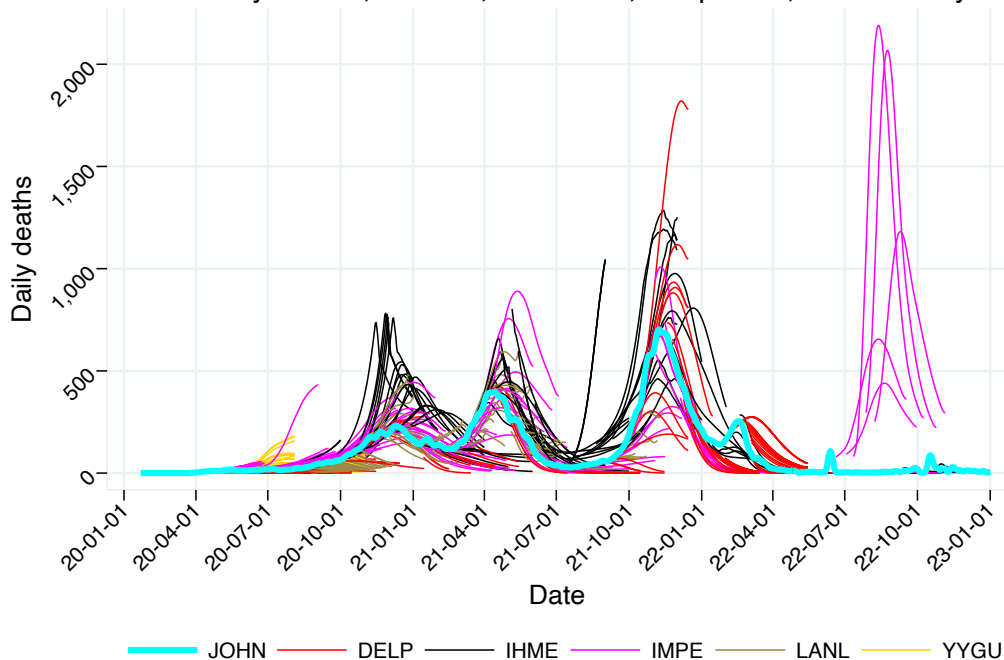
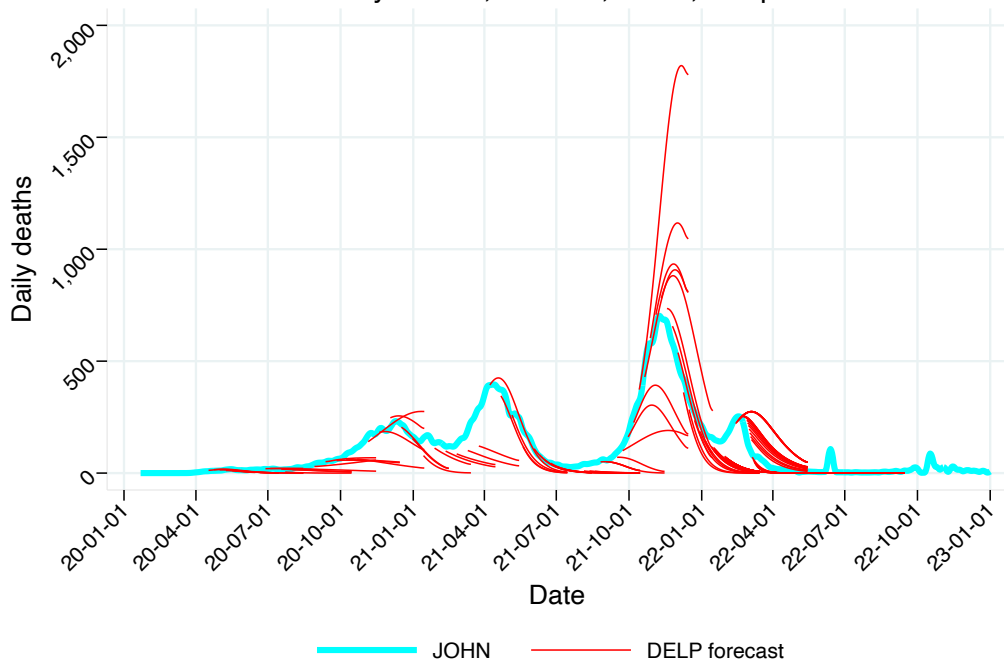


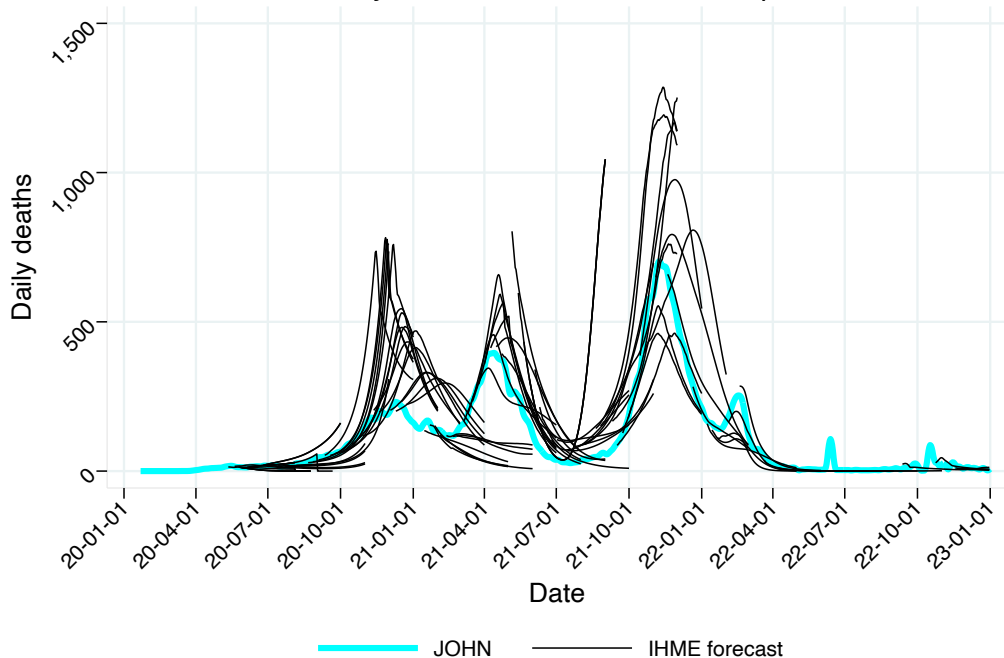
C19 daily deaths, Ukraine, all models, all updates, forecast only



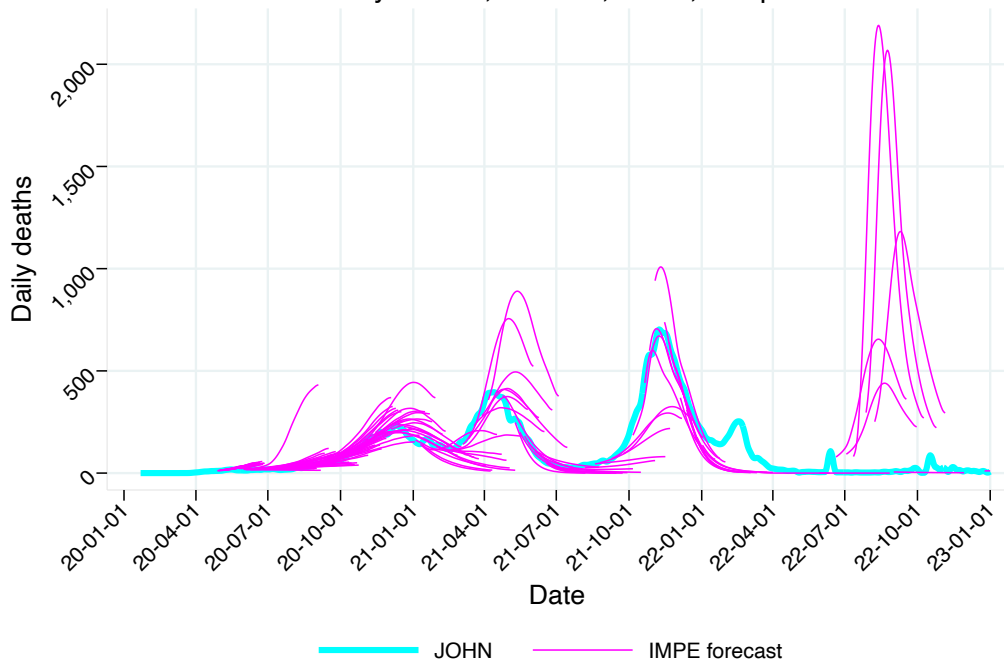
C19 daily deaths, Ukraine, DELP, all updates



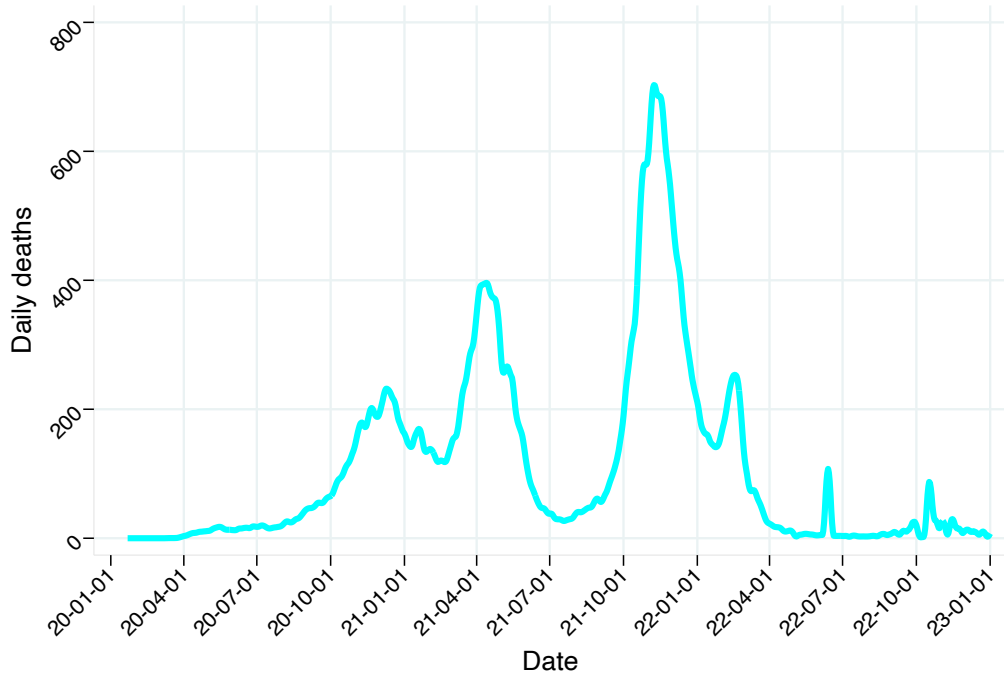
C19 daily deaths, Ukraine, IHME, all updates



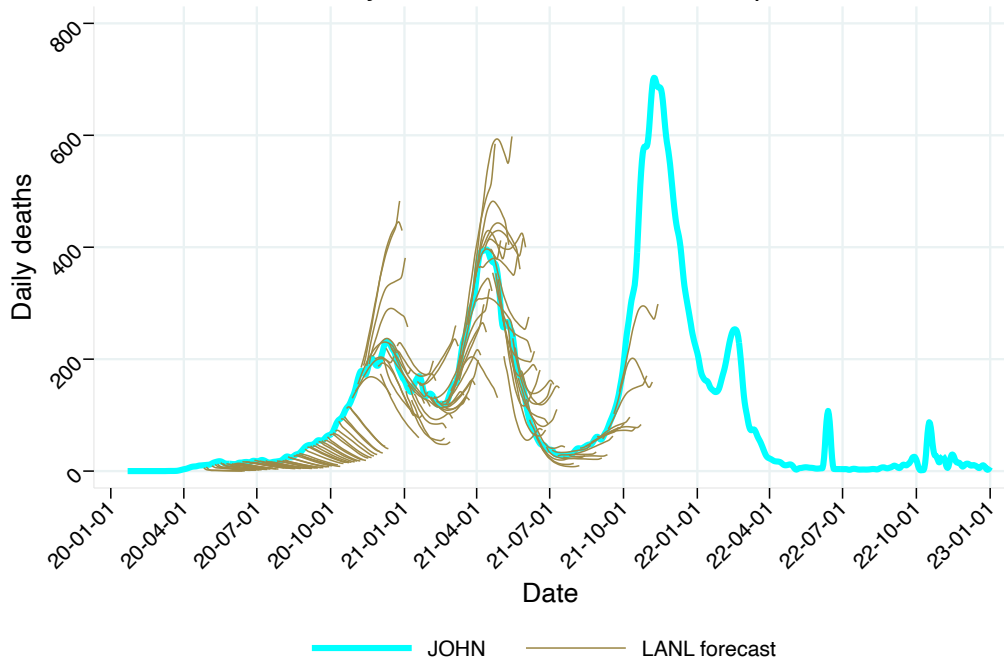
C19 daily deaths, Ukraine, IMPE, all updates



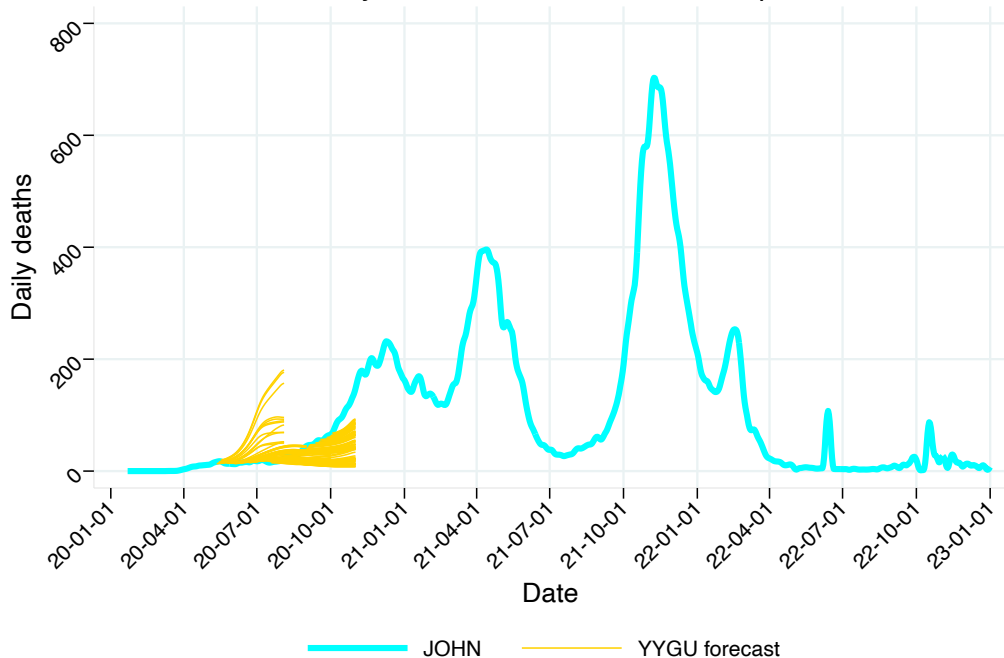
C19 daily deaths, Ukraine, JOHN



C19 daily deaths, Ukraine, LANL, all updates

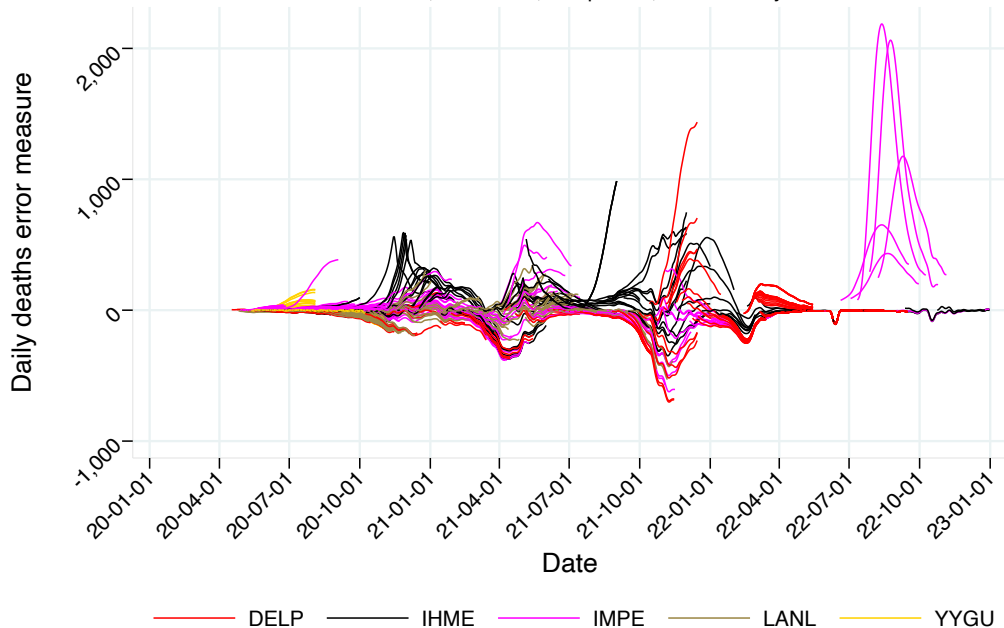


C19 daily deaths, Ukraine, YYGU, all updates



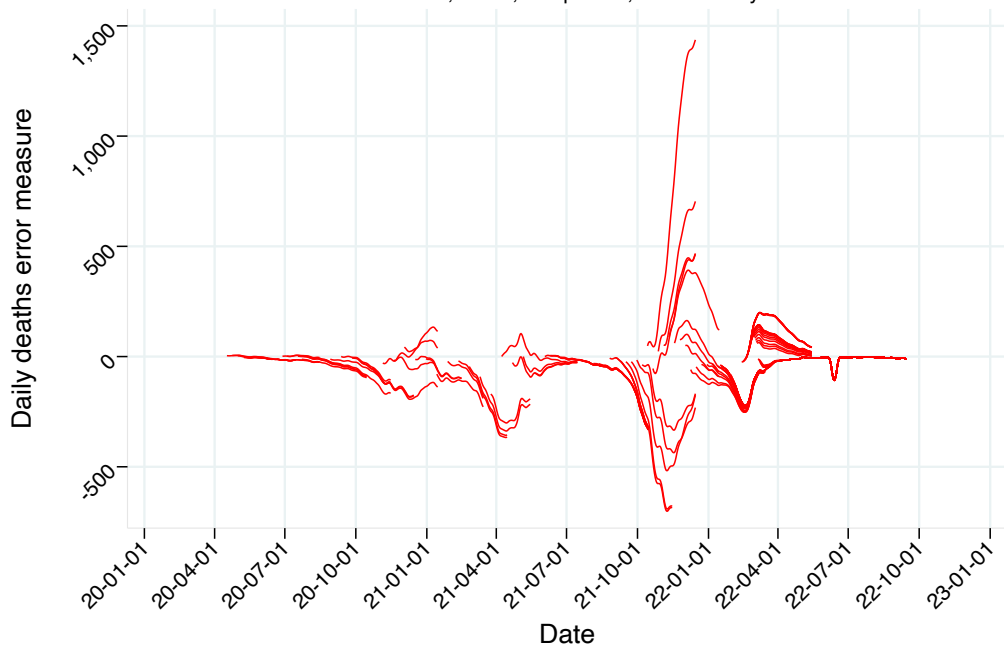
C19 daily deaths error

Ukraine, all Models, all updates, forecast only



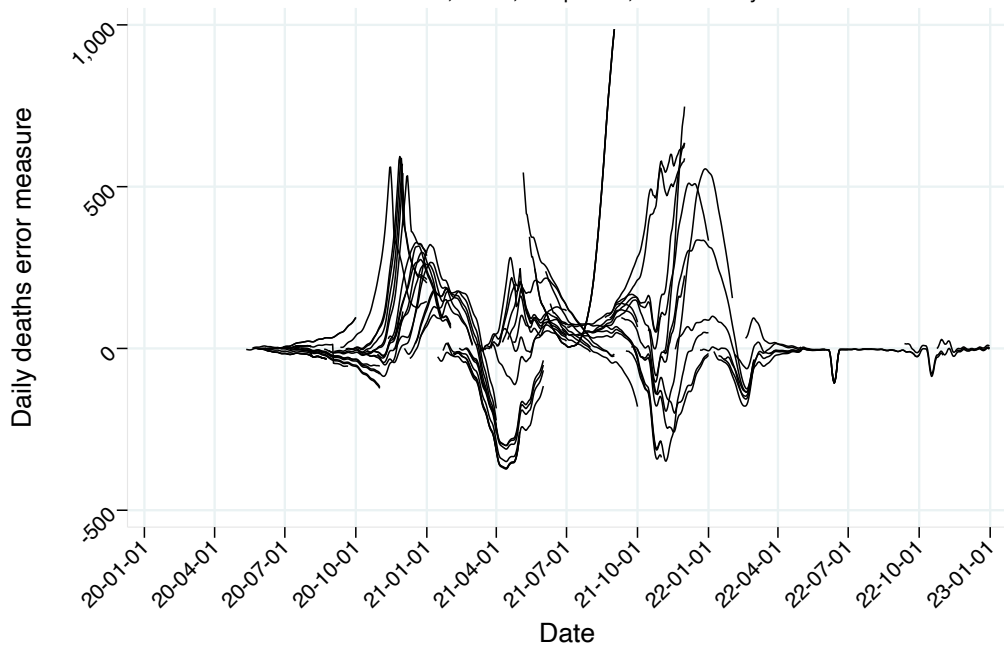
C19 daily deaths error

Ukraine, DELP, all updates, forecast only



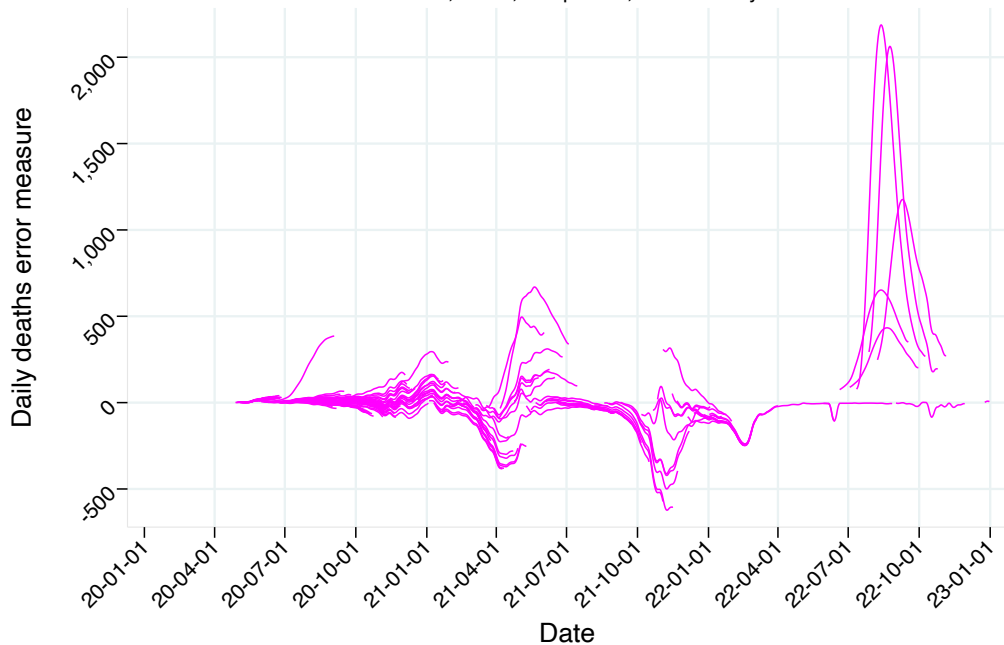
C19 daily deaths error

Ukraine, IHME, all updates, forecast only



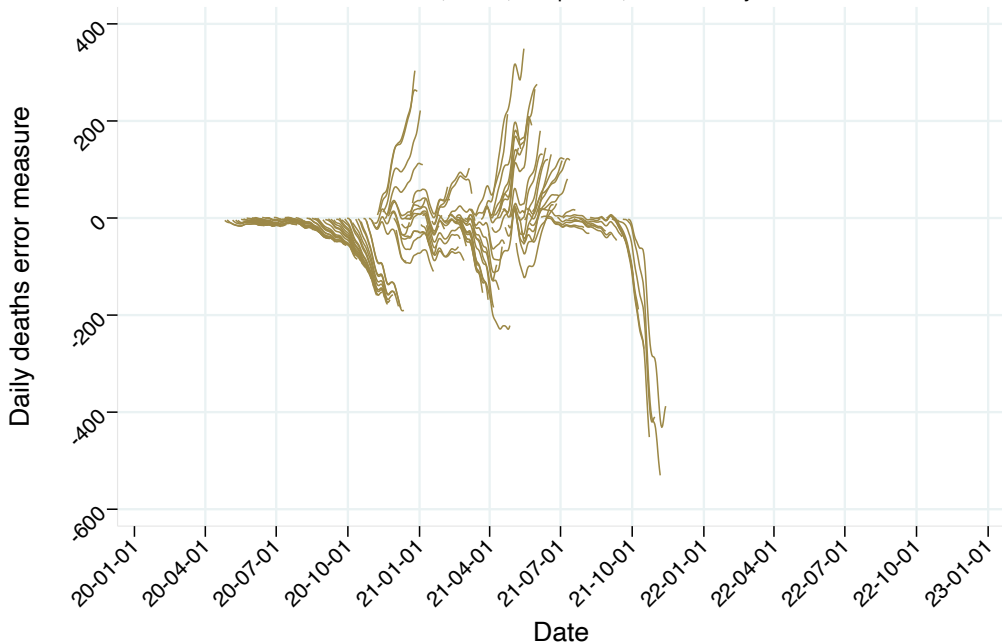
C19 daily deaths error

Ukraine, IMPE, all updates, forecast only



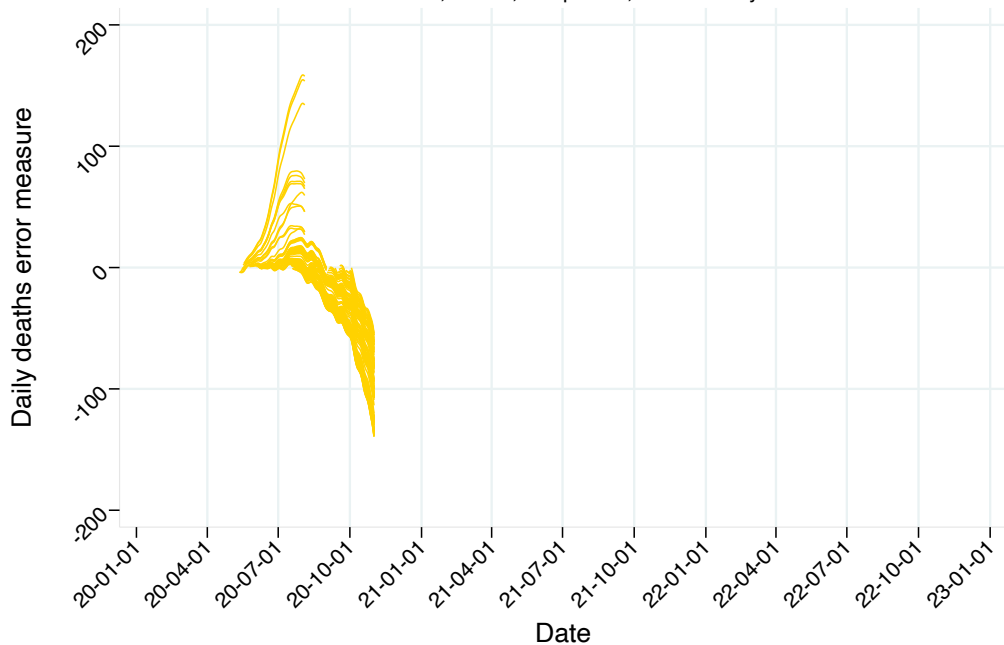
C19 daily deaths error

Ukraine, LANL, all updates, forecast only

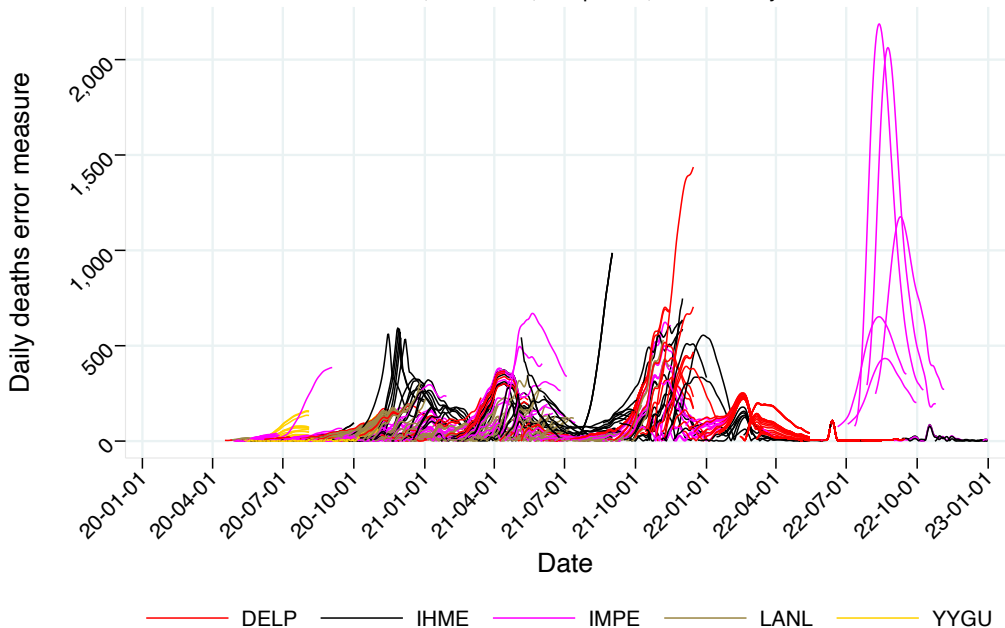


C19 daily deaths error

Ukraine, YYGU, all updates, forecast only

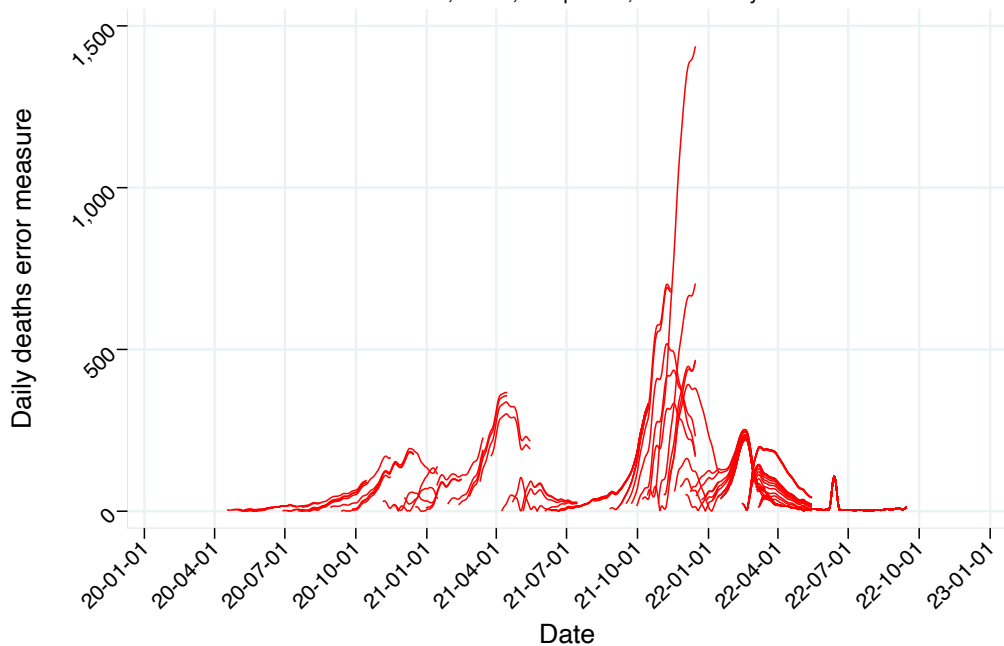


C19 daily deaths absolute error
Ukraine, all Models, all updates, forecast only



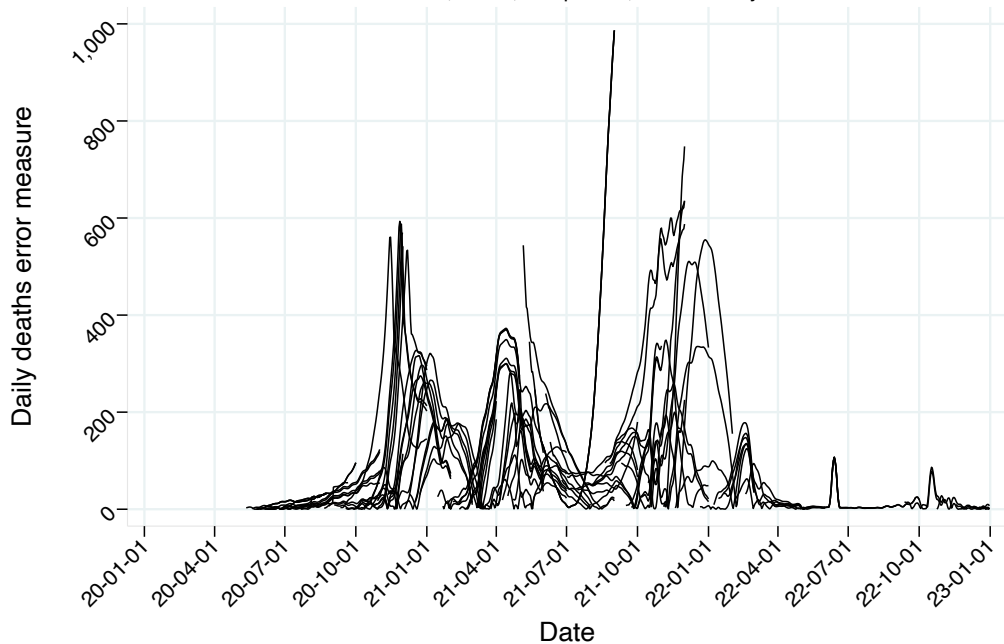
C19 daily deaths absolute error

Ukraine, DELP, all updates, forecast only



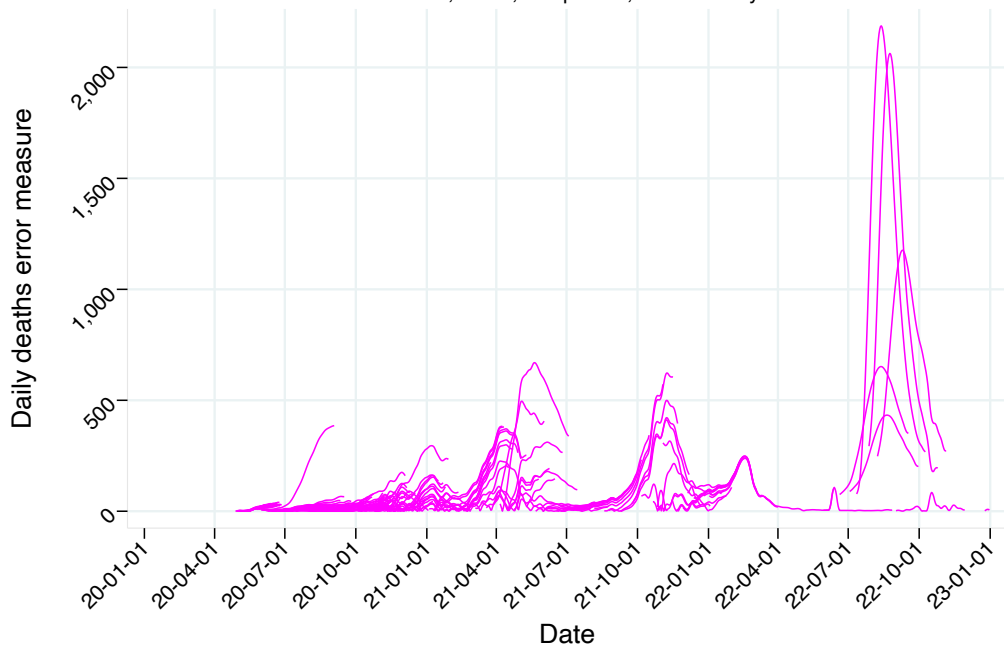
C19 daily deaths absolute error

Ukraine, IHME, all updates, forecast only



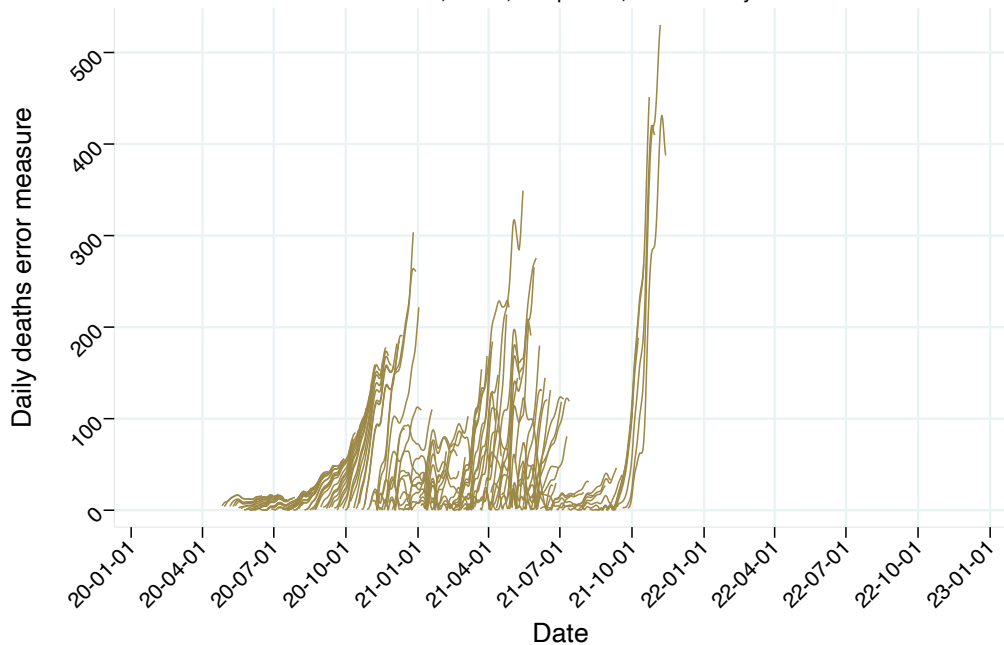
C19 daily deaths absolute error

Ukraine, IMPE, all updates, forecast only



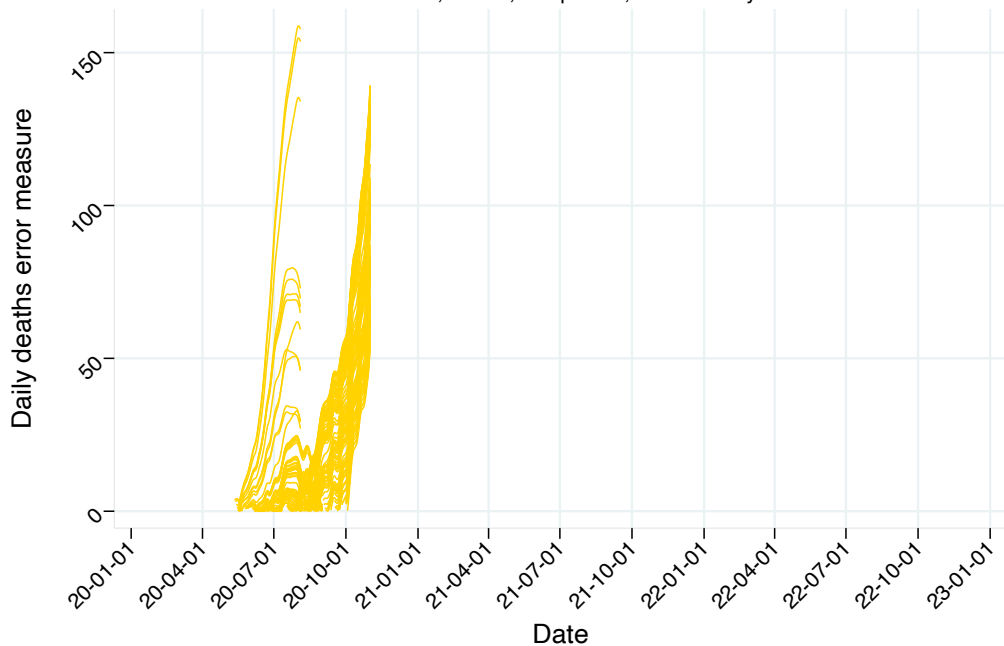
C19 daily deaths absolute error

Ukraine, LANL, all updates, forecast only



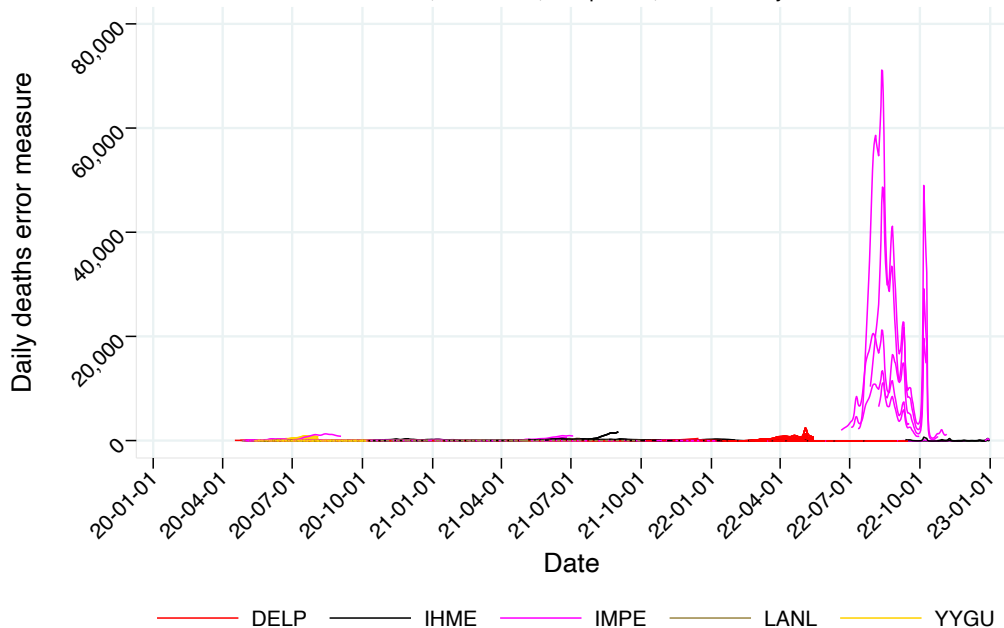
C19 daily deaths absolute error

Ukraine, YYGU, all updates, forecast only



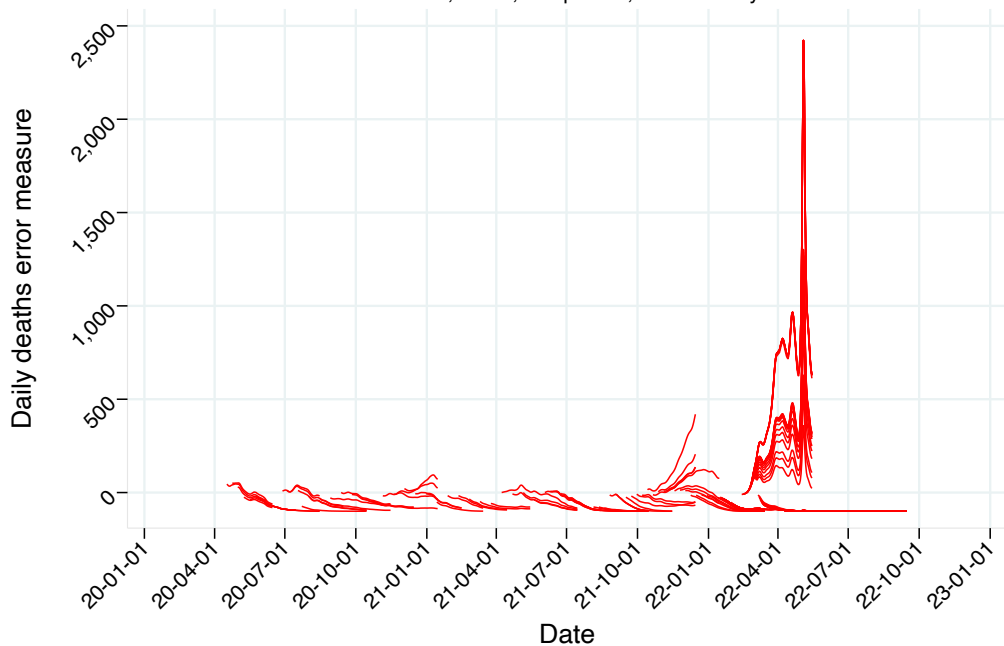
C19 daily deaths percent error

Ukraine, all Models, all updates, forecast only



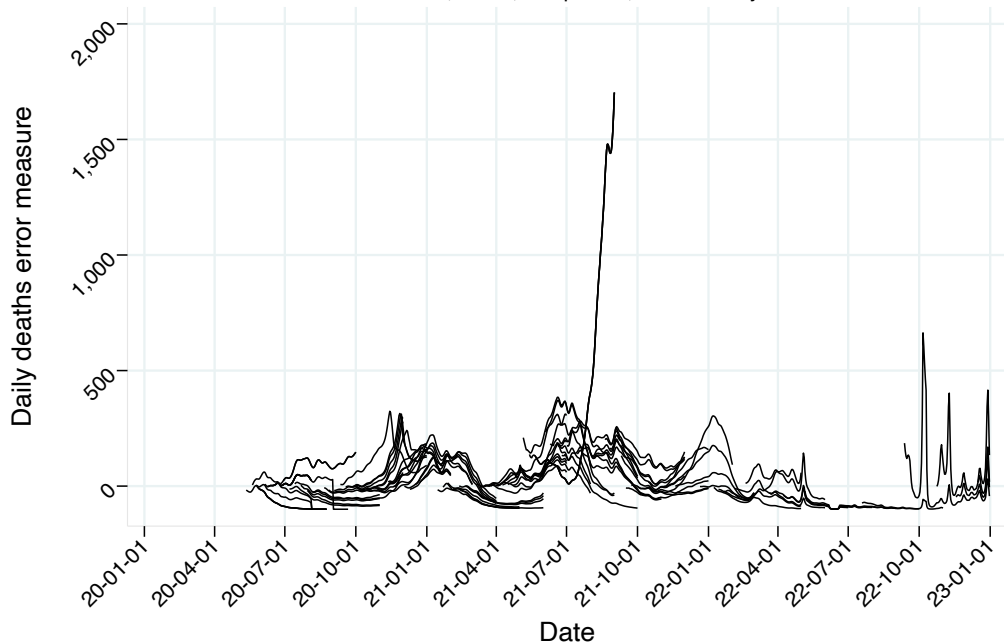
C19 daily deaths percent error

Ukraine, DELP, all updates, forecast only



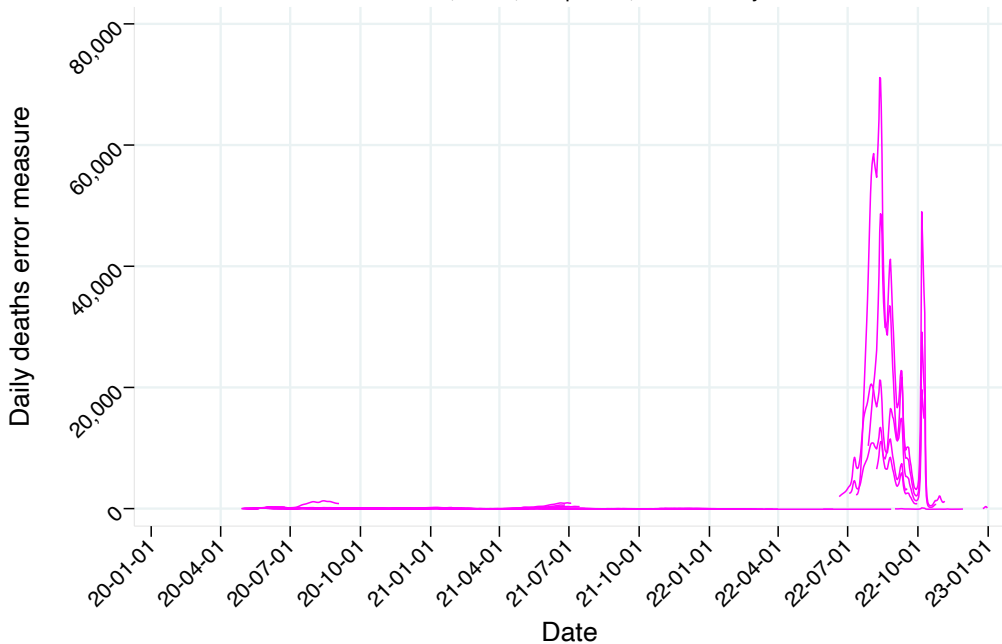
C19 daily deaths percent error

Ukraine, IHME, all updates, forecast only



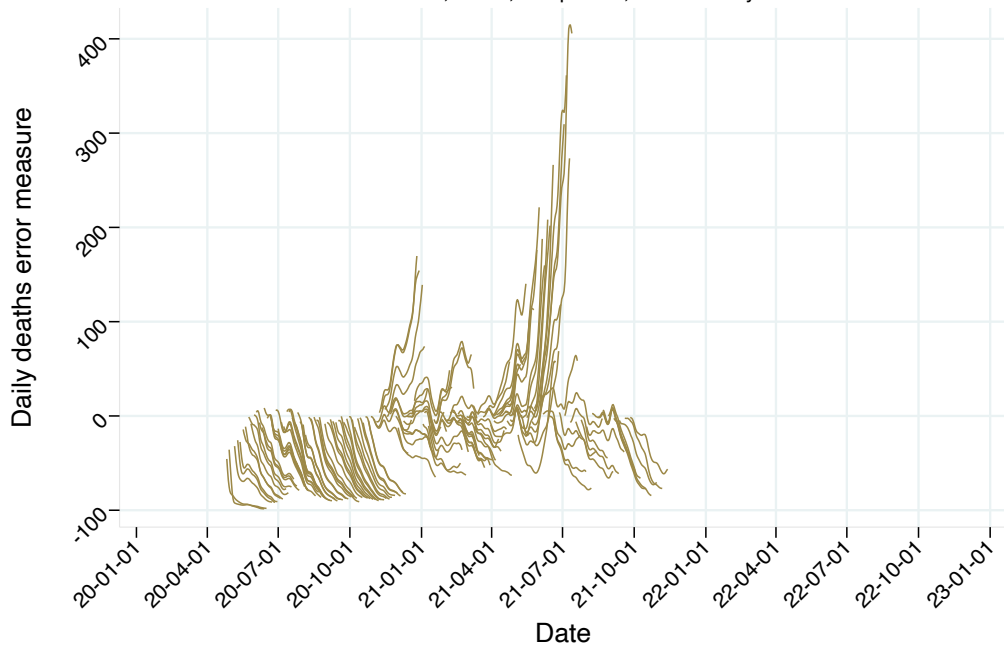
C19 daily deaths percent error

Ukraine, IMPE, all updates, forecast only



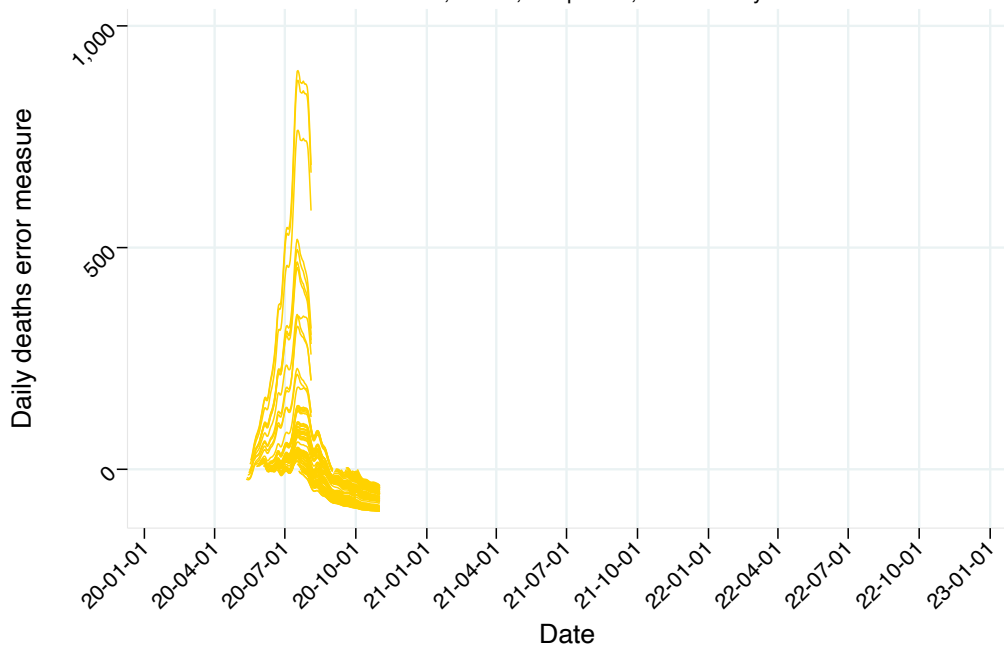
C19 daily deaths percent error

Ukraine, LANL, all updates, forecast only



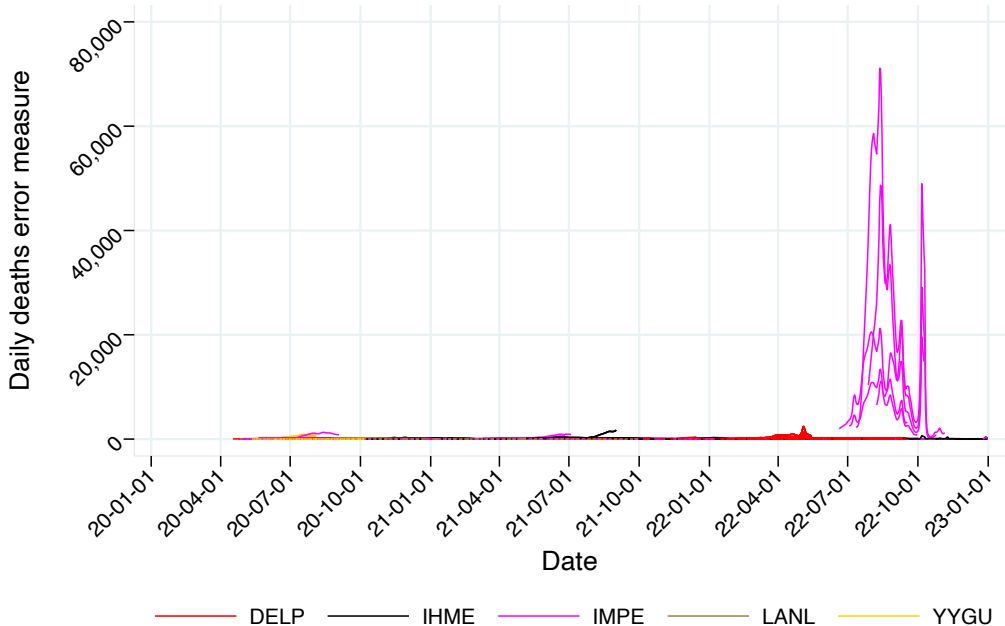
C19 daily deaths percent error

Ukraine, YYGU, all updates, forecast only



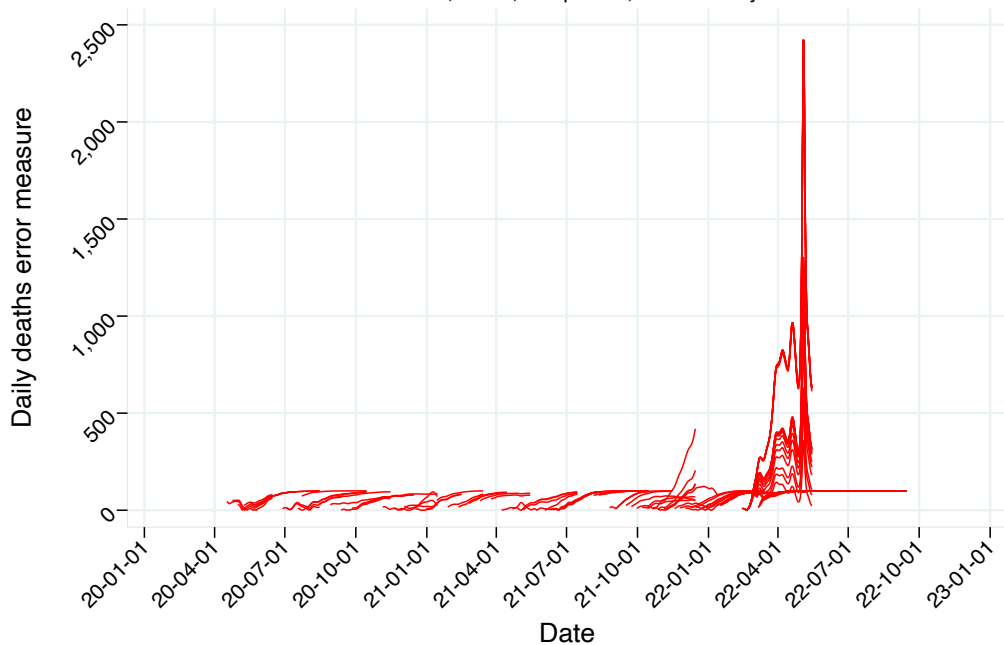
C19 daily deaths absolute percent error

Ukraine, ALL MODELS, all updates, forecast only



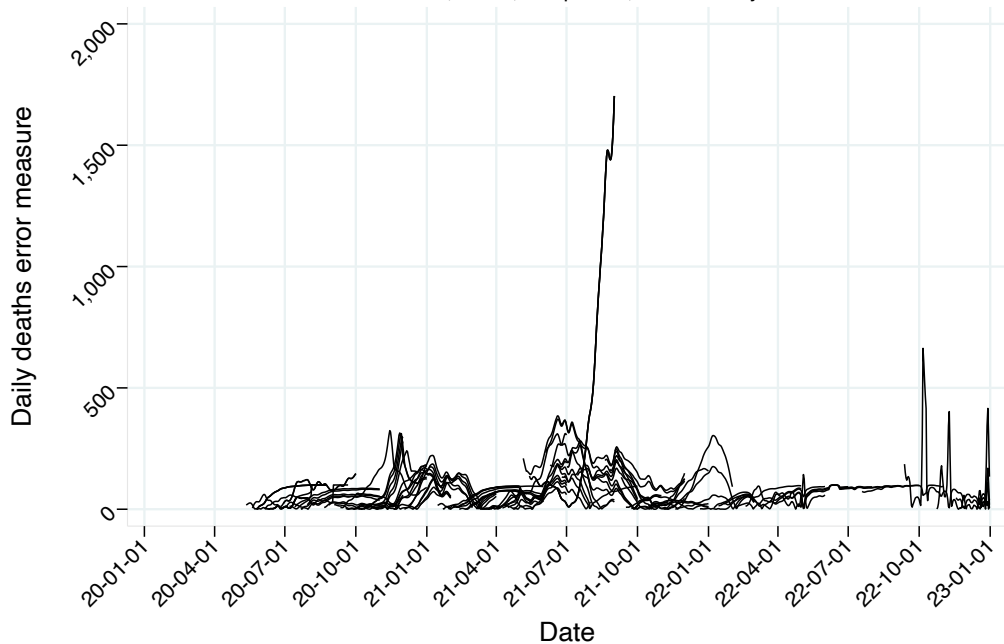
C19 daily deaths absolute percent error

Ukraine, DELP, all updates, forecast only



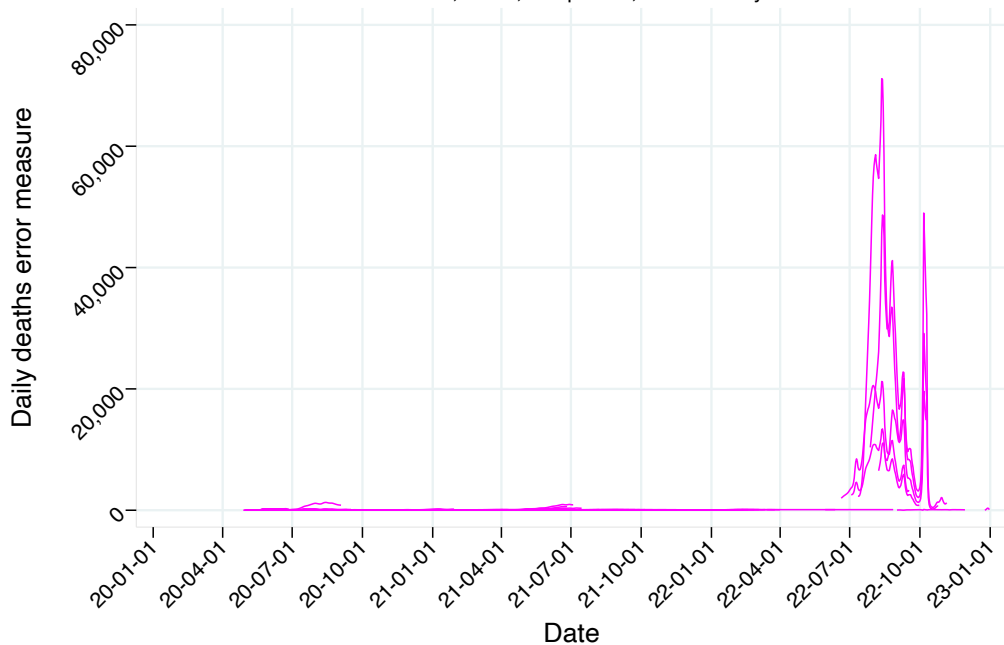
C19 daily deaths absolute percent error

Ukraine, IHME, all updates, forecast only



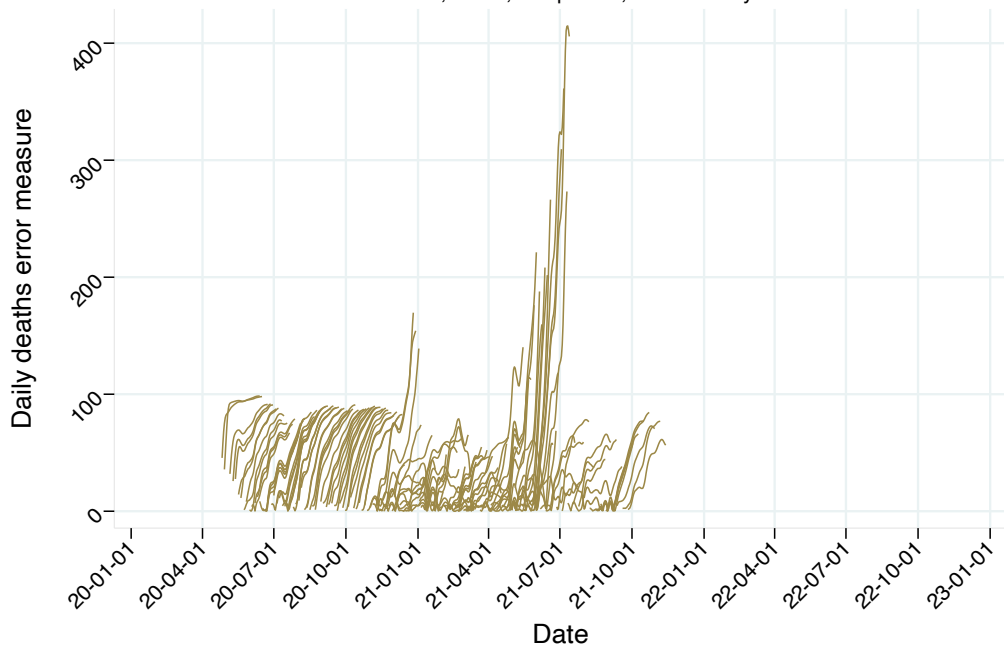
C19 daily deaths absolute percent error

Ukraine, IMPE, all updates, forecast only



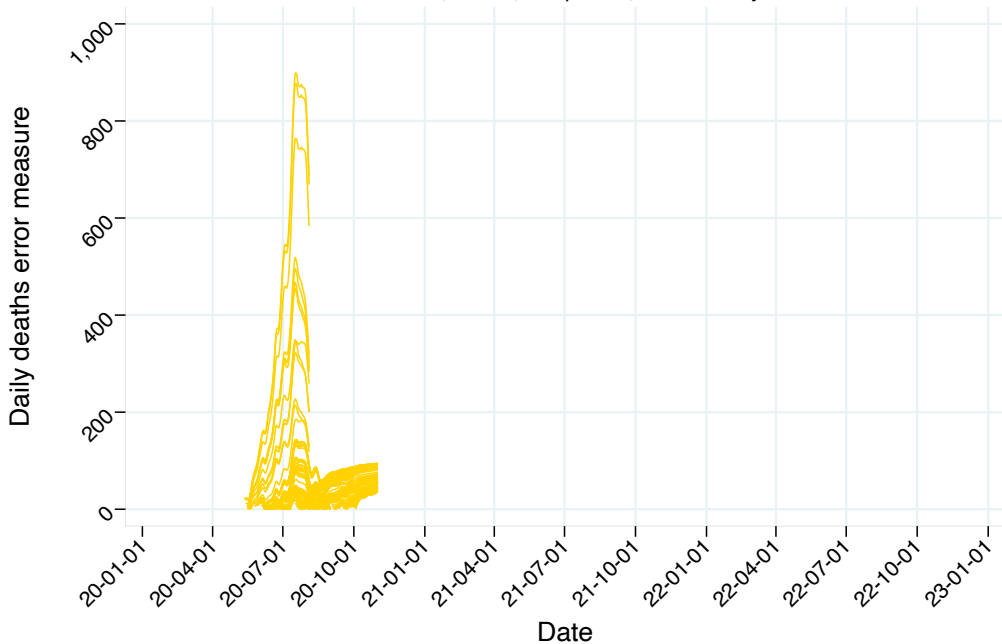
C19 daily deaths absolute percent error

Ukraine, LANL, all updates, forecast only



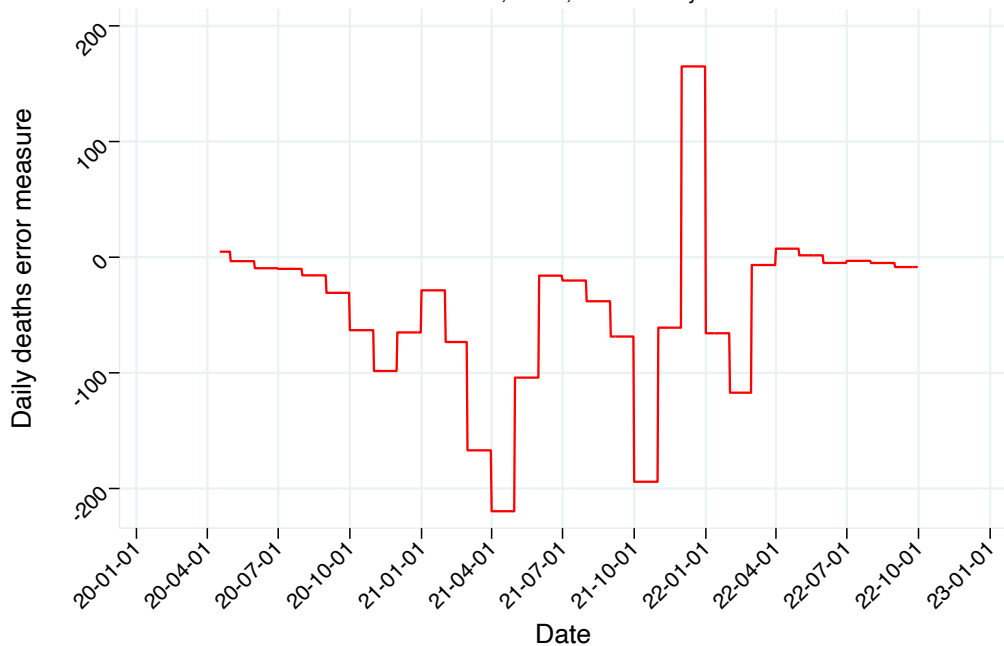
C19 daily deaths absolute percent error

Ukraine, YYGU, all updates, forecast only



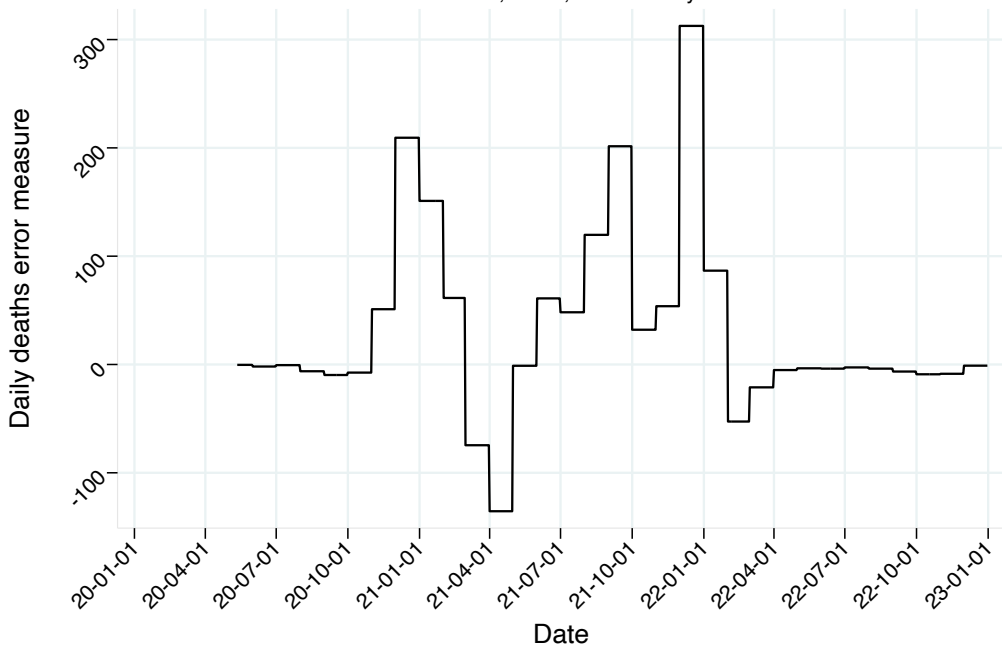
C19 daily deaths, average median error

Ukraine, DELP, forecast only



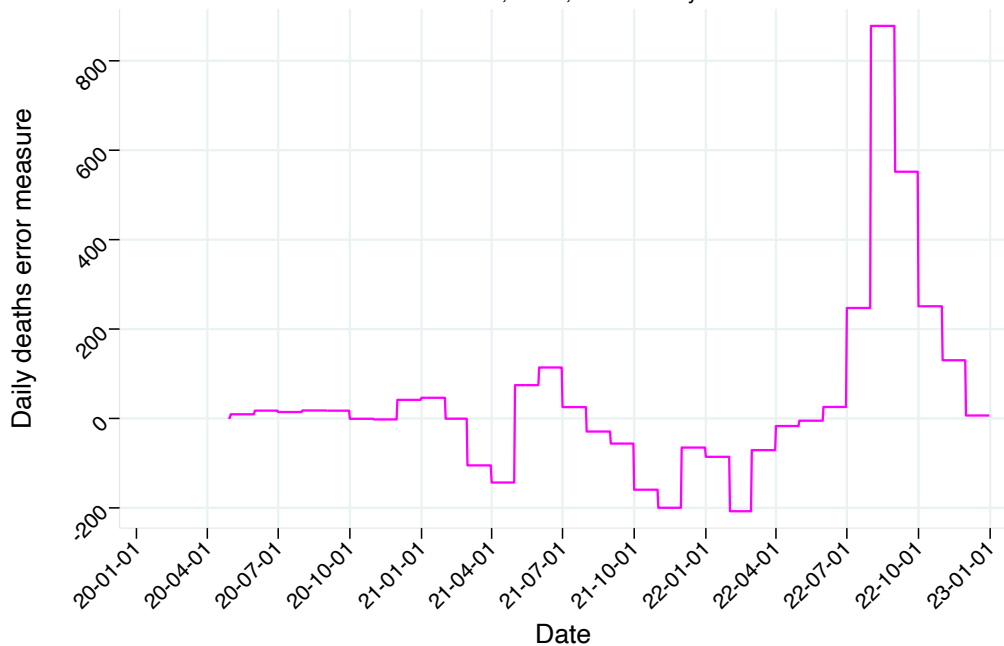
C19 daily deaths, average median error

Ukraine, IHME, forecast only



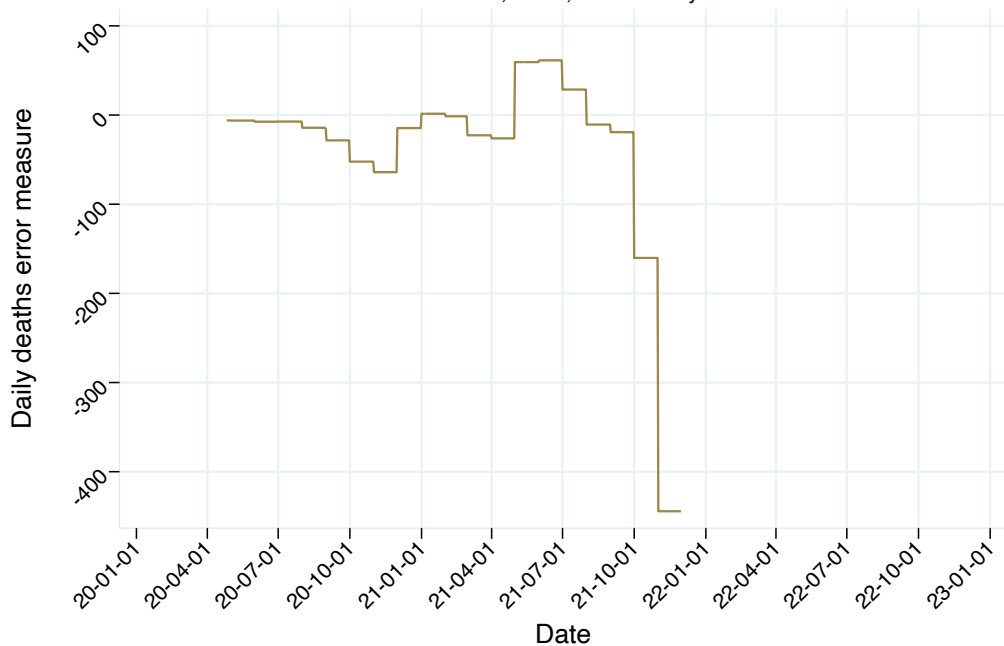
C19 daily deaths, average median error

Ukraine, IMPE, forecast only



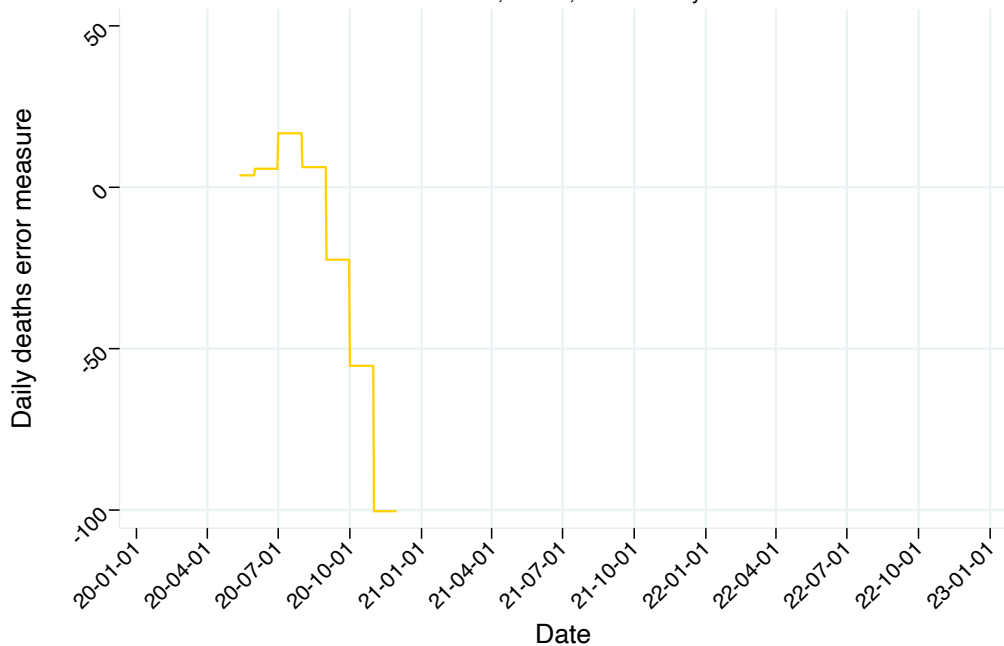
C19 daily deaths, average median error

Ukraine, LANL, forecast only



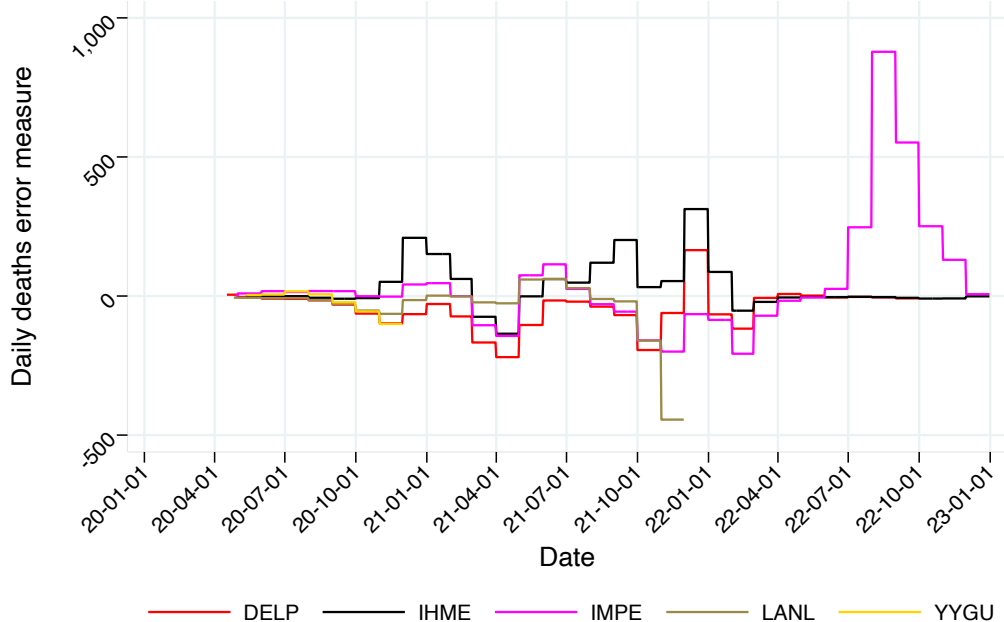
C19 daily deaths, average median error

Ukraine, YYGU, forecast only



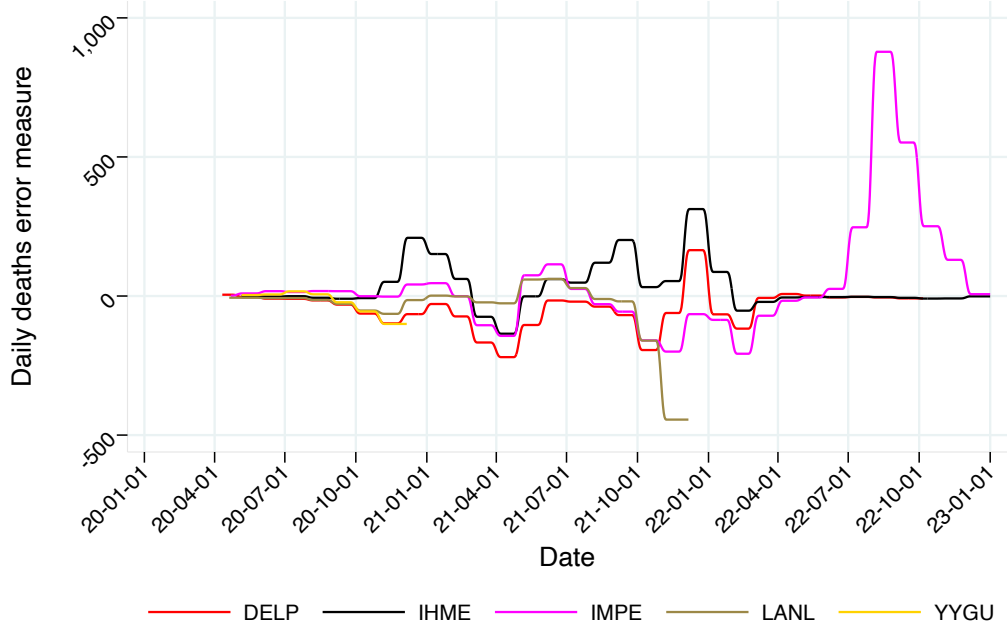
C19 daily deaths, average median error

Ukraine, all Models, forecast only



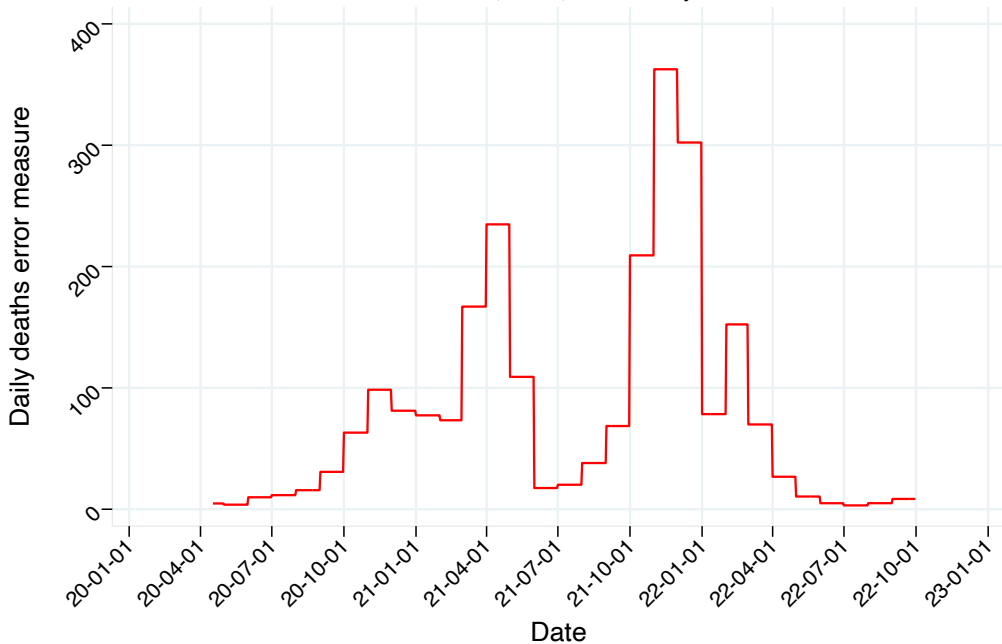
C19 daily deaths, average median error

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



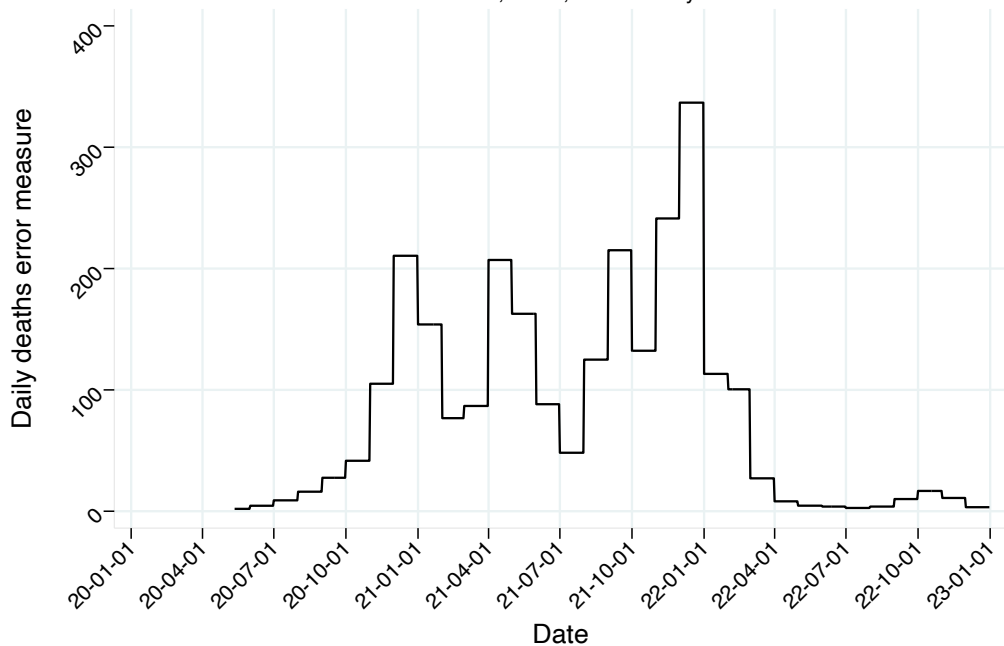
C19 daily deaths, average median absolute error

Ukraine, DELP, forecast only



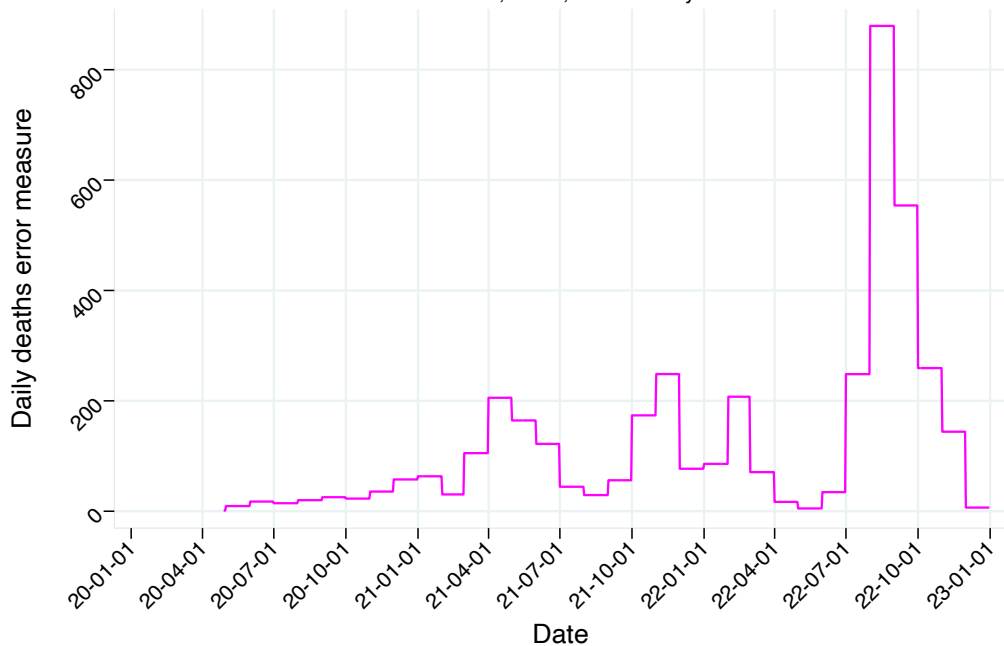
C19 daily deaths, average median absolute error

Ukraine, IHME, forecast only



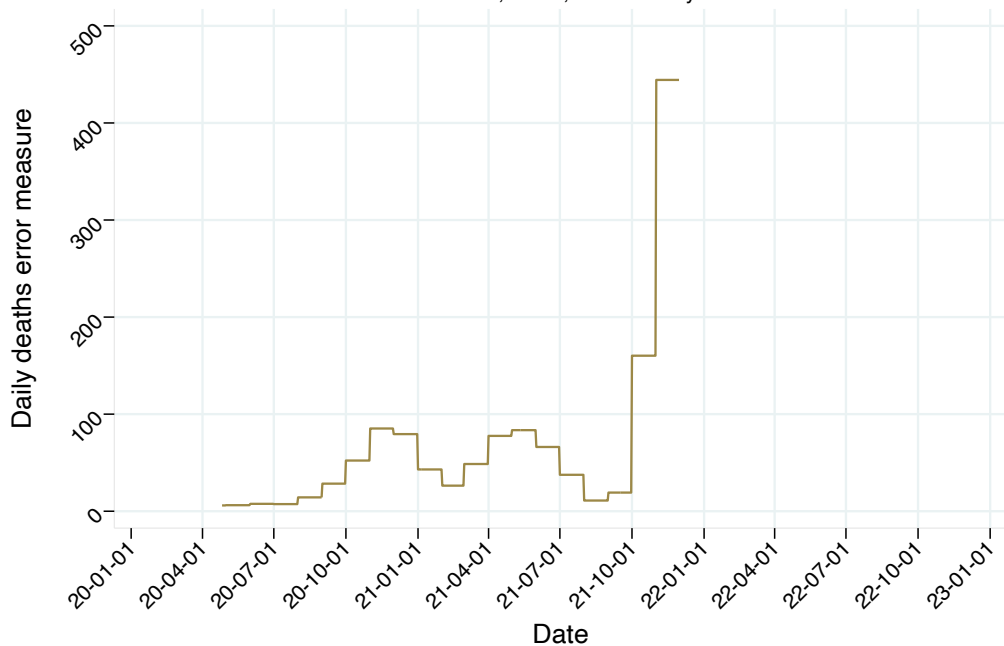
C19 daily deaths, average median absolute error

Ukraine, IMPE, forecast only



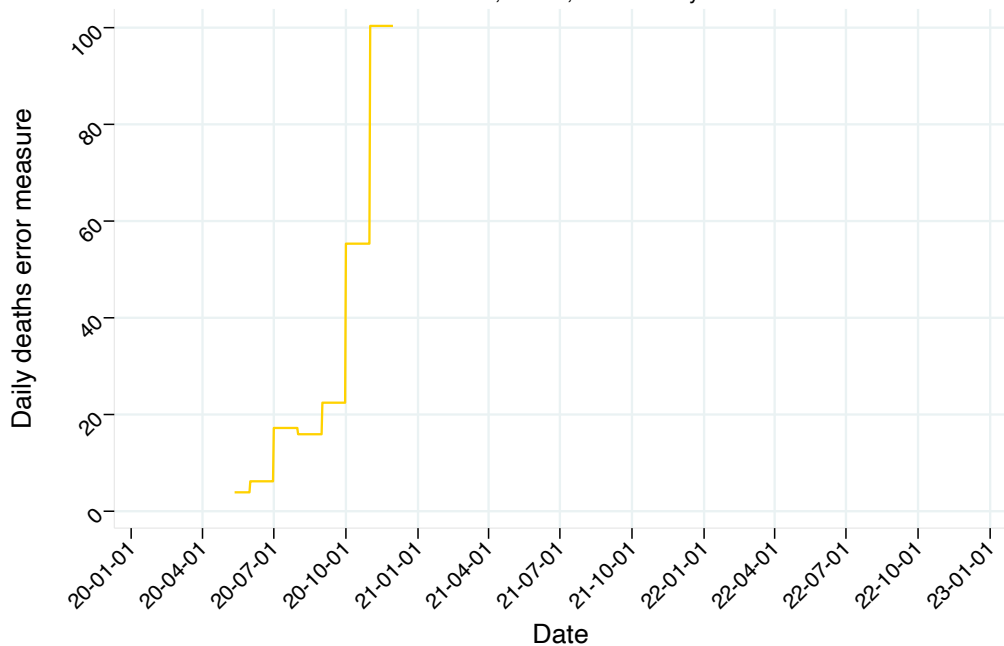
C19 daily deaths, average median absolute error

Ukraine, LANL, forecast only



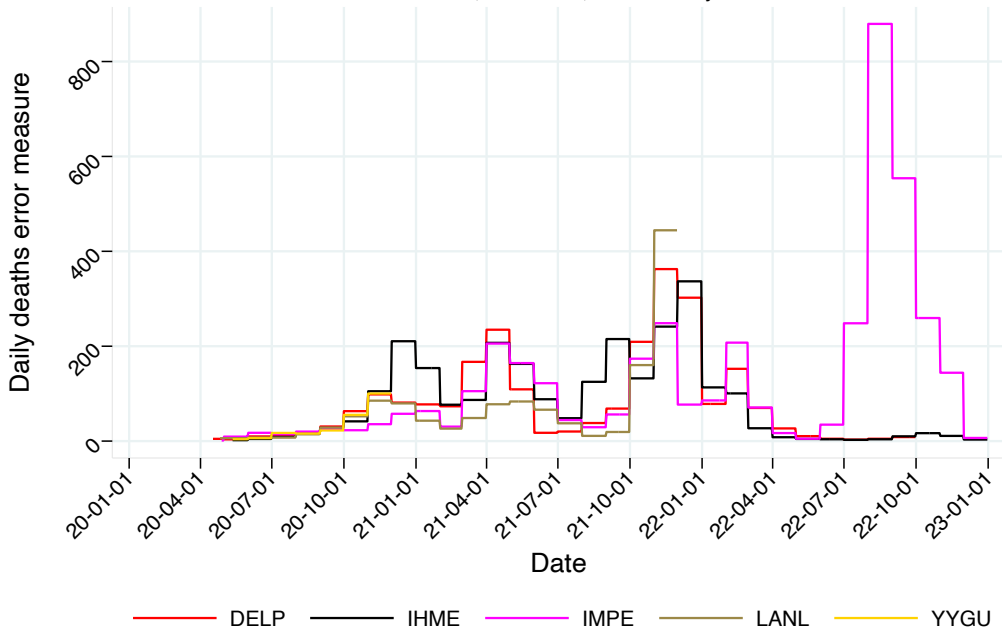
C19 daily deaths, average median absolute error

Ukraine, YYGU, forecast only



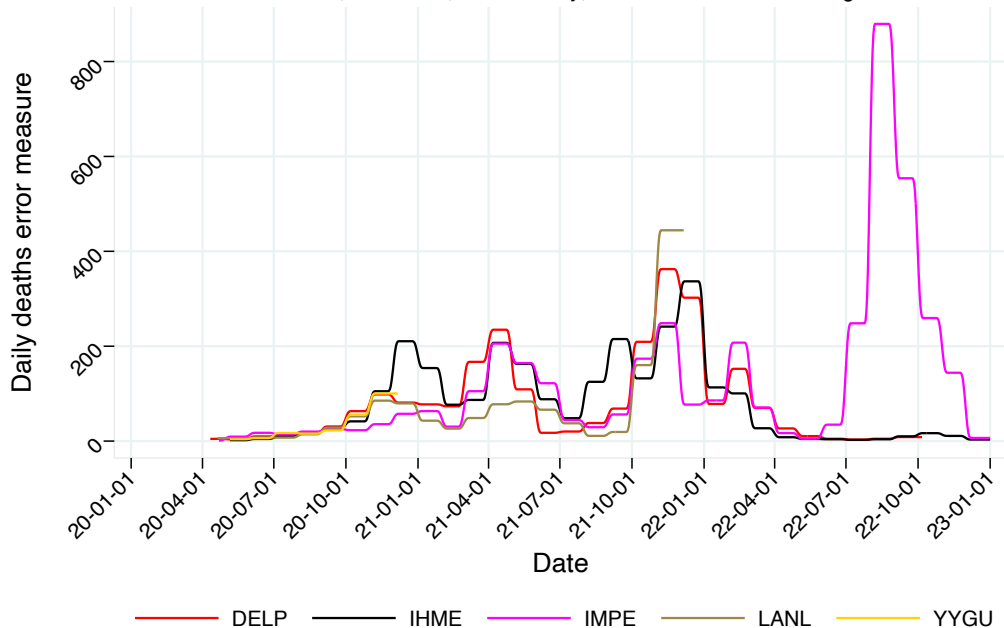
C19 daily deaths, average median absolute error

Ukraine, all Models, forecast only



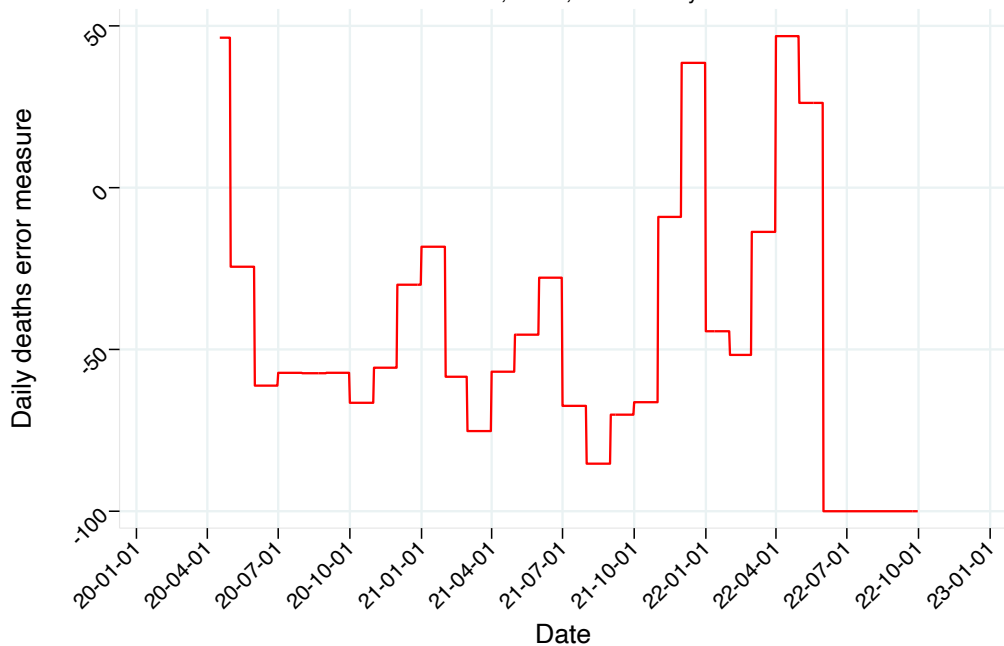
C19 daily deaths, average median absolute error

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



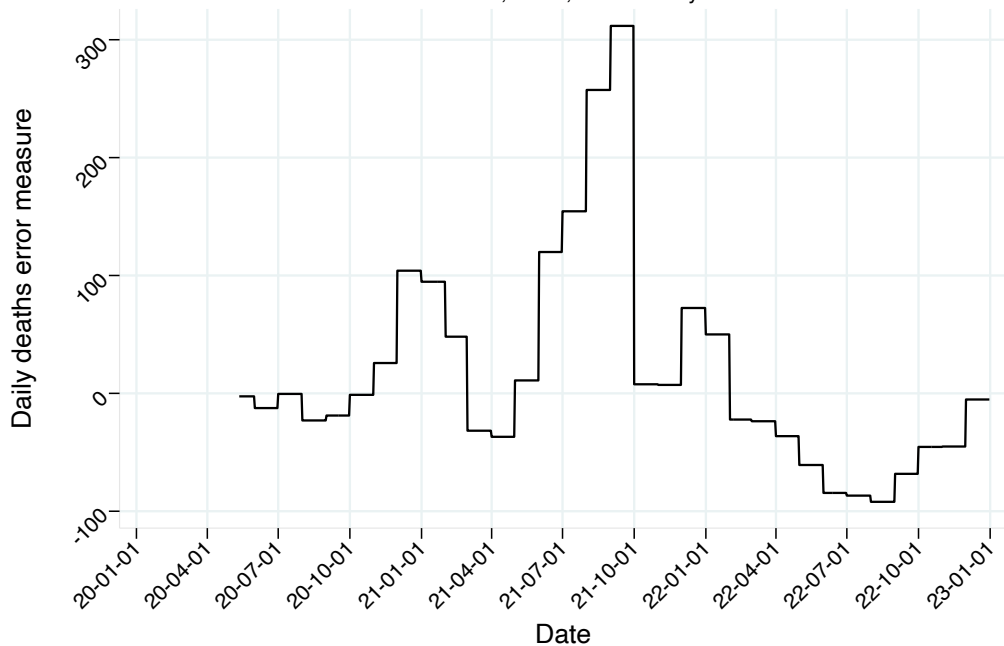
C19 daily deaths, average median percent error

Ukraine, DELP, forecast only



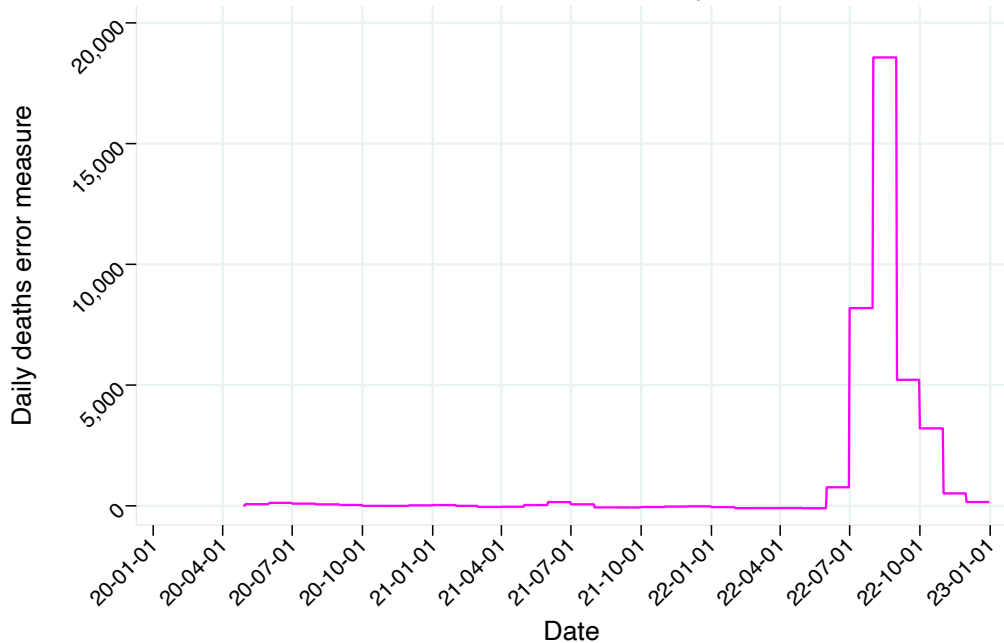
C19 daily deaths, average median percent error

Ukraine, IHME, forecast only



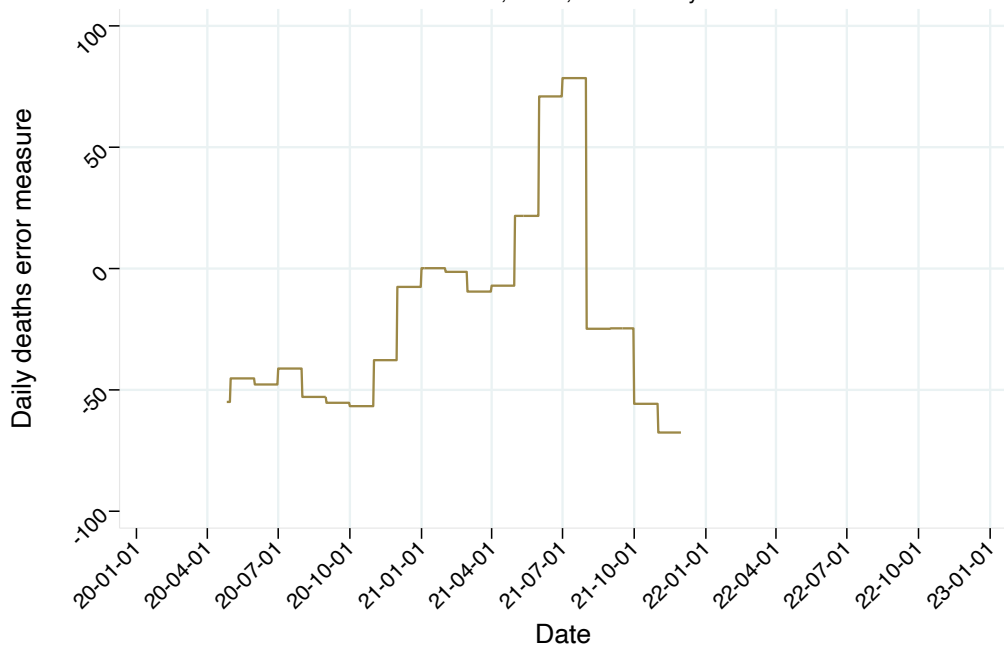
C19 daily deaths, average median percent error

Ukraine, IMPE, forecast only



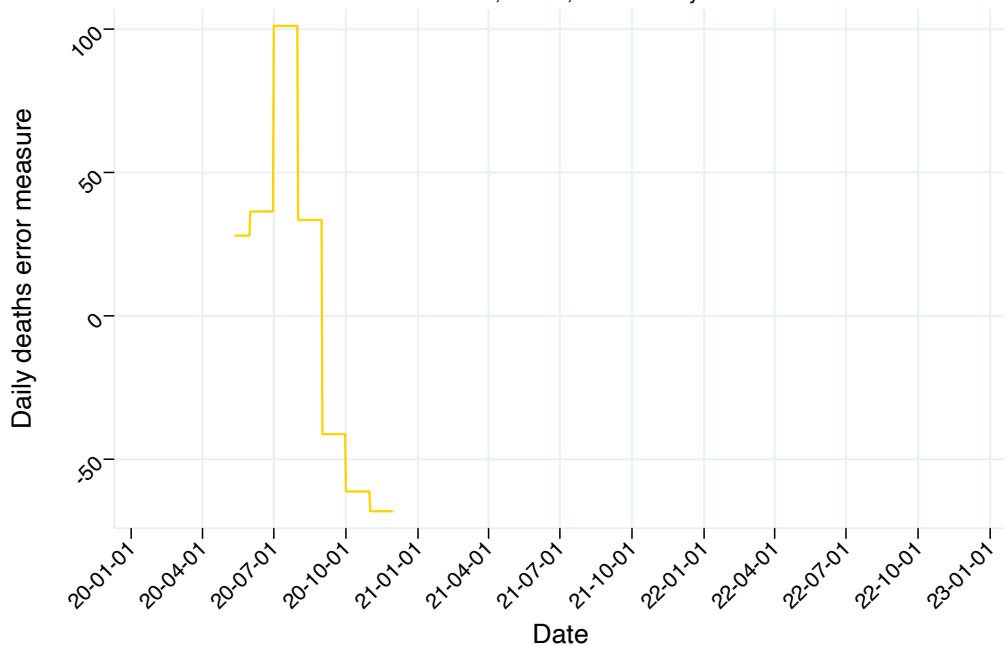
C19 daily deaths, average median percent error

Ukraine, LANL, forecast only



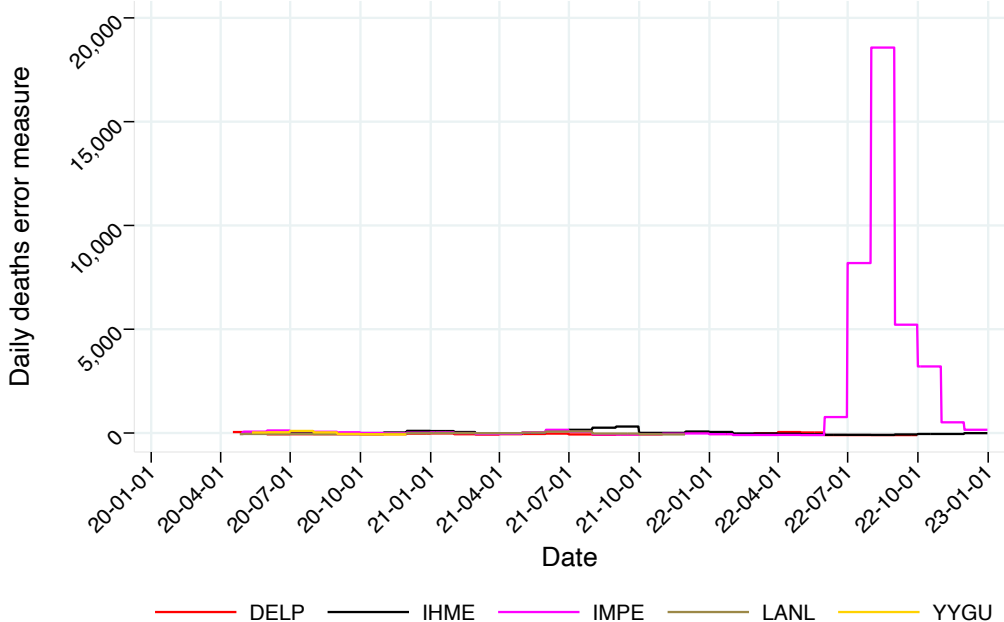
C19 daily deaths, average median percent error

Ukraine, YYGU, forecast only



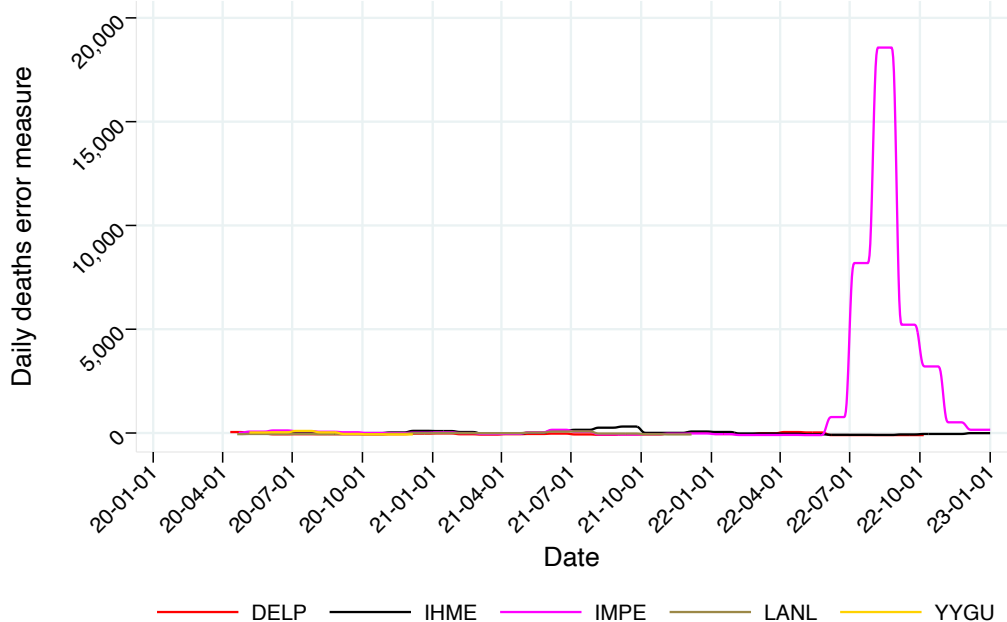
C19 daily deaths, average median percent error

Ukraine, all Models, forecast only



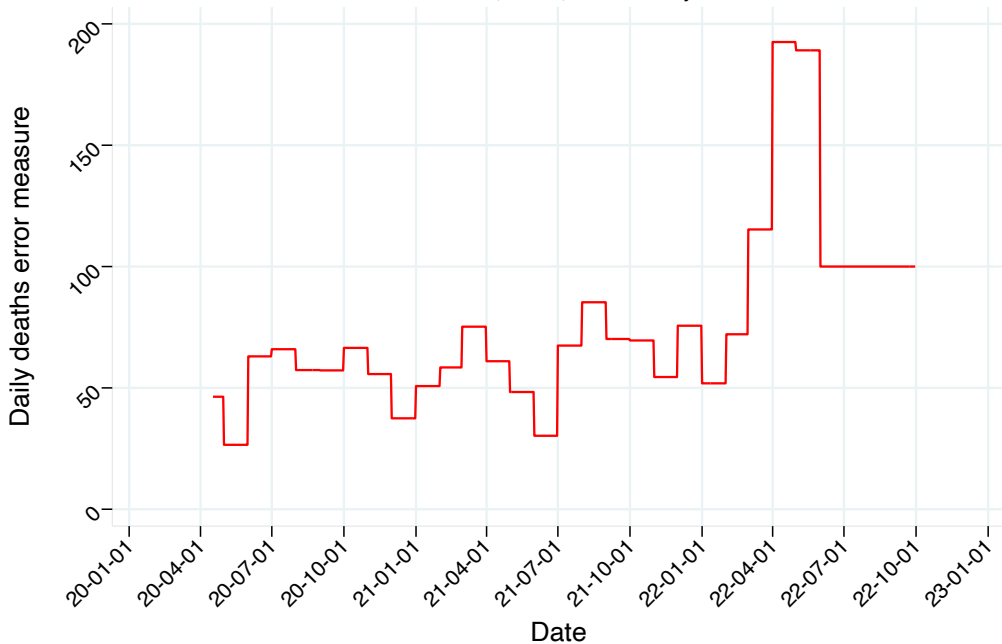
C19 daily deaths, average median percent error

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



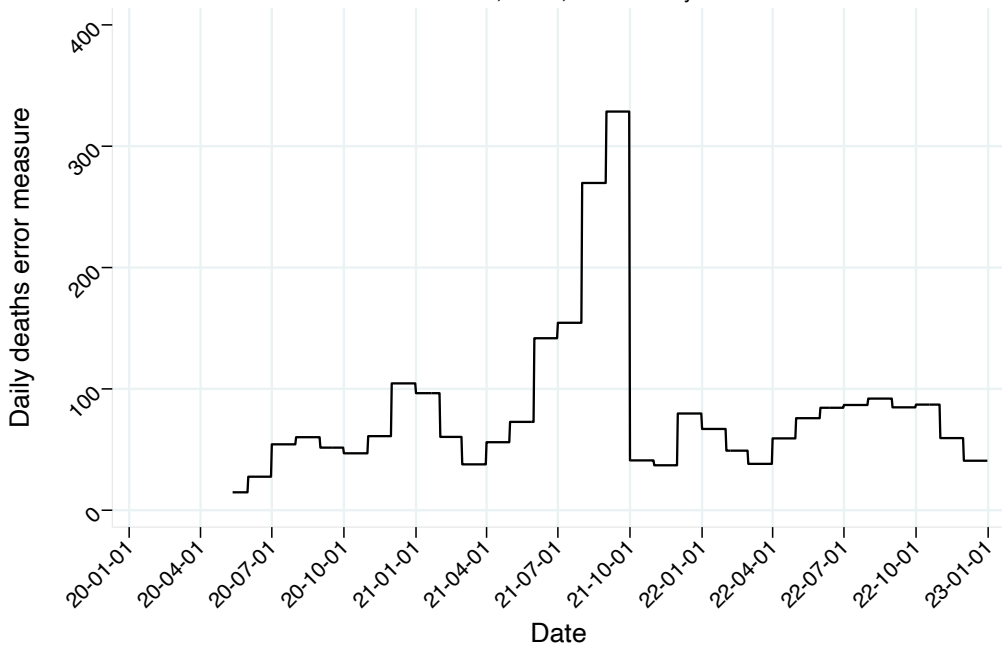
C19 daily deaths, average median absolute percent error

Ukraine, DELP, forecast only



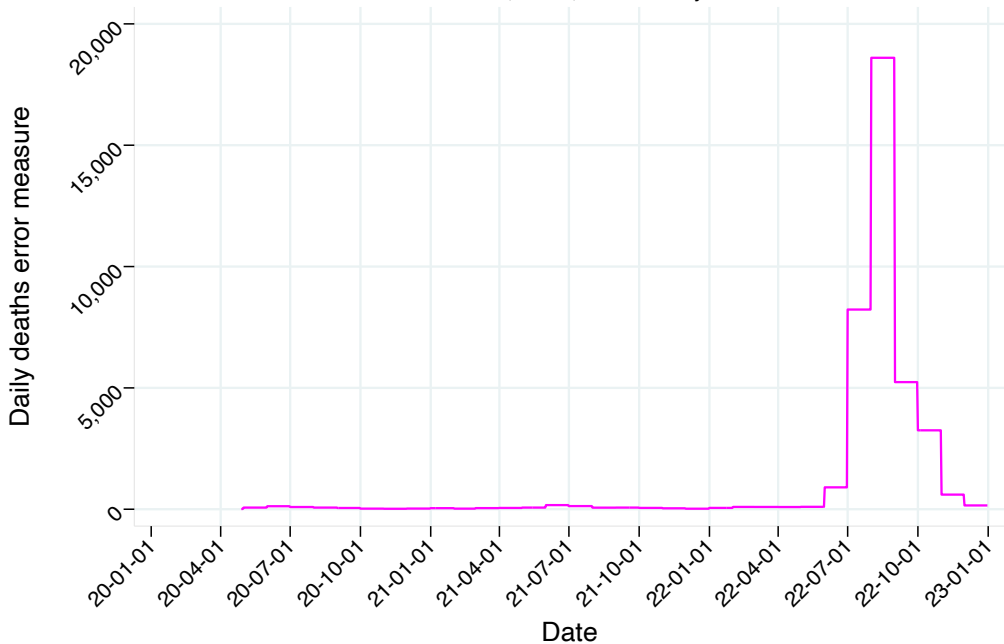
C19 daily deaths, average median absolute percent error

Ukraine, IHME, forecast only



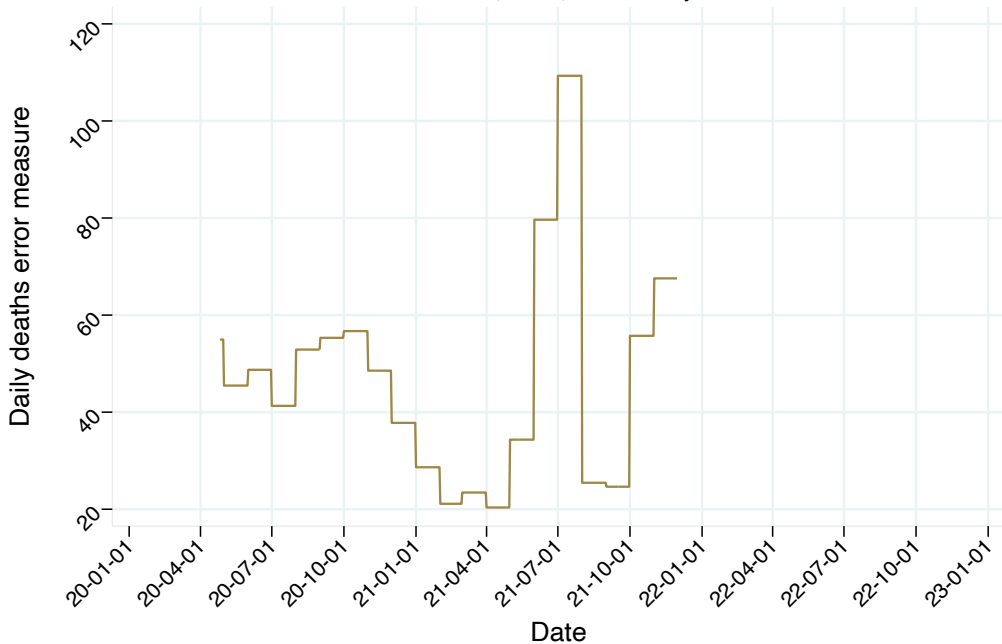
C19 daily deaths, average median absolute percent error

Ukraine, IMPE, forecast only



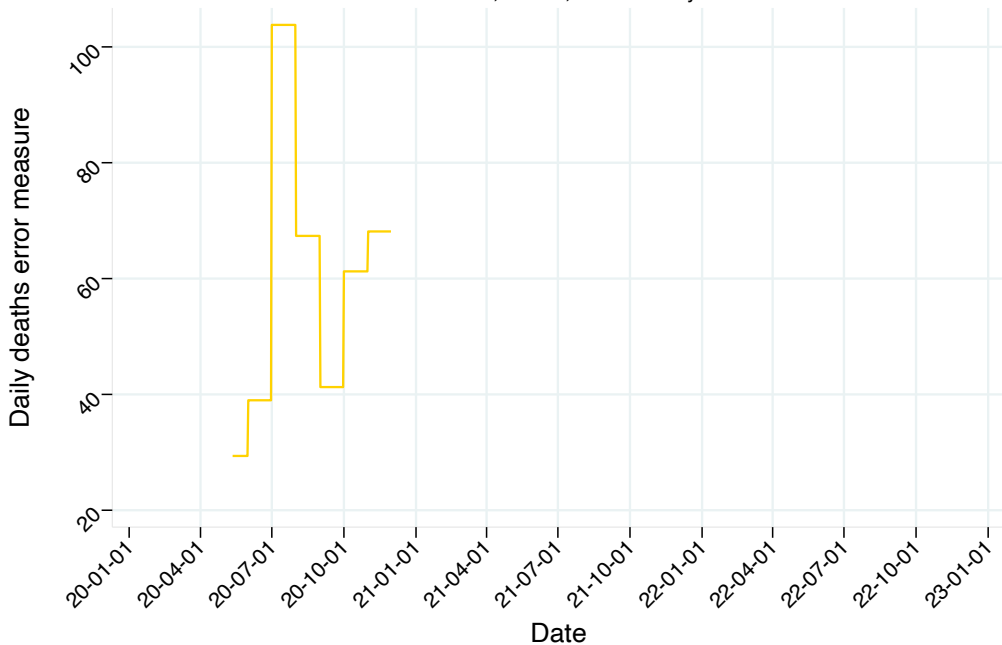
C19 daily deaths, average median absolute percent error

Ukraine, LANL, forecast only



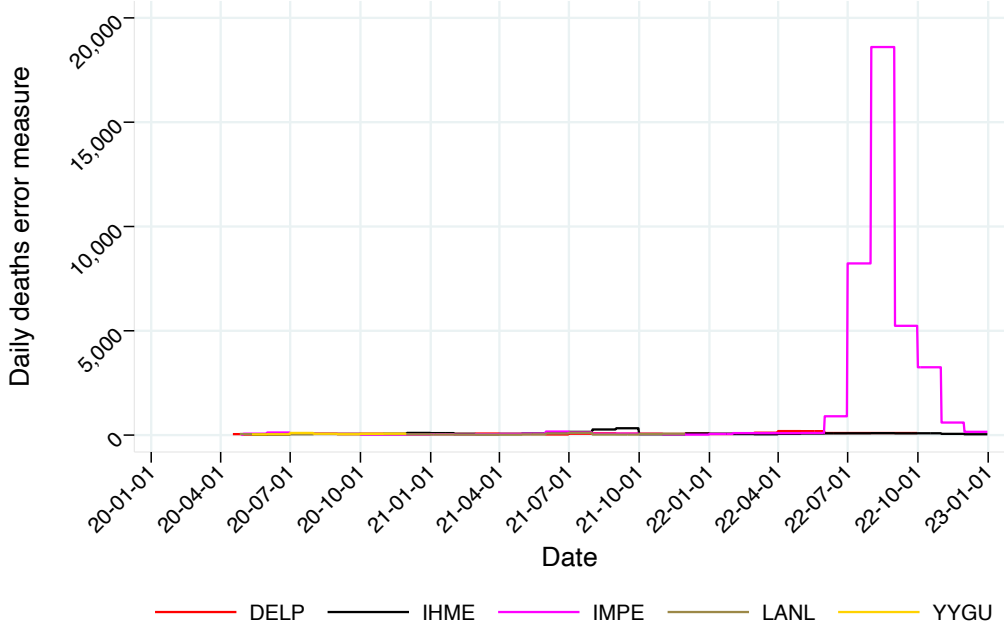
C19 daily deaths, average median absolute percent error

Ukraine, YYGU, forecast only



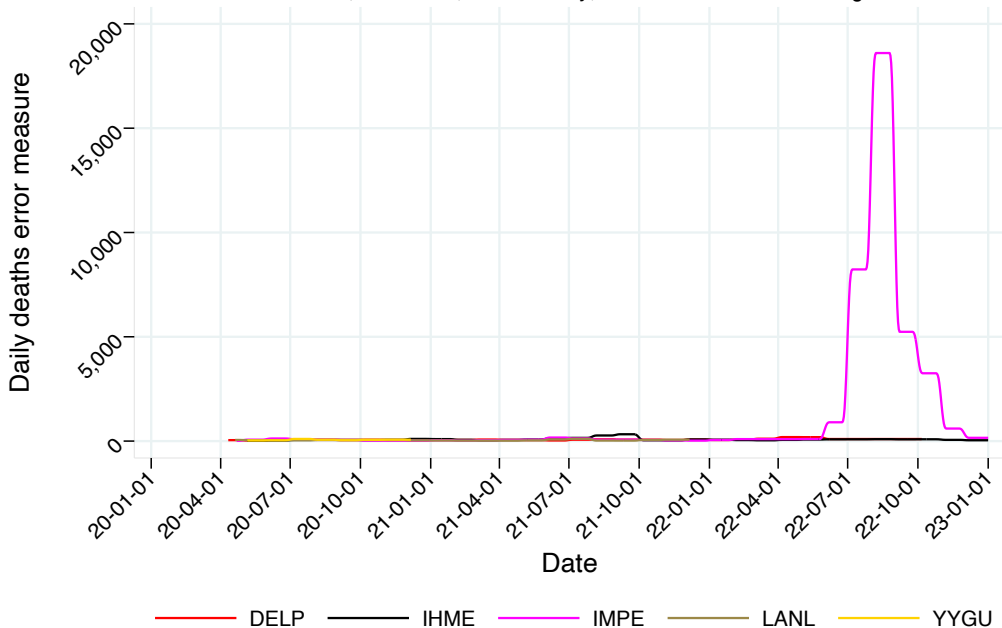
C19 daily deaths, average median absolute percent error

Ukraine, all Models, forecast only



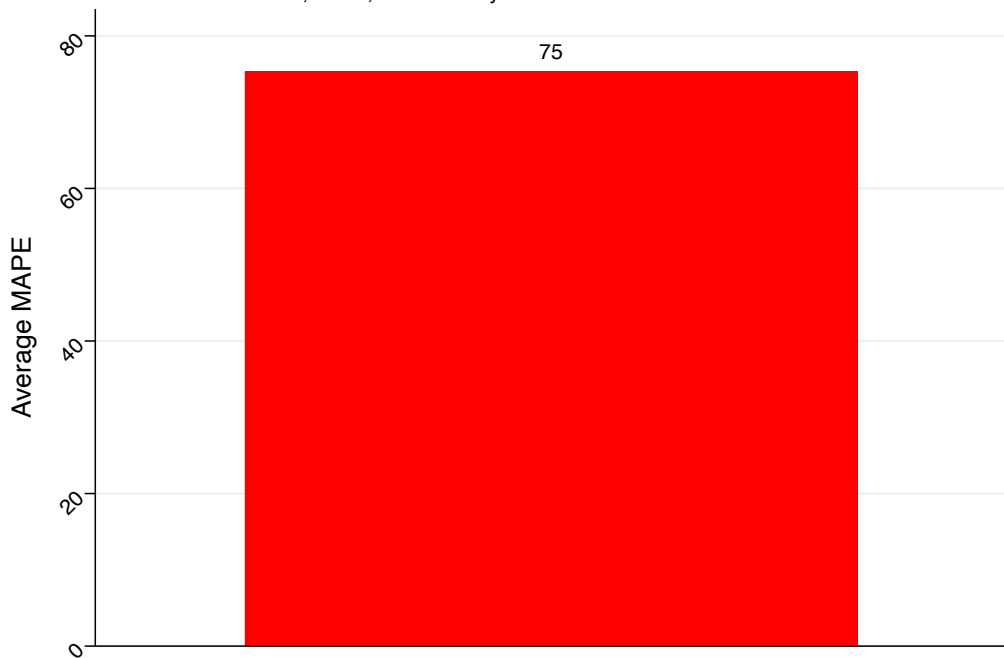
C19 daily deaths, average median absolute percent error

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



C19 daily deaths average MAPE over updates and calendar months

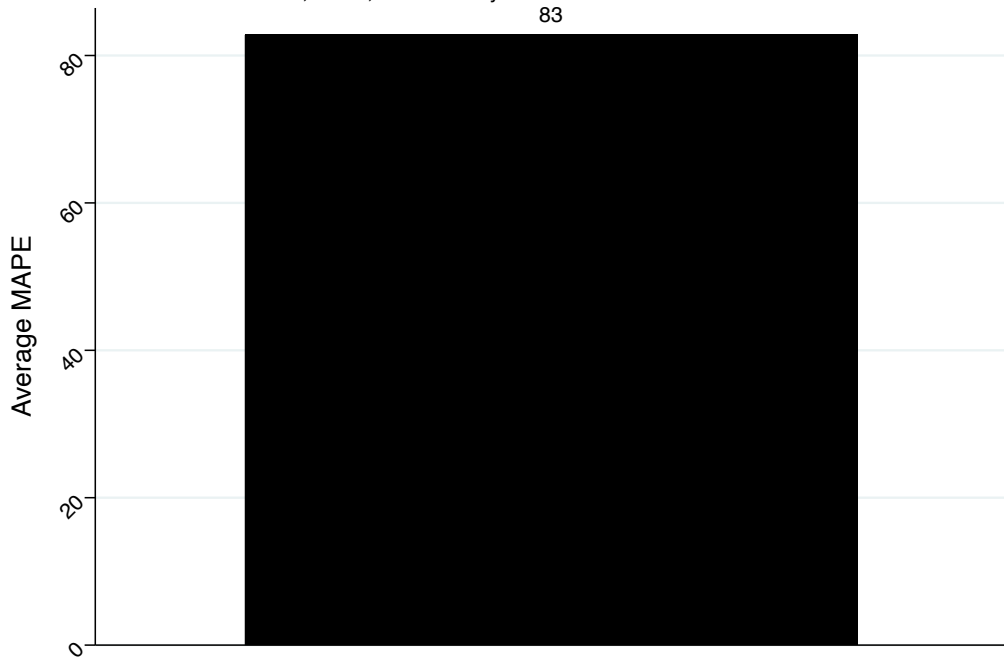
Ukraine, DELP, forecast only. MAPE: Median Absolute Percent Error



C19 daily deaths average MAPE over updates and calendar months

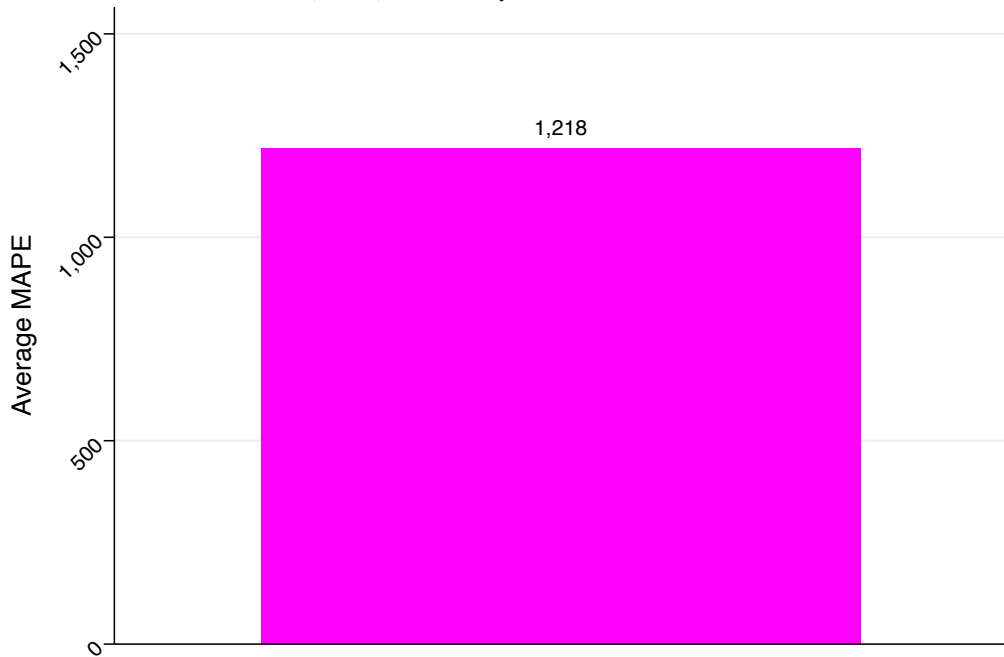
Ukraine, IHME, forecast only. MAPE: Median Absolute Percent Error

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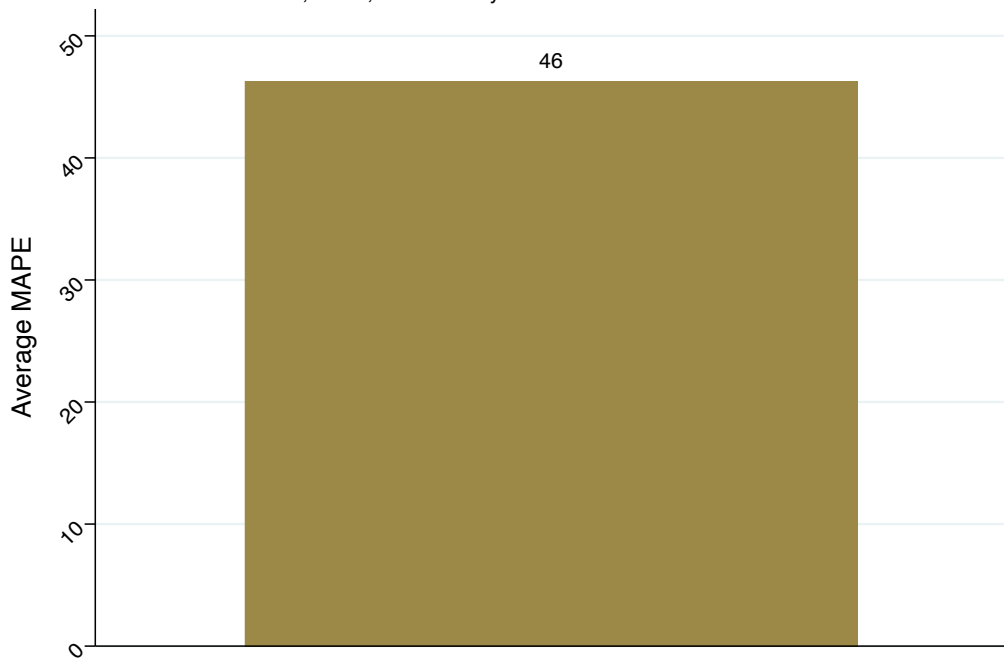
C19 daily deaths average MAPE over updates and calendar months

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



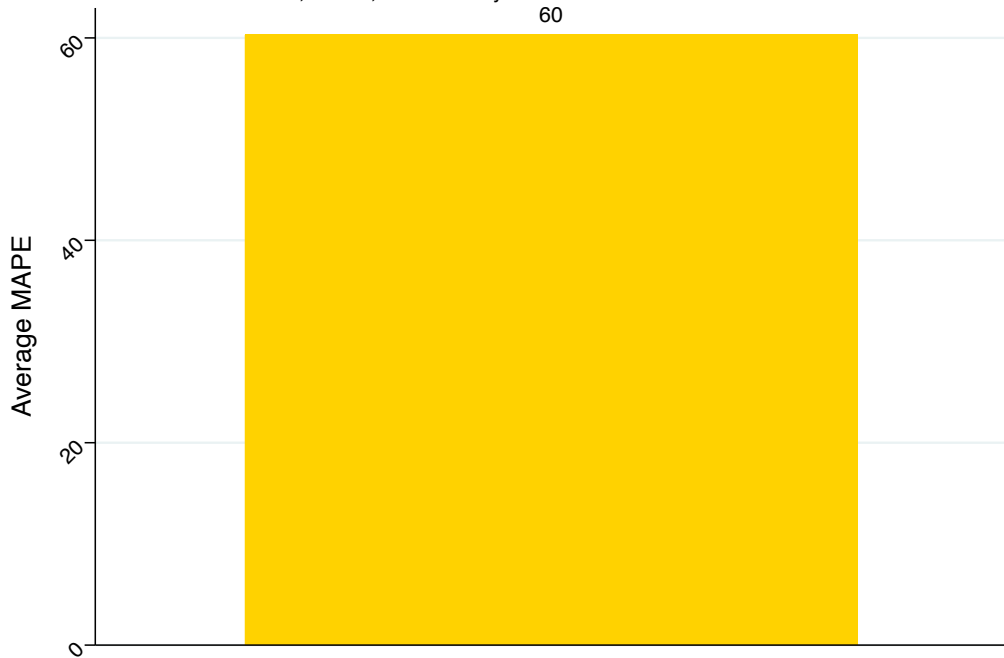
C19 daily deaths average MAPE over updates and calendar months

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

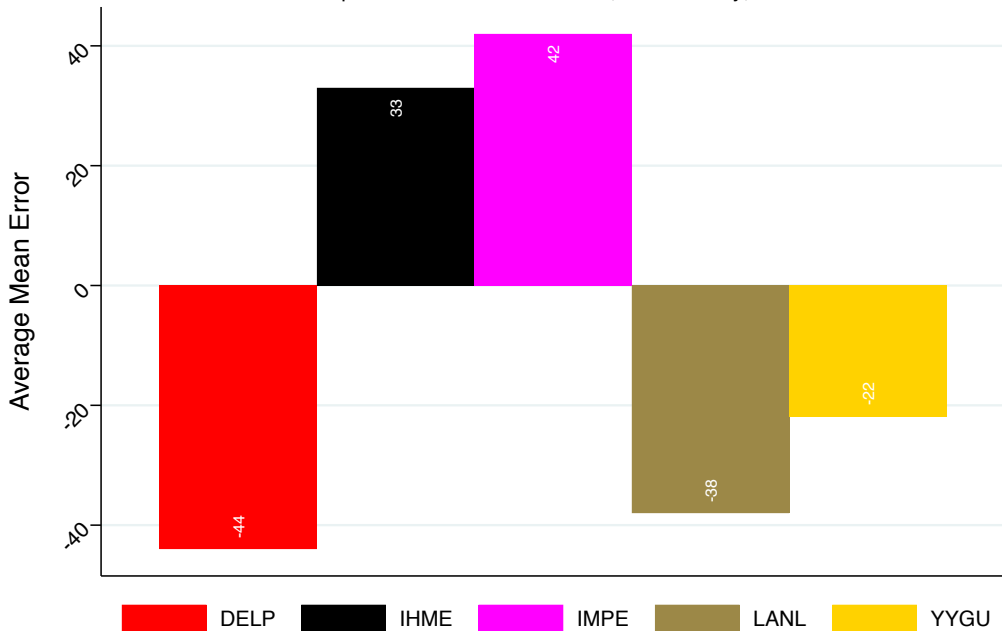


C19 daily deaths average MAPE over updates and calendar months

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

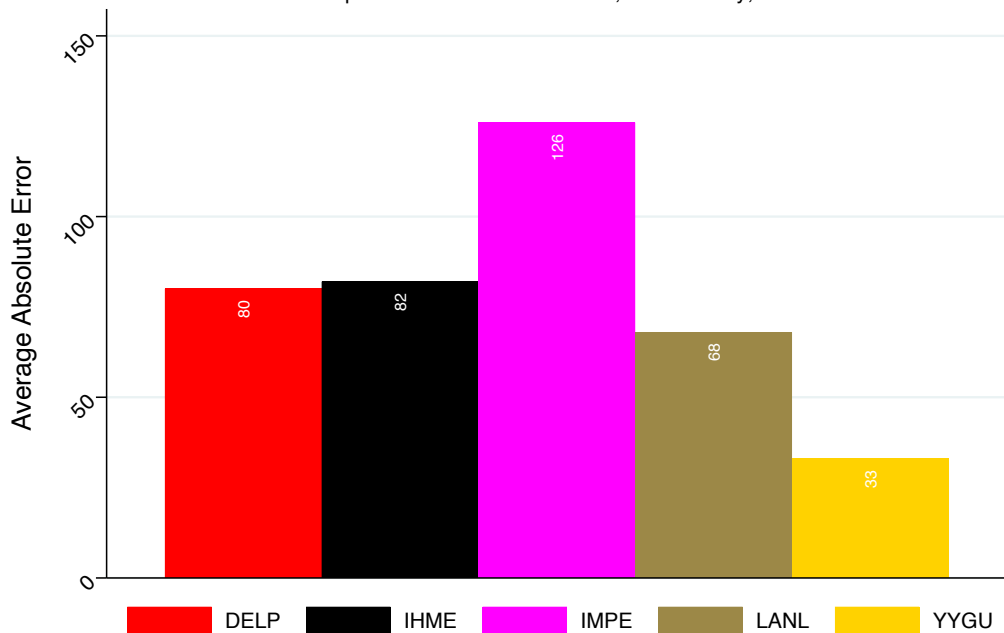


C19 daily deaths average of Mean Error
Over updates and calendar months; forecast only; Ukraine



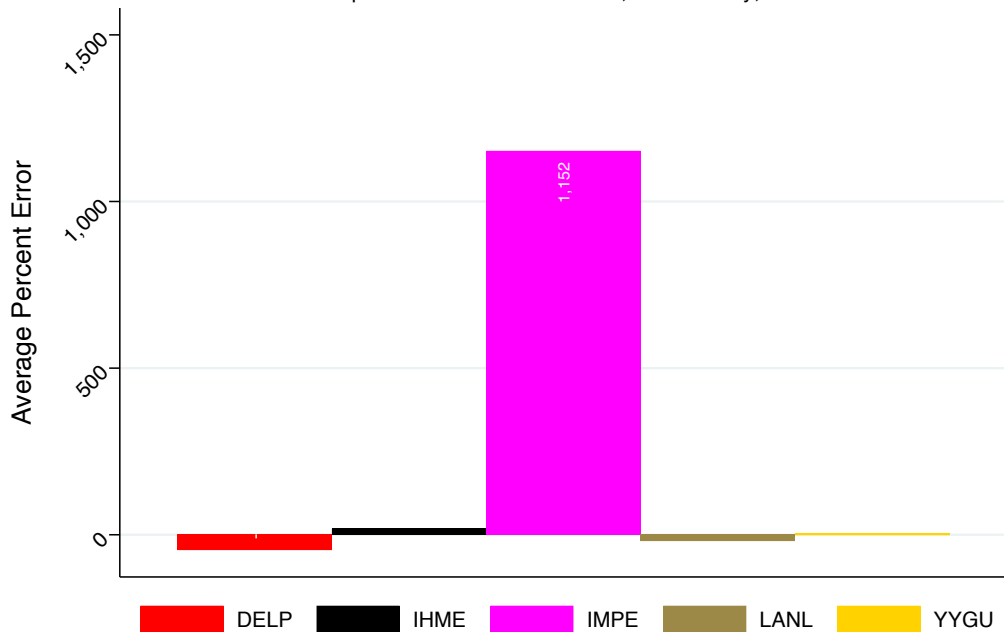
C19 daily deaths average of Absolute Error

Over updates and calendar months; forecast only; Ukraine



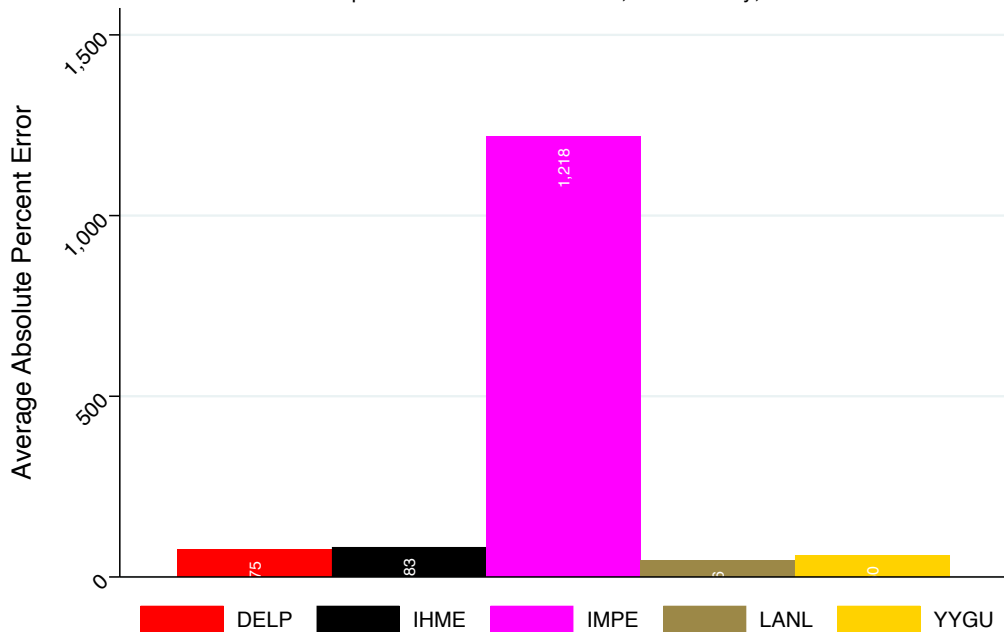
C19 daily deaths average of Percent Error

Over updates and calendar months; forecast only; Ukraine



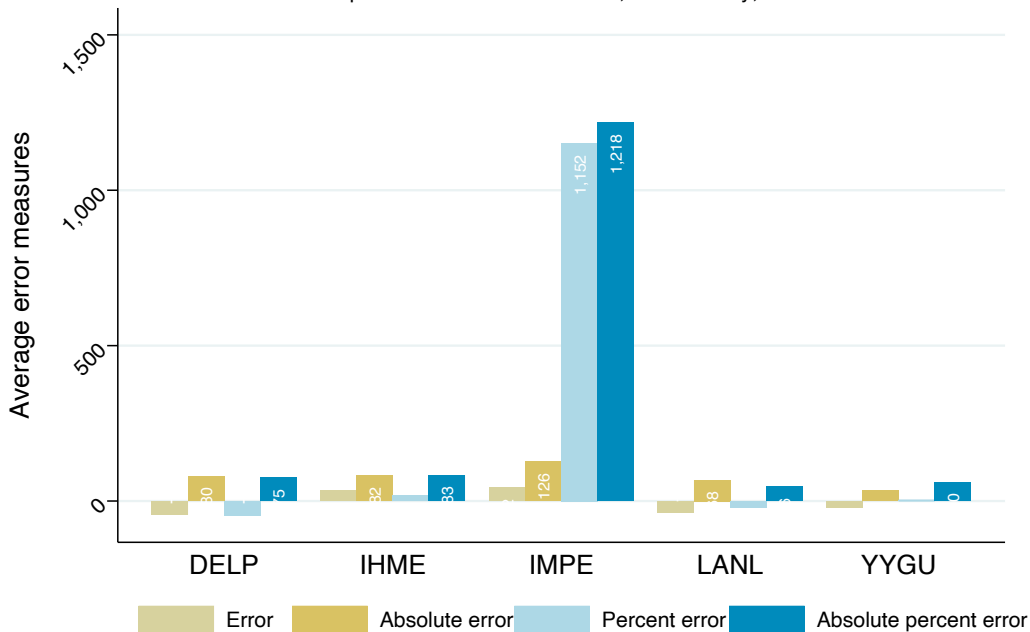
C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Ukraine



C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Ukraine



C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Ukraine

