

C19 daily deaths error Mali, all Models, all updates, forecast only 2,500-Daily deaths error measure 1,400\_ 100-400-0got of got of Date

IHME

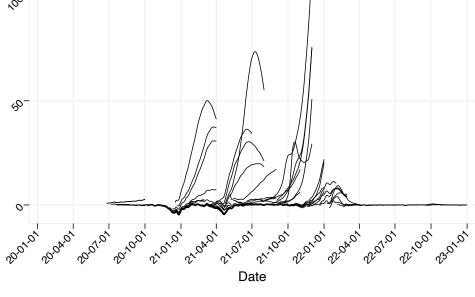
**IMPE** 

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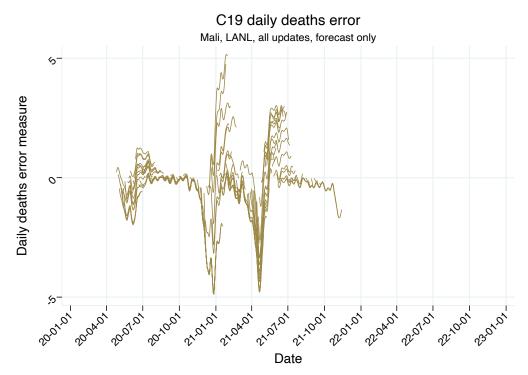
C19 daily deaths error Mali, DELP, all updates, forecast only MO-Daily deaths error measure 300 *-00,* 0pata paka pata proa nata naka nata nioa pata pata pata proa pata Date

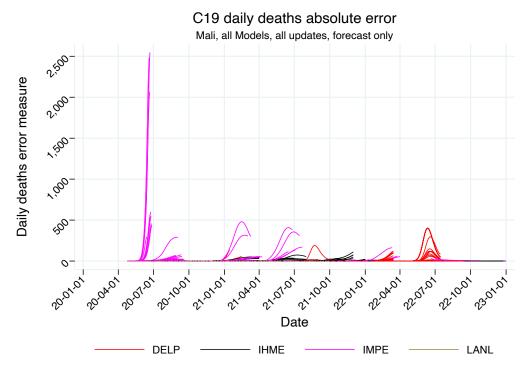
Mali, IHME, all updates, forecast only 100-Daily deaths error measure %-

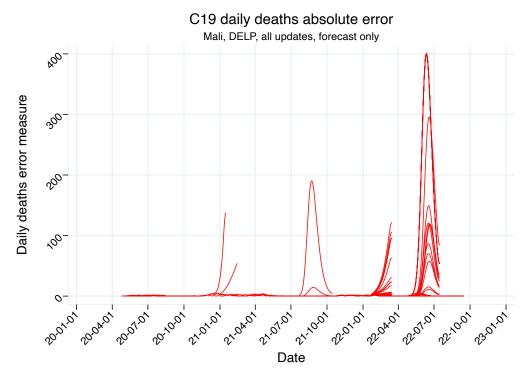


C19 daily deaths error

C19 daily deaths error Mali, IMPE, all updates, forecast only Daily deaths error measure 1,600-60° 0potal pokal potal prant rakal rakal racal prant pakal pakal potal pripal potal Date

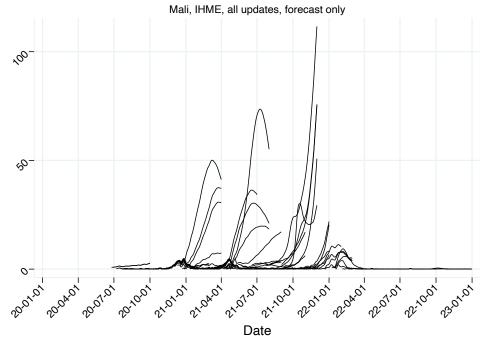


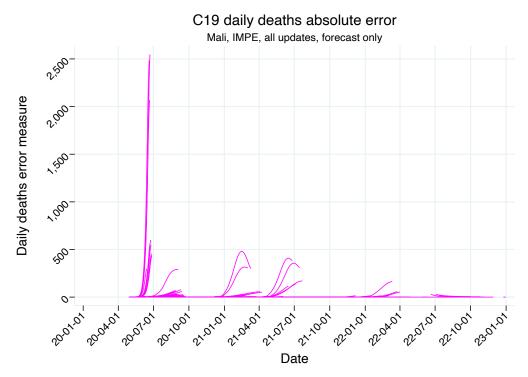




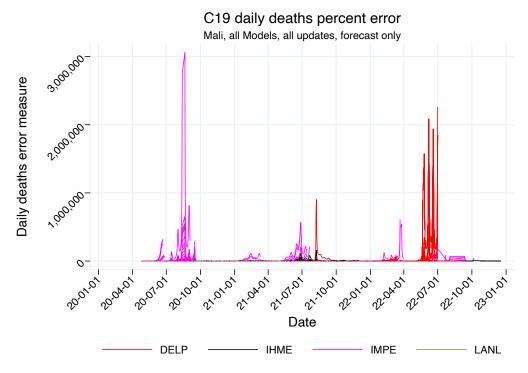


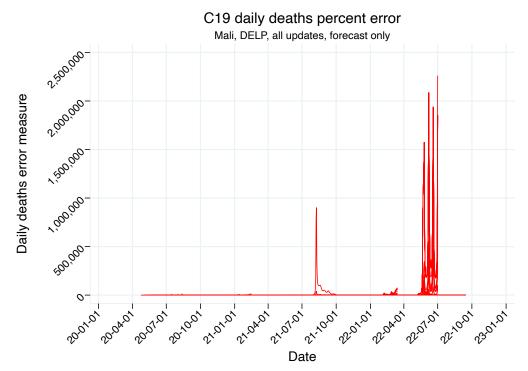
## C19 daily deaths absolute error

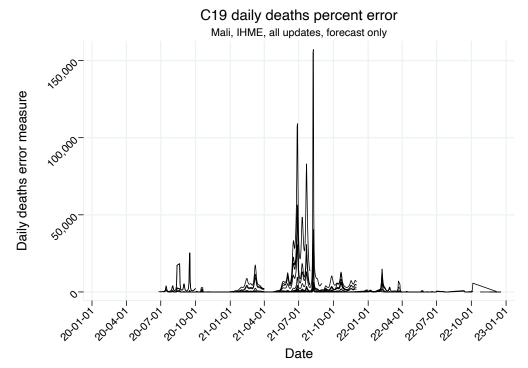


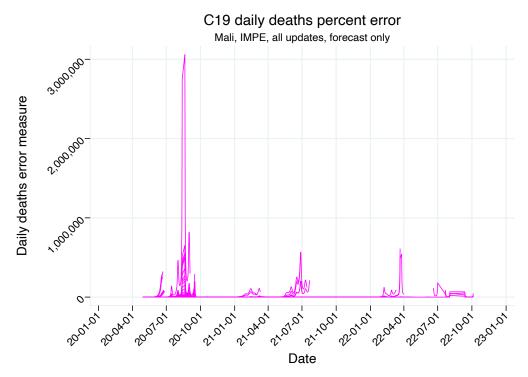


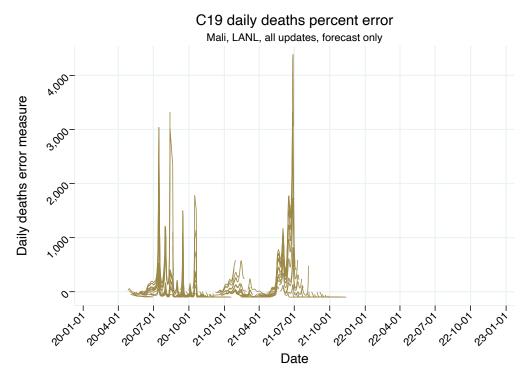
## C19 daily deaths absolute error Mali, LANL, all updates, forecast only 6 Daily deaths error measure ▶ტ-2-0point pokot polot priori protet protet protet protet polot protet polot protet polot Date

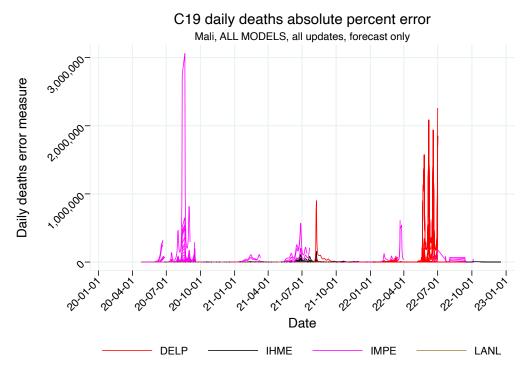






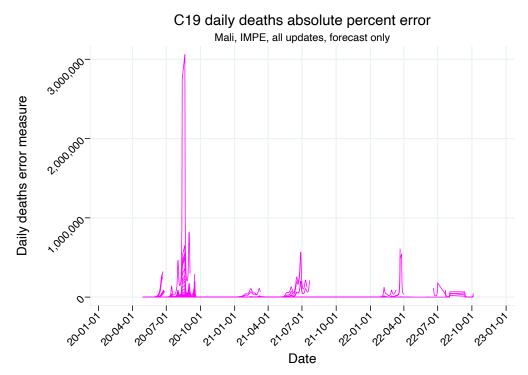






C19 daily deaths absolute percent error Mali, DELP, all updates, forecast only 5.20000-Daily deaths error measure 600,000-0paia paka pala piaa paka paka pala piaa paka paka pala piaa Date

C19 daily deaths absolute percent error Mali, IHME, all updates, forecast only ,50,00° Daily deaths error measure ,00,00potal pokal polal proof ratal rakal ratal risal pokal pokal polal proof Date

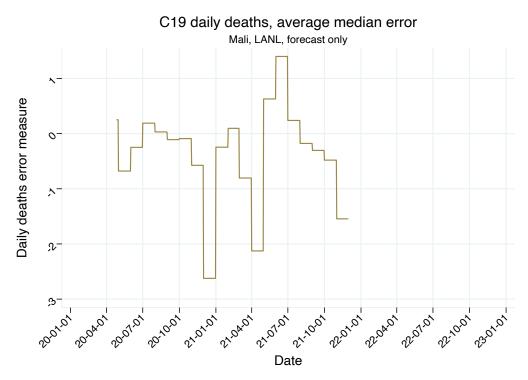


C19 daily deaths absolute percent error Mali, LANL, all updates, forecast only \*000\_ Daily deaths error measure potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal Date

C19 daily deaths, average median error Mali, DELP, forecast only *©*-Daily deaths error measure 20-P-0point poket polici priori prairi praket prairi priori pot praket polici priori pot Date

C19 daily deaths, average median error Mali, IHME, forecast only ം\_ Daily deaths error measure ₽°-0-0potal pakal palal propal ratal rakal ralal ritori patal pakal palal propal patal Date

C19 daily deaths, average median error Mali, IMPE, forecast only -o<sub>o</sub> Daily deaths error measure 60. 02 0 2012, 2040, 2010, 2010, 3101, 3 Date



C19 daily deaths, average median error Mali, all Models, forecast only <sub>о</sub>-Daily deaths error measure <sub>о</sub>-<sub>О</sub>-P-0-Date

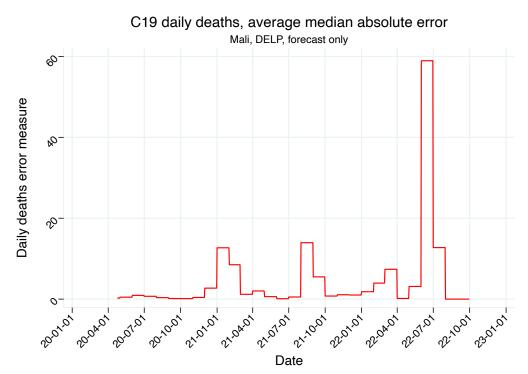
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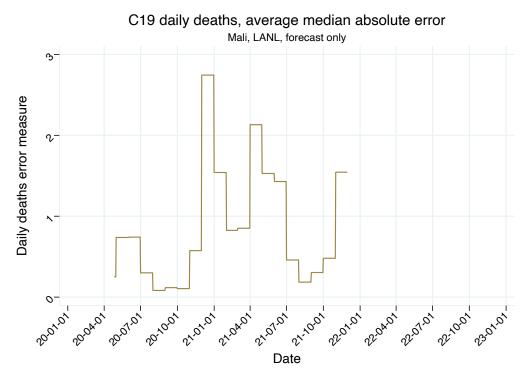
C19 daily deaths, average median error Mali, all Models, forecast only; smoothed for better viewing <sub>о</sub>-Daily deaths error measure <sub>о</sub>-<sub>О</sub>-P-0-Date **DELP** IHME **IMPE** LANL



C19 daily deaths, average median absolute error Mali, IHME, forecast only എ-Daily deaths error measure P-~0parat pakat palat pripat prakat palat pripat parat pakat palat pripat parat Date

C19 daily deaths, average median absolute error Mali, IMPE, forecast only -o<sub>o</sub> Daily deaths error measure 60. 20-S. 

Date



C19 daily deaths, average median absolute error Mali, all Models, forecast only <sub>о</sub>-Daily deaths error measure 60--Q<sub>4</sub> 20-Date

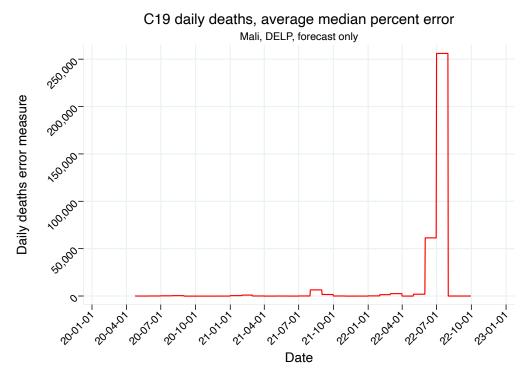
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C19 daily deaths, average median absolute error Mali, all Models, forecast only; smoothed for better viewing <sub>Ф</sub>-Daily deaths error measure 60--Q<sub>4</sub> 20-Date **DELP** IHME **IMPE** LANL

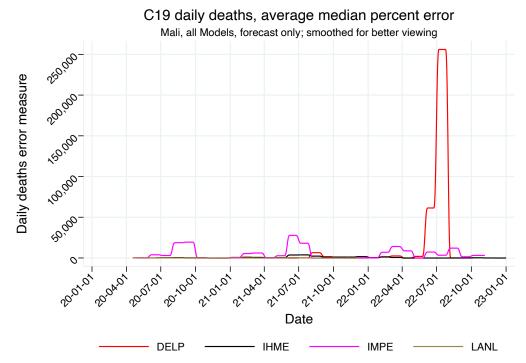


C19 daily deaths, average median percent error Mali, IHME, forecast only \*000\_ Daily deaths error measure 3000\_ 100-0potat pokat potat proat rata rakat ratat ripot potat pokat potat proat potat Date

C19 daily deaths, average median percent error Mali, IMPE, forecast only 30,00-Daily deaths error measure 50,000-10000 

C19 daily deaths, average median percent error Mali, LANL, forecast only 60-Daily deaths error measure MO-200-0-200 - 200 -

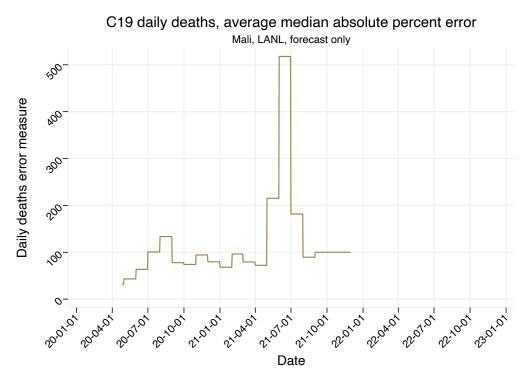
C19 daily deaths, average median percent error Mali, all Models, forecast only 250,000 Daily deaths error measure 500,00 150,000 ,00,00-80,00-0poter pour poter prop' rate rate rate rice poter pour poter prior poter Date **DELP** IHME **IMPE** LANL



C19 daily deaths, average median absolute percent error Mali, DELP, forecast only Daily deaths error measure 10000 80,00-0para paka para praa raka raka raia risa paka paka paka piaa piaa Date

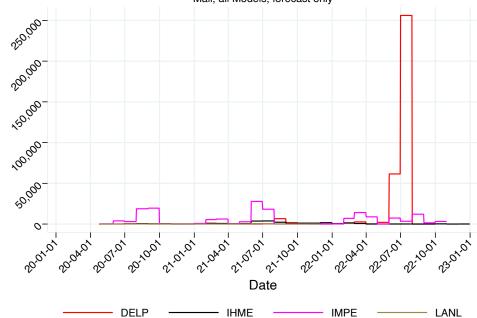
C19 daily deaths, average median absolute percent error Mali, IHME, forecast only \*'000\_ Daily deaths error measure 3000-2,000-100-0potat pokat potat proat rata rakat ratat ripot potat pokat potat proat potat

C19 daily deaths, average median absolute percent error Mali, IMPE, forecast only 30,00-Daily deaths error measure 20,000\_ 10,00 



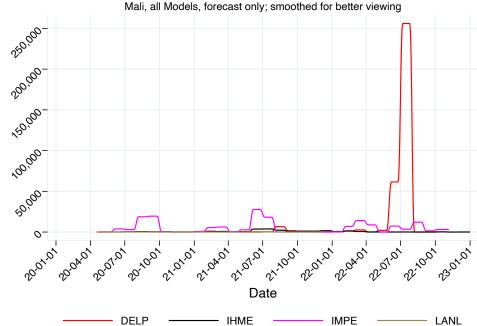
C19 daily deaths, average median absolute percent error

Mali, all Models, forecast only



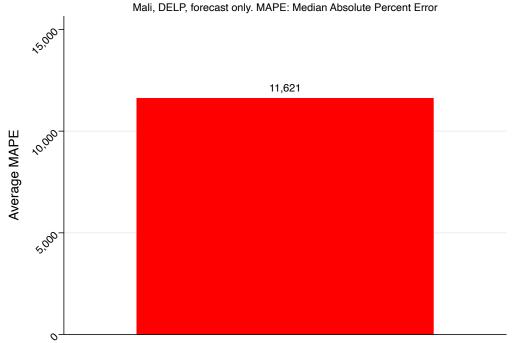
Daily deaths error measure

# C19 daily deaths, average median absolute percent error



Daily deaths error measure

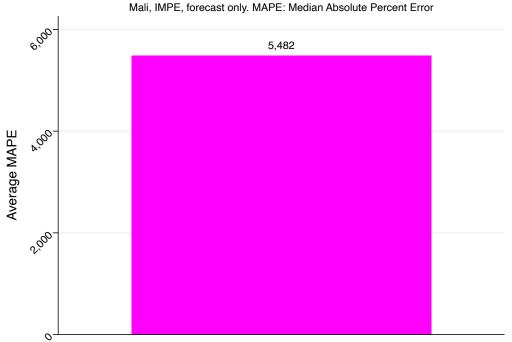
### C19 daily deaths average MAPE over updates and calendar months



C19 daily deaths average MAPE over updates and calendar months Mali, IHME, forecast only. MAPE: Median Absolute Percent Error 714



## C19 daily deaths average MAPE over updates and calendar months

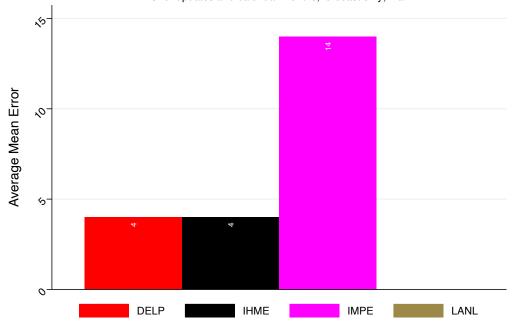


C19 daily deaths average MAPE over updates and calendar months Mali, LANL, forecast only. MAPE: Median Absolute Percent Error 119 ,00-SO.

Average MAPE

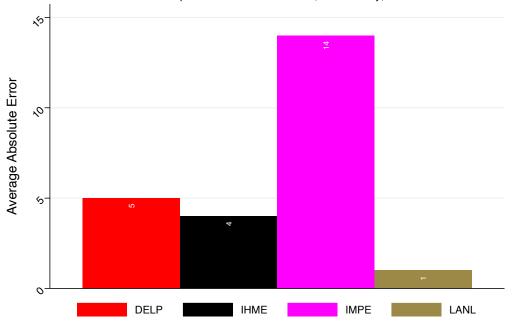
#### C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Mali



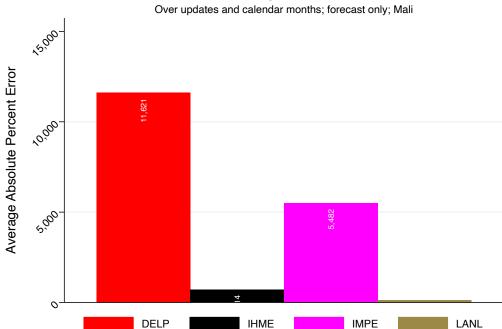
#### C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Mali



# C19 daily deaths average of Percent Error Over updates and calendar months; forecast only; Mali Average Percent Error 5,422 0-**DELP** IHME **IMPE** LANL

#### C19 daily deaths average of Absolute Percent Error



#### C19 daily deaths, models across average error measures

