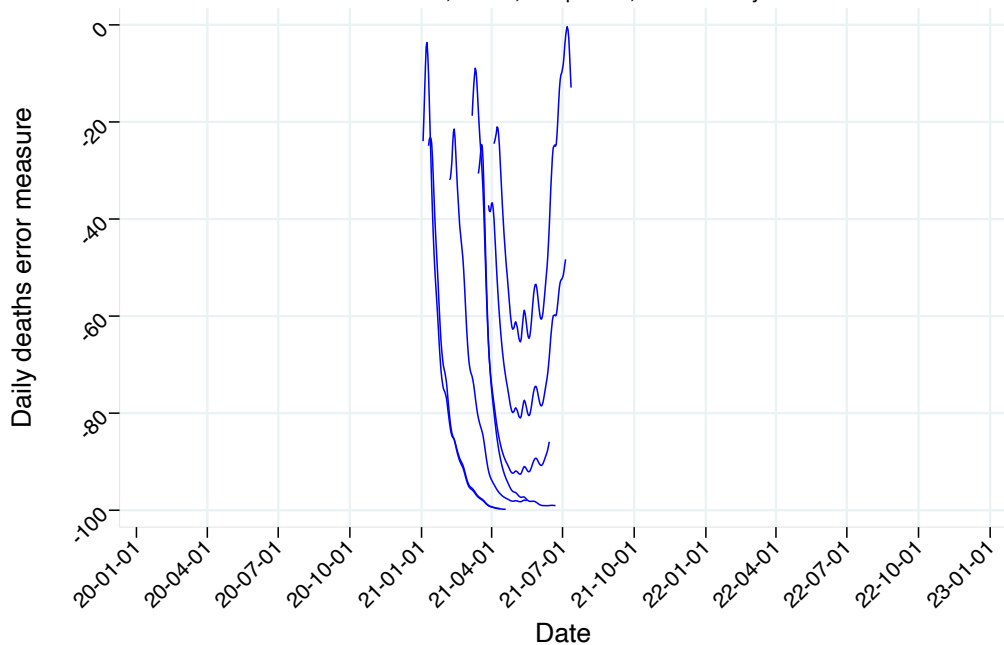
C19 daily deaths percent error

Pakistan, LANL, all updates, forecast only



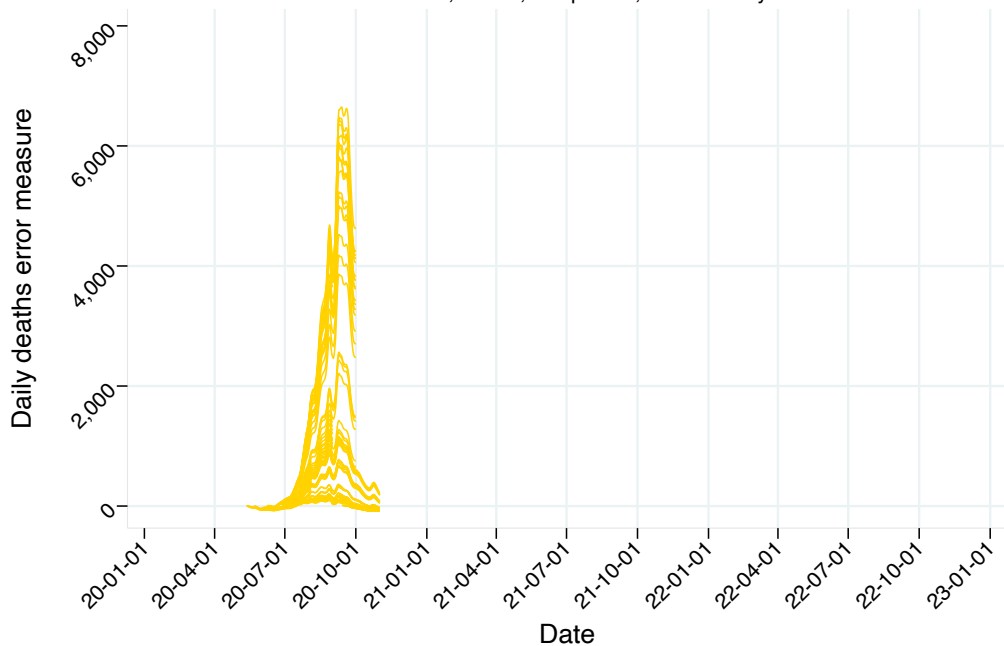
C19 daily deaths percent error

Pakistan, UCLA, all updates, forecast only



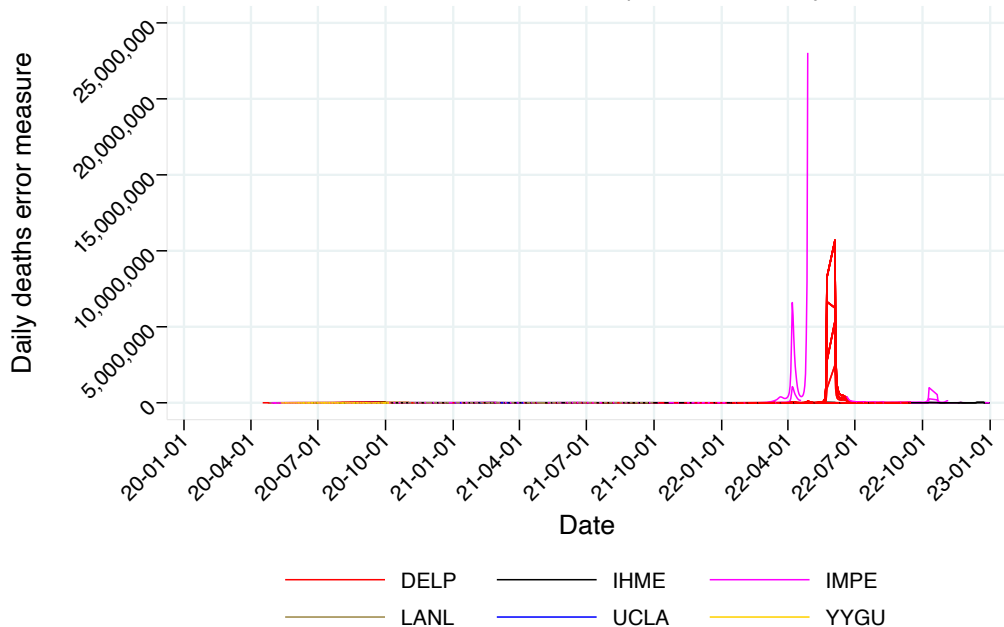
C19 daily deaths percent error

Pakistan, YYGU, all updates, forecast only



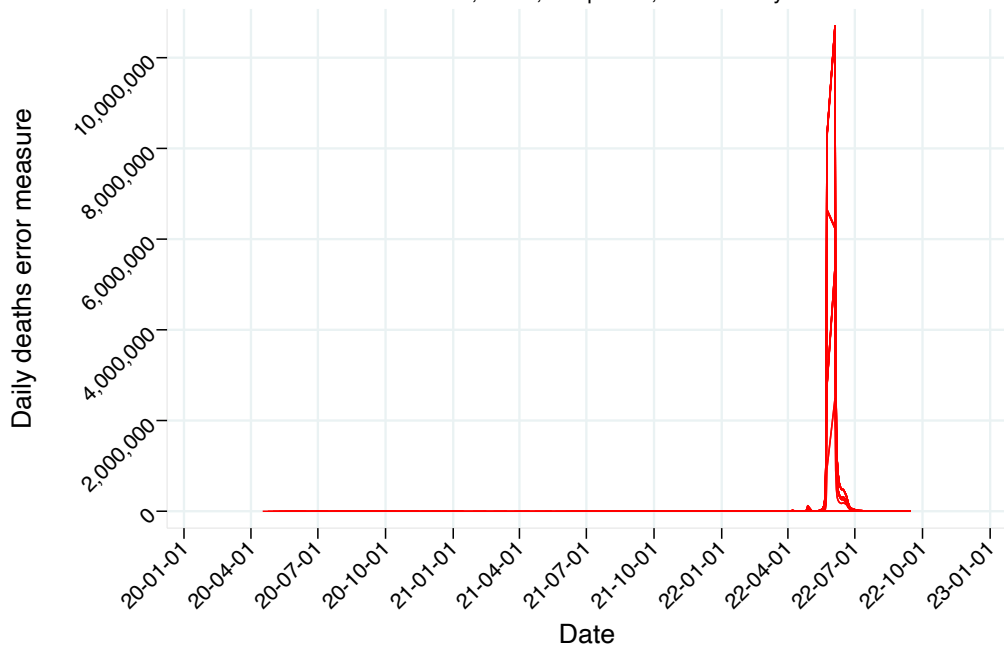
C19 daily deaths absolute percent error

Pakistan, ALL MODELS, all updates, forecast only



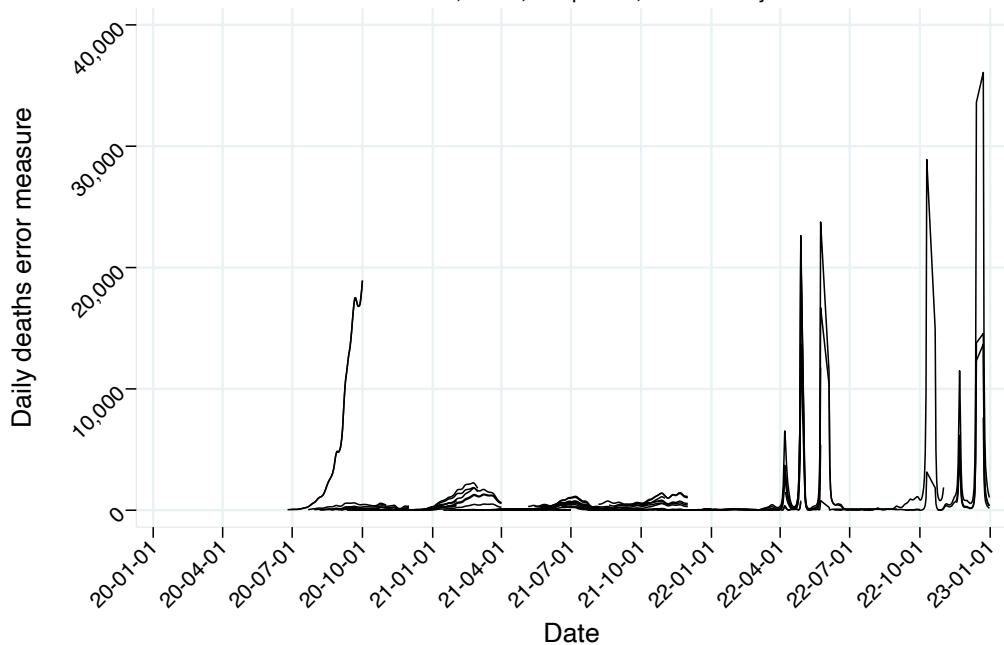
C19 daily deaths absolute percent error

Pakistan, DELP, all updates, forecast only



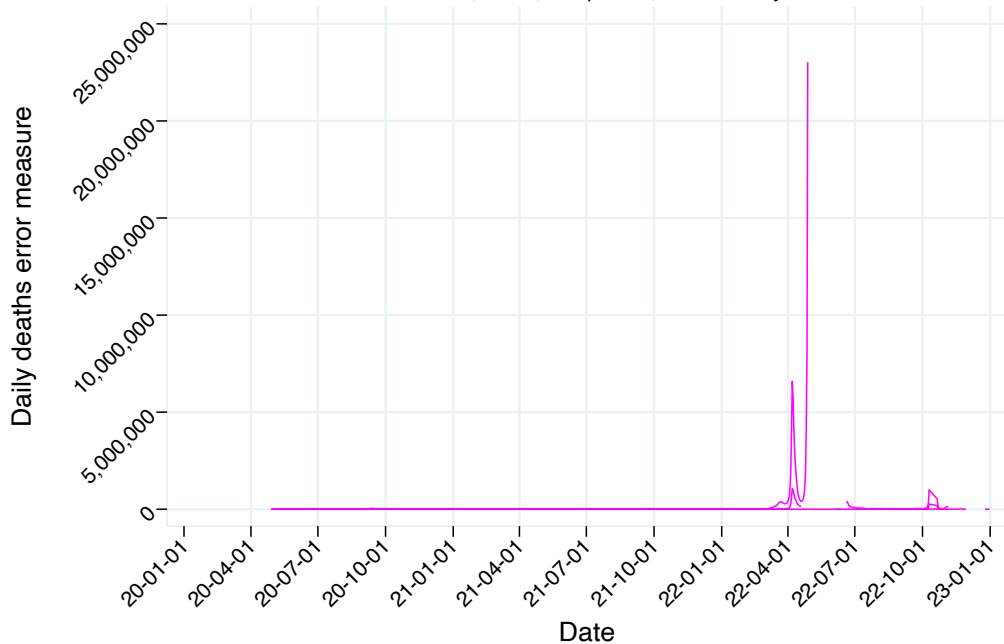
C19 daily deaths absolute percent error

Pakistan, IHME, all updates, forecast only



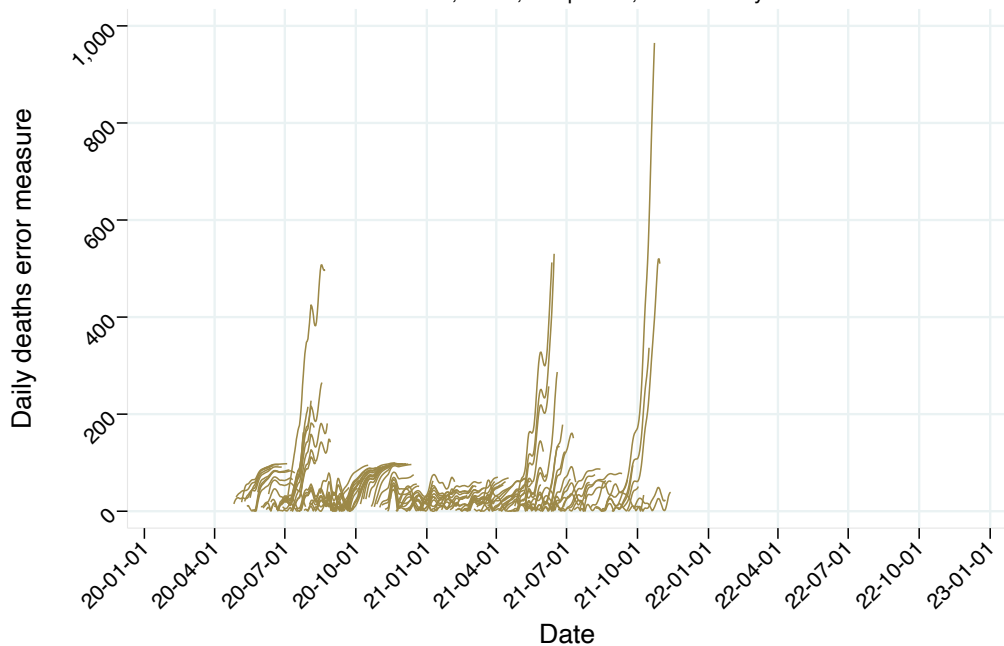
C19 daily deaths absolute percent error

Pakistan, IMPE, all updates, forecast only



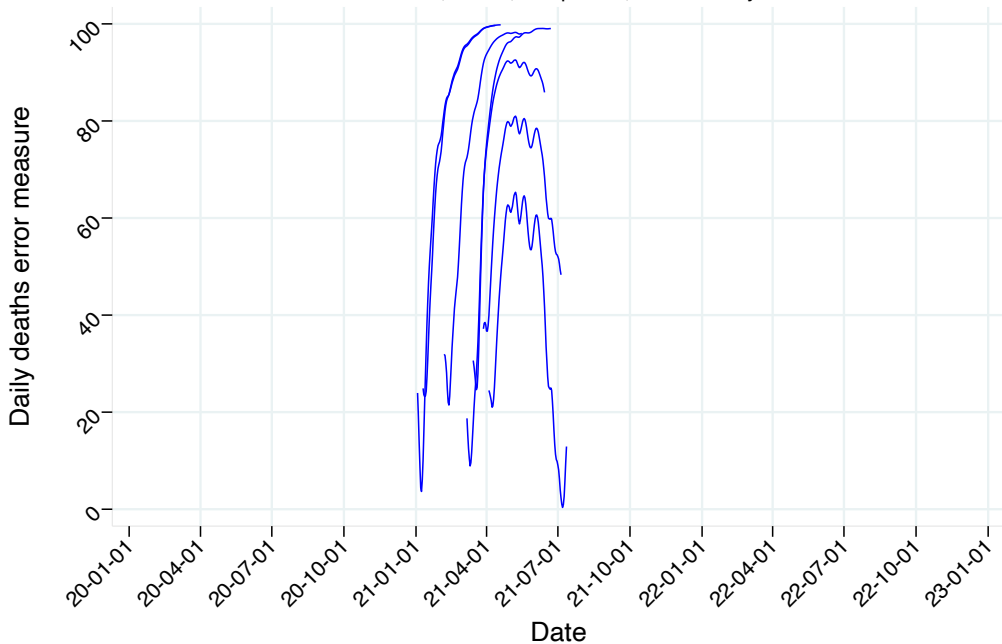
C19 daily deaths absolute percent error

Pakistan, LANL, all updates, forecast only



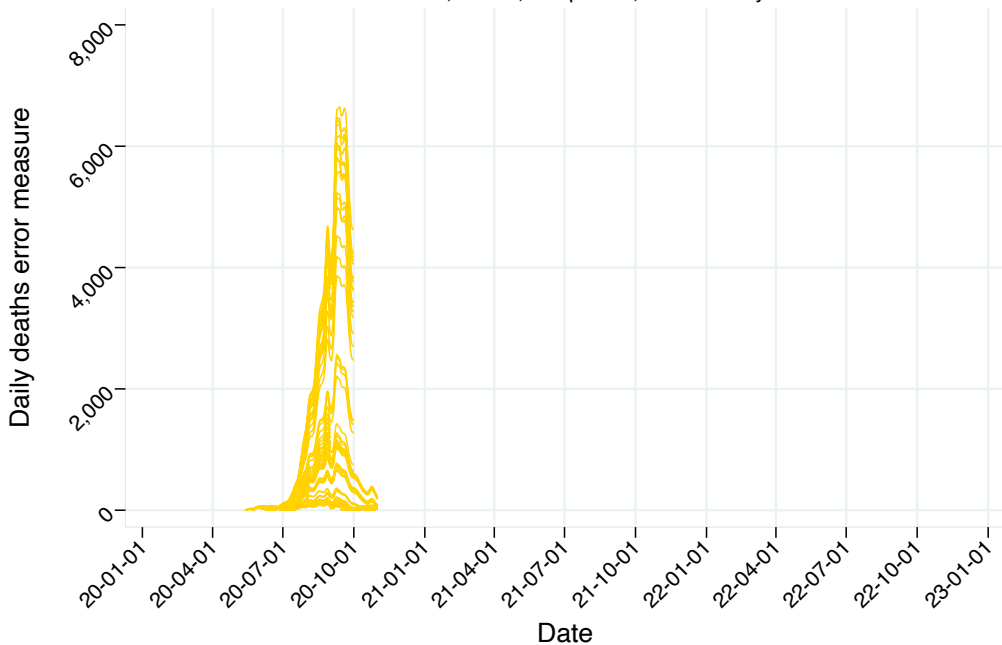
C19 daily deaths absolute percent error

Pakistan, UCLA, all updates, forecast only



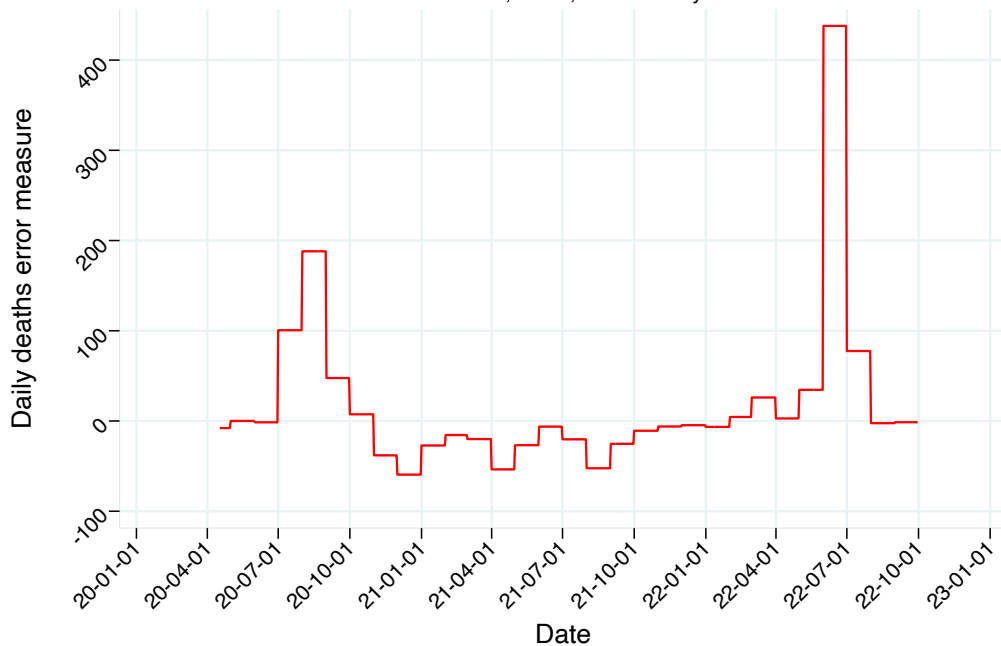
C19 daily deaths absolute percent error

Pakistan, YYGU, all updates, forecast only



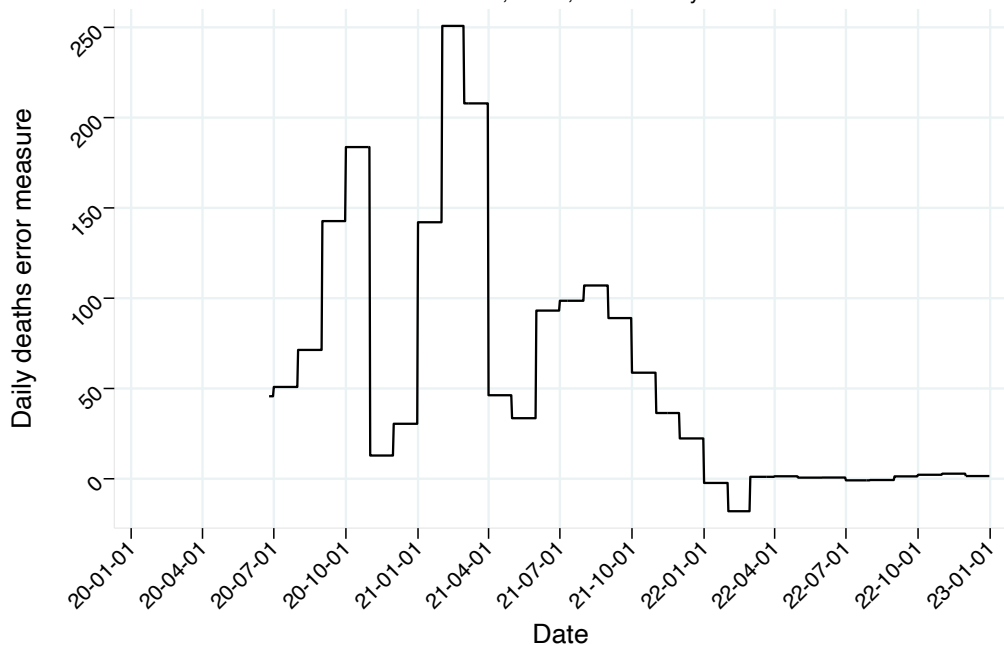
C19 daily deaths, average median error

Pakistan, DELP, forecast only



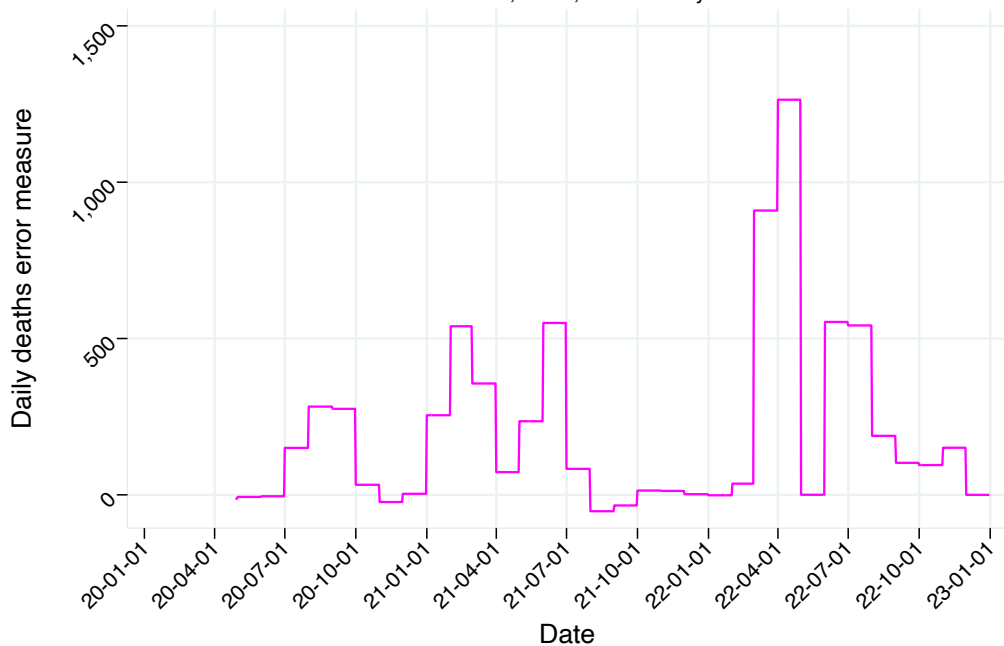
C19 daily deaths, average median error

Pakistan, IHME, forecast only



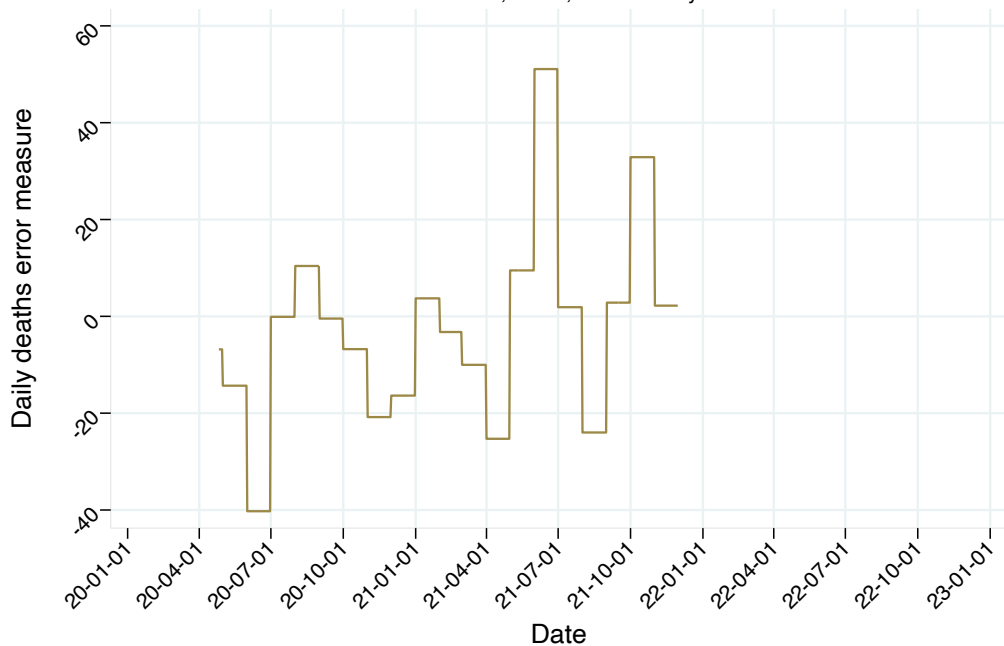
C19 daily deaths, average median error

Pakistan, IMPE, forecast only



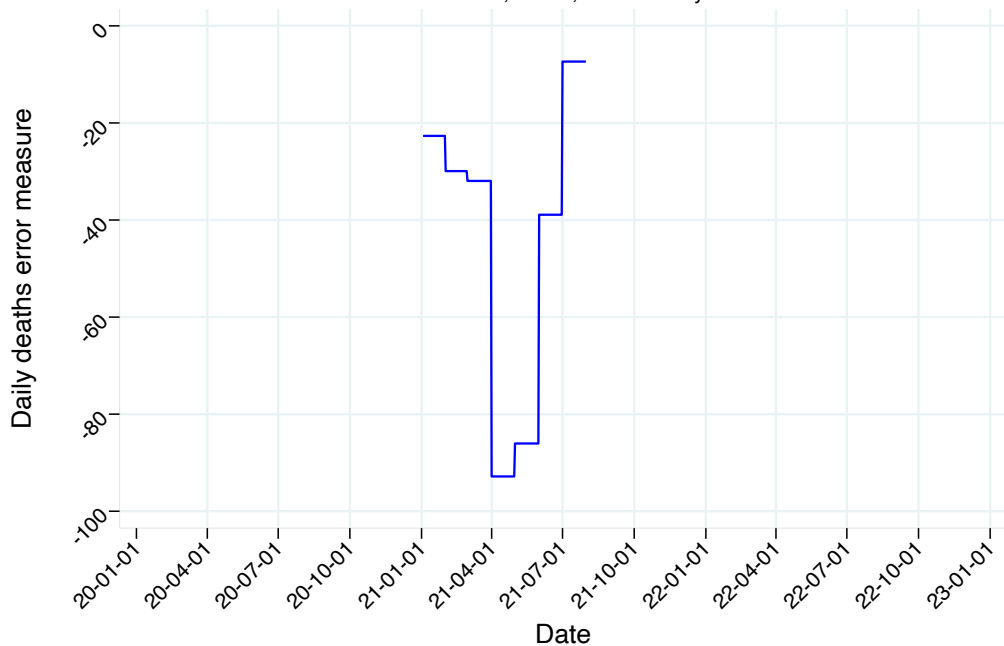
C19 daily deaths, average median error

Pakistan, LANL, forecast only



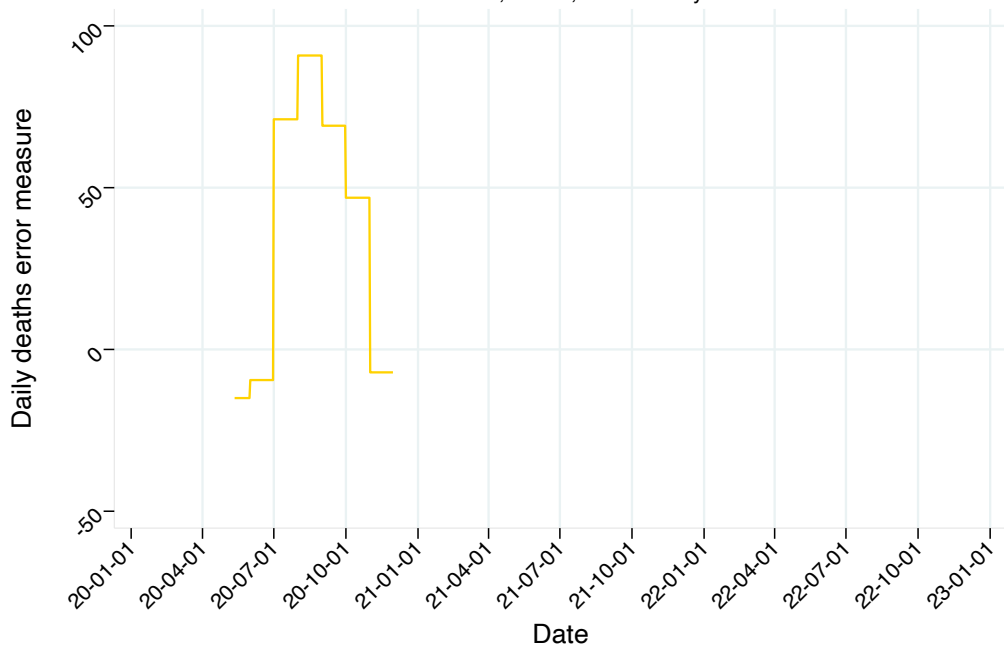
C19 daily deaths, average median error

Pakistan, UCLA, forecast only



C19 daily deaths, average median error

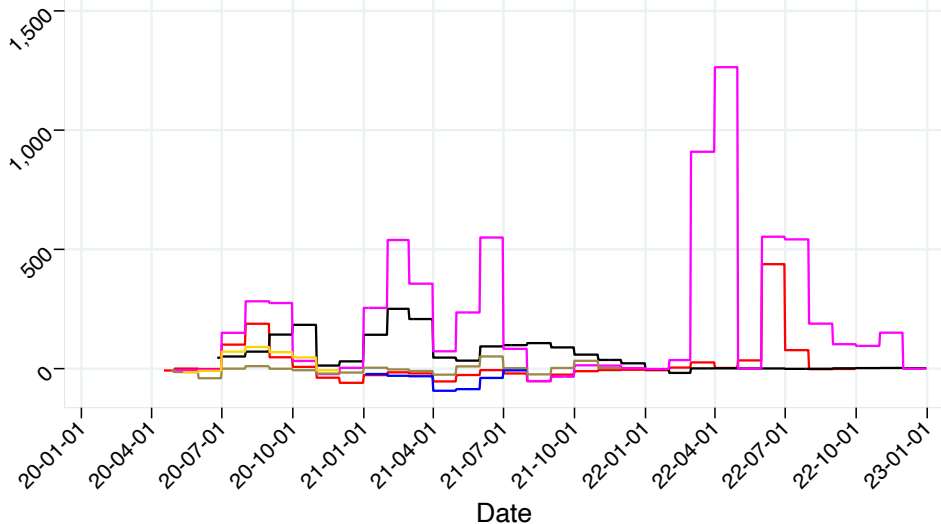
Pakistan, YYGU, forecast only



C19 daily deaths, average median error

Pakistan, all Models, forecast only

Daily deaths error measure

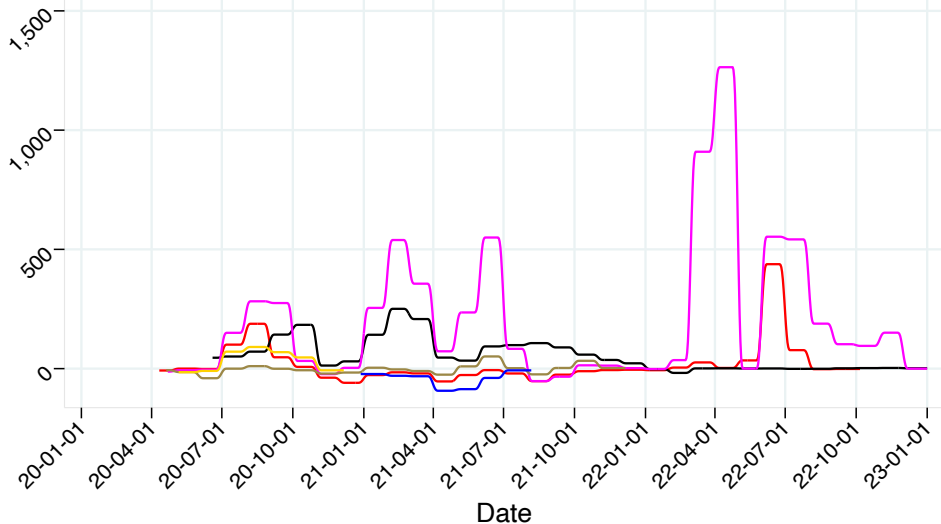


DELP IHME IMPE
LANL UCLA YYGU

C19 daily deaths, average median error

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

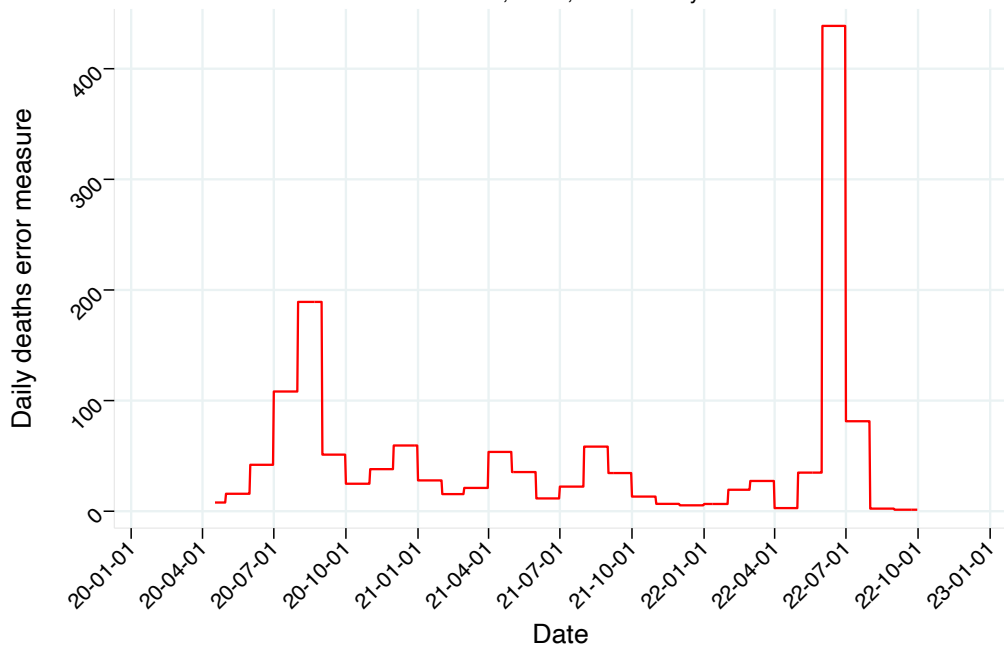
Daily deaths error measure



DELP IHME IMPE
LANL UCLA YYGU

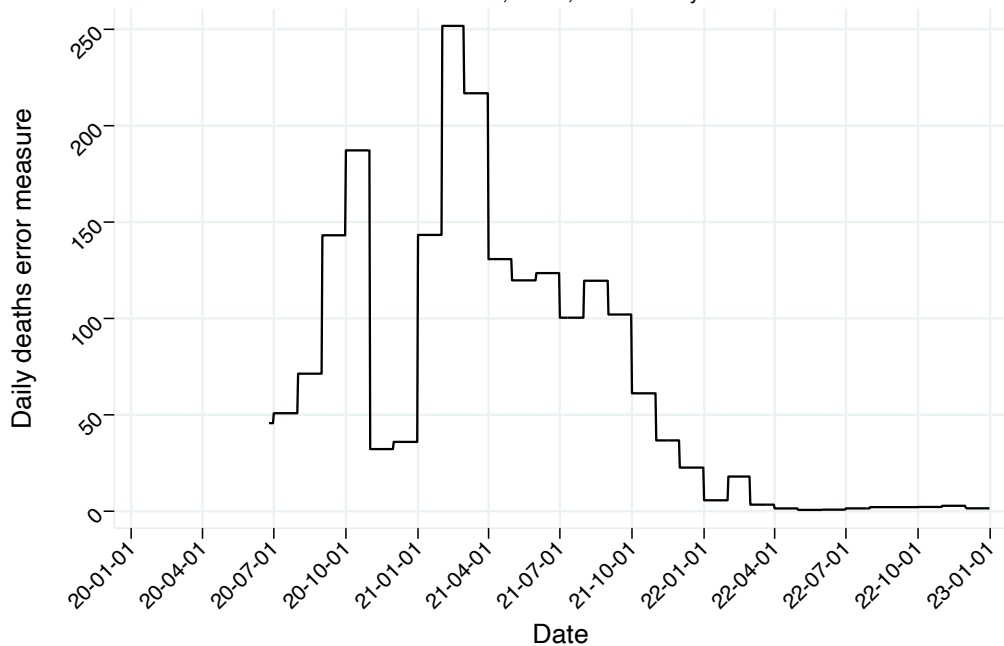
C19 daily deaths, average median absolute error

Pakistan, DELP, forecast only



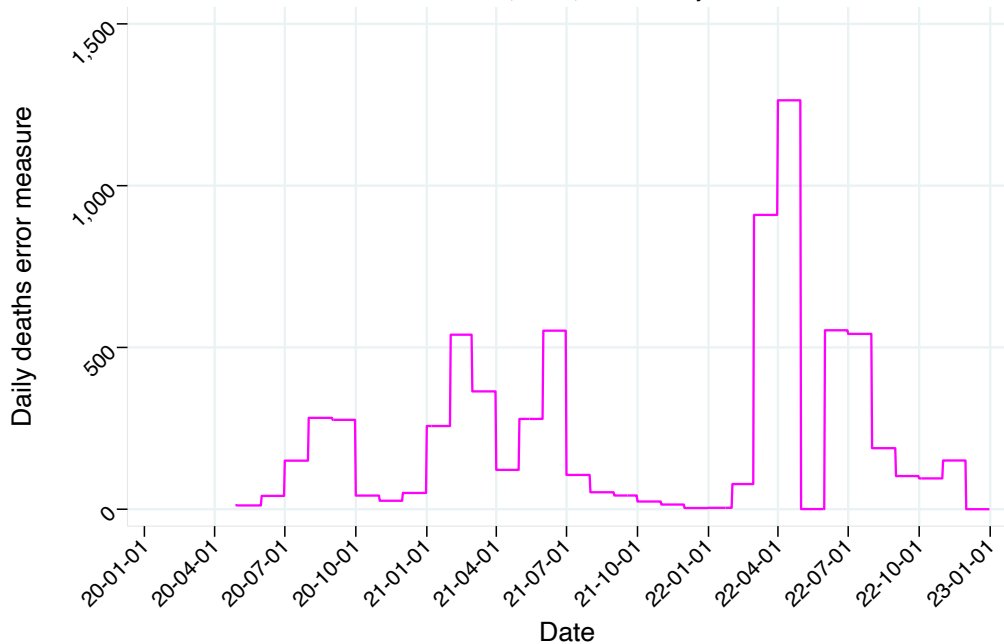
C19 daily deaths, average median absolute error

Pakistan, IHME, forecast only



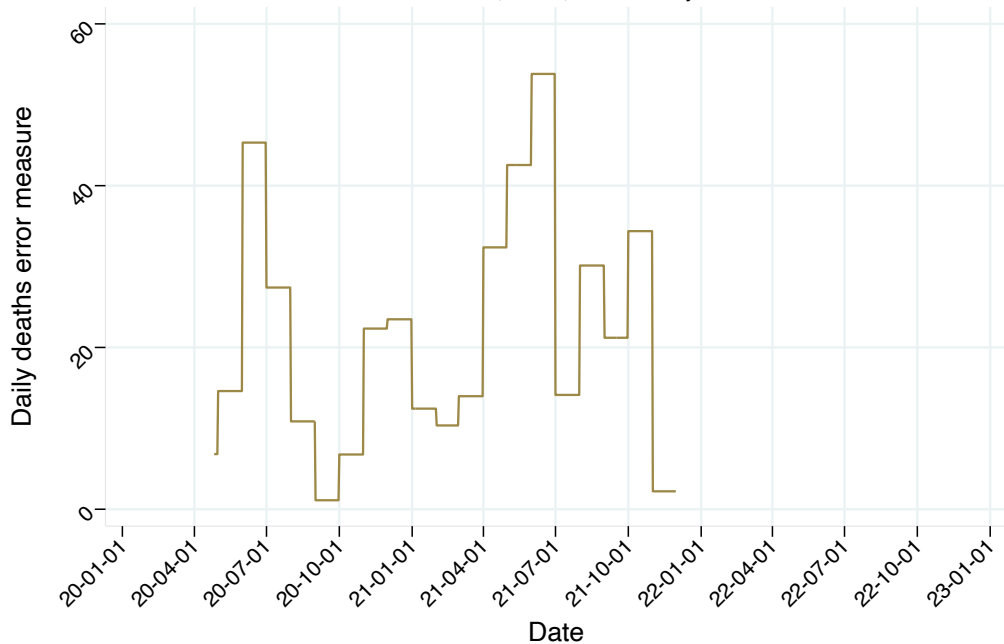
C19 daily deaths, average median absolute error

Pakistan, IMPE, forecast only



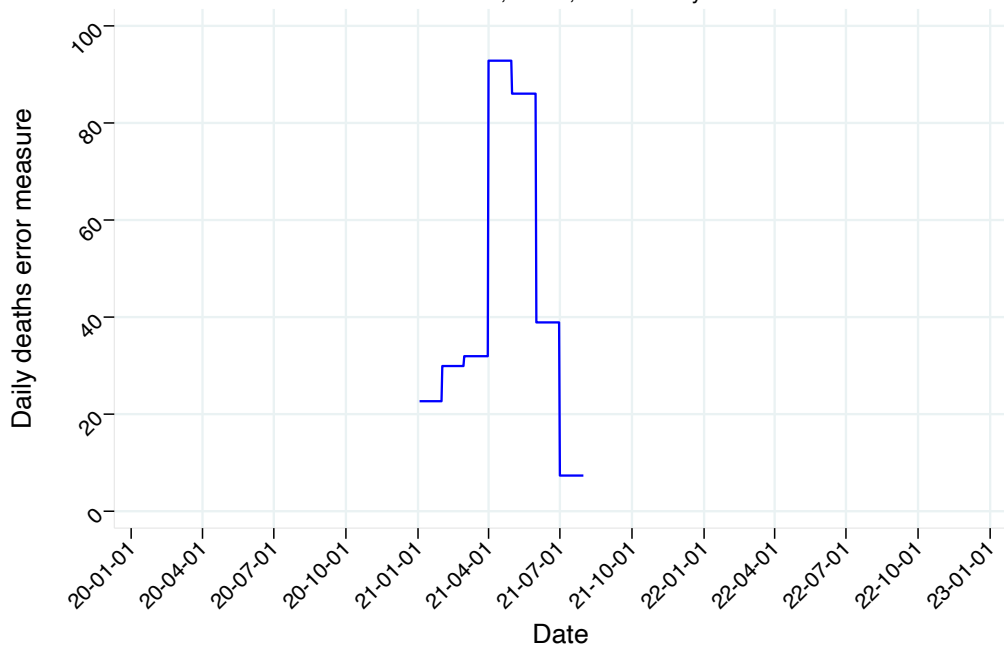
C19 daily deaths, average median absolute error

Pakistan, LANL, forecast only



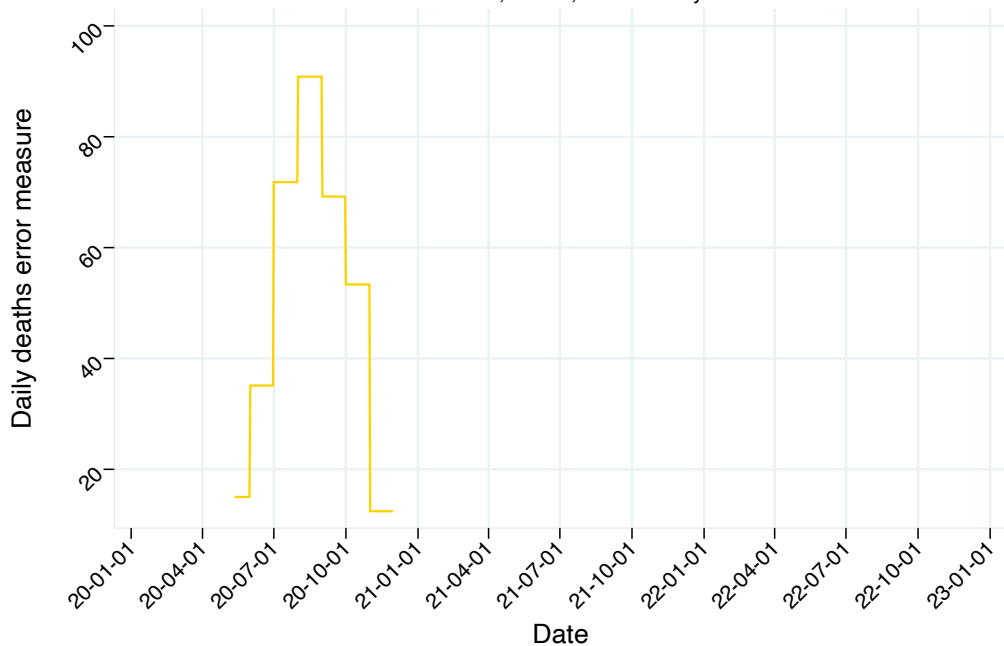
C19 daily deaths, average median absolute error

Pakistan, UCLA, forecast only



C19 daily deaths, average median absolute error

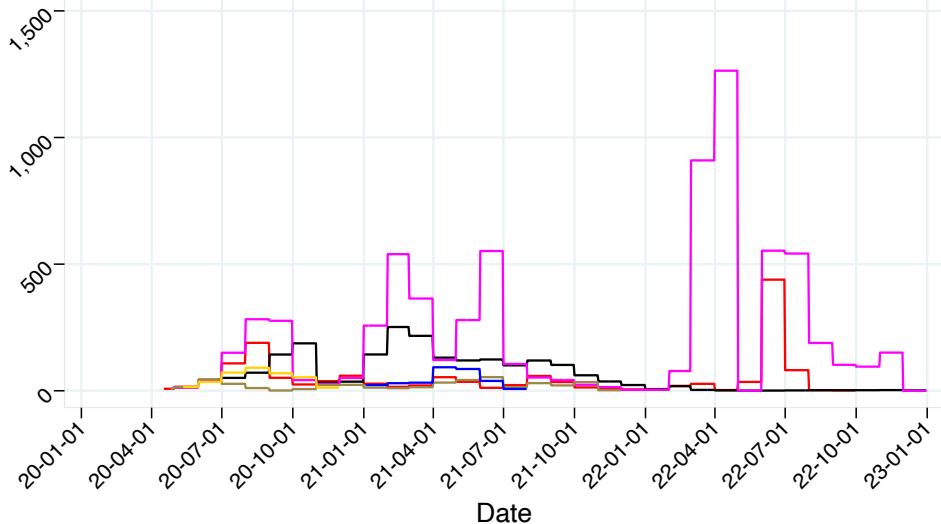
Pakistan, YYGU, forecast only



C19 daily deaths, average median absolute error

Pakistan, all Models, forecast only

Daily deaths error measure

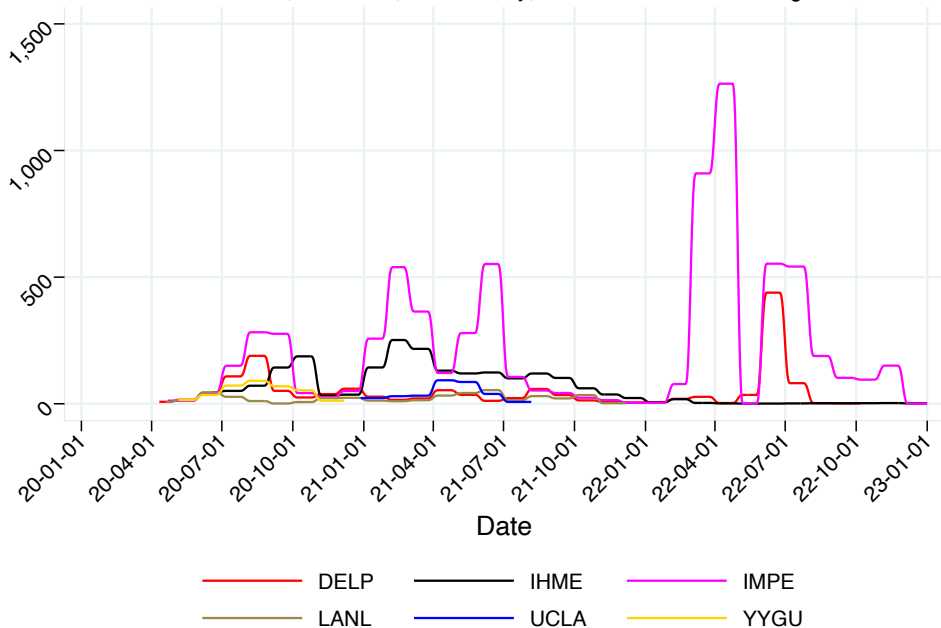


DELP IHME IMPE
LANL UCLA YYGU

C19 daily deaths, average median absolute error

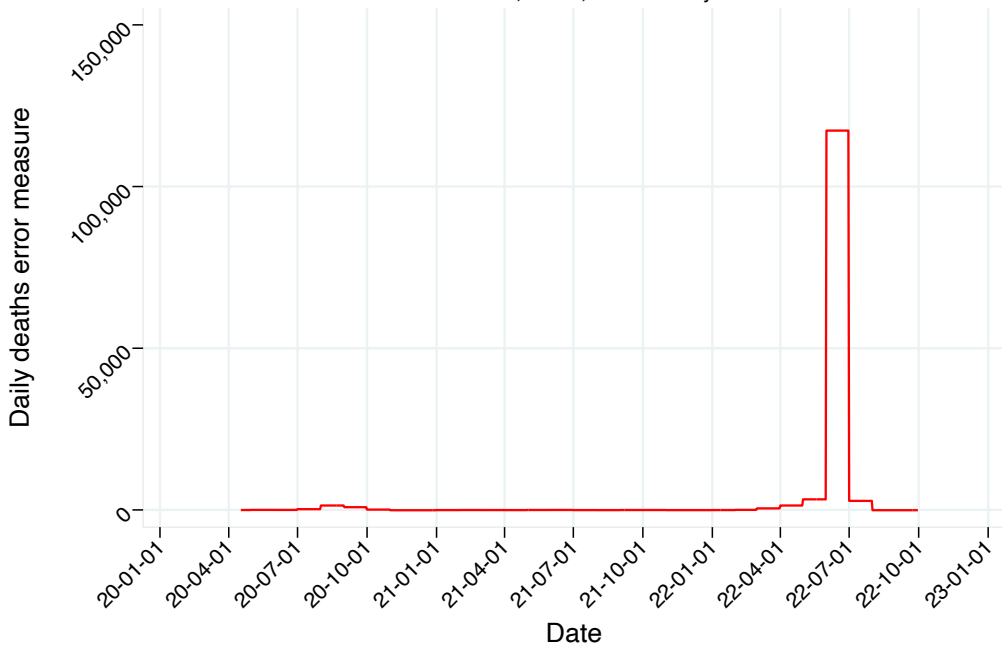
Pakistan, all Models, forecast only; smoothed for better viewing

Daily deaths error measure



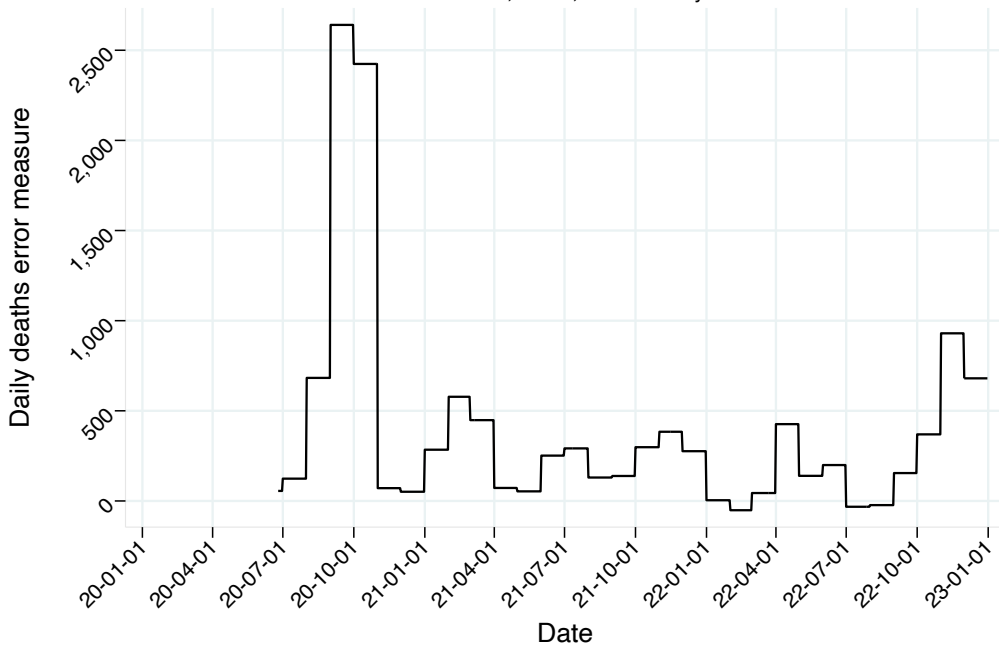
C19 daily deaths, average median percent error

Pakistan, DELP, forecast only



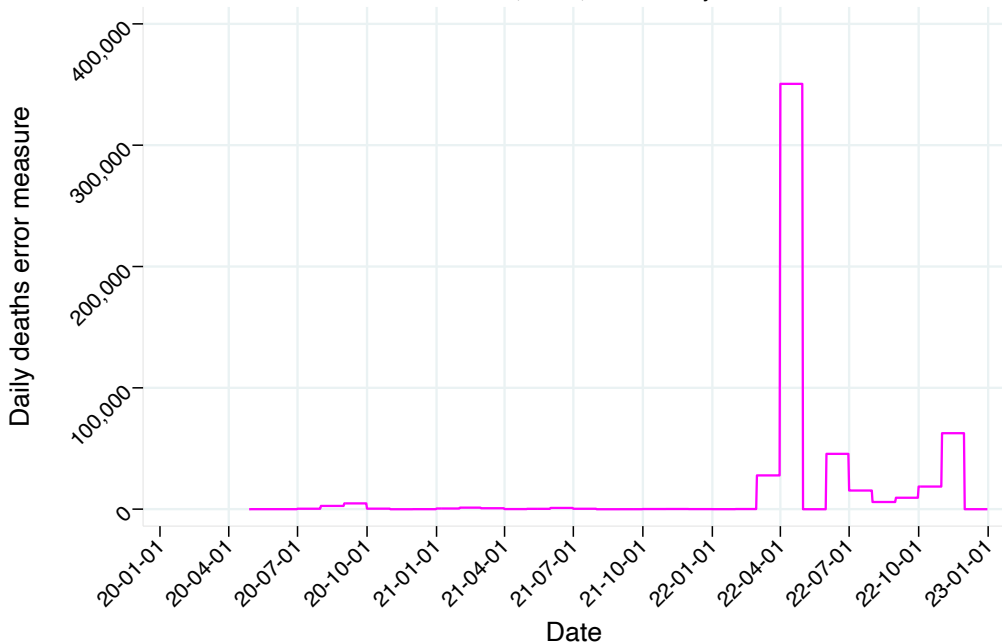
C19 daily deaths, average median percent error

Pakistan, IHME, forecast only



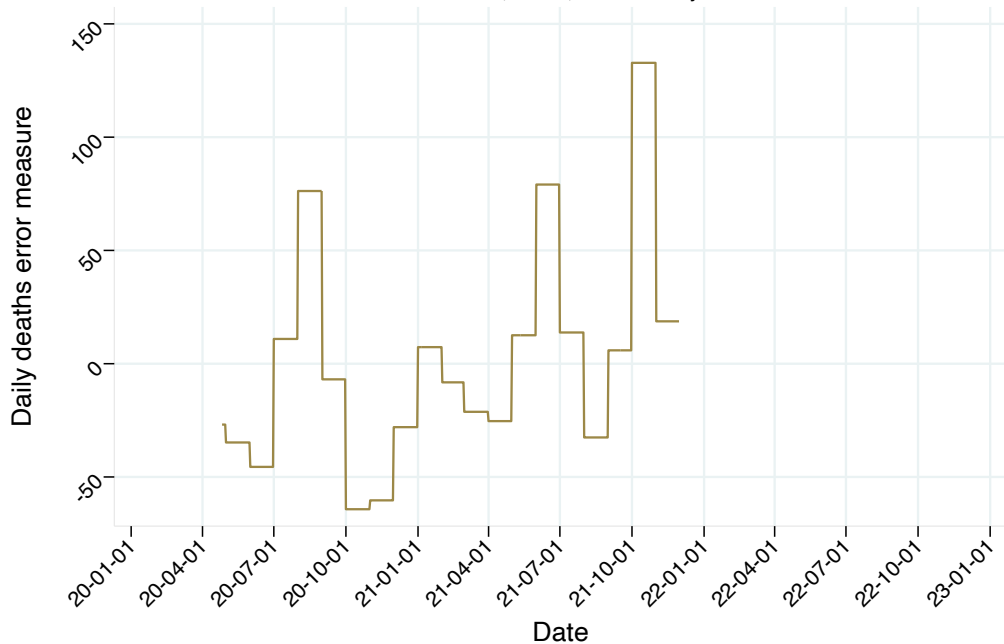
C19 daily deaths, average median percent error

Pakistan, IMPE, forecast only



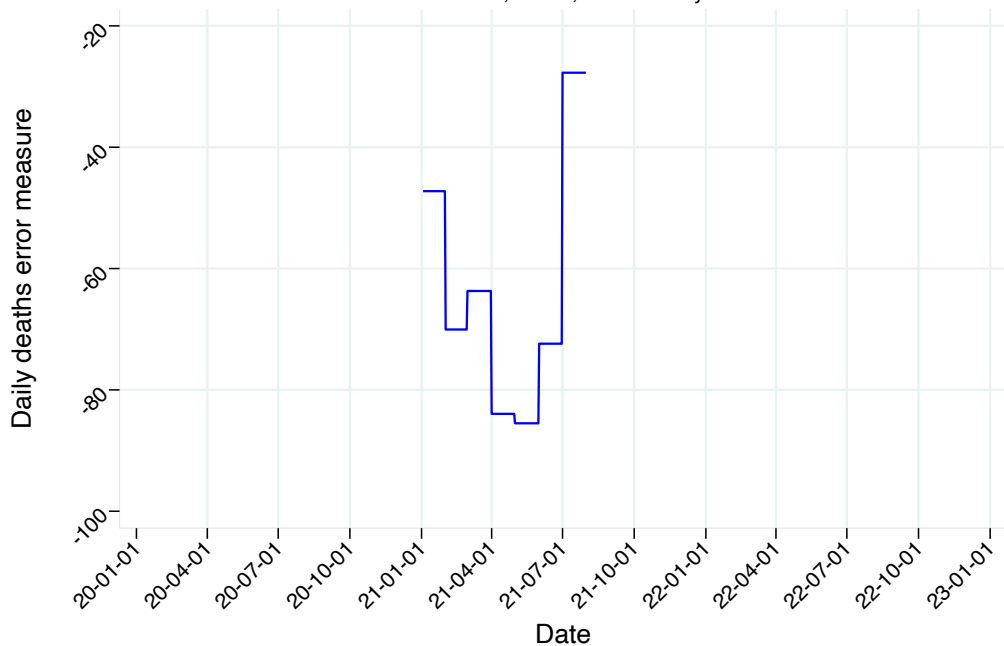
C19 daily deaths, average median percent error

Pakistan, LANL, forecast only



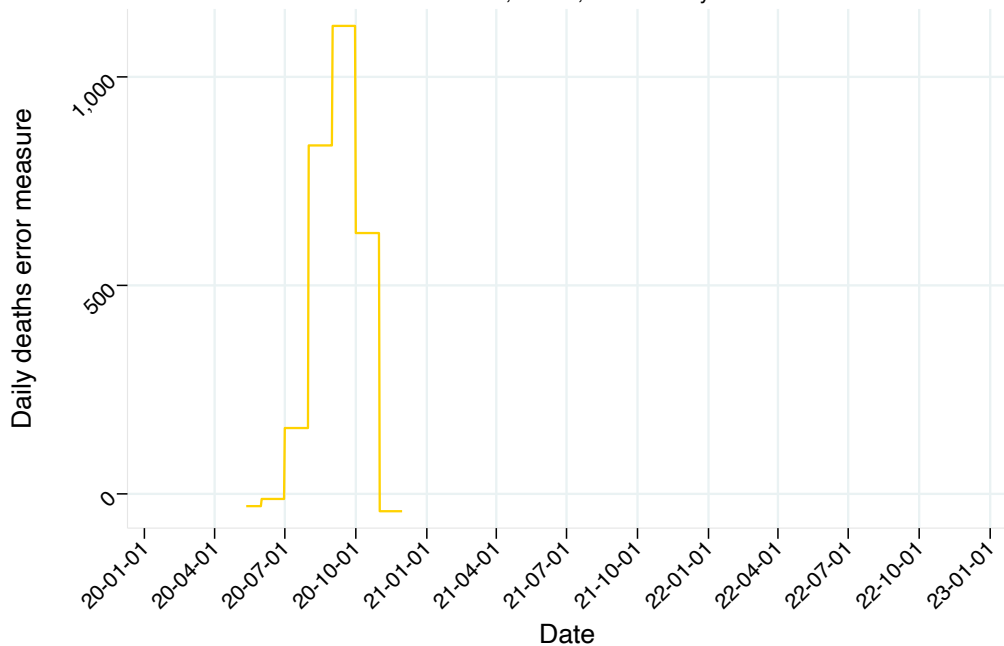
C19 daily deaths, average median percent error

Pakistan, UCLA, forecast only



C19 daily deaths, average median percent error

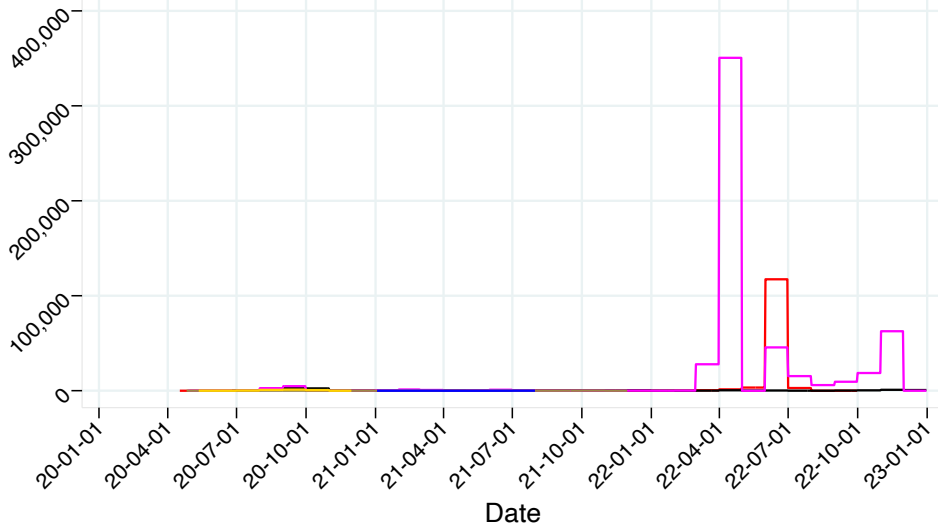
Pakistan, YYGU, forecast only



C19 daily deaths, average median percent error

Pakistan, all Models, forecast only

Daily deaths error measure

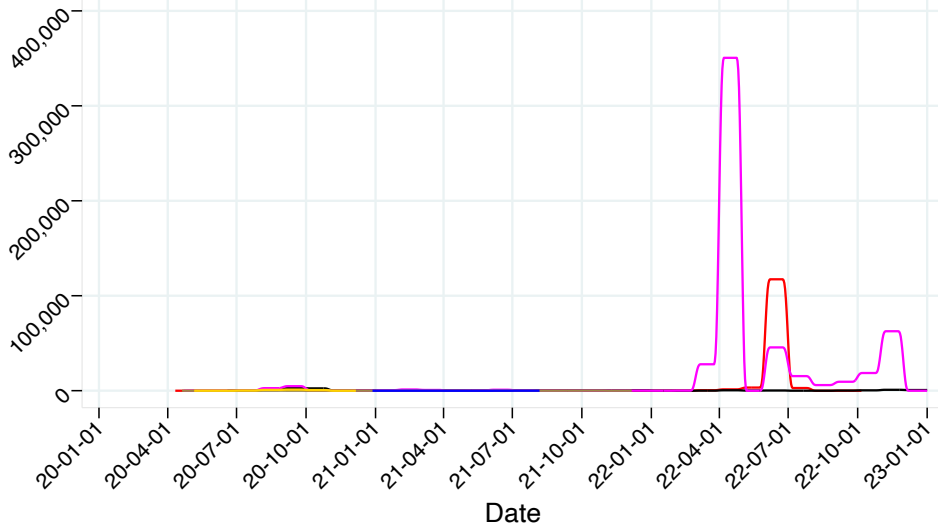


DELPHI IHME IMPE
LANL UCLA YYGU

C19 daily deaths, average median percent error

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

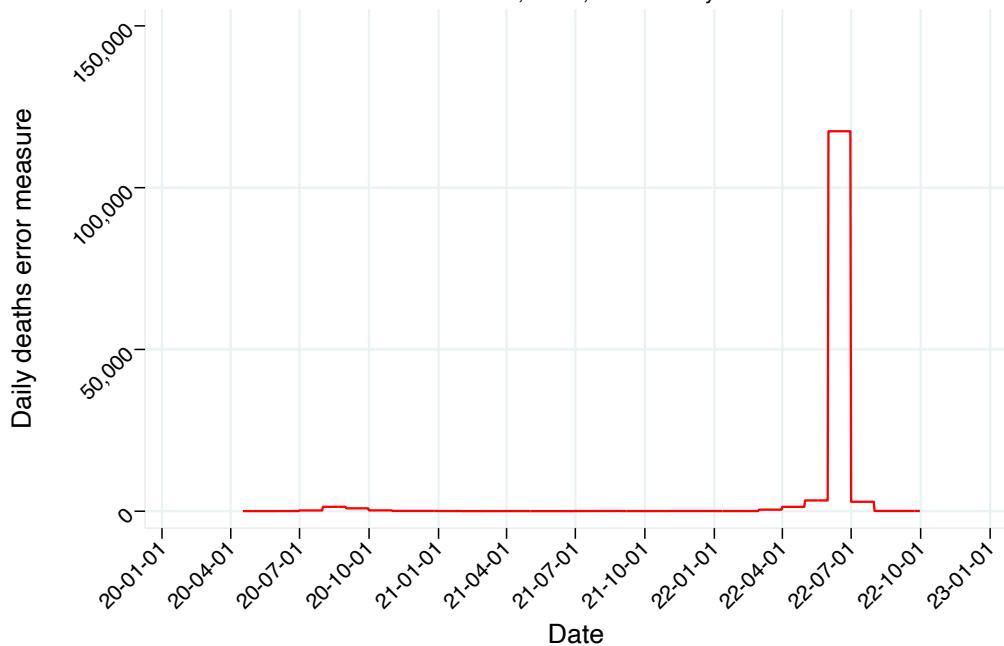
Daily deaths error measure



DELPHI IHME IMPE
LANL UCLA YYGU

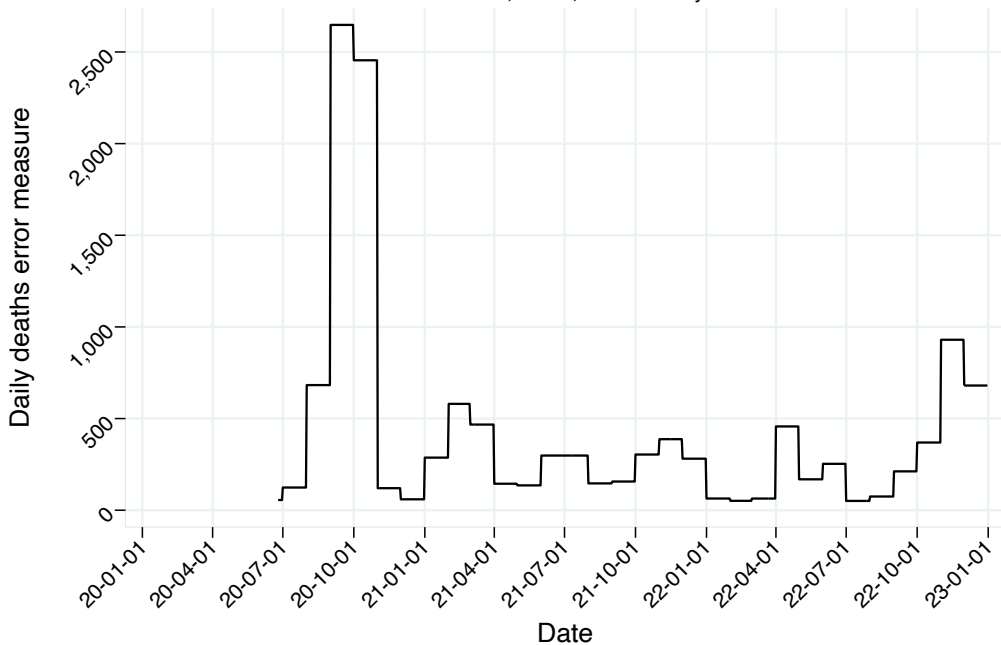
C19 daily deaths, average median absolute percent error

Pakistan, DELP, forecast only



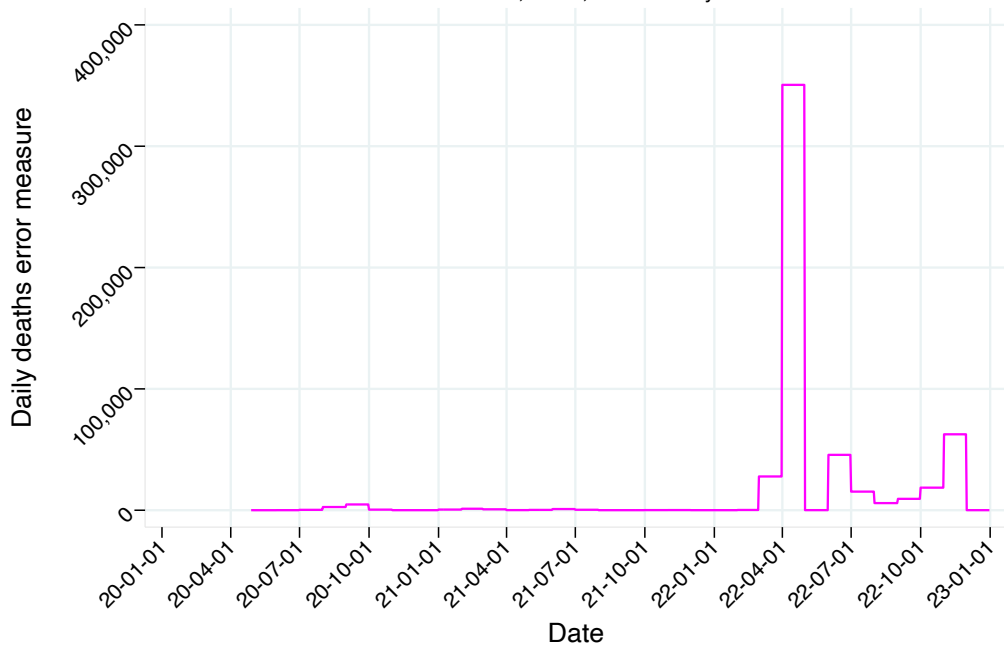
C19 daily deaths, average median absolute percent error

Pakistan, IHME, forecast only



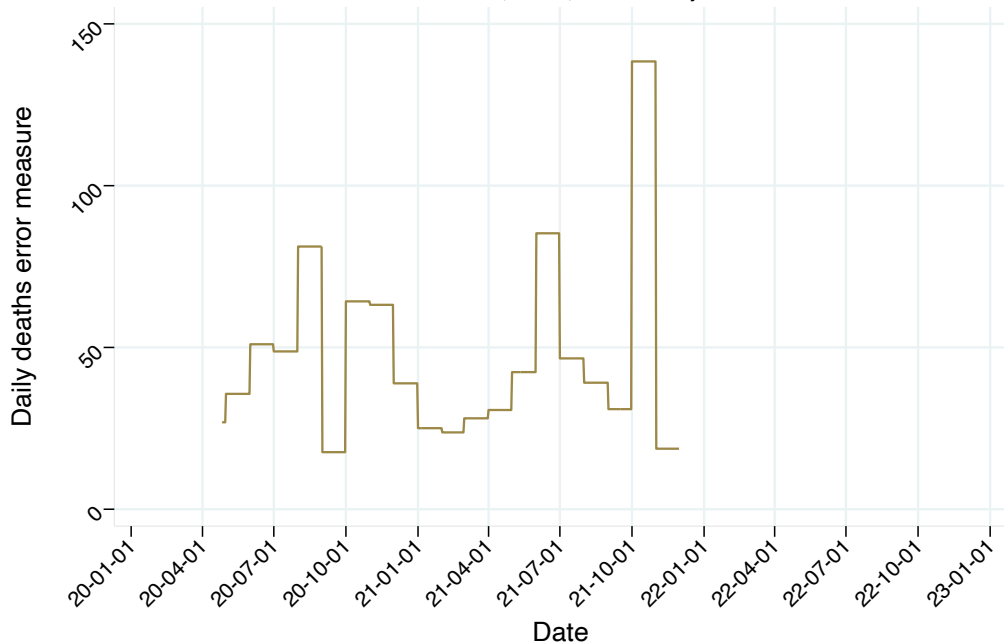
C19 daily deaths, average median absolute percent error

Pakistan, IMPE, forecast only



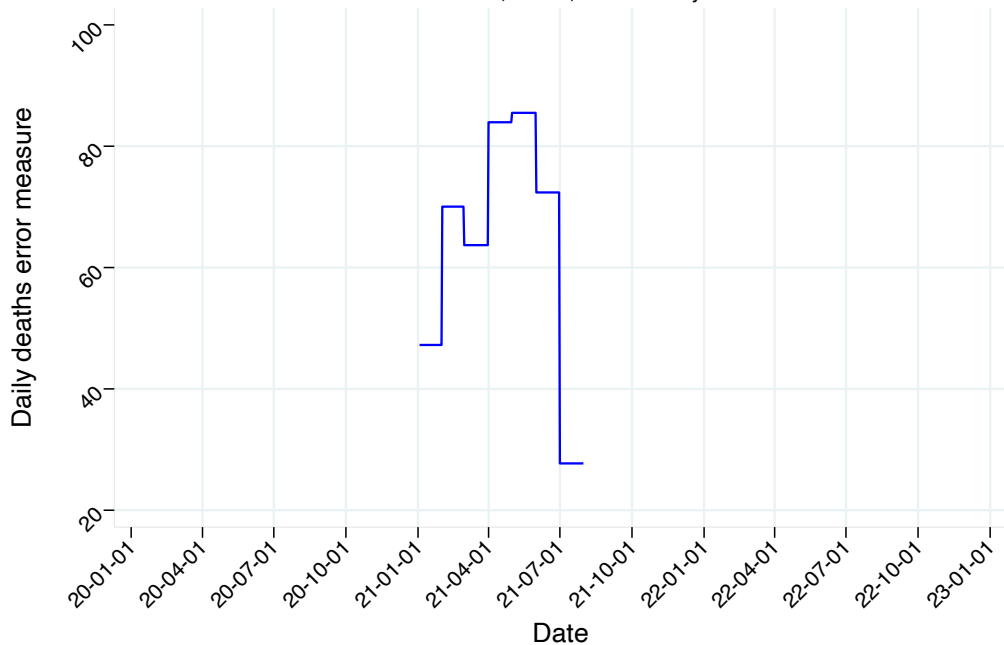
C19 daily deaths, average median absolute percent error

Pakistan, LANL, forecast only



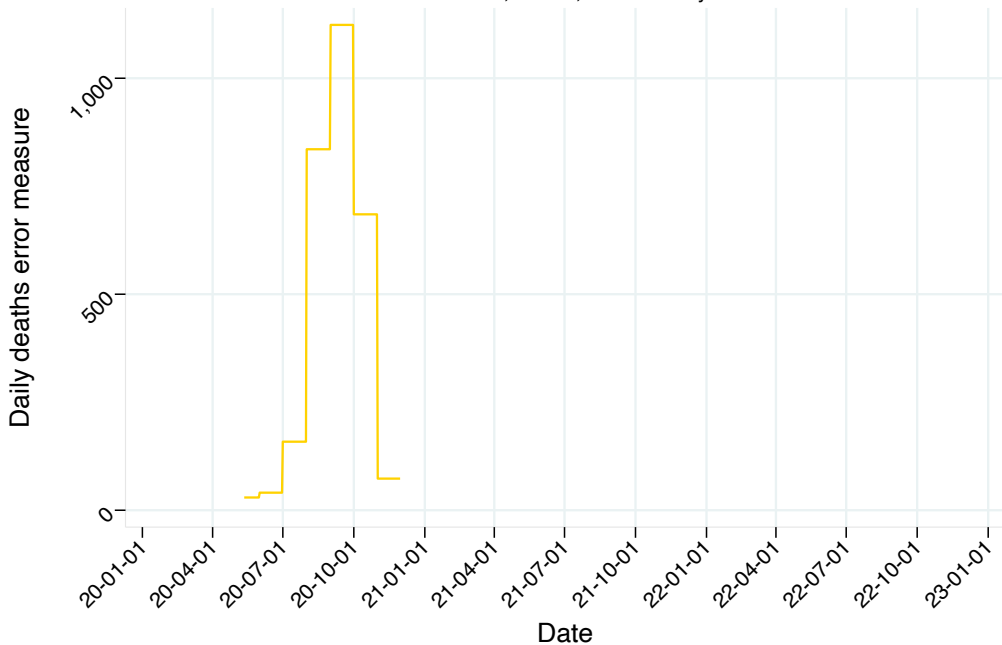
C19 daily deaths, average median absolute percent error

Pakistan, UCLA, forecast only



C19 daily deaths, average median absolute percent error

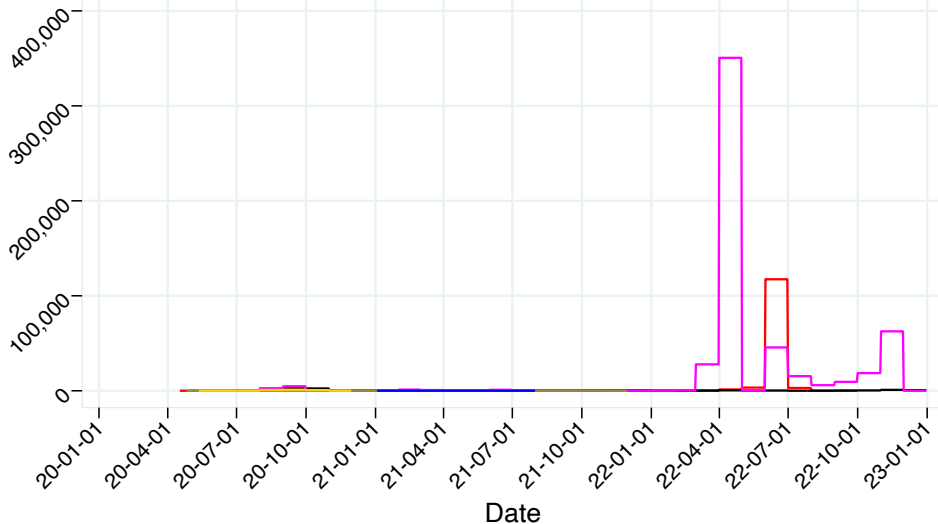
Pakistan, YYGU, forecast only



C19 daily deaths, average median absolute percent error

Pakistan, all Models, forecast only

Daily deaths error measure

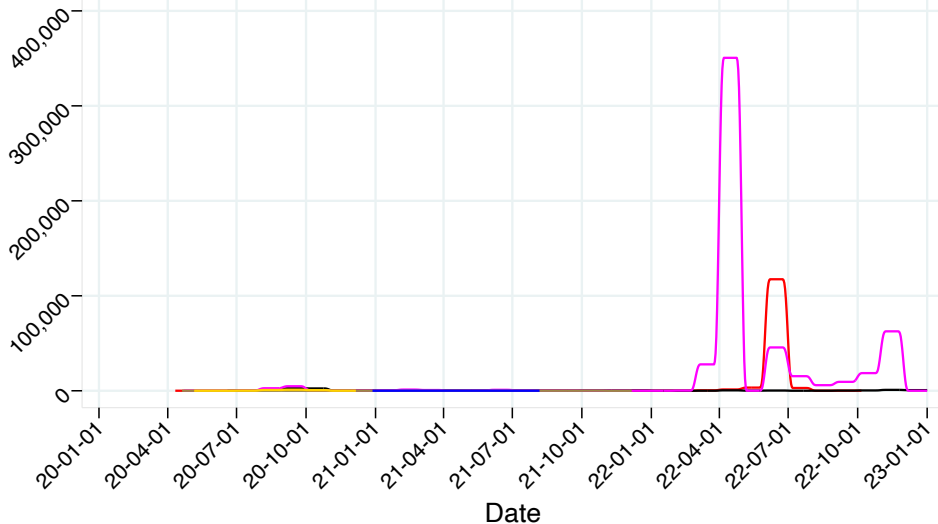


DELPHI IHME IMPE
LANL UCLA YYGU

C19 daily deaths, average median absolute percent error

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

Daily deaths error measure

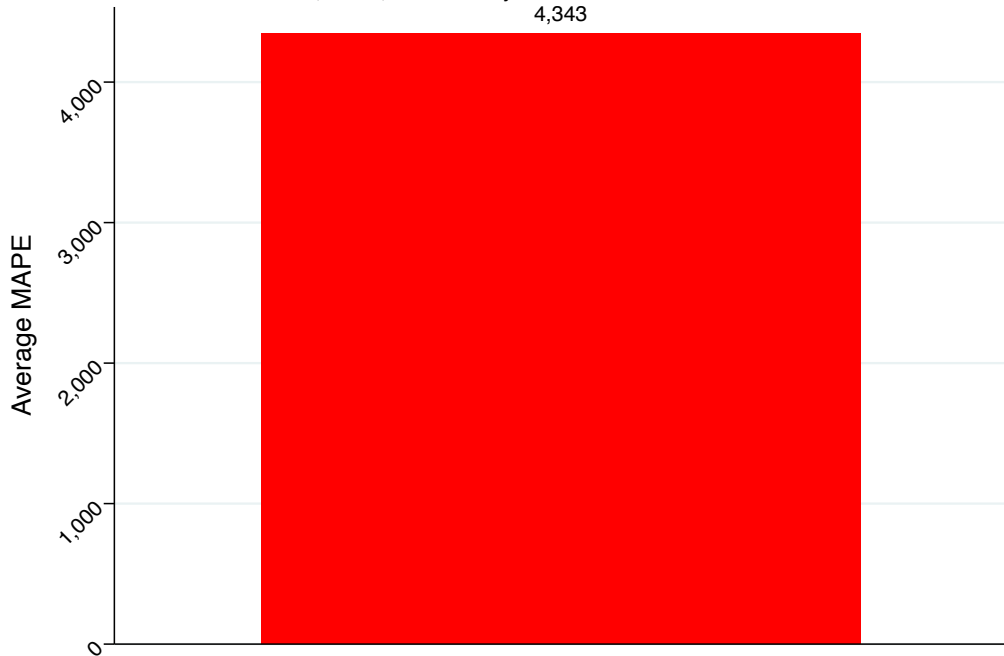


DELPHI IHME IMPE
LANL UCLA YYGU

C19 daily deaths average MAPE over updates and calendar months

Pakistan, DELP, forecast only. MAPE: Median Absolute Percent Error

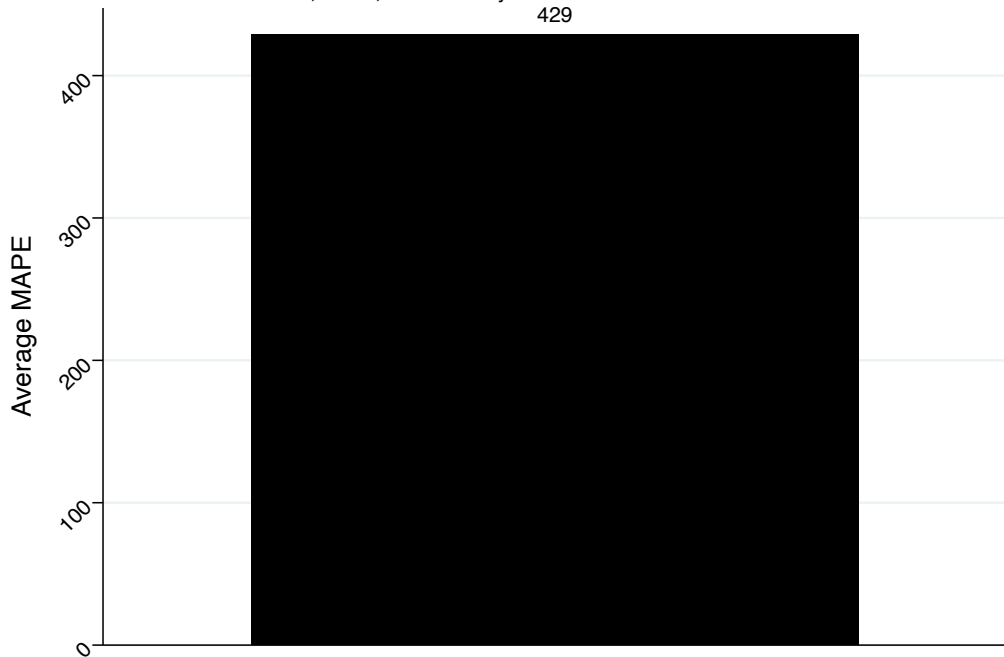
4,343



C19 daily deaths average MAPE over updates and calendar months

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

429



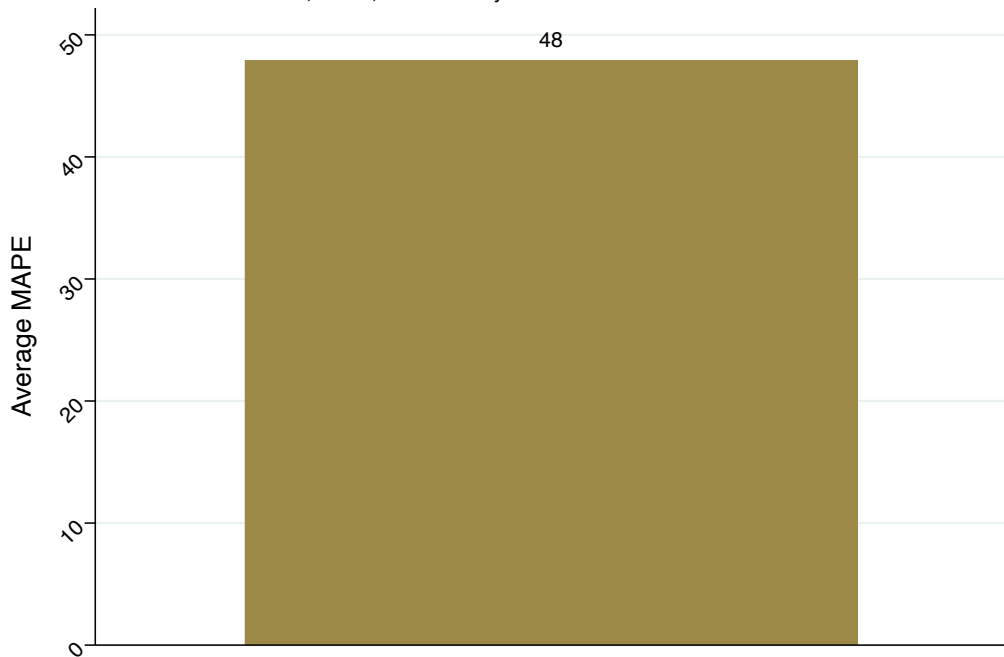
C19 daily deaths average MAPE over updates and calendar months

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



C19 daily deaths average MAPE over updates and calendar months

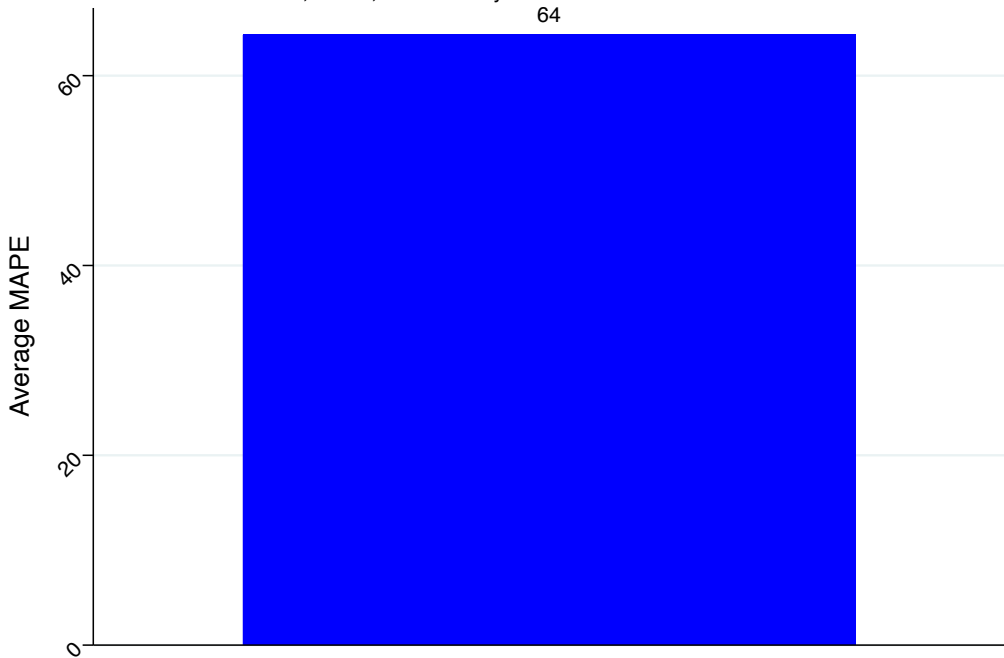
Pakistan, LANL, forecast only. MAPE: Median Absolute Percent Error



C19 daily deaths average MAPE over updates and calendar months

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

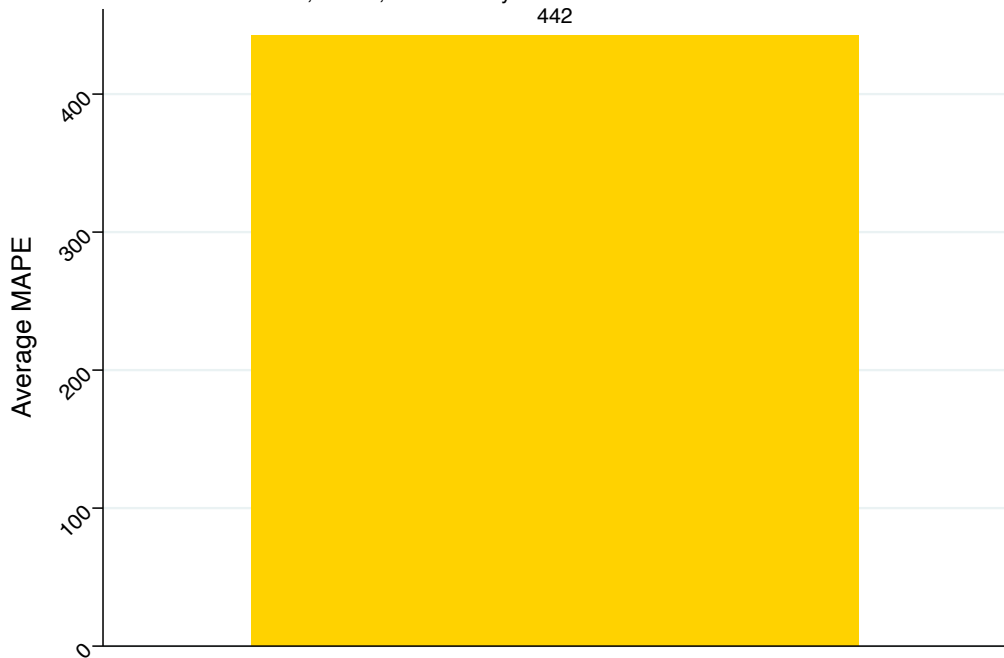
64



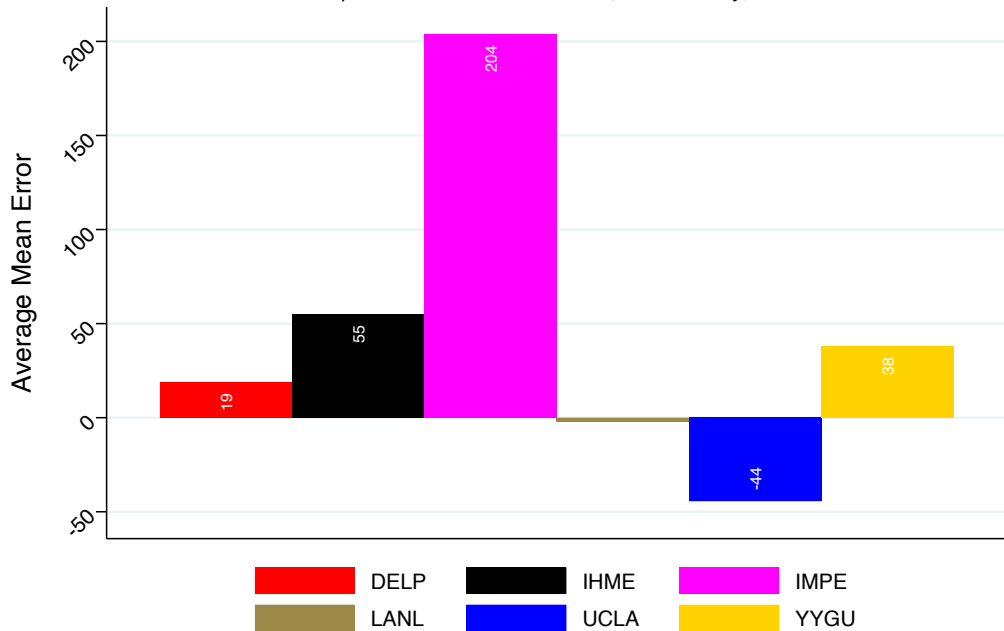
C19 daily deaths average MAPE over updates and calendar months

Pakistan, YYGU, forecast only. MAPE: Median Absolute Percent Error

442

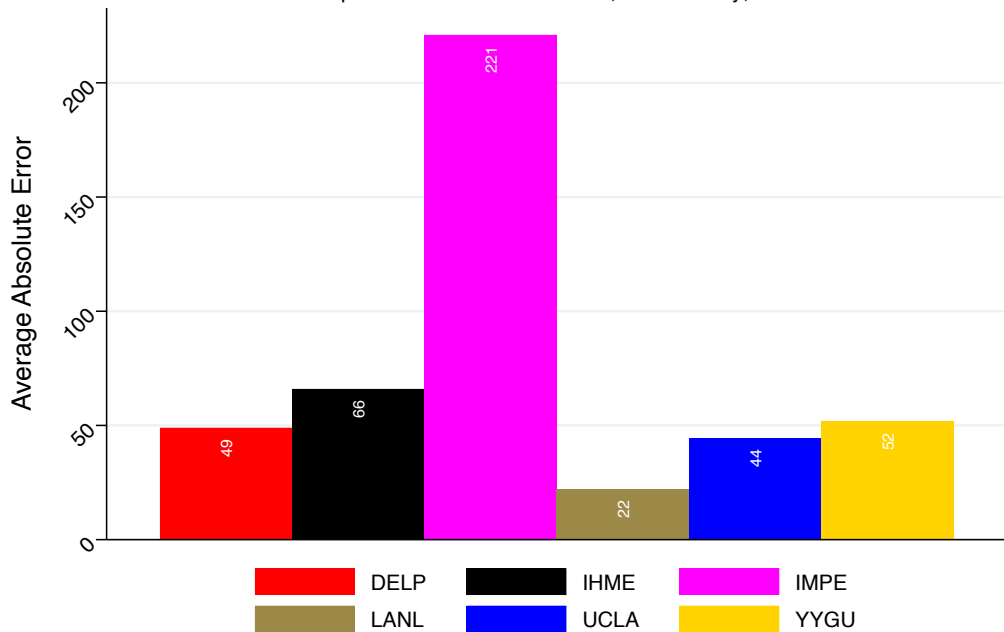


C19 daily deaths average of Mean Error
Over updates and calendar months; forecast only; Pakistan

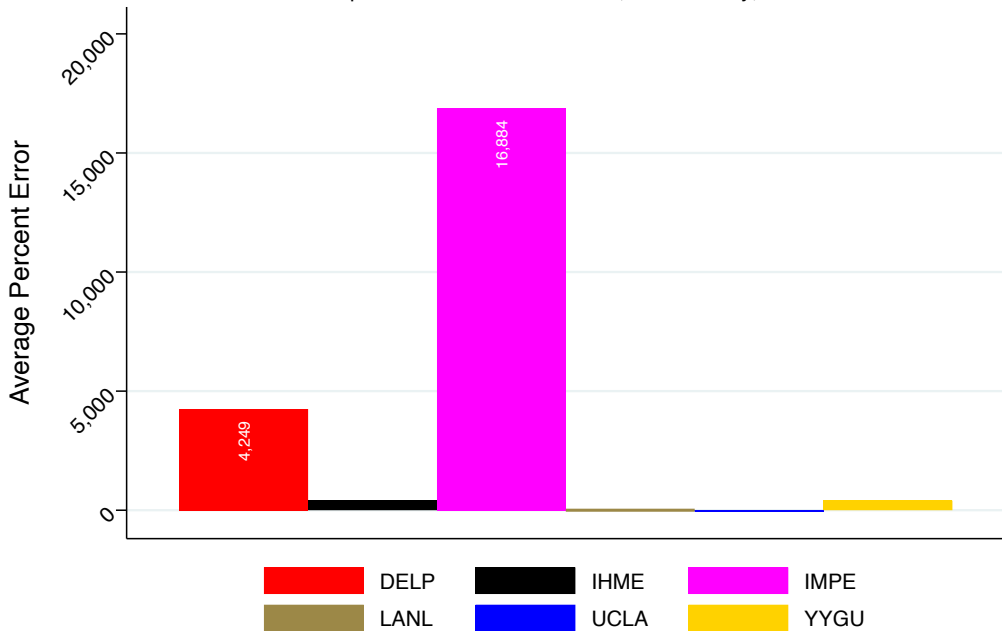


C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Pakistan

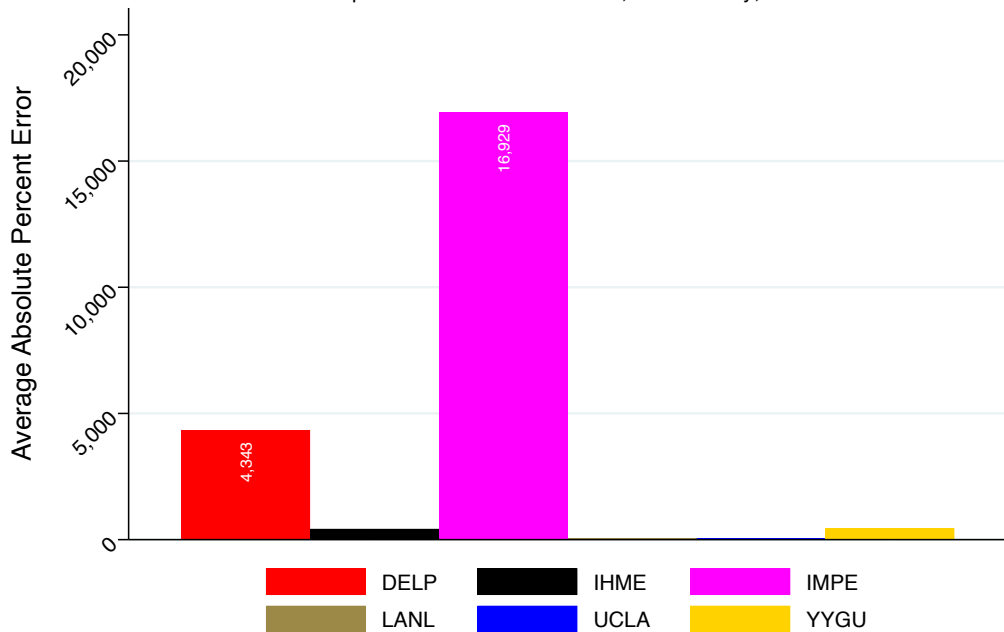


C19 daily deaths average of Percent Error
Over updates and calendar months; forecast only; Pakistan



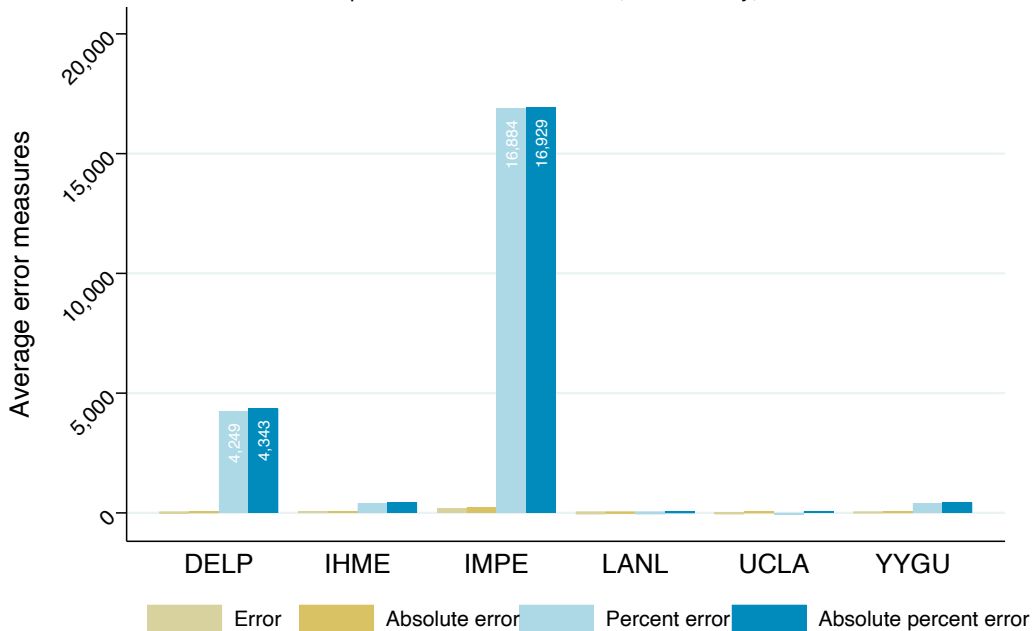
C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Pakistan



C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Pakistan



C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Pakistan

