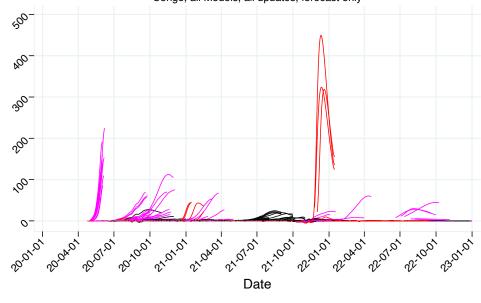


DELP

Daily deaths error measure



IHME

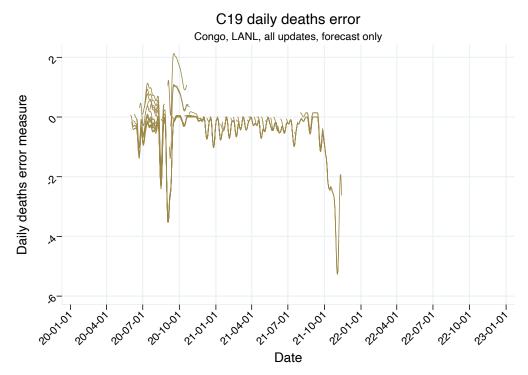
IMPE

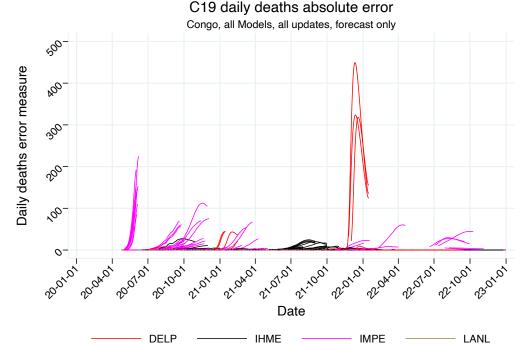
LANL

C19 daily deaths error Congo, DELP, all updates, forecast only 600-100⁻ Daily deaths error measure 30°-200-,00⁻ 0para paka pala praa rata rata rata riaa pata pata pata pata Date

C19 daily deaths error Congo, IHME, all updates, forecast only എ-Daily deaths error measure ₽°-0-0-

C19 daily deaths error Congo, IMPE, all updates, forecast only 250-Daily deaths error measure 160-,00⁻ SO. 0para paka pala praa rata rata rata riaa pata pata pata pata Date





IHME

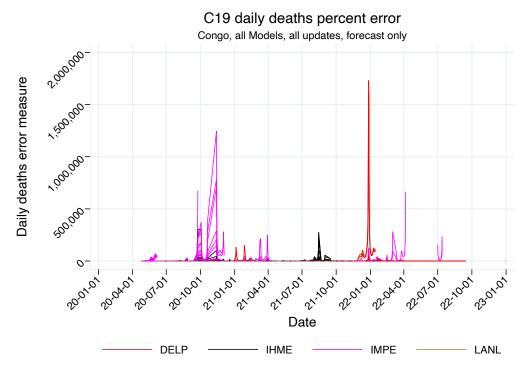
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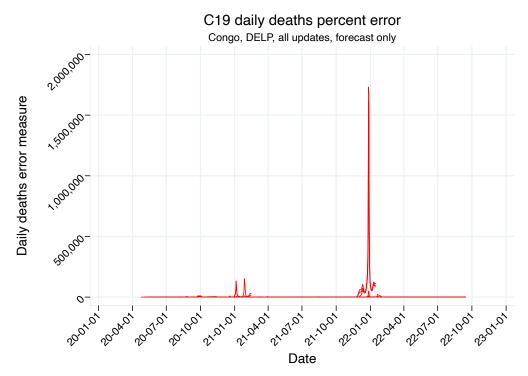
C19 daily deaths absolute error Congo, DELP, all updates, forecast only 600-MO-Daily deaths error measure 300-200-,00⁻ pain paka pala proa raia raka raia rraa pata paka pala proa pata Date

C19 daily deaths absolute error Congo, IHME, all updates, forecast only യ-Daily deaths error measure P-0-

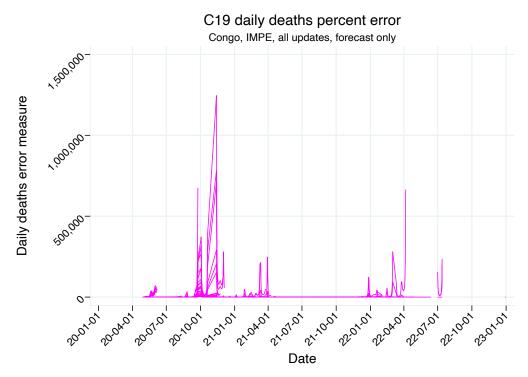
C19 daily deaths absolute error Congo, IMPE, all updates, forecast only 250 Daily deaths error measure 200-180-00 60-Date

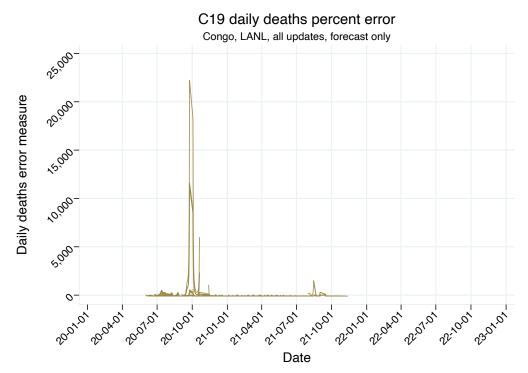
C19 daily deaths absolute error Congo, LANL, all updates, forecast only 6 Daily deaths error measure ▶გv 0potat pokat patat priori protat prakat priori protat protat priori protat priori protat Date

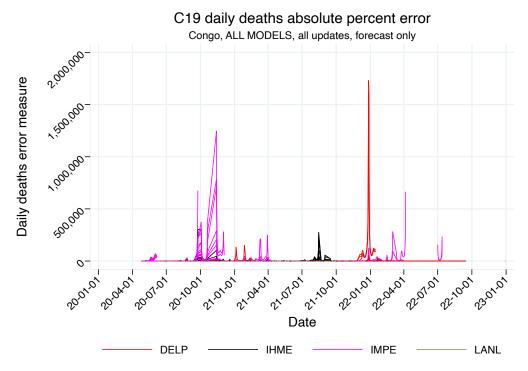


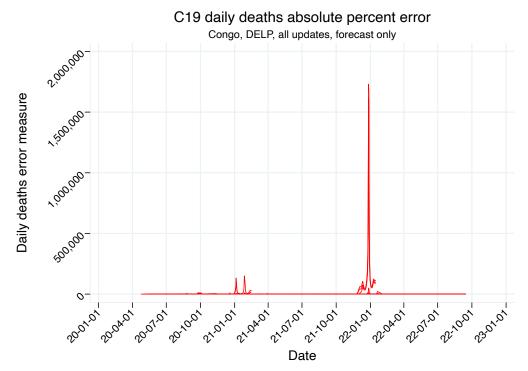


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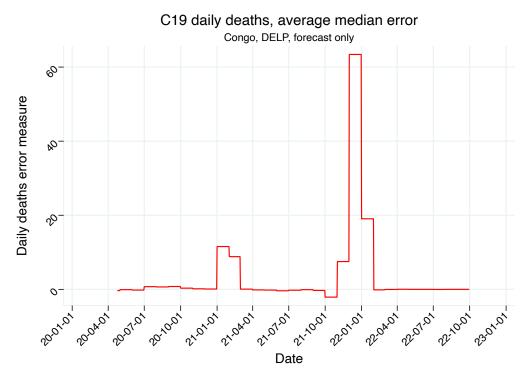




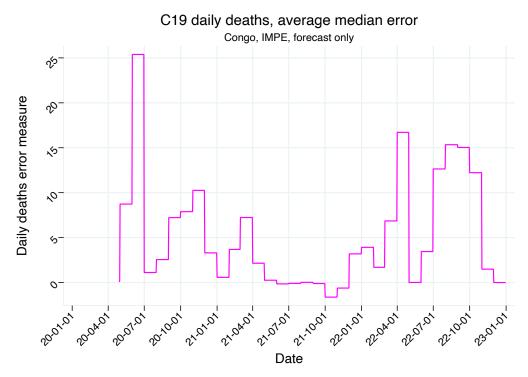
C19 daily deaths absolute percent error Congo, IHME, all updates, forecast only 30,00-Daily deaths error measure 0potal pokal potal prati pakal pakal prati pakal pakal pakal potal pratial Date

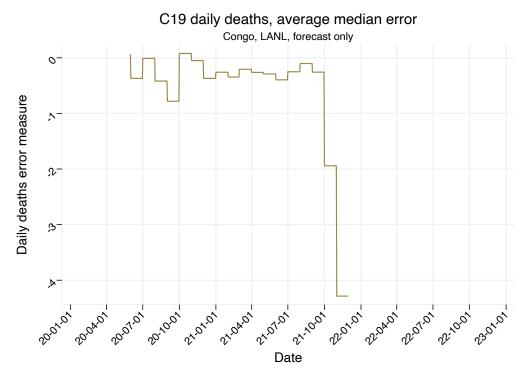
C19 daily deaths absolute percent error Congo, IMPE, all updates, forecast only 1,80,00-Daily deaths error measure poi a poka pola proa rata raka rata rio pia pata poka pola proa pata Date

C19 daily deaths absolute percent error Congo, LANL, all updates, forecast only 50000 Daily deaths error measure 12,000-10000-2000pain pakai pain pian rakai rakai rain rakai pakai pakai pakai pain



C19 daily deaths, average median error Congo, IHME, forecast only ზ-Daily deaths error measure 6 ▶v-0pain paka palai proai raia raka raiai ricai pain paka paka palai proai patai Date





C19 daily deaths, average median error Congo, all Models, forecast only _о-Daily deaths error measure ₀-20-0gai al gara gala garaa garah garah garah garah garah garah garah Date **DELP** IHME **IMPE** LANL

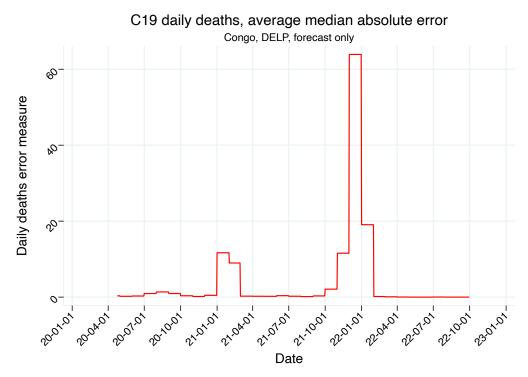
C19 daily deaths, average median error Congo, all Models, forecast only; smoothed for better viewing _о-Daily deaths error measure ₂0-S. 0gai al gara gala garaa garah garah garah garah garah garah garah Date

IHME

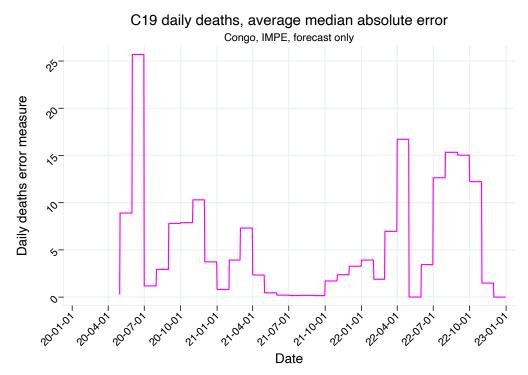
IMPE

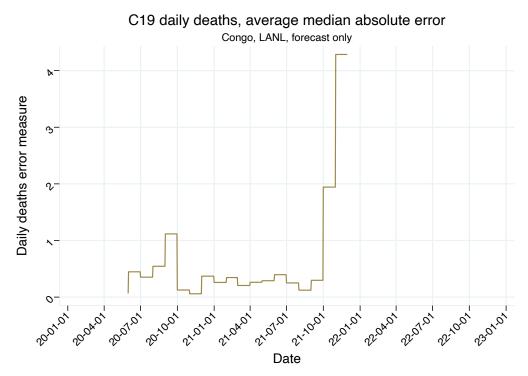
LANL

DELP

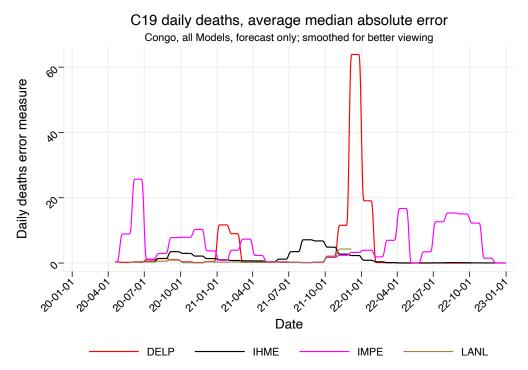


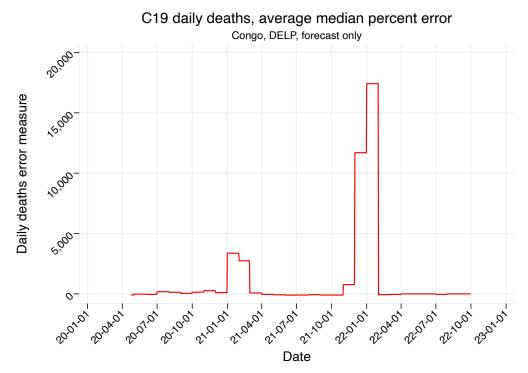
C19 daily deaths, average median absolute error Congo, IHME, forecast only ზ-Daily deaths error measure 6-▶-2-0potal pokal polal productoral rakal ralal rical potal pokal polal production

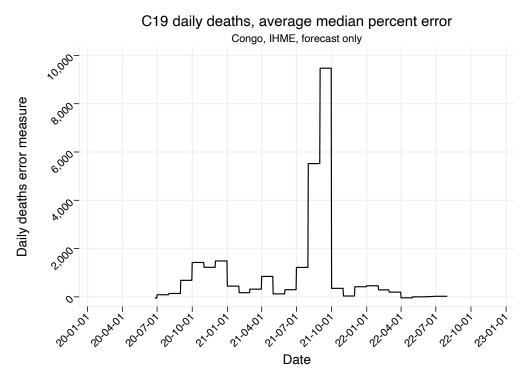


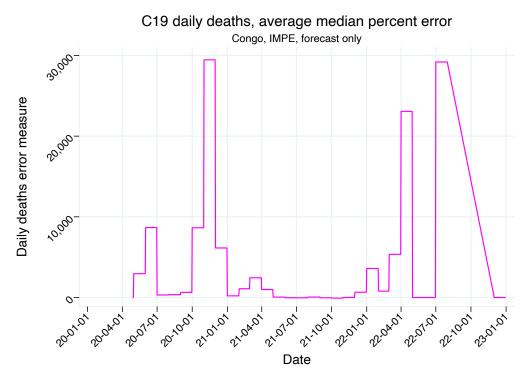


C19 daily deaths, average median absolute error Congo, all Models, forecast only *©*-Daily deaths error measure -04 20-Date **DELP** IHME **IMPE** LANL



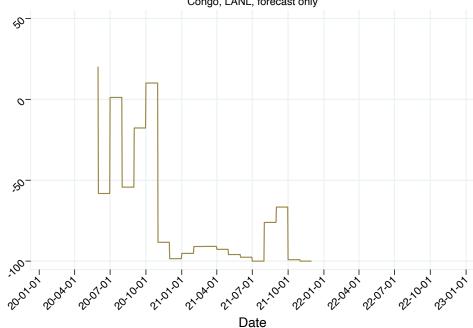






C19 daily deaths, average median percent error

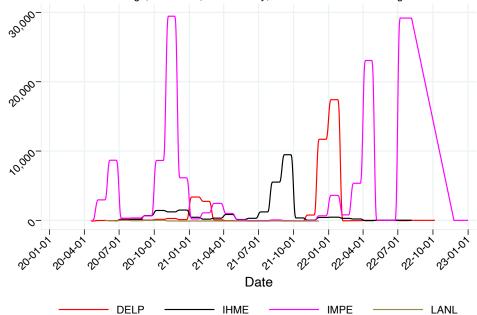
Congo, LANL, forecast only



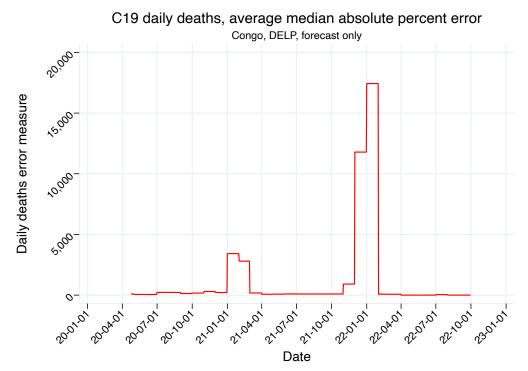
Daily deaths error measure

C19 daily deaths, average median percent error Congo, all Models, forecast only 30,00-Daily deaths error measure 1000-Date **DELP** IHME **IMPE** LANL

C19 daily deaths, average median percent error Congo, all Models, forecast only; smoothed for better viewing

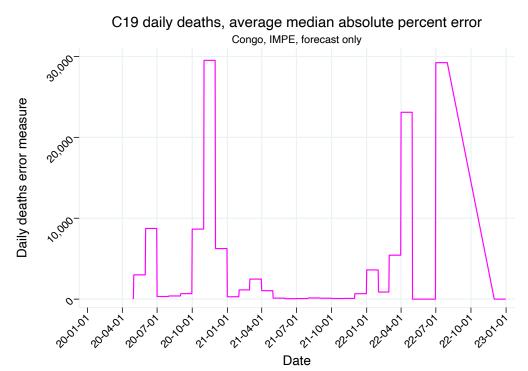


Daily deaths error measure



C19 daily deaths, average median absolute percent error Congo, IHME, forecast only 10000-8000-Daily deaths error measure *000_ 2000-0pain para pain prai trata tara trata trata

Date



C19 daily deaths, average median absolute percent error Congo, LANL, forecast only ~2º-Daily deaths error measure ,00⁻ дo-60-0,0 parat pakat paliat pripat prakat palat pripat parat pakat palat pripat parat

Date

C19 daily deaths, average median absolute percent error Congo, all Models, forecast only 30,00-Daily deaths error measure 10,00-Date

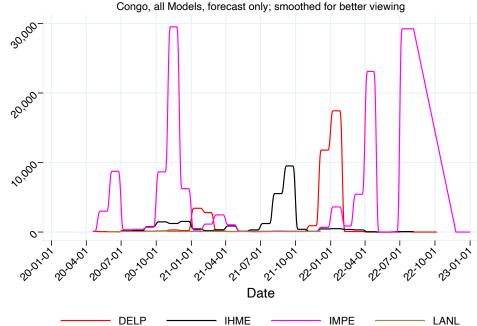
IHME

IMPE

LANL

DELP

C19 daily deaths, average median absolute percent error



Daily deaths error measure

C19 daily deaths average MAPE over updates and calendar months

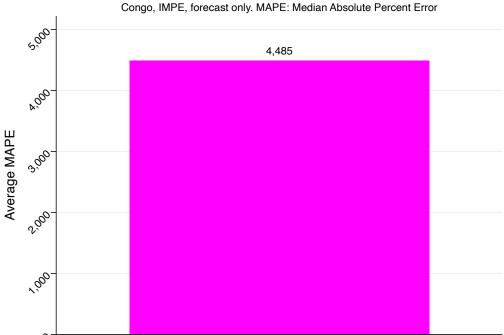
Congo, DELP, forecast only. MAPE: Median Absolute Percent Error 1,338

Average MAPE

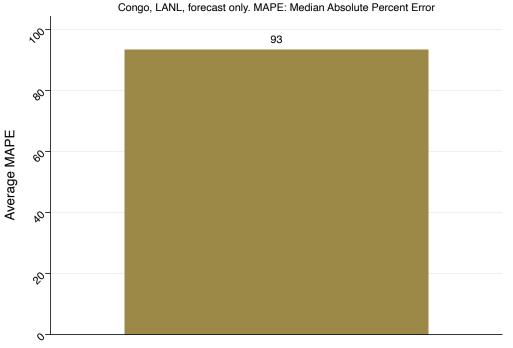
C19 daily deaths average MAPE over updates and calendar months Congo, IHME, forecast only. MAPE: Median Absolute Percent Error 1,078 100 ¬ 800-600-00 200-

Average MAPE

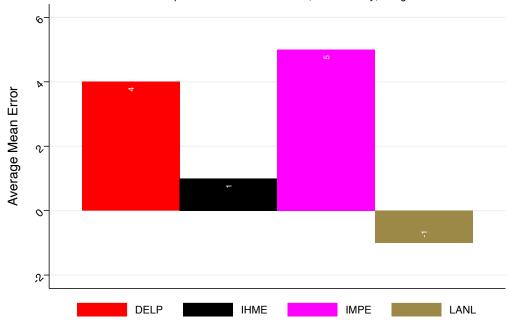
C19 daily deaths average MAPE over updates and calendar months



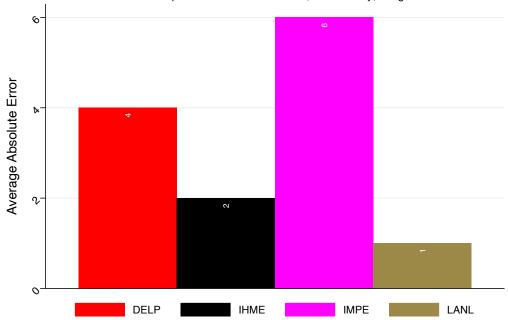
C19 daily deaths average MAPE over updates and calendar months



C19 daily deaths average of Mean Error

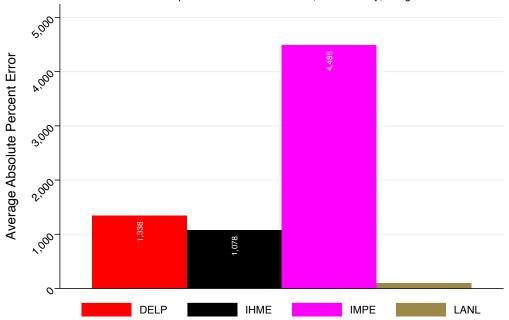


C19 daily deaths average of Absolute Error

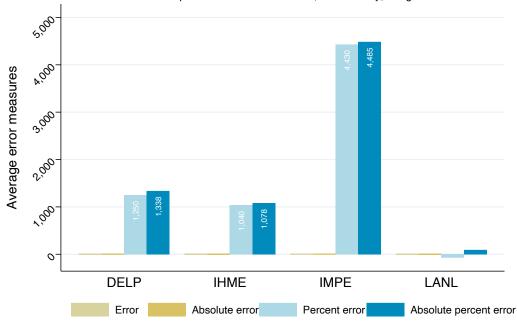


C19 daily deaths average of Percent Error Over updates and calendar months; forecast only; Congo Average Percent Error 0-DELP IHME **IMPE** LANL

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

Over updates and calendar months; forecast only; Congo 4,961 Y000_ Average error measures 3000-1,556 1,445 1,084 0-Error Absolute Error Percent Error Absolute % Error DELP **IHME IMPE** LANL