

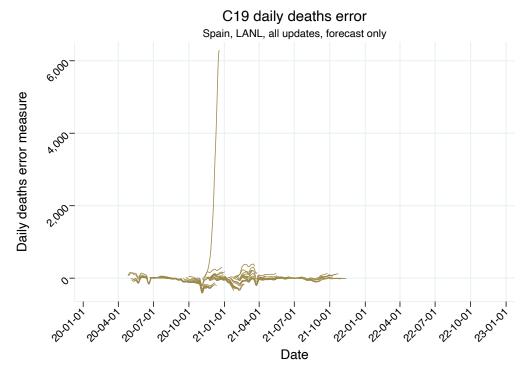
C19 daily deaths error Spain, all Models, all updates, forecast only 6000-Daily deaths error measure Y000-5000-0potal pokal potal proal tara, tara, tara, traca, sara, sara, sara, sara, sara, sara, Date **DELP** IHME **IMPE UCLA** LANL YYGU

C19 daily deaths error Spain, DELP, all updates, forecast only 100-Daily deaths error measure 600-0pokot polot proof ratal rakat ratal risot potot pokot polot proof potot

Date

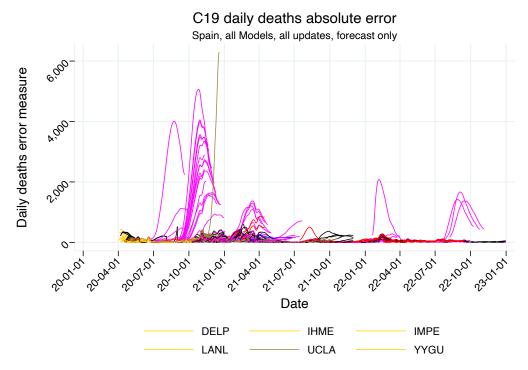
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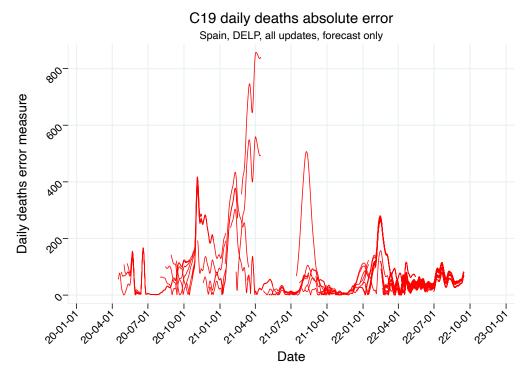
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C19 daily deaths error Spain, UCLA, all updates, forecast only MO-Daily deaths error measure 200-0-300got of god of got of grape Date

C19 daily deaths error Spain, YYGU, all updates, forecast only MO-Daily deaths error measure 200-0-300pot of pot of pot of proof rato, supply stated striped so to Date

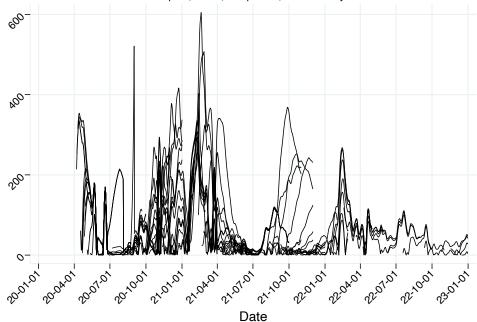


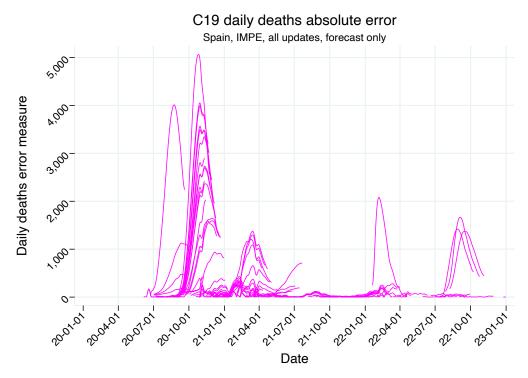


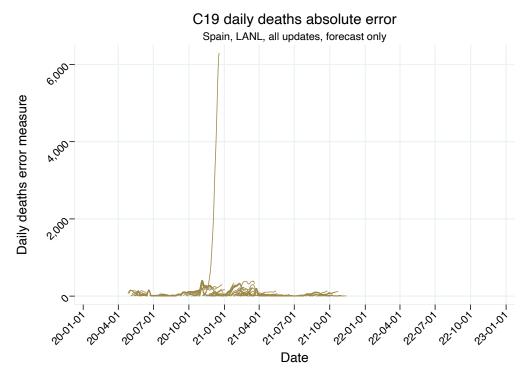
Daily deaths error measure

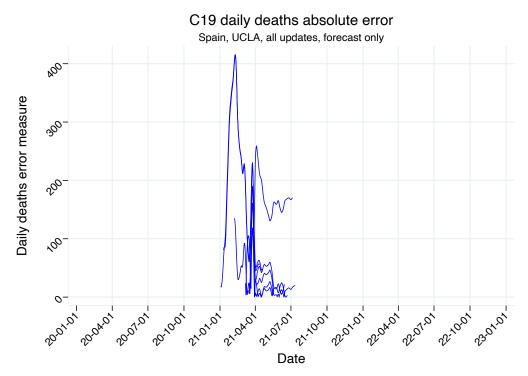
C19 daily deaths absolute error

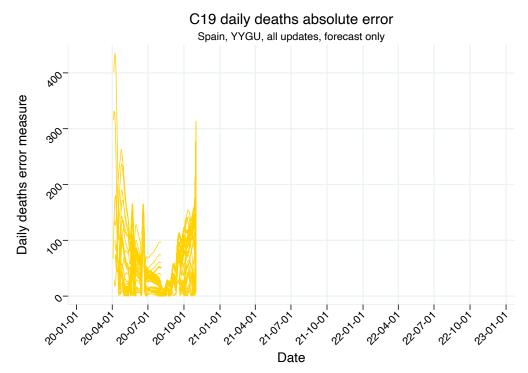


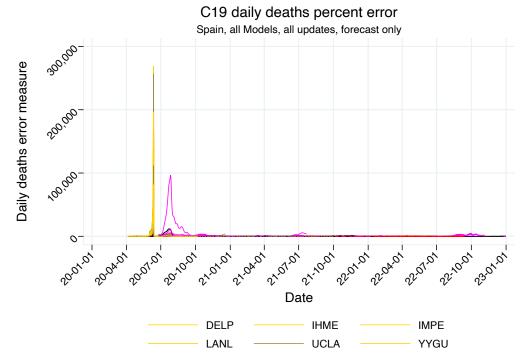




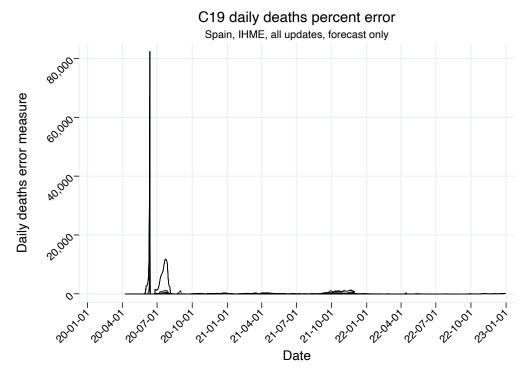








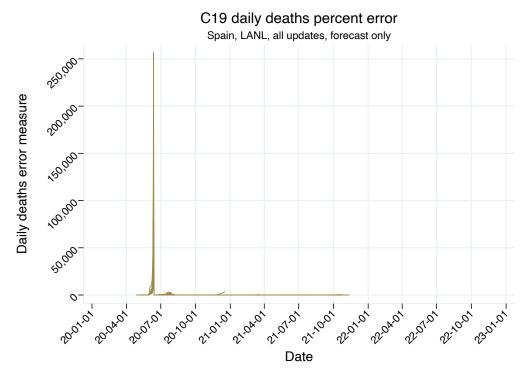
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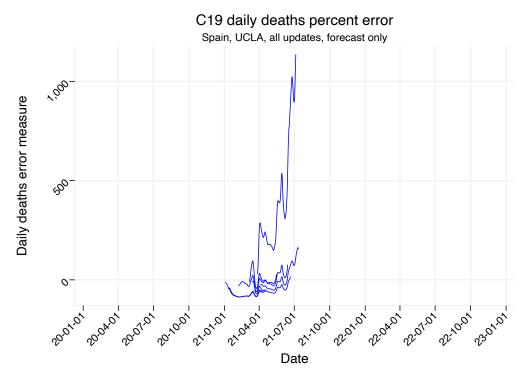


Spain, IMPE, all updates, forecast only ,00,00⁻ 80,000-Daily deaths error measure 0000-*0'000_ 50,000-0potal pokal potal prata rakal rakal ratal pratal pokal pokal prical potal

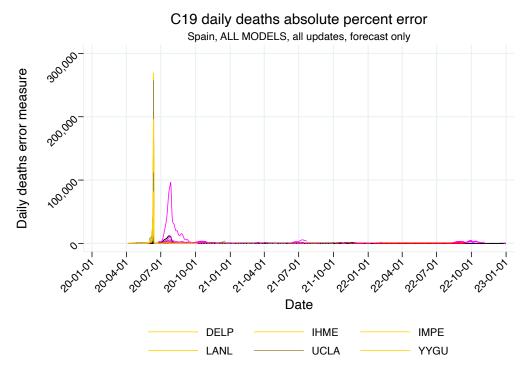
C19 daily deaths percent error

Date

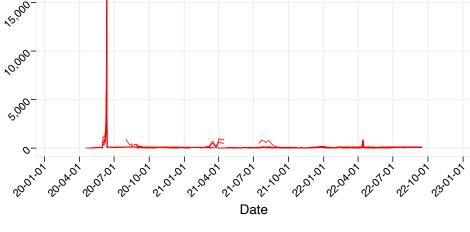




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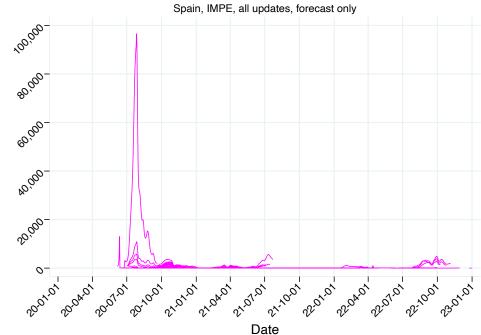
C19 daily deaths absolute percent error Spain, DELP, all updates, forecast only 50,00 Daily deaths error measure 10000-



C19 daily deaths absolute percent error Spain, IHME, all updates, forecast only Daily deaths error measure 60,00 paiai pakai paiai piaai pakai pakai paiai praai pakai pakai paiai piaai palai

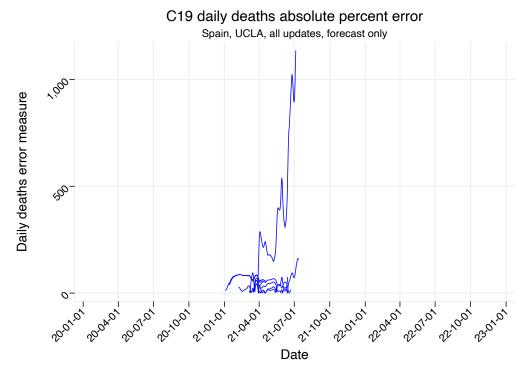
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C19 daily deaths absolute percent error

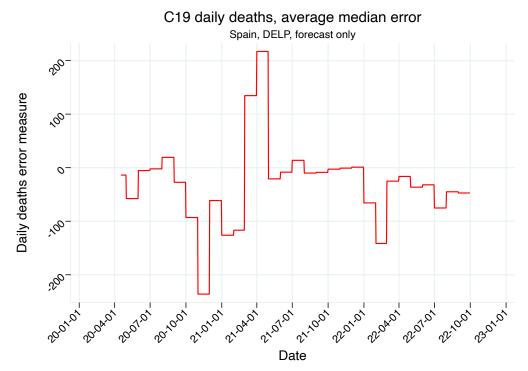


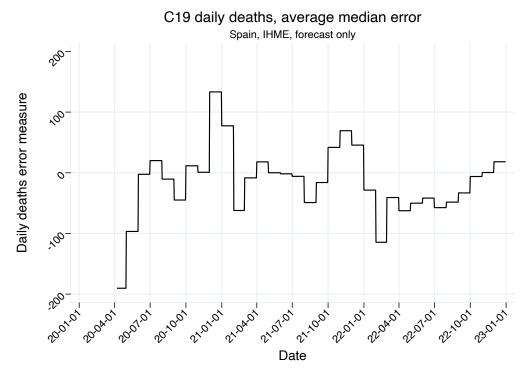
Daily deaths error measure

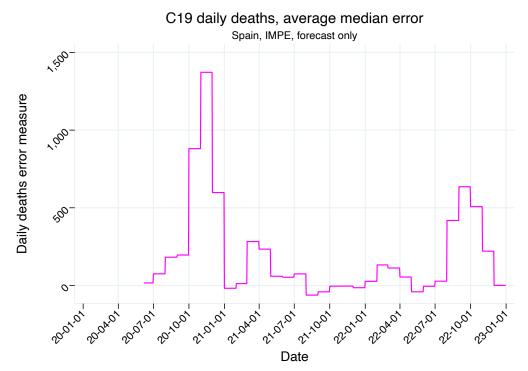
C19 daily deaths absolute percent error Spain, LANL, all updates, forecast only Daily deaths error measure 100,00 20,000-0poi o por poi o pro rato rato rato rico para para para para Date

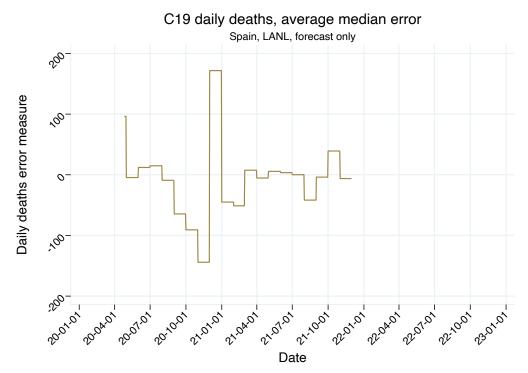


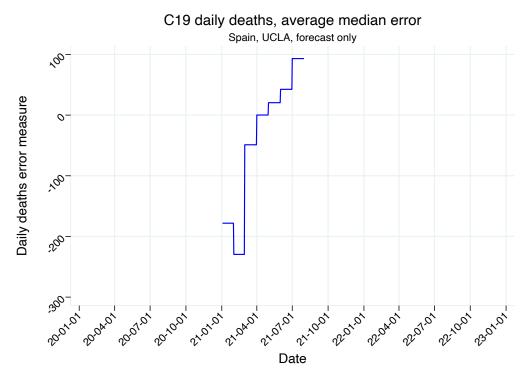
C19 daily deaths absolute percent error Spain, YYGU, all updates, forecast only 30,00-Daily deaths error measure point pokal point prant pakal pakal prant pot potal pokal polar priori potal Date

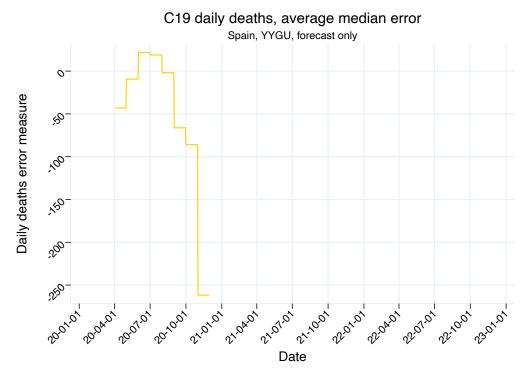


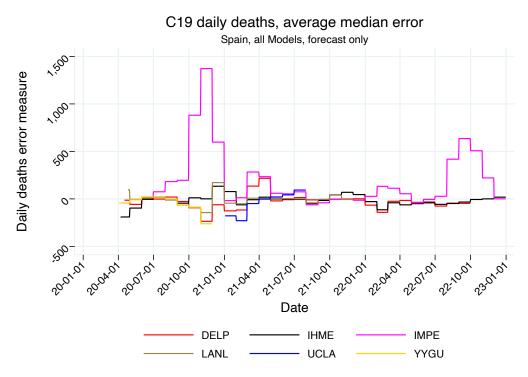




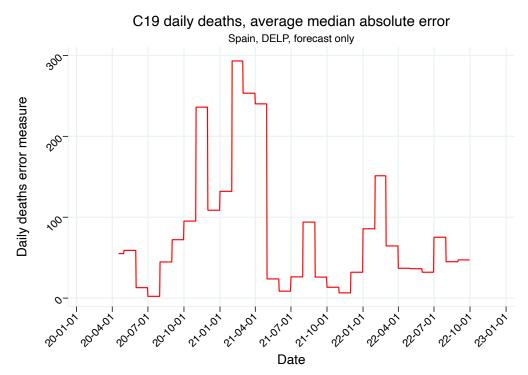


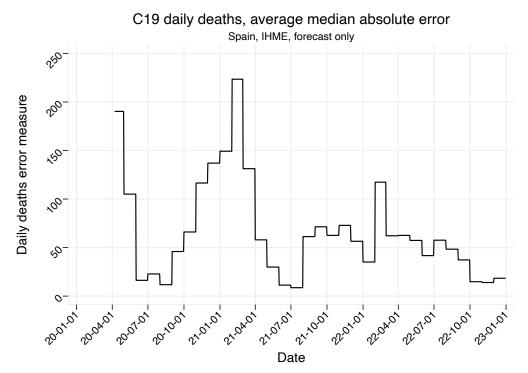


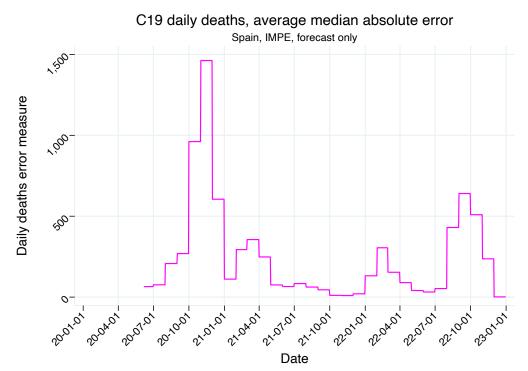


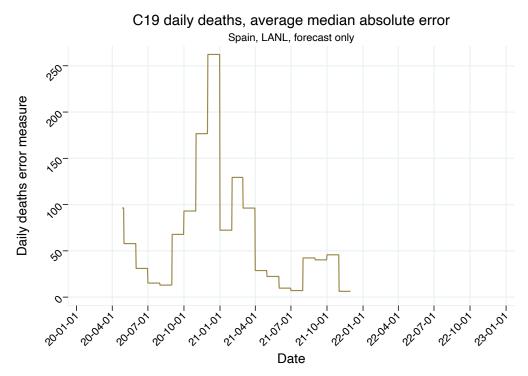


C19 daily deaths, average median error Spain, all Models, forecast only; smoothed for better viewing 1,500-Daily deaths error measure 100-600-0-Date **DELP** IHME **IMPE** LANL **UCLA** YYGU

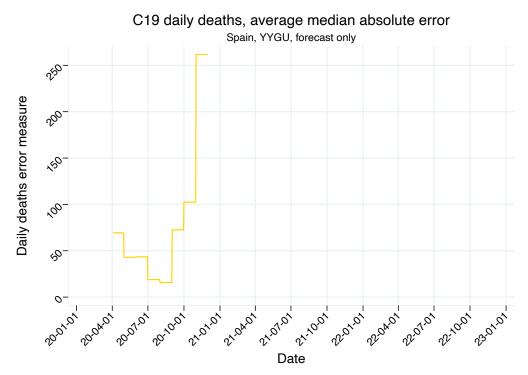


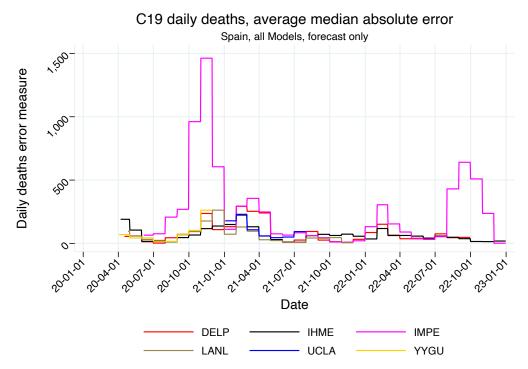


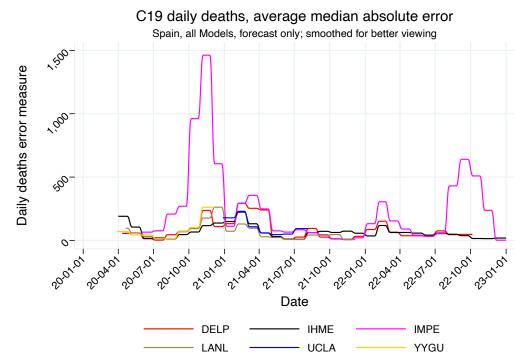




C19 daily deaths, average median absolute error Spain, UCLA, forecast only 250-Daily deaths error measure 200-160-*~00*~ palai pakai palai praai rakai ratai riaai riaai rakai ratai ratai Date

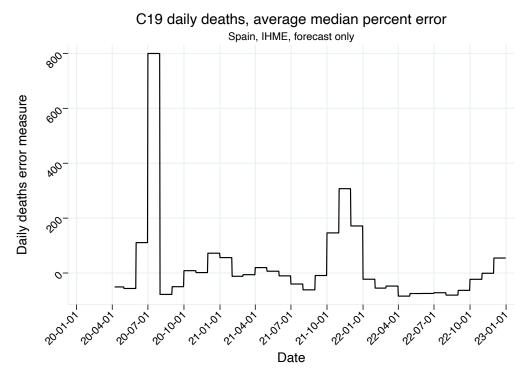


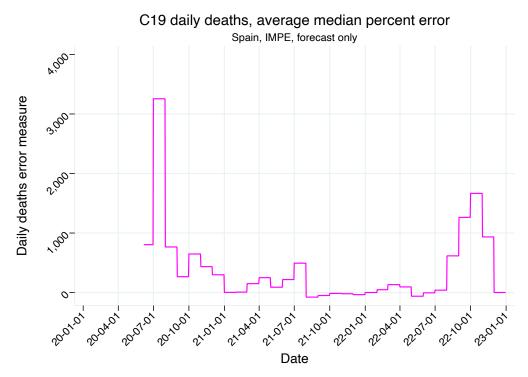


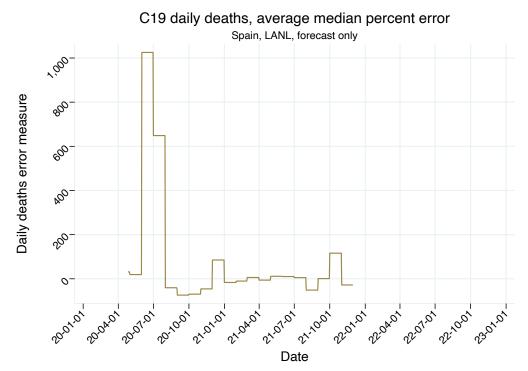


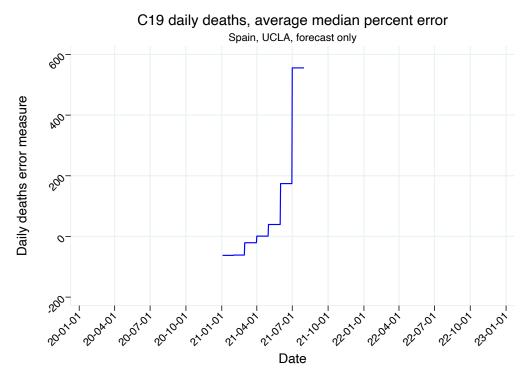
C19 daily deaths, average median percent error Spain, DELP, forecast only 300-Daily deaths error measure 200-,00° 0patai pakai patai paraai pakai pakai patai pakai pakai patai peraai

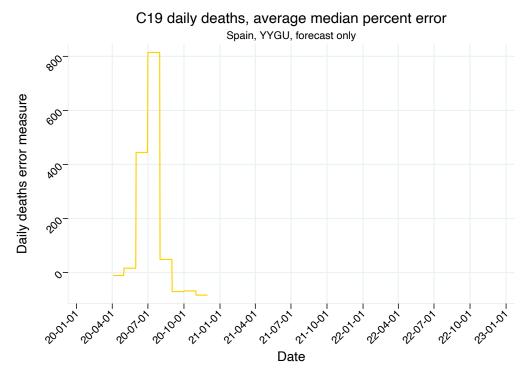
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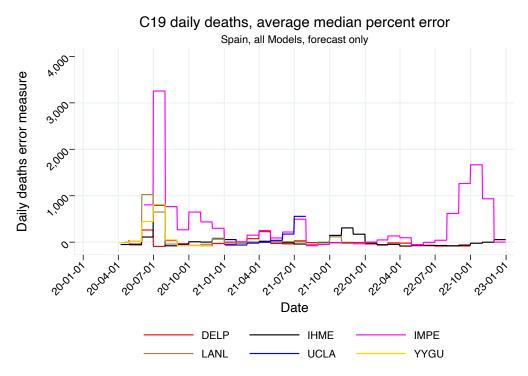


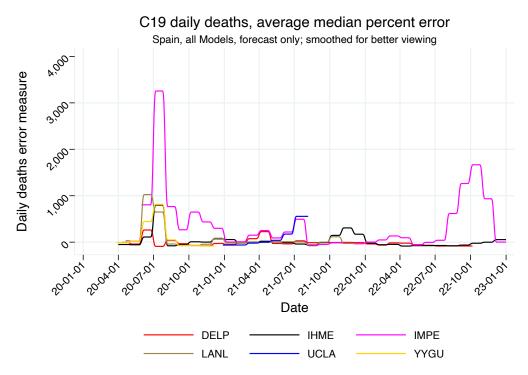










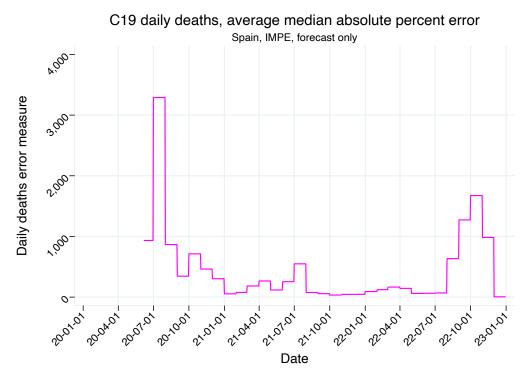


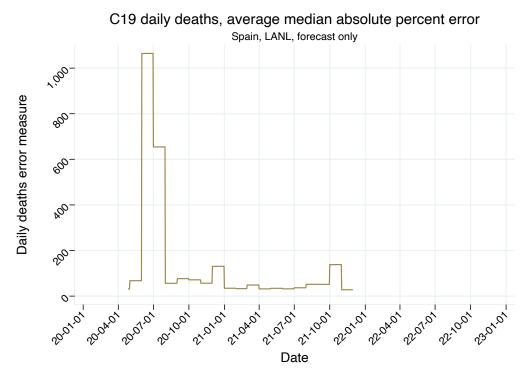
C19 daily deaths, average median absolute percent error Spain, DELP, forecast only MO-Daily deaths error measure 300-200-,00⁻ 0potot pokot potot proof profet proket profet profet pokot profet proof potot

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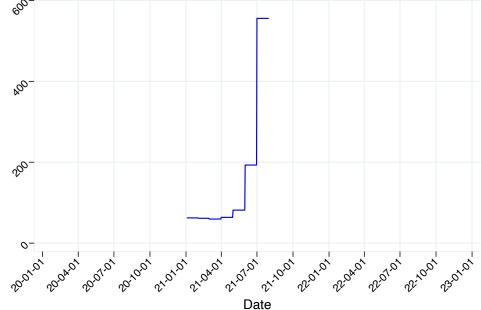
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Date

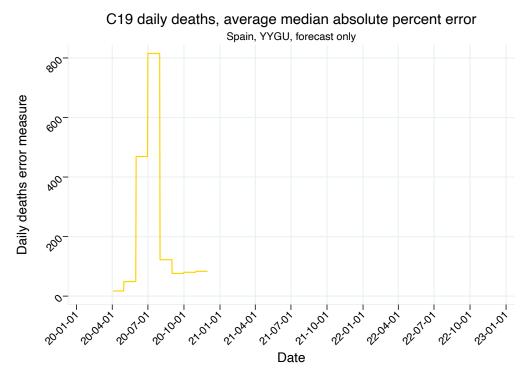




C19 daily deaths, average median absolute percent error Spain, UCLA, forecast only 600-

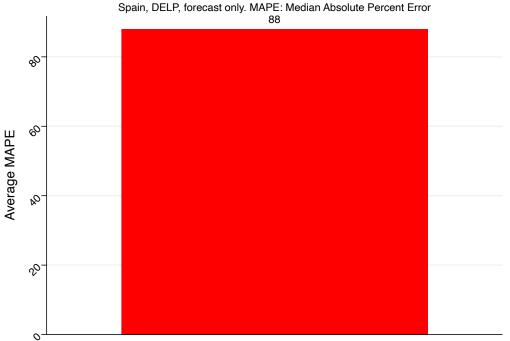


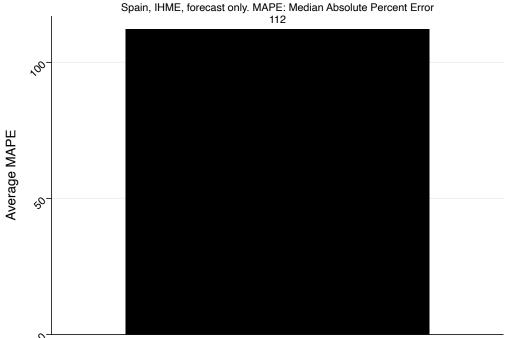
Daily deaths error measure



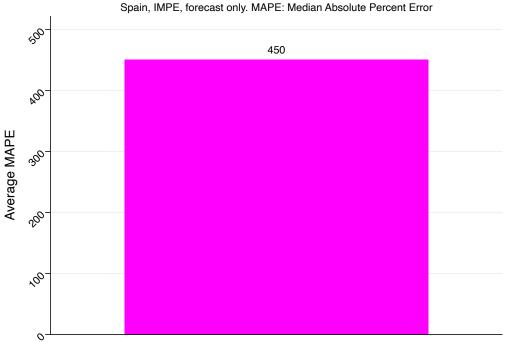
C19 daily deaths, average median absolute percent error Spain, all Models, forecast only *000_ Daily deaths error measure 3000-2000-100-0-Date **DELP** IHME **IMPE** LANL **UCLA** YYGU

C19 daily deaths, average median absolute percent error Spain, all Models, forecast only; smoothed for better viewing *'000_ Daily deaths error measure 3000-2000-100-0-Date **DELP** IHME **IMPE** LANL **UCLA** YYGU



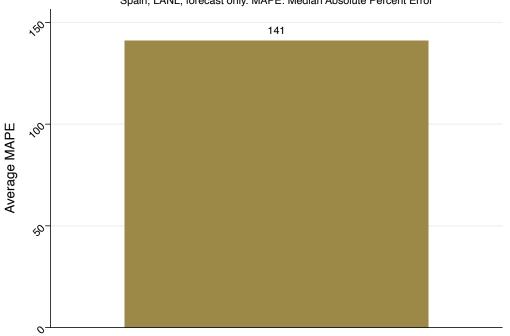


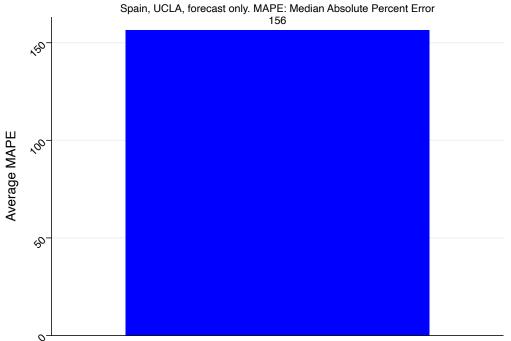
C19 daily deaths average MAPE over updates and calendar months

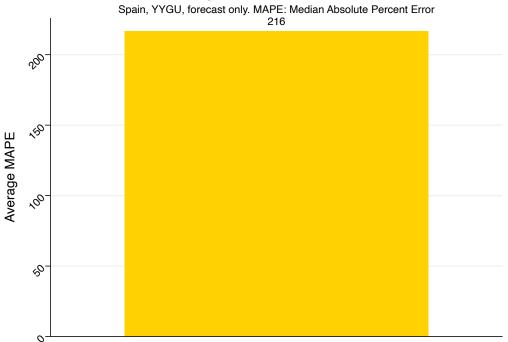


C19 daily deaths average MAPE over updates and calendar months

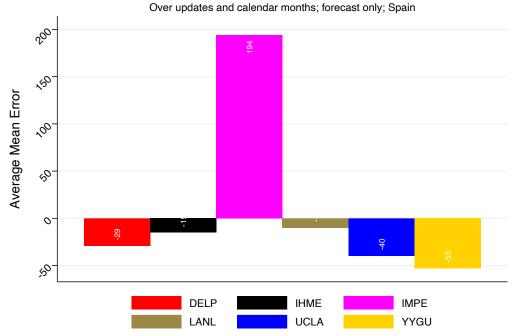
Spain, LANL, forecast only. MAPE: Median Absolute Percent Error



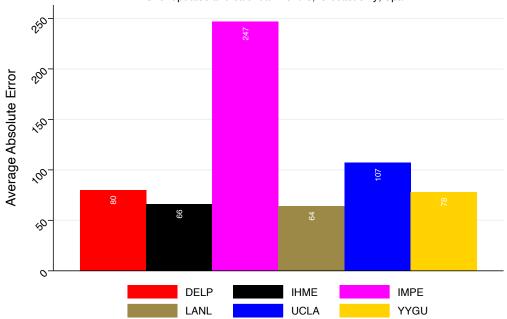




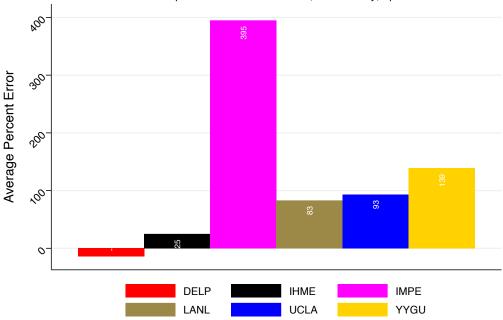
C19 daily deaths average of Mean Error



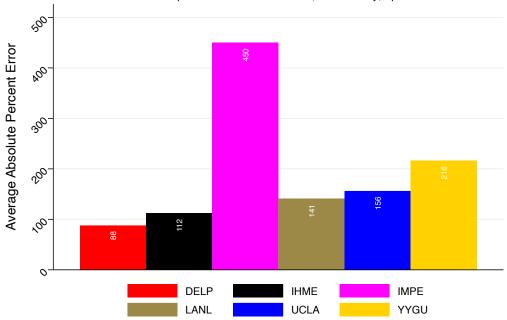
C19 daily deaths average of Absolute Error



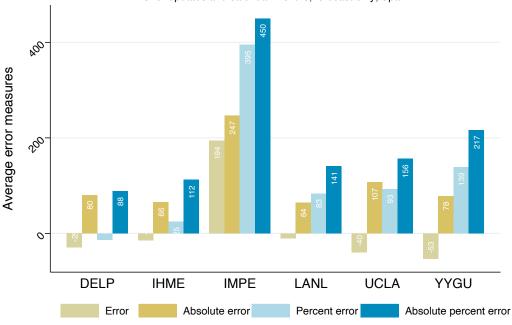
C19 daily deaths average of Percent Error



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

