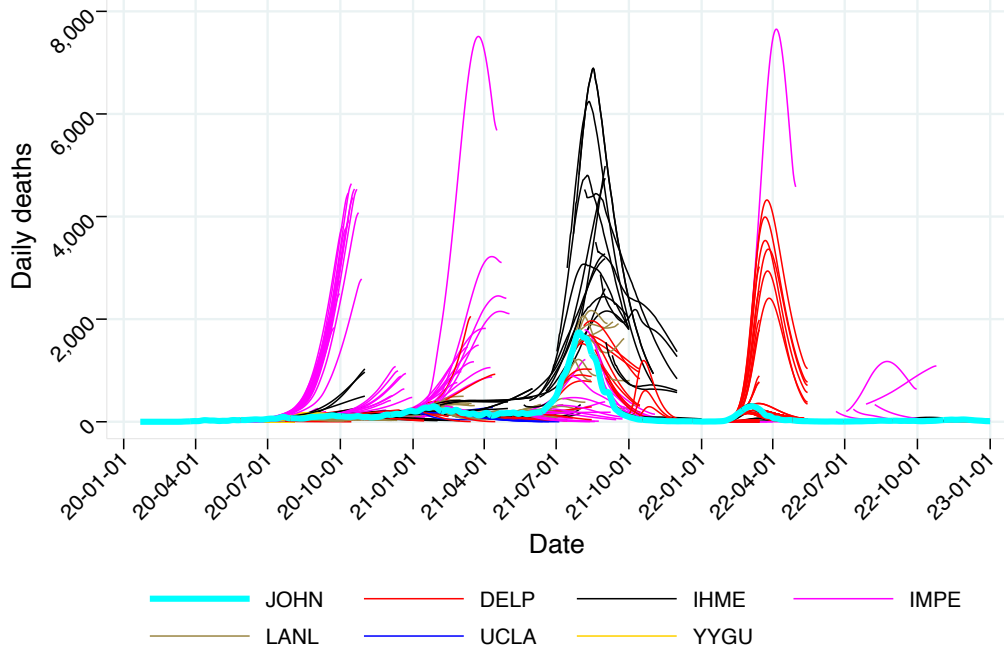
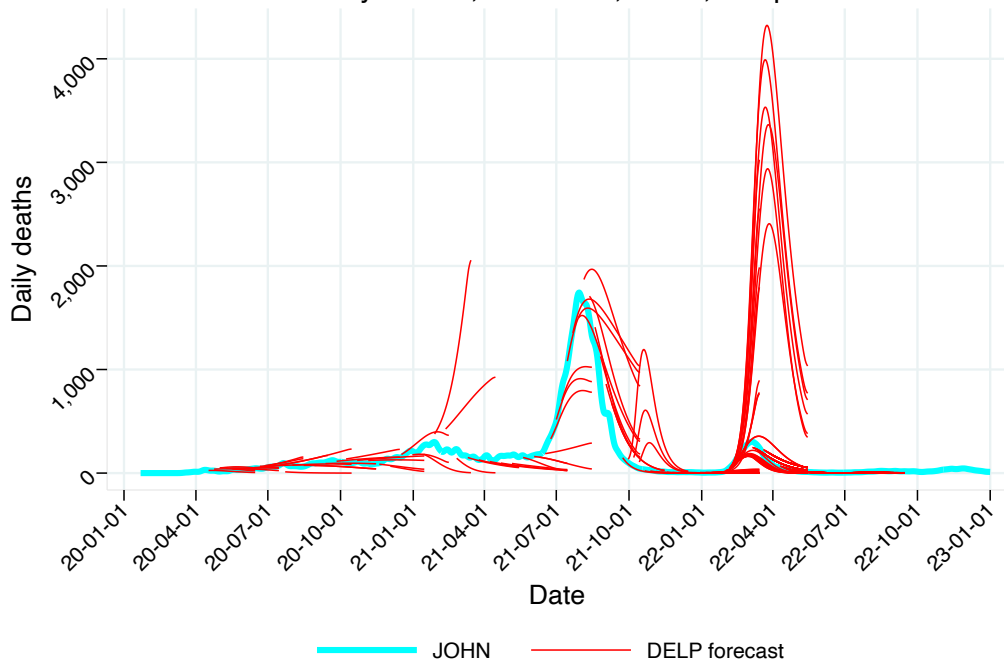


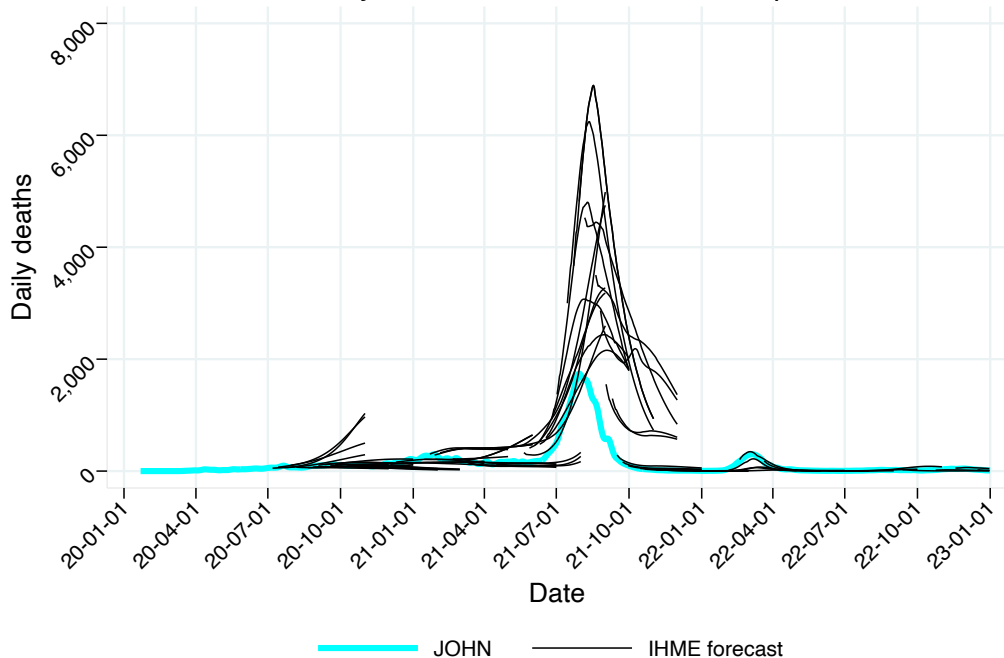
C19 daily deaths, Indonesia, all models, all updates, forecast only



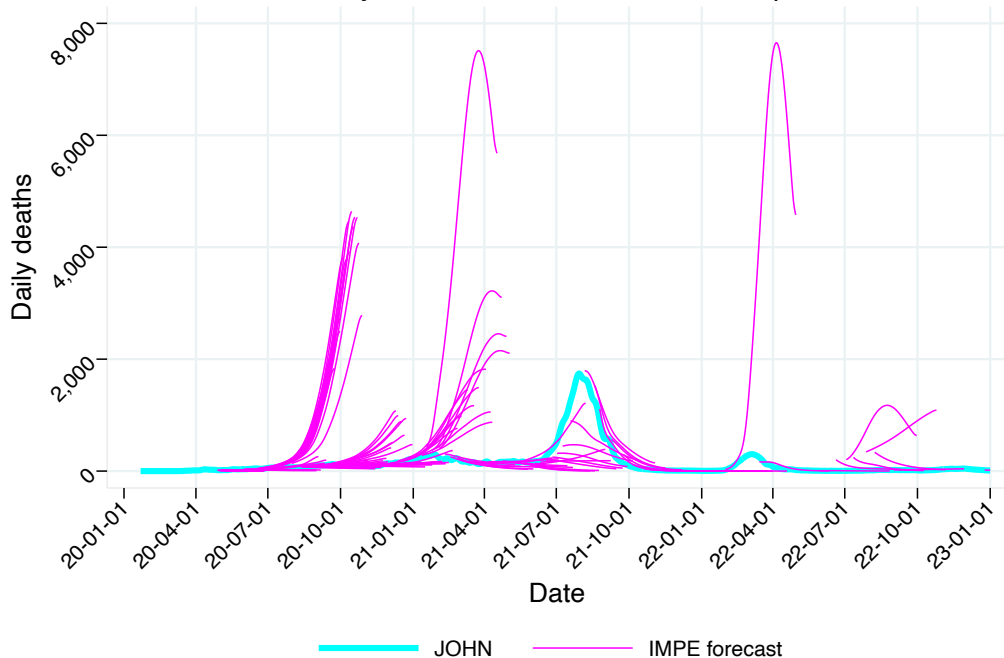
C19 daily deaths, Indonesia, DELP, all updates



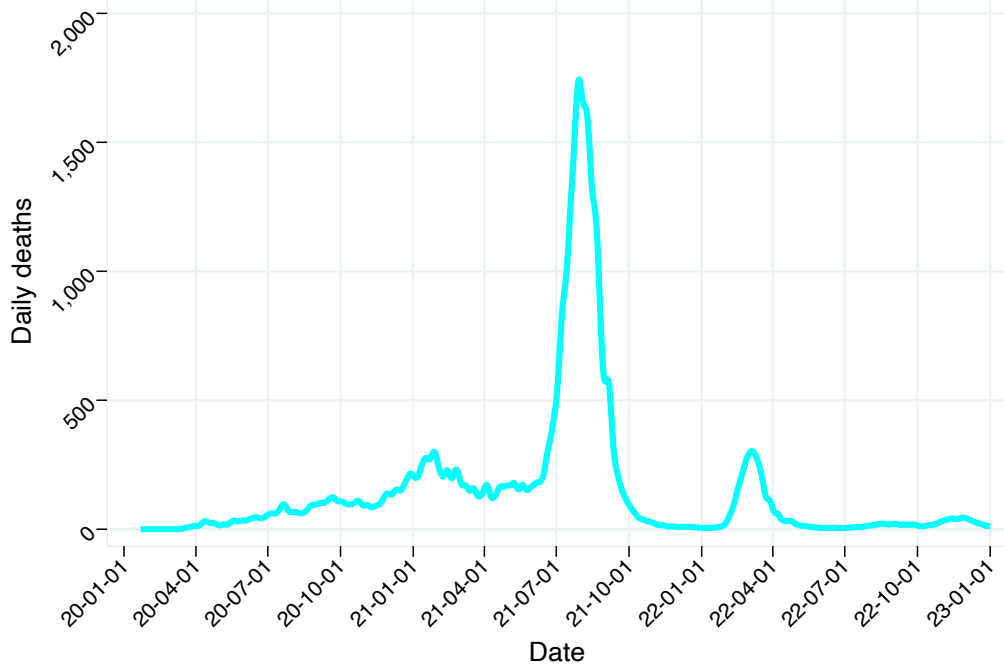
C19 daily deaths, Indonesia, IHME, all updates



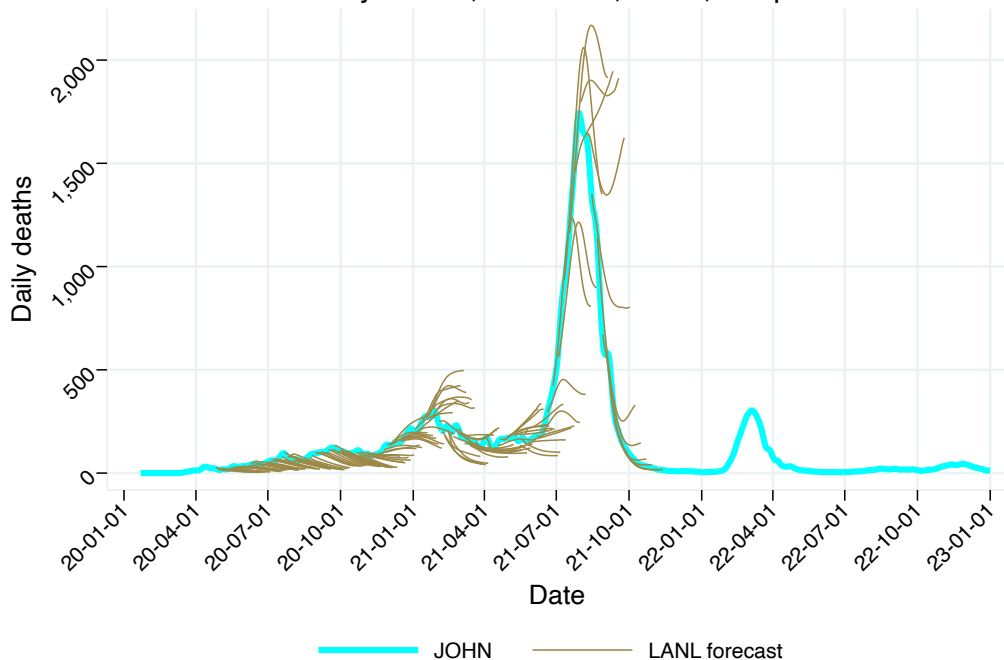
C19 daily deaths, Indonesia, IMPE, all updates



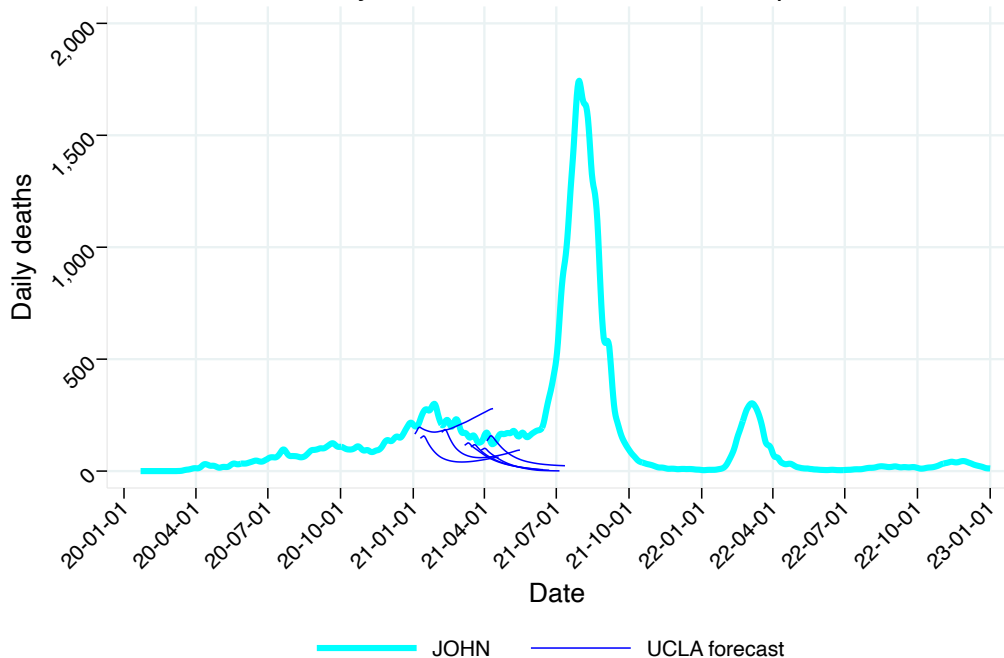
C19 daily deaths, Indonesia, JOHN



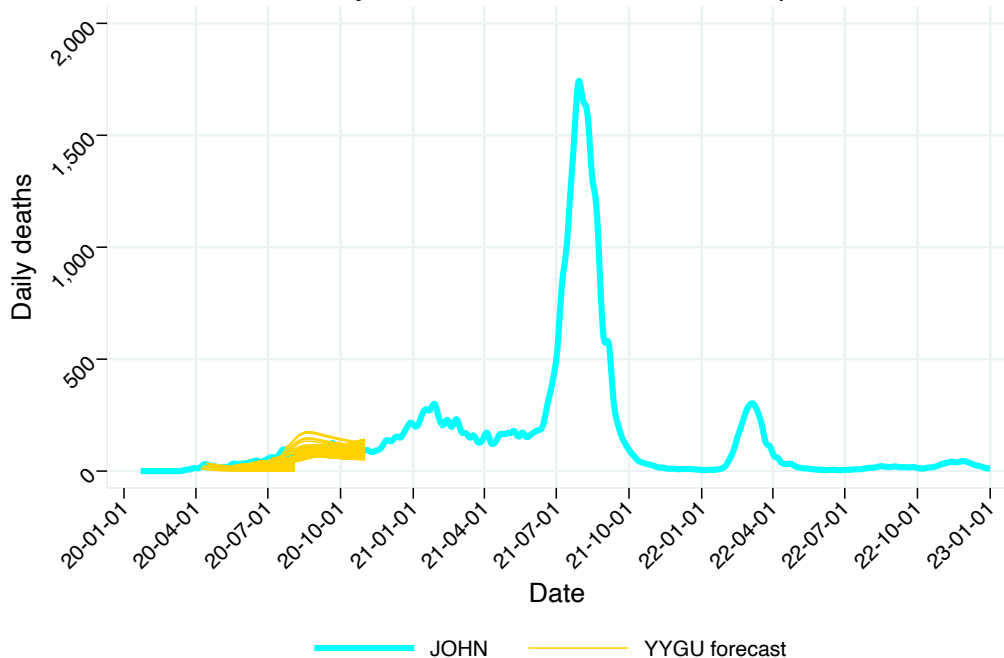
C19 daily deaths, Indonesia, LANL, all updates



C19 daily deaths, Indonesia, UCLA, all updates



C19 daily deaths, Indonesia, YYGU, all updates

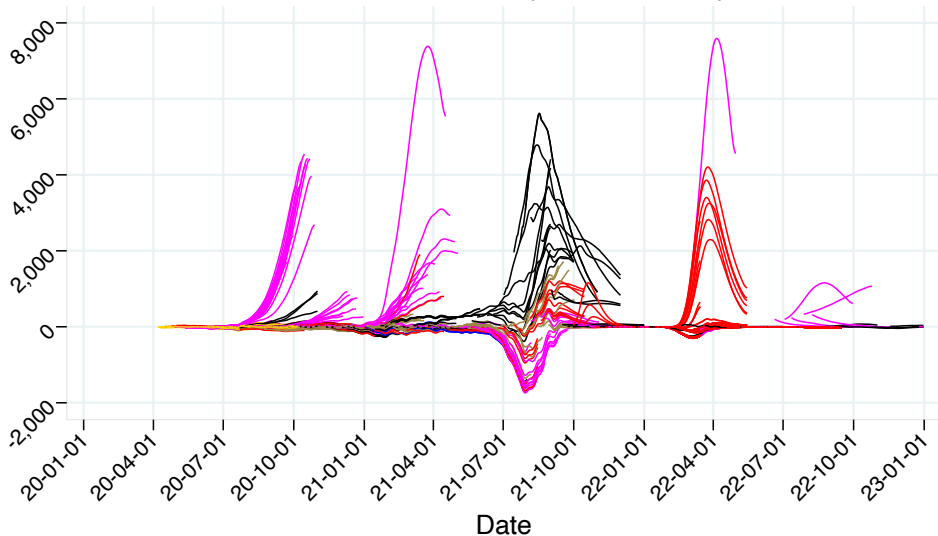




# C19 daily deaths error

Indonesia, all Models, all updates, forecast only

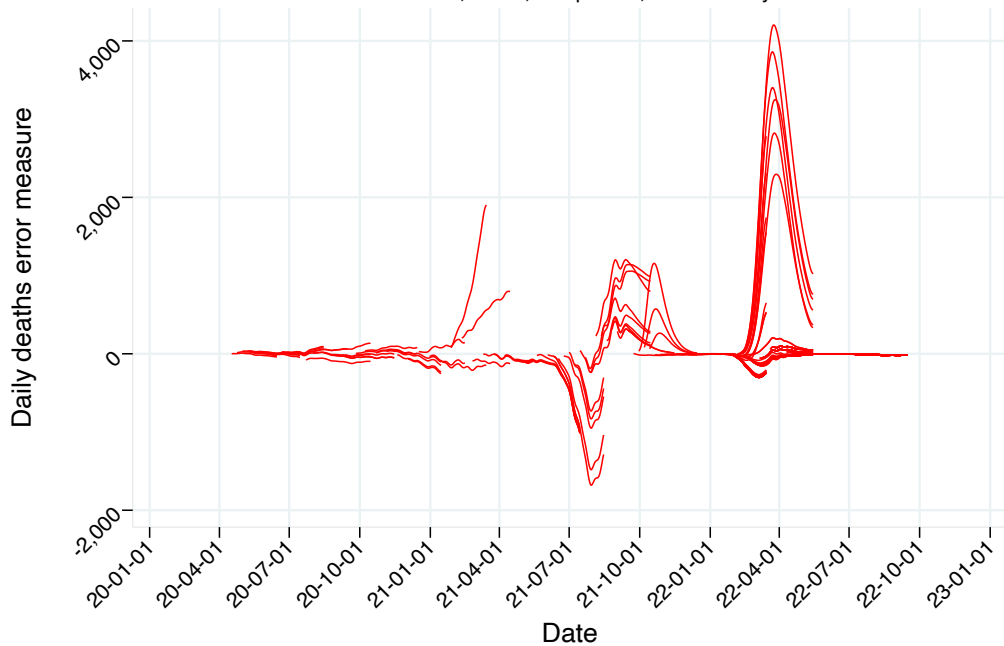
Daily deaths error measure



— Delp — IHME — IMPE  
— LANL — UCLA — YYGU

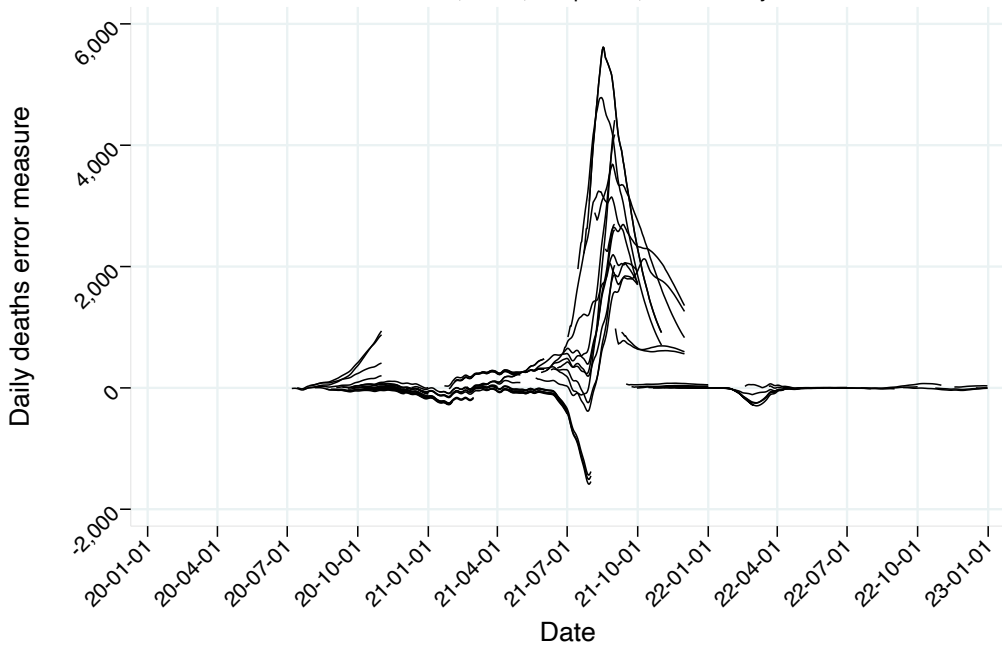
# C19 daily deaths error

Indonesia, DELP, all updates, forecast only



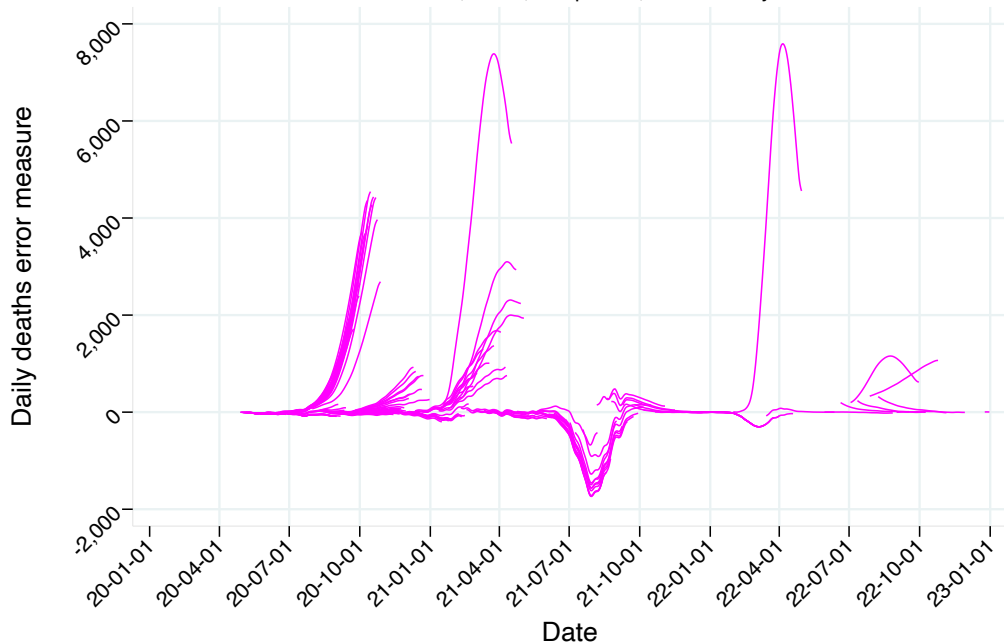
# C19 daily deaths error

Indonesia, IHME, all updates, forecast only



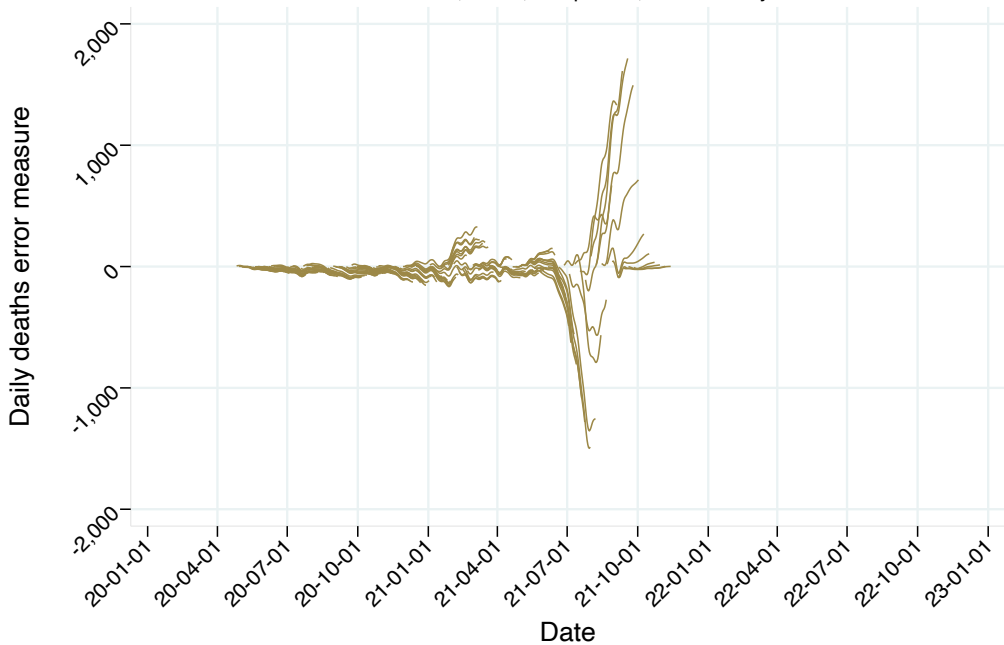
# C19 daily deaths error

Indonesia, IMPE, all updates, forecast only



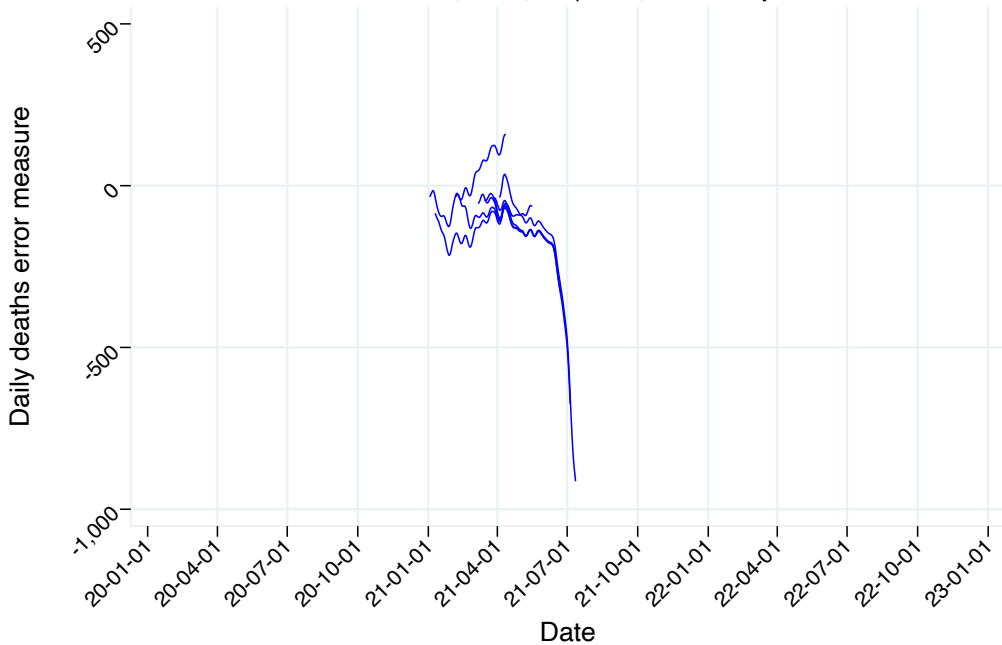
# C19 daily deaths error

Indonesia, LANL, all updates, forecast only



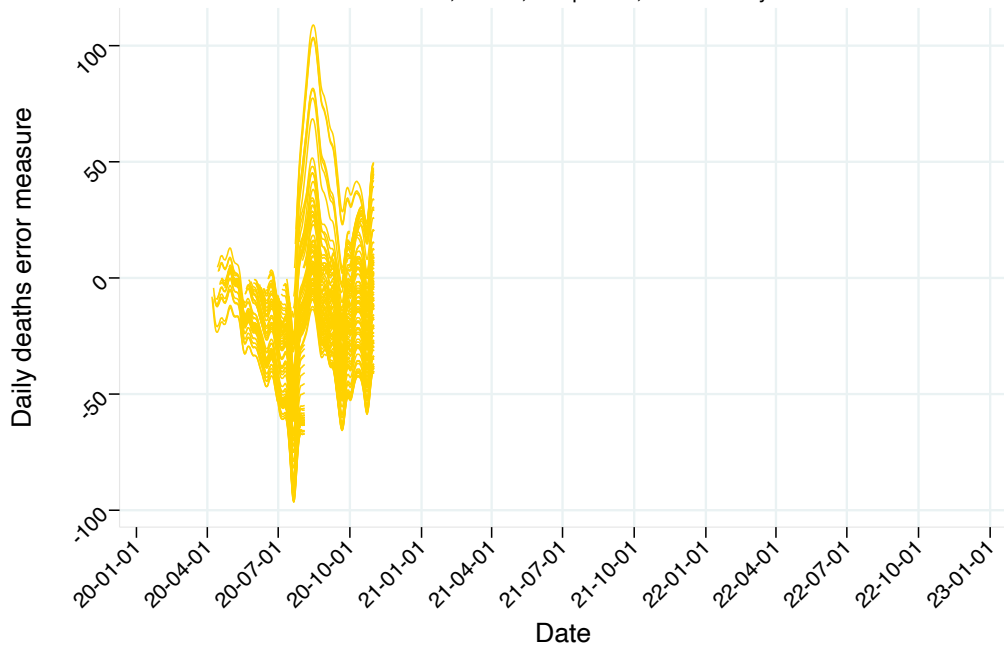
# C19 daily deaths error

Indonesia, UCLA, all updates, forecast only



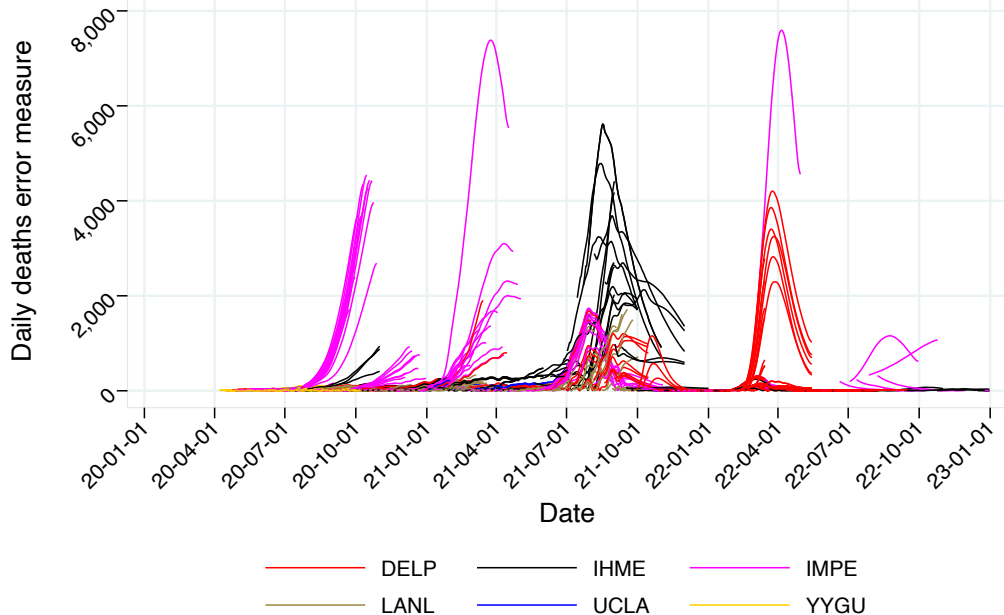
# C19 daily deaths error

Indonesia, YYGU, all updates, forecast only



# C19 daily deaths absolute error

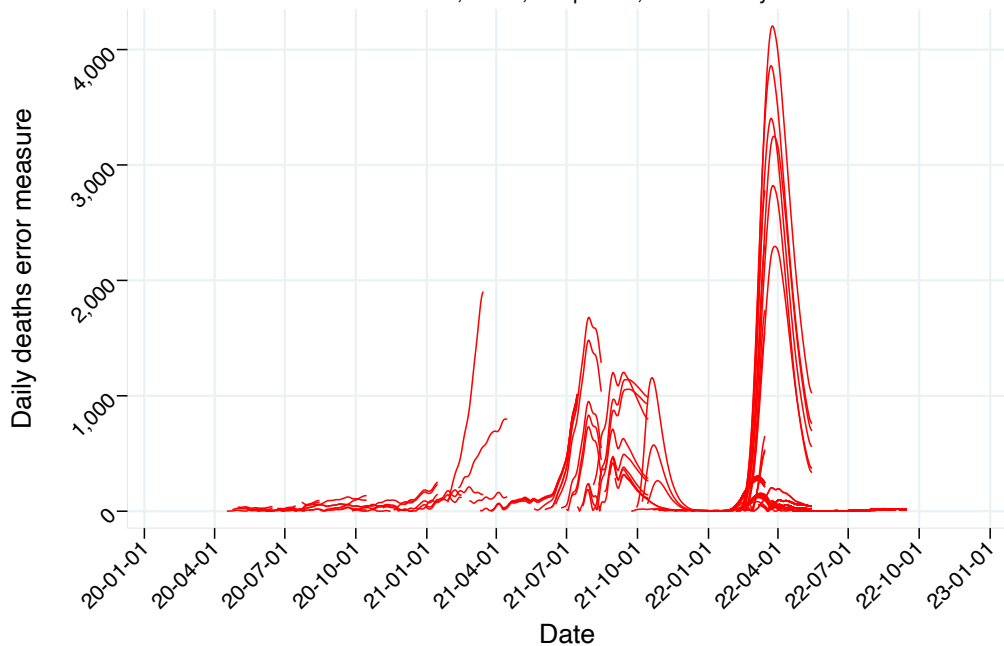
Indonesia, all Models, all updates, forecast only





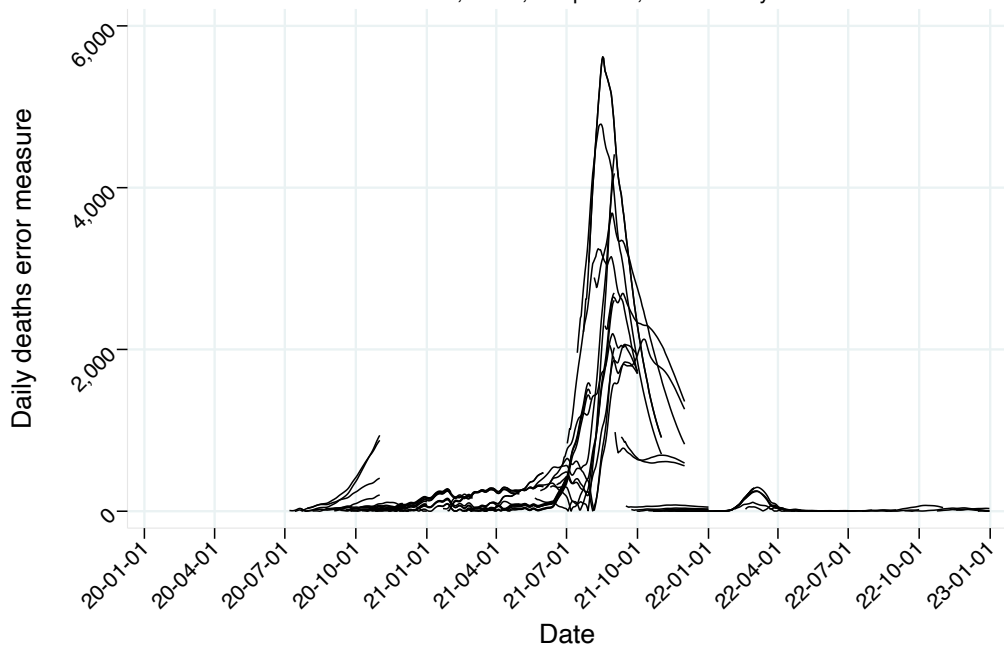
# C19 daily deaths absolute error

Indonesia, DELP, all updates, forecast only



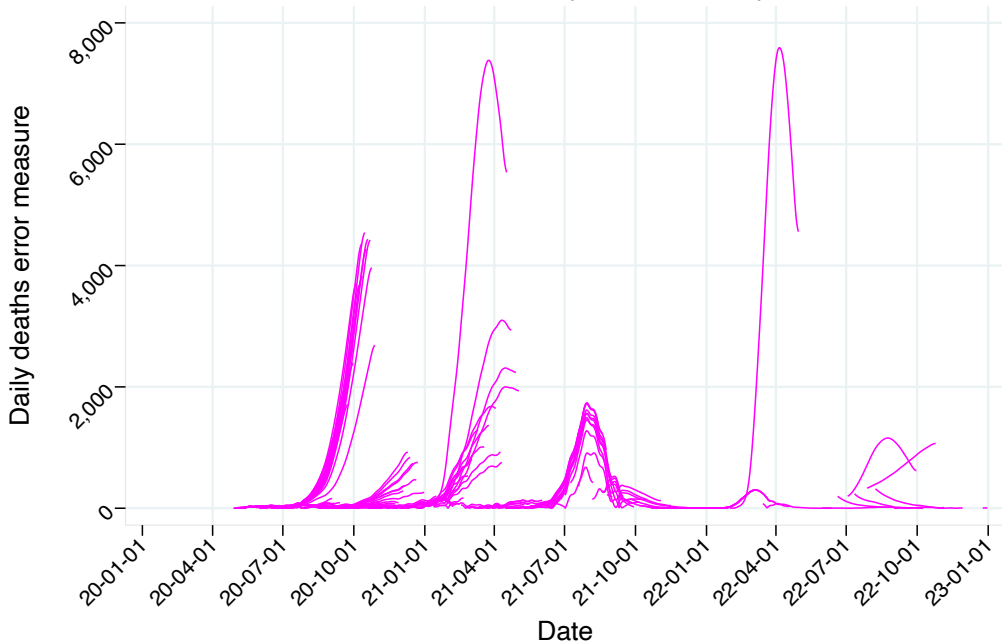
# C19 daily deaths absolute error

Indonesia, IHME, all updates, forecast only



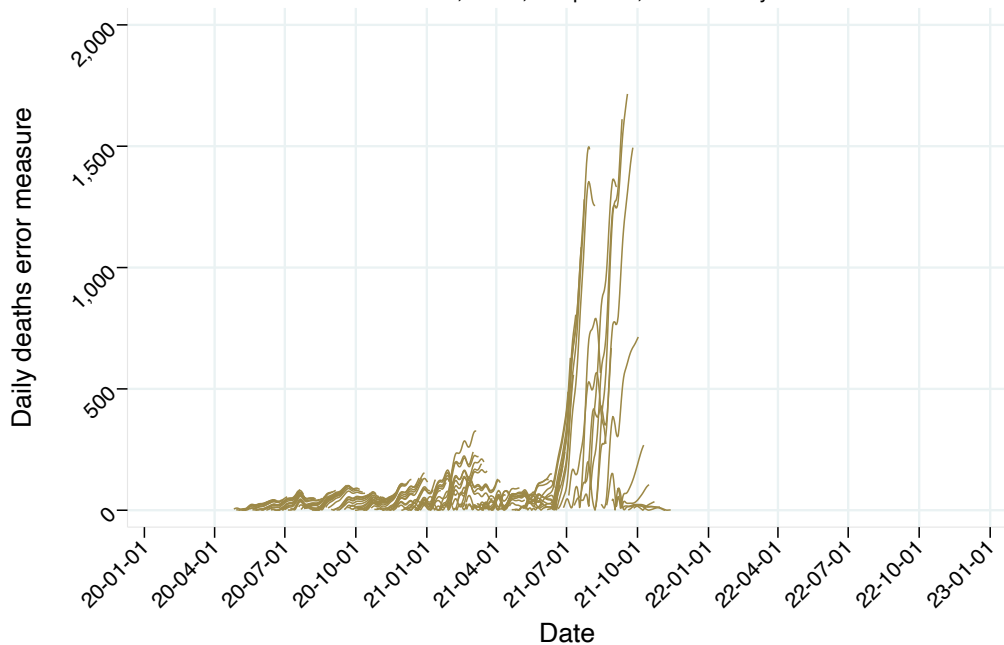
# C19 daily deaths absolute error

Indonesia, IMPE, all updates, forecast only



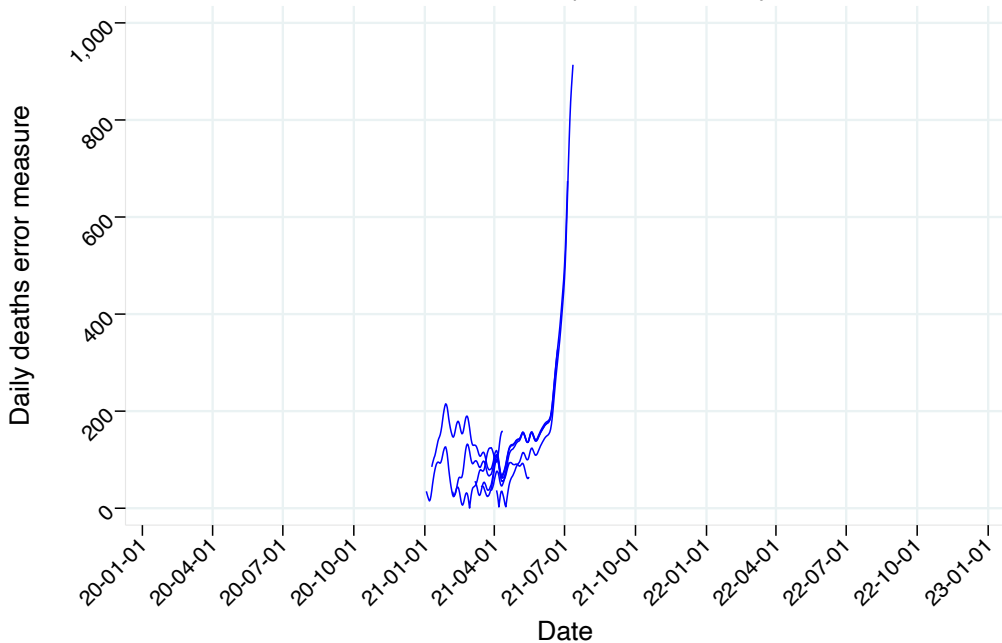
# C19 daily deaths absolute error

Indonesia, LANL, all updates, forecast only



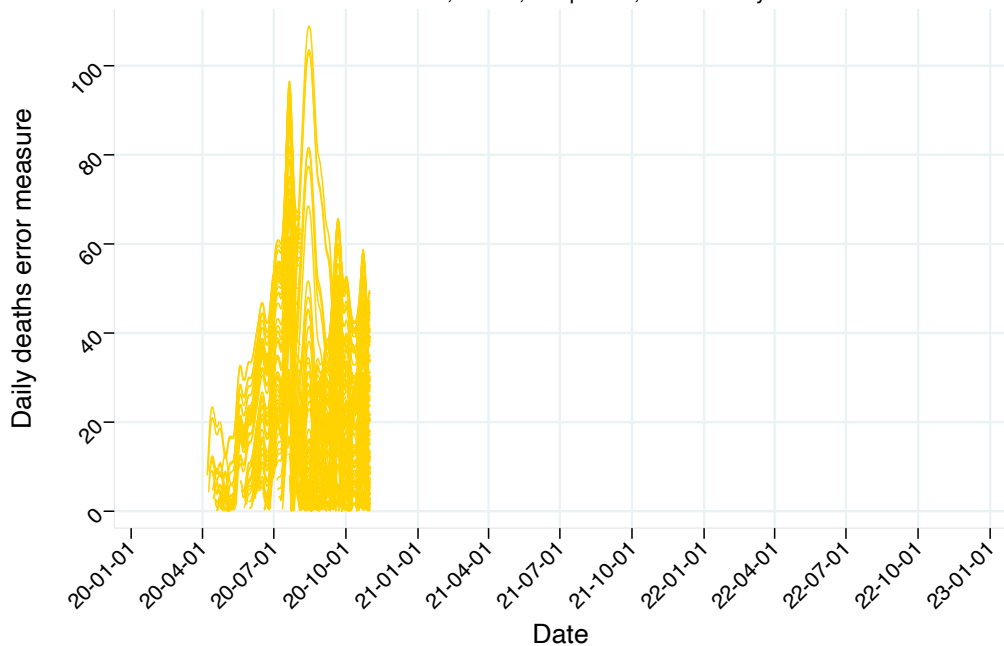
# C19 daily deaths absolute error

Indonesia, UCLA, all updates, forecast only



# C19 daily deaths absolute error

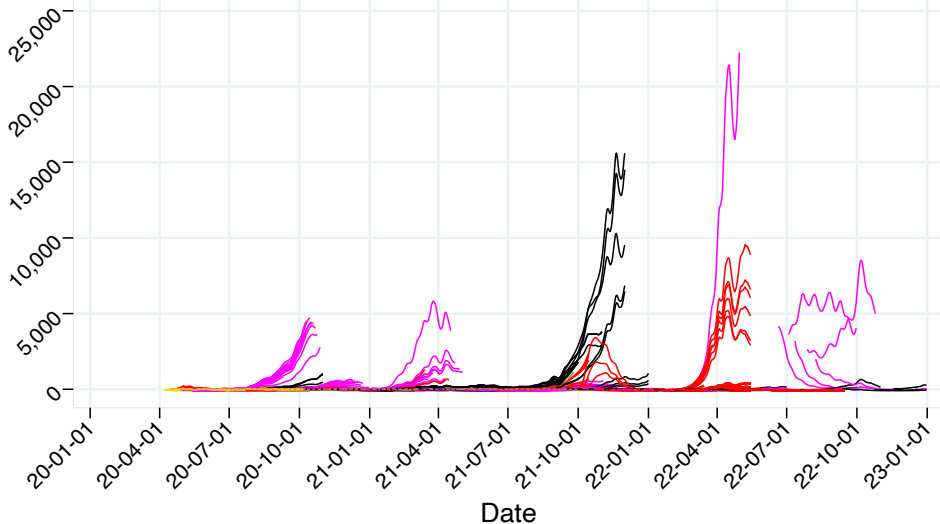
Indonesia, YYGU, all updates, forecast only



# C19 daily deaths percent error

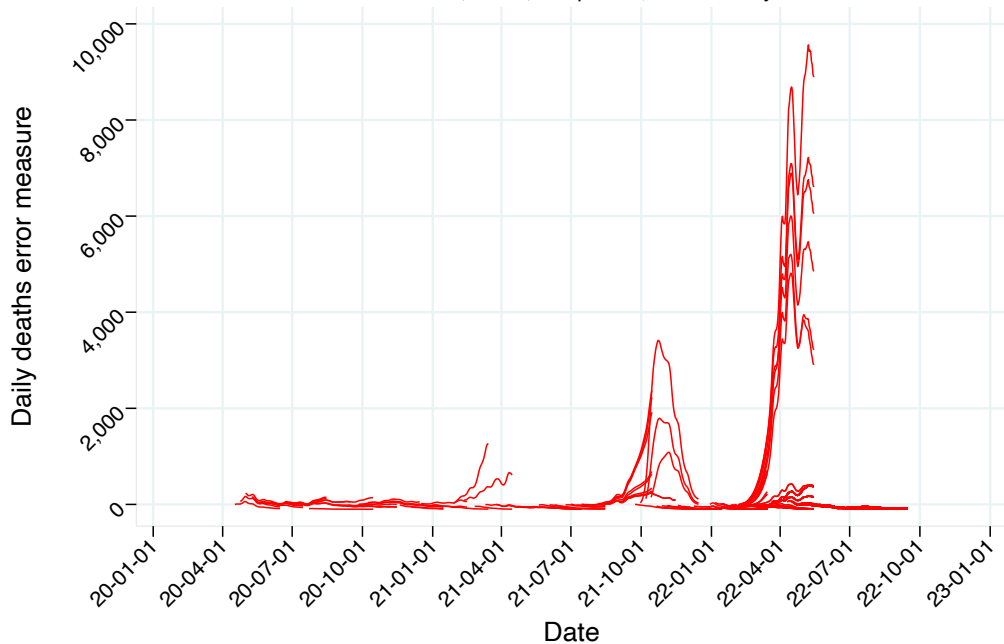
Indonesia, all Models, all updates, forecast only

Daily deaths error measure



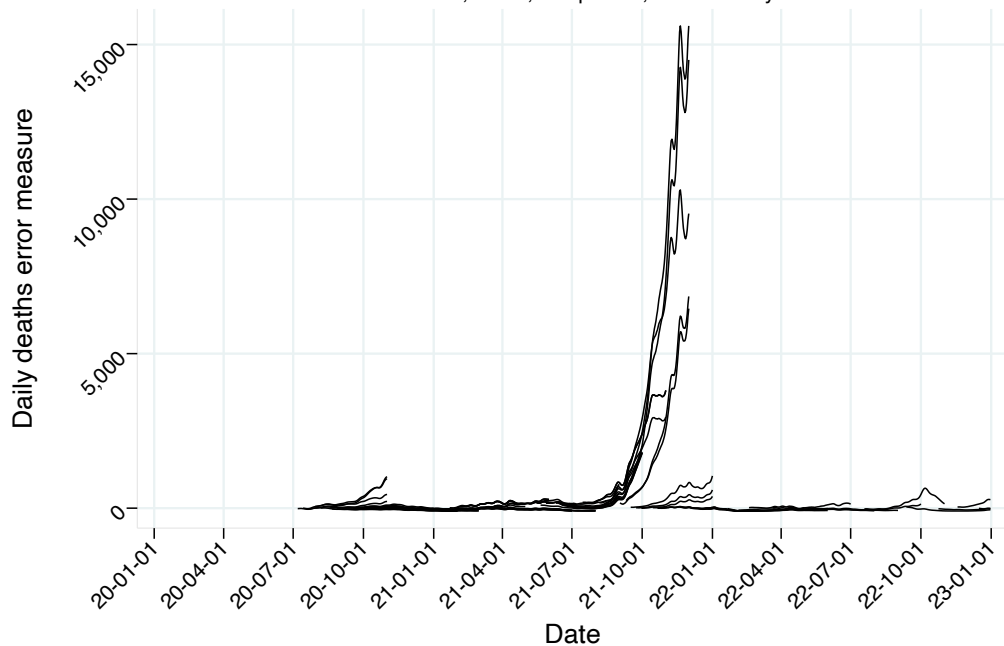
— Delp — IHME — IMPE  
— LANL — UCLA — YYGU

C19 daily deaths percent error  
Indonesia, DELP, all updates, forecast only

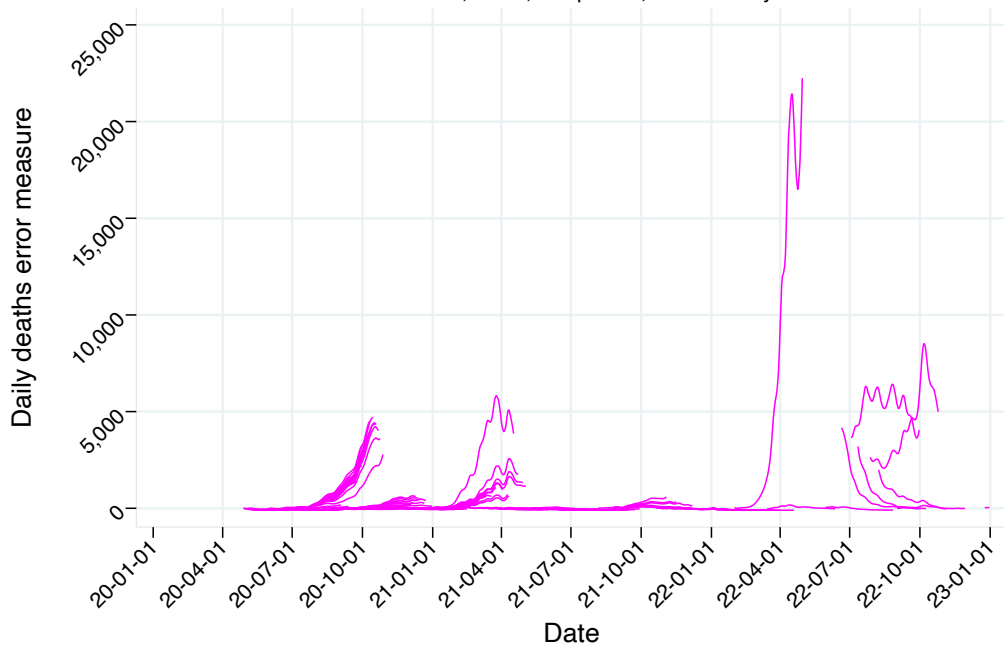




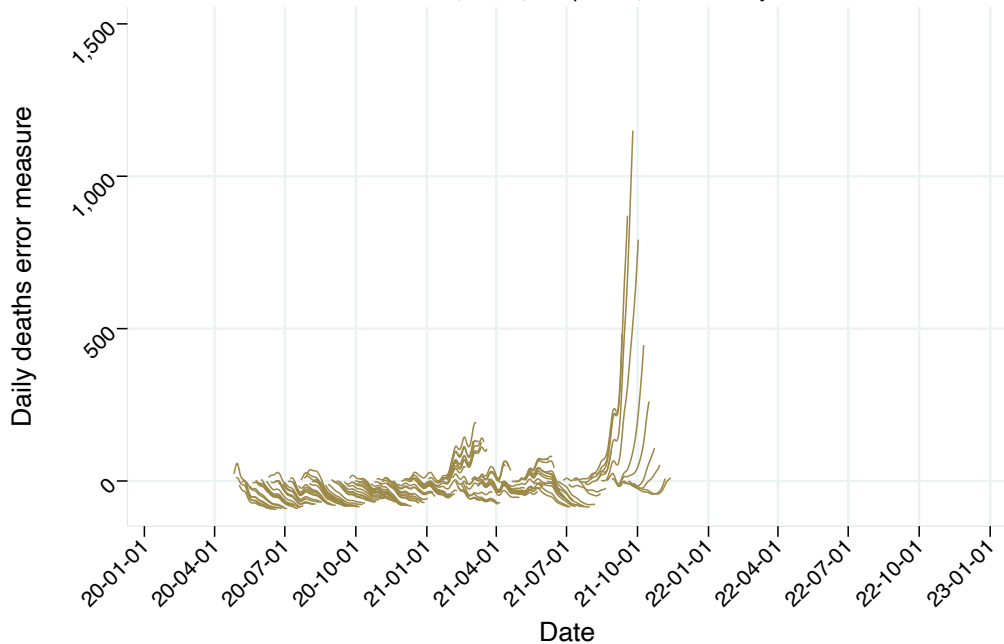
C19 daily deaths percent error  
Indonesia, IHME, all updates, forecast only



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

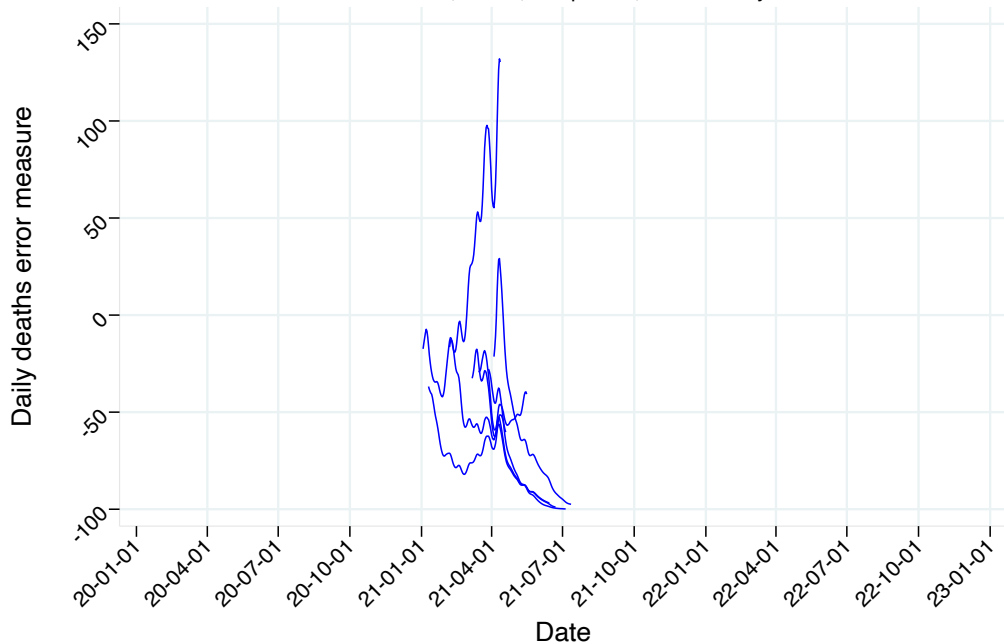


C19 daily deaths percent error  
Indonesia, LANL, all updates, forecast only



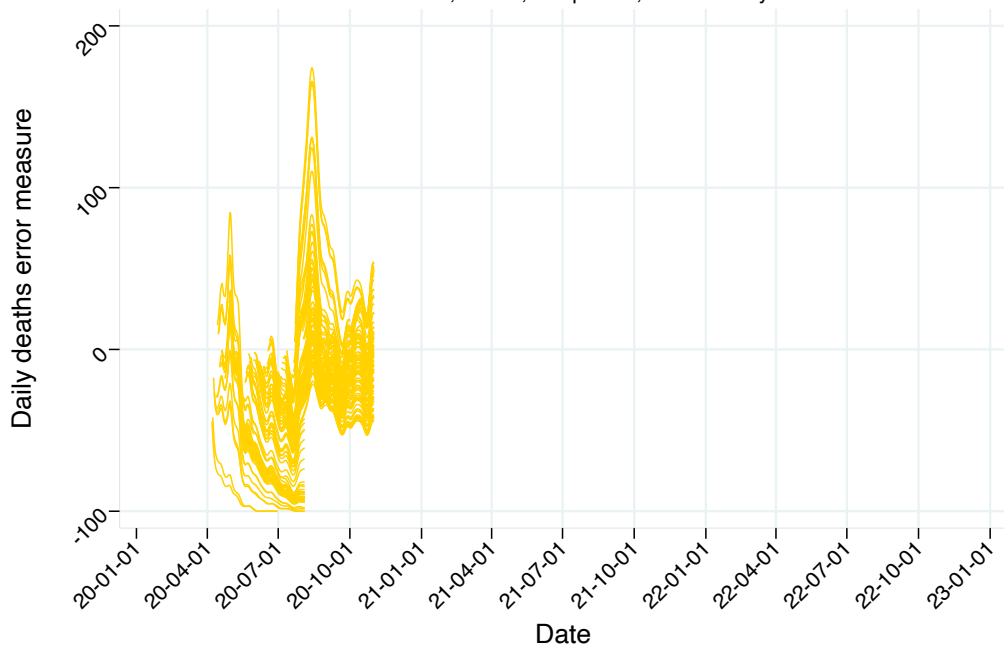
# C19 daily deaths percent error

Indonesia, UCLA, all updates, forecast only



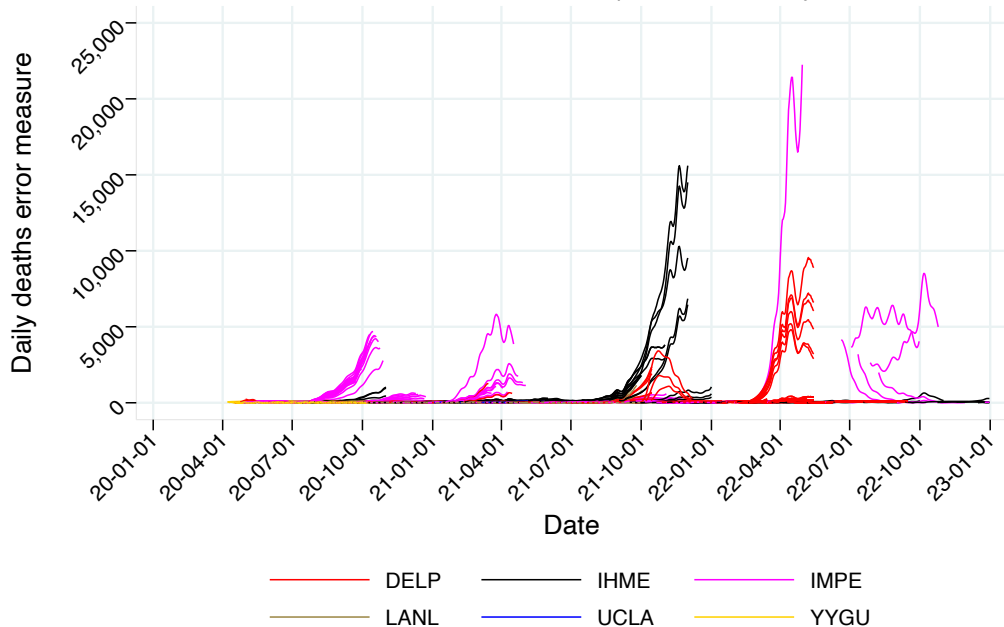
# C19 daily deaths percent error

Indonesia, YYGU, all updates, forecast only



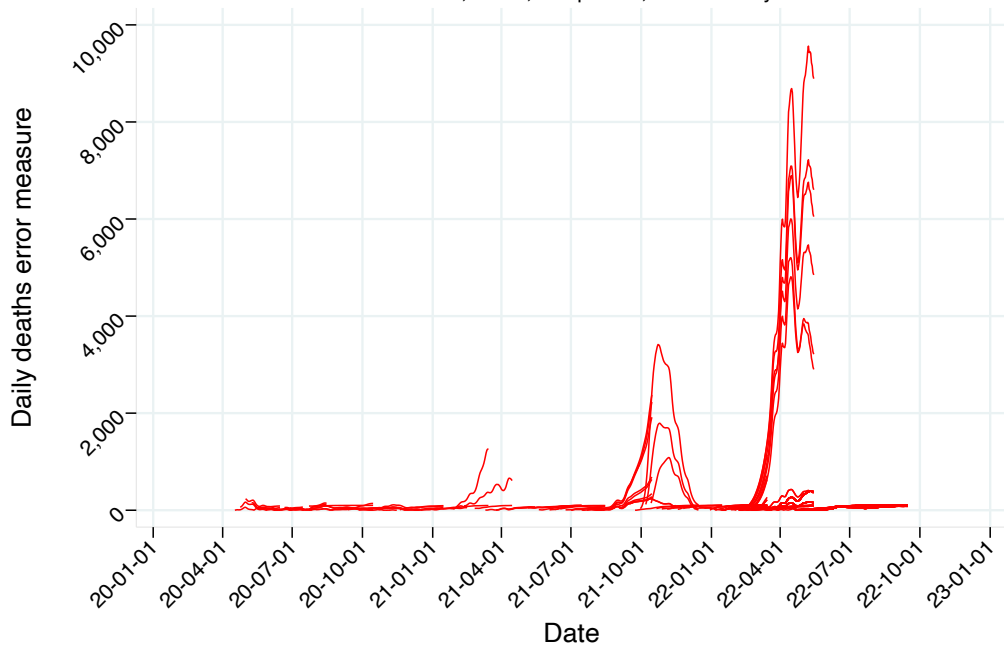
# C19 daily deaths absolute percent error

Indonesia, ALL MODELS, all updates, forecast only



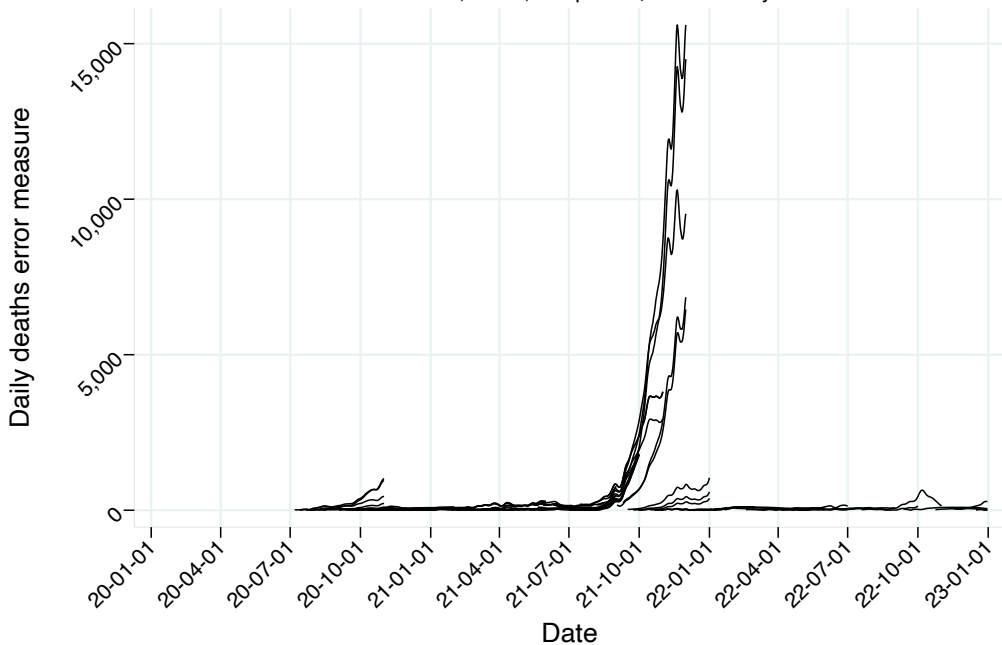
# C19 daily deaths absolute percent error

Indonesia, DELP, all updates, forecast only



# C19 daily deaths absolute percent error

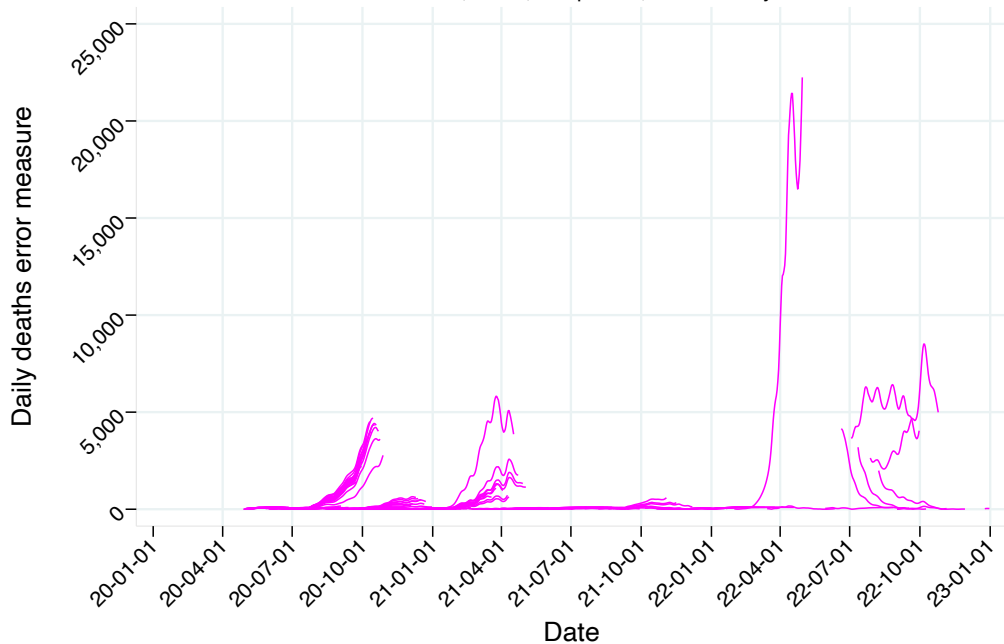
Indonesia, IHME, all updates, forecast only





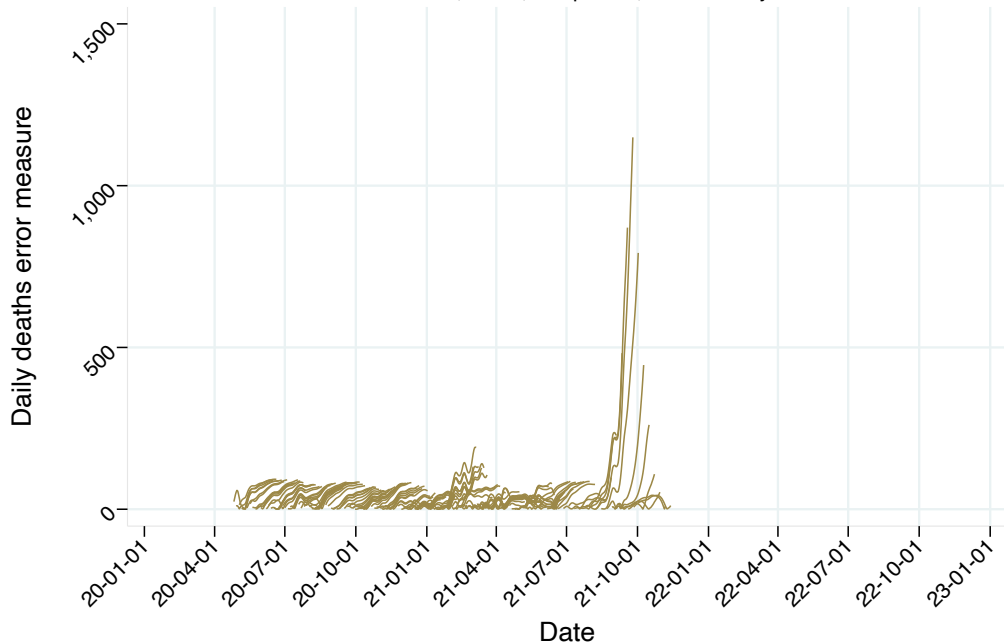
# C19 daily deaths absolute percent error

Indonesia, IMPE, all updates, forecast only



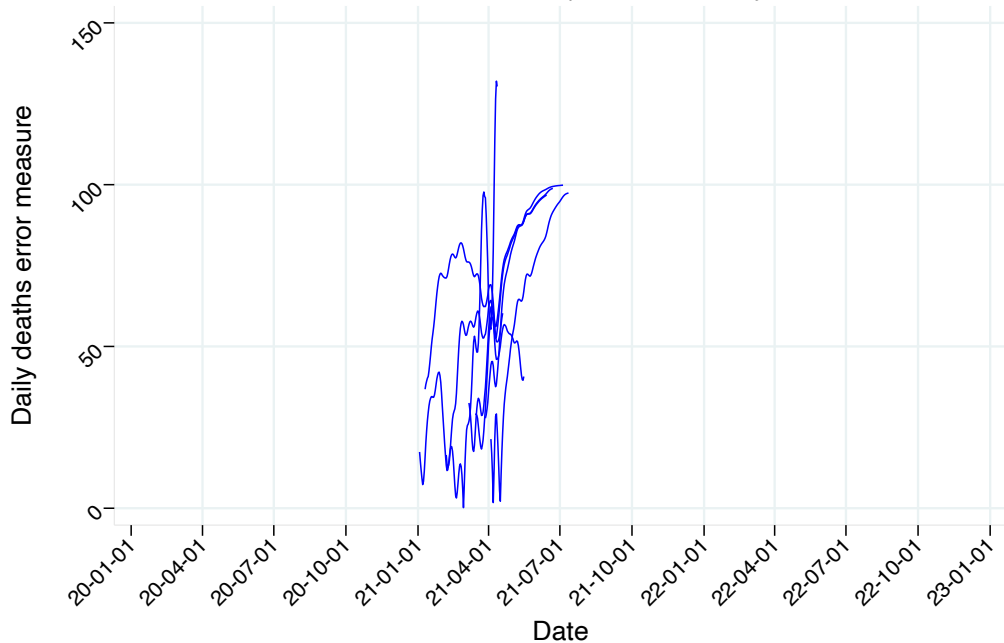
# C19 daily deaths absolute percent error

Indonesia, LANL, all updates, forecast only



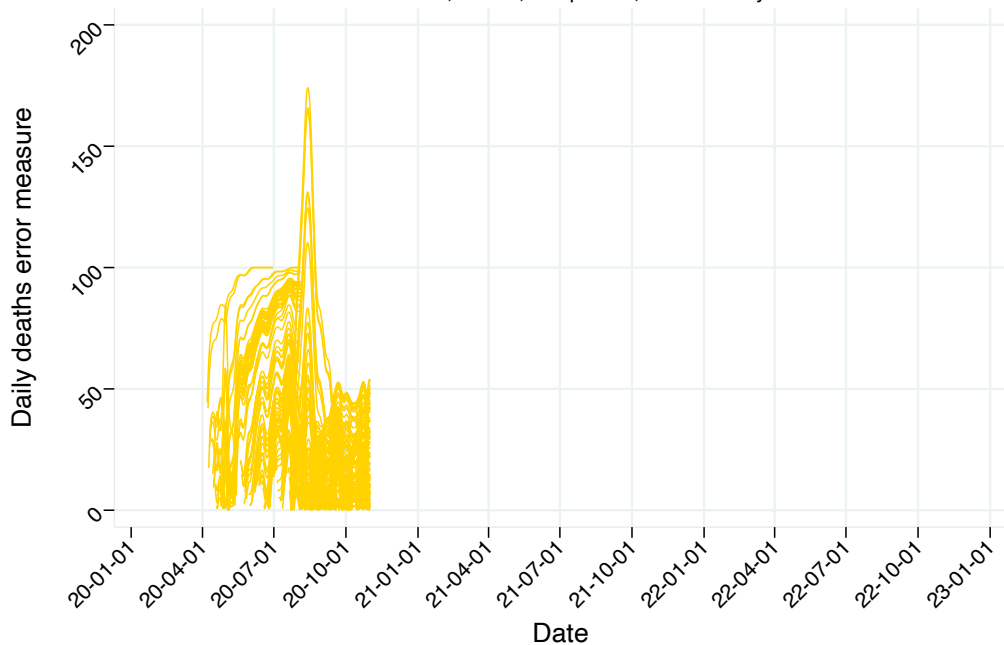
# C19 daily deaths absolute percent error

Indonesia, UCLA, all updates, forecast only



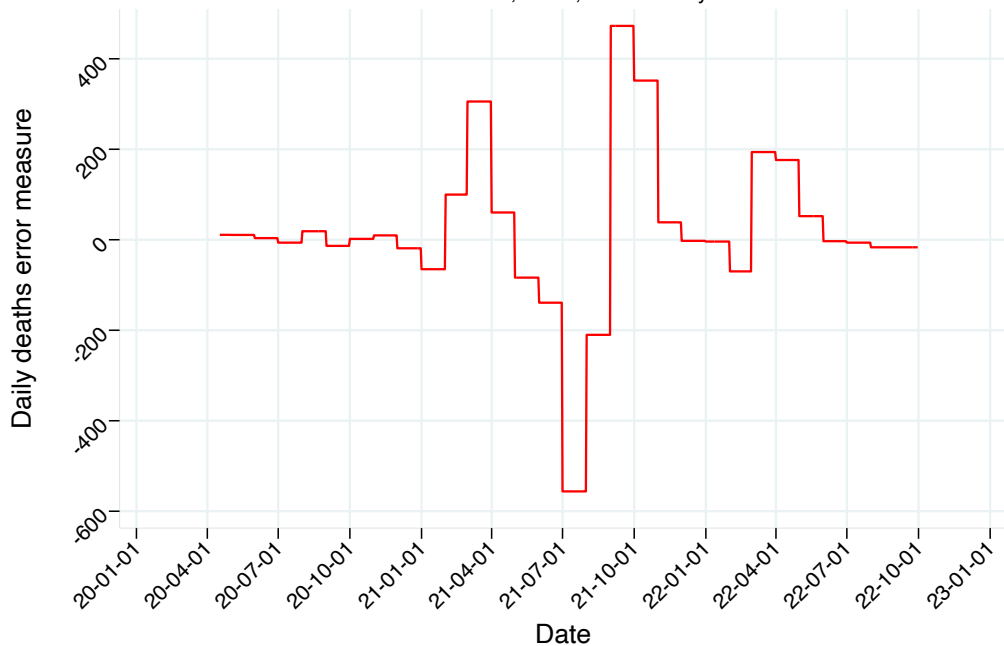
# C19 daily deaths absolute percent error

Indonesia, YYGU, all updates, forecast only



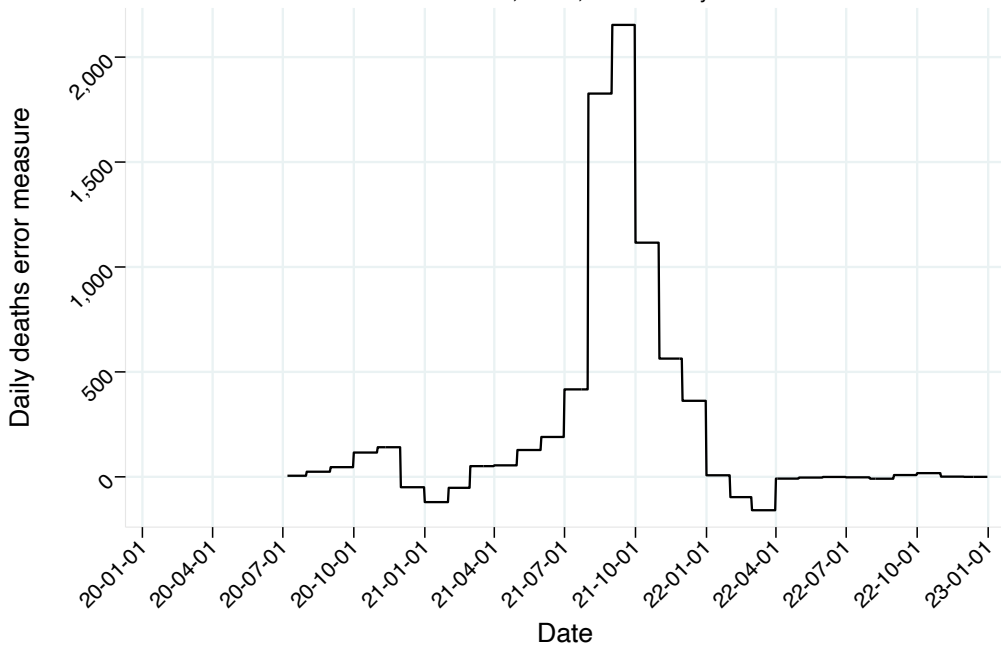
# C19 daily deaths, average median error

Indonesia, DELP, forecast only



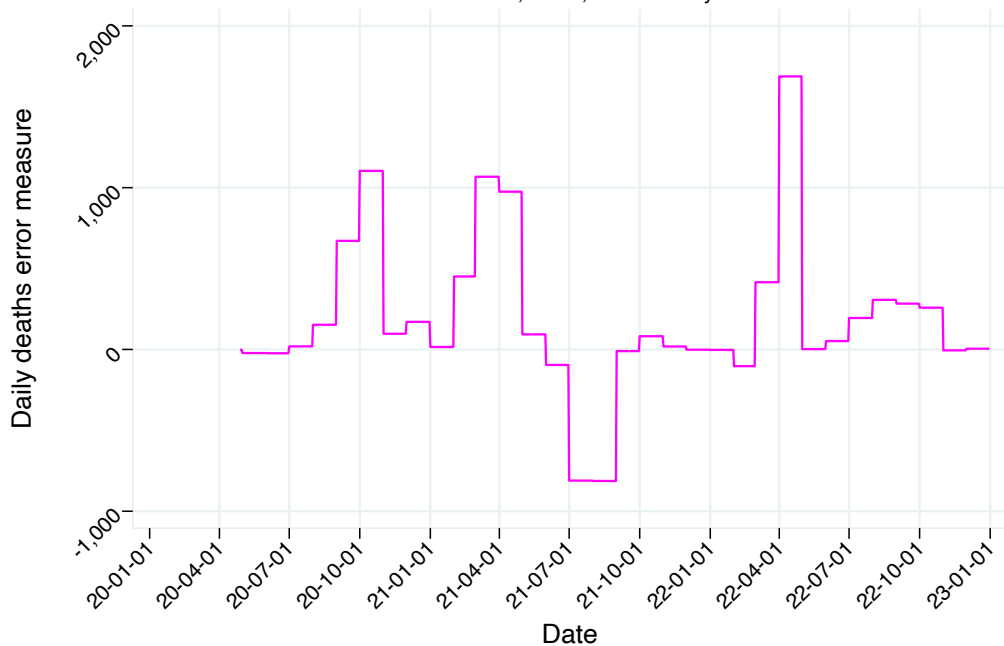
# C19 daily deaths, average median error

Indonesia, IHME, forecast only



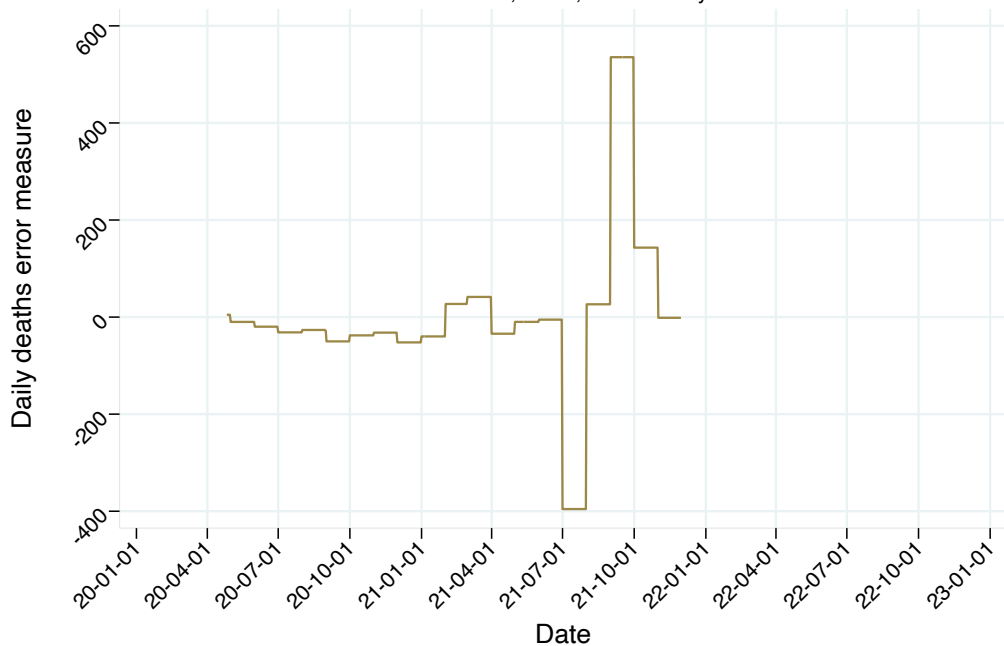
# C19 daily deaths, average median error

Indonesia, IMPE, forecast only



# C19 daily deaths, average median error

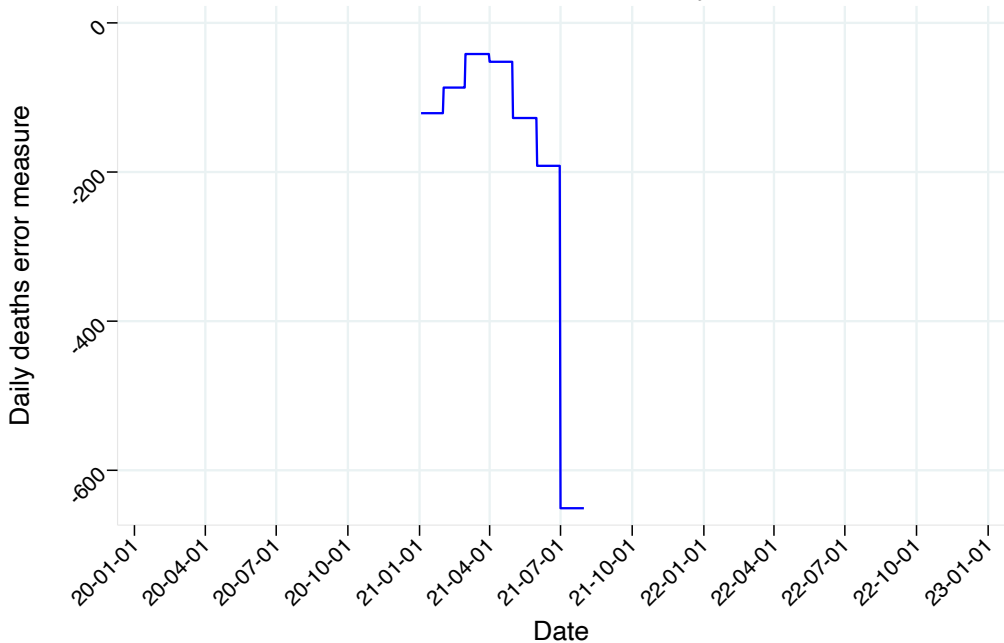
Indonesia, LANL, forecast only





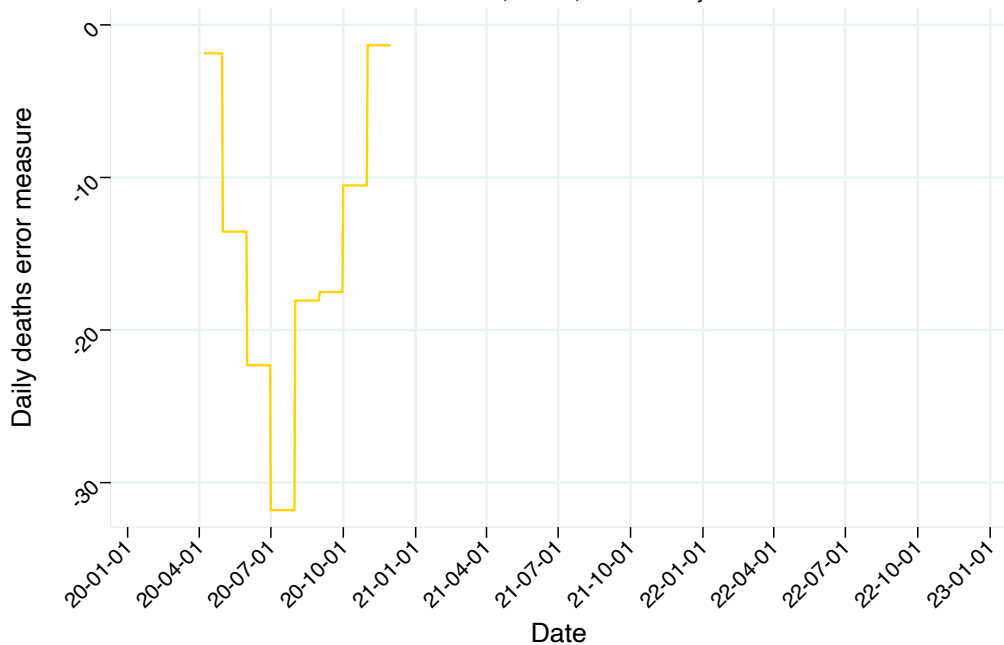
# C19 daily deaths, average median error

Indonesia, UCLA, forecast only



# C19 daily deaths, average median error

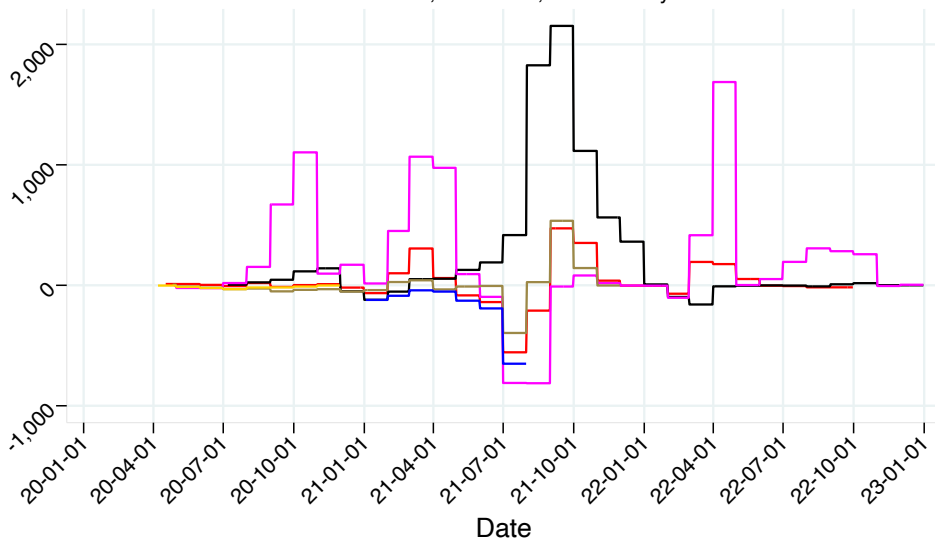
Indonesia, YYGU, forecast only



# C19 daily deaths, average median error

Indonesia, all Models, forecast only

Daily deaths error measure



DELP

IHME

IMPE

LANL

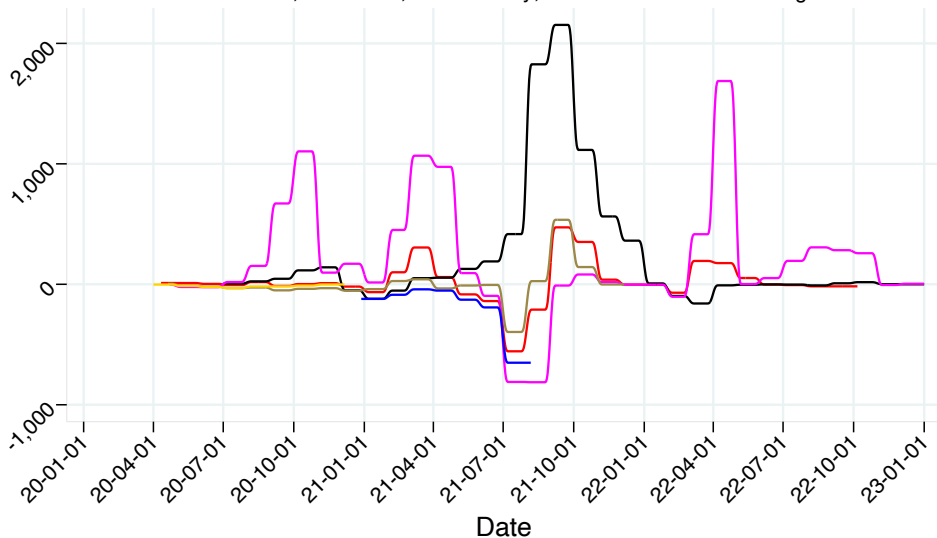
UCLA

YYGU

# C19 daily deaths, average median error

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

Daily deaths error measure



DELP

IHME

IMPE

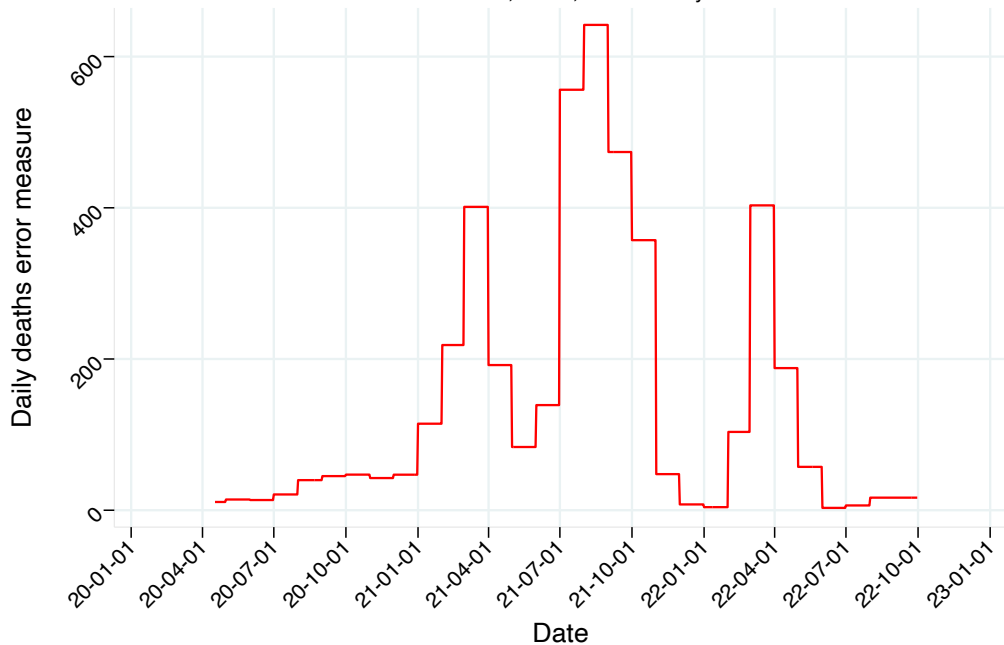
LANL

UCLA

YYGU

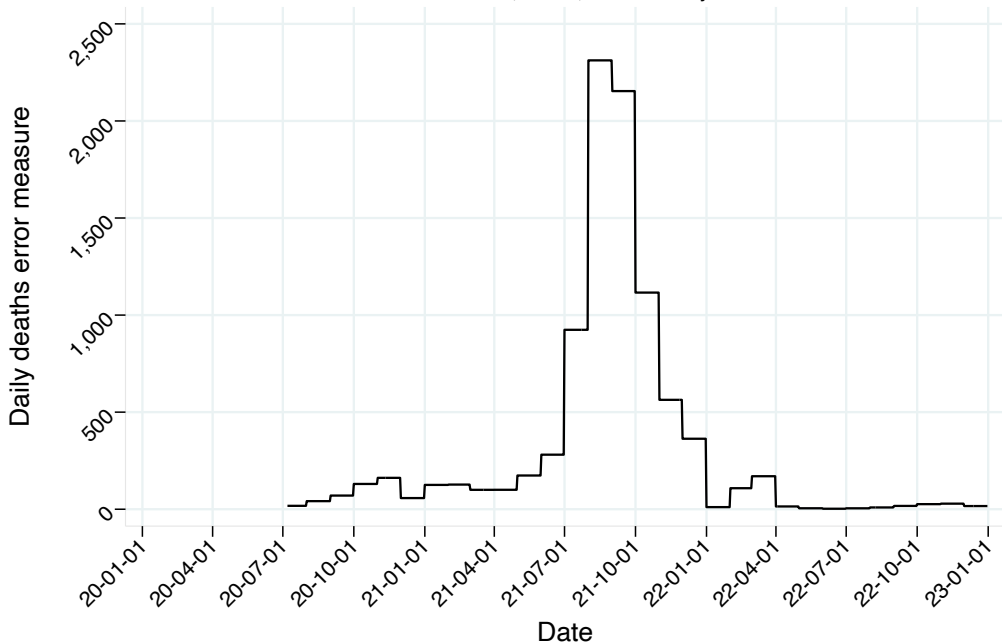
# C19 daily deaths, average median absolute error

Indonesia, DELP, forecast only



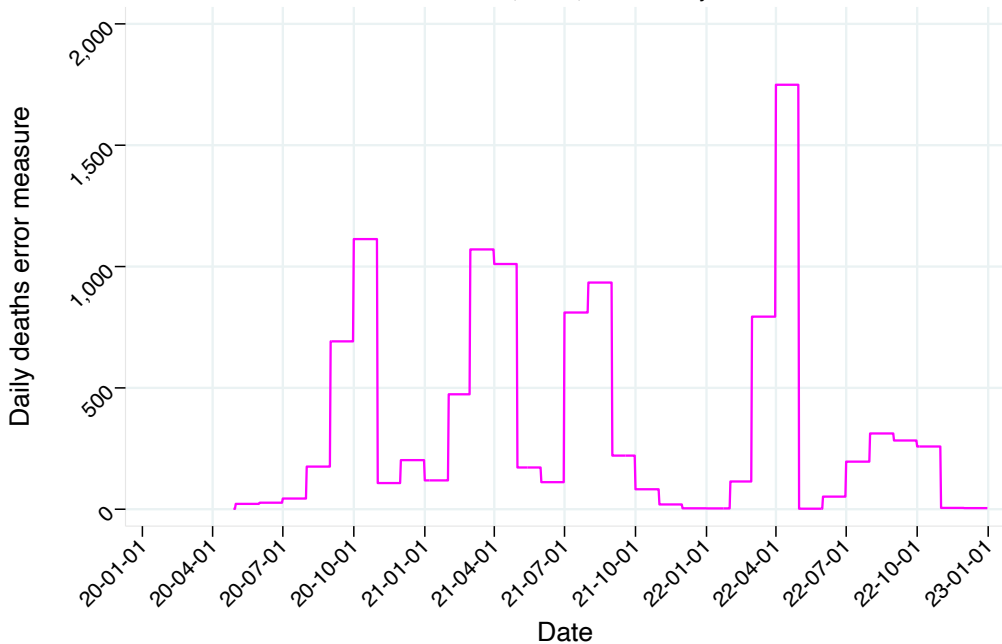
# C19 daily deaths, average median absolute error

Indonesia, IHME, forecast only



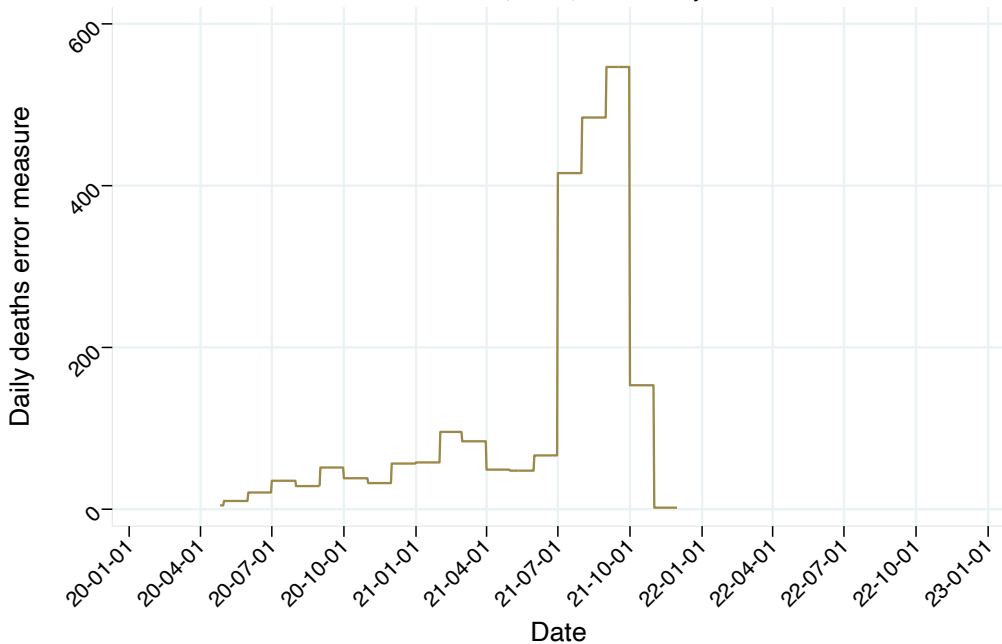
# C19 daily deaths, average median absolute error

Indonesia, IMPE, forecast only



# C19 daily deaths, average median absolute error

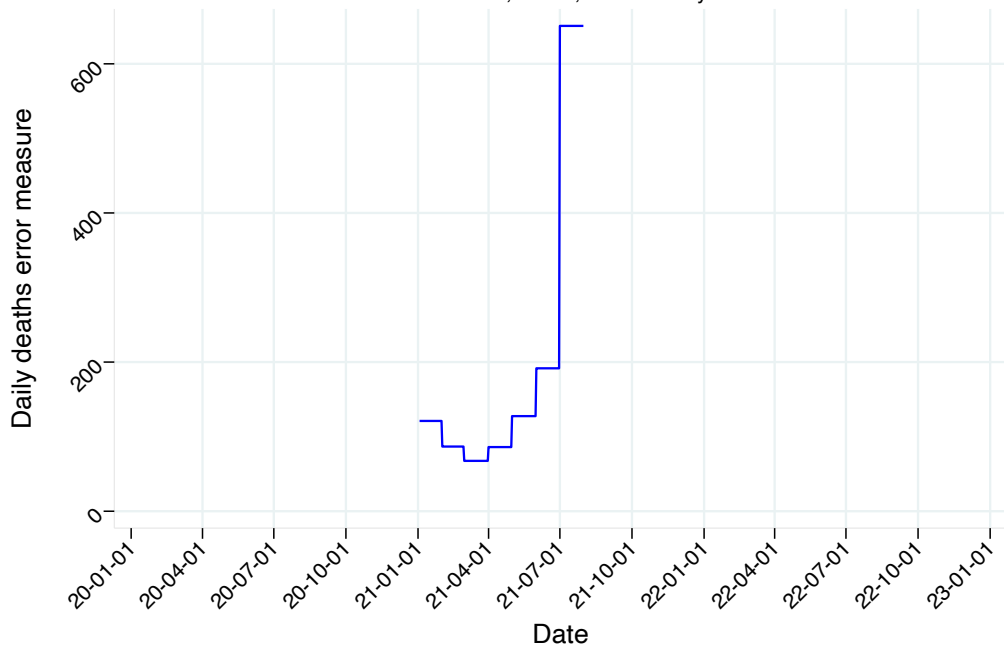
Indonesia, LANL, forecast only





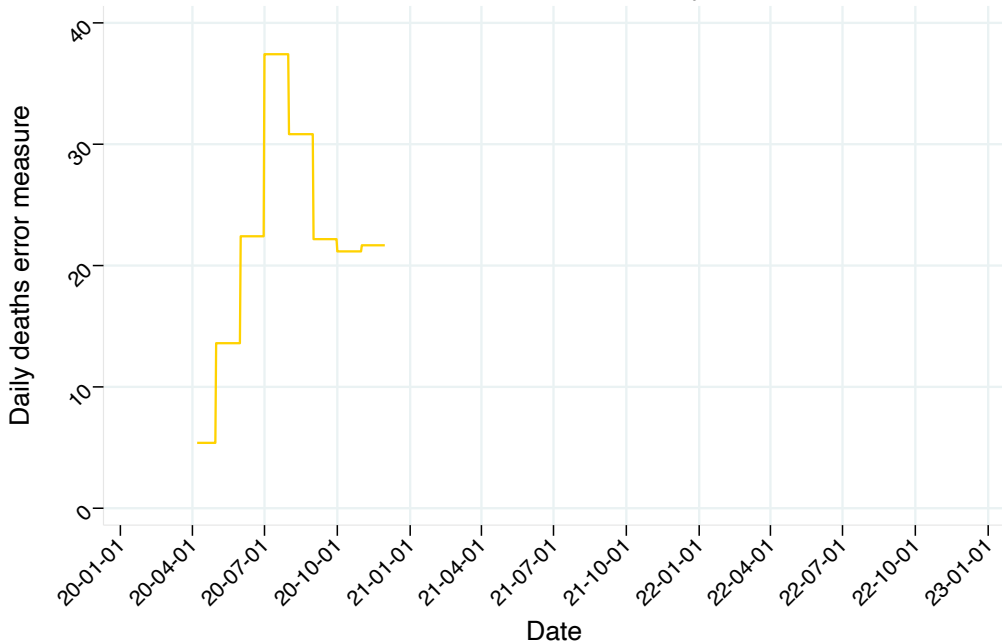
# C19 daily deaths, average median absolute error

Indonesia, UCLA, forecast only



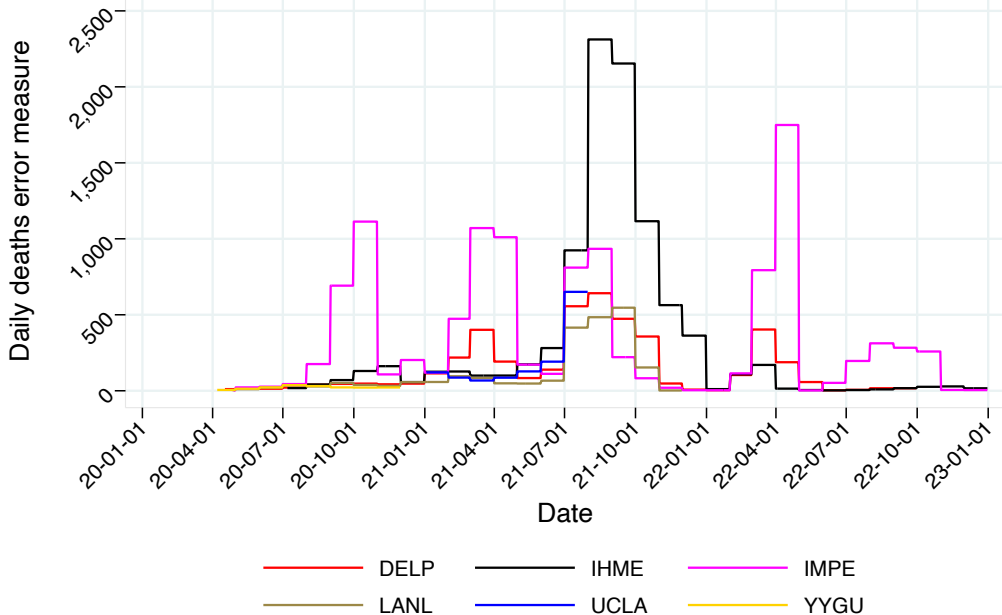
# C19 daily deaths, average median absolute error

Indonesia, YYGU, forecast only



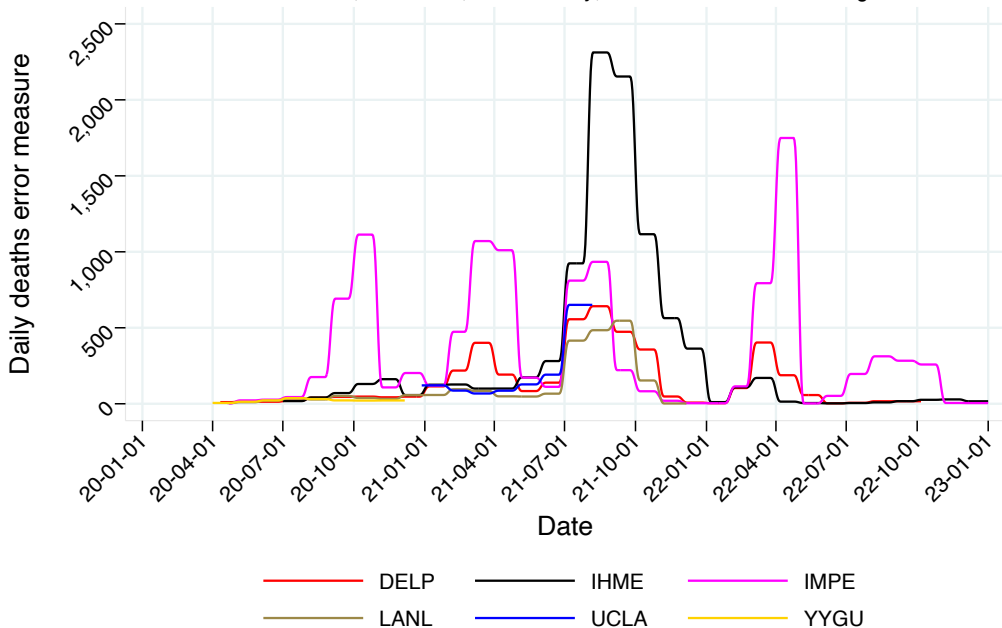
# C19 daily deaths, average median absolute error

Indonesia, all Models, forecast only



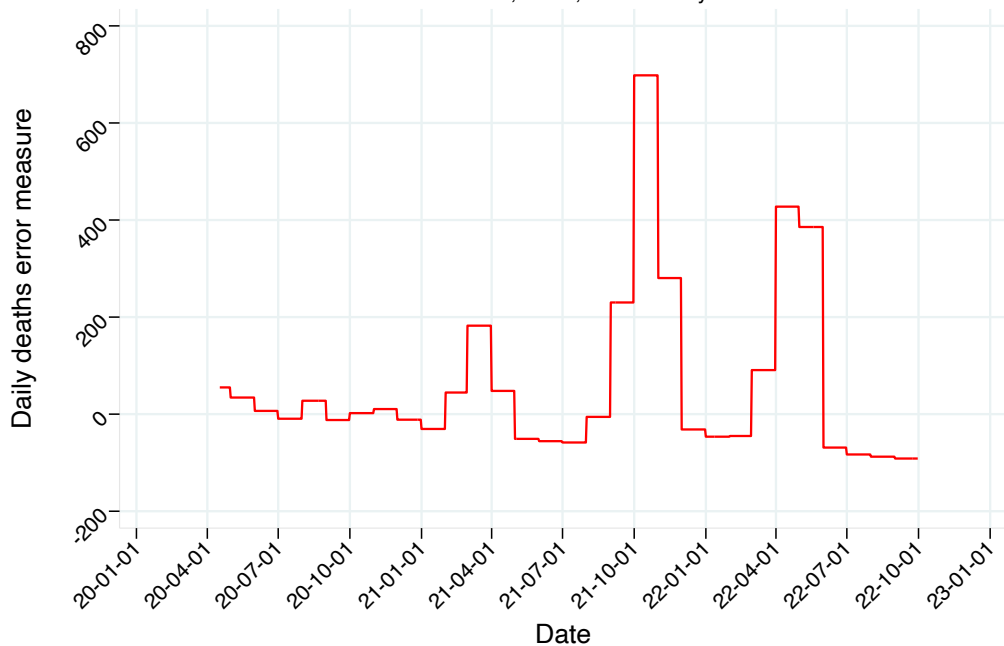
# C19 daily deaths, average median absolute error

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



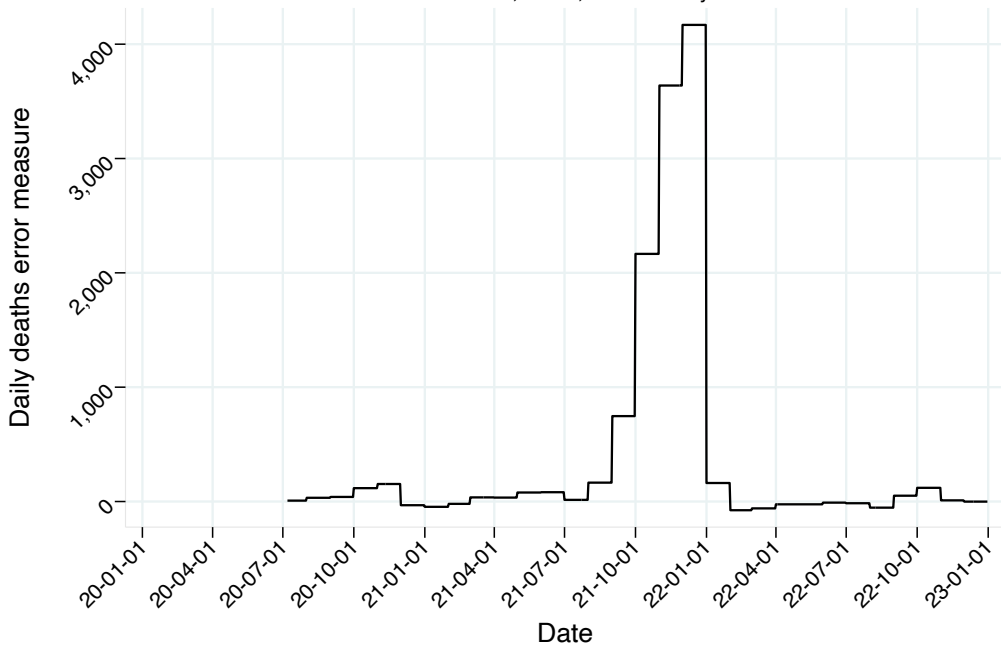
# C19 daily deaths, average median percent error

Indonesia, DELP, forecast only



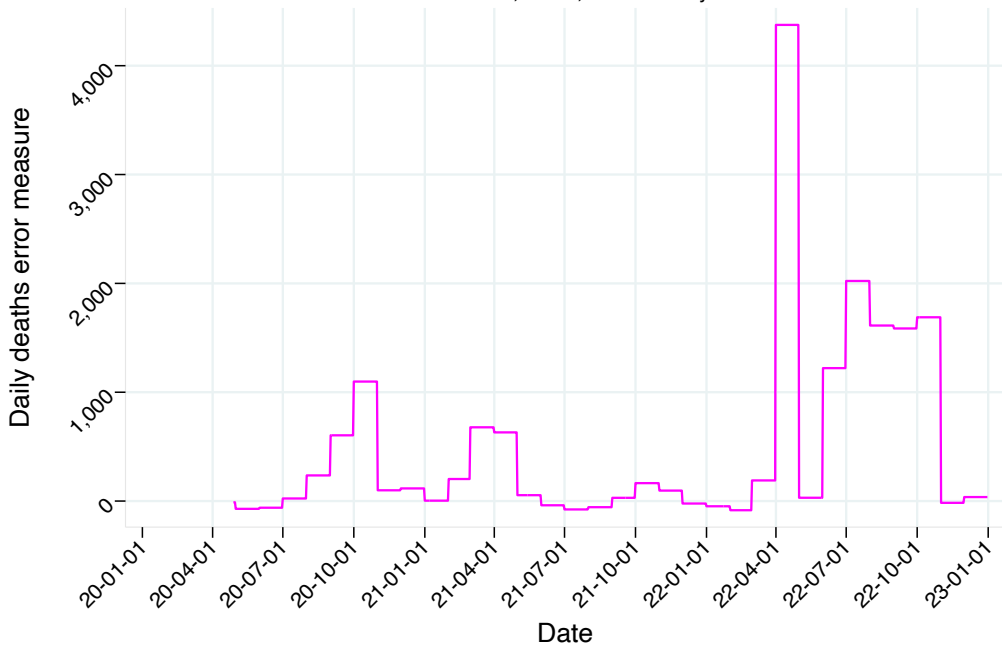
# C19 daily deaths, average median percent error

Indonesia, IHME, forecast only



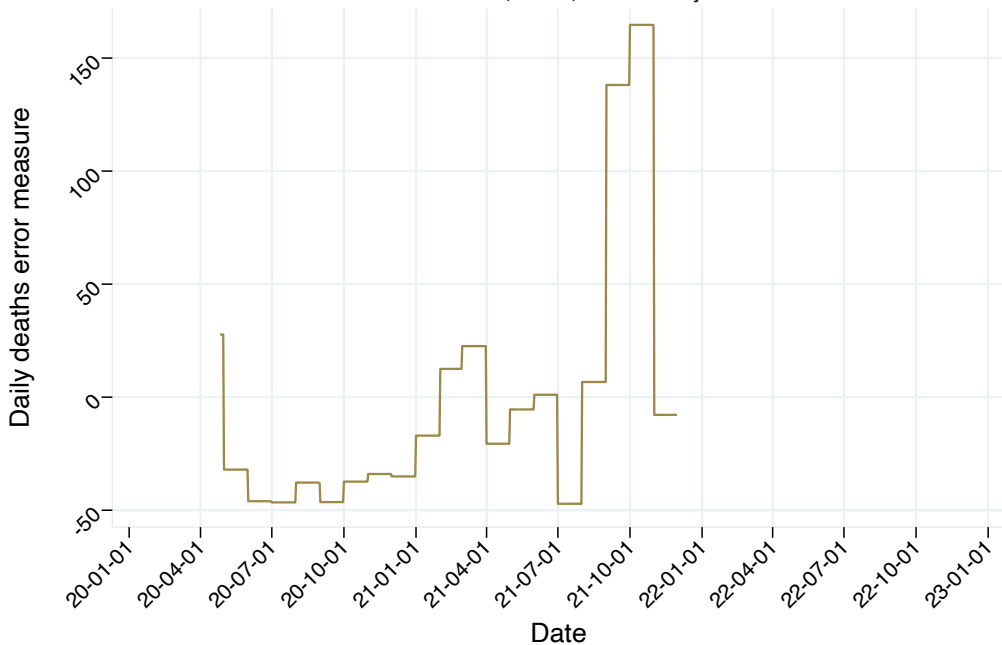
# C19 daily deaths, average median percent error

Indonesia, IMPE, forecast only



# C19 daily deaths, average median percent error

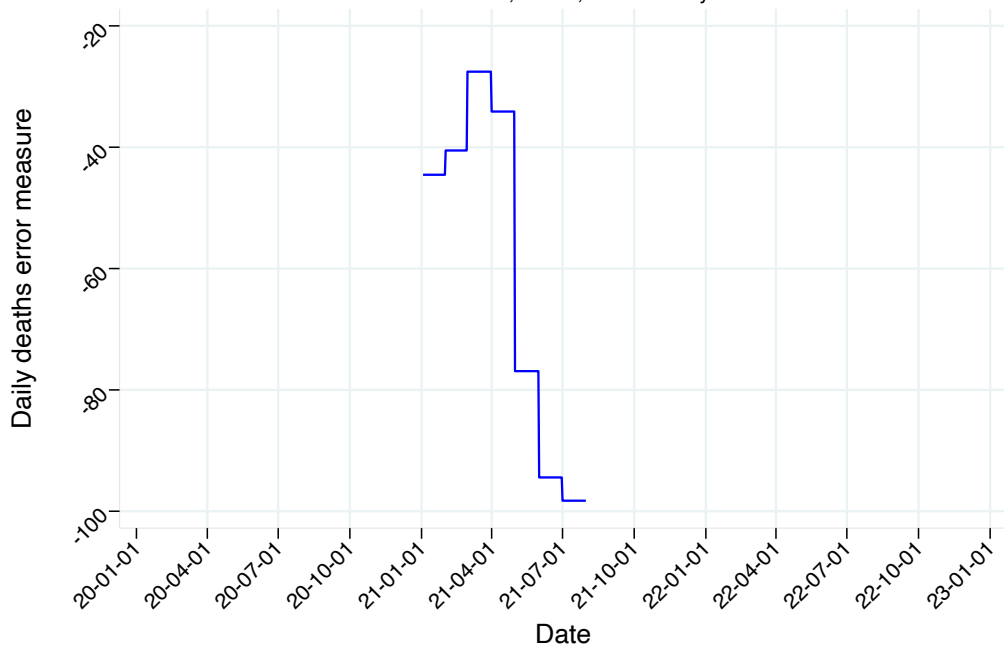
Indonesia, LANL, forecast only





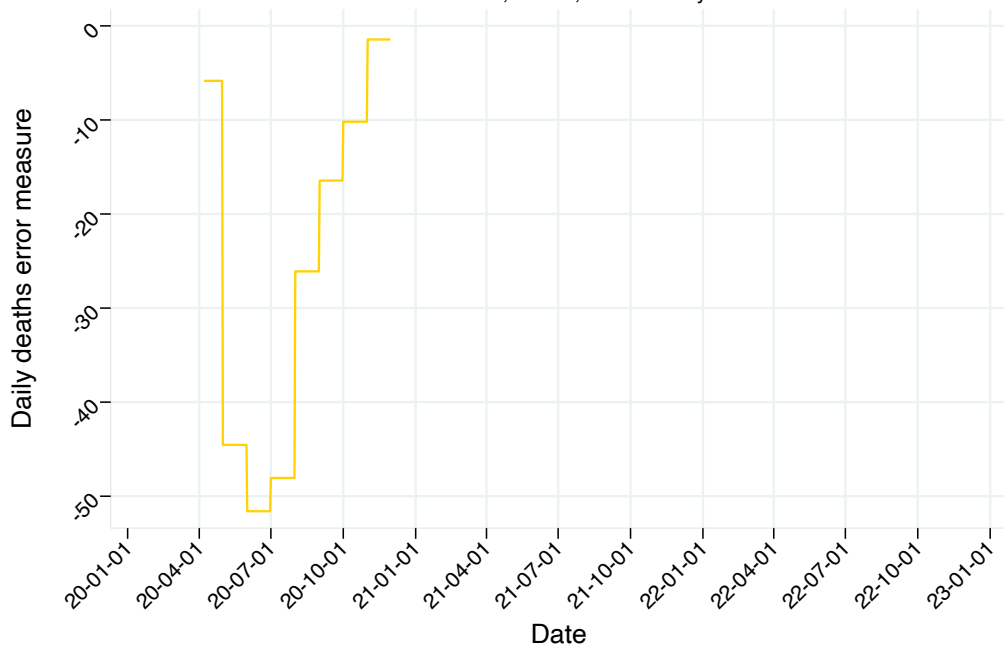
# C19 daily deaths, average median percent error

Indonesia, UCLA, forecast only



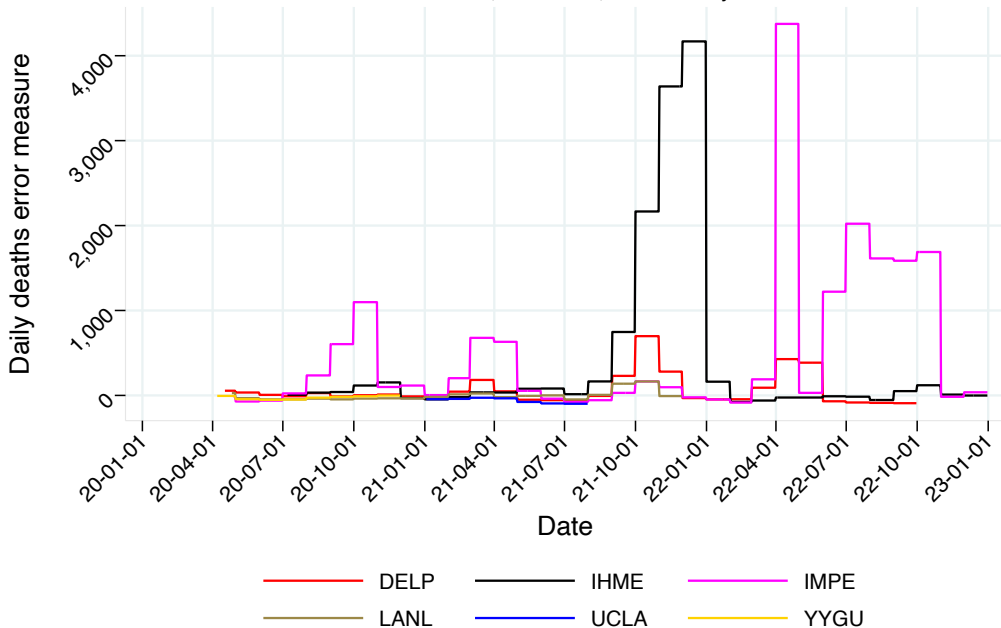
# C19 daily deaths, average median percent error

Indonesia, YYGU, forecast only



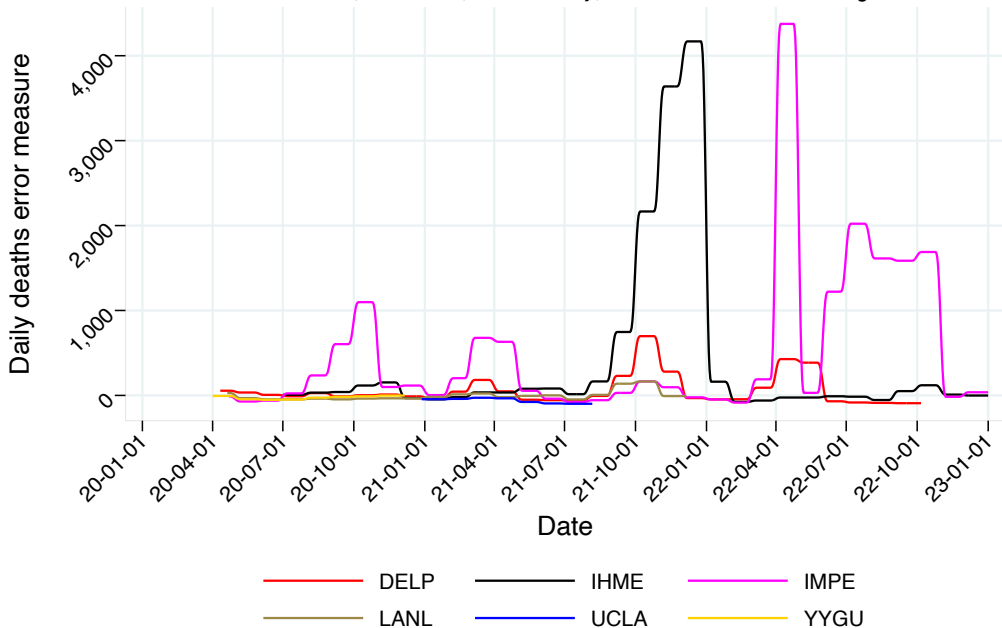
# C19 daily deaths, average median percent error

Indonesia, all Models, forecast only



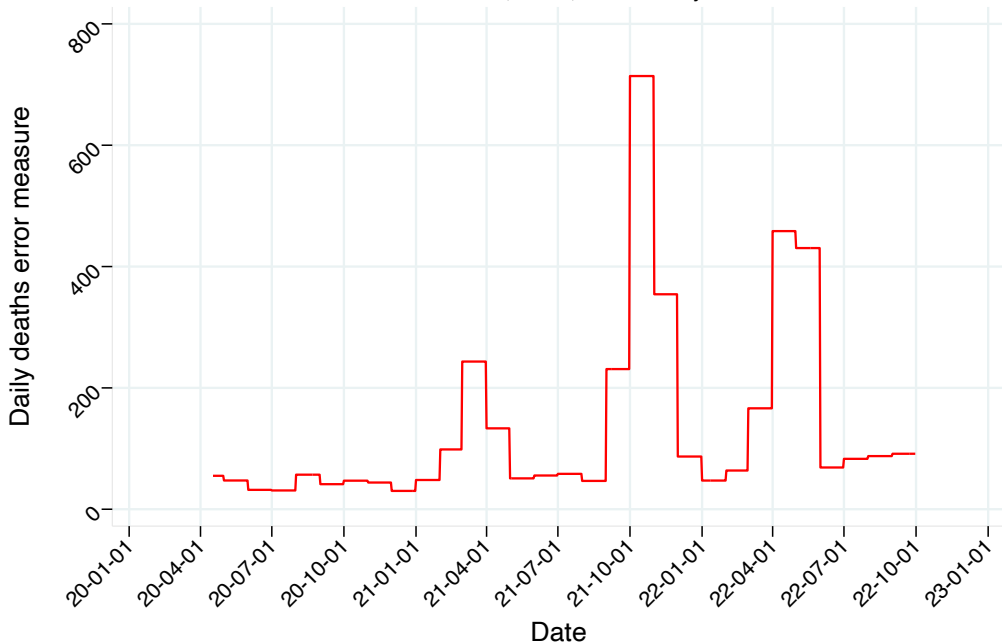
# C19 daily deaths, average median percent error

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



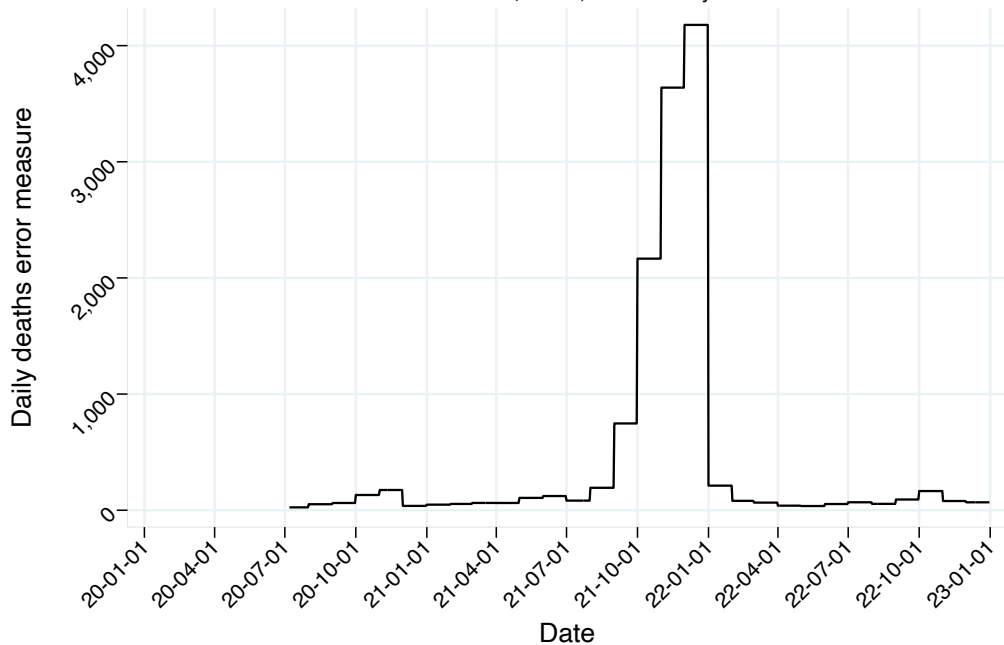
# C19 daily deaths, average median absolute percent error

Indonesia, DELP, forecast only



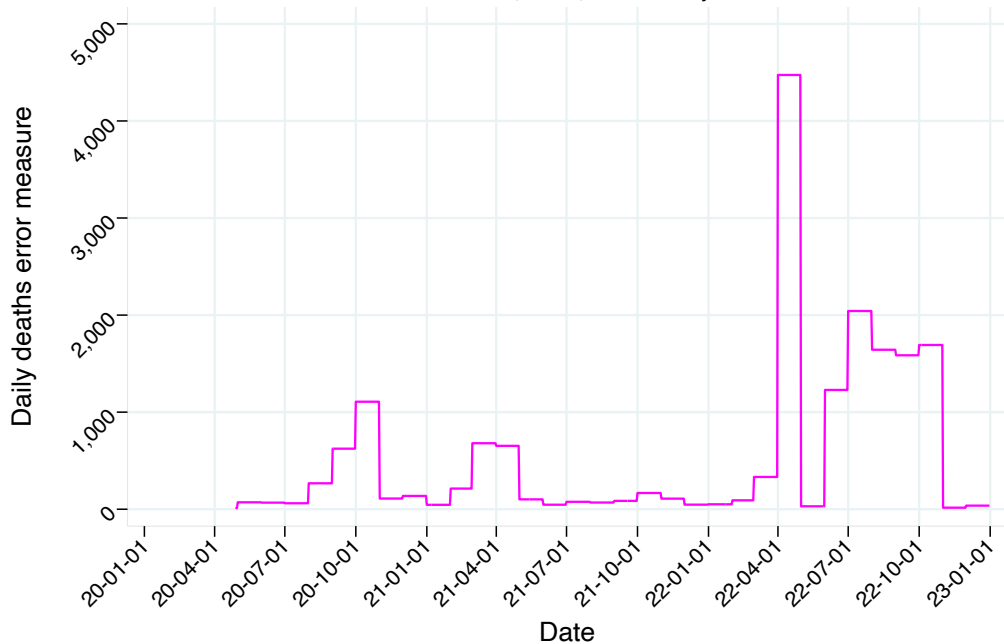
# C19 daily deaths, average median absolute percent error

Indonesia, IHME, forecast only



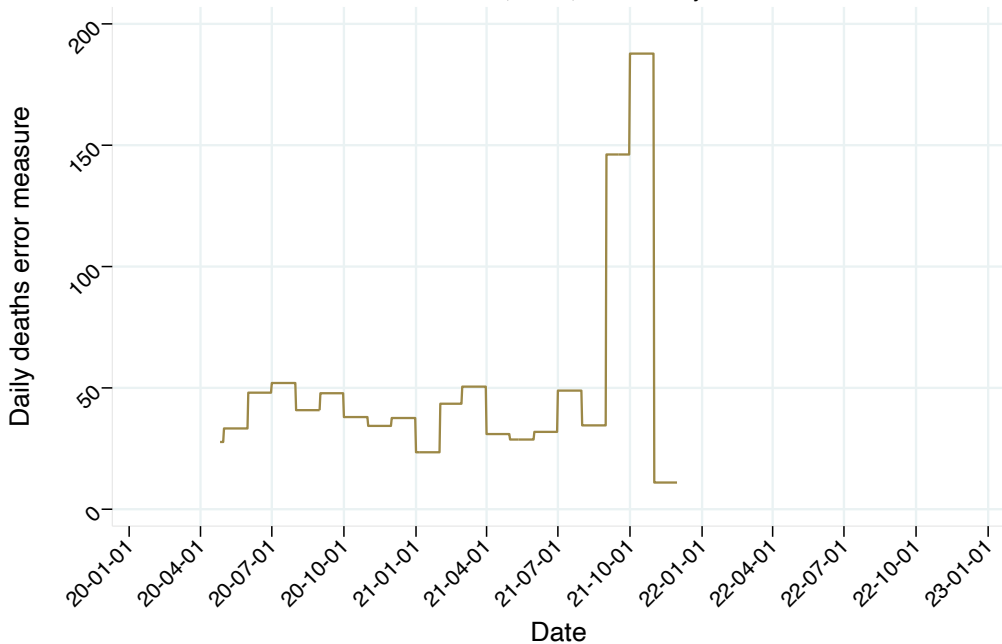
# C19 daily deaths, average median absolute percent error

Indonesia, IMPE, forecast only



# C19 daily deaths, average median absolute percent error

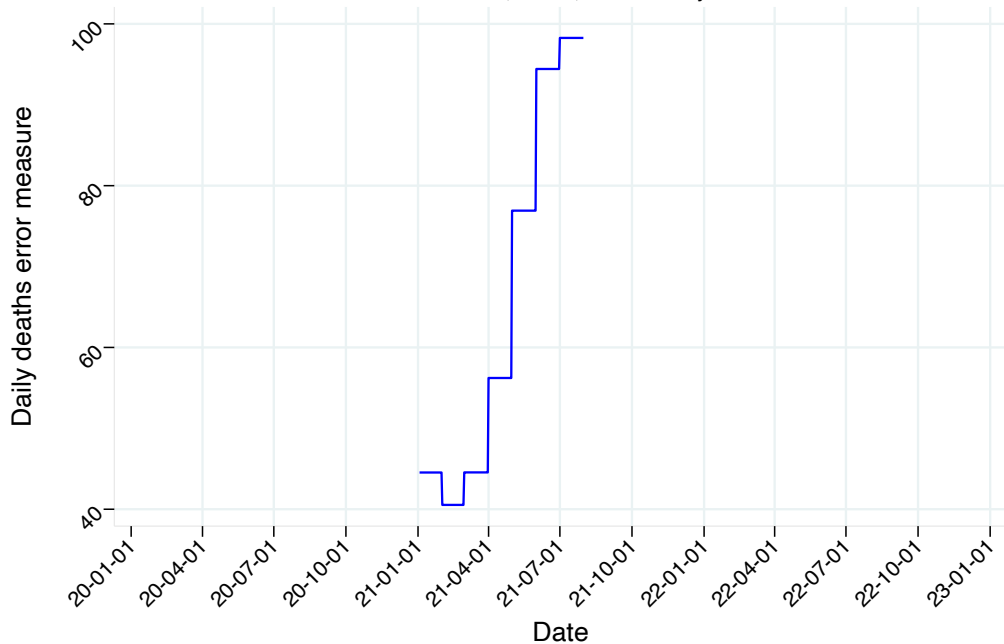
Indonesia, LANL, forecast only





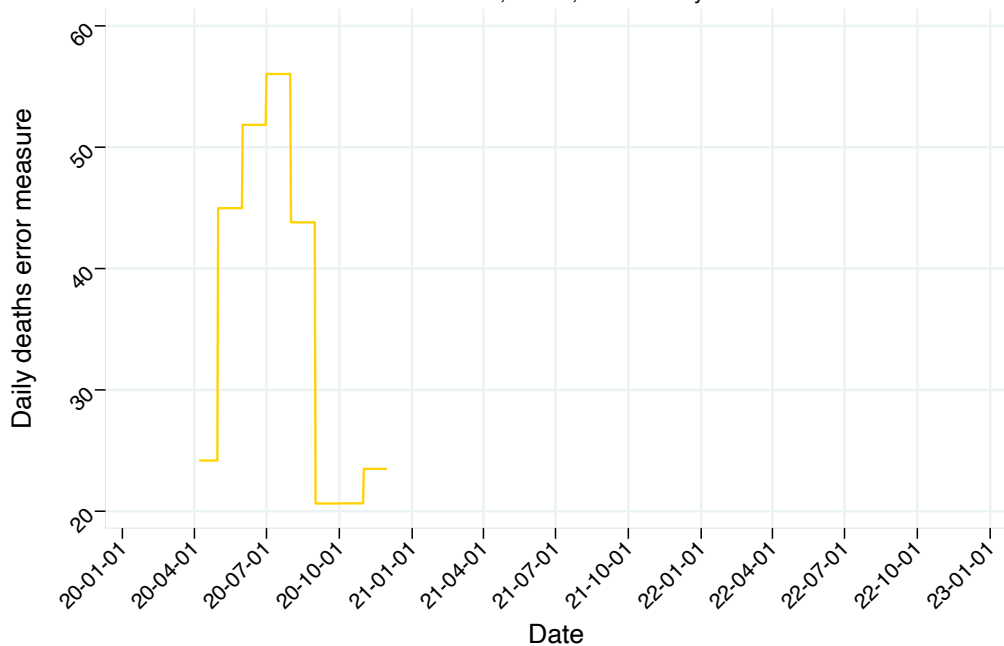
### C19 daily deaths, average median absolute percent error

Indonesia, UCLA, forecast only



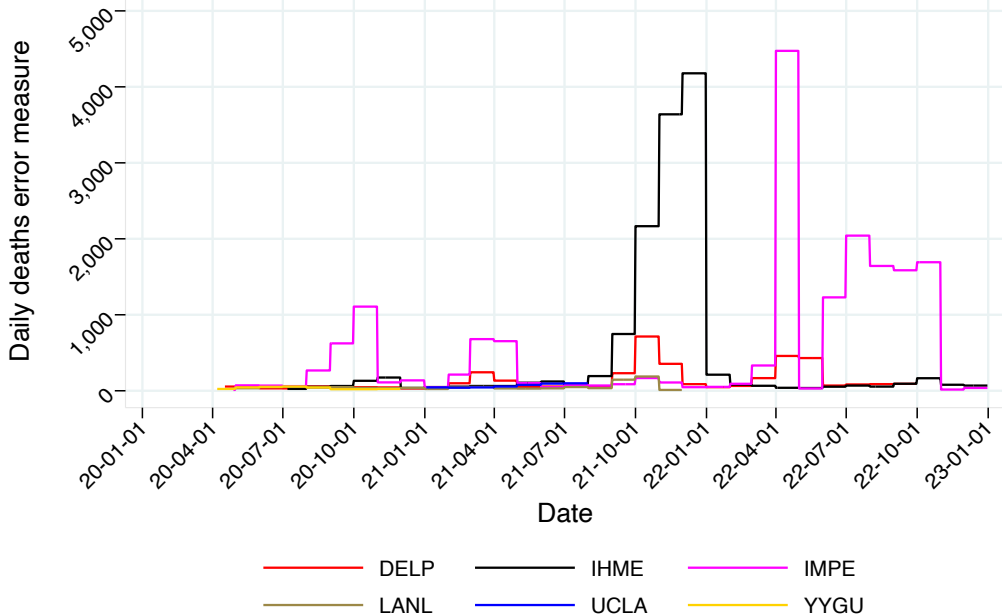
# C19 daily deaths, average median absolute percent error

Indonesia, YYGU, forecast only



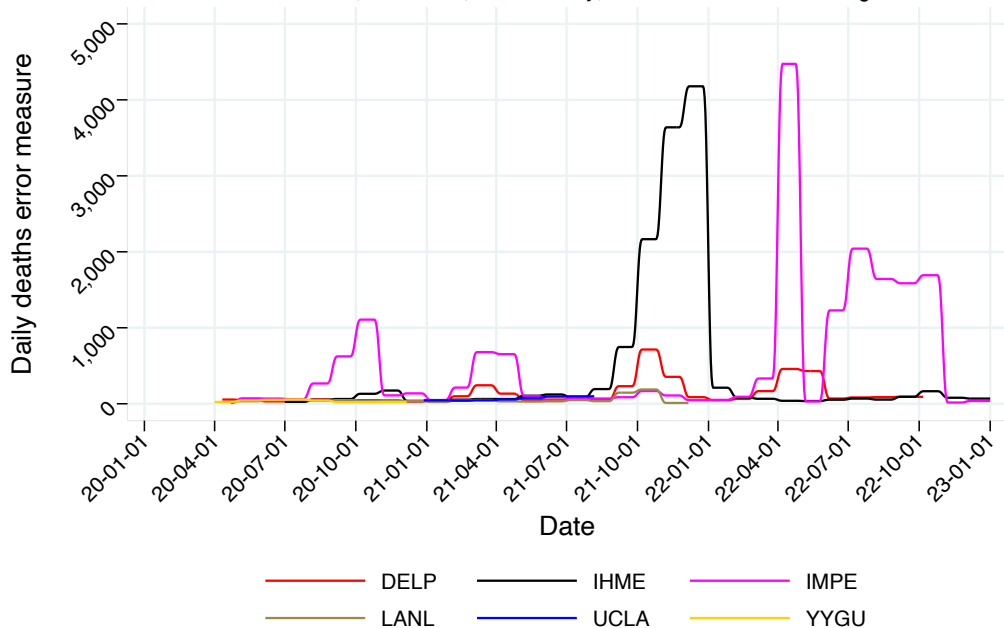
# C19 daily deaths, average median absolute percent error

Indonesia, all Models, forecast only



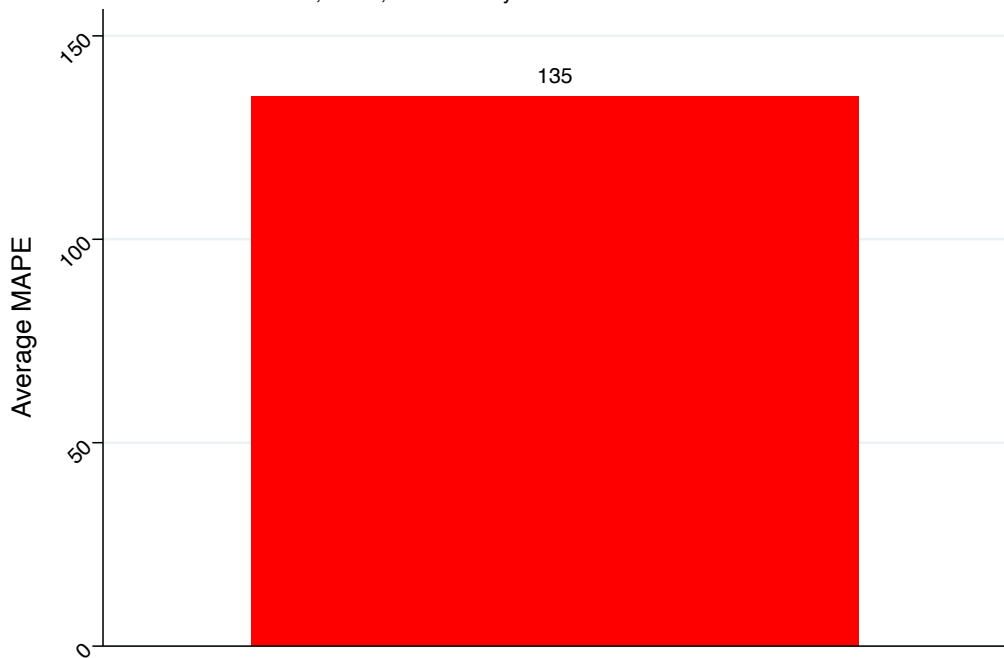
# C19 daily deaths, average median absolute percent error

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



# C19 daily deaths average MAPE over updates and calendar months

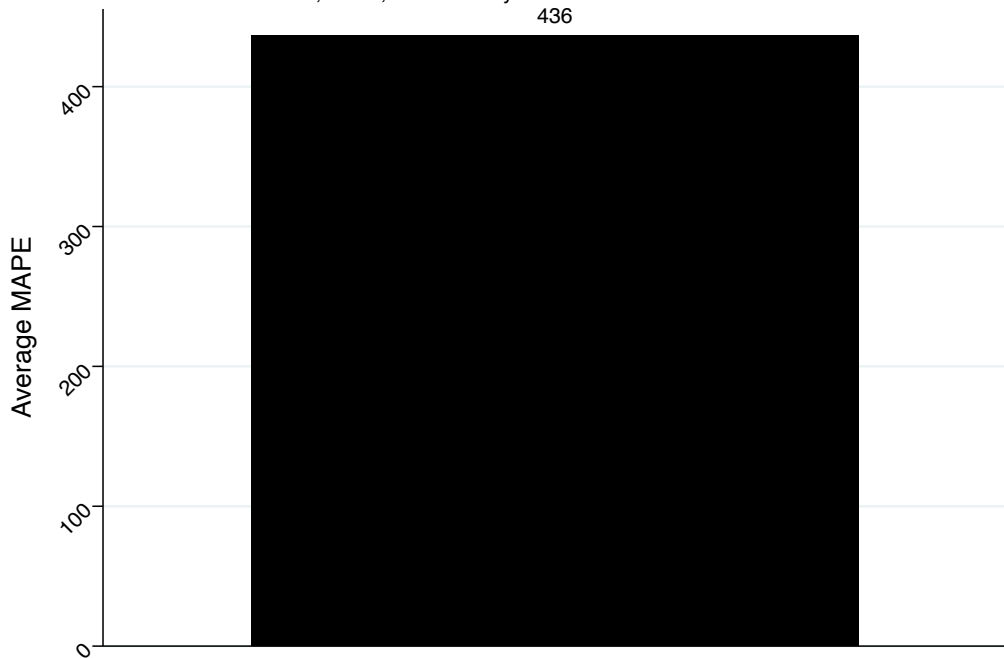
Indonesia, DELP, forecast only. MAPE: Median Absolute Percent Error



# C19 daily deaths average MAPE over updates and calendar months

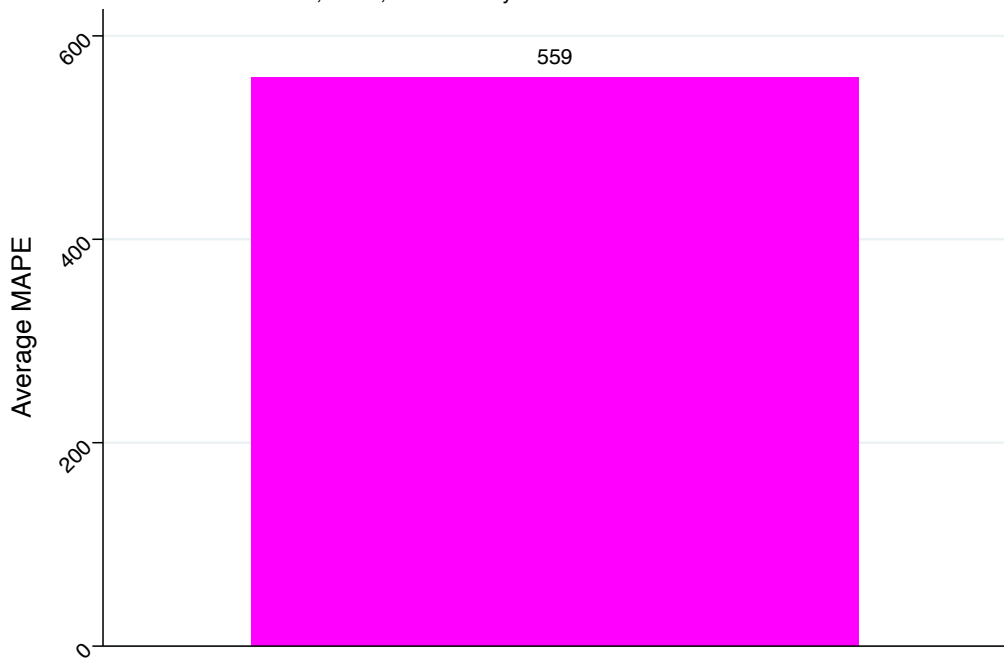
Indonesia, IHME, forecast only. MAPE: Median Absolute Percent Error

436



# C19 daily deaths average MAPE over updates and calendar months

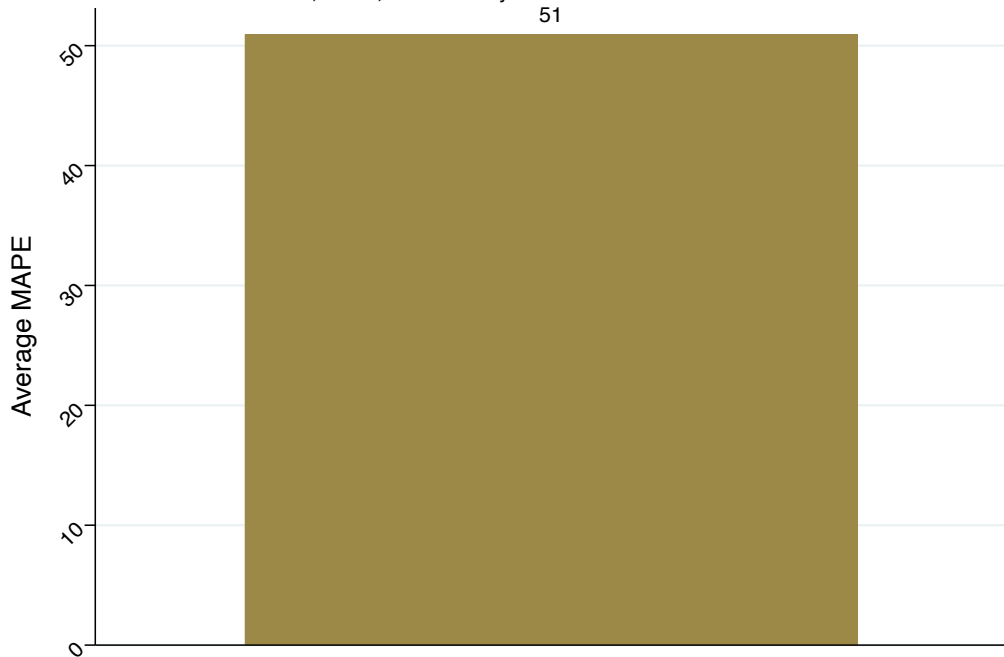
Indonesia, IMPE, forecast only. MAPE: Median Absolute Percent Error



# C19 daily deaths average MAPE over updates and calendar months

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

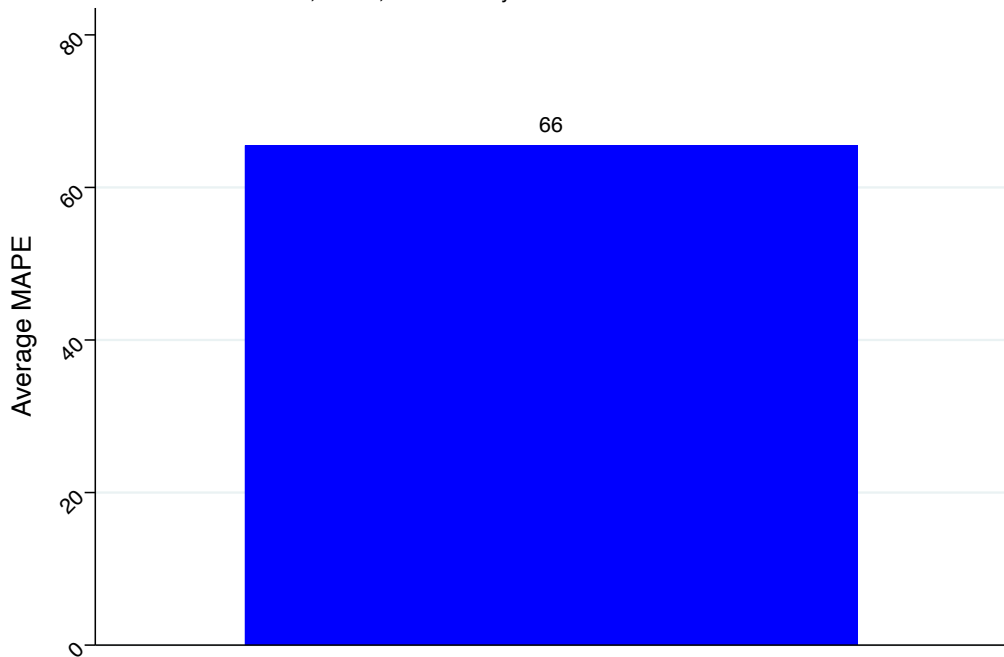
51





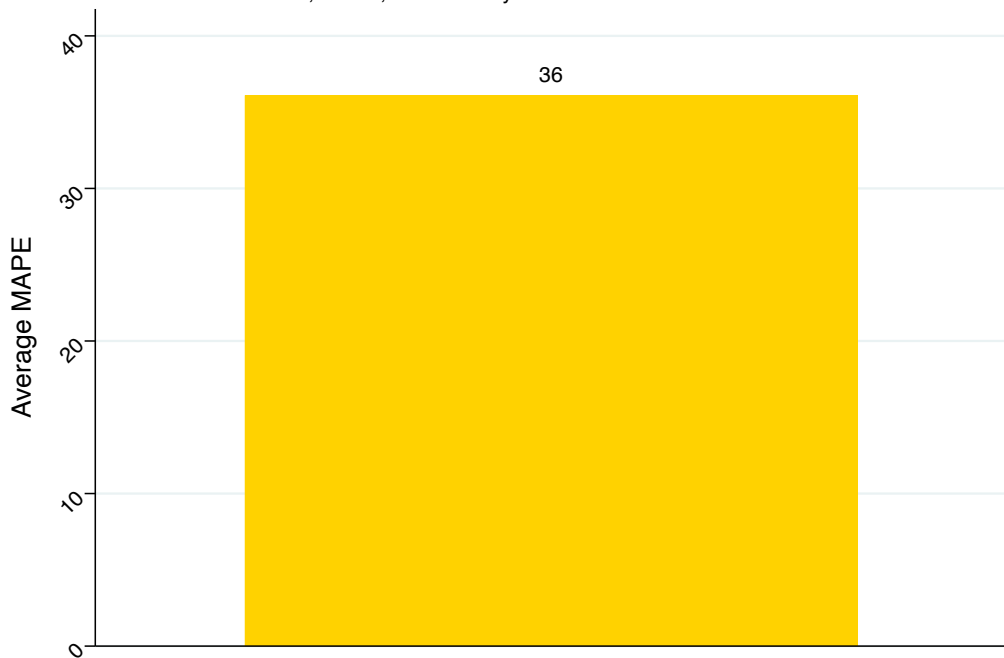
# C19 daily deaths average MAPE over updates and calendar months

Indonesia, UCLA, forecast only. MAPE: Median Absolute Percent Error

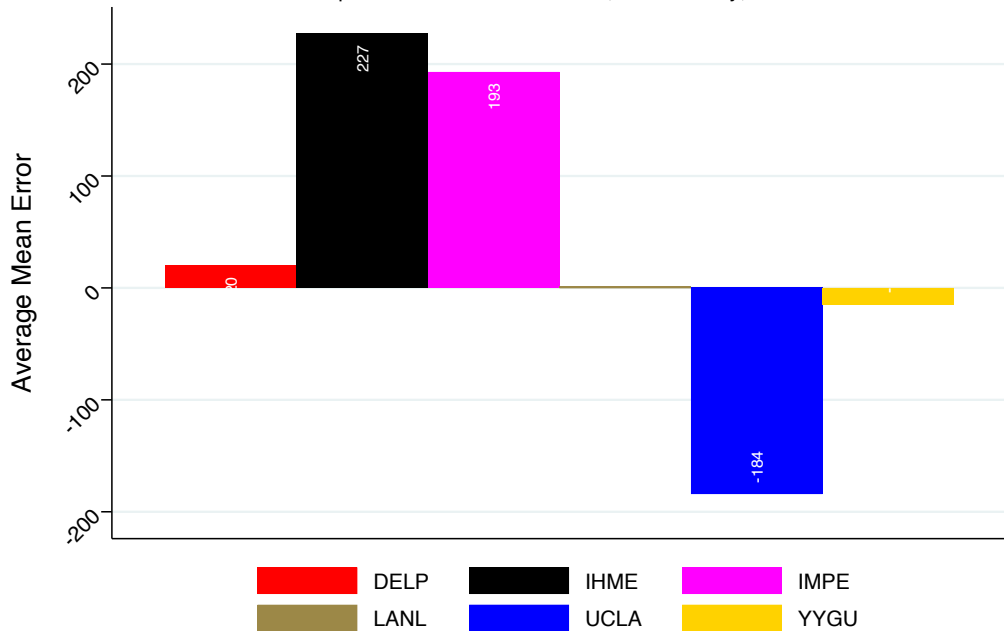


# C19 daily deaths average MAPE over updates and calendar months

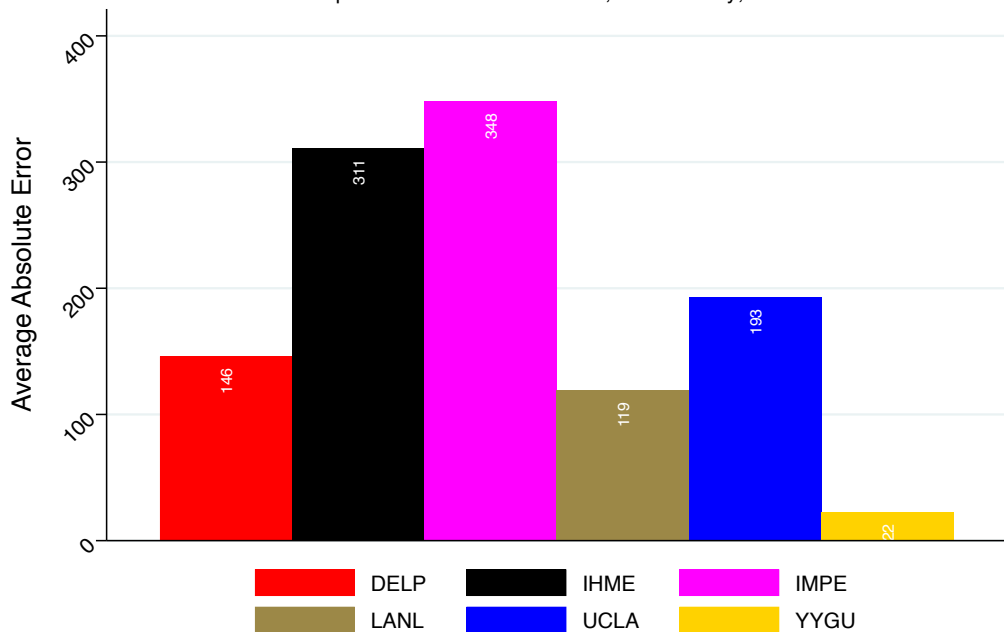
Indonesia, YYGU, forecast only. MAPE: Median Absolute Percent Error



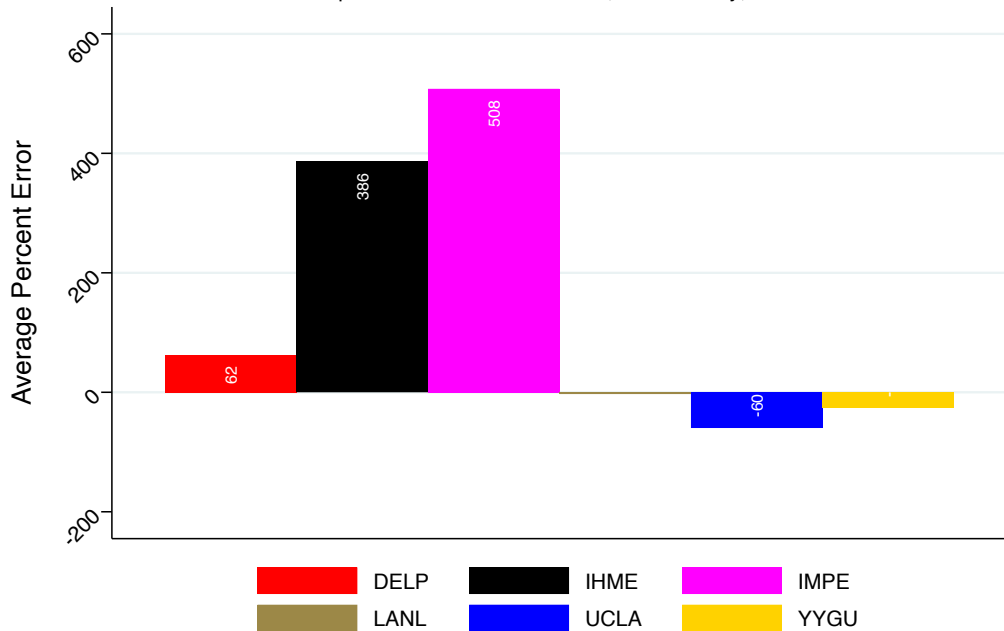
C19 daily deaths average of Mean Error  
Over updates and calendar months; forecast only; Indonesia



C19 daily deaths average of Absolute Error  
Over updates and calendar months; forecast only; Indonesia

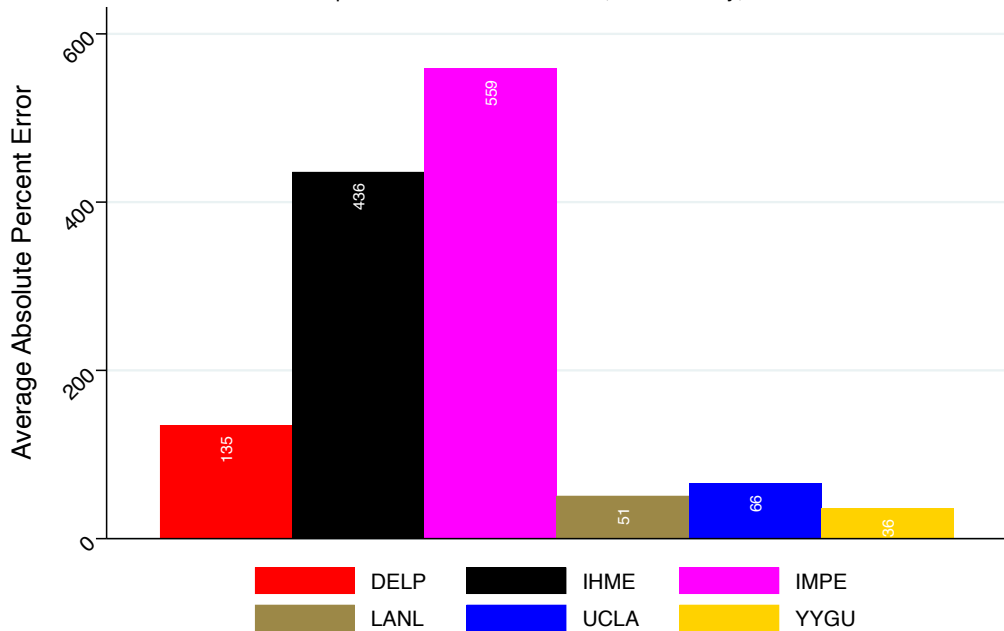


C19 daily deaths average of Percent Error  
Over updates and calendar months; forecast only; Indonesia



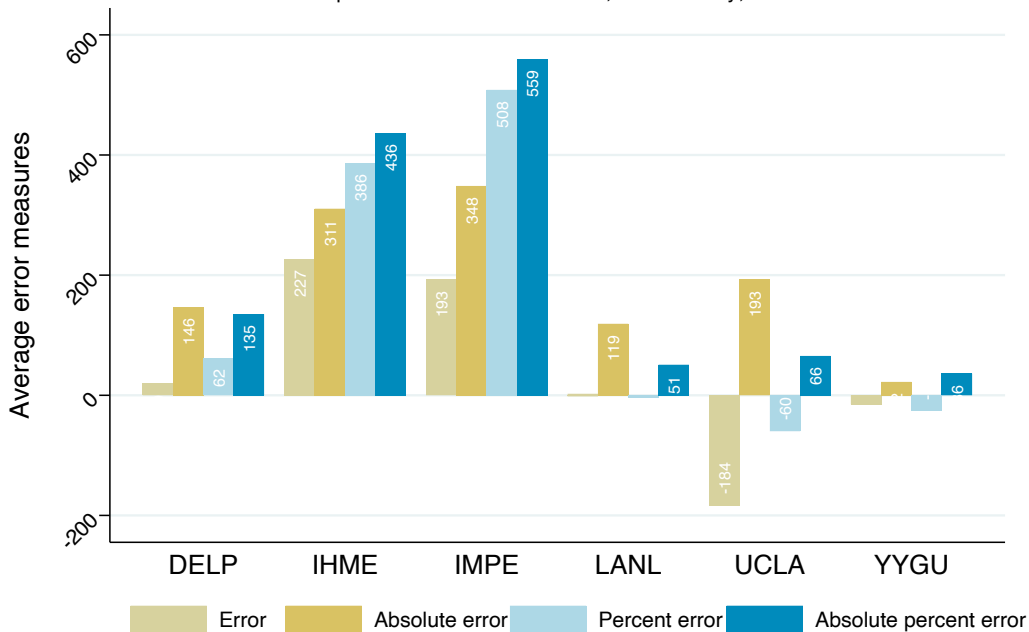
# C19 daily deaths average of Absolute Percent Error

Over updates and calendar months; forecast only; Indonesia



# C19 daily deaths, models across average error measures

Over updates and calendar months; forecast only; Indonesia



# C19 daily deaths, average of error measures across models

Over updates and calendar months; forecast only; Indonesia

