

Afghanistan, all Models, all updates, forecast only 500-Daily deaths error measure 1,500-100-500-0parat parat parat prant rarat rarat rical garat garat garat Date

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C19 daily deaths error

C19 daily deaths error Afghanistan, DELP, all updates, forecast only 2000-Daily deaths error measure 1,800-100-600-0point pour point product and take tale trace set and sever set at sever set Date

C19 daily deaths error Afghanistan, IHME, all updates, forecast only MO-Daily deaths error measure 300-200-*-00,* 0parai pakai parai praai rakai rakai riaai praai pakai parai parai Date

C19 daily deaths error Afghanistan, IMPE, all updates, forecast only 5000-Daily deaths error measure 1/200-100-500-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal Date

## C19 daily deaths error Afghanistan, LANL, all updates, forecast only *-00,* Daily deaths error measure SO. 0gpatal pakal patal praal patal prakal pratal privat patal prakal patal pracal patal

Date

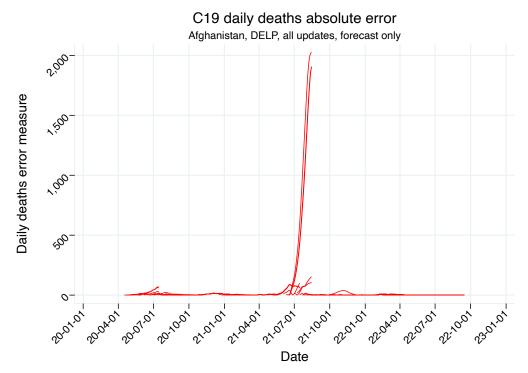
C19 daily deaths absolute error Afghanistan, all Models, all updates, forecast only 2000-Daily deaths error measure 1/200-100-KOD-0-Date

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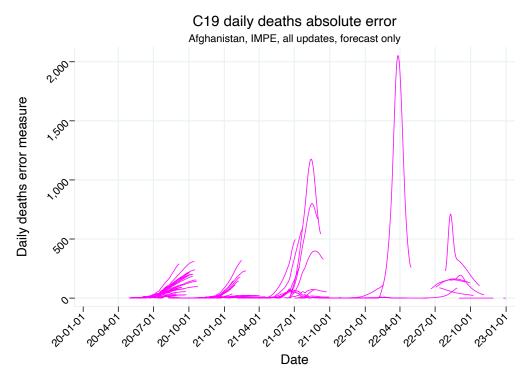
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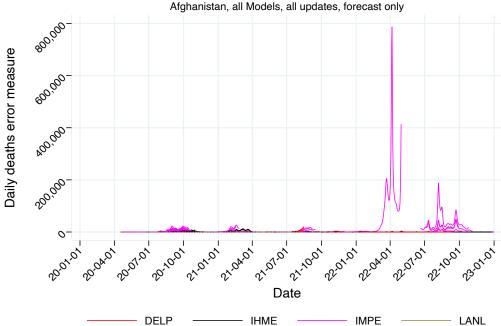


C19 daily deaths absolute error Afghanistan, IHME, all updates, forecast only MO-Daily deaths error measure 300 200-,00<sup>-</sup> 2010 2040 2010 2010 21010 21040 21010 2100 22010 22010 22010 22010 Date



C19 daily deaths absolute error Afghanistan, LANL, all updates, forecast only 80-Daily deaths error measure 9 W. 2 2001 al 2004 al 2010 al 2010 al 21010 al 21010 al 2101 Date

### C19 daily deaths percent error

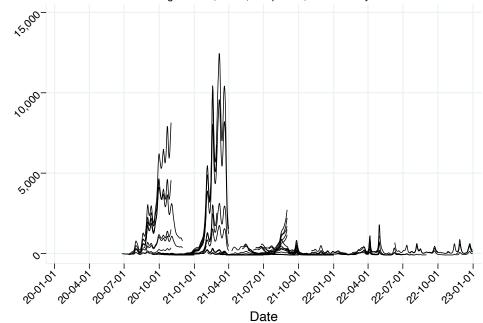


C19 daily deaths percent error Afghanistan, DELP, all updates, forecast only 50000-Daily deaths error measure 12,000-8000-0pain para pain prai trata tara trata trata

Date

#### C19 daily deaths percent error

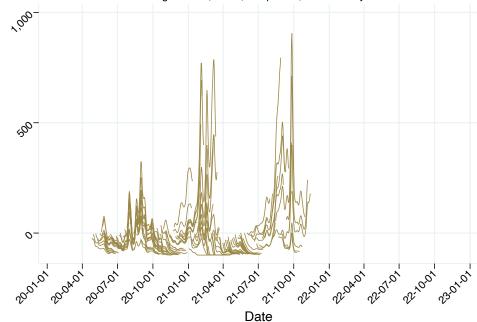
Afghanistan, IHME, all updates, forecast only

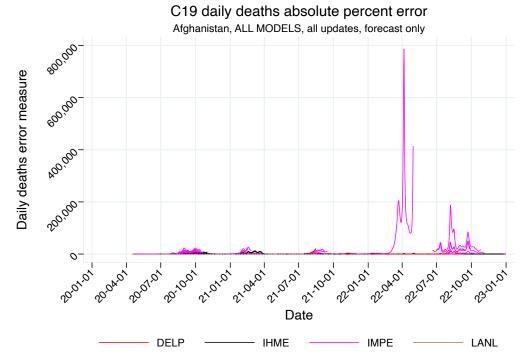


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Date

Daily deaths error measure

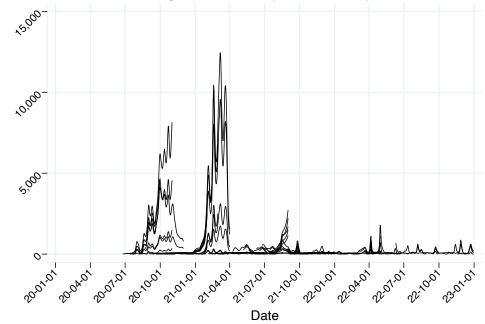




C19 daily deaths absolute percent error Afghanistan, DELP, all updates, forecast only 50,000 Daily deaths error measure 12000-2000pain para pain prai trata tara trata Date

### C19 daily deaths absolute percent error

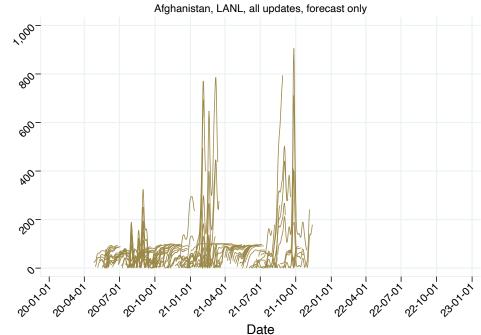
Afghanistan, IHME, all updates, forecast only



# C19 daily deaths absolute percent error Afghanistan, IMPE, all updates, forecast only 80000 Daily deaths error measure

Date

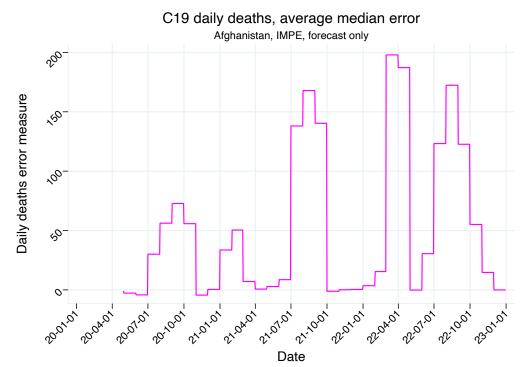
### C19 daily deaths absolute percent error

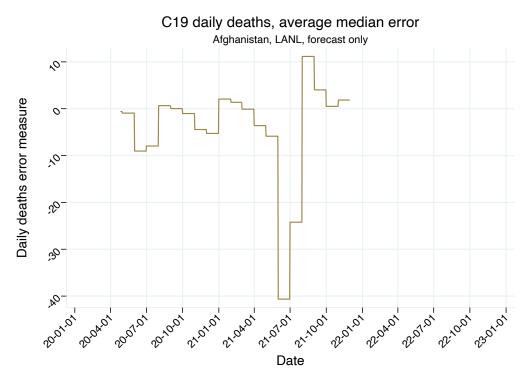


Daily deaths error measure

### C19 daily deaths, average median error Afghanistan, DELP, forecast only 600-MO-Daily deaths error measure 300 200-,00<sup>-</sup> 0potot pokot potot proof potot potot potot potot potot potot potot potot Date

C19 daily deaths, average median error Afghanistan, IHME, forecast only <sub>2</sub>О-Daily deaths error measure ფ-P-0-0potot pokot polot proof rotat rokat rolat ricat potot pokot polot proof potot Date





C19 daily deaths, average median error Afghanistan, all Models, forecast only 600-Daily deaths error measure MO-30°-200-,oo-0parat pakat palat praat pakat palat praat pakat pakat palat praata Date

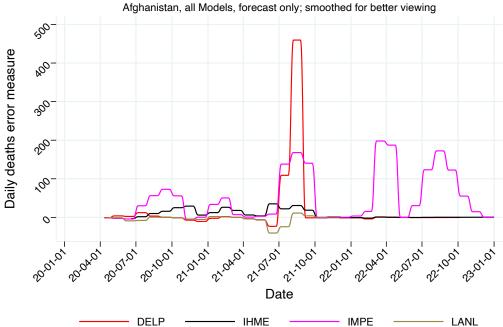
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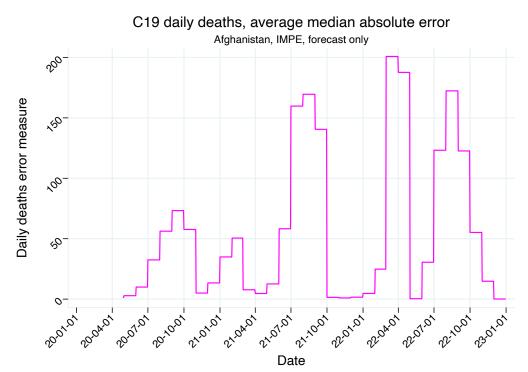
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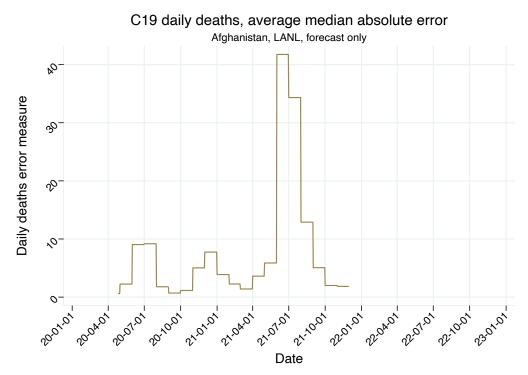
### C19 daily deaths, average median error



C19 daily deaths, average median absolute error Afghanistan, DELP, forecast only 600-MO-Daily deaths error measure 300-200-,00<sup>-</sup> pain paka pala proa raia raka raia rraa pain paka pala proa paia Date

C19 daily deaths, average median absolute error Afghanistan, IHME, forecast only ,00-Daily deaths error measure <sub>о</sub>-0 -04 20para paka pala praa rata rata rata riaa pata pata pata pata Date





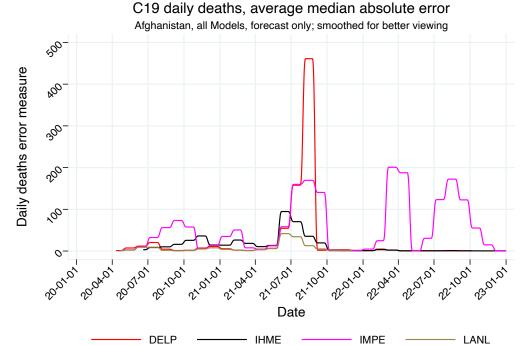
C19 daily deaths, average median absolute error Afghanistan, all Models, forecast only 600-Daily deaths error measure MO-300-200-*~oo-*0paral paral paral propries propries paral paral propries paral propries Date

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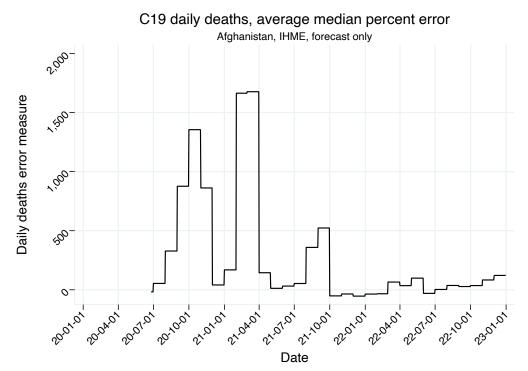
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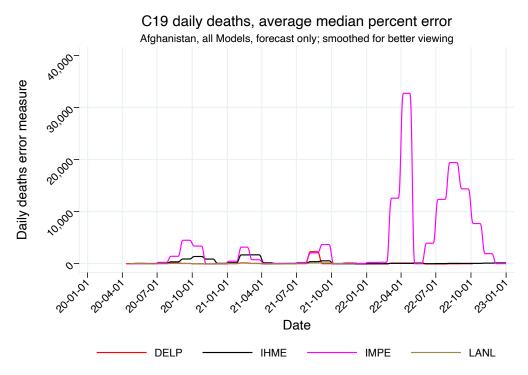
# C19 daily deaths, average median percent error Afghanistan, DELP, forecast only 2,500-Daily deaths error measure 400-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal Date



C19 daily deaths, average median percent error Afghanistan, IMPE, forecast only \*0000-Daily deaths error measure 30,00\_ 10/00\_ Date

C19 daily deaths, average median percent error Afghanistan, LANL, forecast only 160-Daily deaths error measure 0, SO-0δo. 200 and 200 an

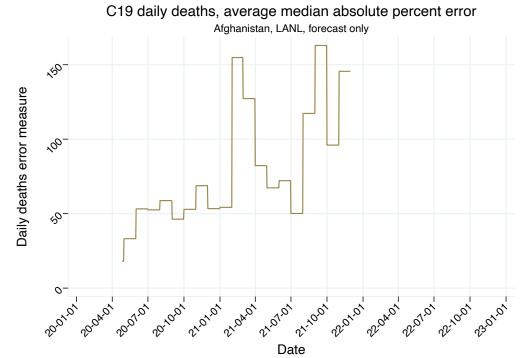
C19 daily deaths, average median percent error Afghanistan, all Models, forecast only \*0000-Daily deaths error measure 30,00-Date **DELP** IHME **IMPE** LANL



C19 daily deaths, average median absolute percent error Afghanistan, DELP, forecast only 2,500-2000-Daily deaths error measure 1,500-100ф0-0-

C19 daily deaths, average median absolute percent error Afghanistan, IHME, forecast only 2000-Daily deaths error measure 1,800-100-600potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal

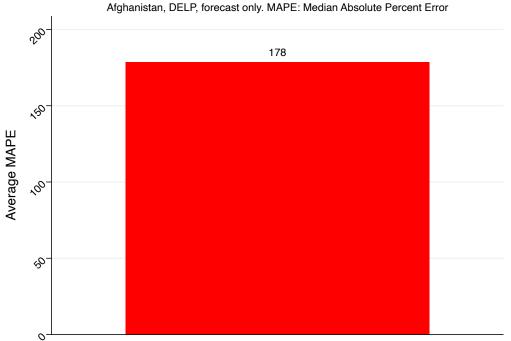
C19 daily deaths, average median absolute percent error Afghanistan, IMPE, forecast only \*0'00-Daily deaths error measure 30,00-



C19 daily deaths, average median absolute percent error Afghanistan, all Models, forecast only \*0000-Daily deaths error measure 0-Date **DELP** IHME **IMPE** LANL

C19 daily deaths, average median absolute percent error Afghanistan, all Models, forecast only; smoothed for better viewing \*0000\_ Daily deaths error measure 0-Date **DELP** IHME **IMPE** LANL

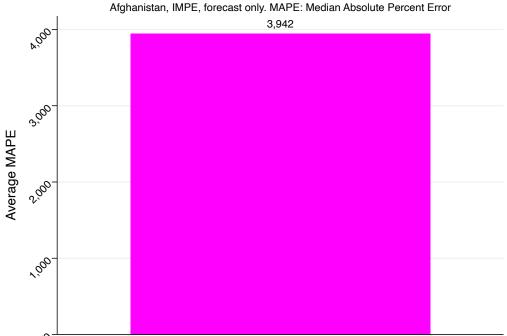
C19 daily deaths average MAPE over updates and calendar months



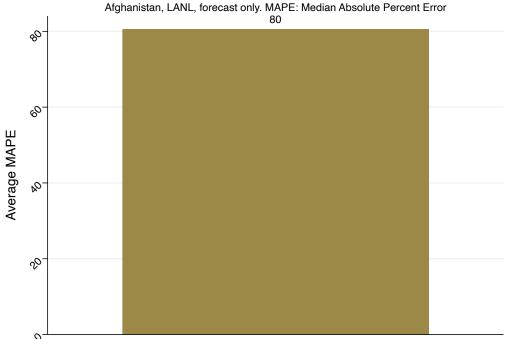
C19 daily deaths average MAPE over updates and calendar months Afghanistan, IHME, forecast only. MAPE: Median Absolute Percent Error MOD-337 -00<sub>0</sub> 200-0

Average MAPE

C19 daily deaths average MAPE over updates and calendar months



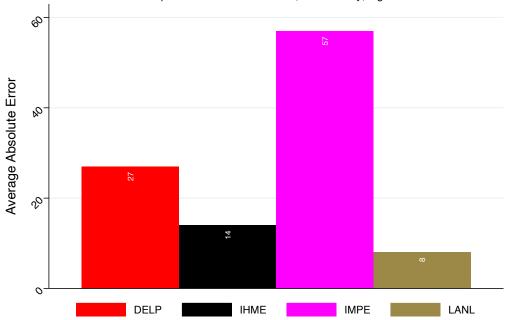
C19 daily deaths average MAPE over updates and calendar months



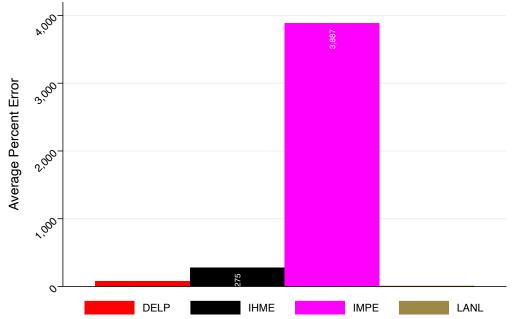
## C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Afghanistan SO. 0 Average Mean Error 30-S. 0, 8 0-**DELP IHME IMPE** LANL

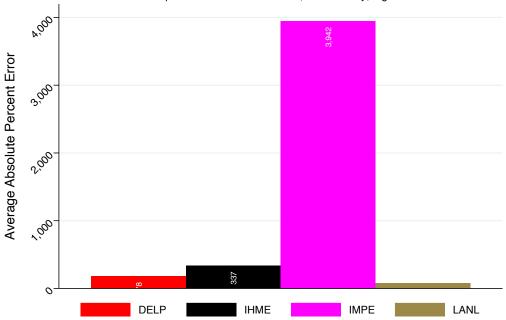
C19 daily deaths average of Absolute Error



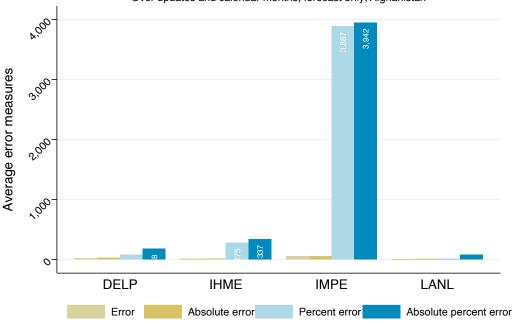
## C19 daily deaths average of Percent Error



#### 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

