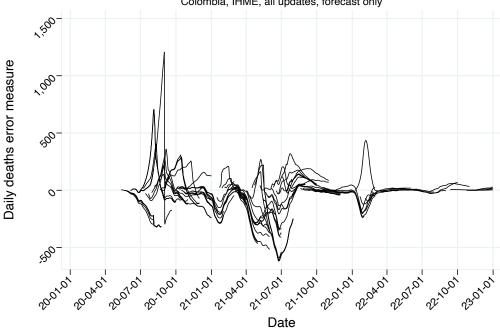


C19 daily deaths error Colombia, all Models, all updates, forecast only 1,500-Daily deaths error measure 100-600-0-500potal podal potal production de la produ Date **DELP** IHME **IMPE** LANL **UCLA** YYGU

C19 daily deaths error Colombia, DELP, all updates, forecast only 1/200-Daily deaths error measure 100-KOD-0-500agran paran pran pran prata

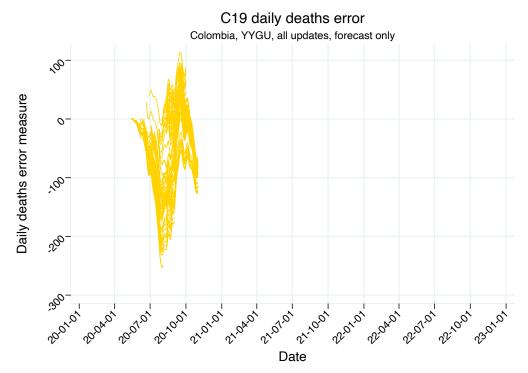
C19 daily deaths error Colombia, IHME, all updates, forecast only

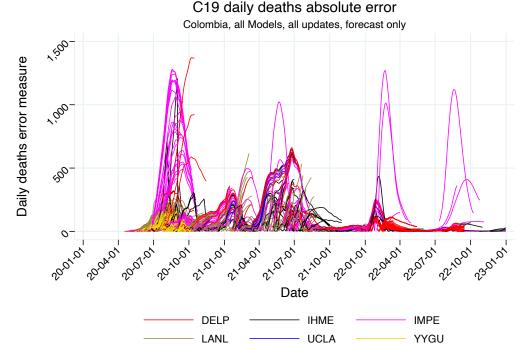


C19 daily deaths error Colombia, IMPE, all updates, forecast only 1/200-Daily deaths error measure 100-SO. 0-Date

C19 daily deaths error Colombia, LANL, all updates, forecast only 600-Daily deaths error measure 100. 200-0-300pot of power pot of proof part of proof profes proof pot of proof pot of Date

C19 daily deaths error Colombia, UCLA, all updates, forecast only 0-Daily deaths error measure 200-,400-,g02potal pokal potal priori prota pokal prata priori potal potal potal potal prota Date



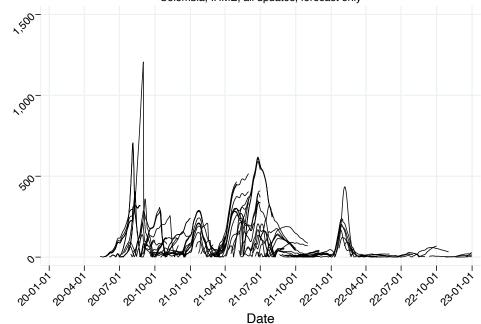


Date

C19 daily deaths absolute error

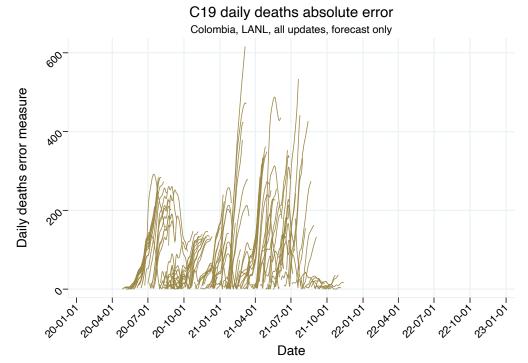
C19 daily deaths absolute error

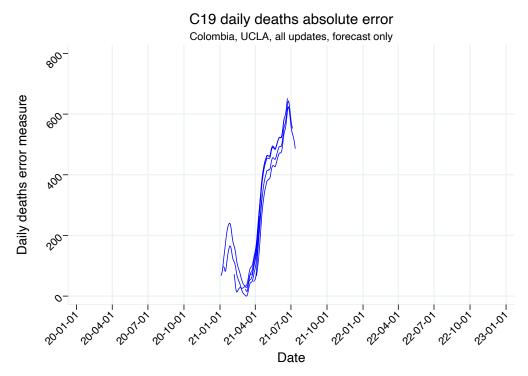
Colombia, IHME, all updates, forecast only

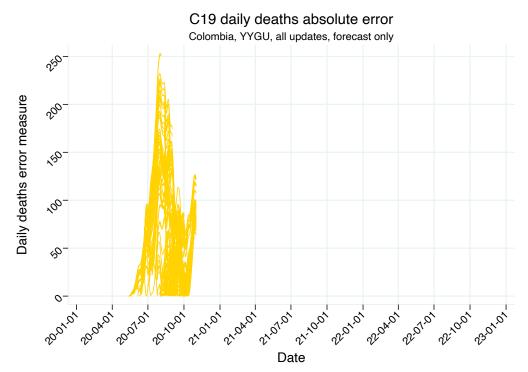


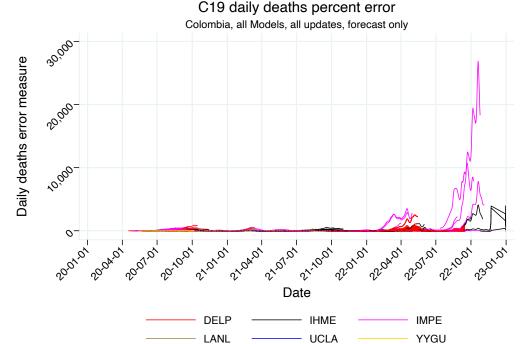
Date

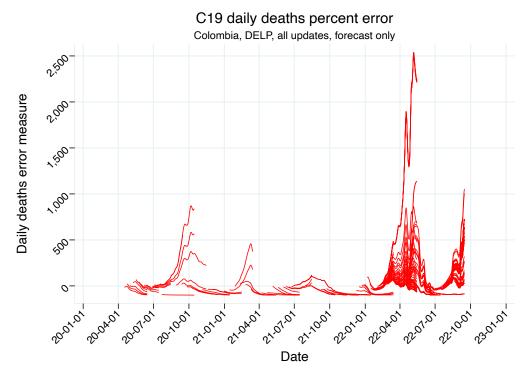
C19 daily deaths absolute error

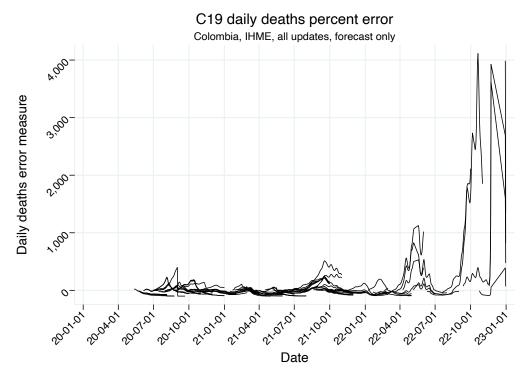


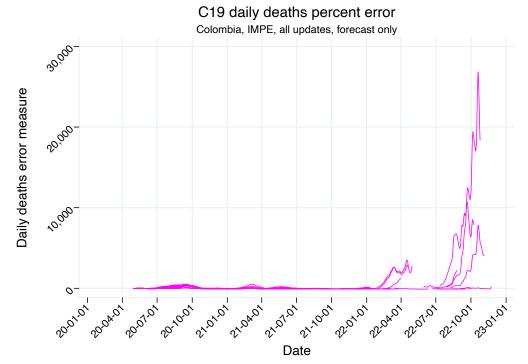






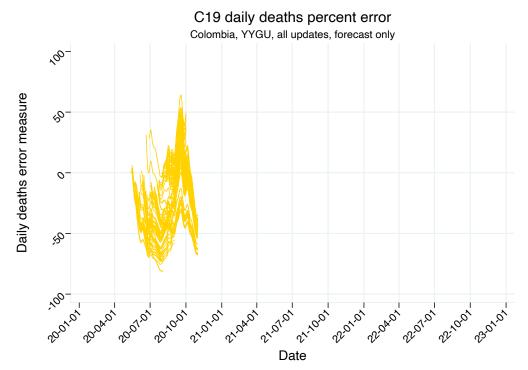


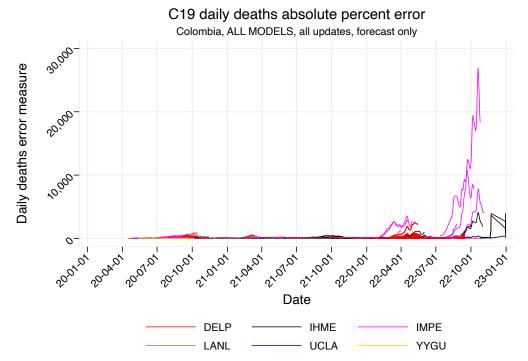




C19 daily deaths percent error Colombia, LANL, all updates, forecast only 600-Daily deaths error measure 100. 200-0-Date

C19 daily deaths percent error Colombia, UCLA, all updates, forecast only 0-Daily deaths error measure 30-D. g) 90parai pakai paiai praai pakai pakai parai pakai pakai parai pakai Date





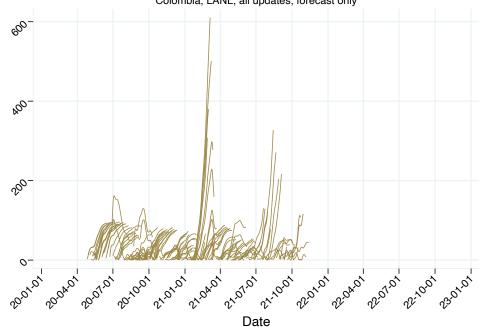
C19 daily deaths absolute percent error Colombia, DELP, all updates, forecast only Daily deaths error measure 100çgo-0point pour point prot tare tare train train stare son son son son son Date

C19 daily deaths absolute percent error Colombia, IHME, all updates, forecast only Y000_ Daily deaths error measure 3000-100-0point pour point prot varot varot varot point para varot point Date

C19 daily deaths absolute percent error Colombia, IMPE, all updates, forecast only Daily deaths error measure 2001 al 2004 al 2010 a

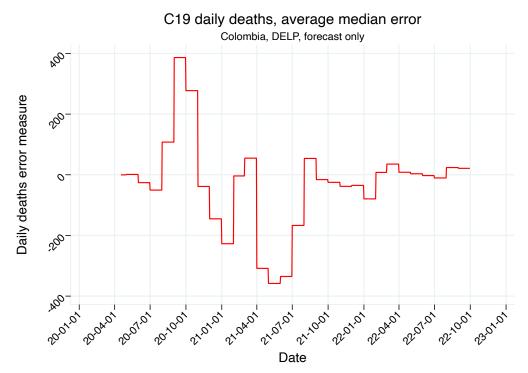
C19 daily deaths absolute percent error Colombia, LANL, all updates, forecast only

Daily deaths error measure



C19 daily deaths absolute percent error Colombia, UCLA, all updates, forecast only ,00⁻ Daily deaths error measure 80-60 0, 20para paka pala praa raia raka raia riaa pala paka pala paka pala

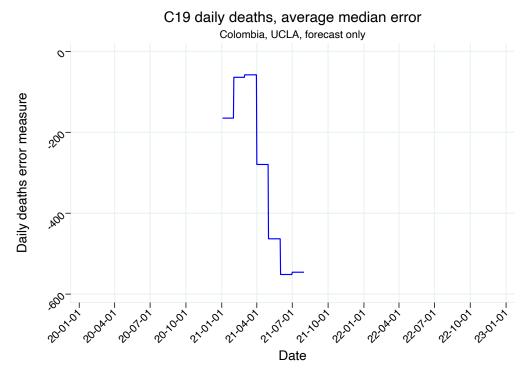
C19 daily deaths absolute percent error Colombia, YYGU, all updates, forecast only SO. Daily deaths error measure 60 0-2 poi poko polo propi prop

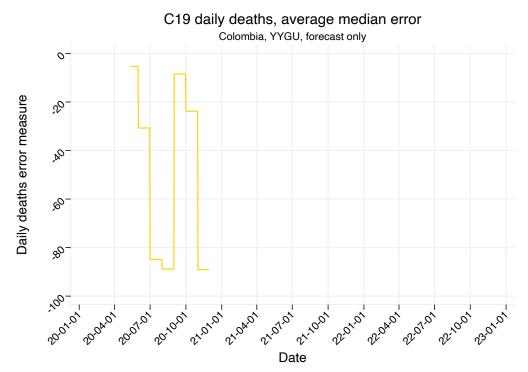


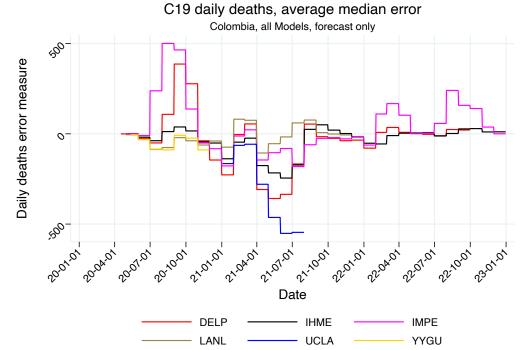
C19 daily deaths, average median error Colombia, IHME, forecast only 100-Daily deaths error measure 0-,00° 300-Date

C19 daily deaths, average median error Colombia, IMPE, forecast only 600-Daily deaths error measure 100 200-0-

C19 daily deaths, average median error Colombia, LANL, forecast only 100-Daily deaths error measure SO. 0-Ś Date

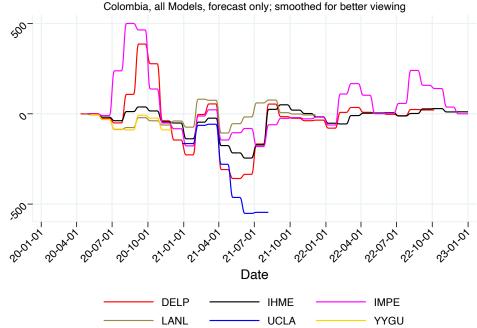


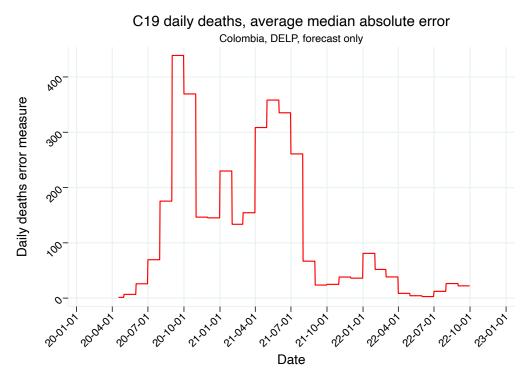


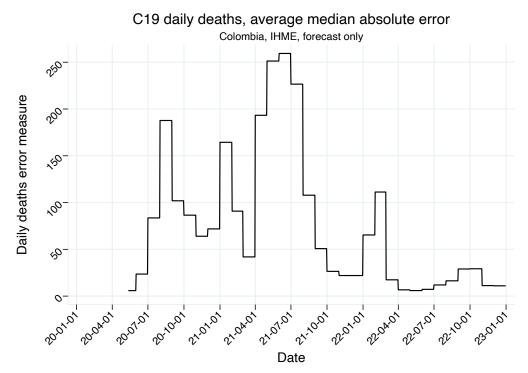


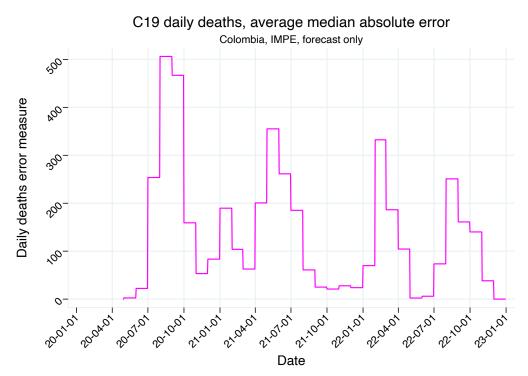
Daily deaths error measure

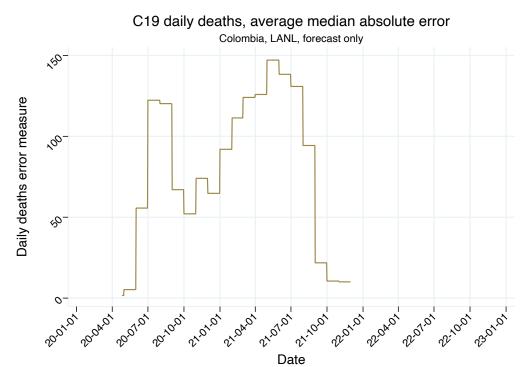
C19 daily deaths, average median error

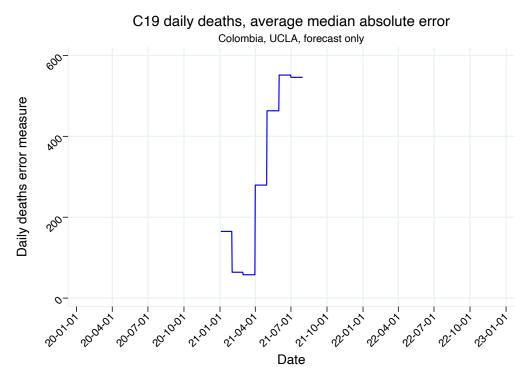






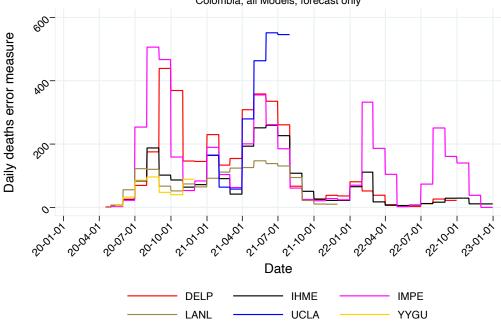


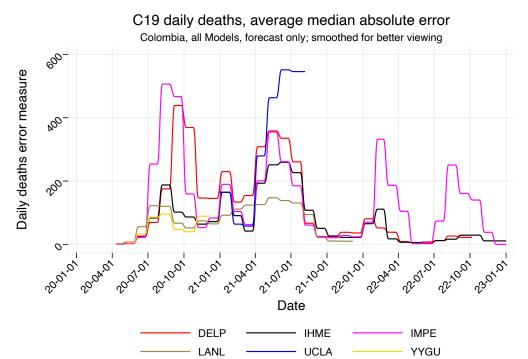




C19 daily deaths, average median absolute error Colombia, YYGU, forecast only *-00,* Daily deaths error measure 80-60 0 20para paka pala praa rata rata rata riaa pata pata pata pata Date

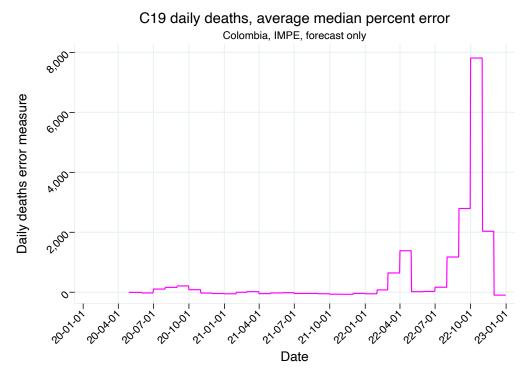
C19 daily deaths, average median absolute error



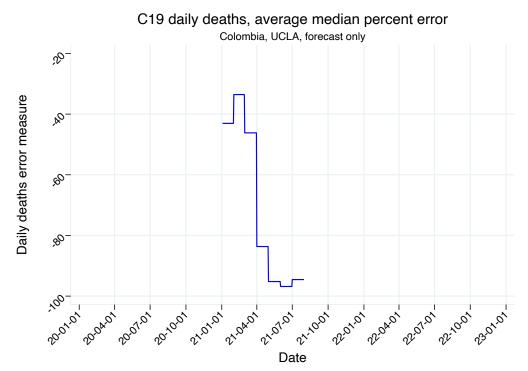


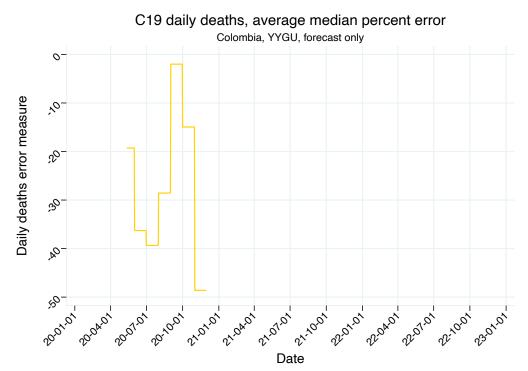
C19 daily deaths, average median percent error Colombia, DELP, forecast only 300-Daily deaths error measure 200-,00-0pota poka pota pota proa para paka pata prata prata pata pata prata pata

C19 daily deaths, average median percent error Colombia, IHME, forecast only 1,500-Daily deaths error measure 600-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal

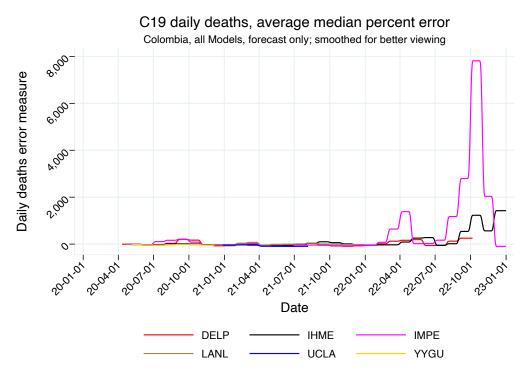


C19 daily deaths, average median percent error Colombia, LANL, forecast only 100-Daily deaths error measure SO-0-



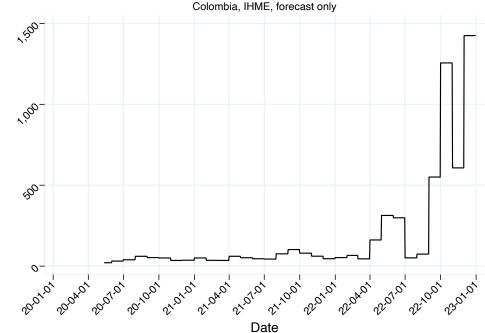


C19 daily deaths, average median percent error Colombia, all Models, forecast only 8000-Daily deaths error measure 6000-*000_ 2,000-0-Date **DELP** IHME **IMPE** LANL **UCLA** YYGU



C19 daily deaths, average median absolute percent error Colombia, DELP, forecast only 250 Daily deaths error measure 200-160-*~00*~ 60-0para paka pala praa rata rata rata riaa pata pata pata pata

C19 daily deaths, average median absolute percent error



Daily deaths error measure

C19 daily deaths, average median absolute percent error Colombia, IMPE, forecast only 8000-Daily deaths error measure 000-Y000point pour point prot varo varo varo varo point part point

C19 daily deaths, average median absolute percent error Colombia, LANL, forecast only 120-,00⁻ Daily deaths error measure 90-60-0 20-

Date

patal pakal palal praal ratal ratal riaal riaal ratal ratal ratal

C19 daily deaths, average median absolute percent error Colombia, UCLA, forecast only 100-Daily deaths error measure 90-60-04 para paka pala praa raka raka rala rica para paka pala praa pala

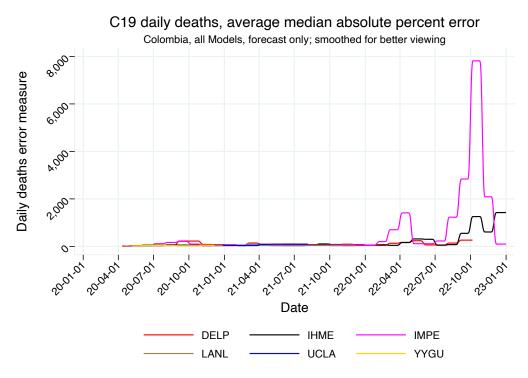
C19 daily deaths, average median absolute percent error Colombia, YYGU, forecast only *γ*ο-Daily deaths error measure 02 ფ∙

C19 daily deaths, average median absolute percent error Colombia, all Models, forecast only 8000-Daily deaths error measure 6000-*000_ 2000-0-Date **DELP** IHME **IMPE**

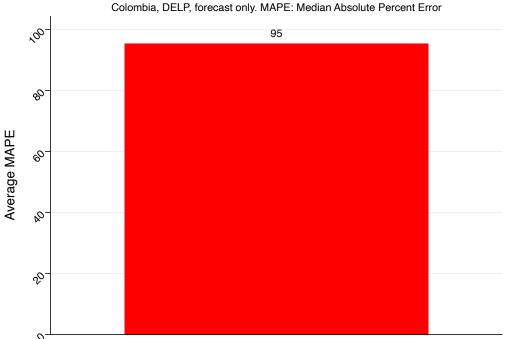
UCLA

YYGU

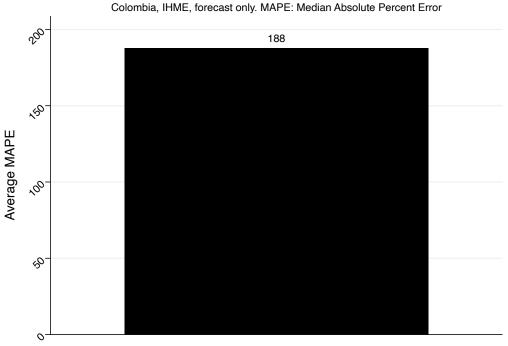
LANL



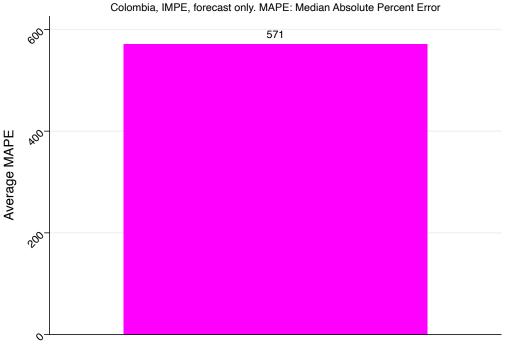
C19 daily deaths average MAPE over updates and calendar months



C19 daily deaths average MAPE over updates and calendar months



C19 daily deaths average MAPE over updates and calendar months



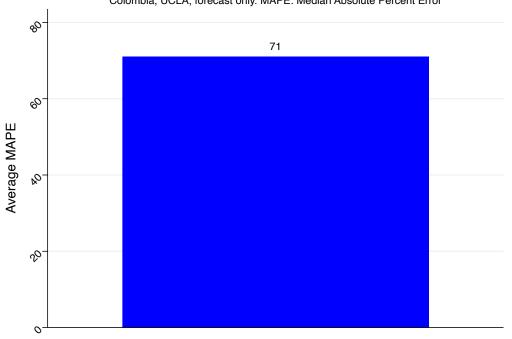
C19 daily deaths average MAPE over updates and calendar months

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

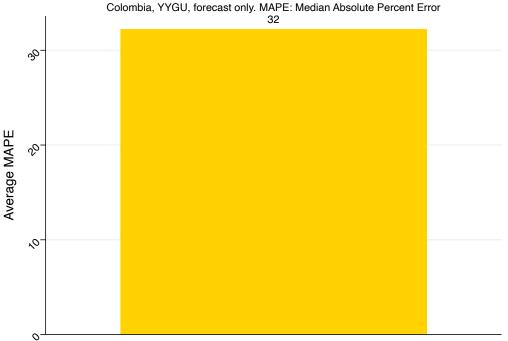


C19 daily deaths average MAPE over updates and calendar months

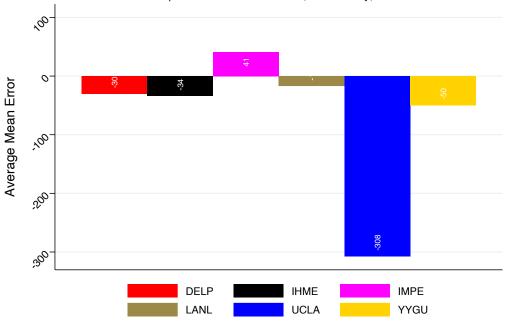
Colombia, UCLA, forecast only. MAPE: Median Absolute Percent Error



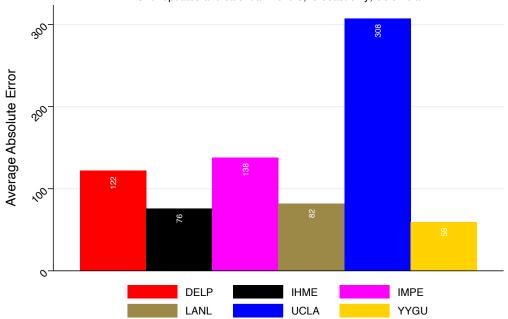
C19 daily deaths average MAPE over updates and calendar months



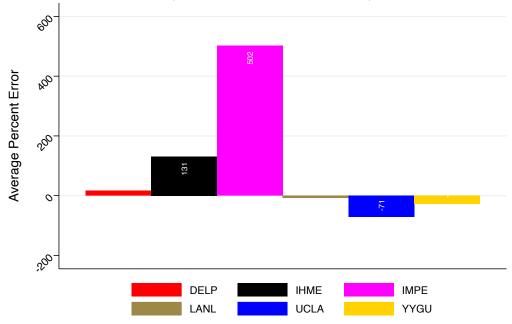
C19 daily deaths average of Mean Error



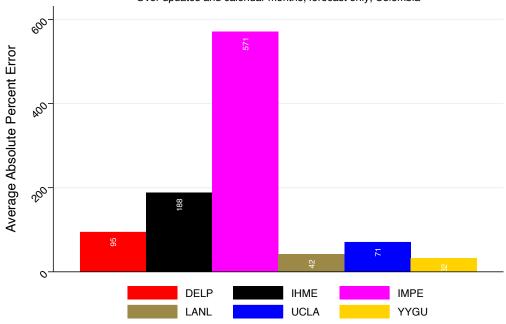
C19 daily deaths average of Absolute Error



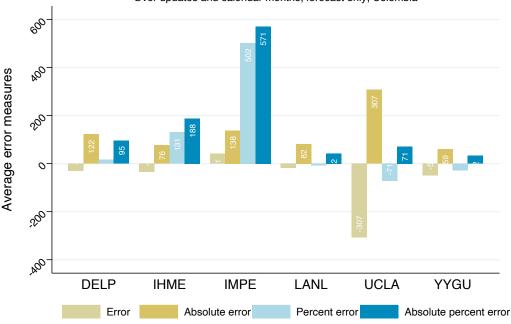
C19 daily deaths average of Percent Error



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

