

Indonesia, all Models, all updates, forecast only 8000-Daily deaths error measure 6000-Y000-2000-0-2001.01 ' paka' pala' proa' rara' rara' rala' rroa' pata' paka' pala' proa' pata' Date **DELP** IHME **IMPE**

LANL

C19 daily deaths error

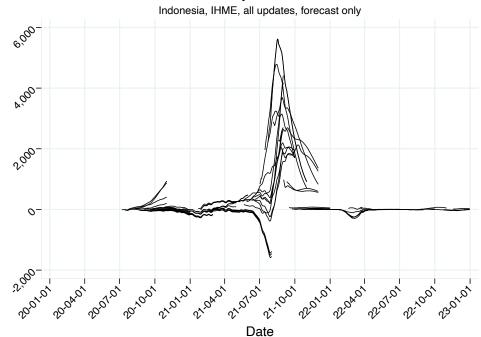
UCLA

YYGU

C19 daily deaths error Indonesia, DELP, all updates, forecast only *000_ Daily deaths error measure 0-200 and 200 and 2010 Date

Daily deaths error measure

C19 daily deaths error



C19 daily deaths error Indonesia, IMPE, all updates, forecast only 8000-000-Daily deaths error measure *000-2000-0rokot polot proof rotal rokal rotal ripol polot pokot polot proof polot Date

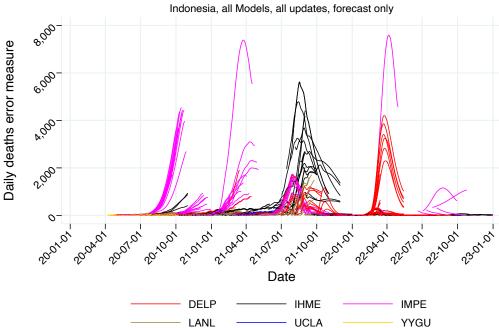
C19 daily deaths error Indonesia, LANL, all updates, forecast only 500-Daily deaths error measure 100-0-'spaka' spata' spraa' stata' stata' stata' straa' spata' spaka' spata' spraa' spata' Date

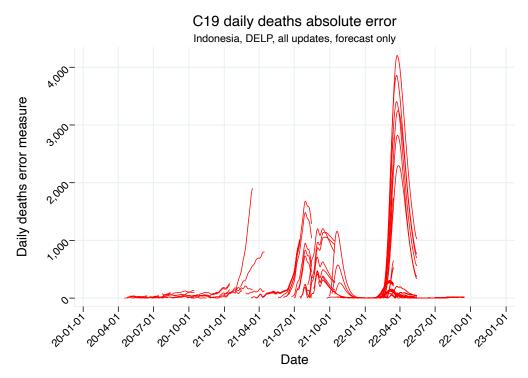
Indonesia, UCLA, all updates, forecast only 600-Daily deaths error measure 0-Date

C19 daily deaths error

C19 daily deaths error Indonesia, YYGU, all updates, forecast only 0, Daily deaths error measure SO. 0-Ś patal pakal patal praa praa patal prakal pratal privat patal prakal patal praa patal Date

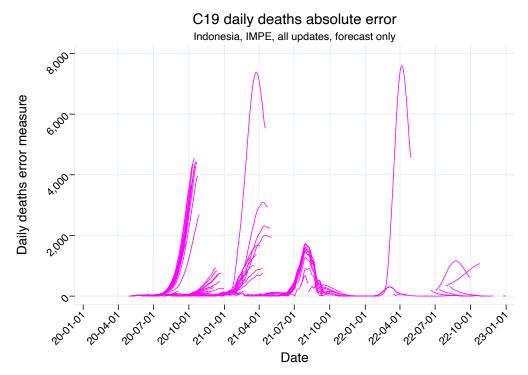
C19 daily deaths absolute error

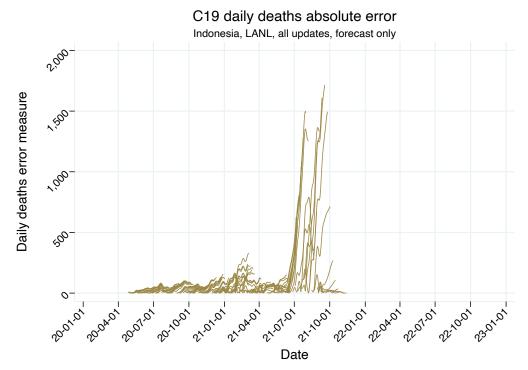


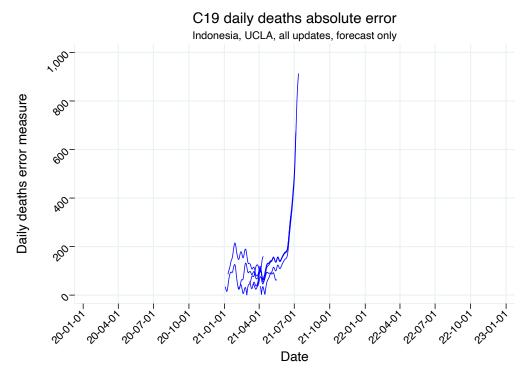


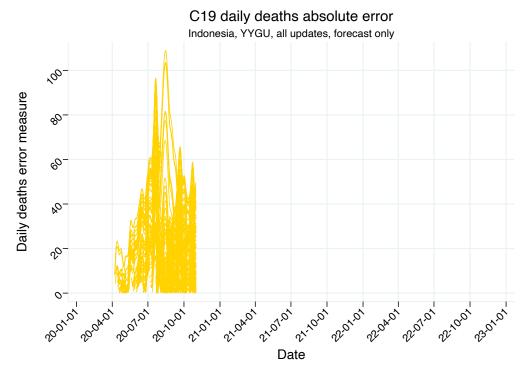
Date

C19 daily deaths absolute error

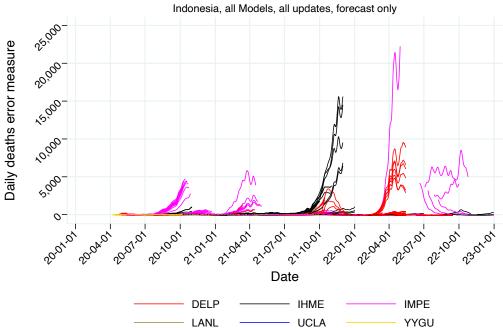


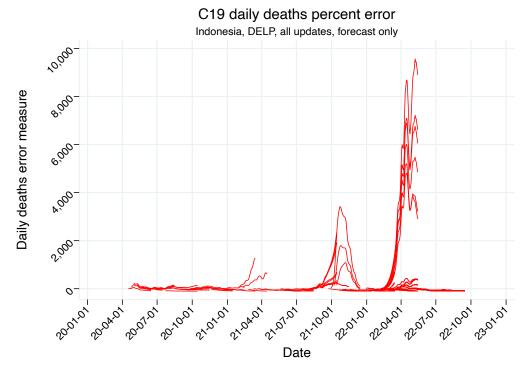


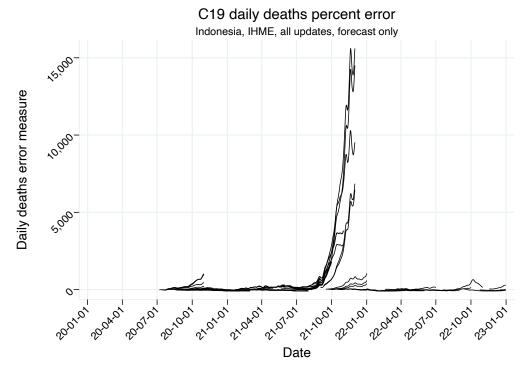


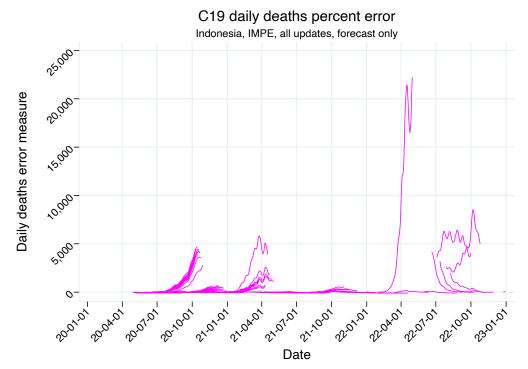


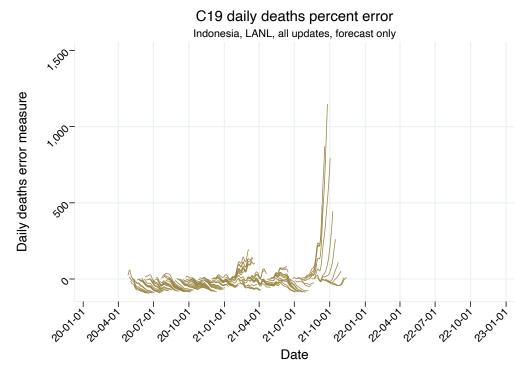
C19 daily deaths percent error







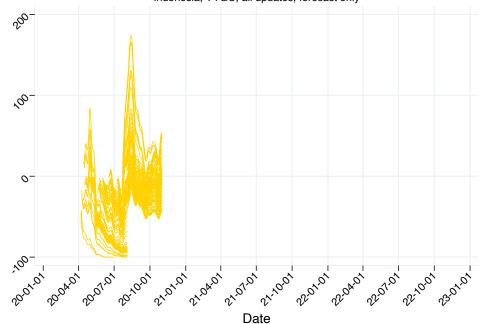




C19 daily deaths percent error Indonesia, UCLA, all updates, forecast only 180-Daily deaths error measure 0, SO. 0ξO-2001 and 2001 and 2010 and 201

C19 daily deaths percent error



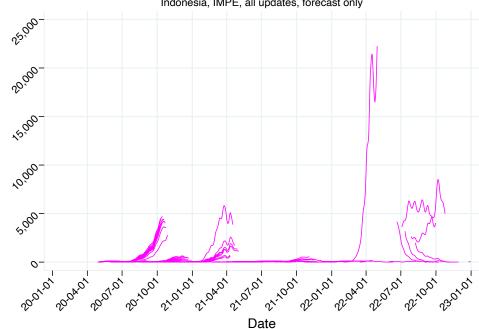


C19 daily deaths absolute percent error Indonesia, ALL MODELS, all updates, forecast only 55,000 Daily deaths error measure 20,00 12000-10000-2000-0-Date **DELP** IHME **IMPE** LANL **UCLA** YYGU

C19 daily deaths absolute percent error Indonesia, DELP, all updates, forecast only 10000-8000-Daily deaths error measure 2000-0-

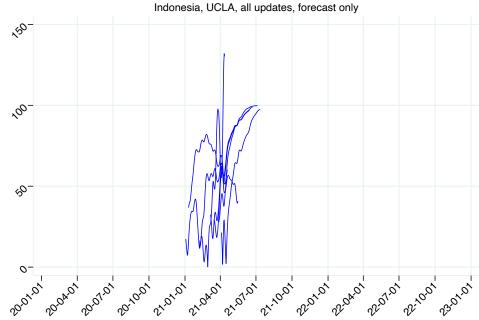
C19 daily deaths absolute percent error Indonesia, IHME, all updates, forecast only 12,000-Daily deaths error measure 200101 200401 201001 201001 210101 210101 210101 210101 220101 220101 220101

C19 daily deaths absolute percent error Indonesia, IMPE, all updates, forecast only



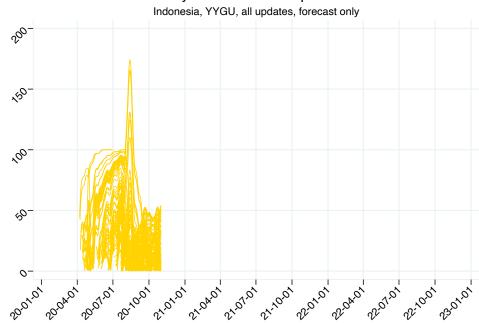
C19 daily deaths absolute percent error Indonesia, LANL, all updates, forecast only Daily deaths error measure ROD.

C19 daily deaths absolute percent error

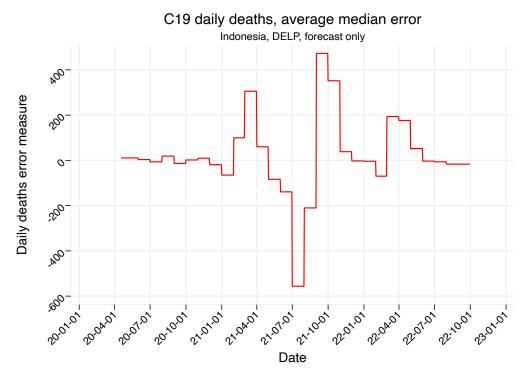


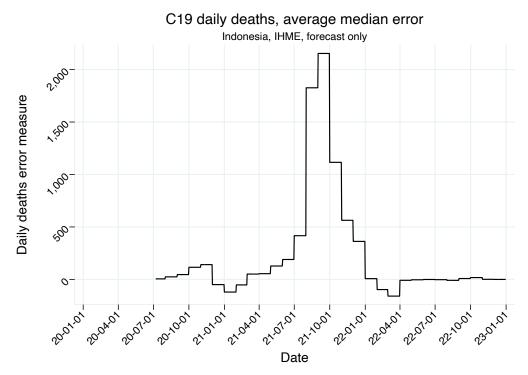
Date

C19 daily deaths absolute percent error



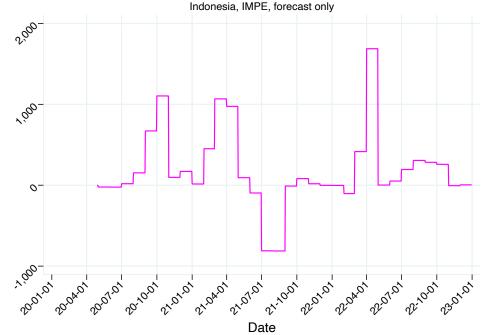
Date



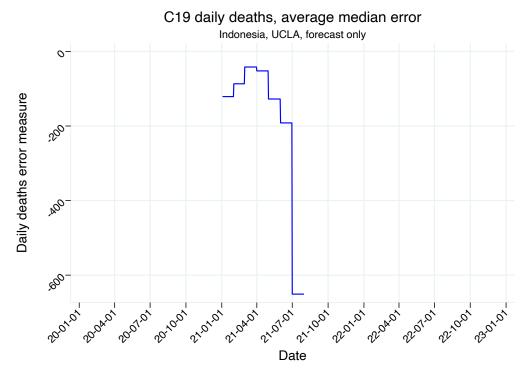




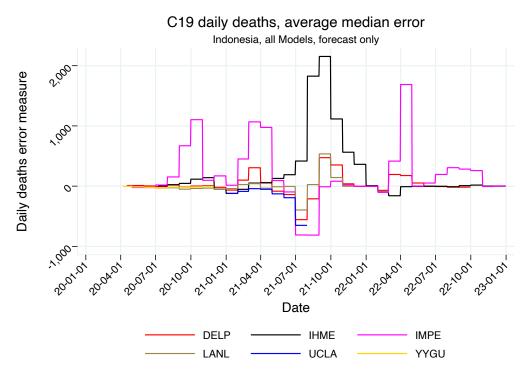
C19 daily deaths, average median error



C19 daily deaths, average median error Indonesia, LANL, forecast only 600-Daily deaths error measure 200 200-0. 200pot a pot a pot a pot a propi pata pata pata prota princi pot pata pata pata



C19 daily deaths, average median error Indonesia, YYGU, forecast only 0-Daily deaths error measure **70**-30-30. para paka pala praa raa raka rala riaa paa pala pala piaa pala pala pala Date

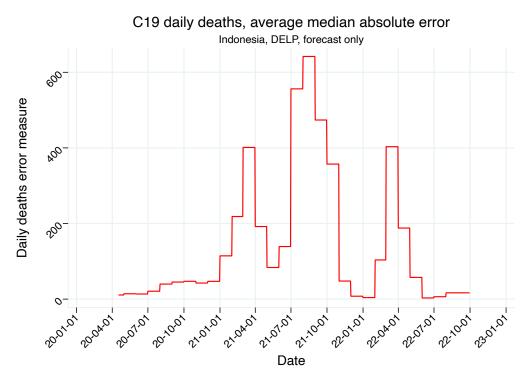


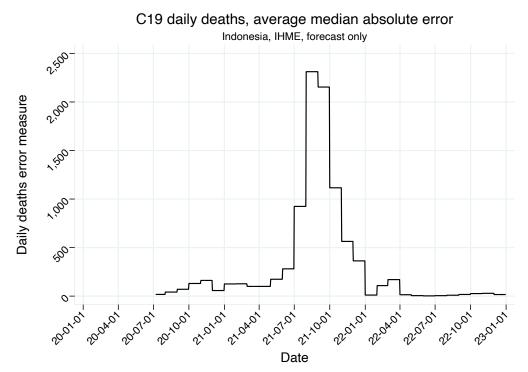
C19 daily deaths, average median error Indonesia, all Models, forecast only; smoothed for better viewing 2,000-Daily deaths error measure 100-0-2001 2004 2001 2010 2010 21010 21010 21010 2100 22010 22010 22010 22010 Date **DELP** IHME **IMPE**

UCLA

YYGU

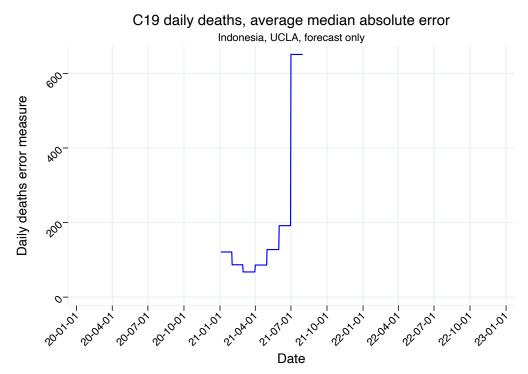
LANL





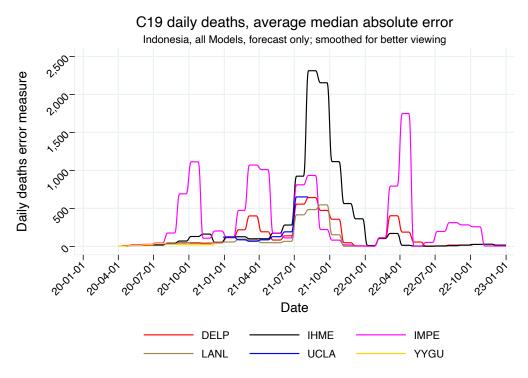
C19 daily deaths, average median absolute error Indonesia, IMPE, forecast only 5000-Daily deaths error measure 1,600-600poi al pokal polal priori grakal grakal grakal grakal grakal grakal grakal grakal Date

C19 daily deaths, average median absolute error Indonesia, LANL, forecast only 600-Daily deaths error measure MO-200para paka pala praa rata rata rata riaa pata pata pata pata Date

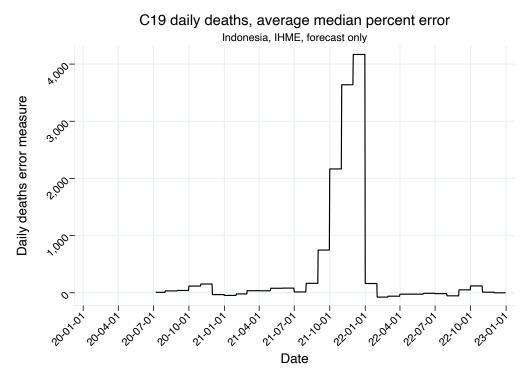


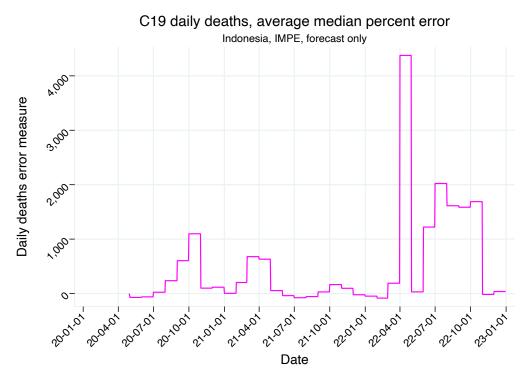
C19 daily deaths, average median absolute error Indonesia, YYGU, forecast only _Q Daily deaths error measure go P *-0*, para paka pala praa raia raka raia riaa para paka para para para Date

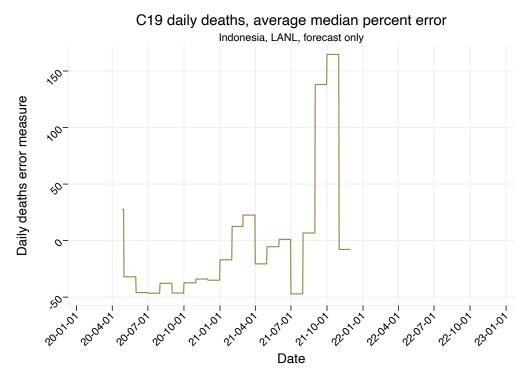
C19 daily deaths, average median absolute error Indonesia, all Models, forecast only 5,500-Daily deaths error measure 5000-1,500-100-KOD-0-Date **DELP** IHME **IMPE** LANL **UCLA** YYGU

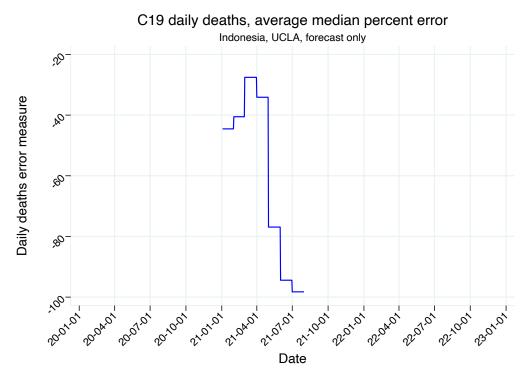


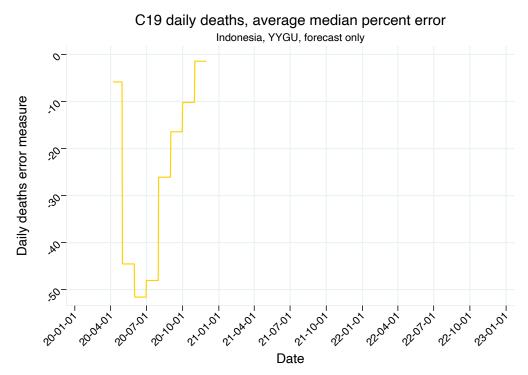
C19 daily deaths, average median percent error Indonesia, DELP, forecast only 800-600-Daily deaths error measure MO-200-0-200 - 200 and 200 and 2010 and

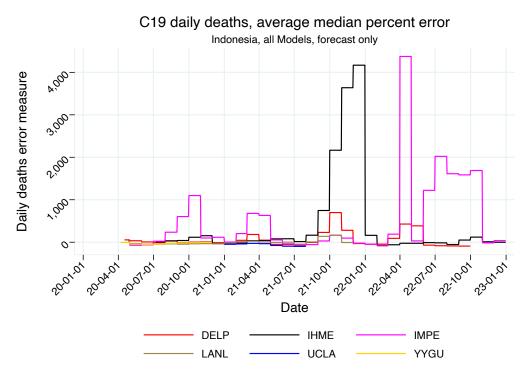


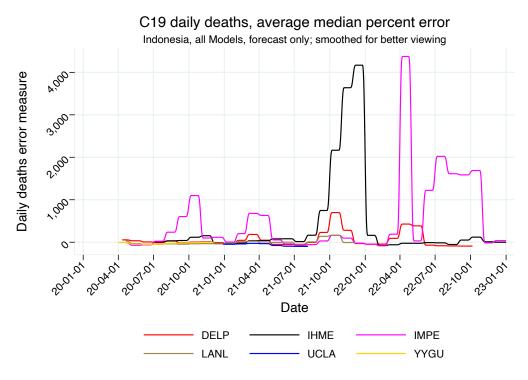












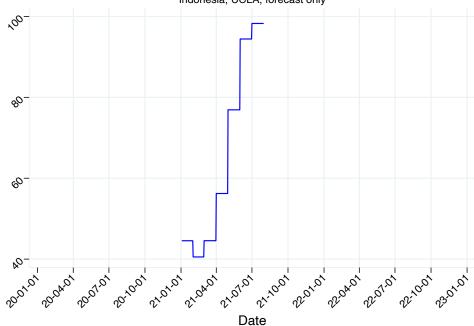
C19 daily deaths, average median absolute percent error Indonesia, DELP, forecast only 800-Daily deaths error measure 600-MO-200para paka para praa rata rata rata praa para paka para praa praa

C19 daily deaths, average median absolute percent error Indonesia, IHME, forecast only *000_ Daily deaths error measure 3000_ 5000-1000-0potat pokat potat proat rata rakat ratat ripot potat pokat potat proat potat Date

C19 daily deaths, average median absolute percent error Indonesia, IMPE, forecast only 2000-*000-Daily deaths error measure 500-100-0potal pokal potal prant rakal rakal racal prant pakal pakal potal pripal potal

C19 daily deaths, average median absolute percent error Indonesia, LANL, forecast only 500-Daily deaths error measure 180-**~00**-SO. patal pakal palal praal ratal ratal riaal riaal ratal ratal ratal

C19 daily deaths, average median absolute percent error Indonesia, UCLA, forecast only



Daily deaths error measure

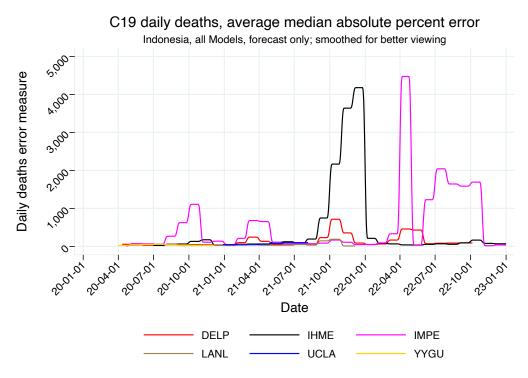
C19 daily deaths, average median absolute percent error Indonesia, YYGU, forecast only *©*-Daily deaths error measure SO. 20-30. potat pokat potat priori prokat protat priori protat potat protat protat

C19 daily deaths, average median absolute percent error Indonesia, all Models, forecast only 2000-Daily deaths error measure *000-3000-5000-100-0-Date **DELP** IHME **IMPE**

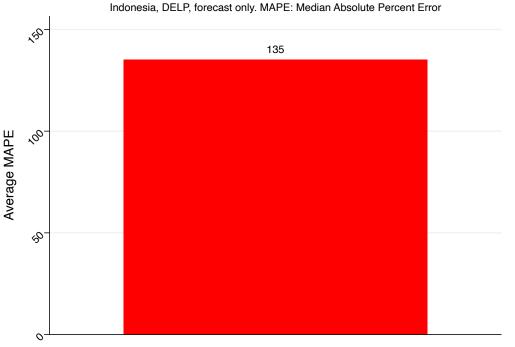
UCLA

YYGU

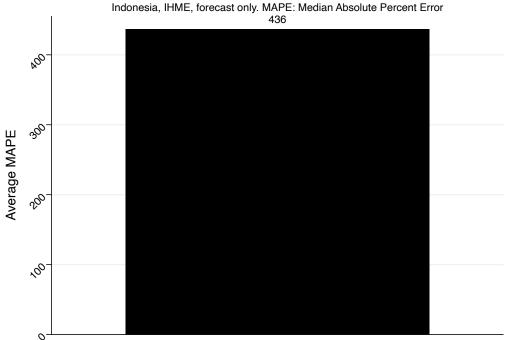
LANL



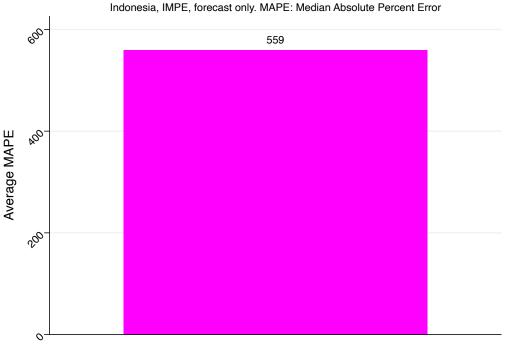
C19 daily deaths average MAPE over updates and calendar months



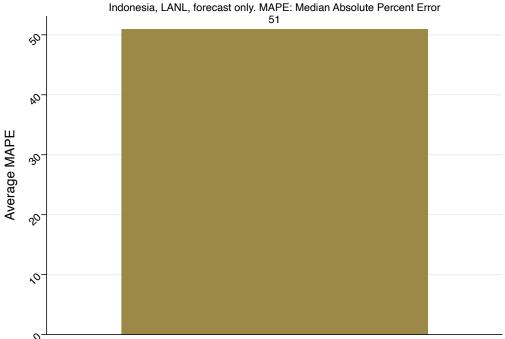
C19 daily deaths average MAPE over updates and calendar months



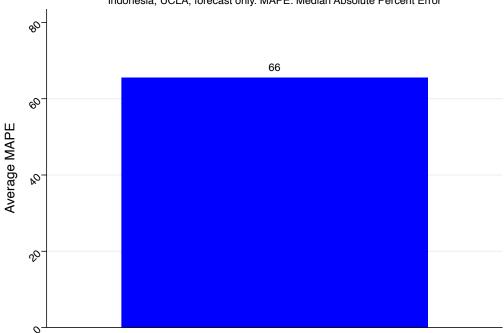
C19 daily deaths average MAPE over updates and calendar months



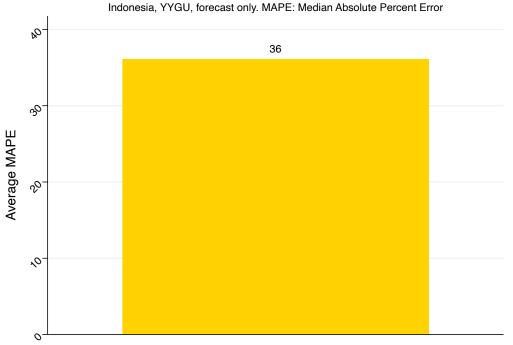
C19 daily deaths average MAPE over updates and calendar months



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



C19 daily deaths average MAPE over updates and calendar months



C19 daily deaths average of Mean Error

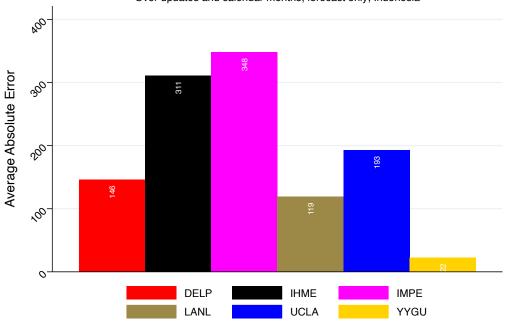
Over updates and calendar months; forecast only; Indonesia 227 Average Mean Error 0, 0-,00-300-**DELP** IHME **IMPE**

UCLA

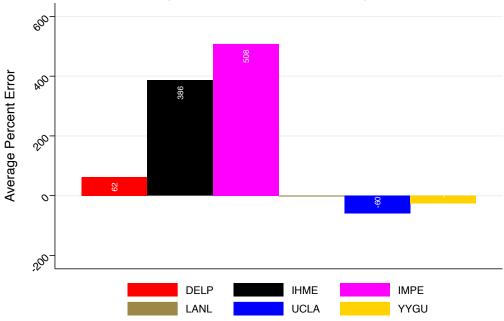
YYGU

LANL

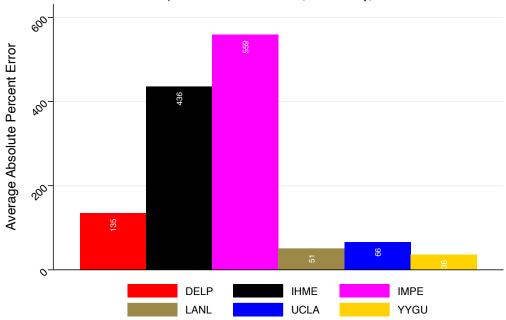
C19 daily deaths average of Absolute Error



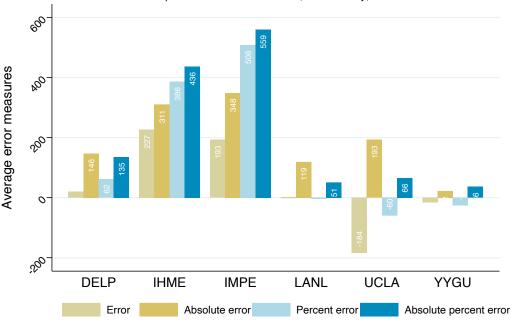
C19 daily deaths average of Percent Error



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

