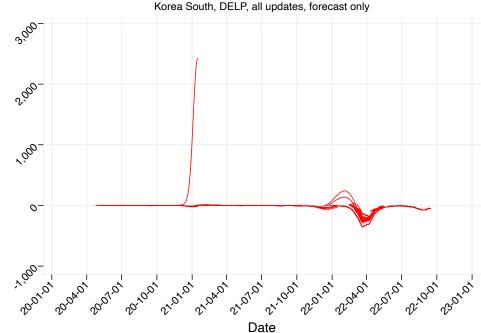


C19 daily deaths error Korea South, all Models, all updates, forecast only 2000-Daily deaths error measure Y000-3000-5000-1000-0parat parat parat prant rarat rarat rical garat garat garat



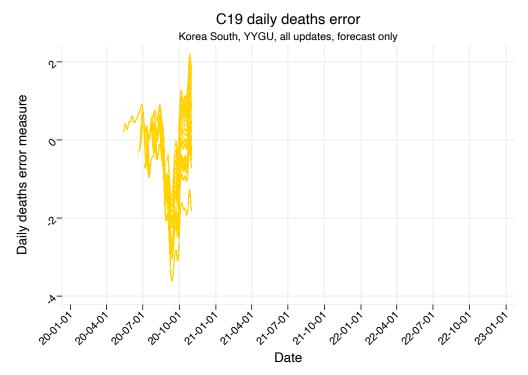
C19 daily deaths error



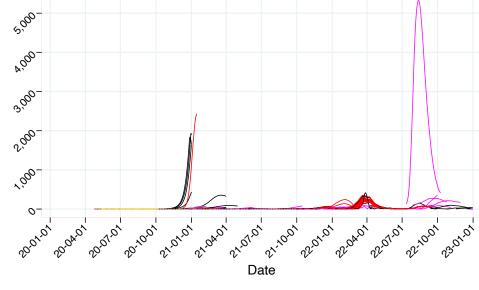
C19 daily deaths error Korea South, IHME, all updates, forecast only 2000-1,500-Daily deaths error measure 100-400-0pakat patat praat pratat pratat pratat pratat pakat pakat patat pratat

C19 daily deaths error Korea South, IMPE, all updates, forecast only 2000-Daily deaths error measure Y000\_ 3000-500-100-0potat potat potat proat patat potat Date

C19 daily deaths error Korea South, LANL, all updates, forecast only 60-Daily deaths error measure 0 20 0-Date



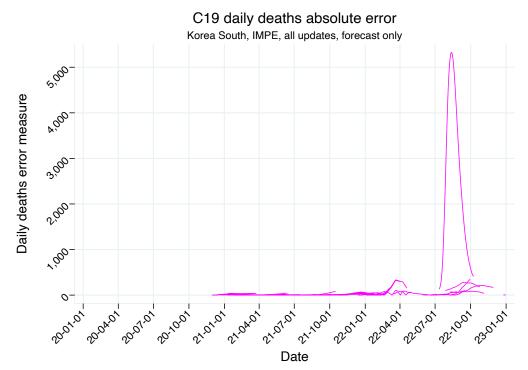
C19 daily deaths absolute error Korea South, all Models, all updates, forecast only 5,00-Daily deaths error measure



**DELP** IHME **IMPE** LANL YYGU

## C19 daily deaths absolute error Korea South, DELP, all updates, forecast only 5,500-Daily deaths error measure 1,500-100ф0-0-

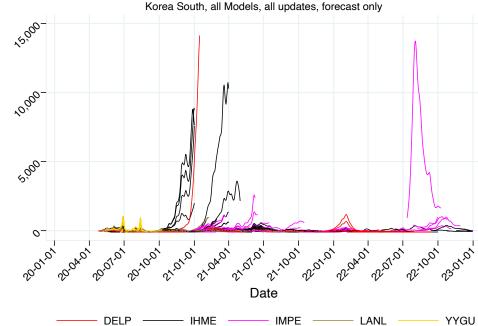
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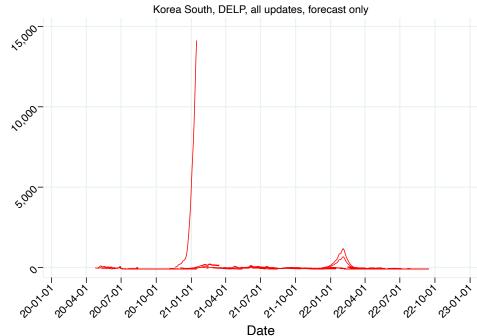
C19 daily deaths absolute error Korea South, LANL, all updates, forecast only <sub>-</sub>о Daily deaths error measure 60. 9 S. Date

C19 daily deaths absolute error Korea South, YYGU, all updates, forecast only ▶-Daily deaths error measure ന-2 pain paka palai prian rain rakai rian rian pain pakai pakai palai prian

## C19 daily deaths percent error

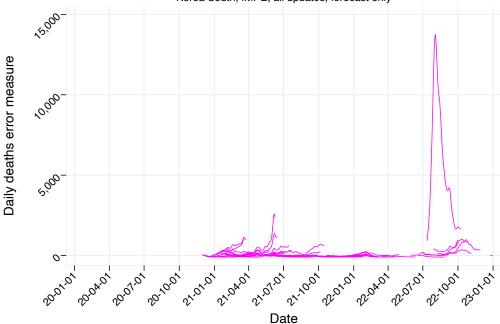


## C19 daily deaths percent error

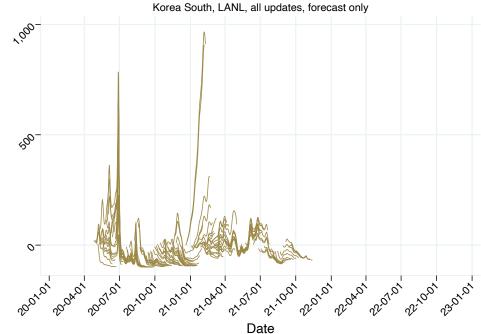


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C19 daily deaths percent error

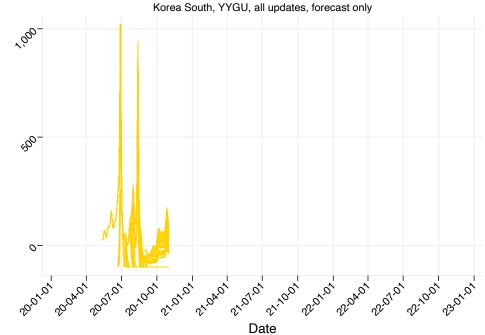


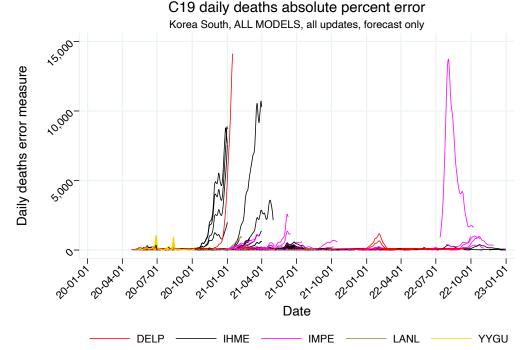
### C19 daily deaths percent error



Daily deaths error measure

#### C19 daily deaths percent error





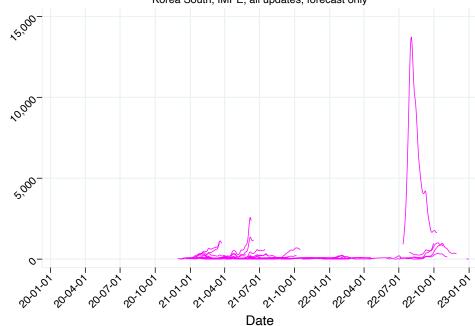
# C19 daily deaths absolute percent error Korea South, DELP, all updates, forecast only Daily deaths error measure

Date

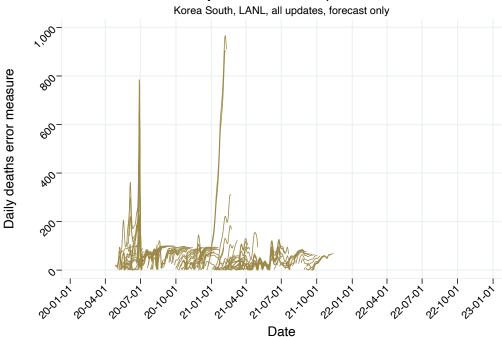
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Korea South, IHME, all updates, forecast only 10000-Daily deaths error measure 8000-\*000\_ 2000-0-

C19 daily deaths absolute percent error

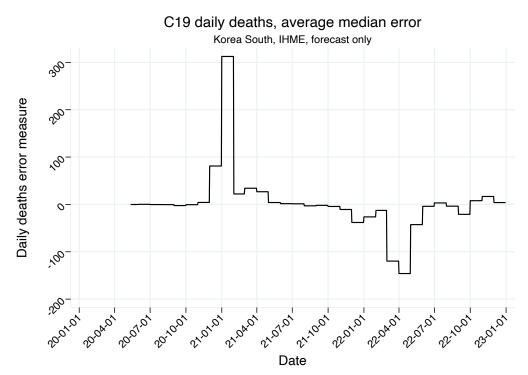


#### C19 daily deaths absolute percent error



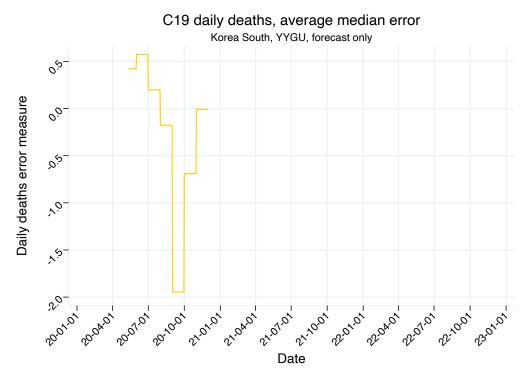
C19 daily deaths absolute percent error Korea South, YYGU, all updates, forecast only Daily deaths error measure 800-600-ON. 200poi al pokal polal priori grakal grakal grakal grakal grakal grakal grakal grakal

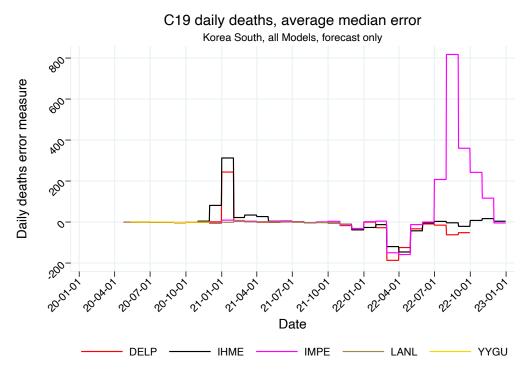
C19 daily deaths, average median error Korea South, DELP, forecast only 300<sup>-</sup> 200-Daily deaths error measure ,00<sup>-</sup> 0-,00-200 - 200 and 200 and 2010 and

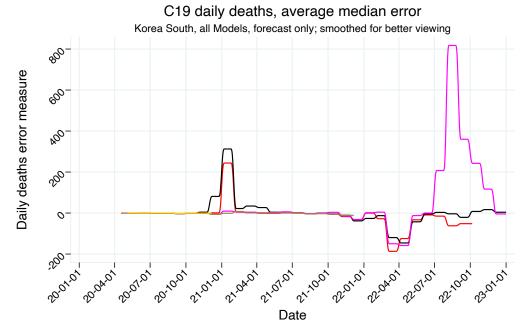


C19 daily deaths, average median error Korea South, IMPE, forecast only 800-Daily deaths error measure 600-200 200-0-Date

C19 daily deaths, average median error Korea South, LANL, forecast only ~0-Daily deaths error measure **%**⁻ 0-**%**para paka pala praa raia raka raia riaa para paka pala praa pala Date







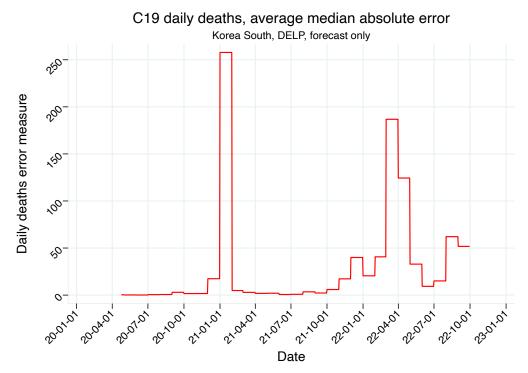
IHME

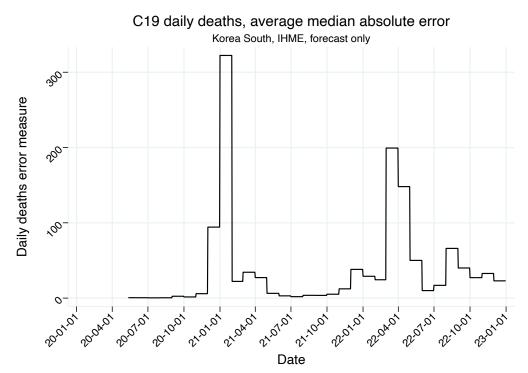
**IMPE** 

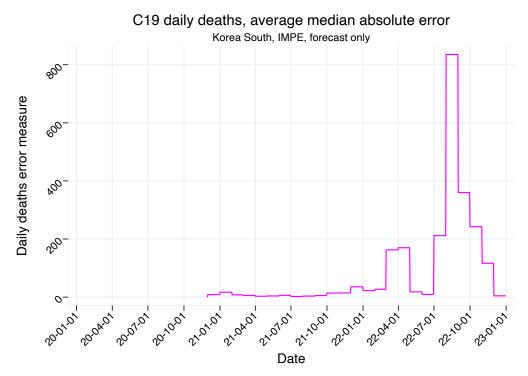
LANL

YYGU

**DELP** 



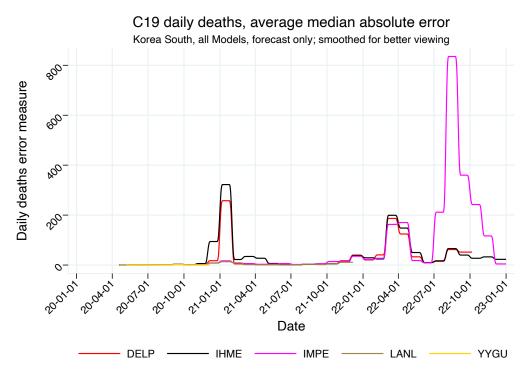


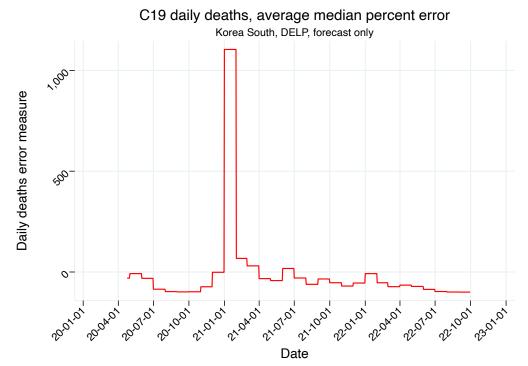


C19 daily deaths, average median absolute error Korea South, LANL, forecast only **√**5− Daily deaths error measure 0-**%**⁻ parat pakat palat pripat prakat palat pripat parat patat patat prakat patat

C19 daily deaths, average median absolute error Korea South, YYGU, forecast only 50-Daily deaths error measure ٧٠, ئې\_ 10-0;<sub>2</sub>\_ gata' gaka' gala' ga'aa' gaka' gala' ga'aa' ga'a' ga'a' ga'a' ga'a'

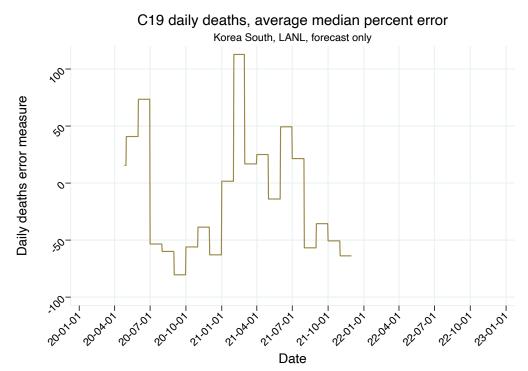
C19 daily deaths, average median absolute error Korea South, all Models, forecast only 800-Daily deaths error measure 600-MO-200-0-Date **DELP** IHME **IMPE** LANL YYGU

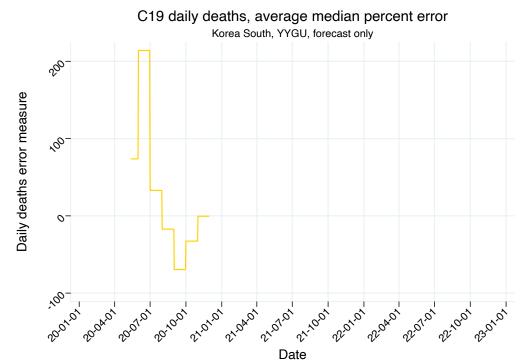


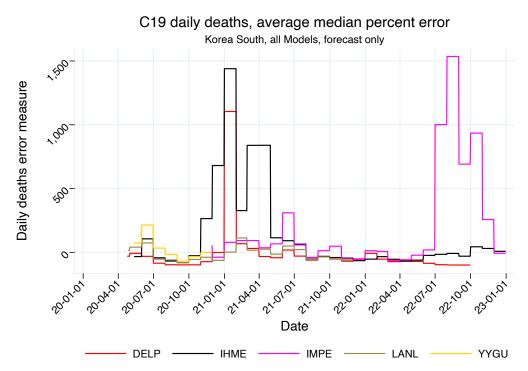


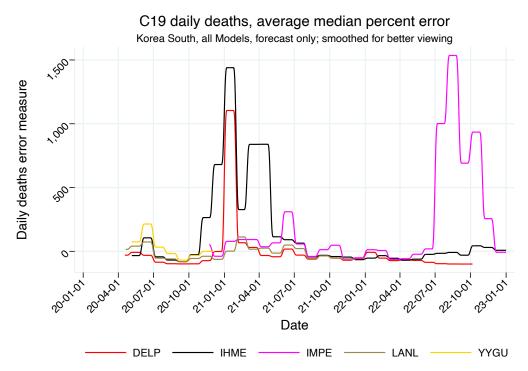
# C19 daily deaths, average median percent error Korea South, IHME, forecast only 1,500-Daily deaths error measure 100-400-0point pour point prot tare tare train train stare son son son son son

C19 daily deaths, average median percent error Korea South, IMPE, forecast only 1/200-Daily deaths error measure ф0-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal



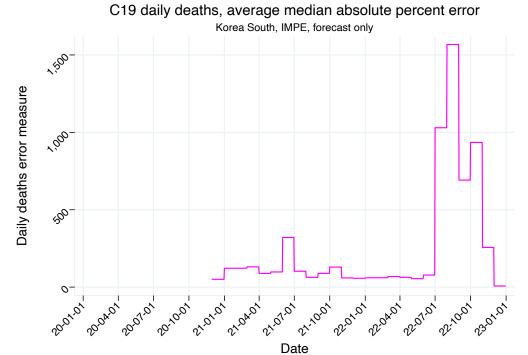


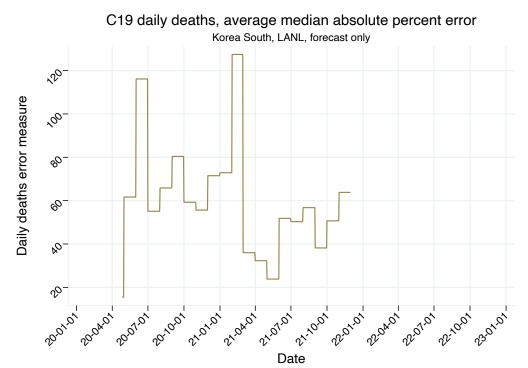




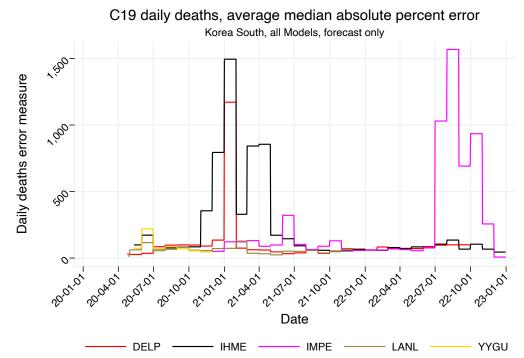
C19 daily deaths, average median absolute percent error Korea South, DELP, forecast only 1,500-Daily deaths error measure 100-600-

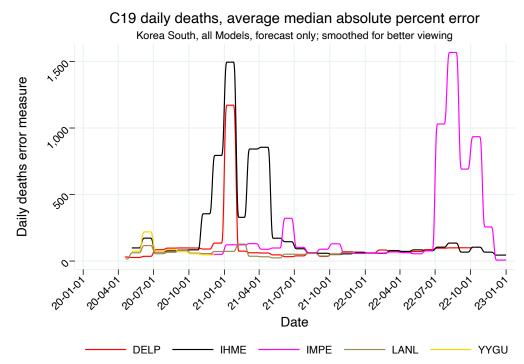
C19 daily deaths, average median absolute percent error Korea South, IHME, forecast only 1,500-Daily deaths error measure 100-600potat potat potat praat patat patat praat praat patat patat praat patat



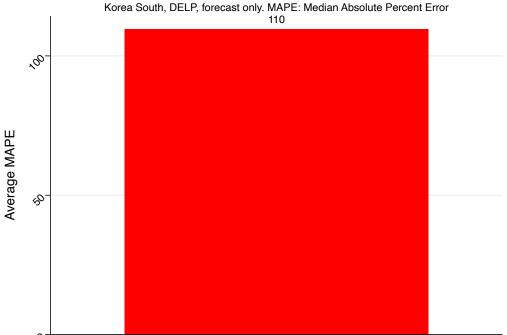


C19 daily deaths, average median absolute percent error Korea South, YYGU, forecast only Daily deaths error measure 160-,00<sup>-</sup> 



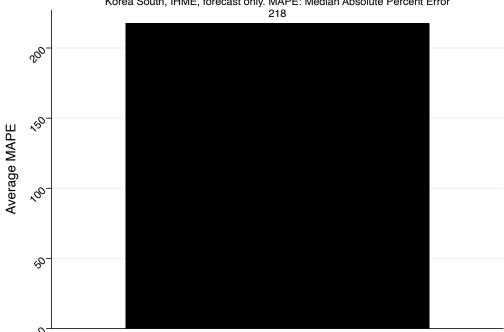


C19 daily deaths average MAPE over updates and calendar months

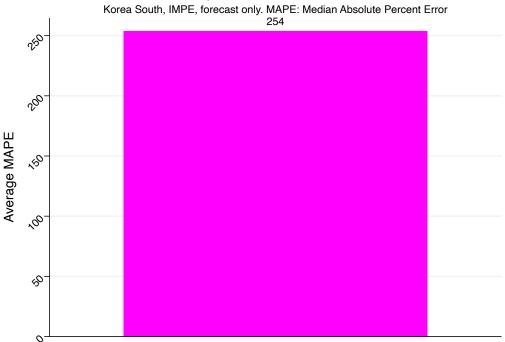


C19 daily deaths average MAPE over updates and calendar months

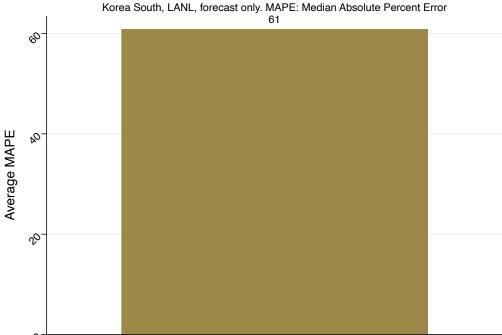
Korea South, IHME, forecast only. MAPE: Median Absolute Percent Error



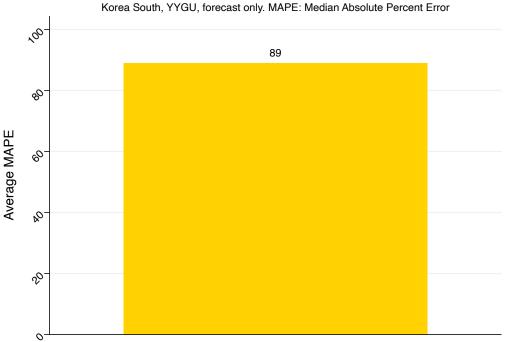
C19 daily deaths average MAPE over updates and calendar months



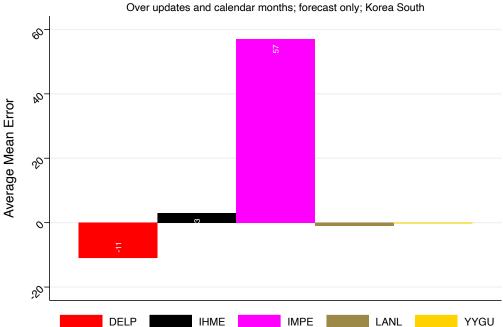
# C19 daily deaths average MAPE over updates and calendar months



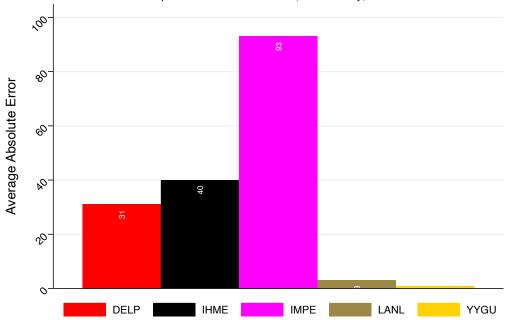
C19 daily deaths average MAPE over updates and calendar months



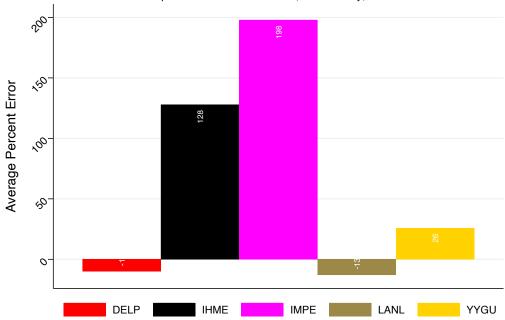
# C19 daily deaths average of Mean Error



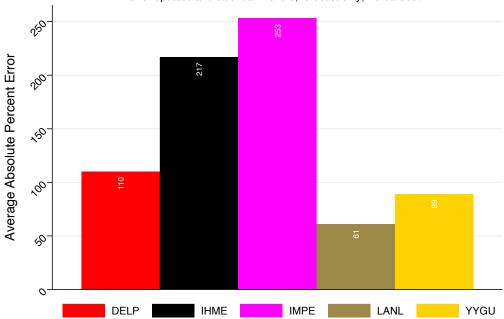
## C19 daily deaths average of Absolute Error



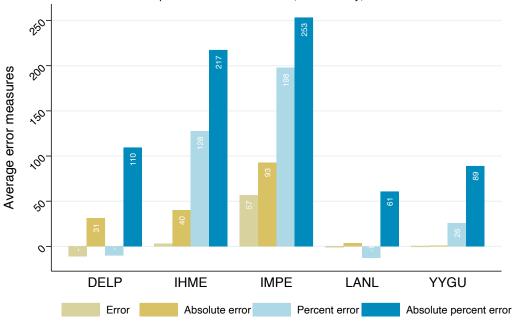
### C19 daily deaths average of Percent Error



#### 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

