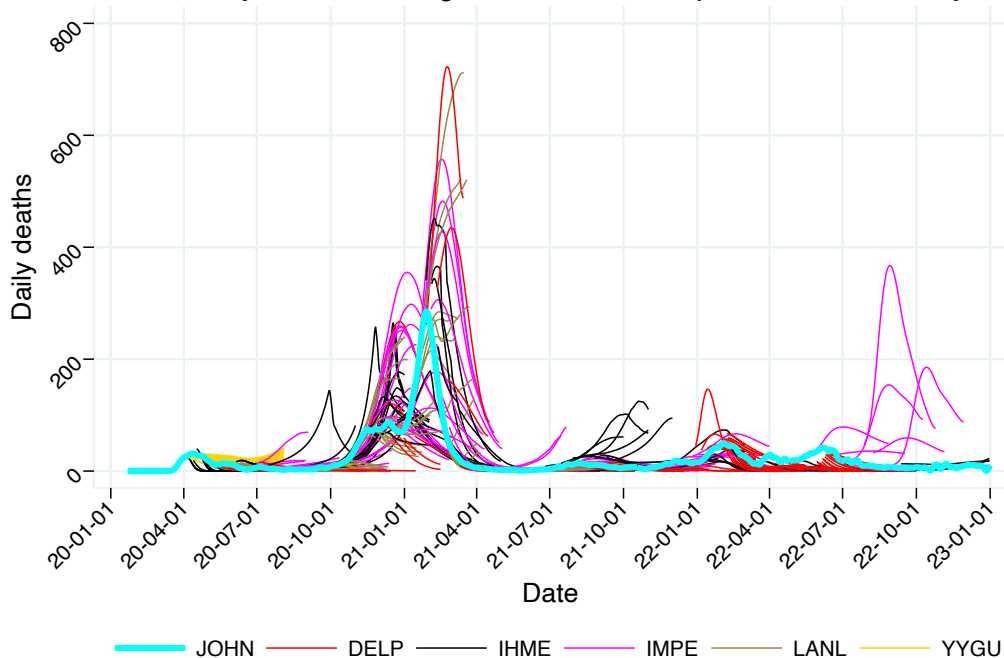
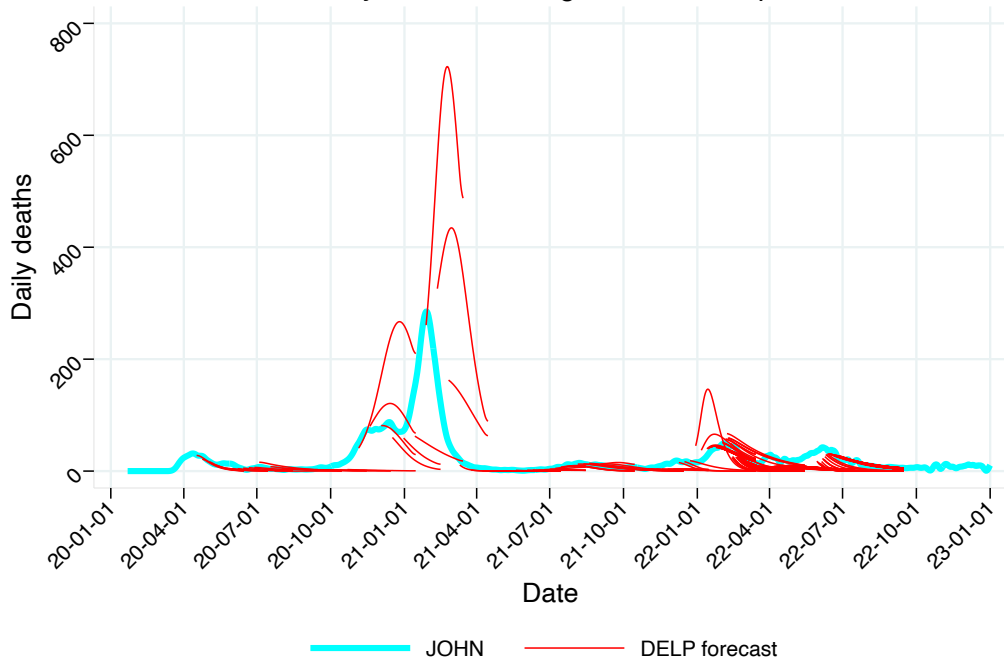


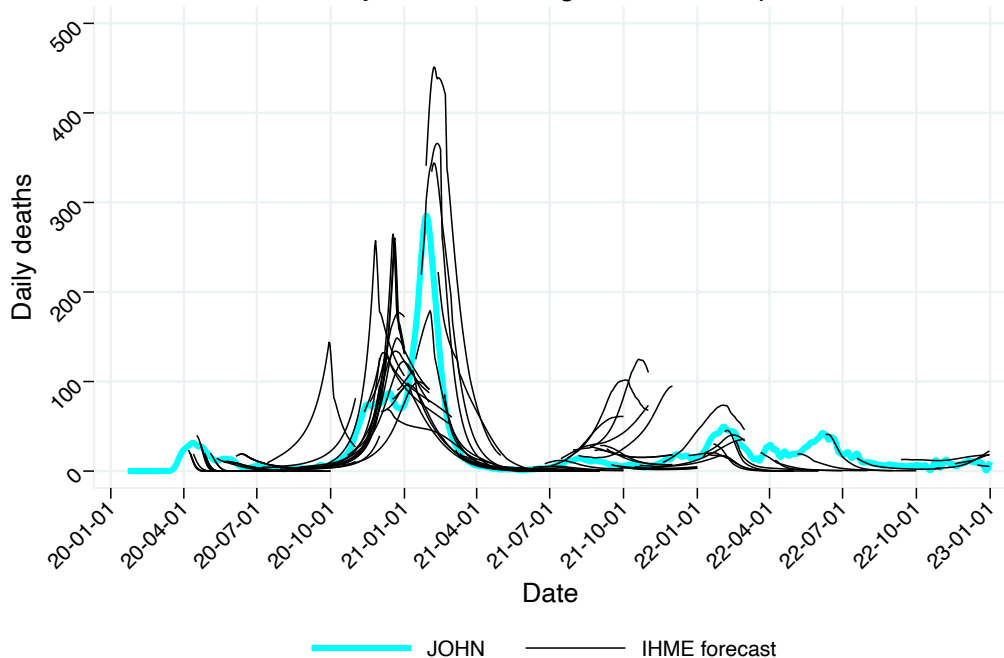
C19 daily deaths, Portugal, all models, all updates, forecast only



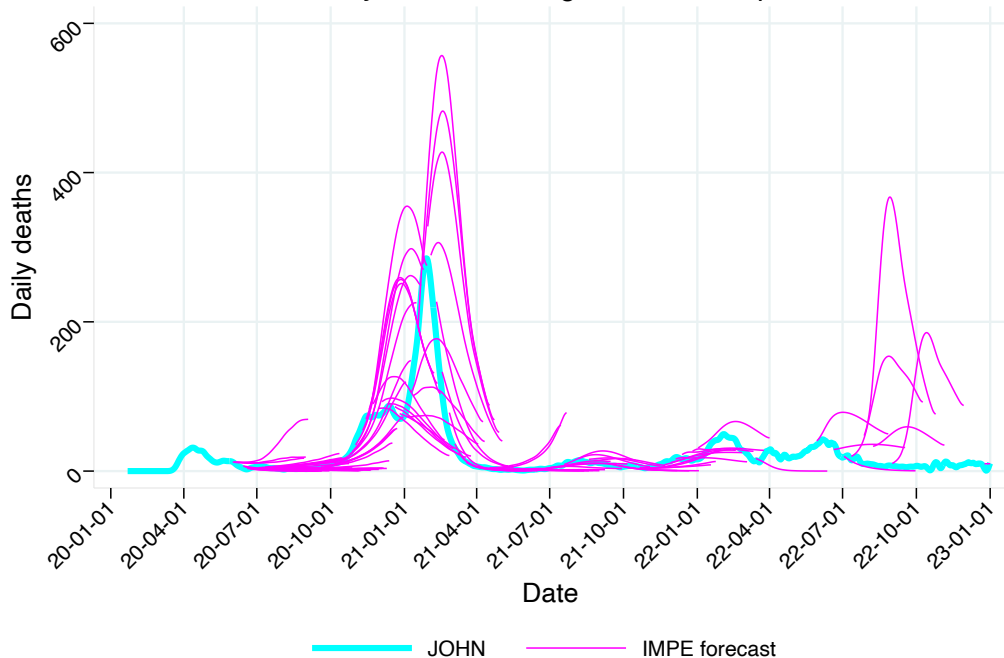
C19 daily deaths, Portugal, DELP, all updates



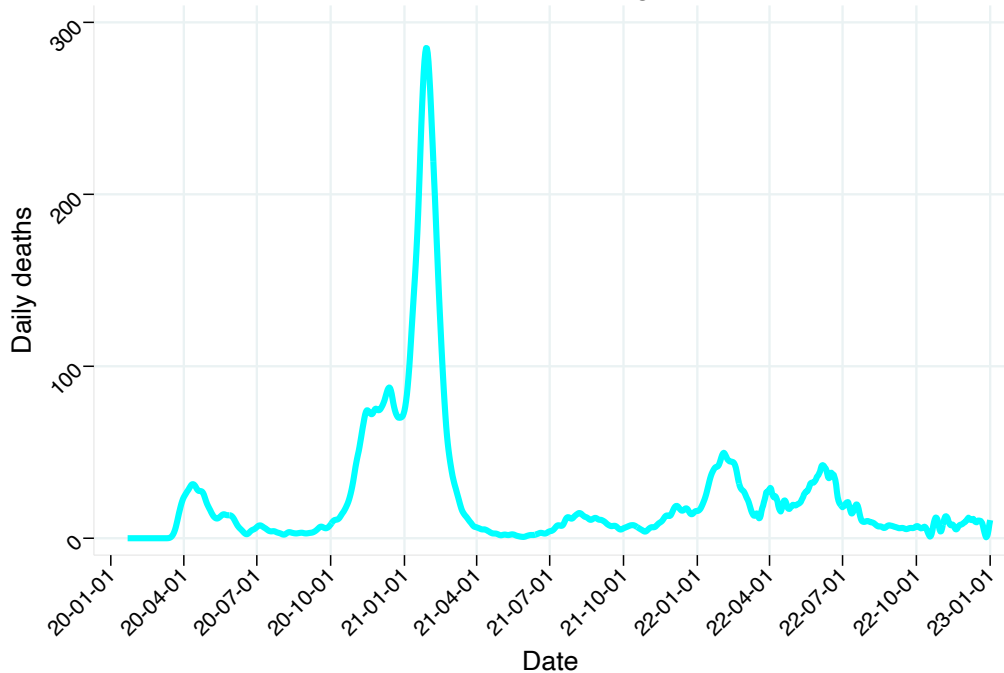
C19 daily deaths, Portugal, IHME, all updates



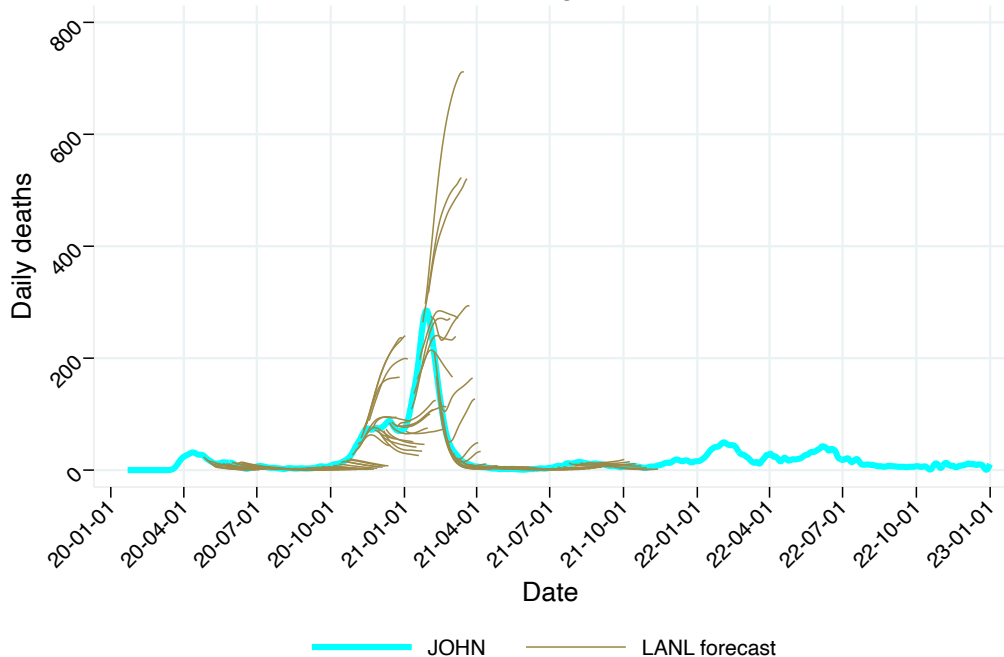
C19 daily deaths, Portugal, IMPE, all updates



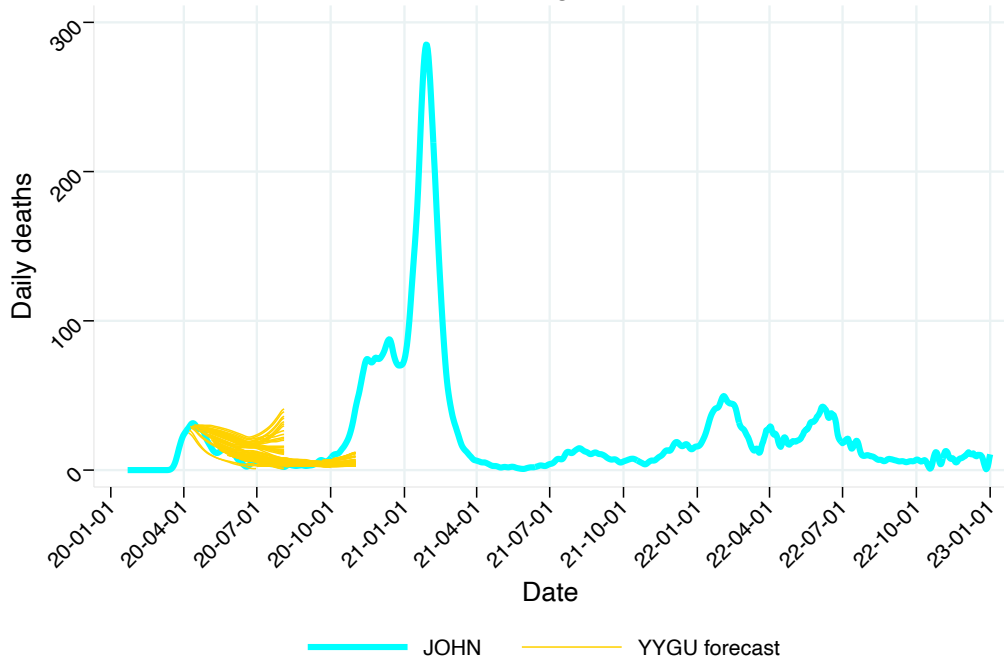
C19 daily deaths, Portugal, JOHN



C19 daily deaths, Portugal, LANL, all updates

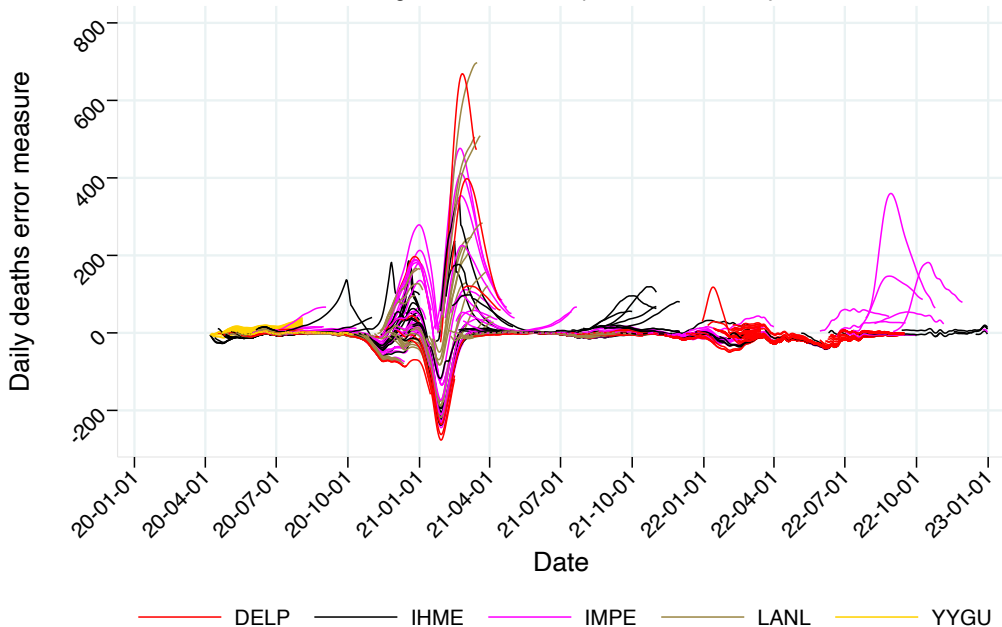


C19 daily deaths, Portugal, YYGU, all updates



# C19 daily deaths error

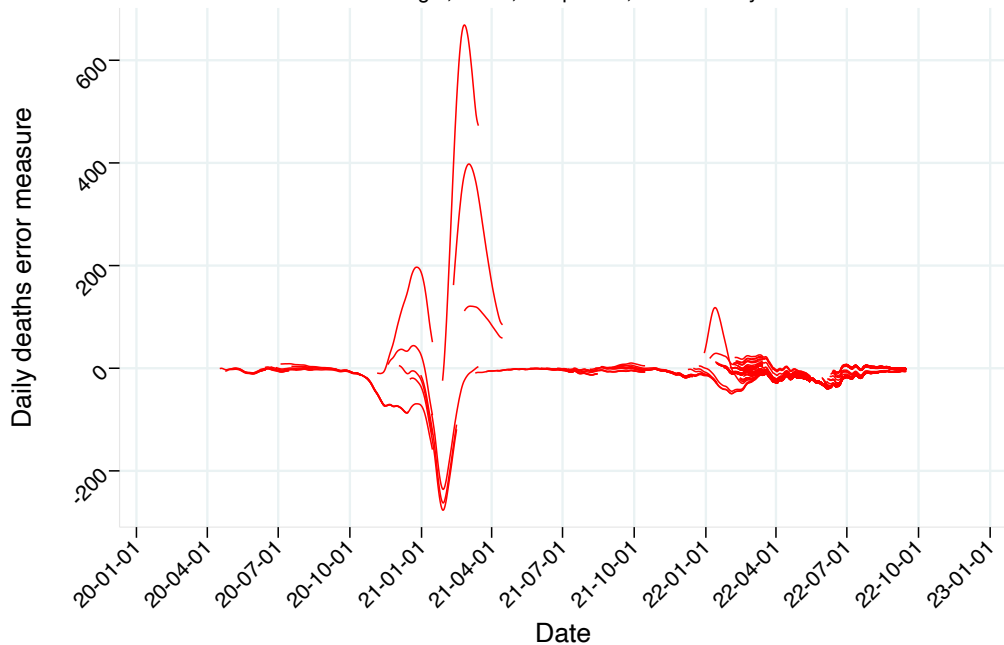
Portugal, all Models, all updates, forecast only





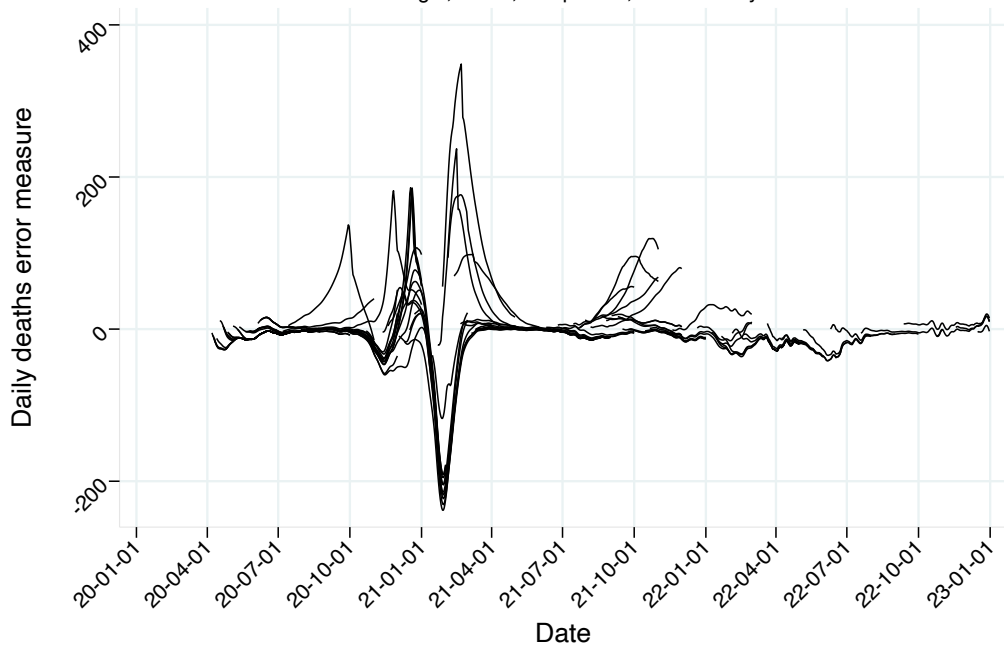
# C19 daily deaths error

Portugal, DELP, all updates, forecast only



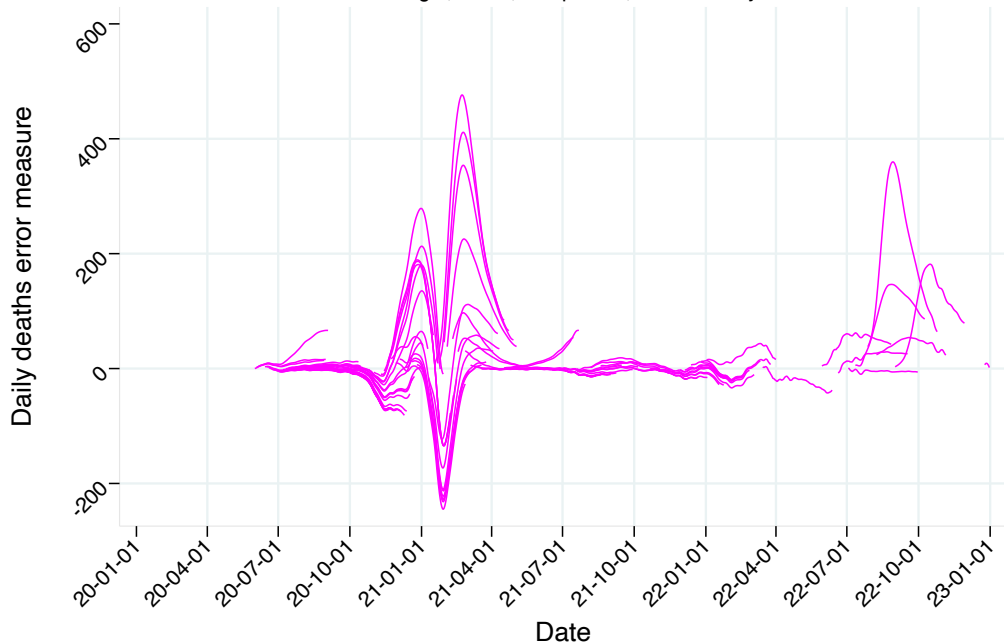
# C19 daily deaths error

Portugal, IHME, all updates, forecast only



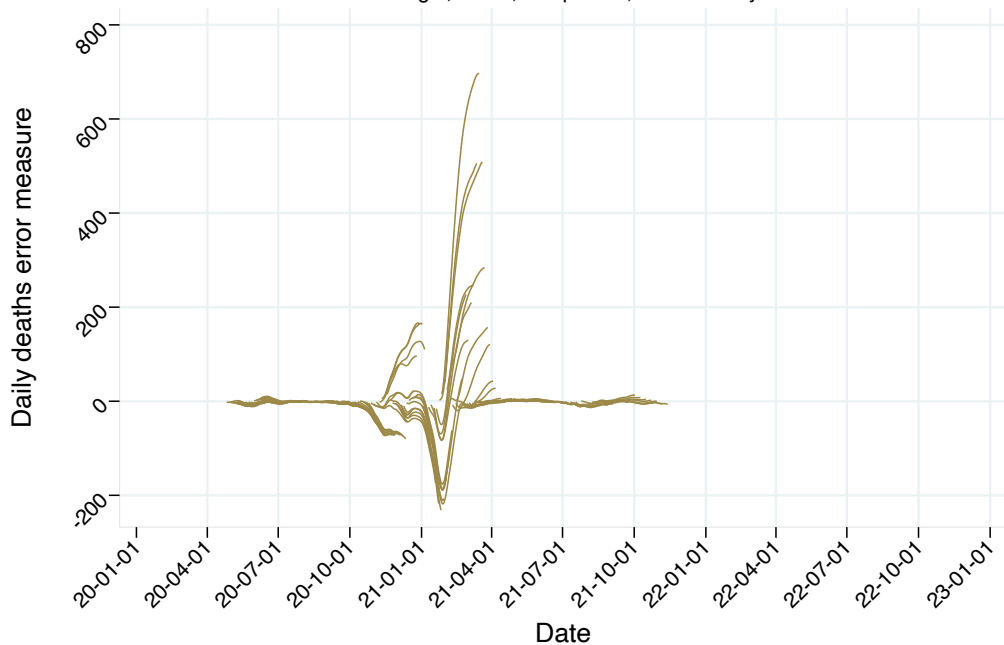
# C19 daily deaths error

Portugal, IMPE, all updates, forecast only



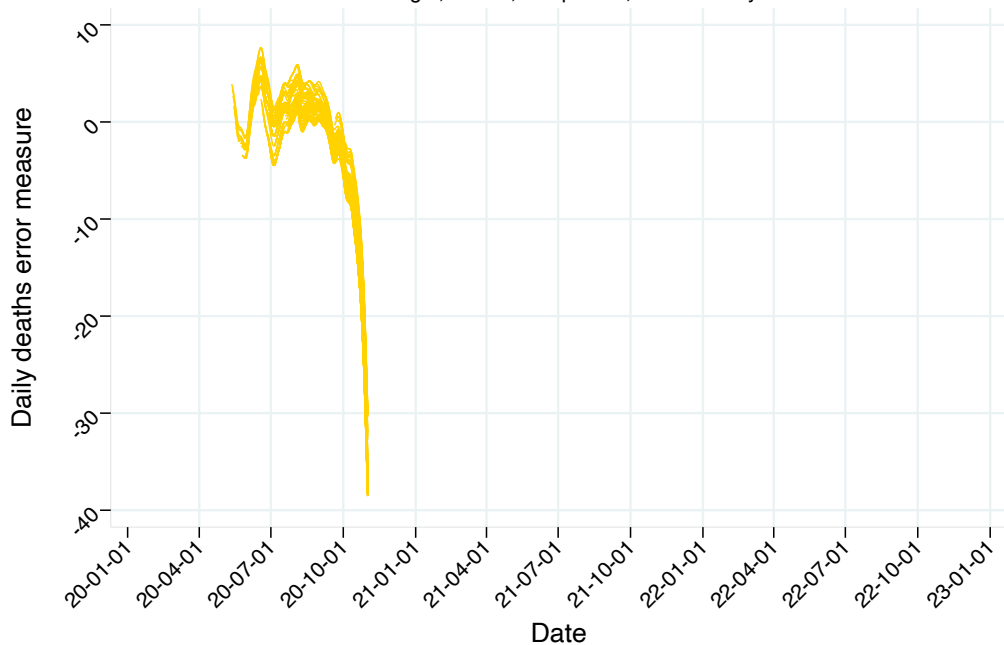
# C19 daily deaths error

Portugal, LANL, all updates, forecast only



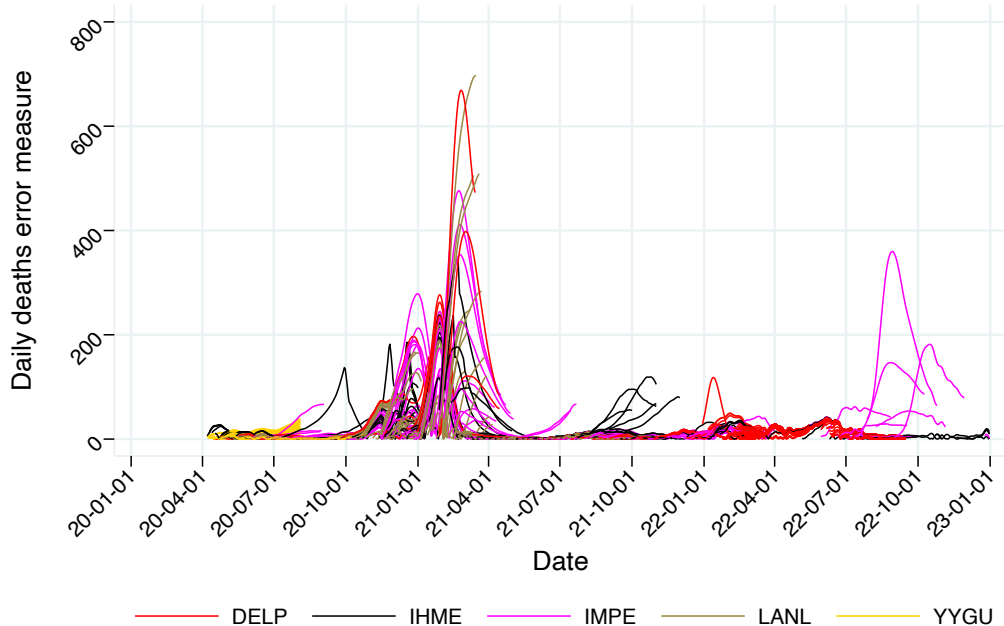
# C19 daily deaths error

Portugal, YYGU, all updates, forecast only



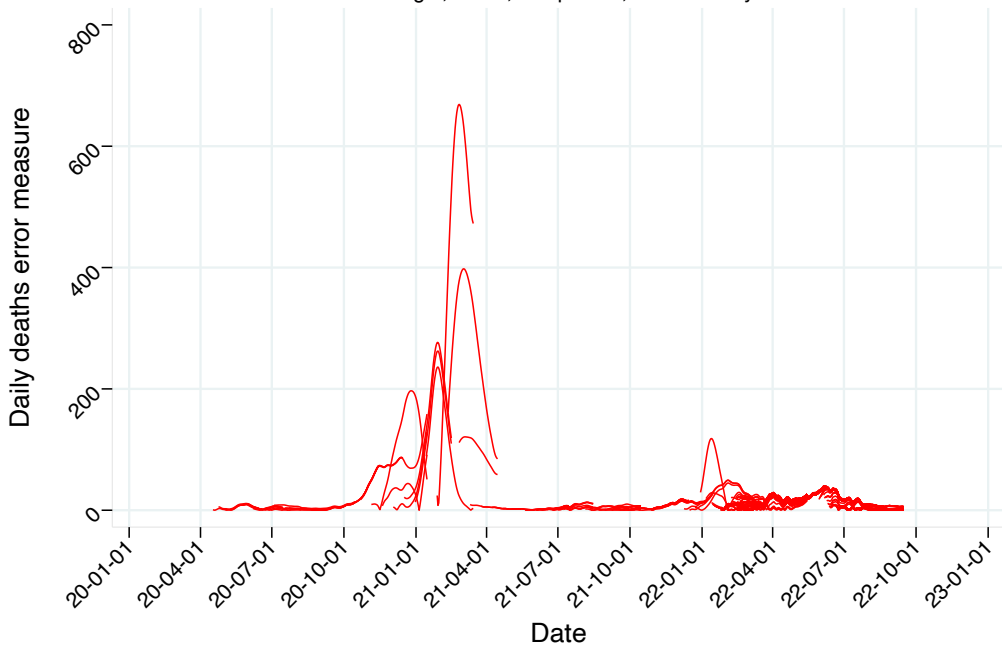
# C19 daily deaths absolute error

Portugal, all Models, all updates, forecast only



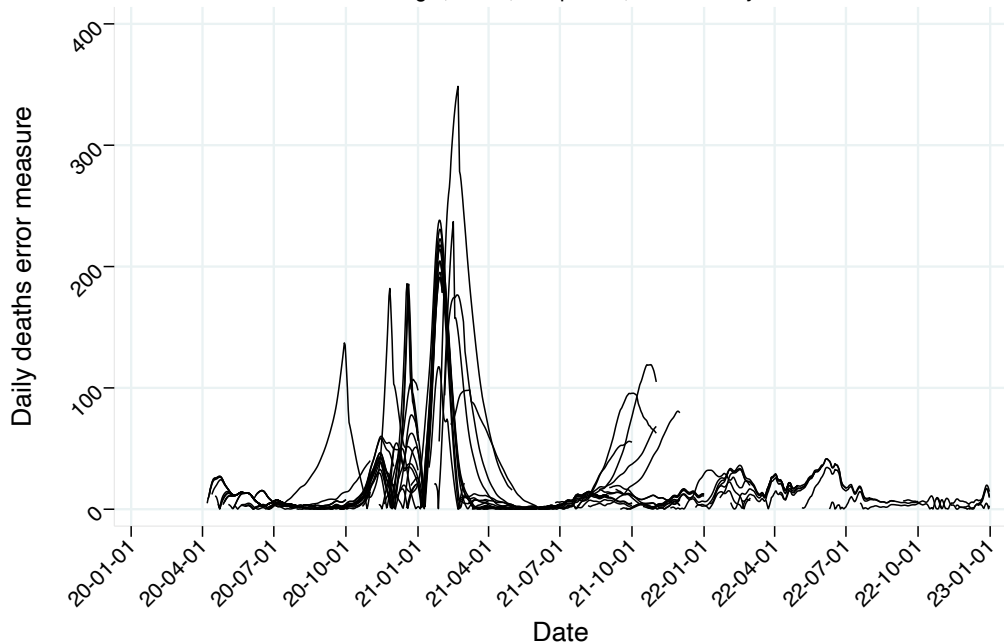
# C19 daily deaths absolute error

Portugal, DELP, all updates, forecast only



# C19 daily deaths absolute error

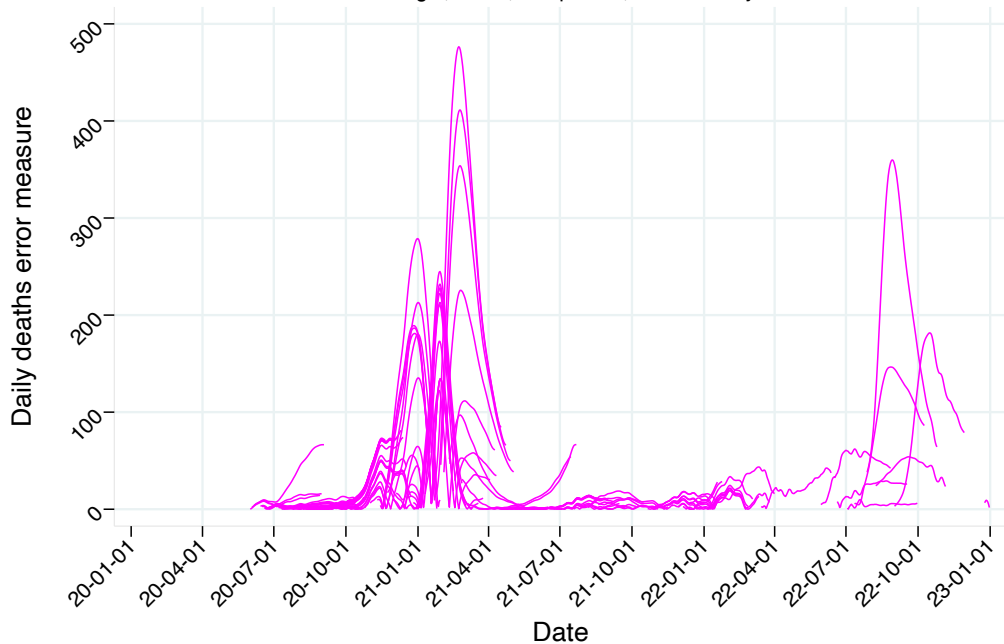
Portugal, IHME, all updates, forecast only





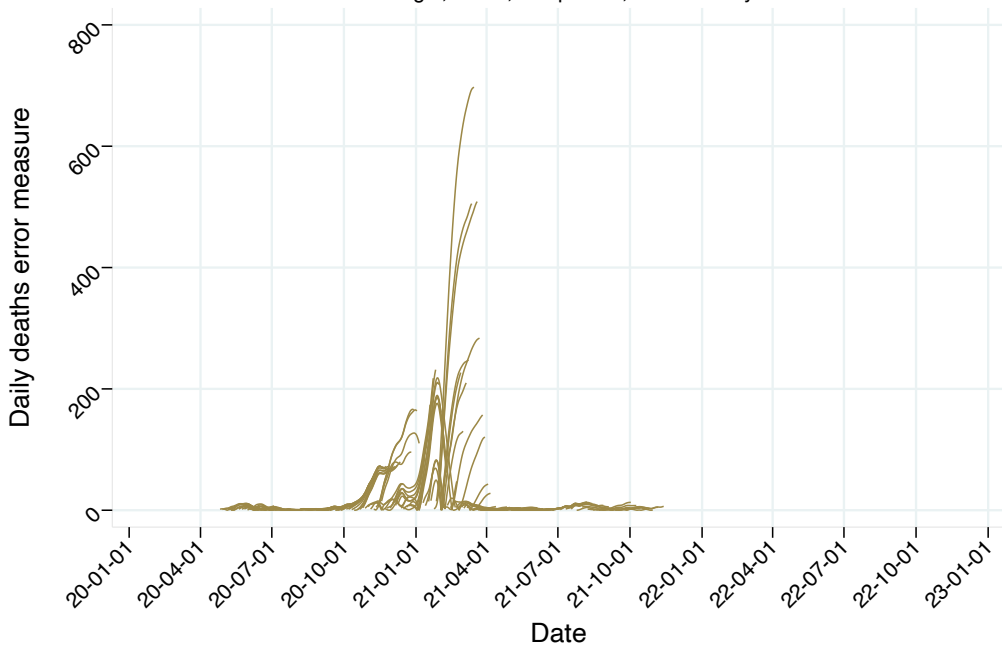
# C19 daily deaths absolute error

Portugal, IMPE, all updates, forecast only



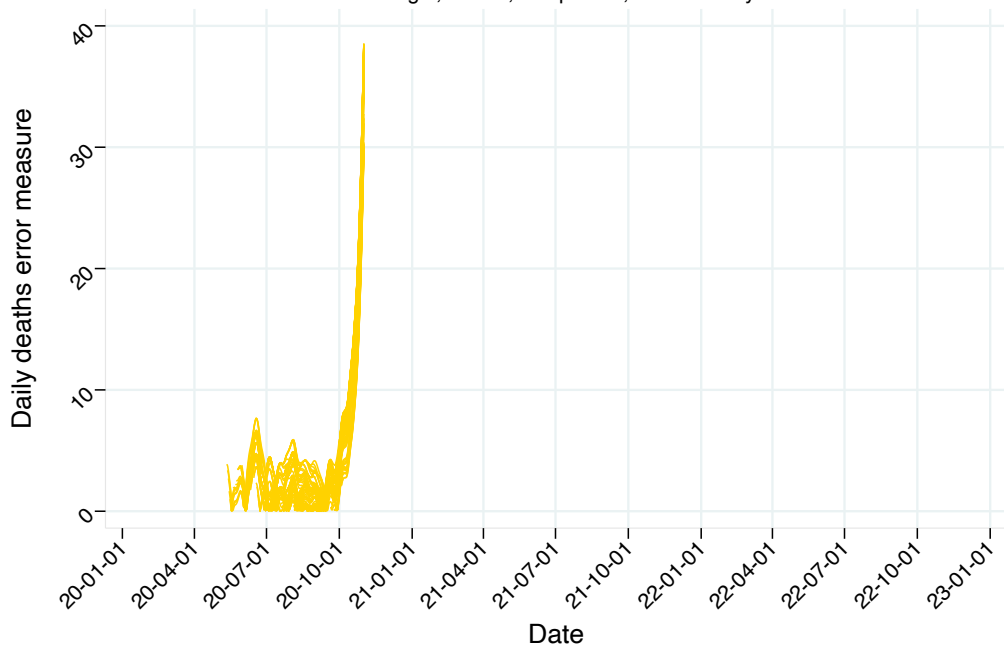
# C19 daily deaths absolute error

Portugal, LANL, all updates, forecast only



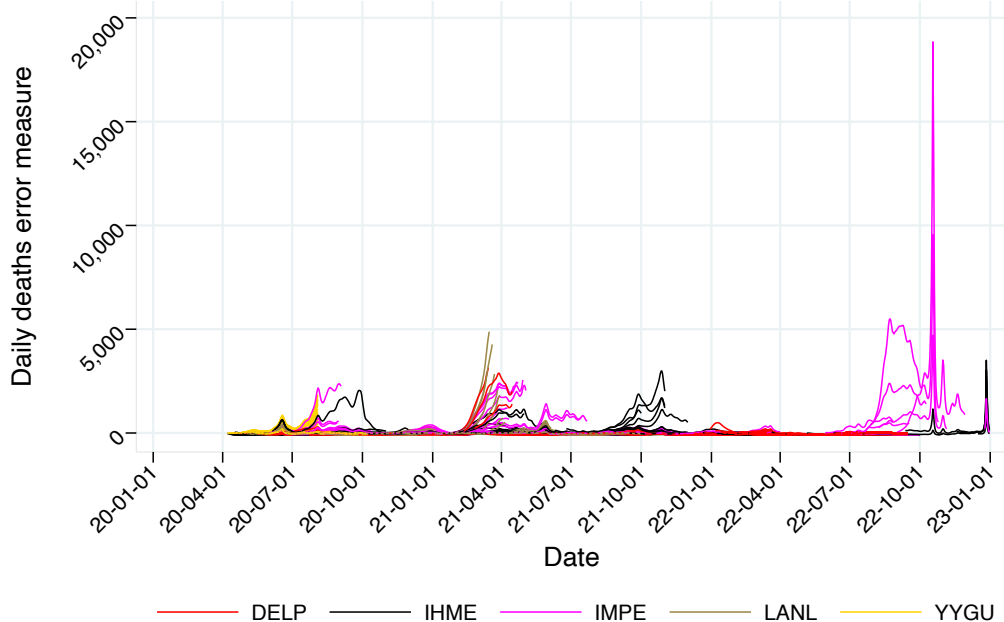
# C19 daily deaths absolute error

Portugal, YYGU, all updates, forecast only



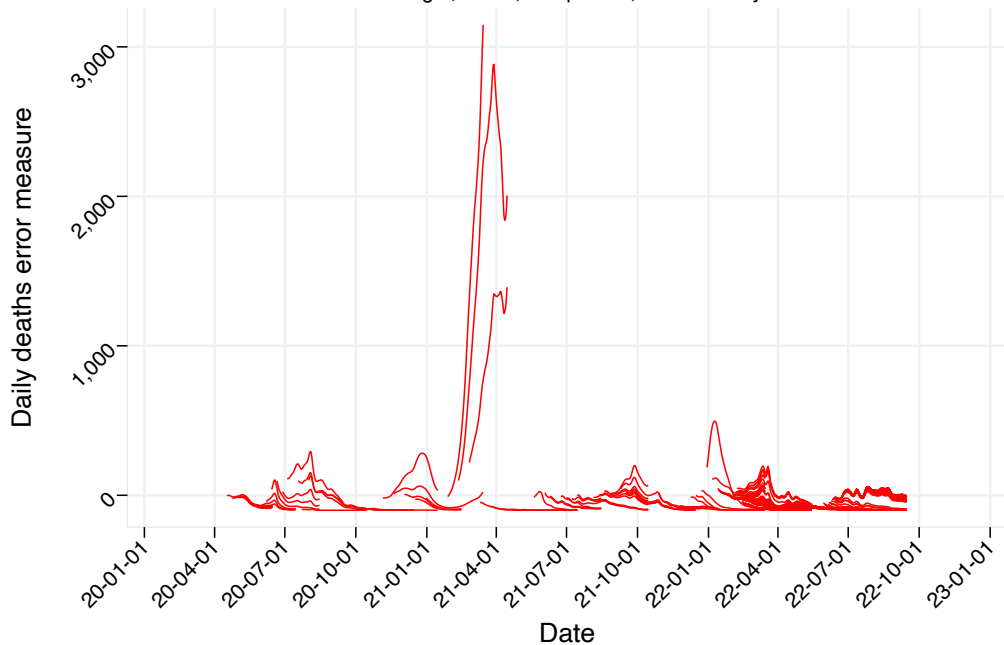
# C19 daily deaths percent error

Portugal, all Models, all updates, forecast only



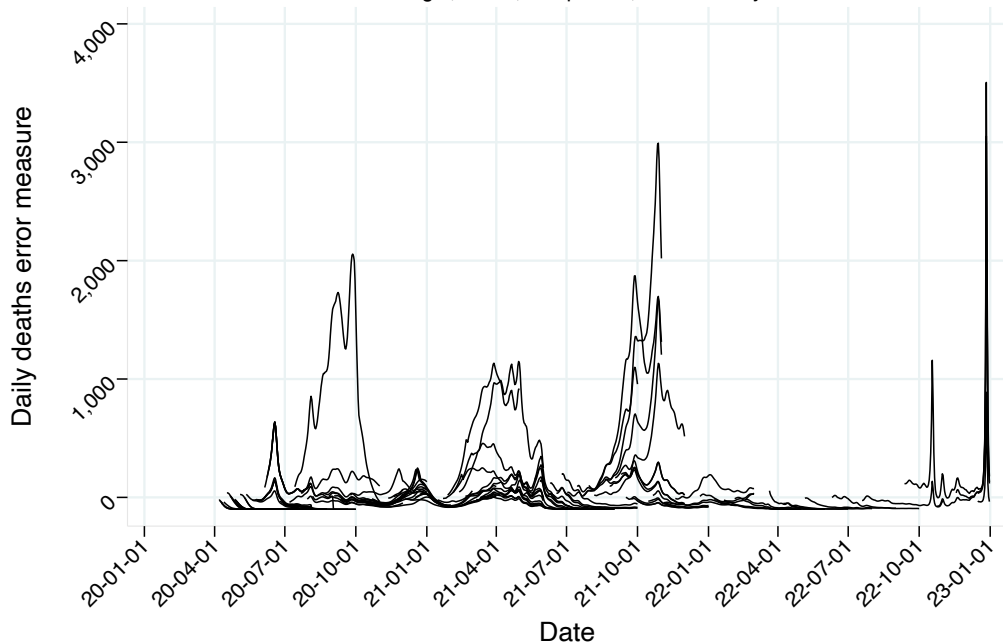
# C19 daily deaths percent error

Portugal, DELP, all updates, forecast only



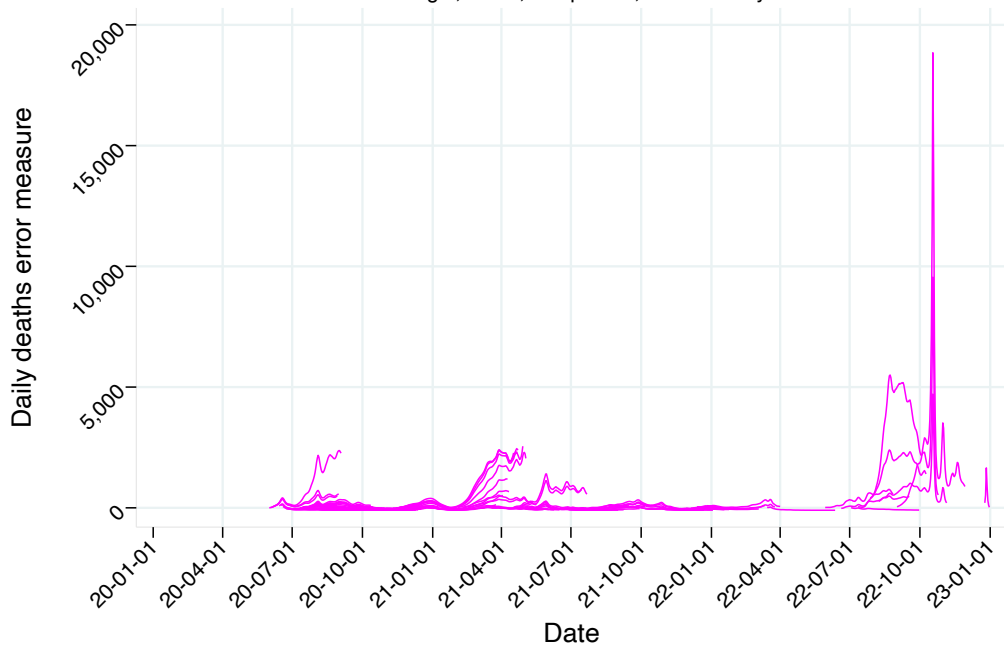
# C19 daily deaths percent error

Portugal, IHME, all updates, forecast only



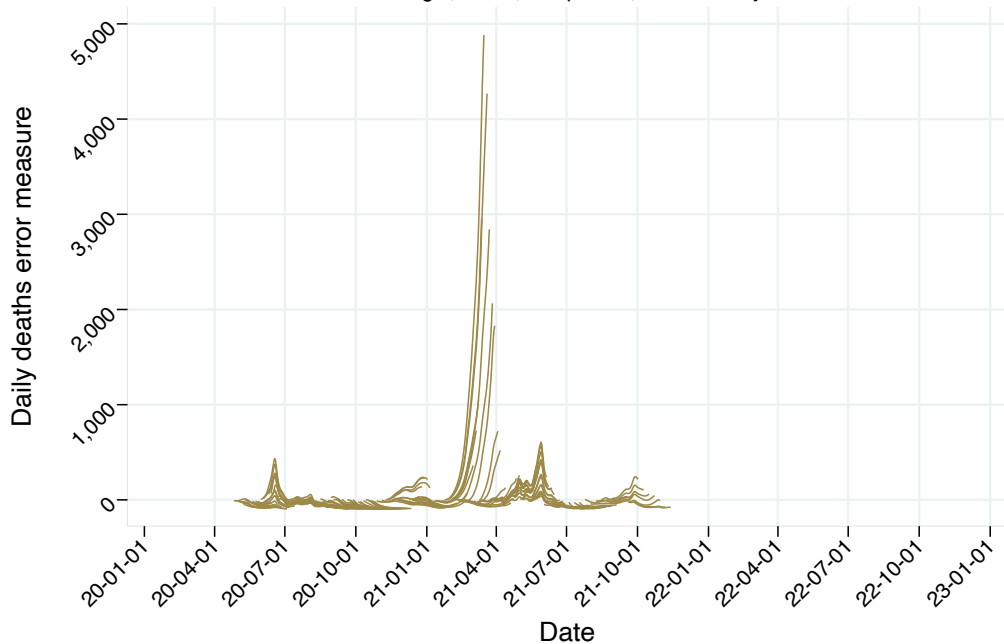
# C19 daily deaths percent error

Portugal, IMPE, all updates, forecast only



# C19 daily deaths percent error

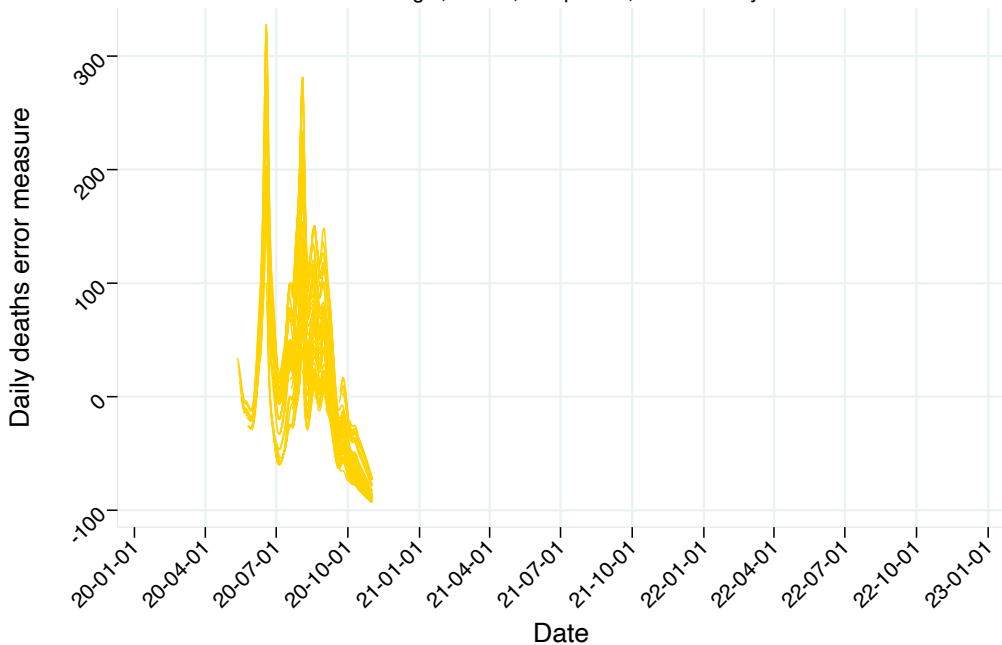
Portugal, LANL, all updates, forecast only





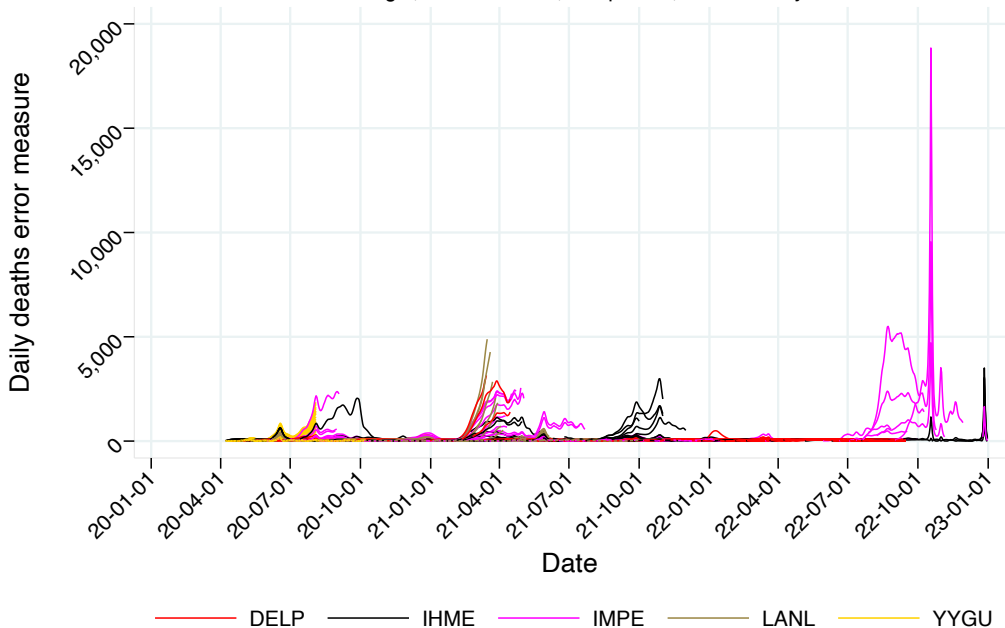
# C19 daily deaths percent error

Portugal, YYGU, all updates, forecast only



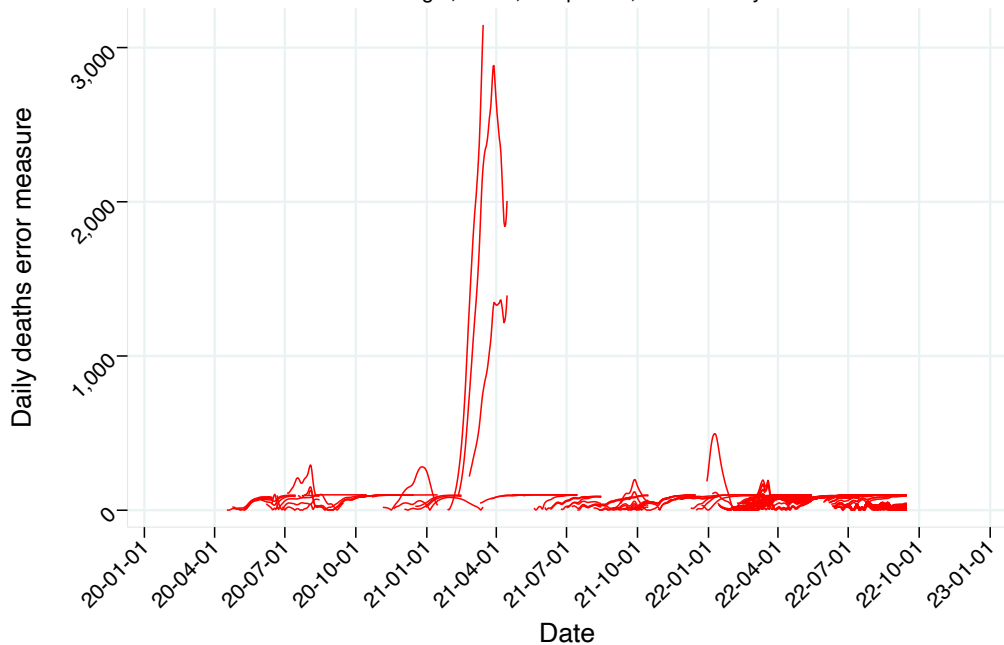
# C19 daily deaths absolute percent error

Portugal, ALL MODELS, all updates, forecast only



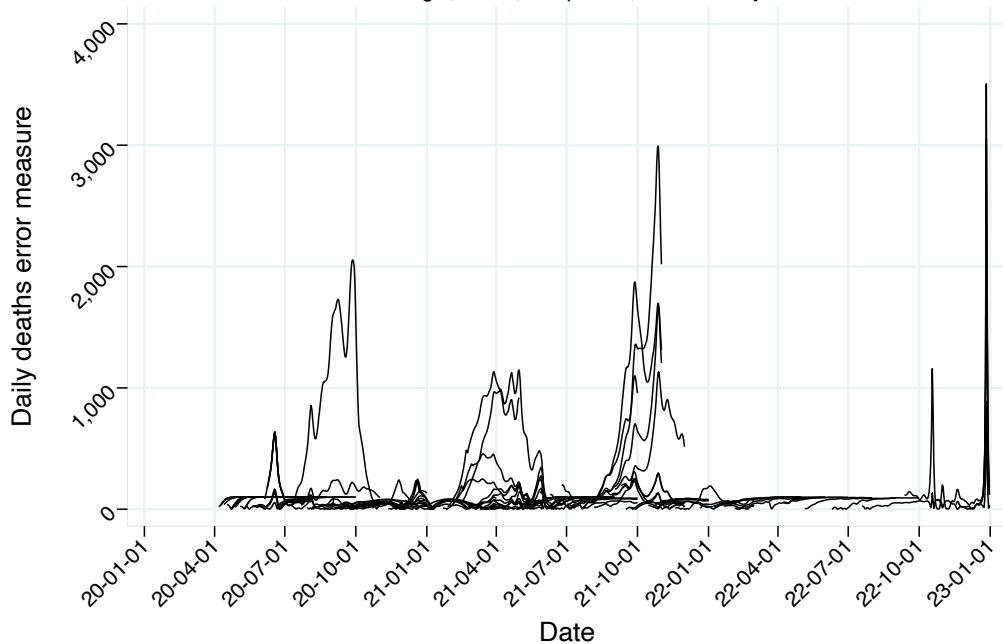
# C19 daily deaths absolute percent error

Portugal, DELP, all updates, forecast only



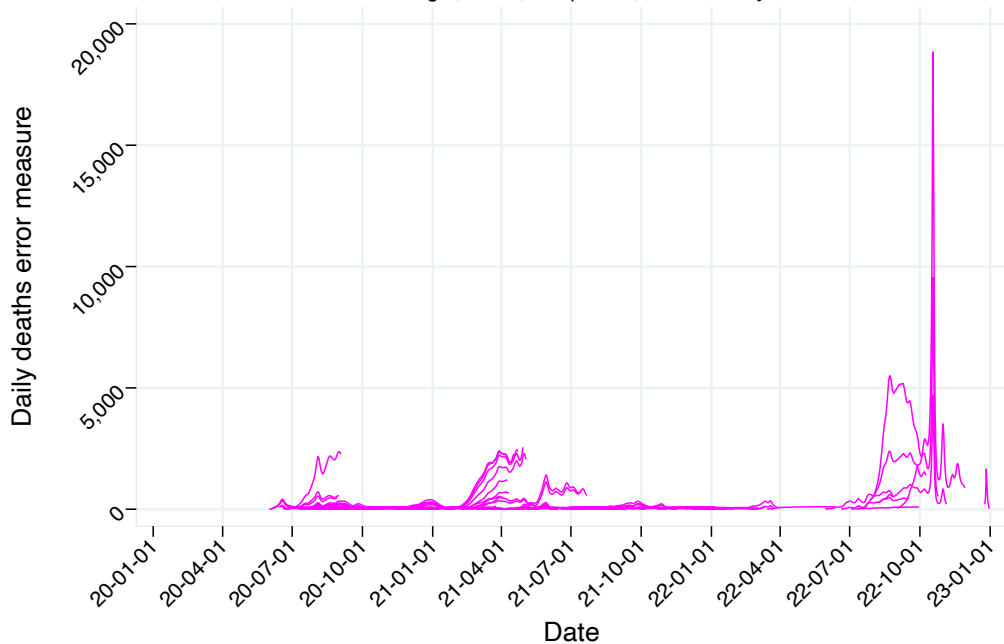
# C19 daily deaths absolute percent error

Portugal, IHME, all updates, forecast only



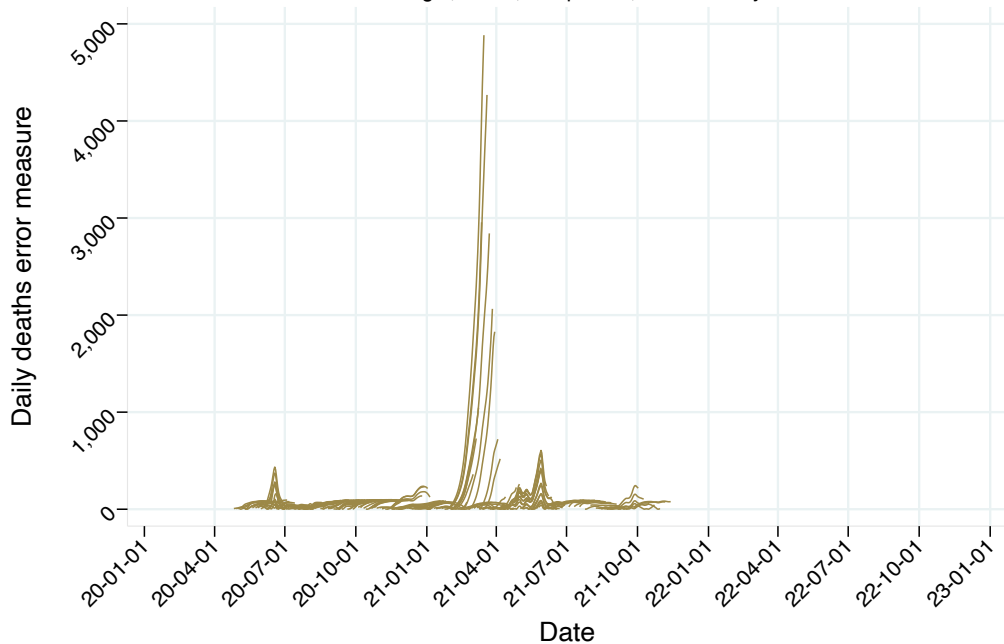
# C19 daily deaths absolute percent error

Portugal, IMPE, all updates, forecast only



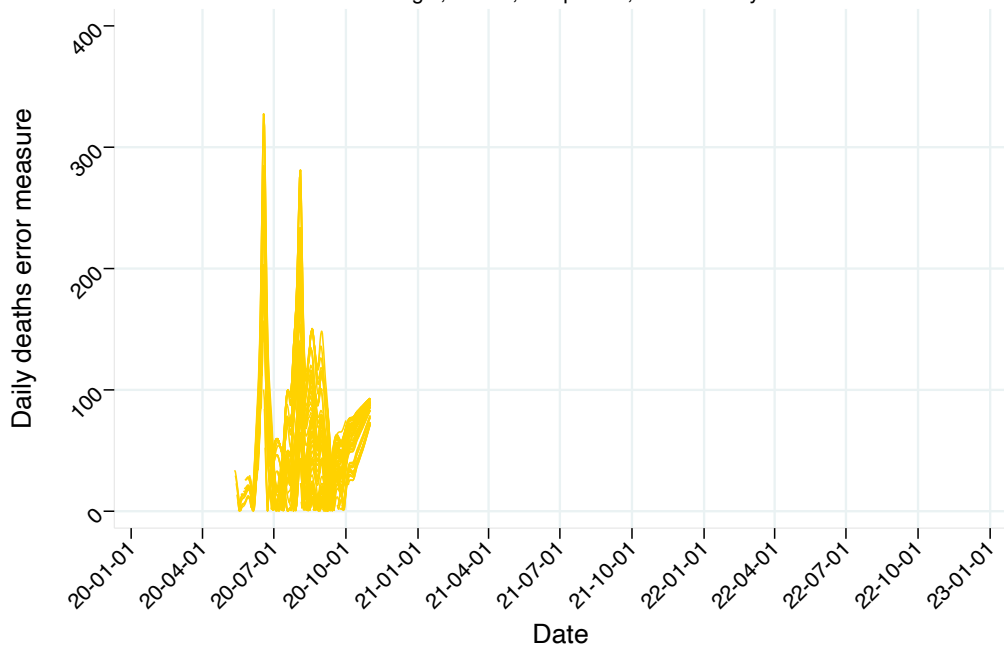
# C19 daily deaths absolute percent error

Portugal, LANL, all updates, forecast only



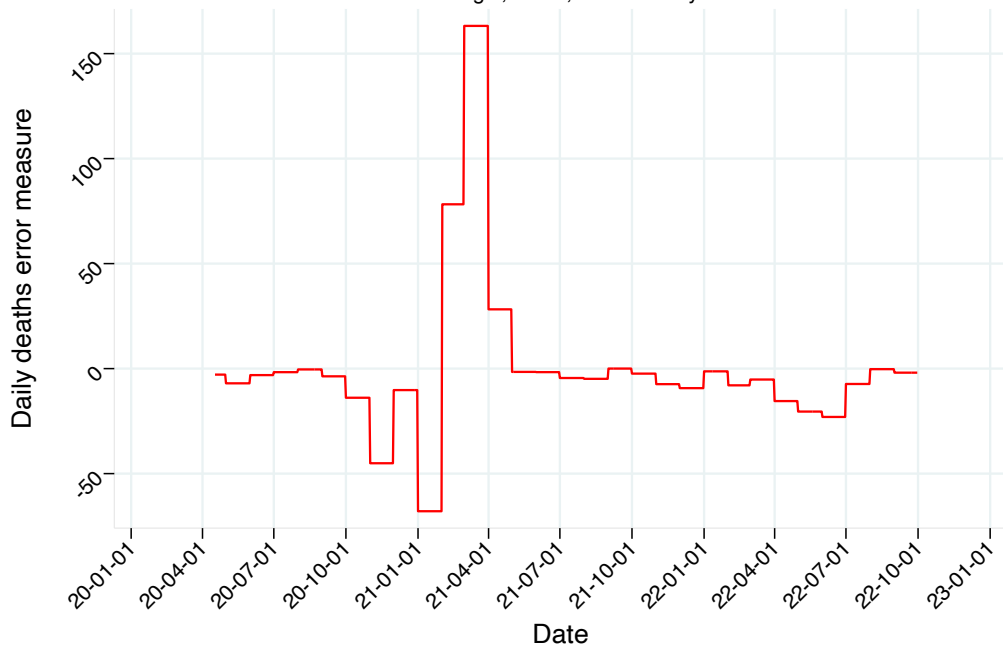
# C19 daily deaths absolute percent error

Portugal, YYGU, all updates, forecast only



# C19 daily deaths, average median error

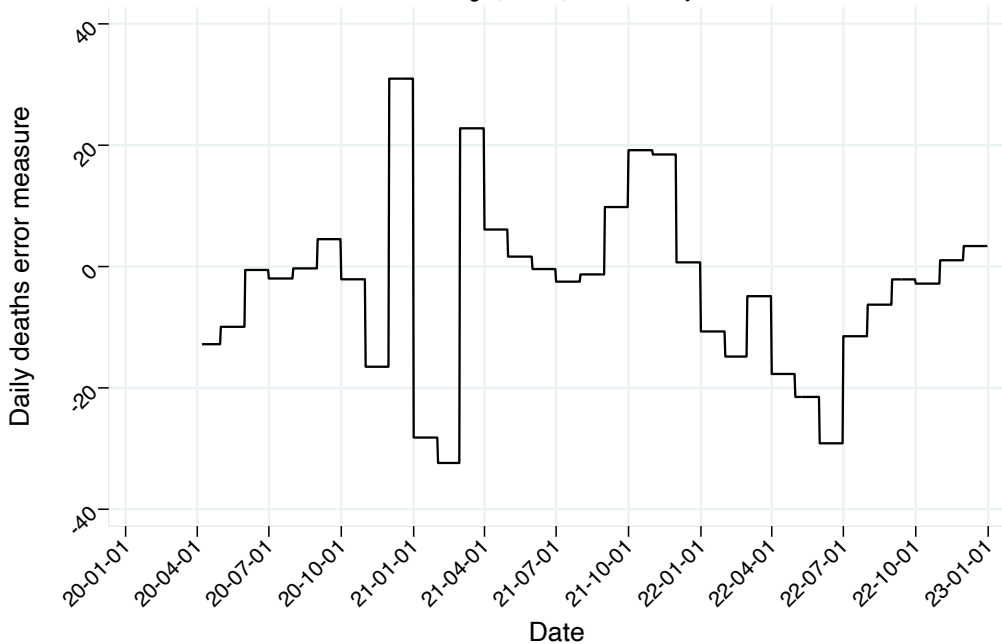
Portugal, DELP, forecast only





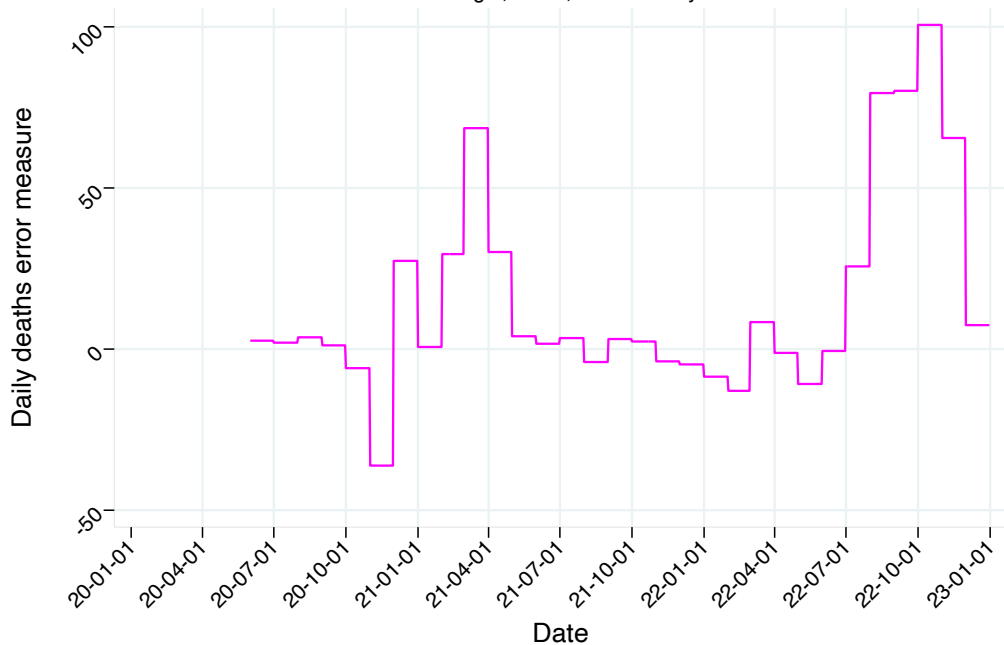
# C19 daily deaths, average median error

Portugal, IHME, forecast only



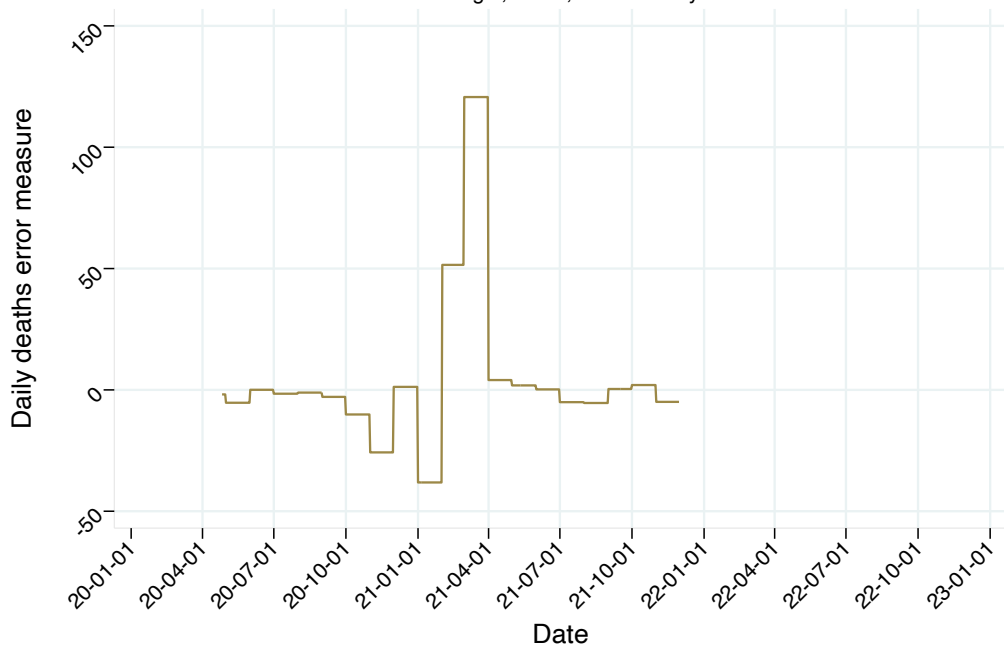
# C19 daily deaths, average median error

Portugal, IMPE, forecast only



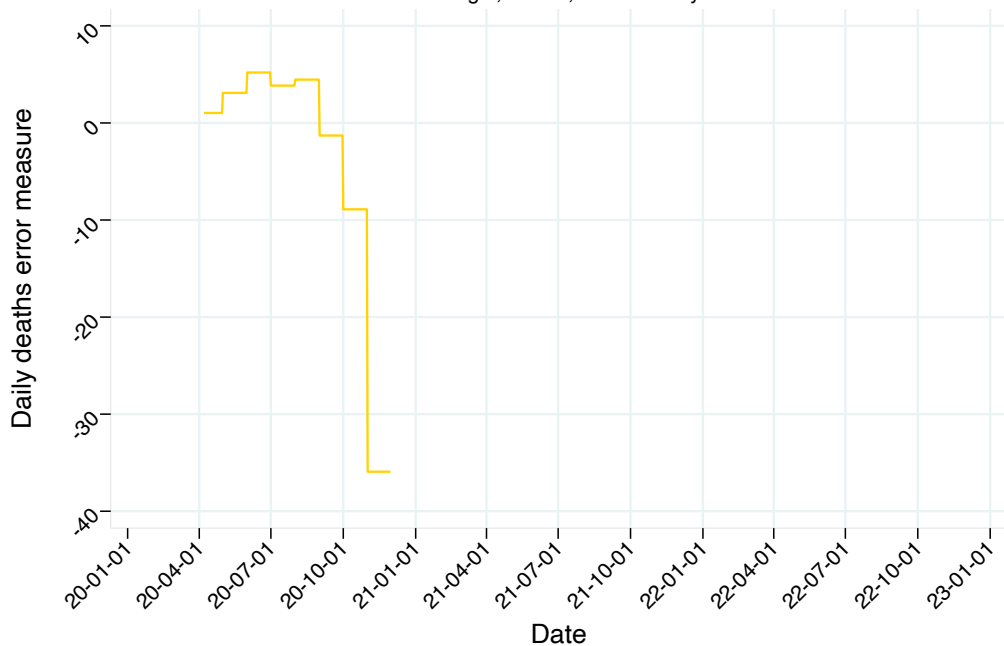
# C19 daily deaths, average median error

Portugal, LANL, forecast only



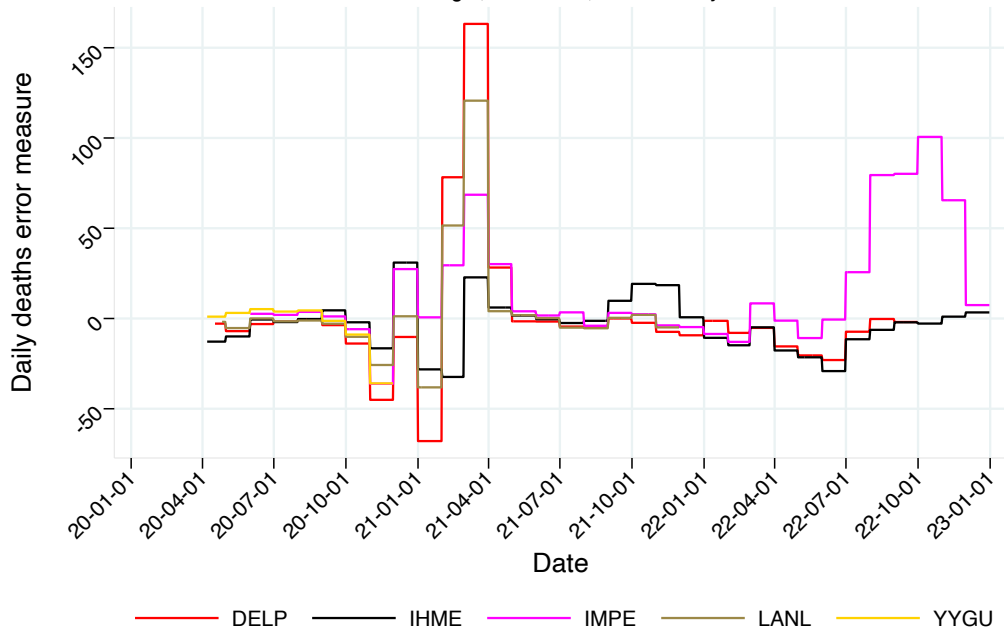
# C19 daily deaths, average median error

Portugal, YYGU, forecast only



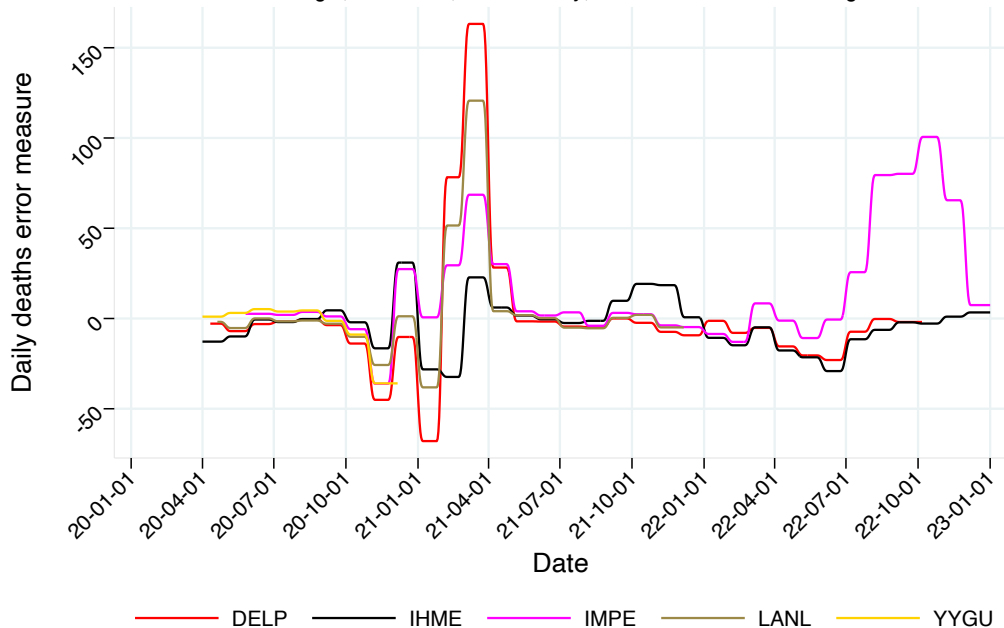
# C19 daily deaths, average median error

Portugal, all Models, forecast only



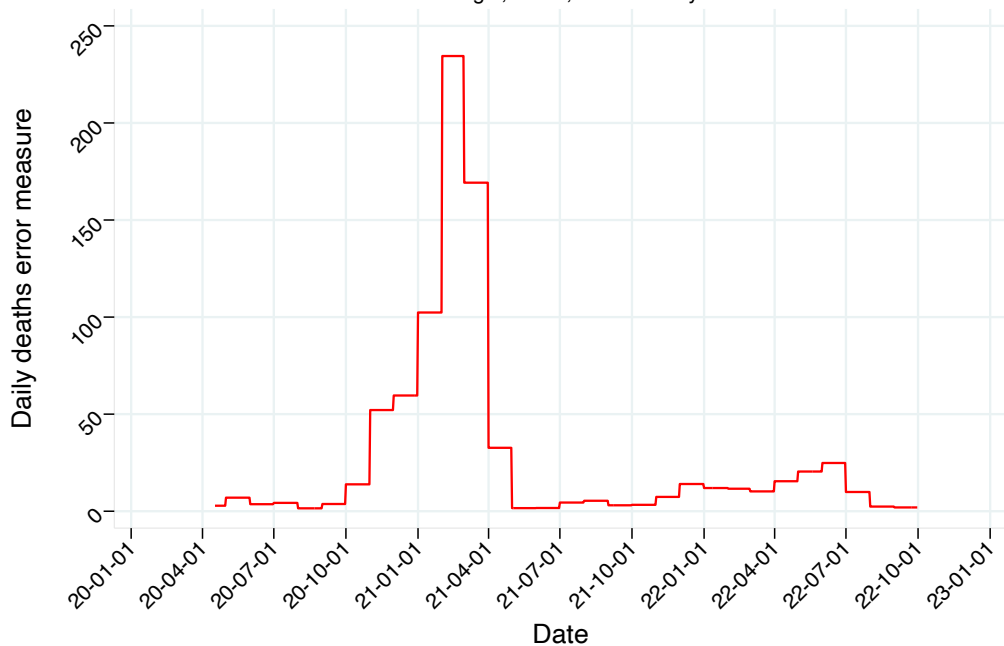
# C19 daily deaths, average median error

Portugal, all Models, forecast only; smoothed for better viewing



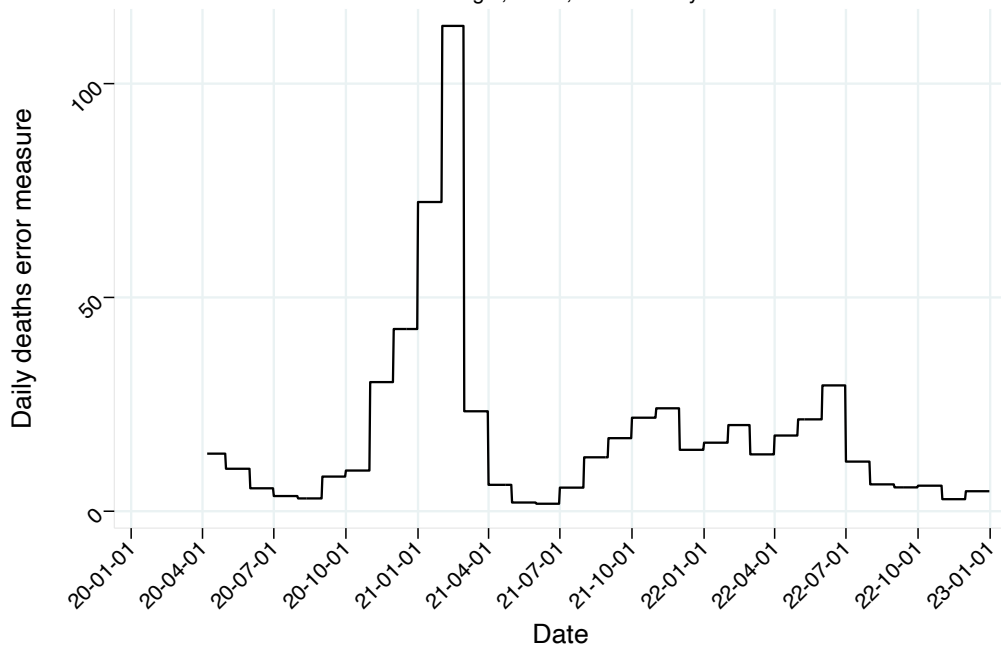
# C19 daily deaths, average median absolute error

Portugal, DELP, forecast only



# C19 daily deaths, average median absolute error

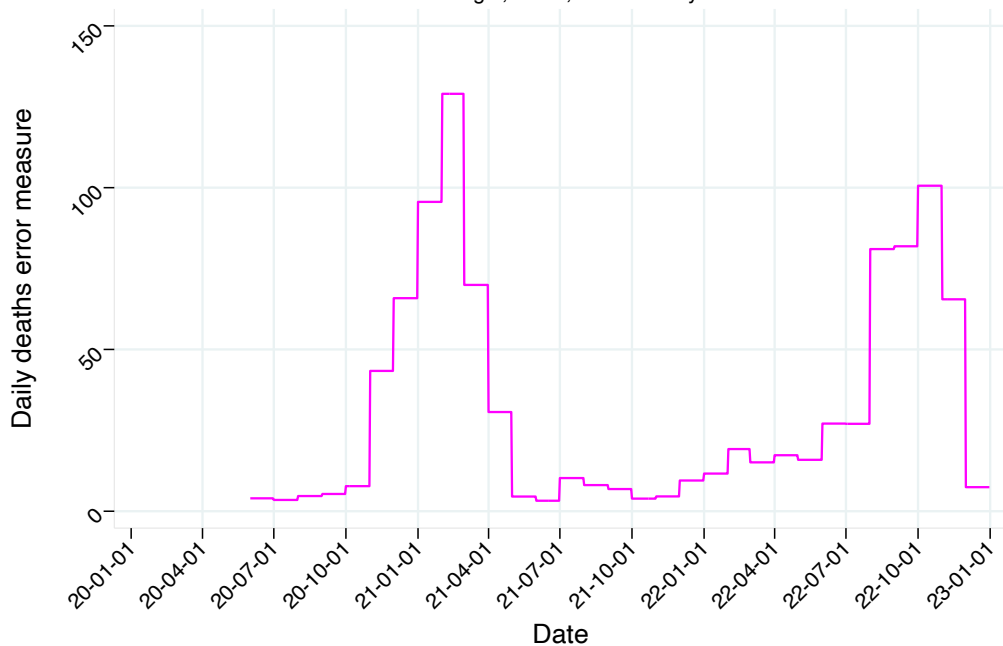
Portugal, IHME, forecast only





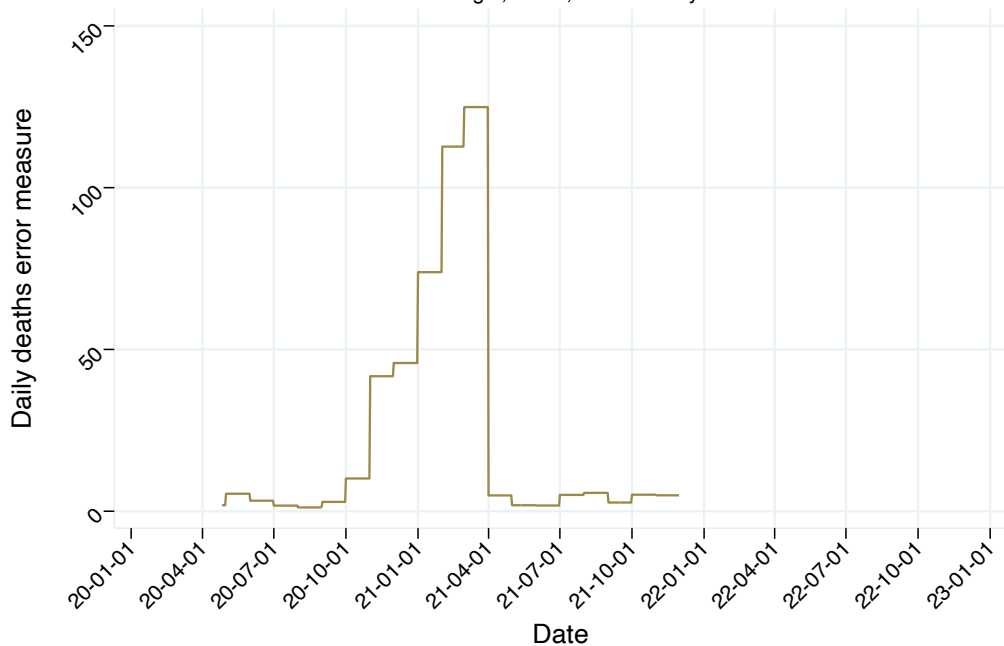
# C19 daily deaths, average median absolute error

Portugal, IMPE, forecast only



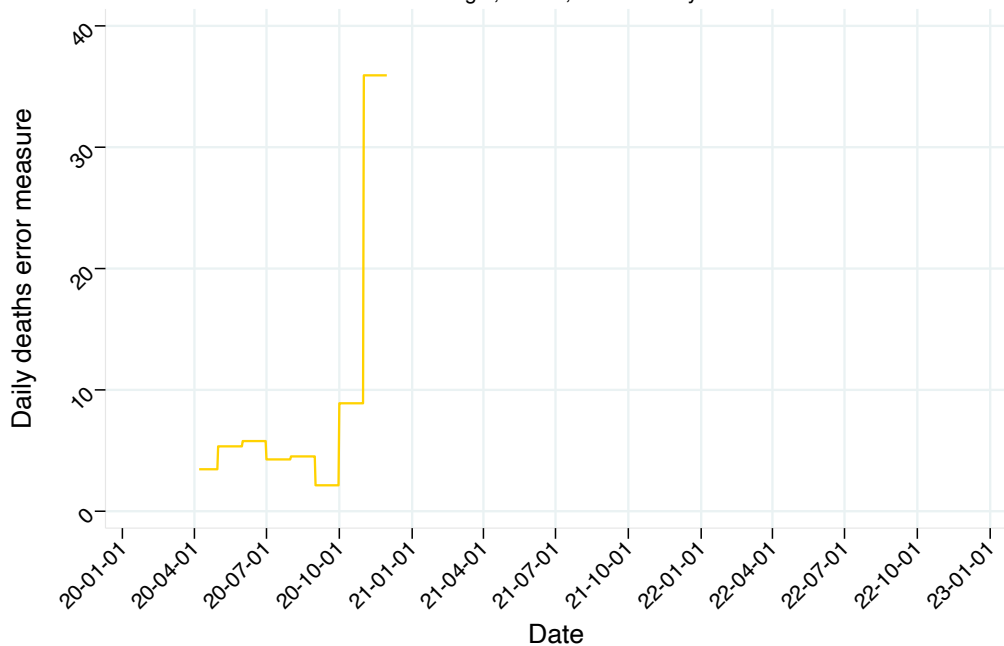
# C19 daily deaths, average median absolute error

Portugal, LANL, forecast only



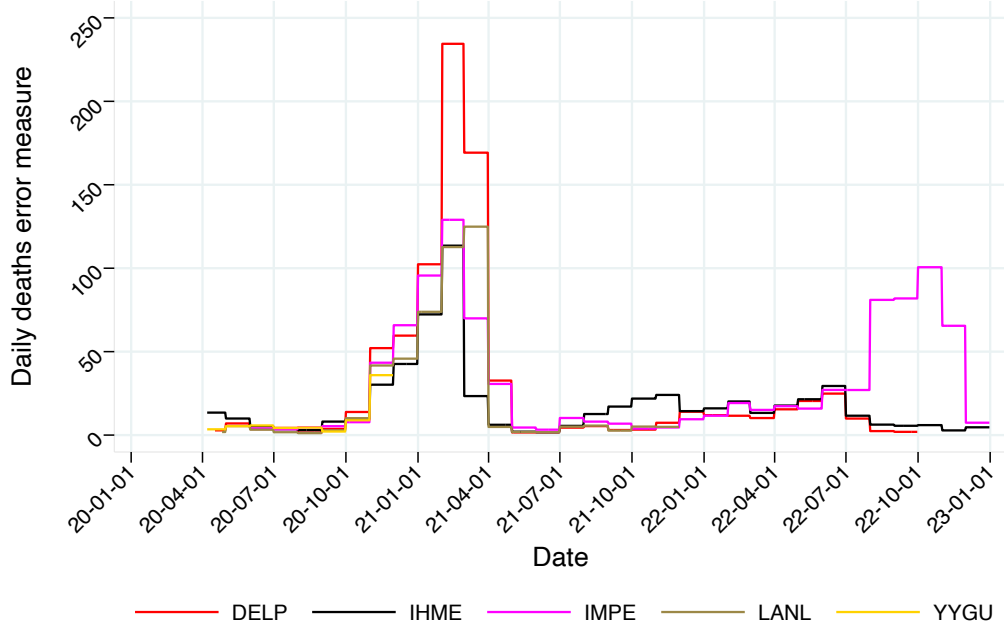
# C19 daily deaths, average median absolute error

Portugal, YYGU, forecast only



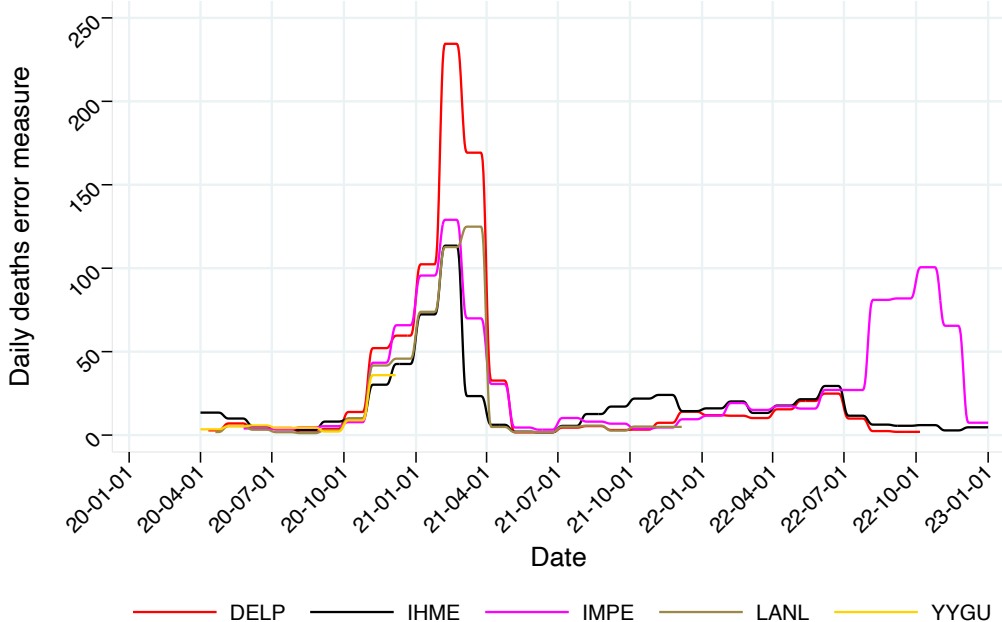
# C19 daily deaths, average median absolute error

Portugal, all Models, forecast only



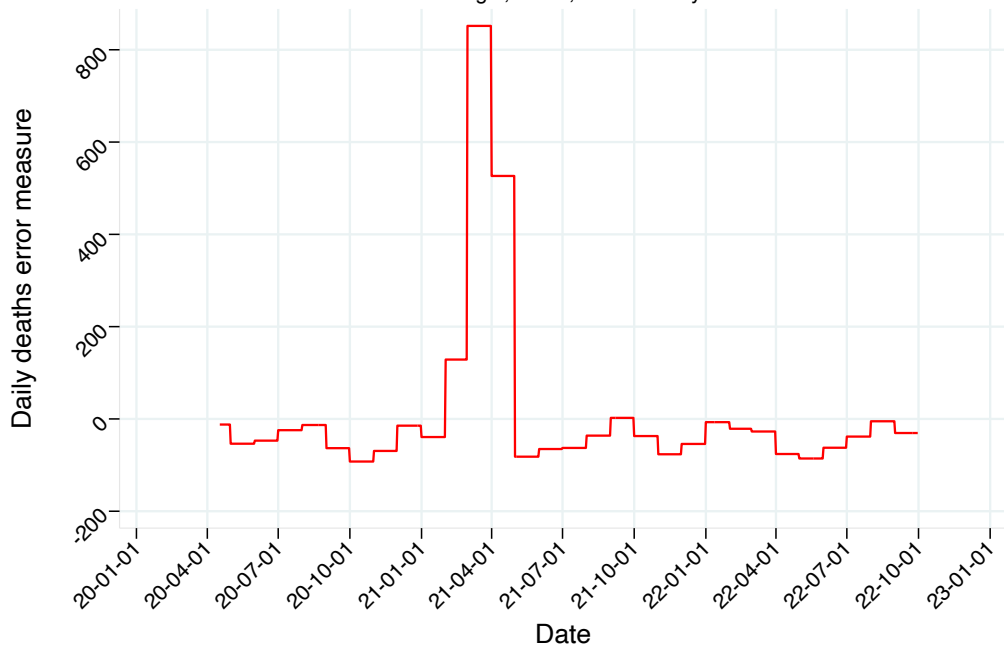
# C19 daily deaths, average median absolute error

Portugal, all Models, forecast only; smoothed for better viewing



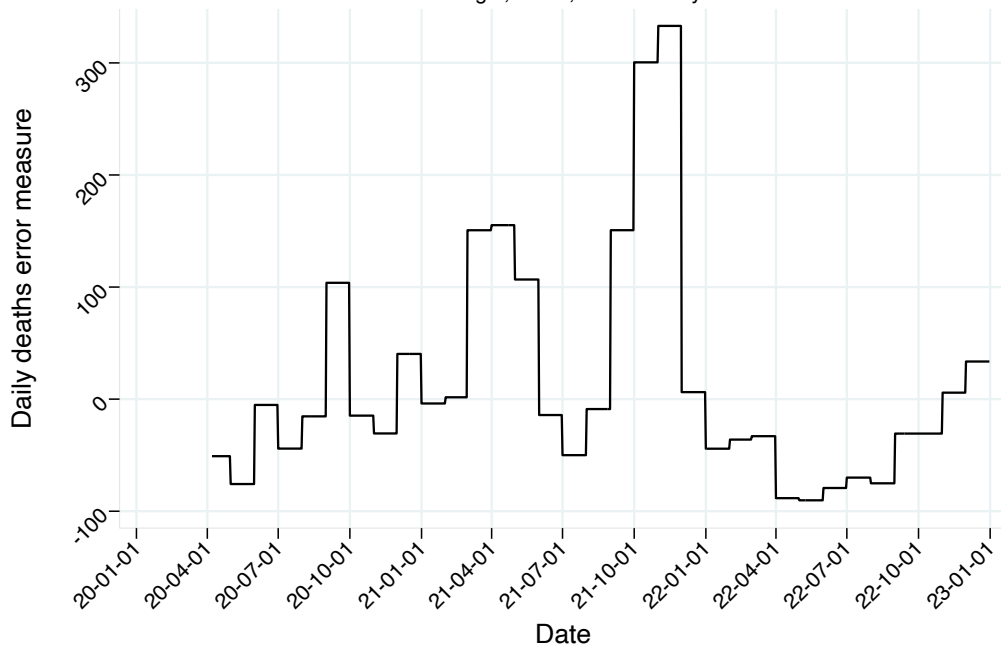
# C19 daily deaths, average median percent error

Portugal, DELP, forecast only



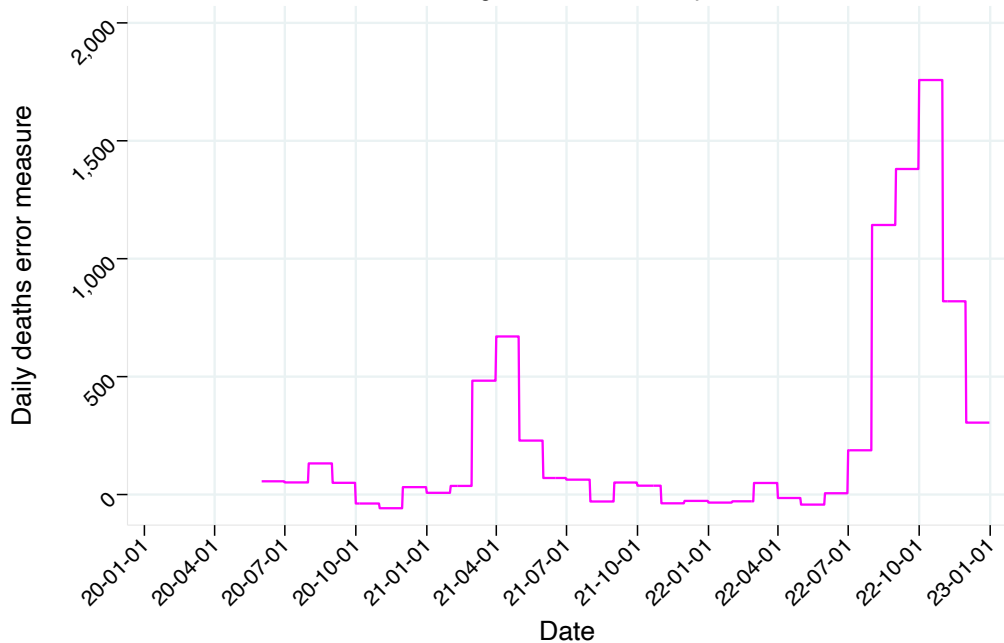
# C19 daily deaths, average median percent error

Portugal, IHME, forecast only



# C19 daily deaths, average median percent error

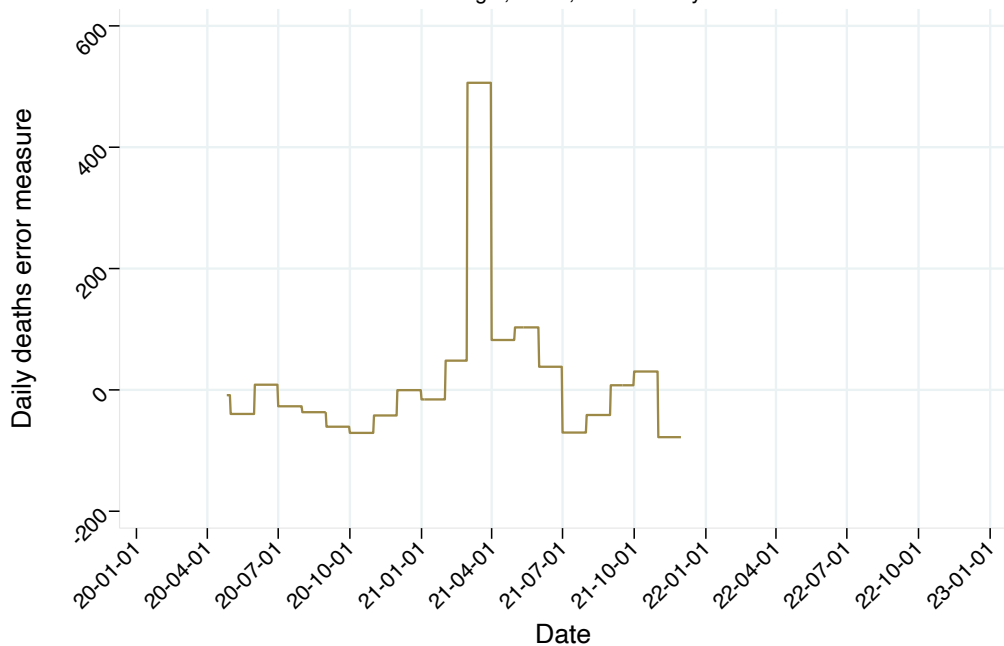
Portugal, IMPE, forecast only





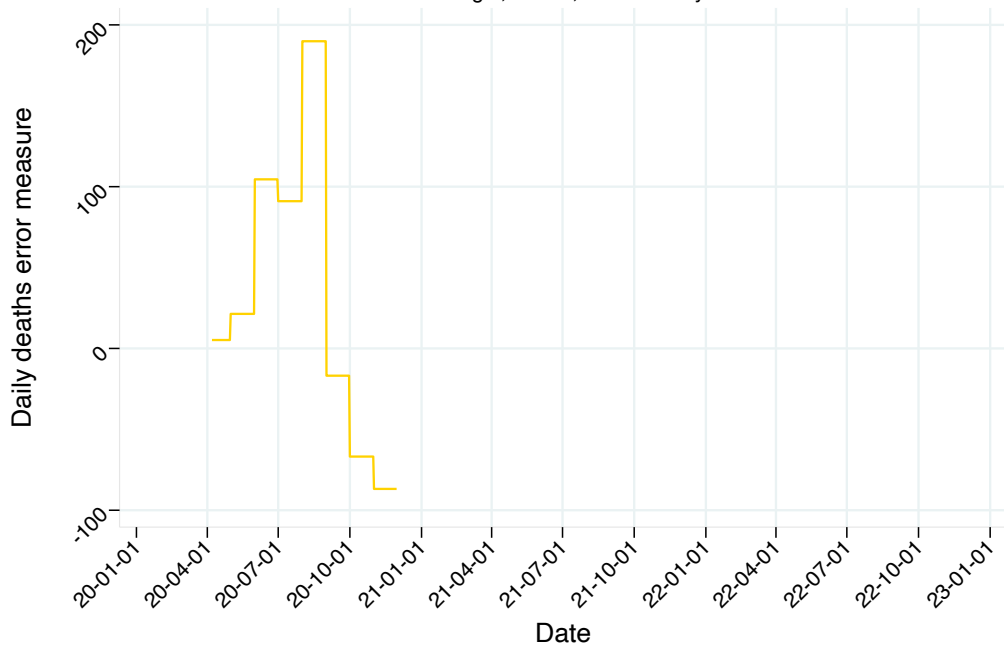
# C19 daily deaths, average median percent error

Portugal, LANL, forecast only



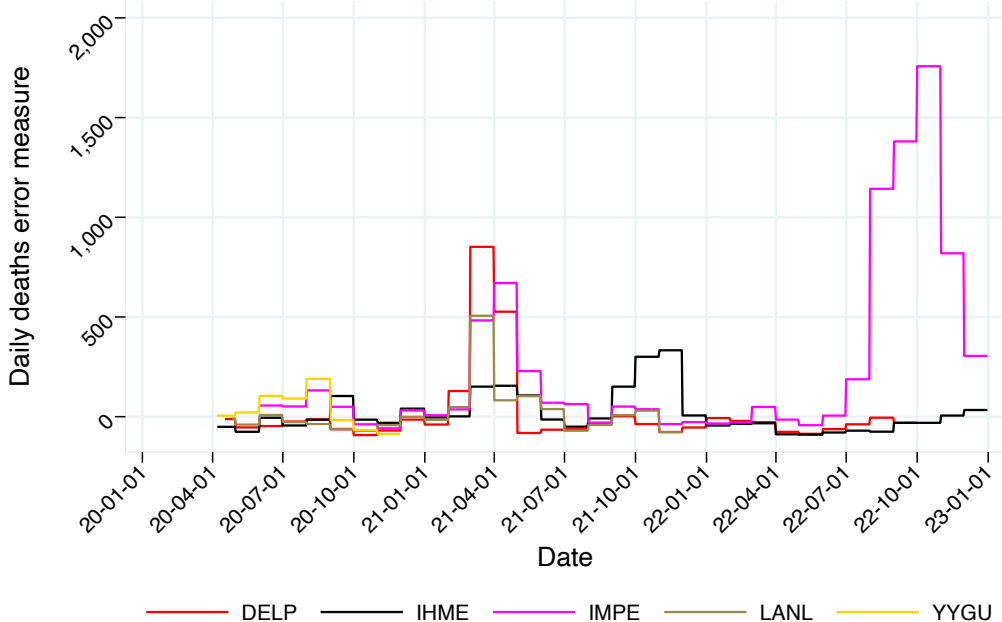
# C19 daily deaths, average median percent error

Portugal, YYGU, forecast only



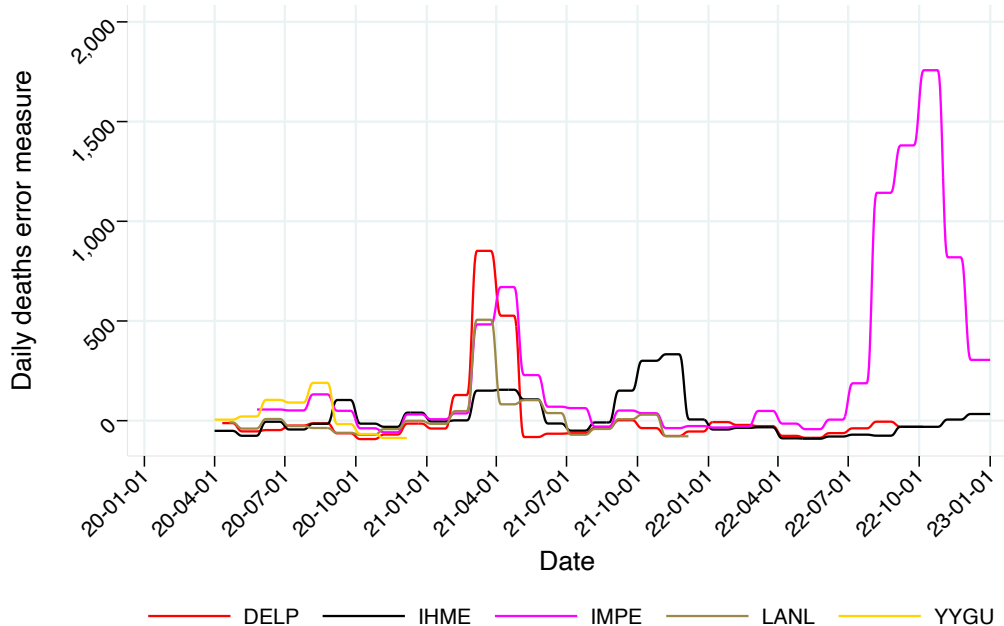
# C19 daily deaths, average median percent error

Portugal, all Models, forecast only



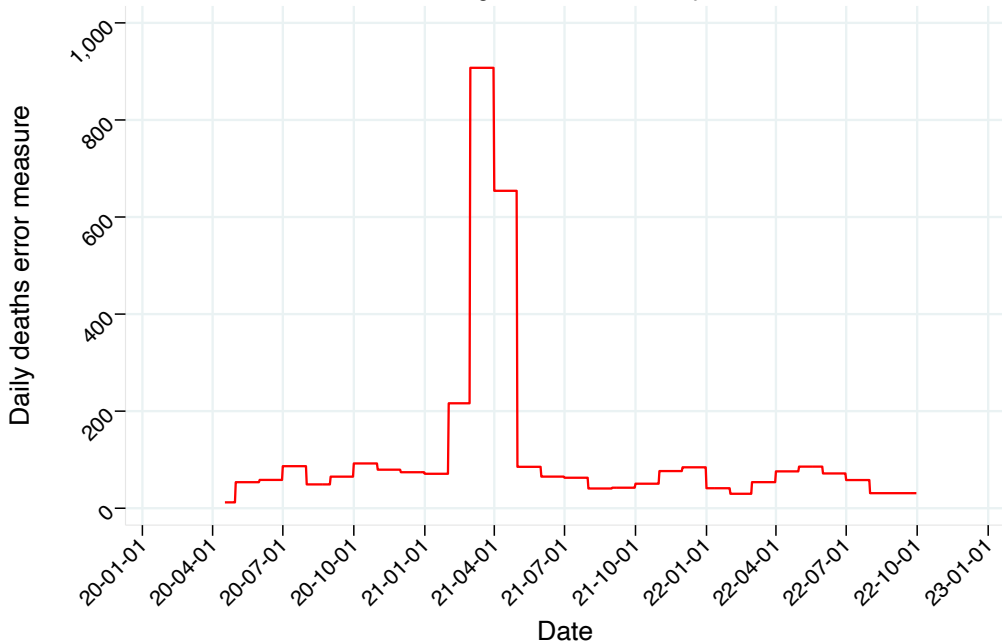
# C19 daily deaths, average median percent error

Portugal, all Models, forecast only; smoothed for better viewing



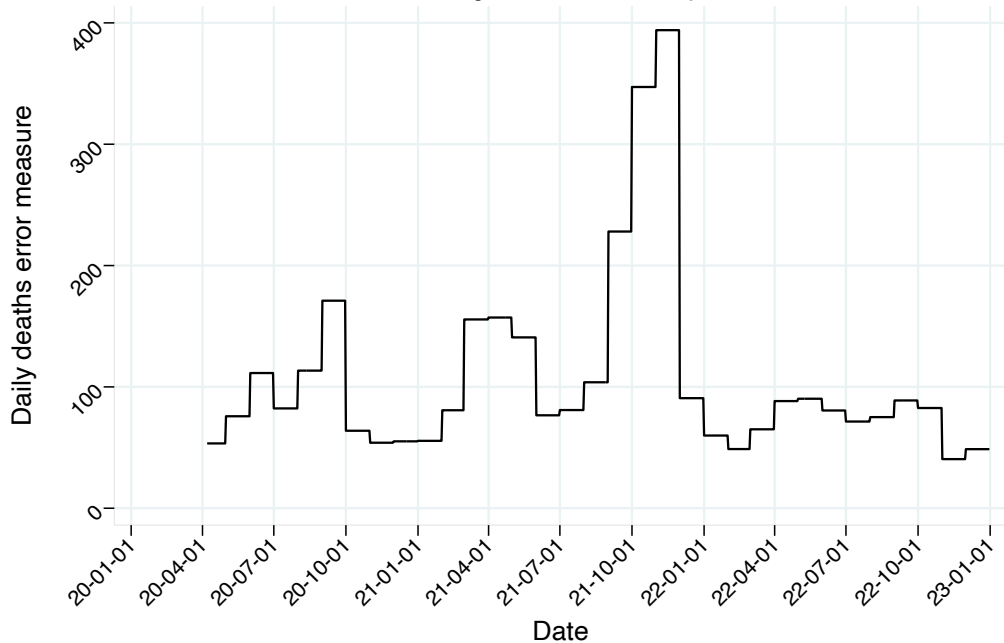
# C19 daily deaths, average median absolute percent error

Portugal, DELP, forecast only



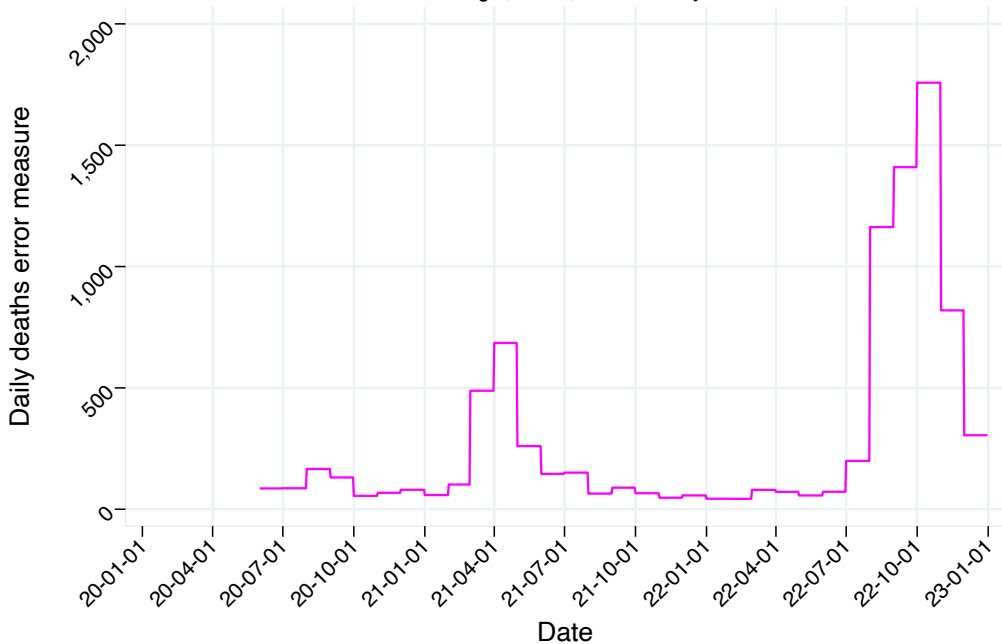
# C19 daily deaths, average median absolute percent error

Portugal, IHME, forecast only



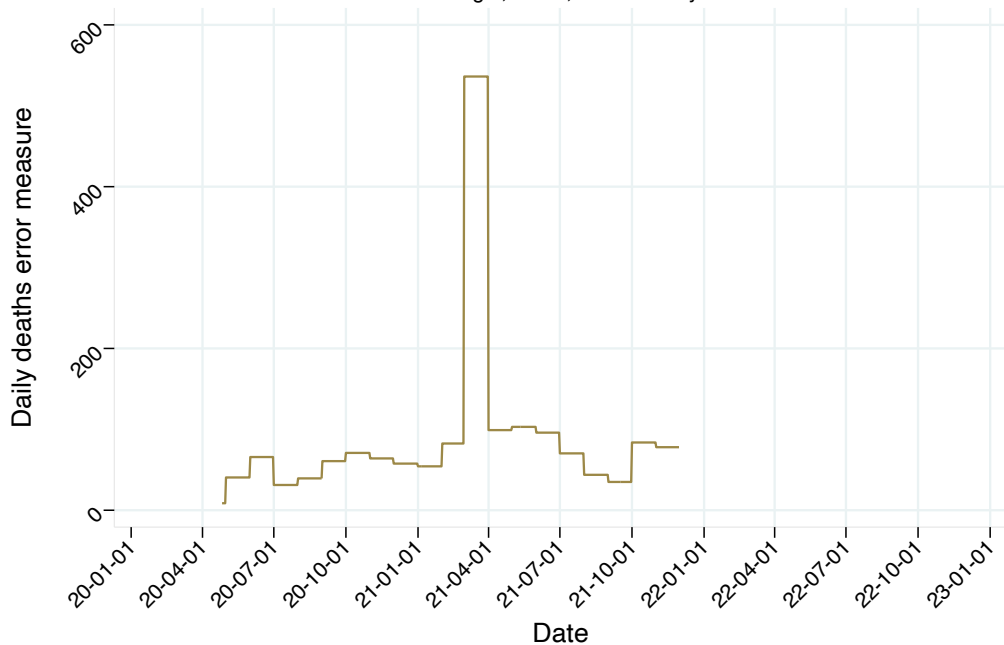
# C19 daily deaths, average median absolute percent error

Portugal, IMPE, forecast only



# C19 daily deaths, average median absolute percent error

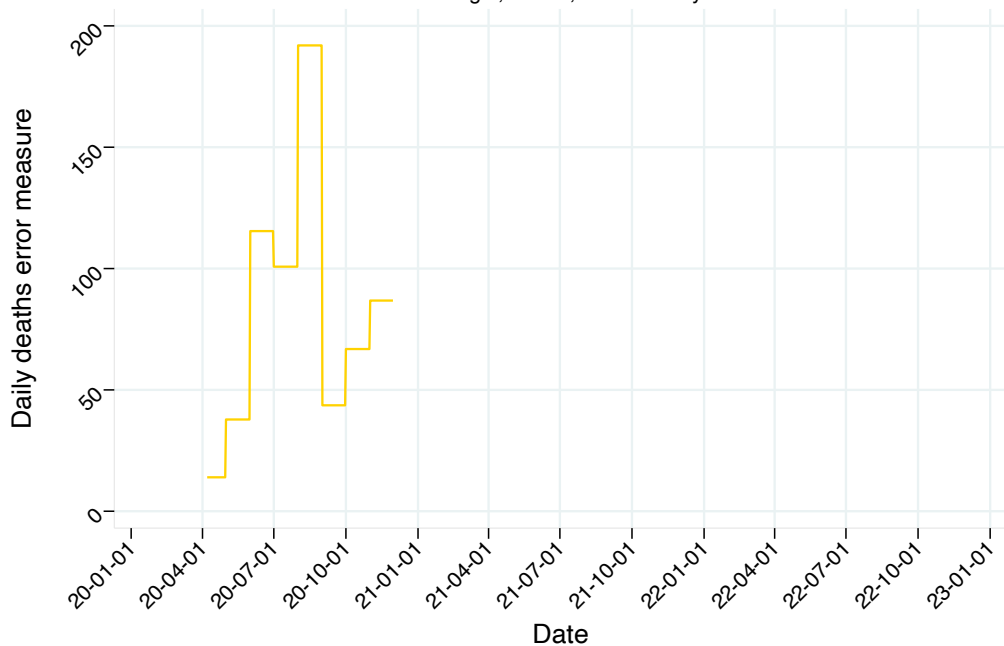
Portugal, LANL, forecast only





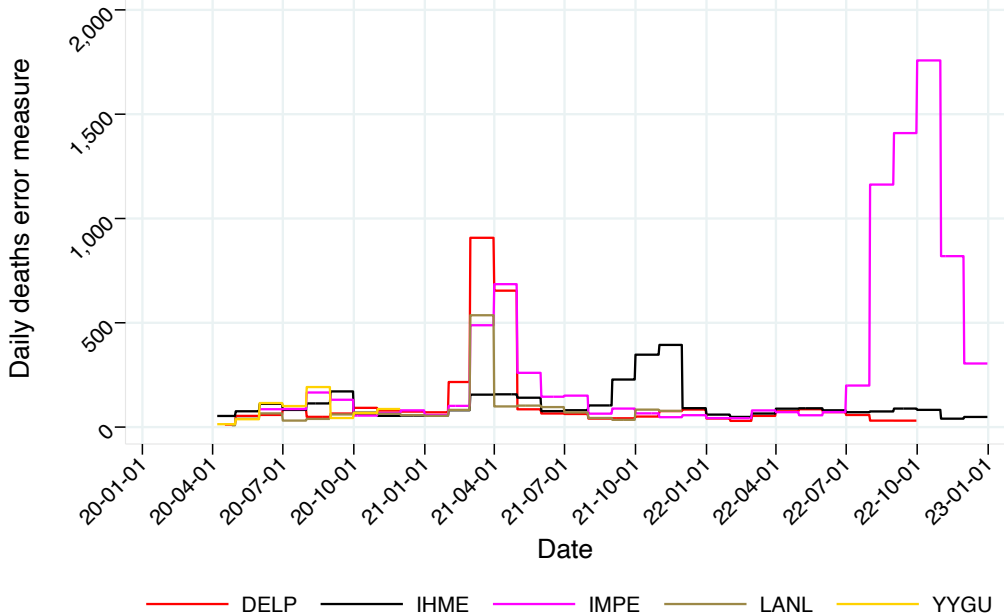
# C19 daily deaths, average median absolute percent error

Portugal, YYGU, forecast only



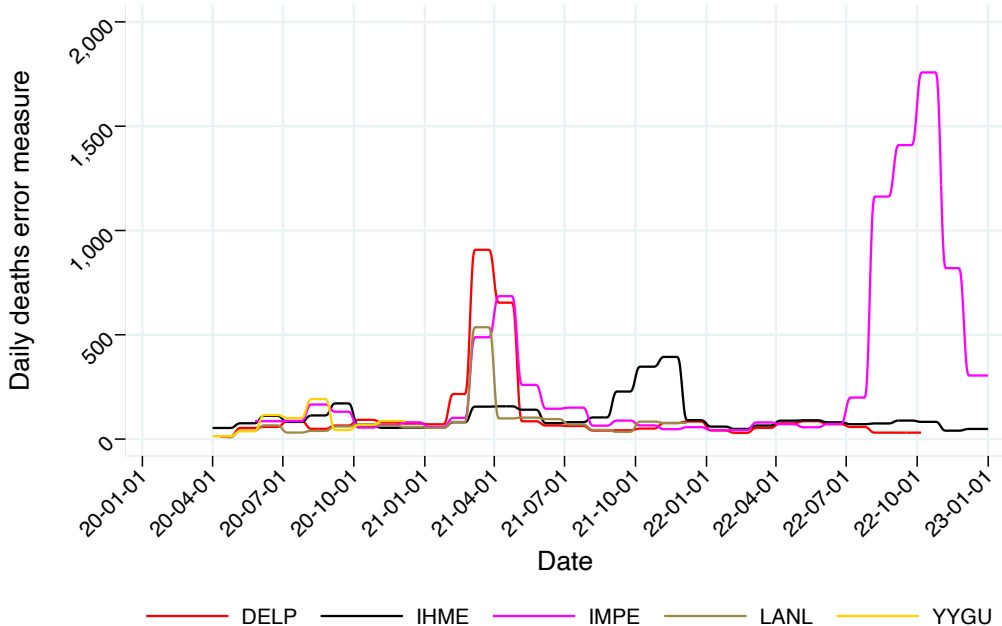
# C19 daily deaths, average median absolute percent error

Portugal, all Models, forecast only



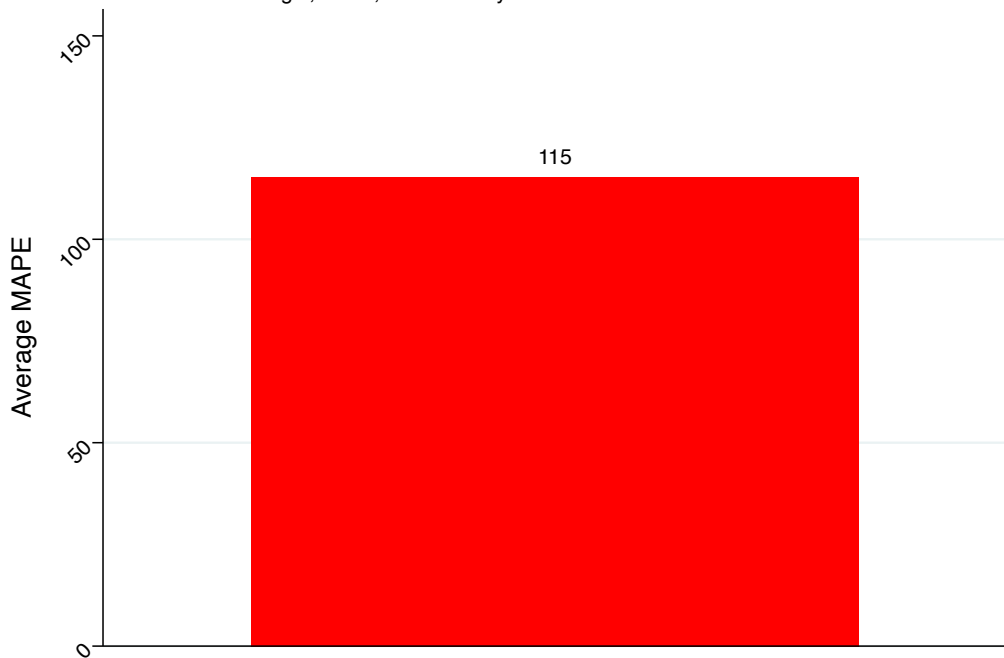
# C19 daily deaths, average median absolute percent error

Portugal, all Models, forecast only; smoothed for better viewing



# C19 daily deaths average MAPE over updates and calendar months

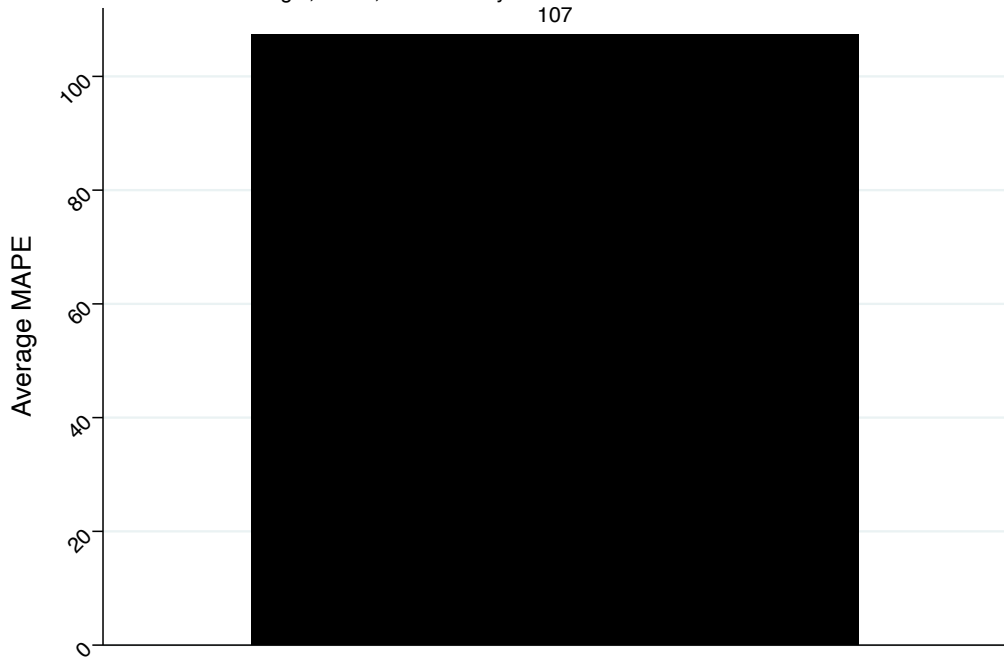
Portugal, DELP, forecast only. MAPE: Median Absolute Percent Error



# C19 daily deaths average MAPE over updates and calendar months

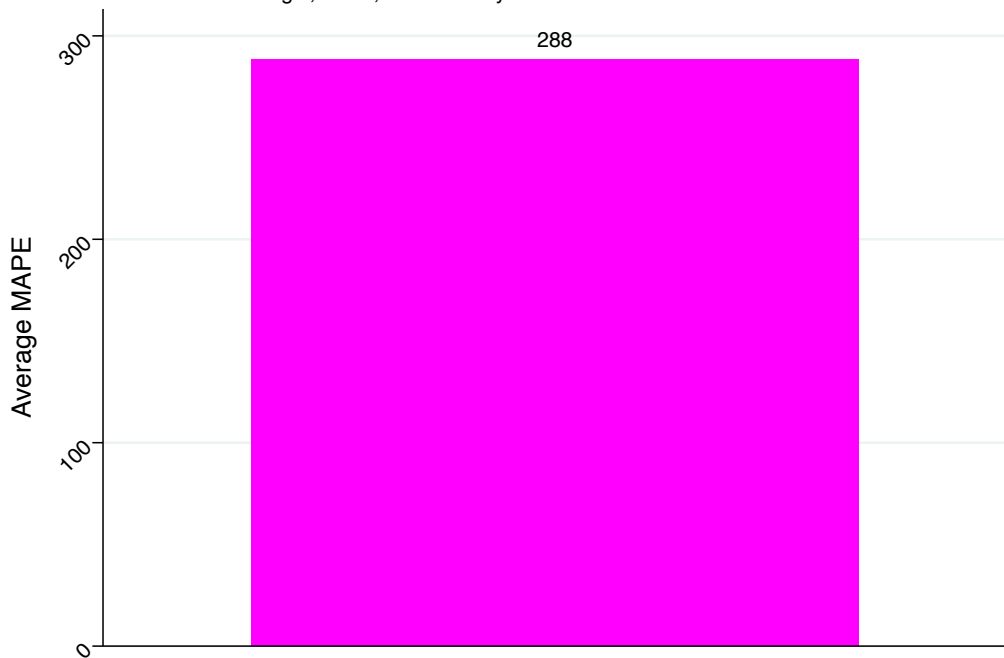
Portugal, IHME, forecast only. MAPE: Median Absolute Percent Error

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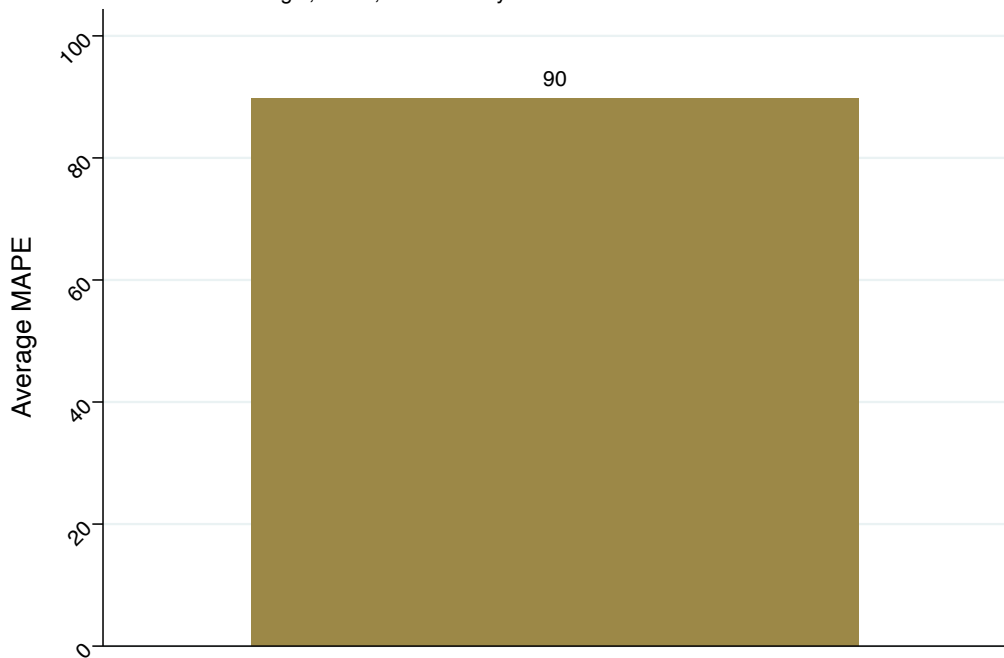
# C19 daily deaths average MAPE over updates and calendar months

Portugal, IMPE, forecast only. MAPE: Median Absolute Percent Error



# C19 daily deaths average MAPE over updates and calendar months

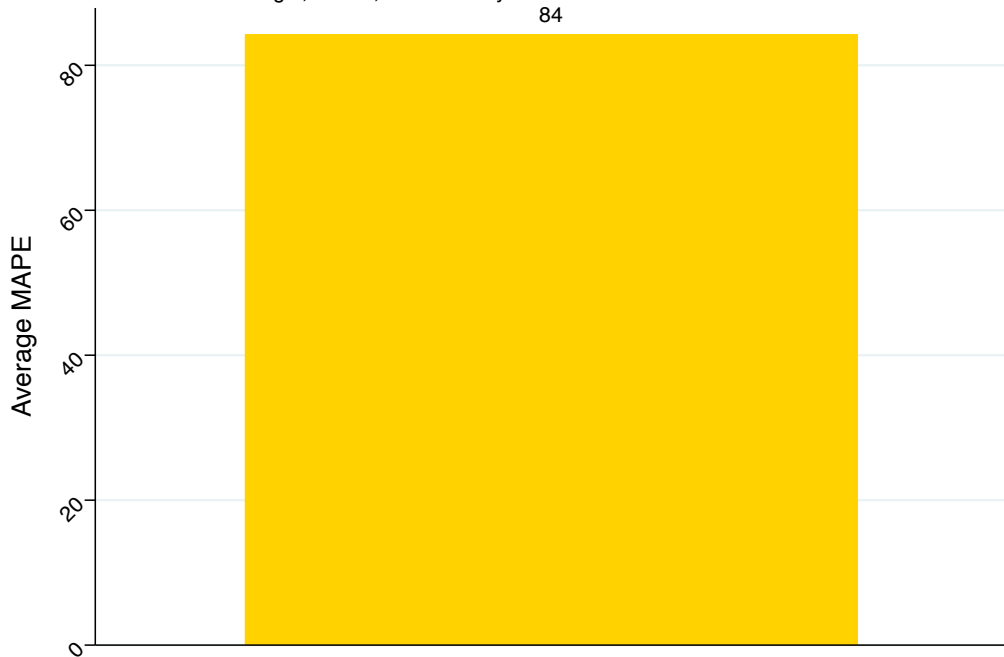
Portugal, LANL, forecast only. MAPE: Median Absolute Percent Error



# C19 daily deaths average MAPE over updates and calendar months

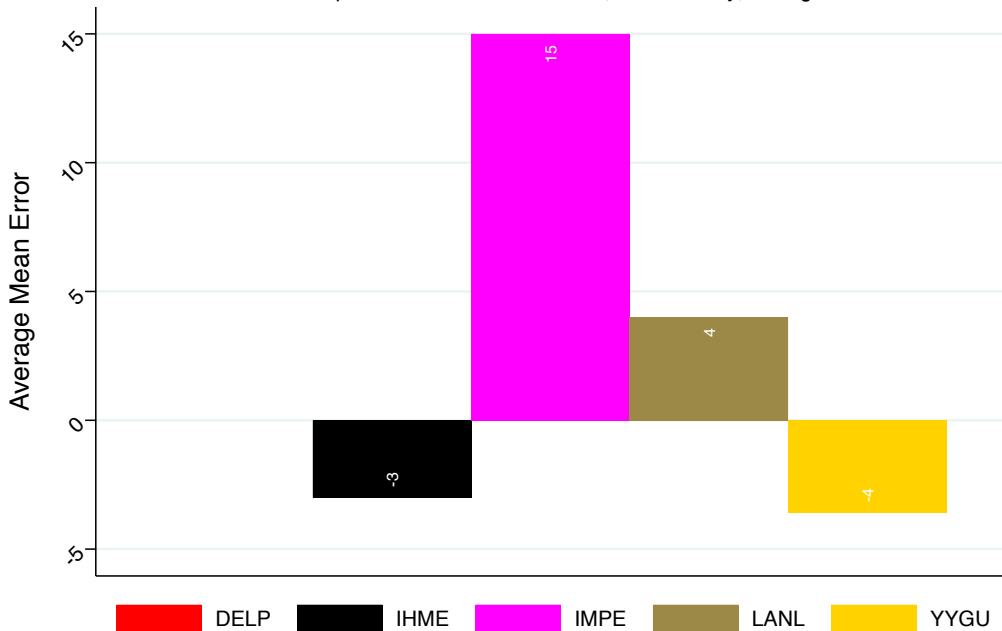
Portugal, YYGU, forecast only. MAPE: Median Absolute Percent Error

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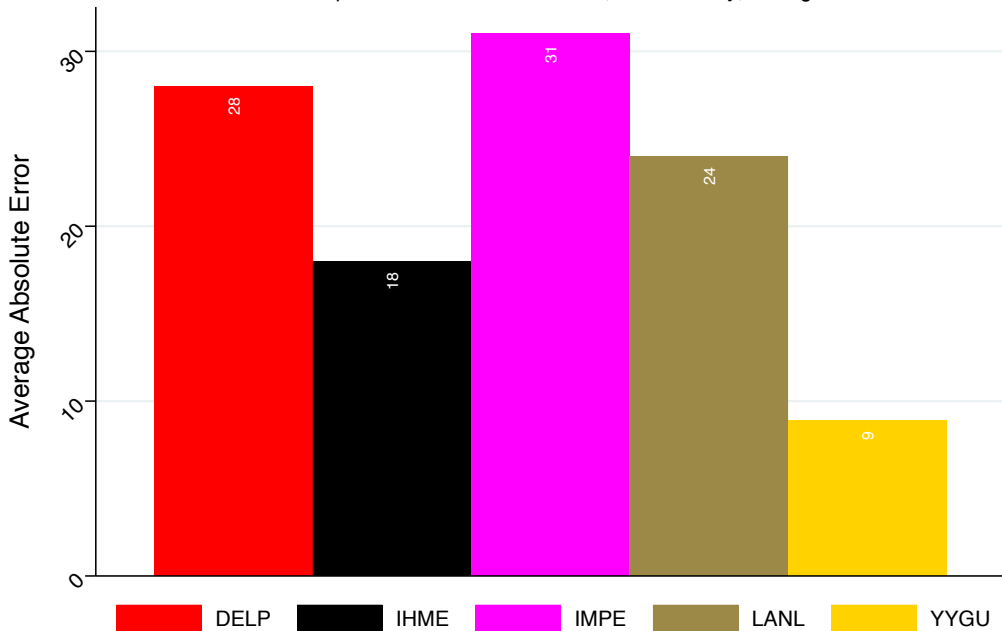


C19 daily deaths average of Mean Error  
Over updates and calendar months; forecast only; Portugal

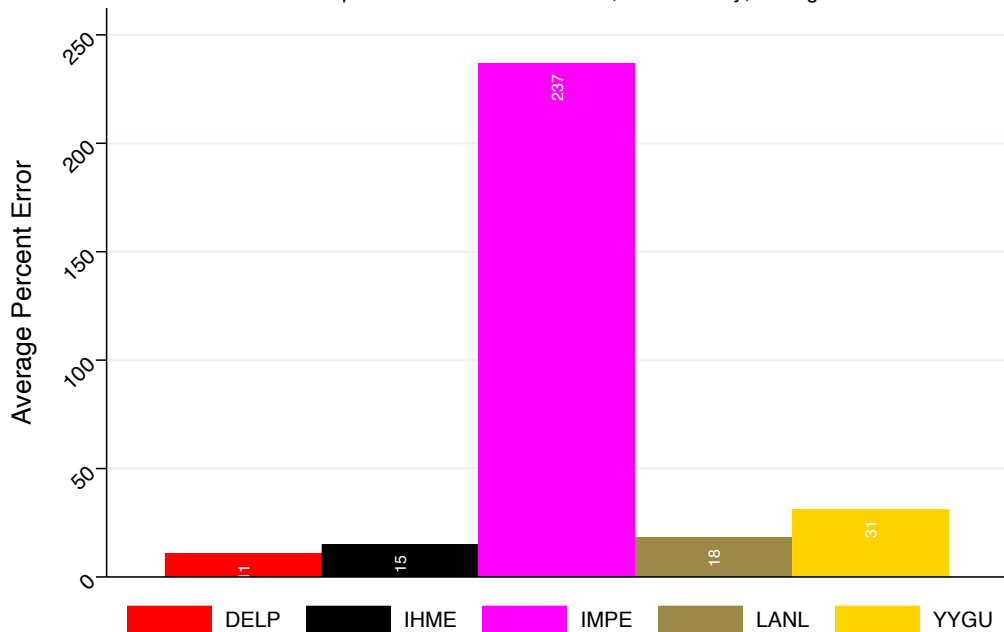


# C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Portugal

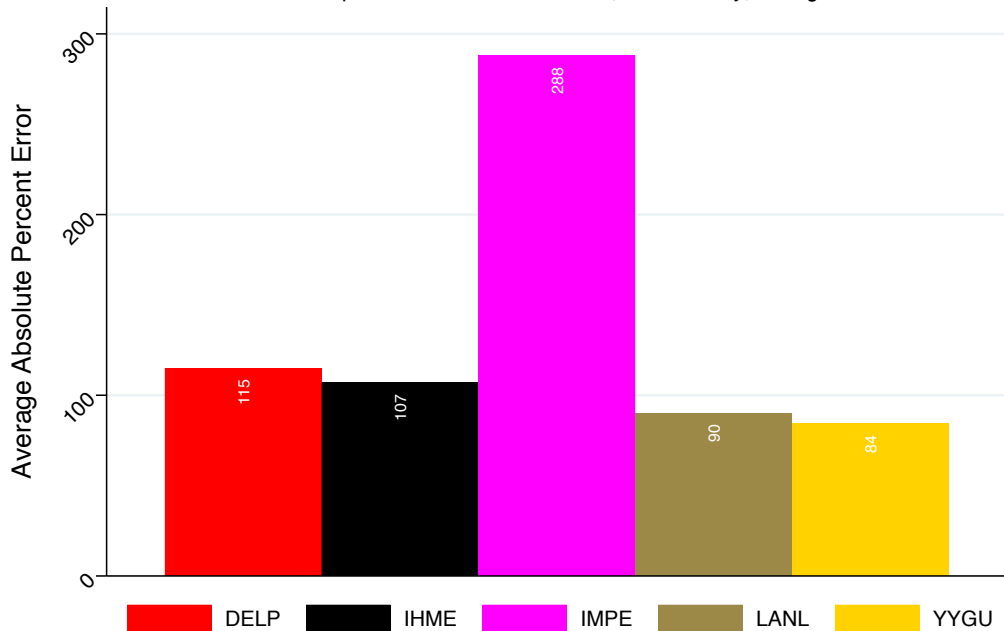


C19 daily deaths average of Percent Error  
Over updates and calendar months; forecast only; Portugal



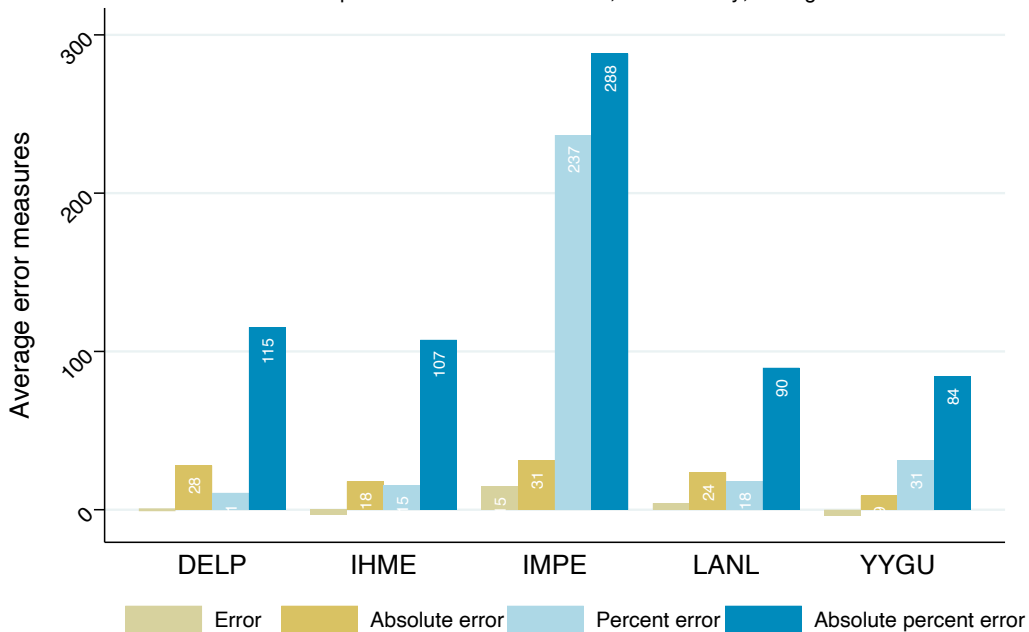
# C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Portugal



# C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Portugal



# C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Portugal

