

C19 daily deaths error Philippines, all Models, all updates, forecast only 2000-Daily deaths error measure Y000\_ 3000-500-100-0got of got of Date

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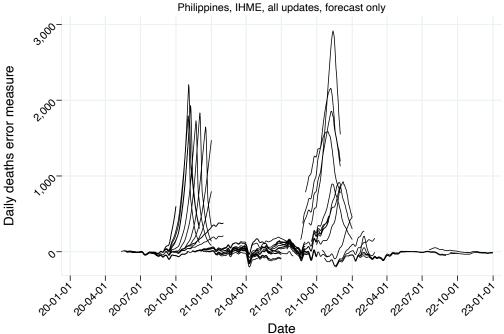
LANL

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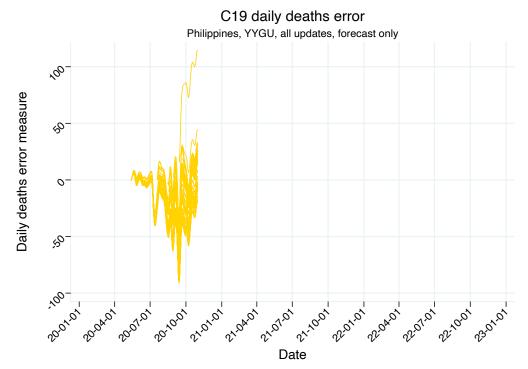
C19 daily deaths error Philippines, DELP, all updates, forecast only 200-Daily deaths error measure *-00,* 0-,00-200 2010 2010 2010 21010 21010 21010 21010 2101 22010 22010 22010 22010 22010

#### C19 daily deaths error



C19 daily deaths error Philippines, IMPE, all updates, forecast only 2000-\*000\_ Daily deaths error measure 3000-5000-100-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal

C19 daily deaths error Philippines, LANL, all updates, forecast only NO. Daily deaths error measure 200-0-Date



### C19 daily deaths absolute error Philippines, all Models, all updates, forecast only 2000-Daily deaths error measure Y000-3000-500-100-0-Date

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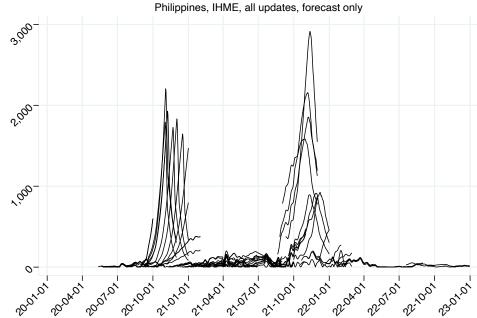
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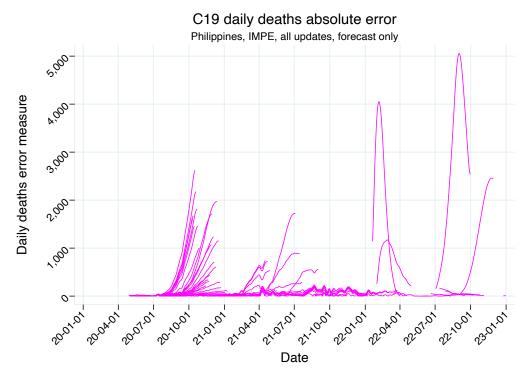
C19 daily deaths absolute error Philippines, DELP, all updates, forecast only 200-Daily deaths error measure 160-·00, 30-0point pokot polot priori protet prote Date

### C19 daily deaths absolute error

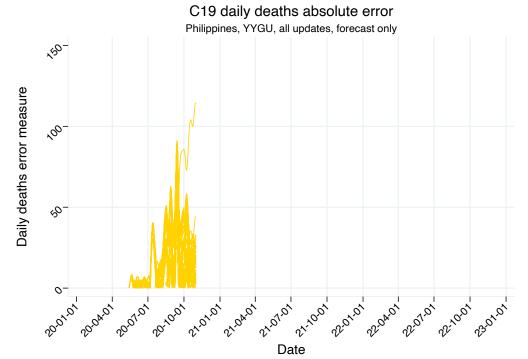


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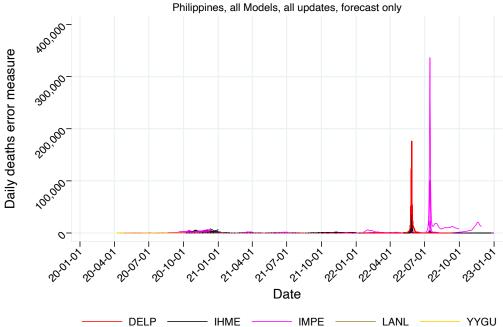
Daily deaths error measure



C19 daily deaths absolute error Philippines, LANL, all updates, forecast only MO-Daily deaths error measure 200-00 Date



#### C19 daily deaths percent error

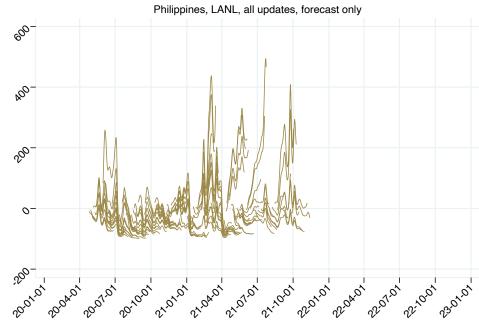


### C19 daily deaths percent error Philippines, DELP, all updates, forecast only 200,00 Daily deaths error measure 0para paka para praa raka raka raia risa paka paka para pisa para

### C19 daily deaths percent error Philippines, IHME, all updates, forecast only 0000-Daily deaths error measure \*0'00\_

## C19 daily deaths percent error Philippines, IMPE, all updates, forecast only <sup>10</sup>0000 Daily deaths error measure 0-Date

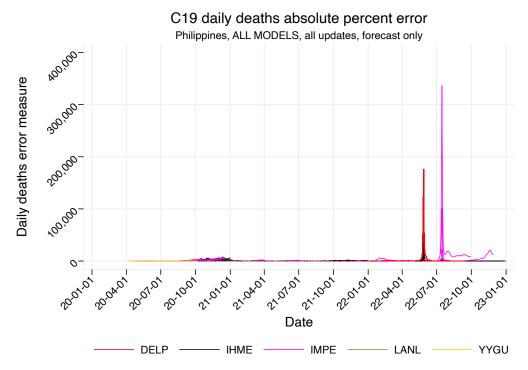
#### C19 daily deaths percent error



Date

Daily deaths error measure

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

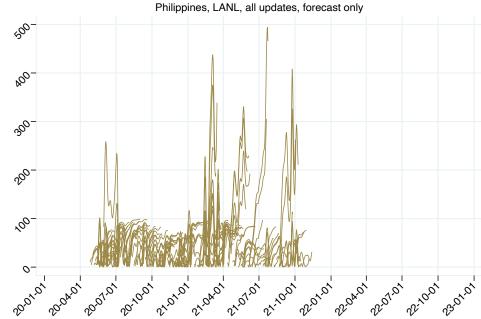


# C19 daily deaths absolute percent error Philippines, DELP, all updates, forecast only Daily deaths error measure 0para paka para praa raka raka raia risa paka paka paka piaa piaa

### C19 daily deaths absolute percent error Philippines, IHME, all updates, forecast only 0000-Daily deaths error measure \*0'00\_ 20101 20101 20101 20101 20101 20101 20101 20101 20101 20101 20101 20101 20101 20101 20101

C19 daily deaths absolute percent error Philippines, IMPE, all updates, forecast only <sup>10</sup>0000 Daily deaths error measure 0-Date

#### C19 daily deaths absolute percent error

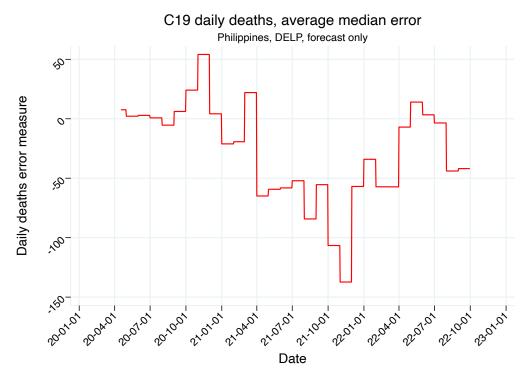


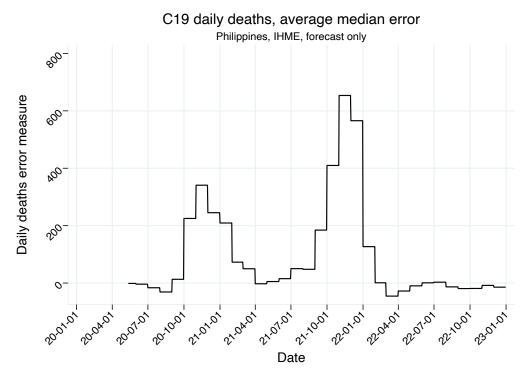
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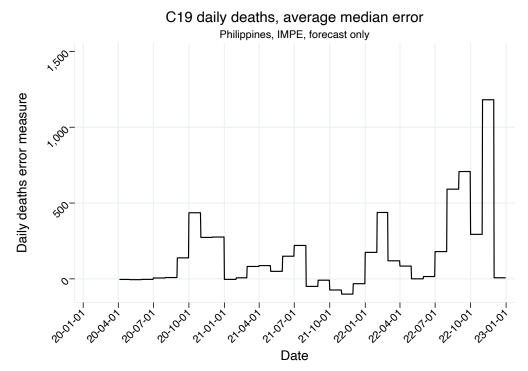
Daily deaths error measure

Philippines, YYGU, all updates, forecast only 300-Daily deaths error measure 00, potal pakal palal proal ratal rakal ralal ritaal potal potal palal proal potal Date

C19 daily deaths absolute percent error

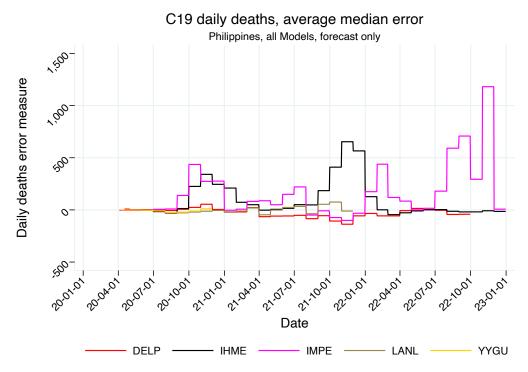






C19 daily deaths, average median error Philippines, LANL, forecast only ,00<sup>-1</sup> Daily deaths error measure SO-0-2001 and 2011 and 201

C19 daily deaths, average median error Philippines, YYGU, forecast only ~0-Daily deaths error measure 0-,0° 30. para paka pala praa rain raka rain riaa pala paka pala paka pala Date



C19 daily deaths, average median error Philippines, all Models, forecast only; smoothed for better viewing 1,500-Daily deaths error measure 100ф0°-0-Date

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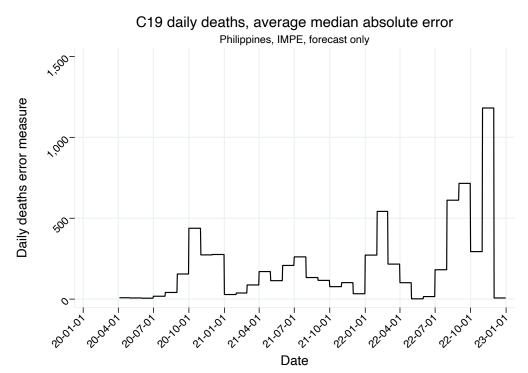
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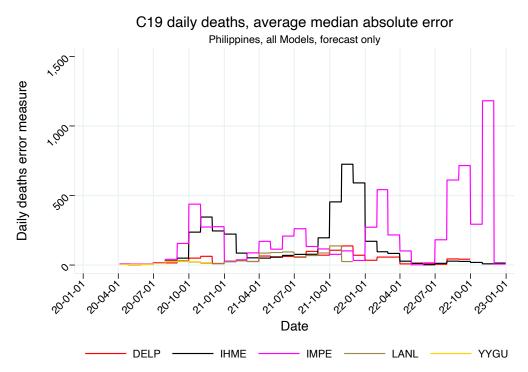
C19 daily deaths, average median absolute error Philippines, DELP, forecast only 160-Daily deaths error measure ,00<sup>-</sup> фpotot pokot potot proof profet proket profet profet pokot profet proof potot

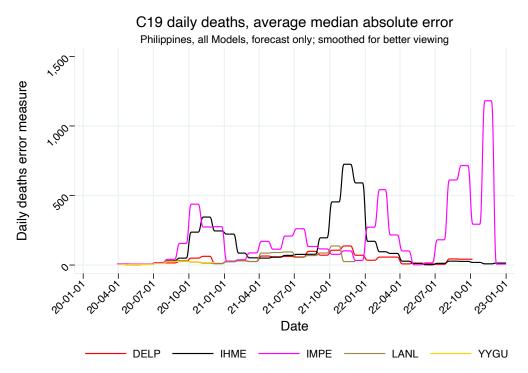
C19 daily deaths, average median absolute error Philippines, IHME, forecast only 800-Daily deaths error measure 600-MO-200pain paka pala proa raia raka rala rica pain paka pala proa pain Date



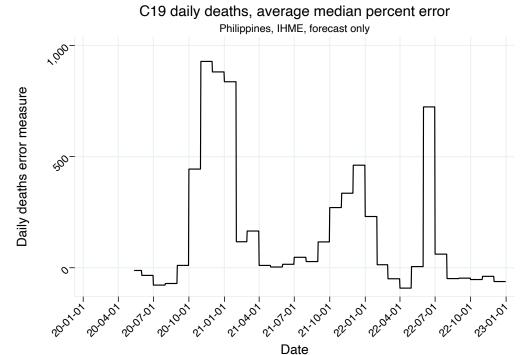
C19 daily deaths, average median absolute error Philippines, LANL, forecast only 160-Daily deaths error measure *~oo-*SO. para paka pala praa rata raka rata riaa pata pata paka pala paka

C19 daily deaths, average median absolute error Philippines, YYGU, forecast only გე<sup>−</sup> Daily deaths error measure 20-**√**5-0 6 potal pokal polal proal ratal rakal ralal ritoal potal pokal polal proal potal Date

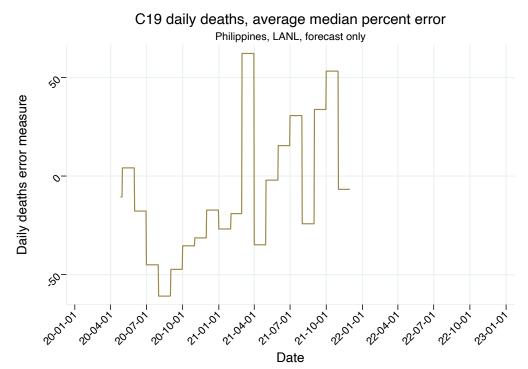


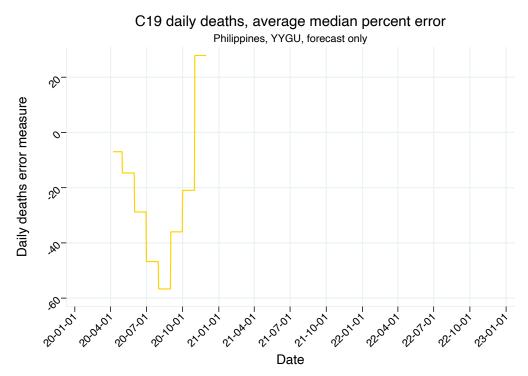


C19 daily deaths, average median percent error Philippines, DELP, forecast only \*000\_ Daily deaths error measure 3000-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal Date

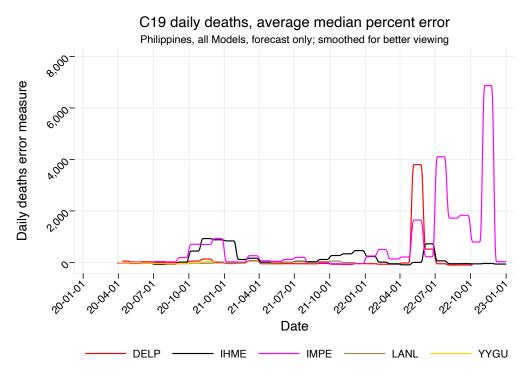


C19 daily deaths, average median percent error Philippines, IMPE, forecast only 8000-Daily deaths error measure °000\_ \*000\_ 0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal Date





## C19 daily deaths, average median percent error Philippines, all Models, forecast only 8000-Daily deaths error measure 000\_ \*000\_ 2000-0-Date **DELP** IHME **IMPE** LANL YYGU

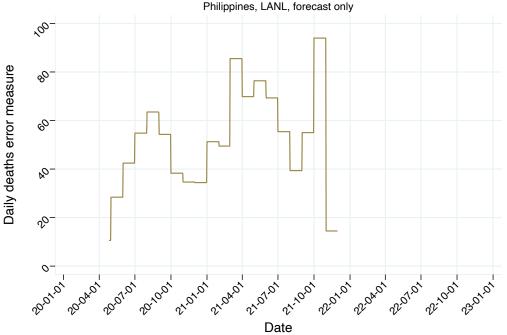


C19 daily deaths, average median absolute percent error Philippines, DELP, forecast only \*000\_ Daily deaths error measure 3000potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal Date

C19 daily deaths, average median absolute percent error Philippines, IHME, forecast only 100-Daily deaths error measure <sub>90</sub>0-60-100. 200-0potat potat potat praat patat patat praat praat patat patat praat patat

C19 daily deaths, average median absolute percent error Philippines, IMPE, forecast only 8000-Daily deaths error measure 000-\*000\_ 2000point pour point prot tare tare train train stare son son son son son

C19 daily deaths, average median absolute percent error



C19 daily deaths, average median absolute percent error Philippines, YYGU, forecast only *©*-Daily deaths error measure S W. potal pokal polal proal ratal rakal ratal rical potal pokal polal proal potal

C19 daily deaths, average median absolute percent error Philippines, all Models, forecast only 8000-Daily deaths error measure 6000-V/00\_ 2000-0potat pouat potat praet Date

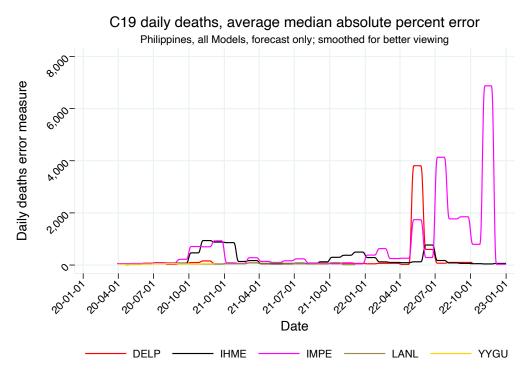
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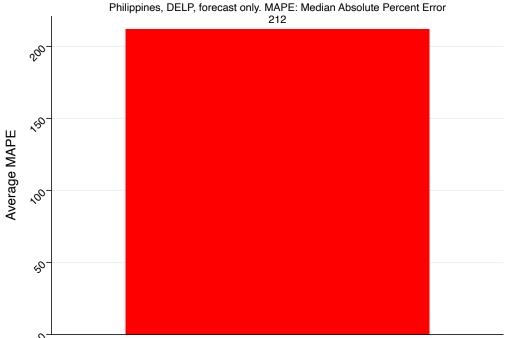
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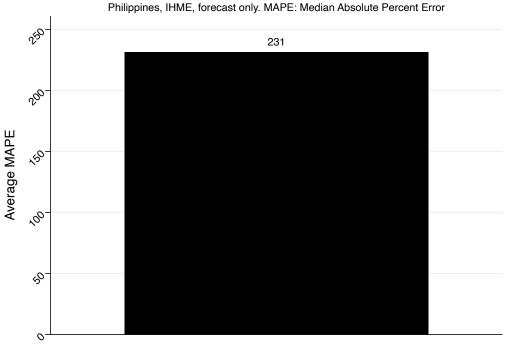
**DELP** 



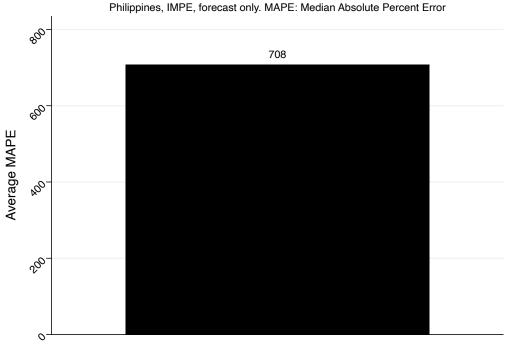
C19 daily deaths average MAPE over updates and calendar months



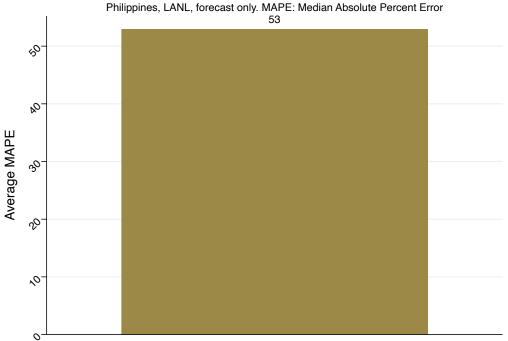
C19 daily deaths average MAPE over updates and calendar months



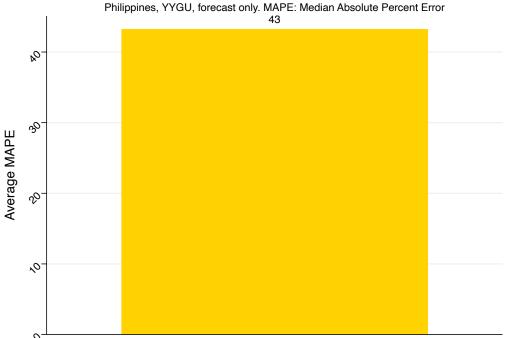
C19 daily deaths average MAPE over updates and calendar months



C19 daily deaths average MAPE over updates and calendar months



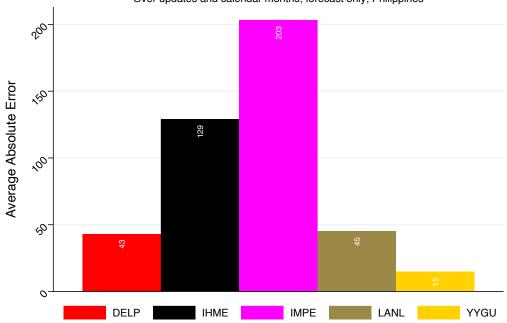
## C19 daily deaths average MAPE over updates and calendar months



# C19 daily deaths average of Mean Error Over updates and calendar months; forecast only; Philippines 180 ,<sub>00</sub>, Average Mean Error 95 SO 0-Šο. **DELP** IHME **IMPE** LANL **YYGU**

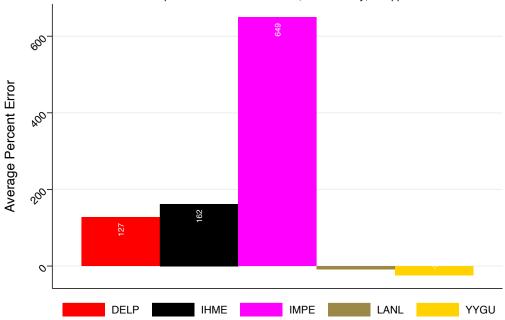
#### C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Philippines



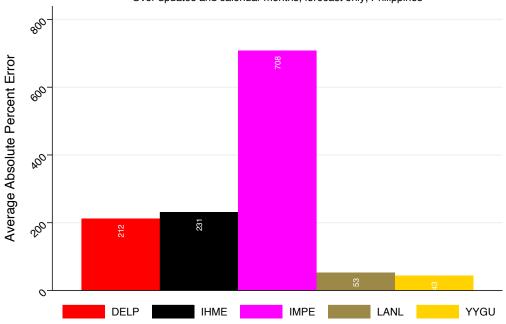
## C19 daily deaths average of Percent Error

Over updates and calendar months; forecast only; Philippines

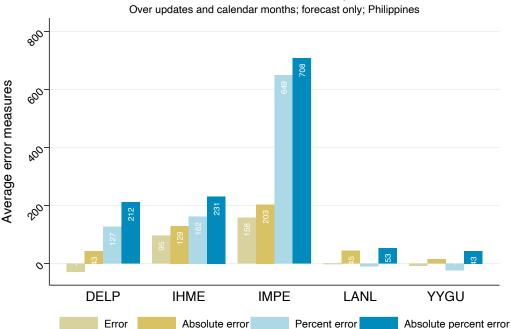


## C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Philippines



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



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

Over updates and calendar months; forecast only; Philippines 800-708 Average error measures 600-MO-231 212 29 0-Percent Error Error Absolute Error Absolute % Error **DELP IHME IMPE** LANL **YYGU**