

C19 daily deaths error Qatar, all Models, all updates, forecast only 100-Daily deaths error measure 90-*©*--O₄ 20-0-Date **DELP** IHME **IMPE**

UCLA

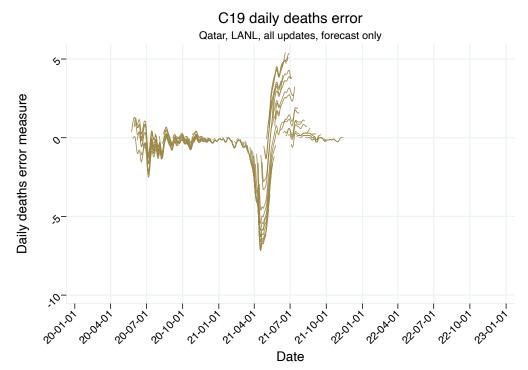
LANL

C19 daily deaths error Qatar, DELP, all updates, forecast only ഗ− Daily deaths error measure 0-%roka pala praa rata raka rata rina pala paka pala praa Date

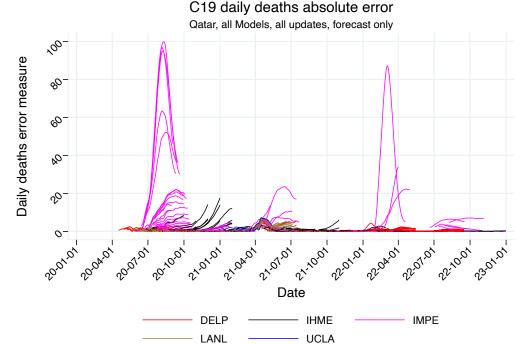
C19 daily deaths error Qatar, IHME, all updates, forecast only P-Daily deaths error measure ~0-0-Rokal pala propi rata rakal rata rrakal ripal pala pala pala pia

Date

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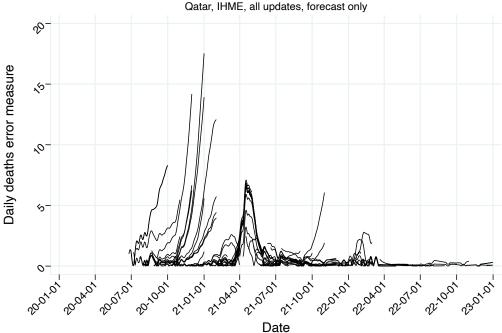


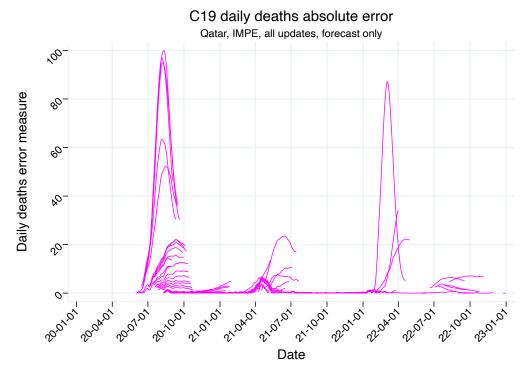
C19 daily deaths error Qatar, UCLA, all updates, forecast only v Daily deaths error measure 0-N-N. ·Ø. 2001 al 2004 al 2010 al 2010 al 21010 al 21010 al 2101 Date



C19 daily deaths absolute error Qatar, DELP, all updates, forecast only ზ-Daily deaths error measure 6-▶-0paial pakal palal prical raial rakal raial rical patal pakal palal prical Date

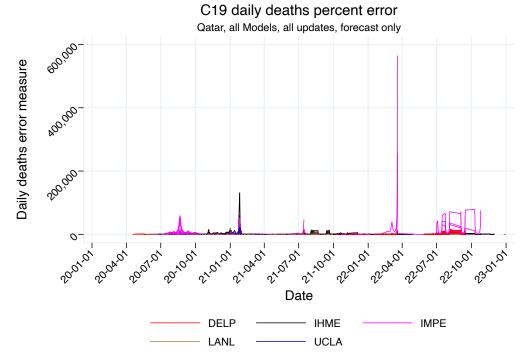
C19 daily deaths absolute error





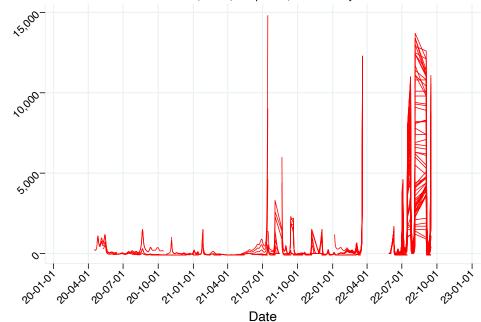
C19 daily deaths absolute error Qatar, LANL, all updates, forecast only ზ-Daily deaths error measure 6 D. 0paiai pakai palai pricai raiai rakai raiai ricai paiai pakai paiai pricai palai Date

C19 daily deaths absolute error Qatar, UCLA, all updates, forecast only ზ-Daily deaths error measure 6 D. 2 0paiai pakai palai pricai paiai pakai palai pricai paiai pakai palai pricai palai Date



C19 daily deaths percent error

Qatar, DELP, all updates, forecast only

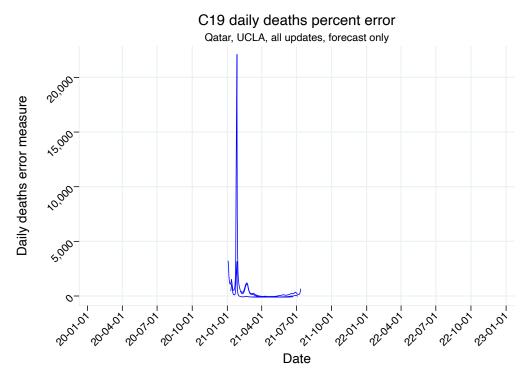


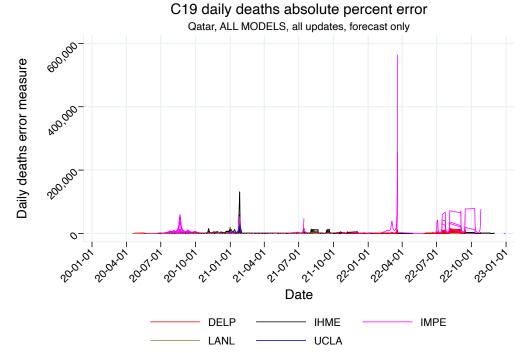
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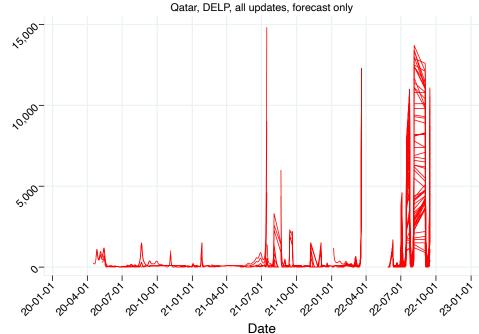
C19 daily deaths percent error

Date





C19 daily deaths absolute percent error



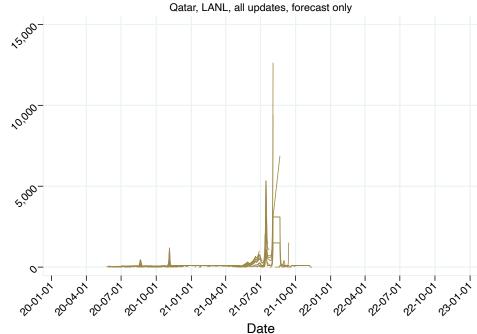
Daily deaths error measure

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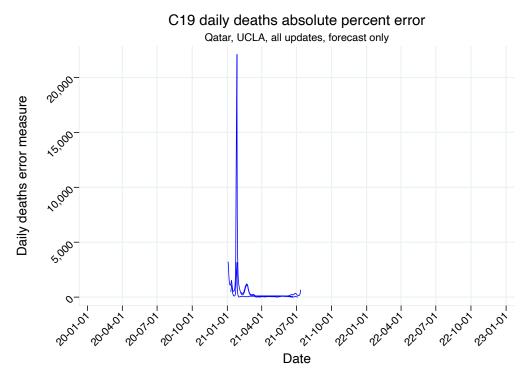
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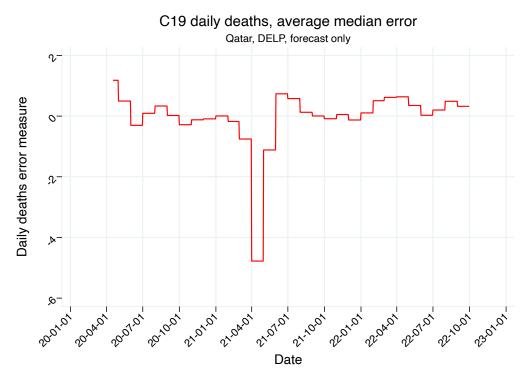
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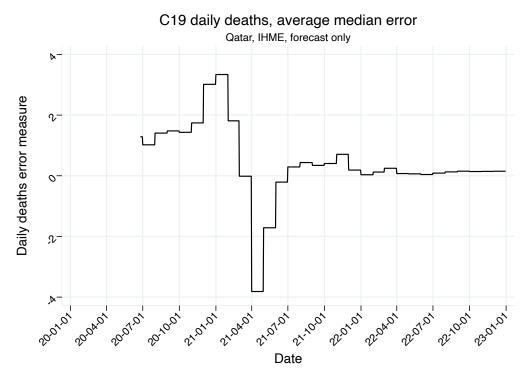
C19 daily deaths absolute percent error

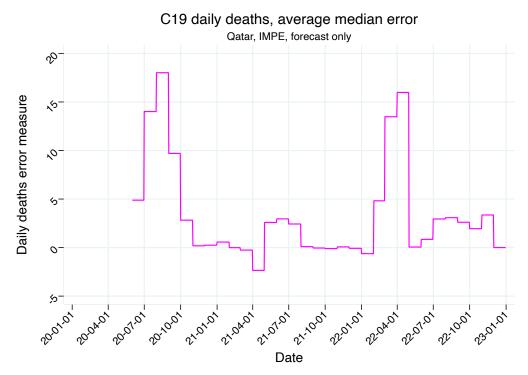


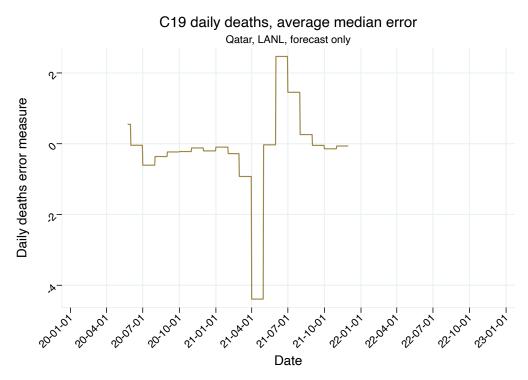
Daily deaths error measure

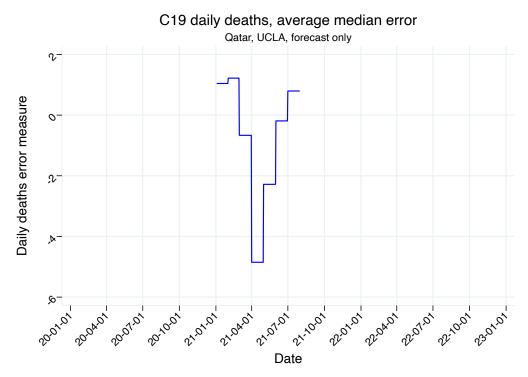






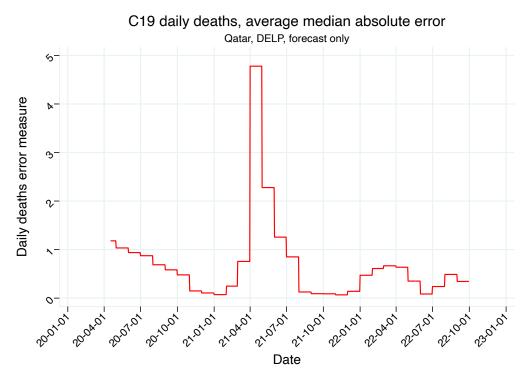






C19 daily deaths, average median error Qatar, all Models, forecast only P-Daily deaths error measure **√**5− ~0-**ら**-0-2001 2004 2010 2010 21010 2104 2101 2100 2101 22010 22010 22010 22010 Date **DELP** IHME **IMPE** LANL **UCLA**

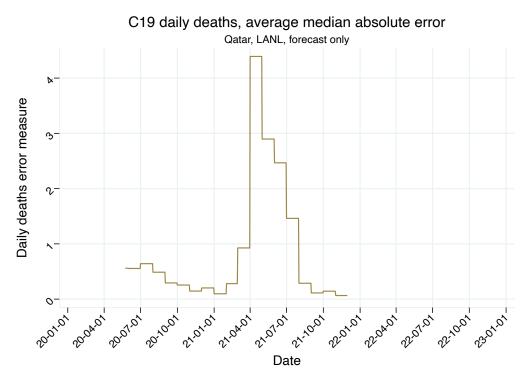
C19 daily deaths, average median error Qatar, all Models, forecast only; smoothed for better viewing \$0_ Daily deaths error measure **√**5− ~0-**ら**-0-2001 2004 2010 2010 21010 2104 2101 2100 2101 22010 22010 22010 22010 Date **DELP** IHME **IMPE** LANL **UCLA**

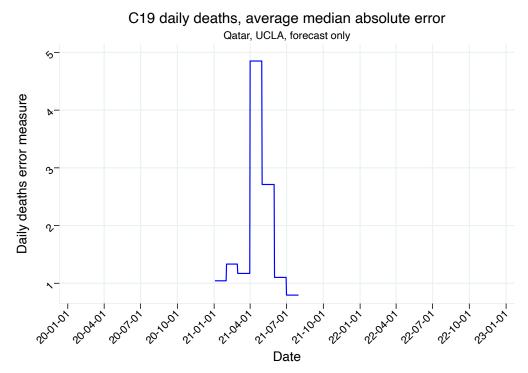


C19 daily deaths, average median absolute error Qatar, IHME, forecast only ▶-Daily deaths error measure გvpain paka pala praa rain raka rain raan pala paka pala paka pala Date

C19 daily deaths, average median absolute error Qatar, IMPE, forecast only ъ-Daily deaths error measure **√**5-0-6

Date





C19 daily deaths, average median absolute error Qatar, all Models, forecast only ъ-Daily deaths error measure **√**5− ~0-**ら**-2001 2004 2010 2010 21010 2104 2101 2100 2101 22010 22010 220101 220101 Date

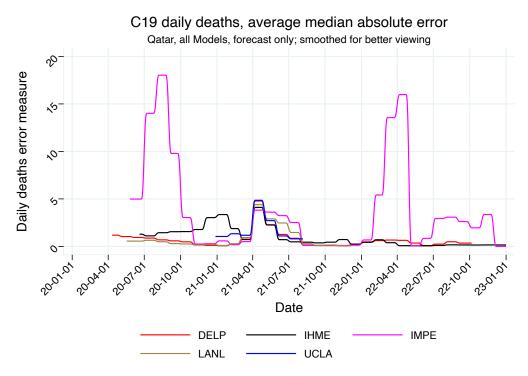
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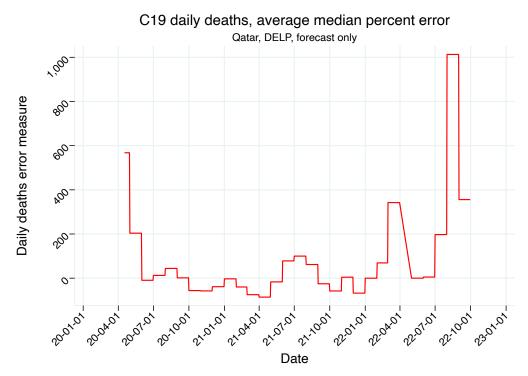
UCLA

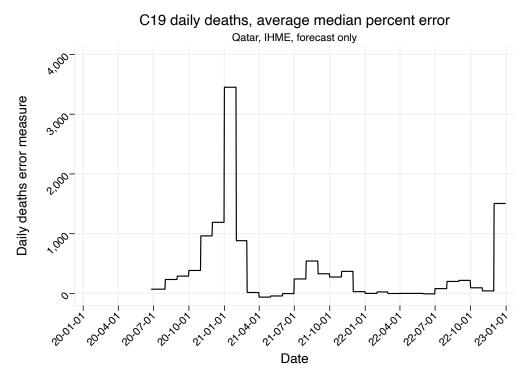
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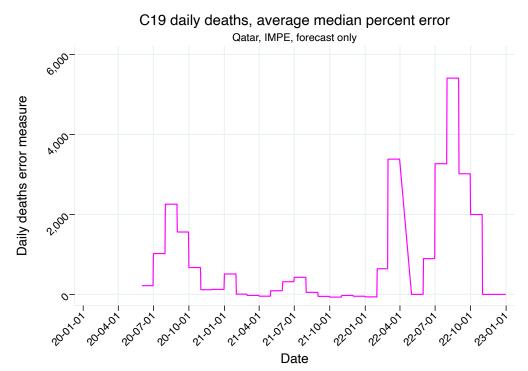
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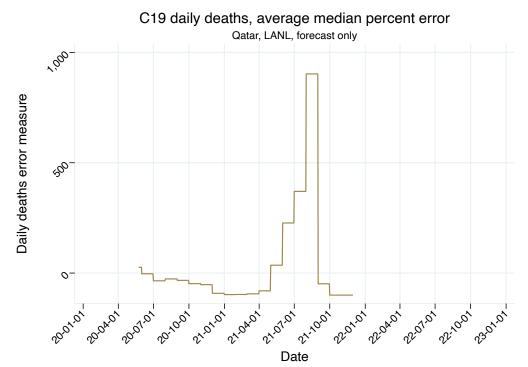
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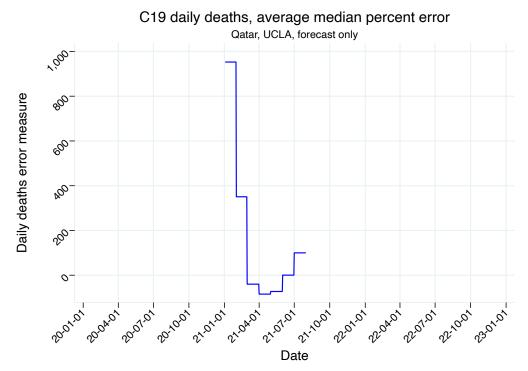


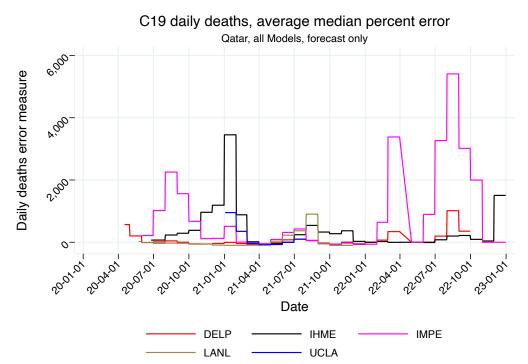


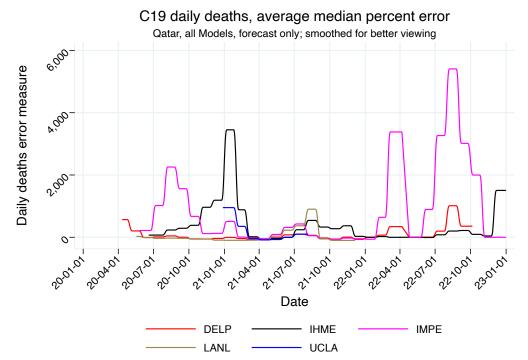


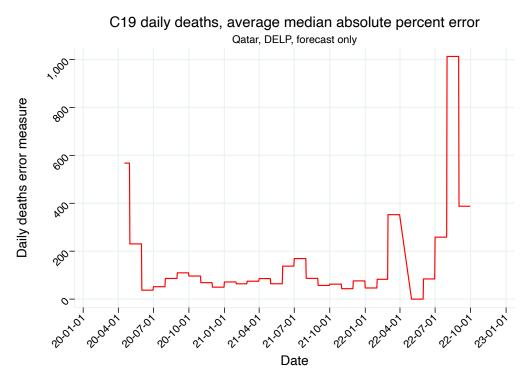




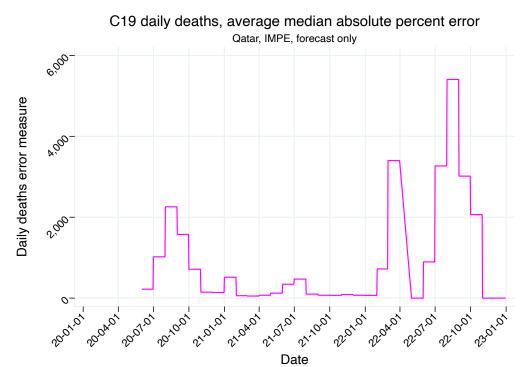


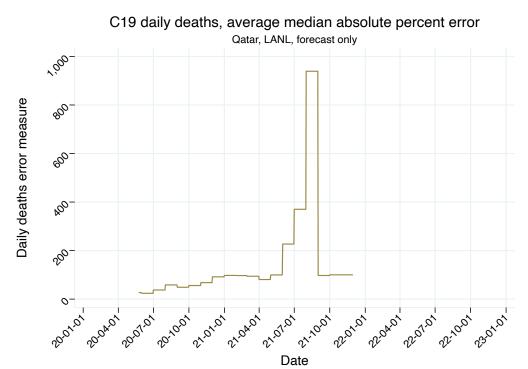


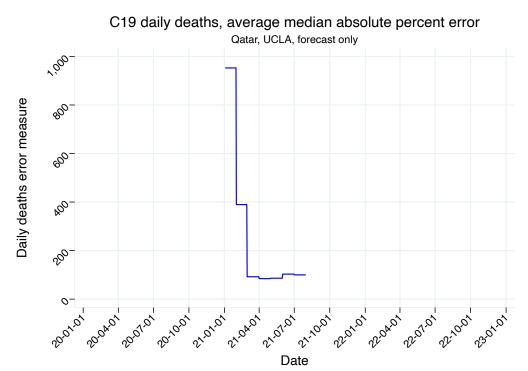




C19 daily deaths, average median absolute percent error Qatar, IHME, forecast only *'000_ Daily deaths error measure 3000-2000-100-0potot pokot potot prot takot takot talot trans satat sakot satat Date

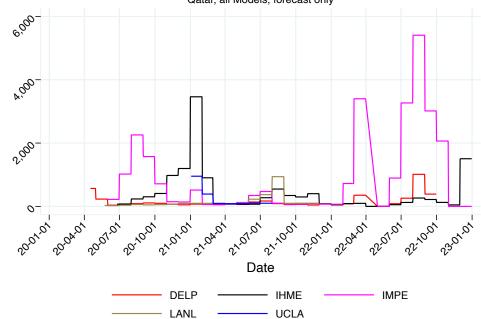






C19 daily deaths, average median absolute percent error

Qatar, all Models, forecast only



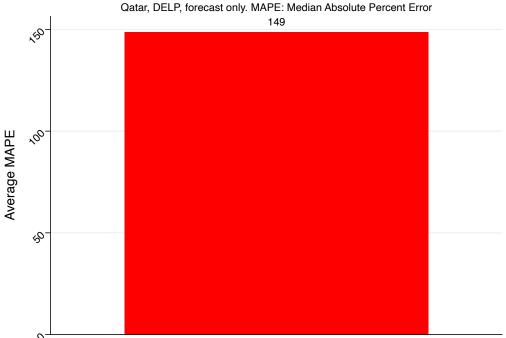
Daily deaths error measure

C19 daily deaths, average median absolute percent error Qatar, all Models, forecast only; smoothed for better viewing 000-Daily deaths error measure V/00_ 500-0-Date **DELP** IHME **IMPE**

UCLA

LANL

C19 daily deaths average MAPE over updates and calendar months

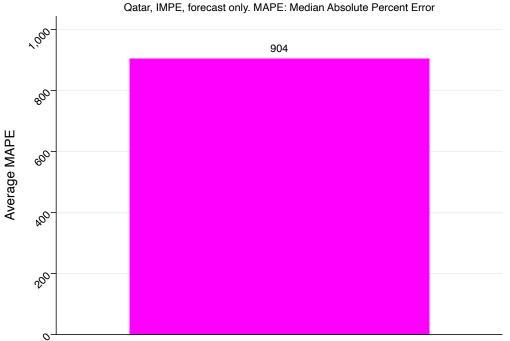


C19 daily deaths average MAPE over updates and calendar months Qatar, IHME, forecast only. MAPE: Median Absolute Percent Error 411 300-200-*~oo-*

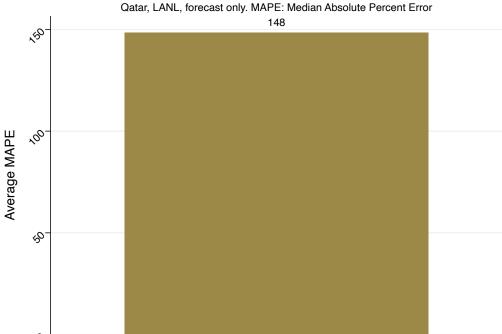
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Average MAPE

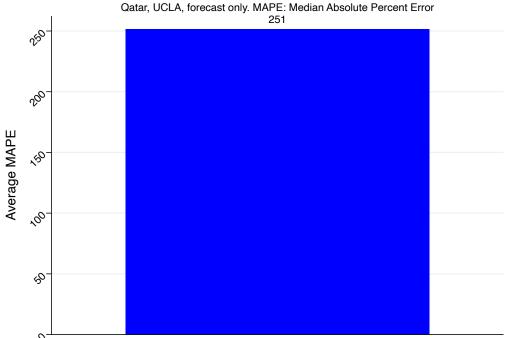
C19 daily deaths average MAPE over updates and calendar months



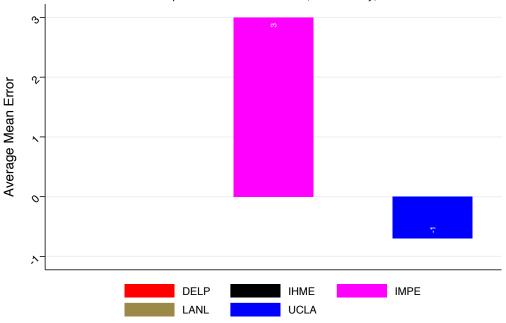
C19 daily deaths average MAPE over updates and calendar months



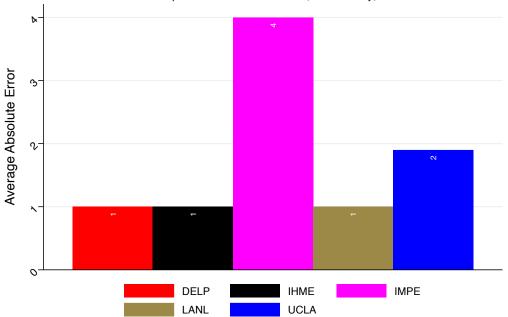
C19 daily deaths average MAPE over updates and calendar months



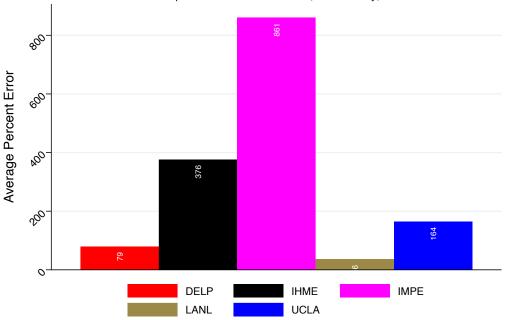
C19 daily deaths average of Mean Error



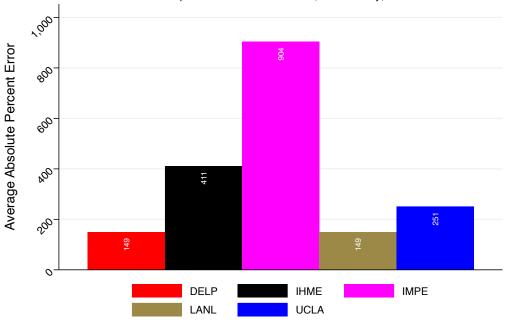
C19 daily deaths average of Absolute Error



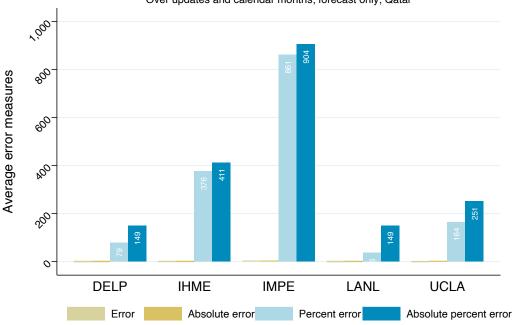
C19 daily deaths average of Percent Error



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

