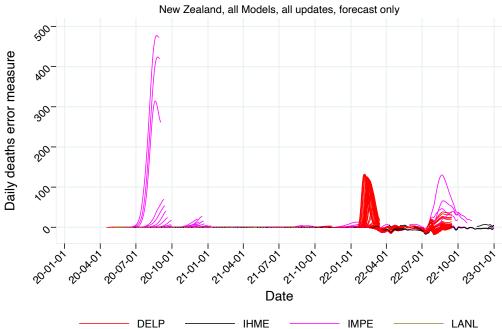


### C19 daily deaths error

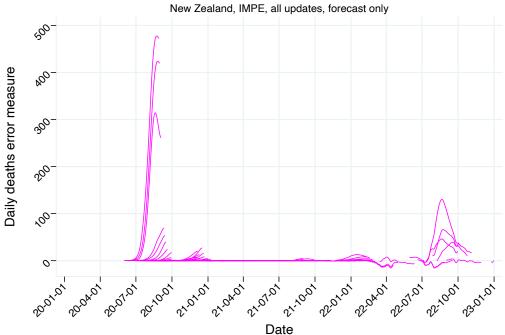


C19 daily deaths error New Zealand, DELP, all updates, forecast only 160-Daily deaths error measure ,oo-%-0-2001 and 2011 and 201

Date

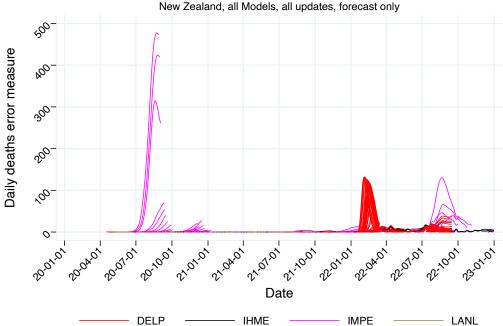
C19 daily deaths error New Zealand, IHME, all updates, forecast only ъ-Daily deaths error measure ~0-0-<u>,0</u>parat pakat palat pripat prakat pakat prakat Date

#### C19 daily deaths error



C19 daily deaths error New Zealand, LANL, all updates, forecast only 0-Daily deaths error measure 0-2 Ω, ゝ potal potal palal proal ratal ratal real ratal real ratal real ratal Date

### C19 daily deaths absolute error

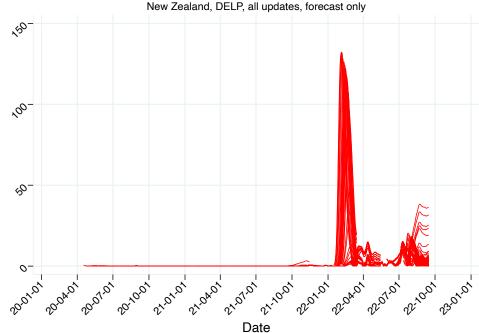


IHME

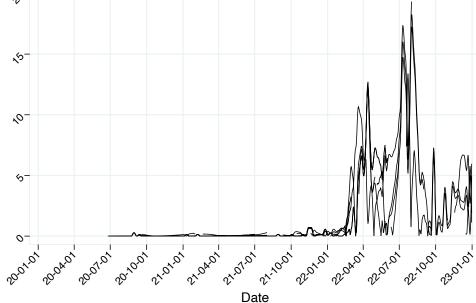
**IMPE** 

### C19 daily deaths absolute error

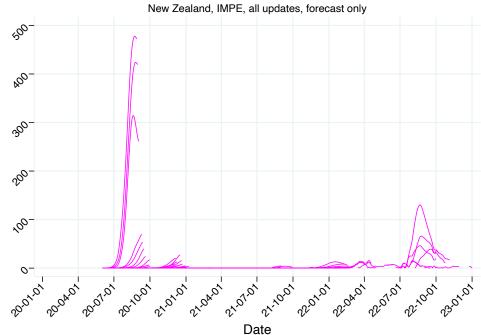
Daily deaths error measure



## C19 daily deaths absolute error New Zealand, IHME, all updates, forecast only P-Daily deaths error measure **√**%−



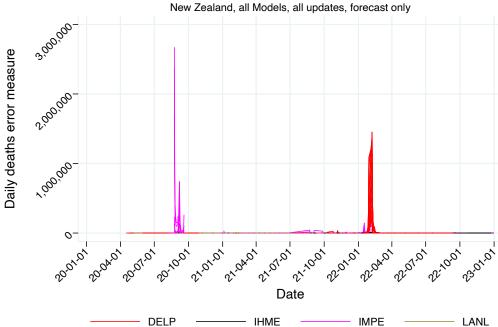
### C19 daily deaths absolute error

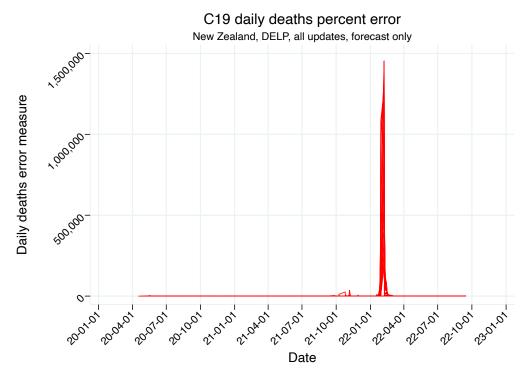


Daily deaths error measure

C19 daily deaths absolute error New Zealand, LANL, all updates, forecast only Daily deaths error measure 0-0-0-Date

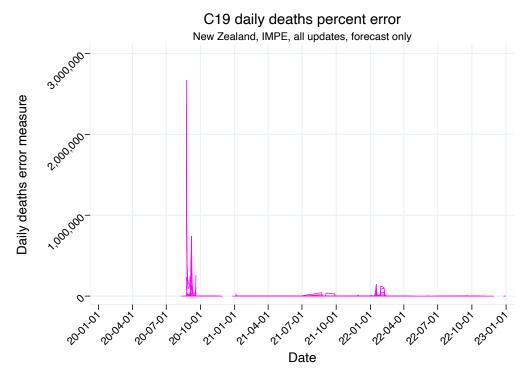
### C19 daily deaths percent error



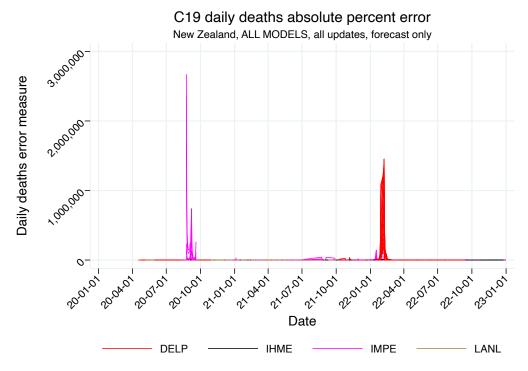


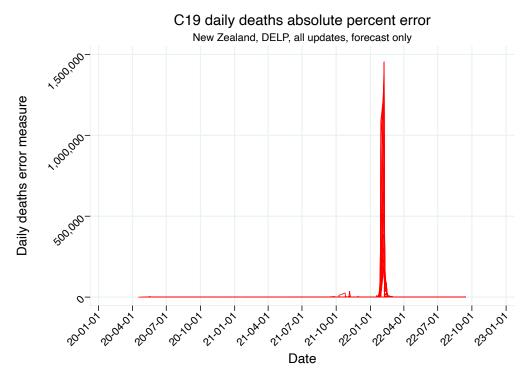
### C19 daily deaths percent error New Zealand, IHME, all updates, forecast only 8000-Daily deaths error measure 000-\*000\_ 0-

Date



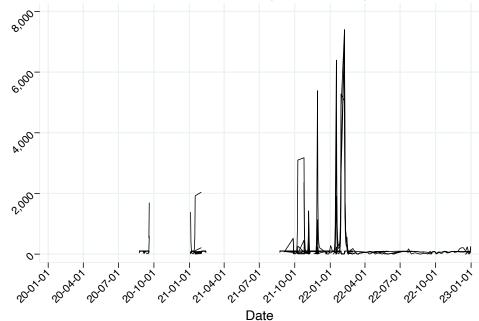
C19 daily deaths percent error New Zealand, LANL, all updates, forecast only Daily deaths error measure 0-Date





## C19 daily deaths absolute percent error New Zealand, IHME, all updates, forecast only

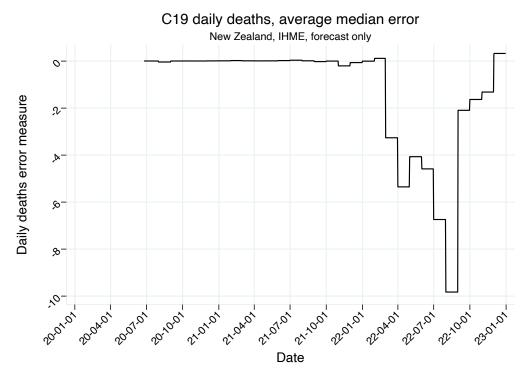
Daily deaths error measure



# C19 daily deaths absolute percent error New Zealand, IMPE, all updates, forecast only 300000-Daily deaths error measure Date

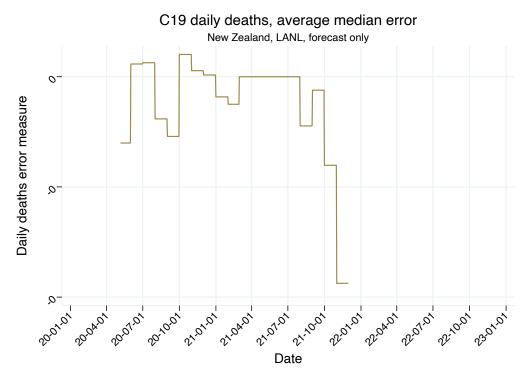
# C19 daily deaths absolute percent error New Zealand, LANL, all updates, forecast only Daily deaths error measure ф0-Date

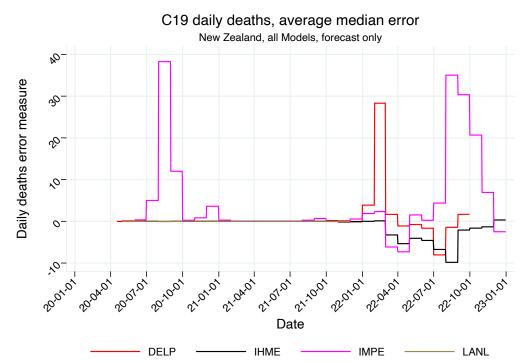
C19 daily deaths, average median error New Zealand, DELP, forecast only യ-Daily deaths error measure 20-0-0patal pakal pala pripal pratal pakal pala pripal pakal pala pratal Date



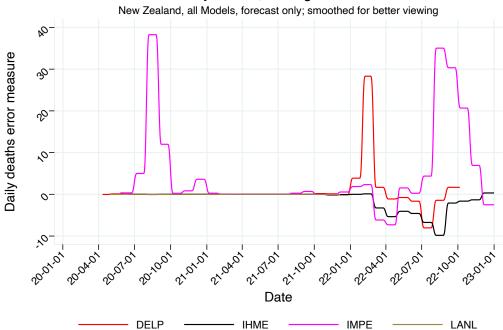
C19 daily deaths, average median error New Zealand, IMPE, forecast only -04 Daily deaths error measure გ0⁻ P 0 0-

Date





### C19 daily deaths, average median error



C19 daily deaths, average median absolute error New Zealand, DELP, forecast only എ-Daily deaths error measure P-~0-Date

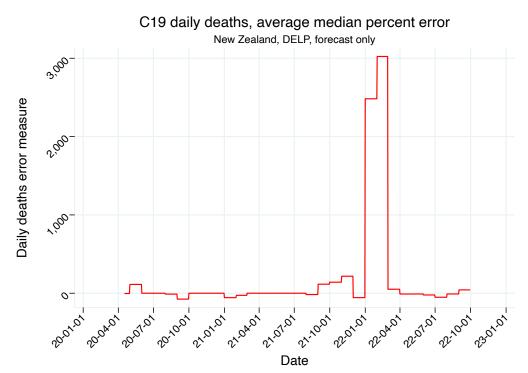
C19 daily deaths, average median absolute error New Zealand, IHME, forecast only **~**0-Daily deaths error measure გ-6-**N**-2-Date

C19 daily deaths, average median absolute error New Zealand, IMPE, forecast only -0<sub>4</sub> Daily deaths error measure B S. 20-Date

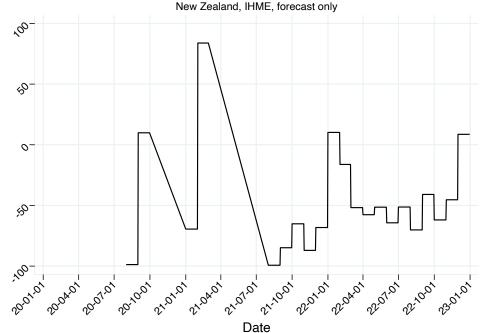
### C19 daily deaths, average median absolute error New Zealand, LANL, forecast only 0-Daily deaths error measure 0-0-0-0-0-Date

C19 daily deaths, average median absolute error New Zealand, all Models, forecast only -Q<sub>4</sub> Daily deaths error measure 30-P-0-2010 2040 2010 2010 21010 21040 21010 2100 22010 22010 22010 22010 Date **DELP** IHME **IMPE** LANL

C19 daily deaths, average median absolute error New Zealand, all Models, forecast only; smoothed for better viewing -Q<sub>4</sub> Daily deaths error measure 30-20-0potat pakat patat propi Date **DELP** IHME **IMPE** LANL



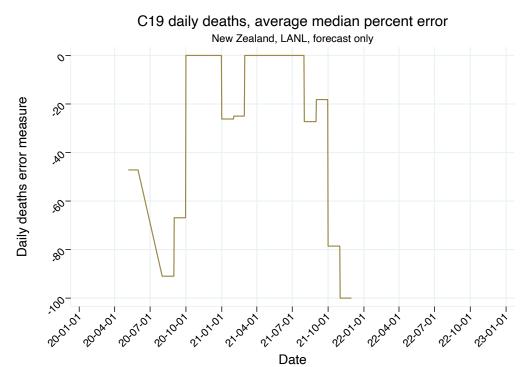
C19 daily deaths, average median percent error



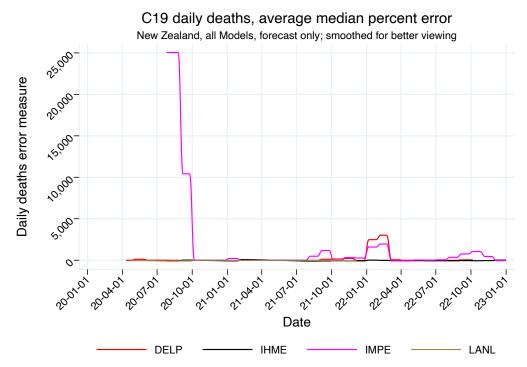
Daily deaths error measure

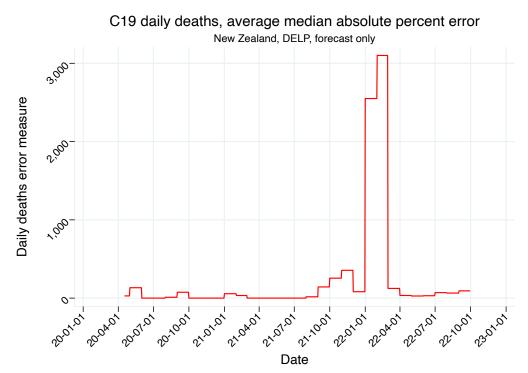
C19 daily deaths, average median percent error New Zealand, IMPE, forecast only 50,00 Daily deaths error measure 12,000-10'00\_ 2000-

Date



# C19 daily deaths, average median percent error New Zealand, all Models, forecast only 55,00 20,000-Daily deaths error measure 12000-10000\_ 2000-0-Date **DELP** IHME **IMPE** LANL





C19 daily deaths, average median absolute percent error New Zealand, IHME, forecast only 150-Daily deaths error measure 200-100 ,00<sup>-</sup>

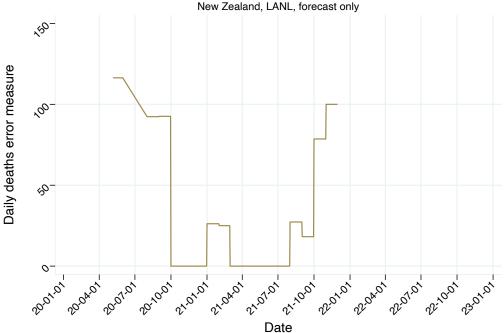
Date

200 10 200 2010 2010 21010 21010 21010 2101 2100 2010 2010 2010 2010 2010 2010

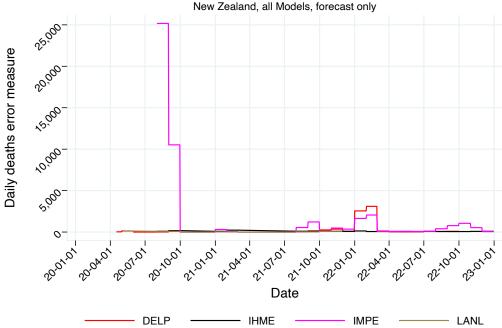
C19 daily deaths, average median absolute percent error New Zealand, IMPE, forecast only 55,000-50000-Daily deaths error measure 12,000-10000-2000-

Date

C19 daily deaths, average median absolute percent error



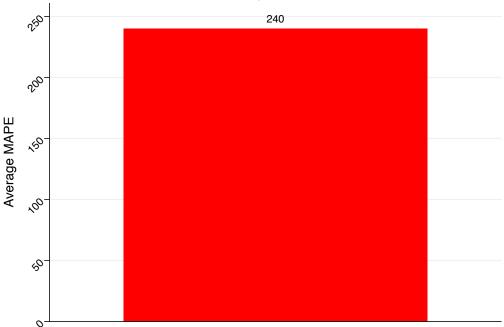
### C19 daily deaths, average median absolute percent error



# C19 daily deaths, average median absolute percent error New Zealand, all Models, forecast only; smoothed for better viewing 52000-Daily deaths error measure 2000-0-Date **DELP** IHME **IMPE** LANL

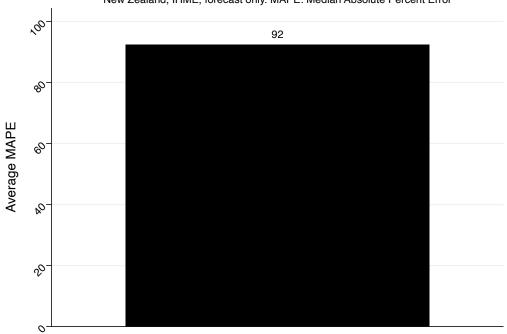
C19 daily deaths average MAPE over updates and calendar months

New Zealand, DELP, forecast only. MAPE: Median Absolute Percent Error



C19 daily deaths average MAPE over updates and calendar months

New Zealand, IHME, forecast only. MAPE: Median Absolute Percent Error



# C19 daily deaths average MAPE over updates and calendar months

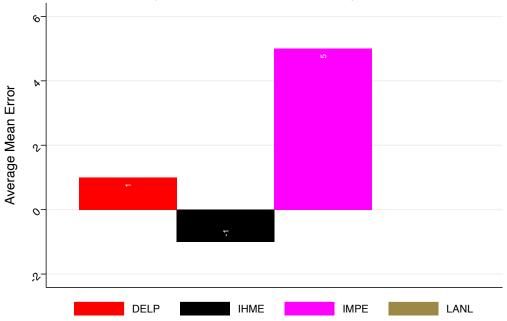


C19 daily deaths average MAPE over updates and calendar months New Zealand, LANL, forecast only. MAPE: Median Absolute Percent Error 04 33 30. 20-0.

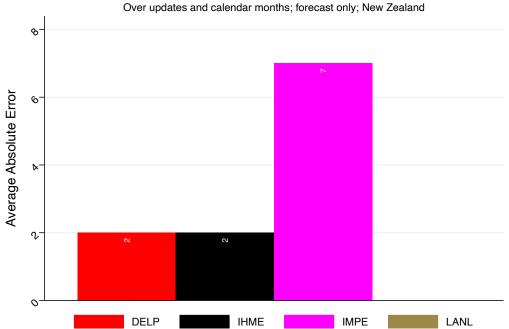
Average MAPE

#### C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; New Zealand

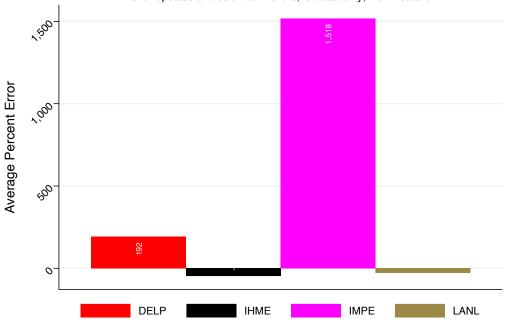


#### C19 daily deaths average of Absolute Error



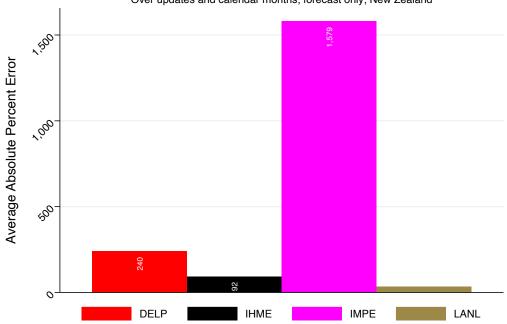
#### C19 daily deaths average of Percent Error

Over updates and calendar months; forecast only; New Zealand



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

Over updates and calendar months; forecast only; New Zealand



# C19 daily deaths, models across average error measures Over updates and calendar months; forecast only; New Zealand **DELP** IHME **IMPE** LANL

Percent error

Absolute percent error

Average error measures

100-

600-

0-

Error

Absolute error

