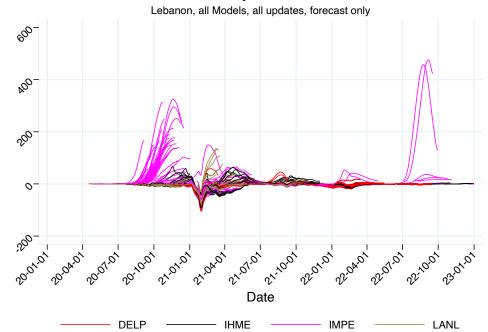
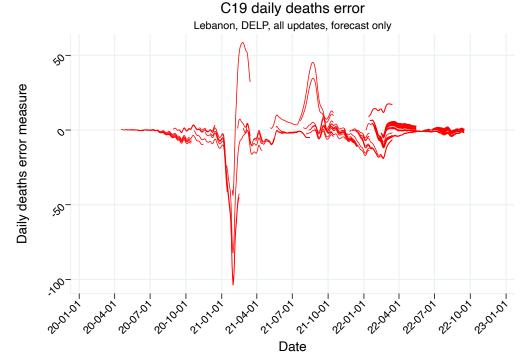
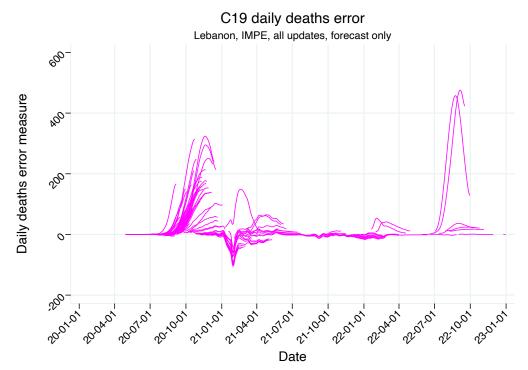


#### C19 daily deaths error





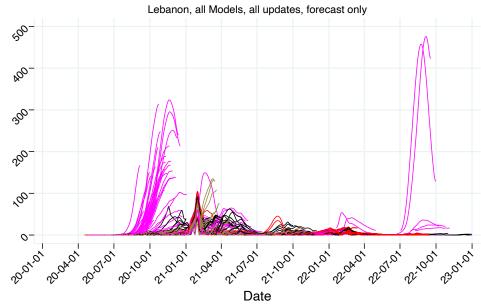
C19 daily deaths error Lebanon, IHME, all updates, forecast only *-00,* Daily deaths error measure ζO-0-%⁻ patai pakai patai paraai pakai pakai patai pakai pakai patai peraai



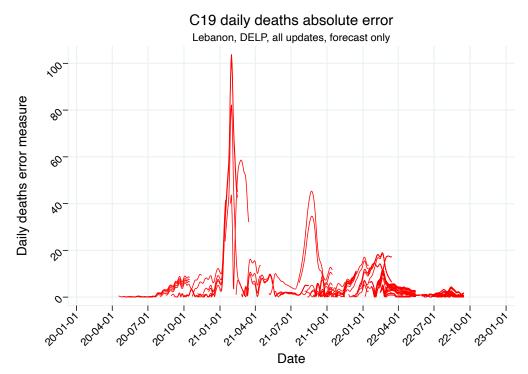
# C19 daily deaths error Lebanon, LANL, all updates, forecast only 180-Daily deaths error measure 0, SO-0. δo. patal pakal patal praal patal prakal pratal privat patal prakal patal pracal patal Date



#### C19 daily deaths absolute error



——— DELP ——— IHME ———— IMPE ———— LANL



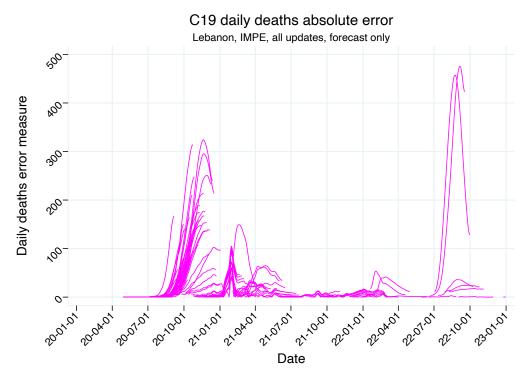
# Lebanon, IHME, all updates, forecast only ,00<sup>-</sup> Daily deaths error measure go-60--04 20-

0-

Date

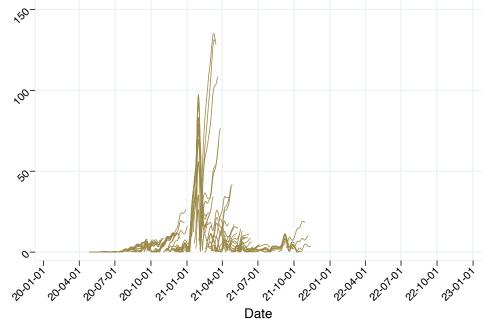
point pokot polici pricat print prakot print pricat point prakot princi production

C19 daily deaths absolute error

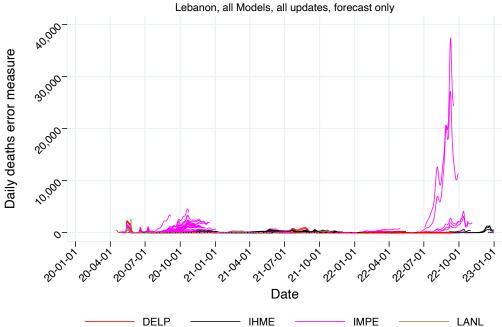


#### C19 daily deaths absolute error

Lebanon, LANL, all updates, forecast only



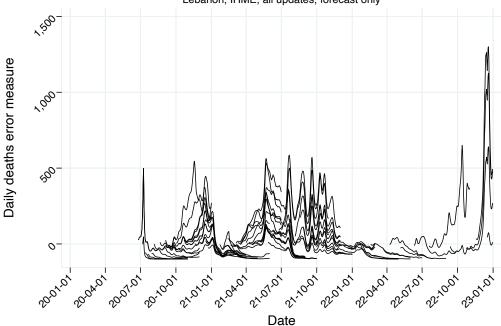
### C19 daily deaths percent error

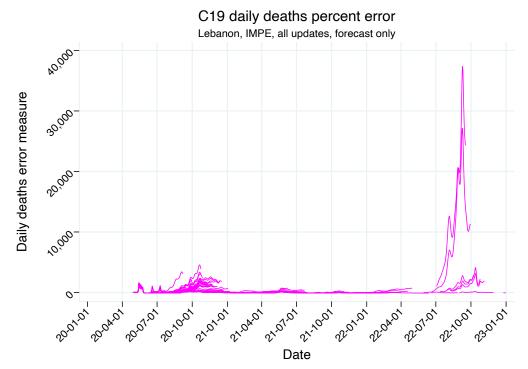


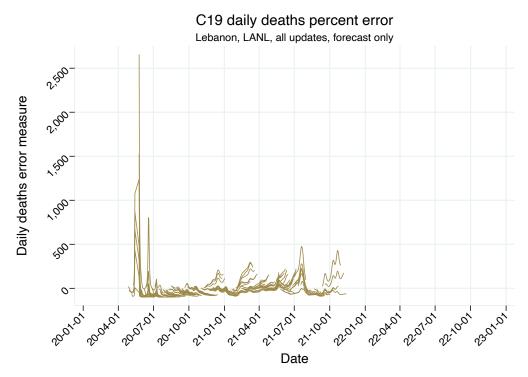
# C19 daily deaths percent error Lebanon, DELP, all updates, forecast only 2,500-Daily deaths error measure 2000-1,800-600-0potal pokal potal prant rakal rakal racal prant pakal pokal pokal pripal potal Date

## C19 daily deaths percent error

Lebanon, IHME, all updates, forecast only







# C19 daily deaths absolute percent error Lebanon, ALL MODELS, all updates, forecast only \*0000\_ Daily deaths error measure 30,00-10000-Date

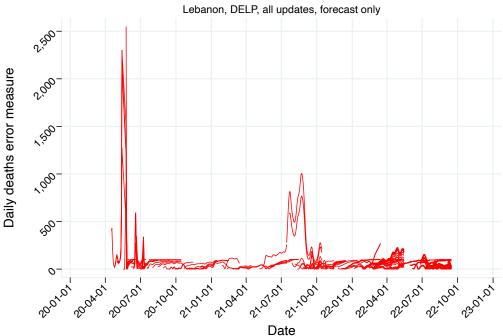
IHME

**IMPE** 

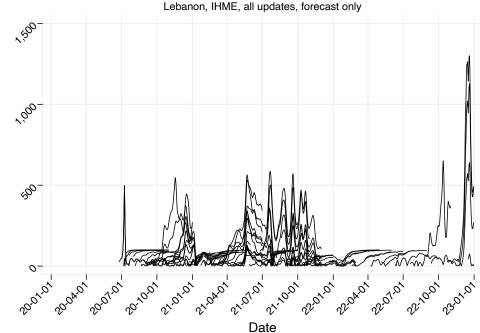
LANL

**DELP** 

### C19 daily deaths absolute percent error

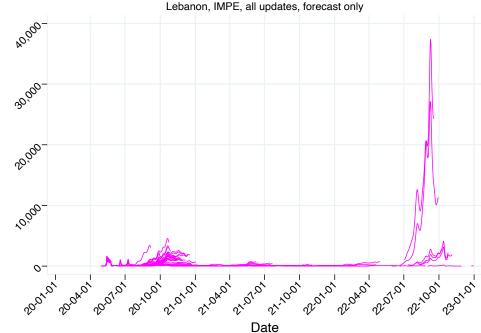


## C19 daily deaths absolute percent error



Daily deaths error measure

# C19 daily deaths absolute percent error



Daily deaths error measure

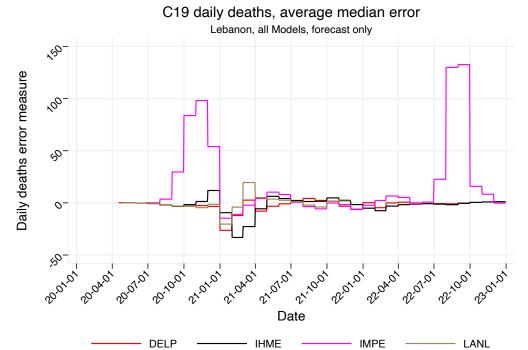
C19 daily deaths absolute percent error Lebanon, LANL, all updates, forecast only Daily deaths error measure 1,500-600-0-

C19 daily deaths, average median error Lebanon, DELP, forecast only ~0-Daily deaths error measure 0-**70**-30parat pakat paliat pripat prakat palat pripat pakat patat prakat patat Date

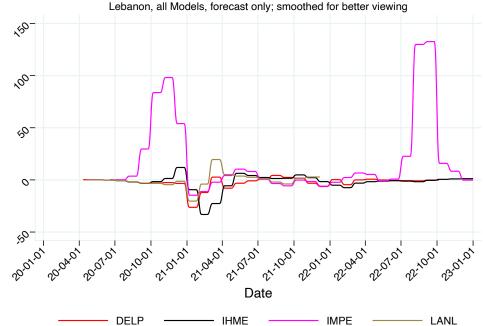
C19 daily deaths, average median error Lebanon, IHME, forecast only 0-Daily deaths error measure 0-*,*0-30-30para paka pala praa rain raka rain raa pala paka pala paka pala paka Date

C19 daily deaths, average median error Lebanon, IMPE, forecast only 160-Daily deaths error measure ,00<sup>-</sup> SO. 0got of god of got of grand grand grand grand grand grand grand grand grand grand

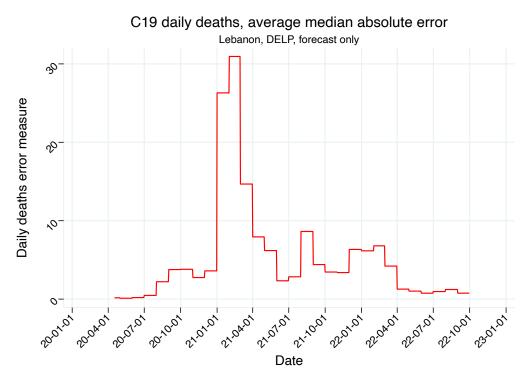
C19 daily deaths, average median error Lebanon, LANL, forecast only ъ-Daily deaths error measure 0-0-**70**-Date



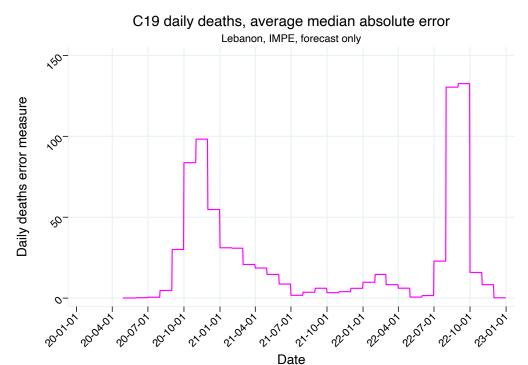
## C19 daily deaths, average median error

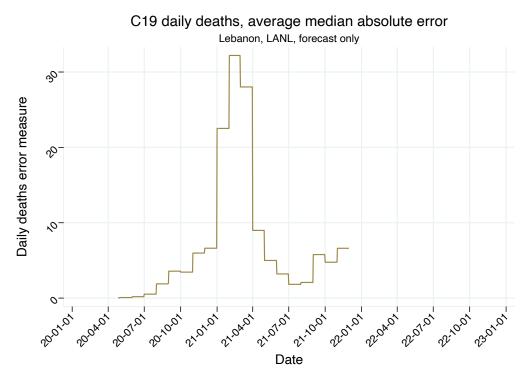


Daily deaths error measure



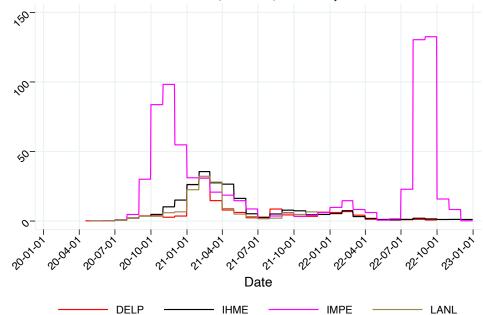
C19 daily deaths, average median absolute error Lebanon, IHME, forecast only <sub>2</sub>О-Daily deaths error measure യ-P-*-0,* 

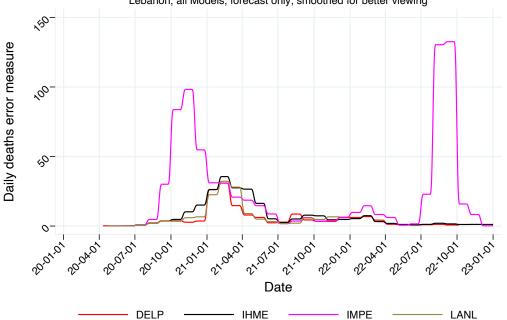


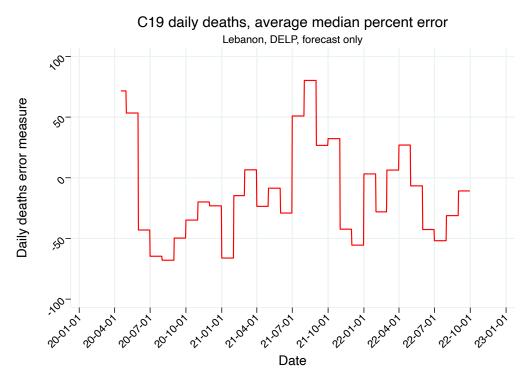


C19 daily deaths, average median absolute error
Lebanon, all Models, forecast only

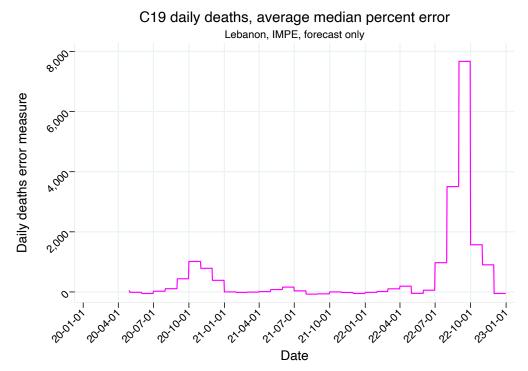
Daily deaths error measure

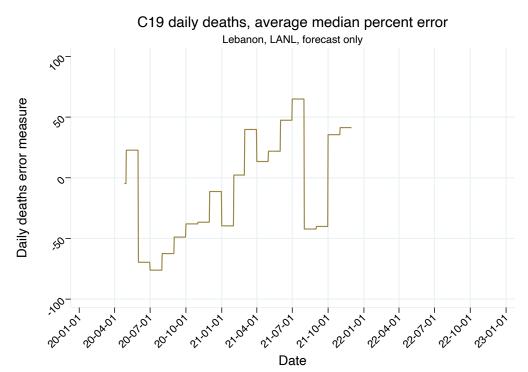




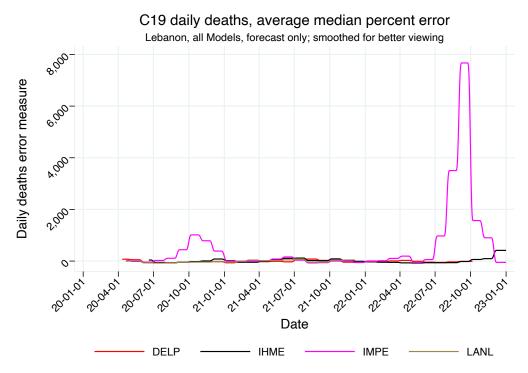


C19 daily deaths, average median percent error Lebanon, IHME, forecast only MO-Daily deaths error measure <sub>3</sub>00-500-0, 0para paka paia praa rata raka rata riaa paka paia paka paia praa Date





C19 daily deaths, average median percent error Lebanon, all Models, forecast only 8000-Daily deaths error measure 6000-Y000\_ 2000-0-Date **DELP** IHME **IMPE** LANL

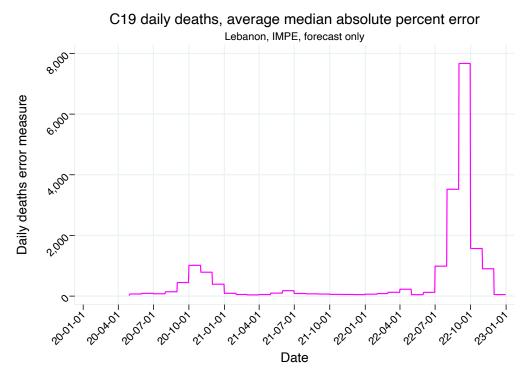


C19 daily deaths, average median absolute percent error Lebanon, DELP, forecast only 200-Daily deaths error measure 160-,00<sup>-</sup> фpola pola pola prod pola prod pola pola pola pola pola pola pola

Date

C19 daily deaths, average median absolute percent error Lebanon, IHME, forecast only MO\_ Daily deaths error measure 300-200-,00<sup>-</sup> potot pokot potot proof potot potot potot potot potot potot potot potot

Date



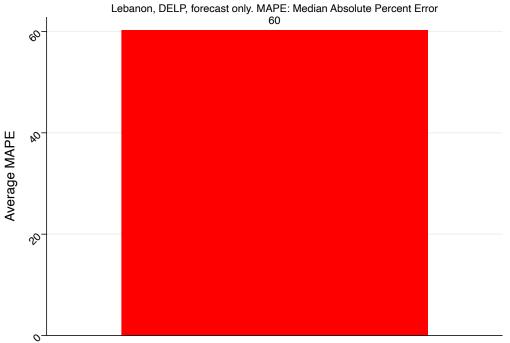
C19 daily deaths, average median absolute percent error Lebanon, LANL, forecast only ,00<sup>-</sup> Daily deaths error measure 90-60-0, 

Date

C19 daily deaths, average median absolute percent error Lebanon, all Models, forecast only 8000-Daily deaths error measure 6000-V/00\_ 2000-0-Date **DELP** IHME **IMPE** LANL

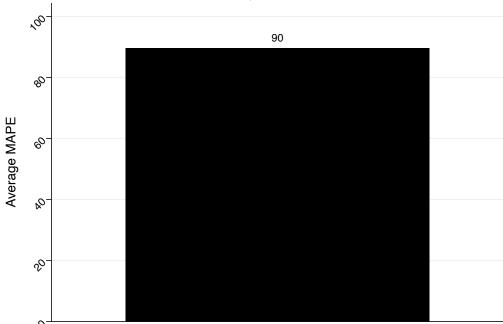
C19 daily deaths, average median absolute percent error Lebanon, all Models, forecast only; smoothed for better viewing 8000-Daily deaths error measure 6000-V/00\_ 2000-0-Date **DELP** IHME **IMPE** LANL

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

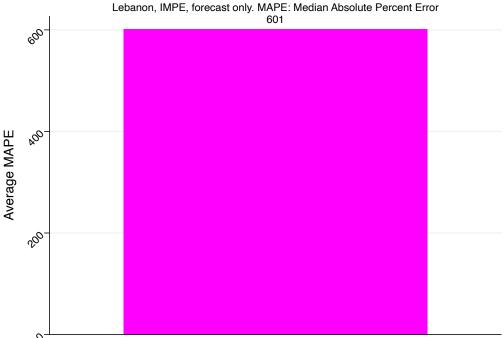


C19 daily deaths average MAPE over updates and calendar months

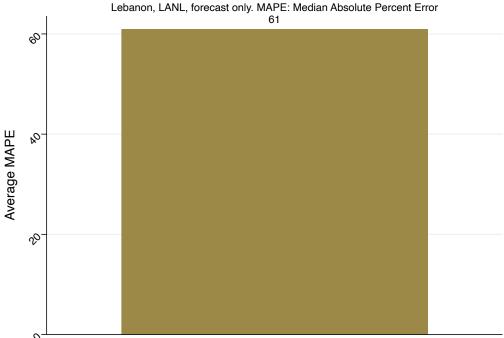
Lebanon, IHME, forecast only. MAPE: Median Absolute Percent Error



C19 daily deaths average MAPE over updates and calendar months

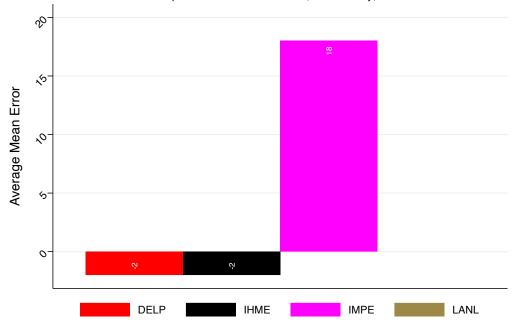


# C19 daily deaths average MAPE over updates and calendar months



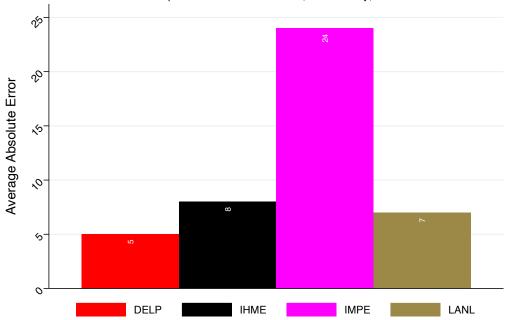
#### C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Lebanon



C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Lebanon



# C19 daily deaths average of Percent Error Over updates and calendar months; forecast only; Lebanon Average Percent Error MO. 200-0-

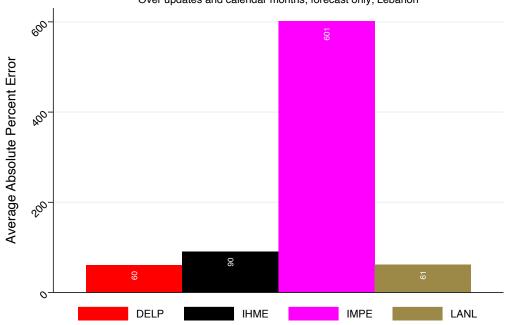
IHME

**IMPE** 

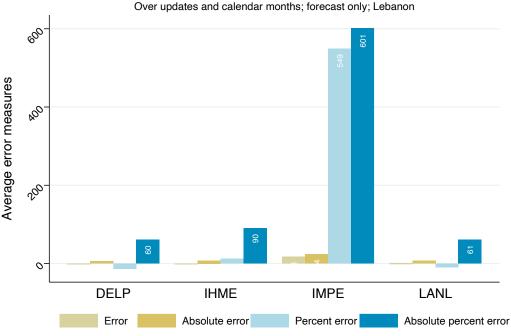
LANL

**DELP** 

# C19 daily deaths average of Absolute Percent Error Over updates and calendar months; forecast only; Lebanon



# C19 daily deaths, models across average error measures



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

