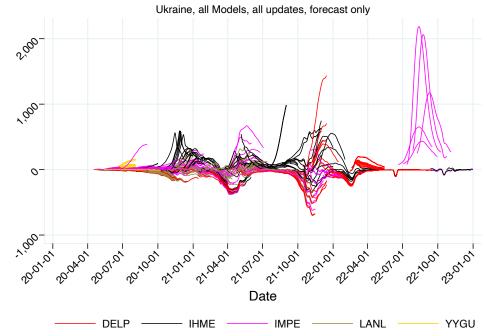




C19 daily deaths error



C19 daily deaths error Ukraine, DELP, all updates, forecast only 1800-Daily deaths error measure 100-^GO 0-500-'rata' rioa' rata' raka' rata' rioa' rata' patal pakal patal propingian makal Date

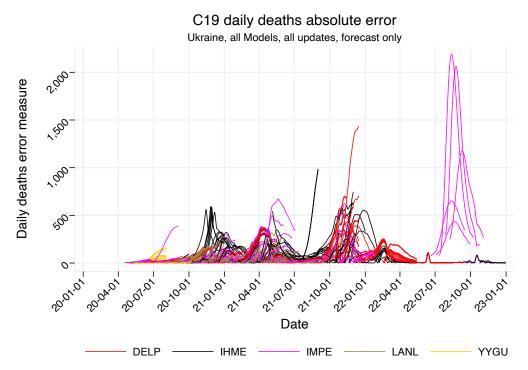
C19 daily deaths error Ukraine, IHME, all updates, forecast only 100-Daily deaths error measure 600-0-

Date

C19 daily deaths error Ukraine, IMPE, all updates, forecast only 500-Daily deaths error measure 1,600_ 100-500-0. 2001.01 Date

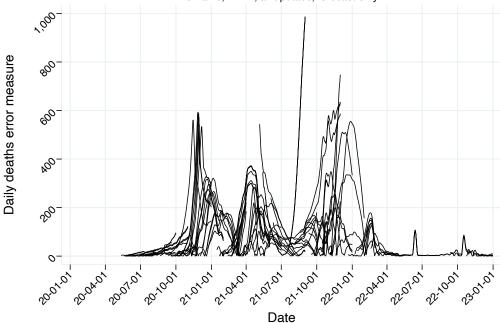
C19 daily deaths error Ukraine, LANL, all updates, forecast only MO-200-Daily deaths error measure 0-300--00A so potat so potat so potat stato, sa potat stato, so potat so pota Date

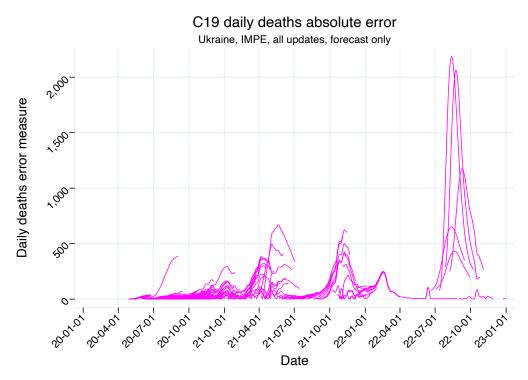
C19 daily deaths error Ukraine, YYGU, all updates, forecast only 200-Daily deaths error measure 00, 0-,00-200 - Date

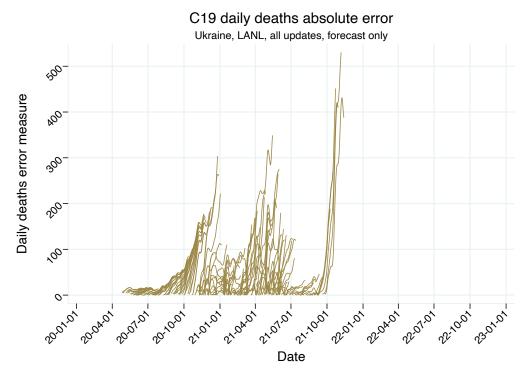


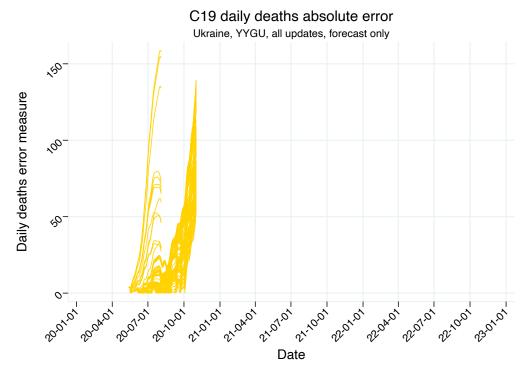
C19 daily deaths absolute error

Ukraine, IHME, all updates, forecast only

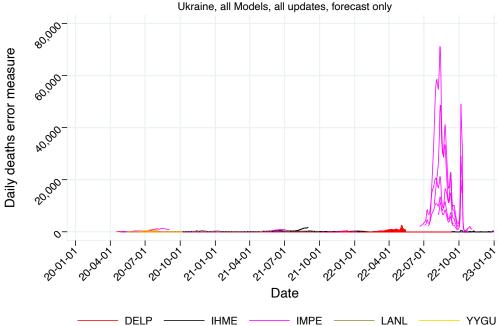








C19 daily deaths percent error

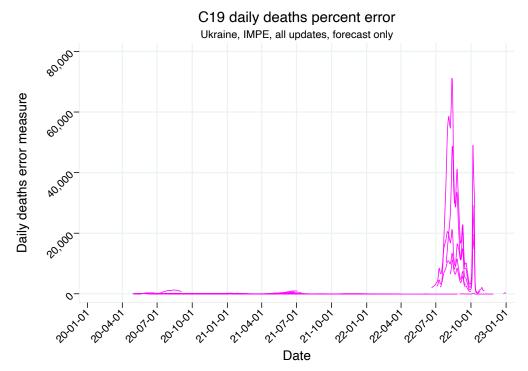


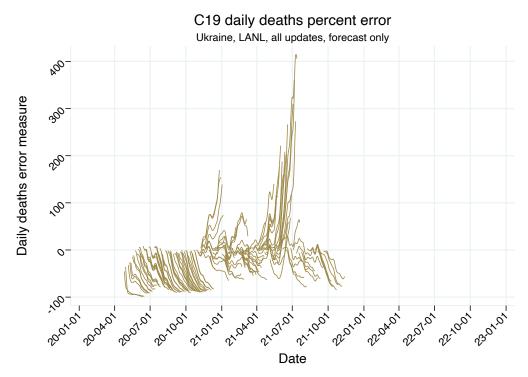
C19 daily deaths percent error Ukraine, DELP, all updates, forecast only 5,500-Daily deaths error measure 1,600_ фо-0point pour point prot tare tare train train stare son son son son son Date

Ukraine, IHME, all updates, forecast only 5000-Daily deaths error measure 1,600-100ф0°-0point pour point prot varo varo varo varo point para varo

Date

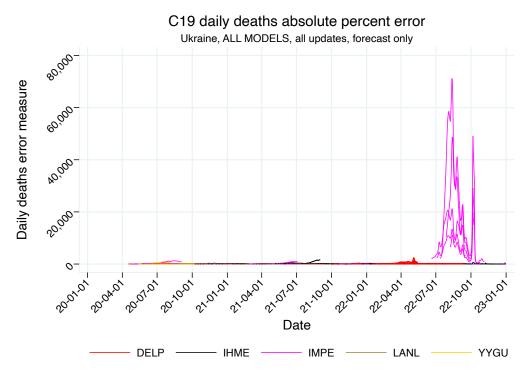
C19 daily deaths percent error





Date

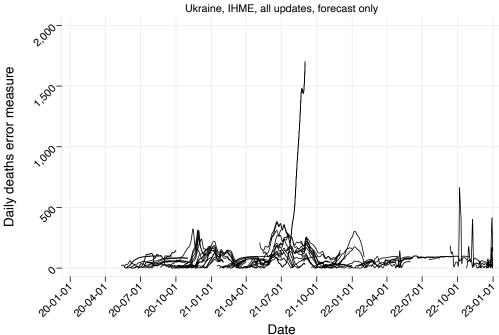
C19 daily deaths percent error



C19 daily deaths absolute percent error Ukraine, DELP, all updates, forecast only 5,500-Daily deaths error measure 100ф0-0point pour point prot tare tare train train stare son son son son son

Date

C19 daily deaths absolute percent error

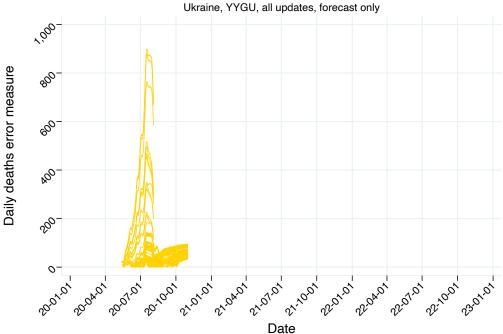


C19 daily deaths absolute percent error Ukraine, IMPE, all updates, forecast only Daily deaths error measure 60,00pain pakai pain praai rakai rakai rain rakai pakai pakai pakai

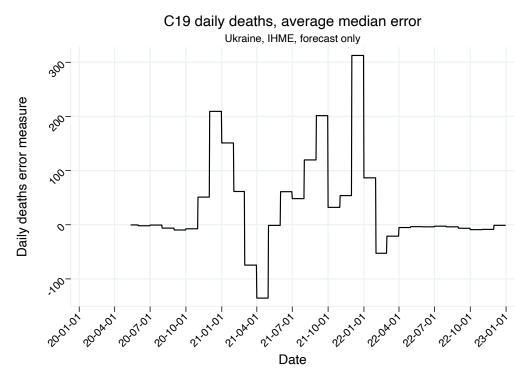
Date

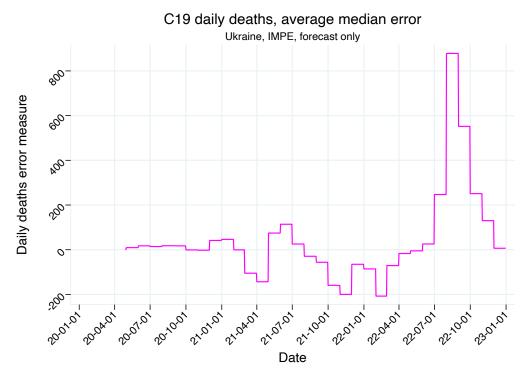
C19 daily deaths absolute percent error Ukraine, LANL, all updates, forecast only 100 Daily deaths error measure 00, paia paka pala prica raia raka raia rica paka paka pala prica pala Date

C19 daily deaths absolute percent error

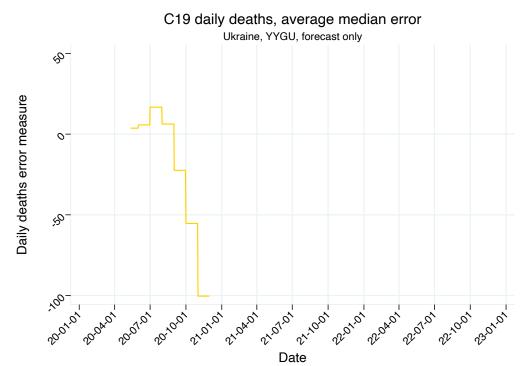


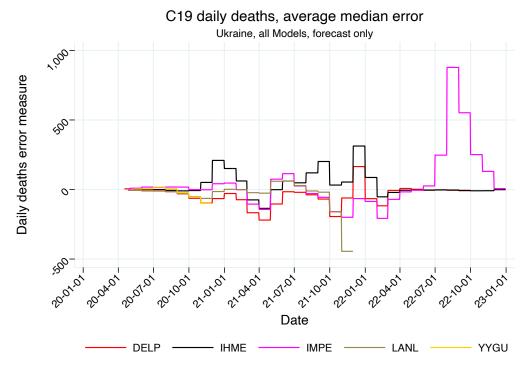
C19 daily deaths, average median error Ukraine, DELP, forecast only 200-Daily deaths error measure ,00-0-,00° 200 - 2010 2010 2010 21010 21010 21010 2101 2101 2101 22010 22010 22010 22010 22010 Date

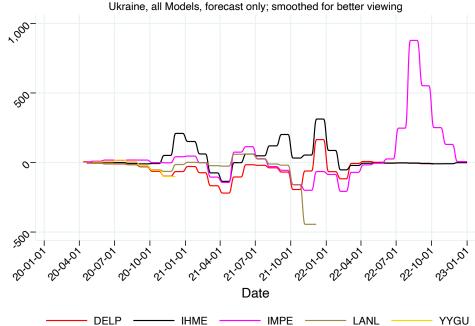




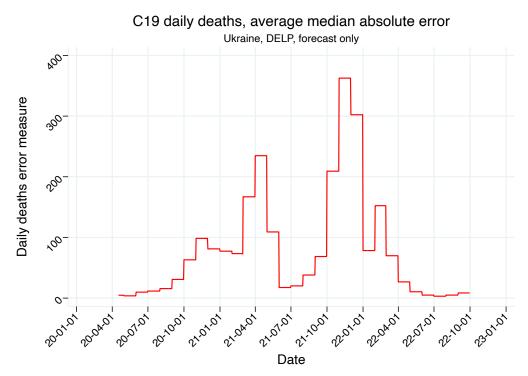
C19 daily deaths, average median error Ukraine, LANL, forecast only 100-Daily deaths error measure 0-,00° 300-300--00A, potot pokot potot prod prod prod prod protot prod potot potot prod potot Date

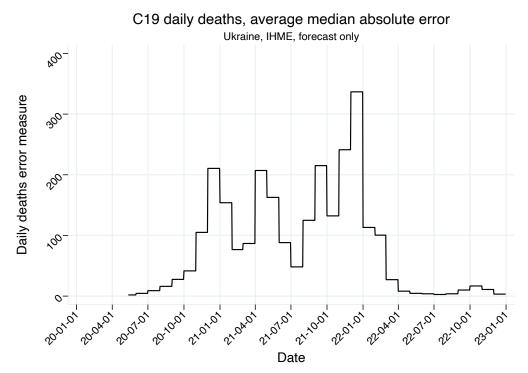


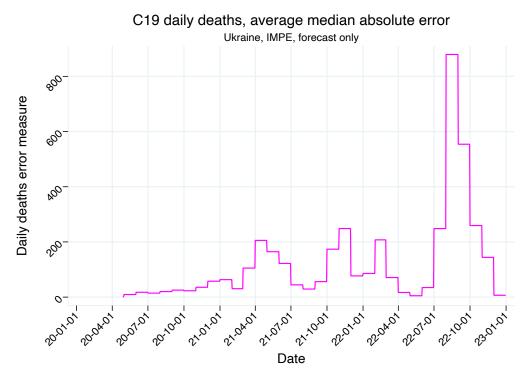


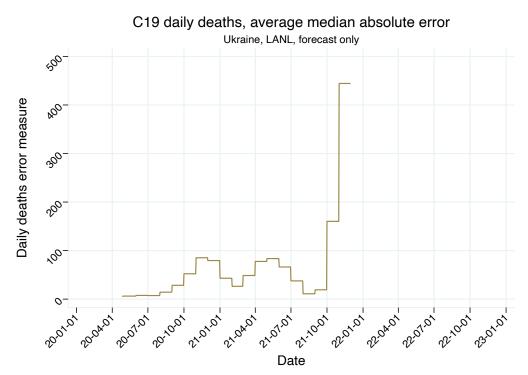


Daily deaths error measure

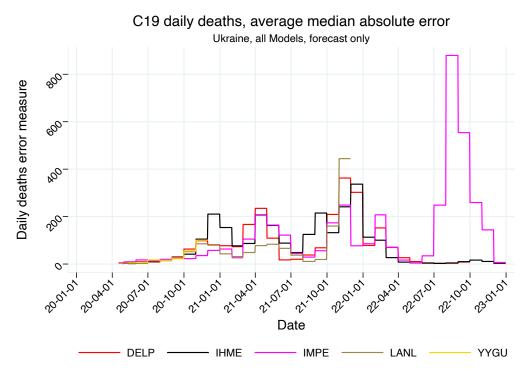


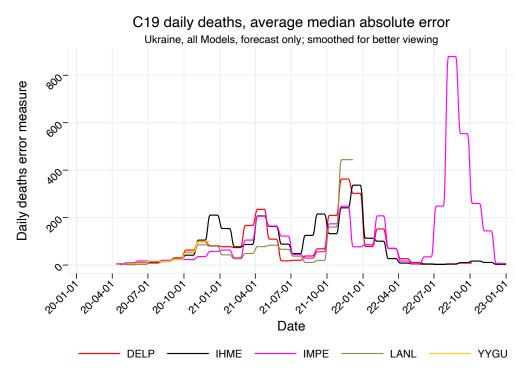


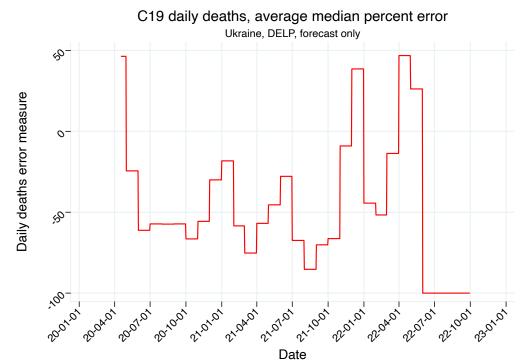


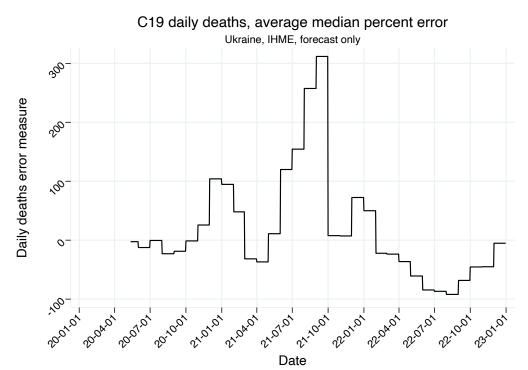


C19 daily deaths, average median absolute error Ukraine, YYGU, forecast only ,00⁻ Daily deaths error measure дo-60 0, 20patal pakal palal praal ratal ratal riaal riaal ratal ratal ratal Date

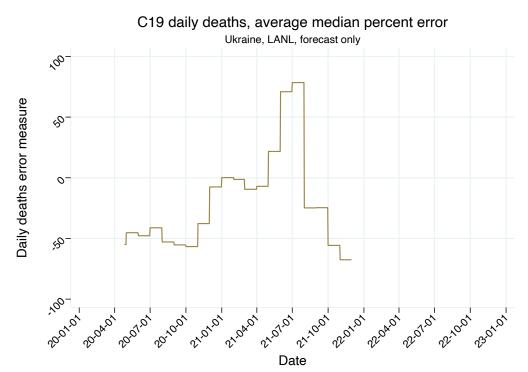




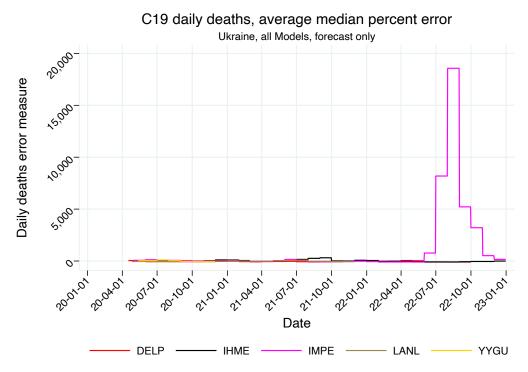


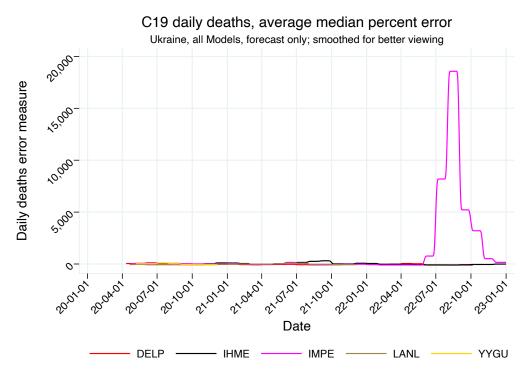


C19 daily deaths, average median percent error Ukraine, IMPE, forecast only Daily deaths error measure para paka para pran rata raka raia ripar pata paka pala prana Date



C19 daily deaths, average median percent error Ukraine, YYGU, forecast only ,oo, Daily deaths error measure 30-0-SO. potot pokot potot proof proof potot profes proof potot potot proof potot





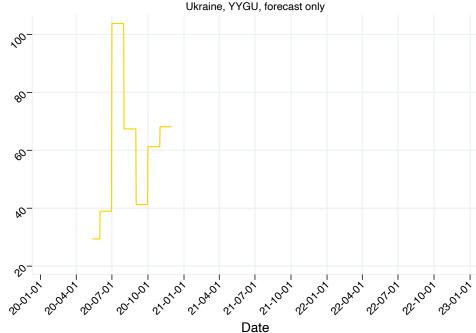
C19 daily deaths, average median absolute percent error Ukraine, DELP, forecast only 200-Daily deaths error measure 160-**100**фpatal pakal palal praal ratal ratal riaal riaal ratal ratal ratal

C19 daily deaths, average median absolute percent error Ukraine, IHME, forecast only ¹00-Daily deaths error measure 300-200-*~00*-0-

C19 daily deaths, average median absolute percent error Ukraine, IMPE, forecast only Daily deaths error measure pain para pain prai trata tara trata Date

C19 daily deaths, average median absolute percent error Ukraine, LANL, forecast only 20-,00⁻ Daily deaths error measure 90-60 0

C19 daily deaths, average median absolute percent error



Daily deaths error measure

C19 daily deaths, average median absolute percent error Ukraine, all Models, forecast only 50000-Daily deaths error measure Date

IHME

IMPE

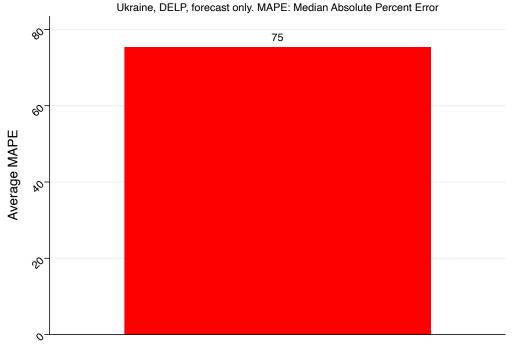
LANL

YYGU

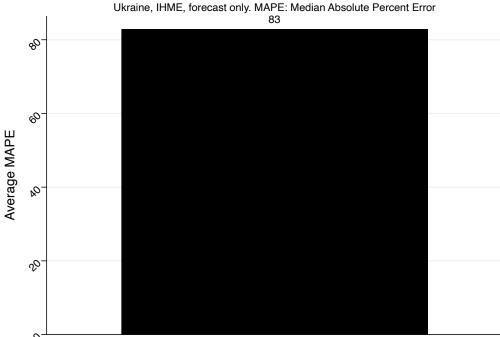
DELP

C19 daily deaths, average median absolute percent error Ukraine, all Models, forecast only; smoothed for better viewing 50000-Daily deaths error measure Date **DELP** IHME **IMPE** LANL **YYGU**

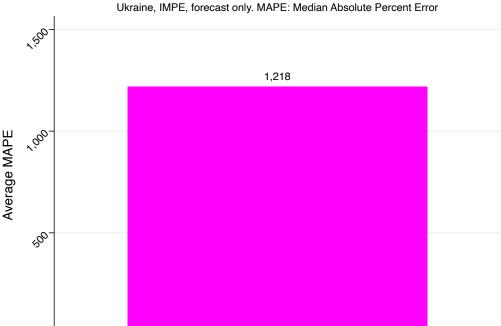
C19 daily deaths average MAPE over updates and calendar months



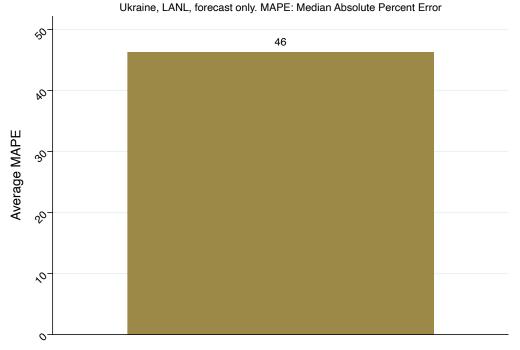
C19 daily deaths average MAPE over updates and calendar months



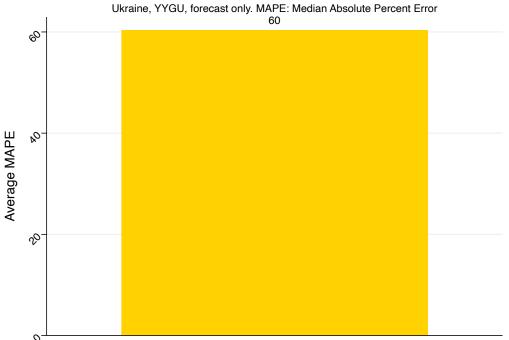
C19 daily deaths average MAPE over updates and calendar months



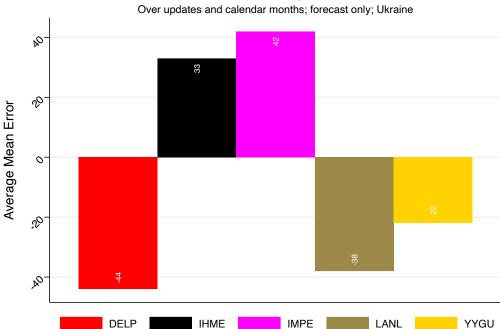
C19 daily deaths average MAPE over updates and calendar months



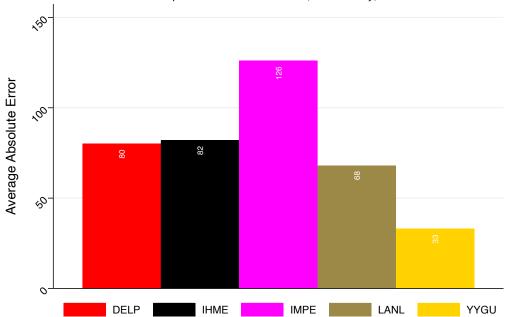
C19 daily deaths average MAPE over updates and calendar months

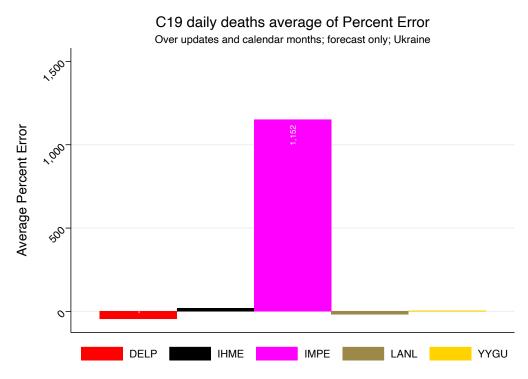


C19 daily deaths average of Mean Error

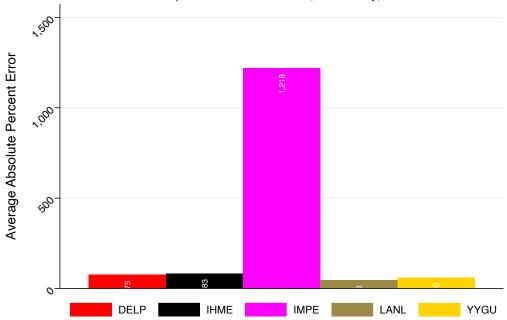


C19 daily deaths average of Absolute Error

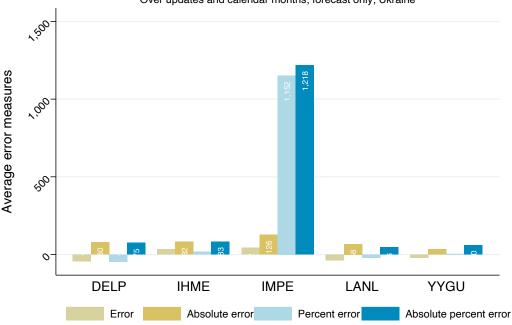




C19 daily deaths average of Absolute Percent Error



C19 daily deaths, models across average error measures



C19 daily deaths, average of error measures across models

