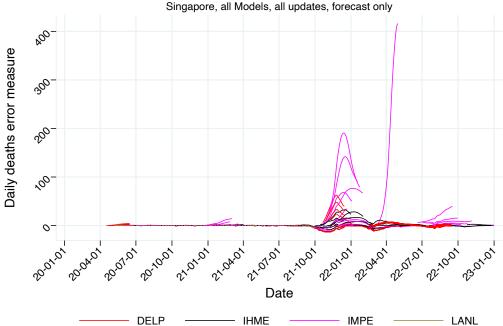


C19 daily deaths error



C19 daily deaths error Singapore, DELP, all updates, forecast only *©*-Daily deaths error measure -04 P-0-'apara' apara' aran' arara' arara' arara' aran' aran' aran' aran' aran' aran' Date

C19 daily deaths error Singapore, IHME, all updates, forecast only എ-Daily deaths error measure P-~0-0-*'0*potal pakal palal priori gratal gratal gratal gratal gratal gratal

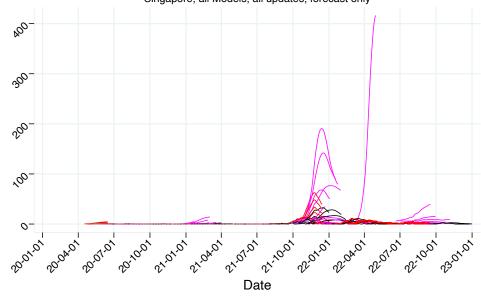
C19 daily deaths error Singapore, IMPE, all updates, forecast only 100-Daily deaths error measure 300-200-,00⁻ 0potot pokot potot proof potot potot potot potot potot potot potot potot Date

C19 daily deaths error Singapore, LANL, all updates, forecast only **%**− Daily deaths error measure 0-**%**-**70**parat pakat paliat pripat prakat palat pripat pakat palat pripat pakat palat pripat pakat Date

C19 daily deaths absolute error Singapore, all Models, all updates, forecast only

DELP

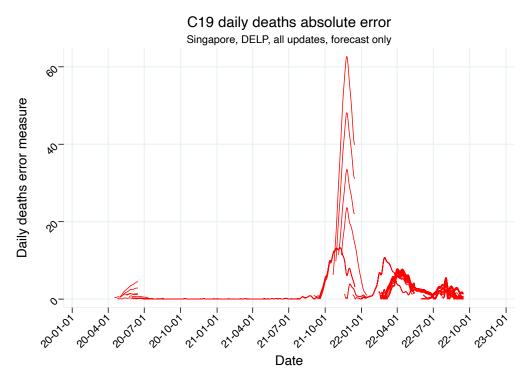
Daily deaths error measure

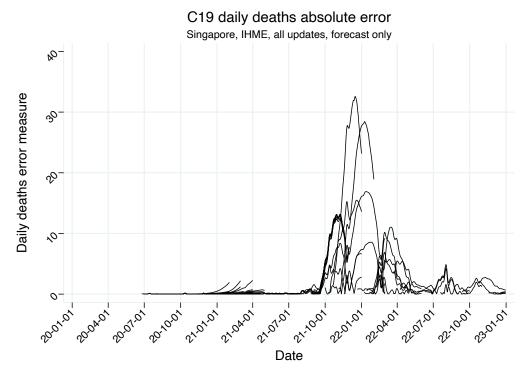


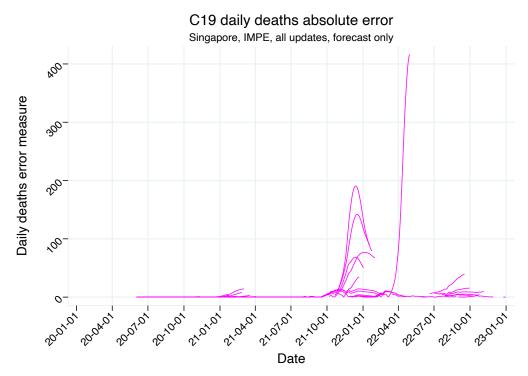
IHME

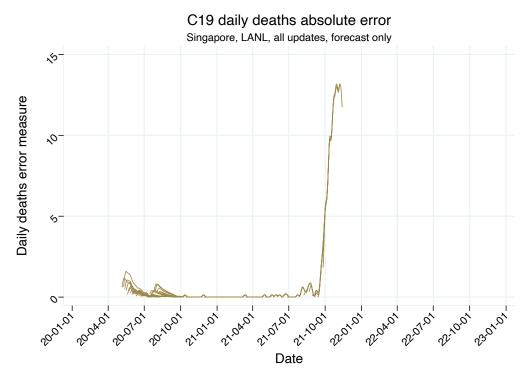
IMPE

LANL

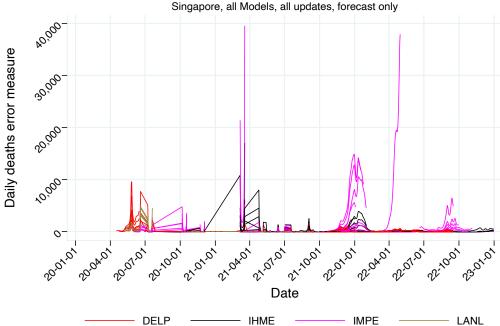








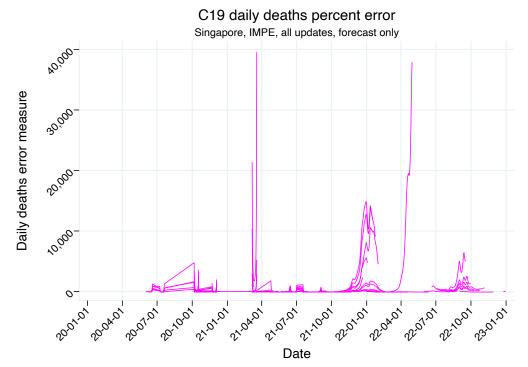
C19 daily deaths percent error

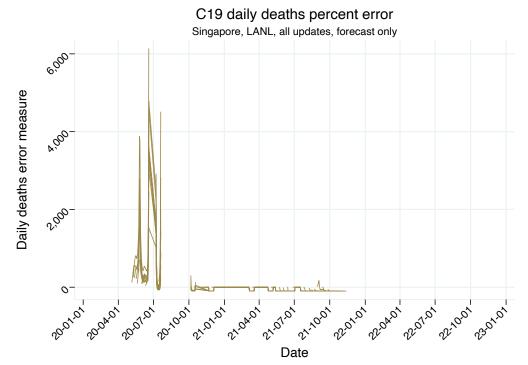


Singapore, DELP, all updates, forecast only 10000-8000-Daily deaths error measure 6000-5000-0pain para pain prai trata tara trata trata

C19 daily deaths percent error

C19 daily deaths percent error Singapore, IHME, all updates, forecast only 50000-Daily deaths error measure 12000-10000-2000-0paiai pakai paiai praai rakai rakai risai pakai pakai pakai piai Date





Singapore, ALL MODELS, all updates, forecast only *0000-Daily deaths error measure 30,00-10000_ 0pain paka pain pion rana raka rain ripai paka paka paka pion pain Date

IHME

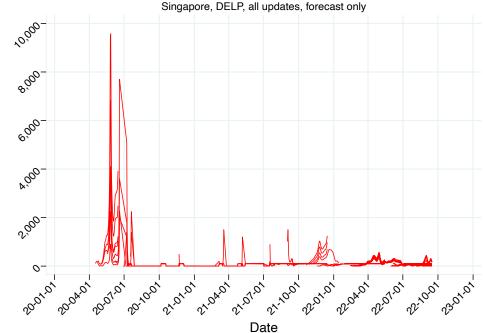
IMPE

LANL

DELP

C19 daily deaths absolute percent error

C19 daily deaths absolute percent error

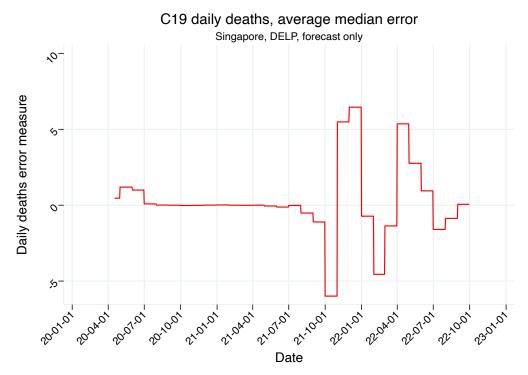


Daily deaths error measure

C19 daily deaths absolute percent error Singapore, IHME, all updates, forecast only 50000-Daily deaths error measure 12,000-Date

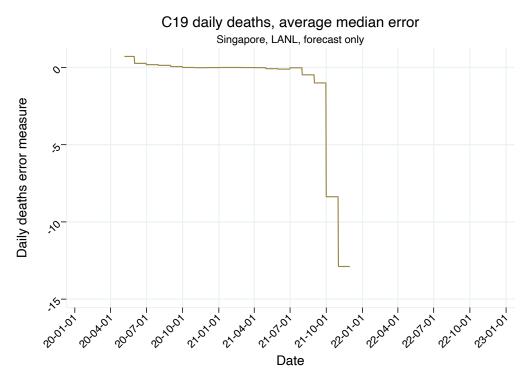
C19 daily deaths absolute percent error Singapore, IMPE, all updates, forecast only *0000-Daily deaths error measure 30,00_

C19 daily deaths absolute percent error Singapore, LANL, all updates, forecast only Daily deaths error measure potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal



C19 daily deaths, average median error Singapore, IHME, forecast only ~0-Daily deaths error measure **ら**-0-'npotal pokal polal proal ratal rakal ratal rical potal pokal polal proal potal Date

C19 daily deaths, average median error Singapore, IMPE, forecast only -o_o Daily deaths error measure 60. 0 S. 0patal pakal patal prical patal prakal patal prical patal patal prical patal Date



C19 daily deaths, average median error Singapore, all Models, forecast only *®*-Daily deaths error measure _О--Q 20-0-Date

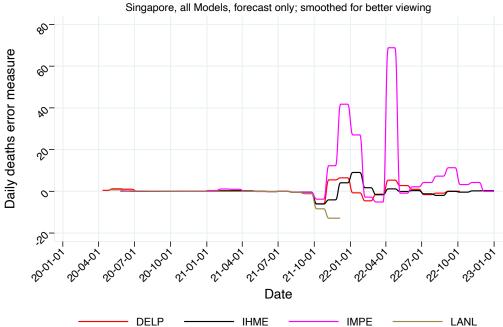
IHME

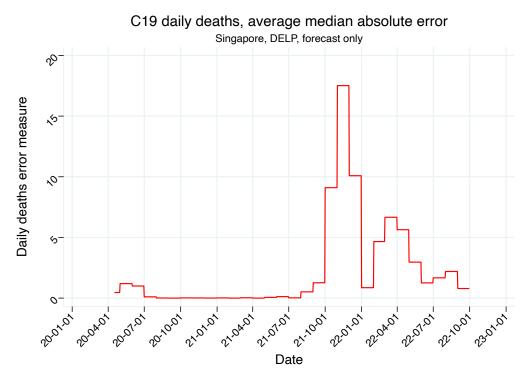
IMPE

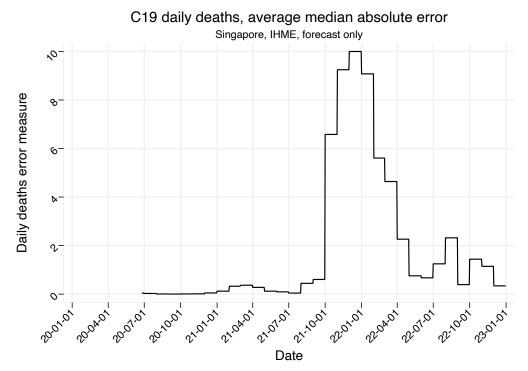
LANL

DELP

C19 daily deaths, average median error







C19 daily deaths, average median absolute error Singapore, IMPE, forecast only -O₀ Daily deaths error measure 60. 20-20-Date

C19 daily deaths, average median absolute error Singapore, LANL, forecast only **√**5− Daily deaths error measure ~0რ⁻ potal pokal polal propal staral stakal stalal strana staral stara

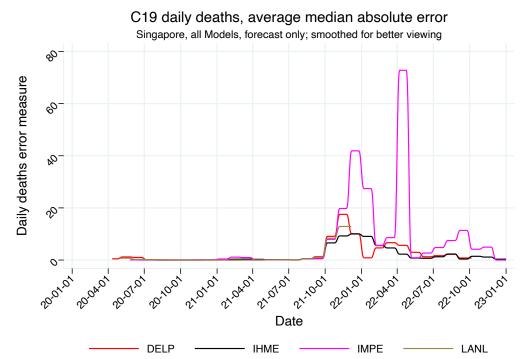
C19 daily deaths, average median absolute error Singapore, all Models, forecast only _Ф-Daily deaths error measure 60--Q₄ 20potat pakat patat propi Date

IHME

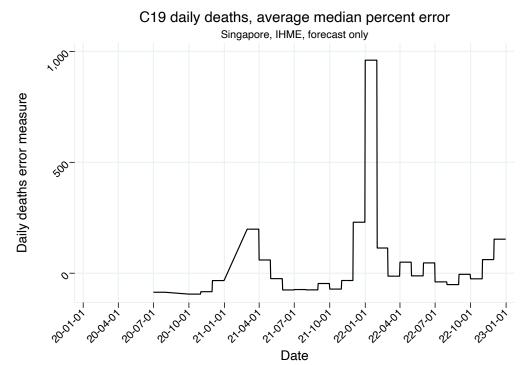
IMPE

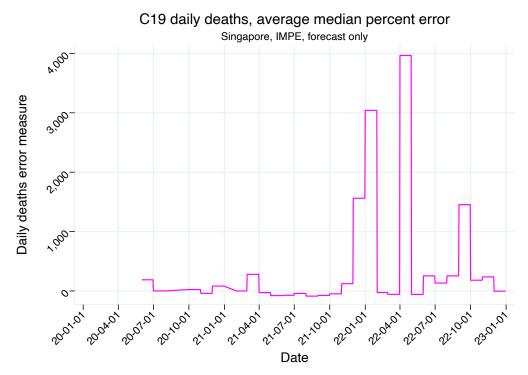
LANL

DELP



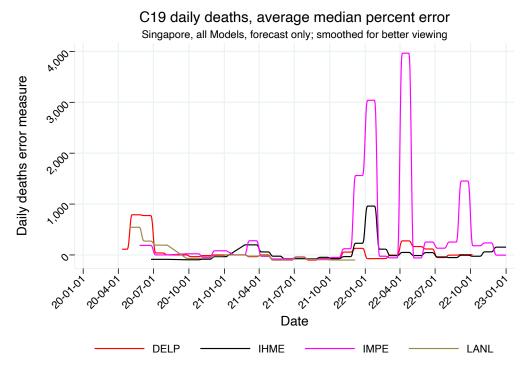
C19 daily deaths, average median percent error Singapore, DELP, forecast only 800-600-Daily deaths error measure MO-200-0-200 - 200 and 200 and 2010 and





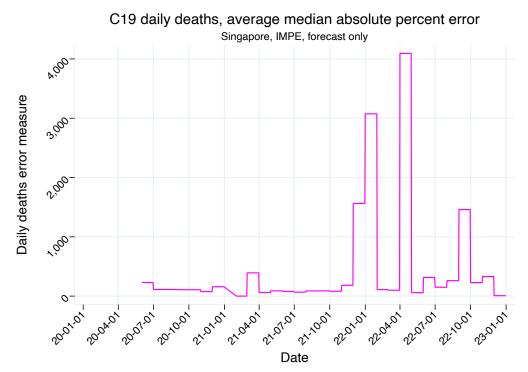
C19 daily deaths, average median percent error Singapore, LANL, forecast only 60-Daily deaths error measure MO-200-0-200 - 200 -

C19 daily deaths, average median percent error Singapore, all Models, forecast only *'000_ Daily deaths error measure 3000-2,000-100_ 0-Date **DELP** IHME **IMPE** LANL

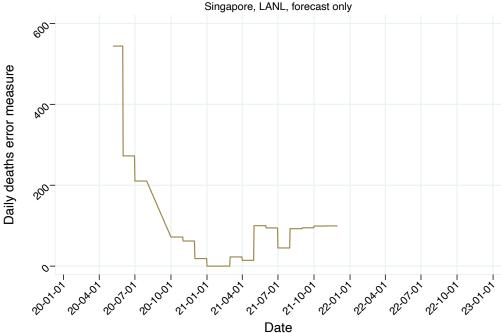


C19 daily deaths, average median absolute percent error Singapore, DELP, forecast only 800-Daily deaths error measure 600-MO-200pain paka pala proa raia raka raia rraa pata paka pala proa pata

C19 daily deaths, average median absolute percent error Singapore, IHME, forecast only 100-Daily deaths error measure ₉₀0-600-100. 200-0potal pokal potal praal rakal rakal ratal ritool pakal rakal ritool pakal



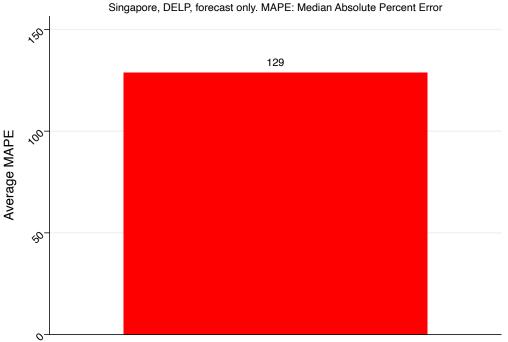
C19 daily deaths, average median absolute percent error



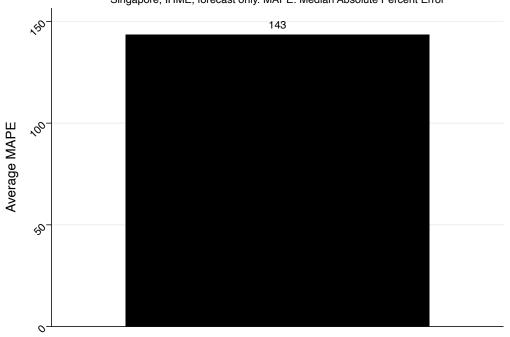
C19 daily deaths, average median absolute percent error Singapore, all Models, forecast only *000_ Daily deaths error measure 3000-500-100-0-Date **DELP** IHME **IMPE** LANL

C19 daily deaths, average median absolute percent error Singapore, all Models, forecast only; smoothed for better viewing *000-Daily deaths error measure 3000-5000-100-0-Date **DELP** IHME **IMPE** LANL

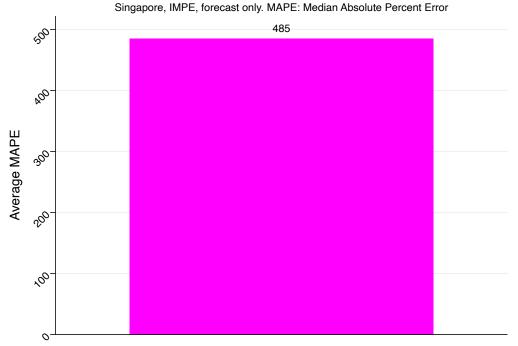
C19 daily deaths average MAPE over updates and calendar months



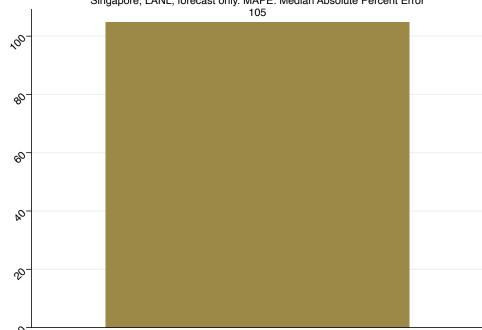
C19 daily deaths average MAPE over updates and calendar months
Singapore, IHME, forecast only. MAPE: Median Absolute Percent Error



C19 daily deaths average MAPE over updates and calendar months



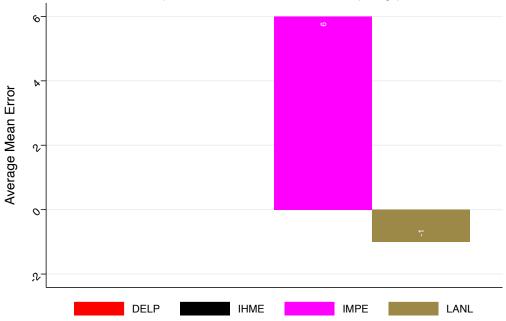
C19 daily deaths average MAPE over updates and calendar months
Singapore, LANL, forecast only. MAPE: Median Absolute Percent Error



Average MAPE

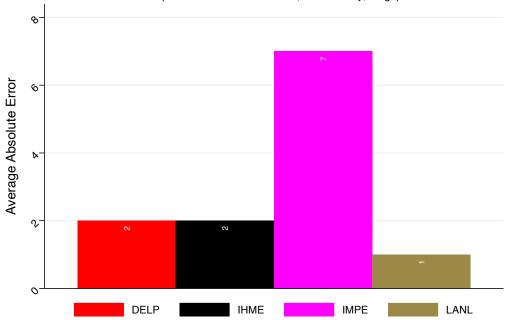
C19 daily deaths average of Mean Error

Over updates and calendar months; forecast only; Singapore

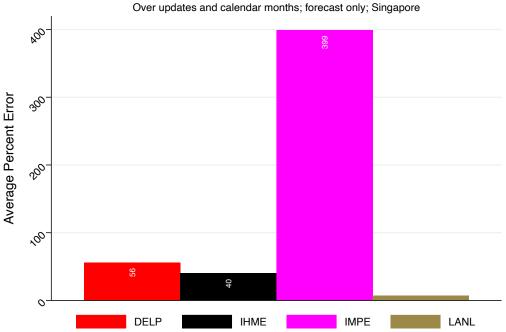


C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Singapore



C19 daily deaths average of Percent Error



C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Singapore MO-300→ 200-,oo-

IHME

IMPE

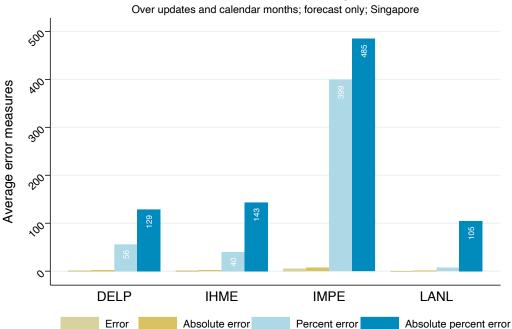
LANL

Average Absolute Percent Error

0.

DELP

C19 daily deaths, models across average error measures



C19 daily deaths, average of error measures across models

