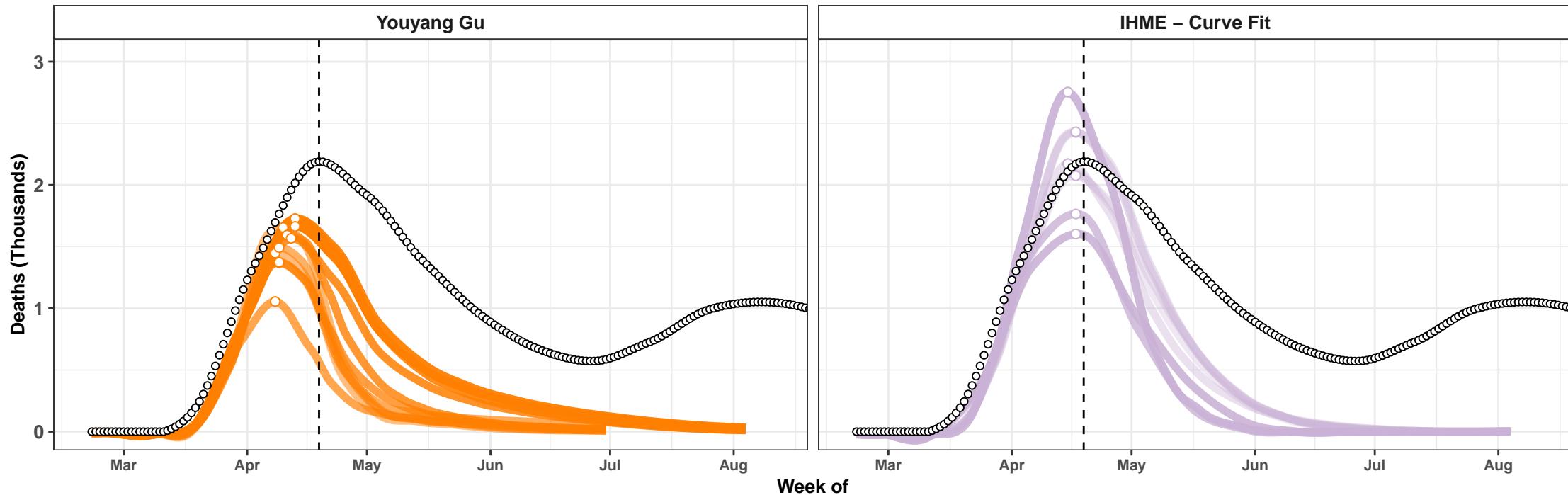


## United States – Smoothed Daily Deaths



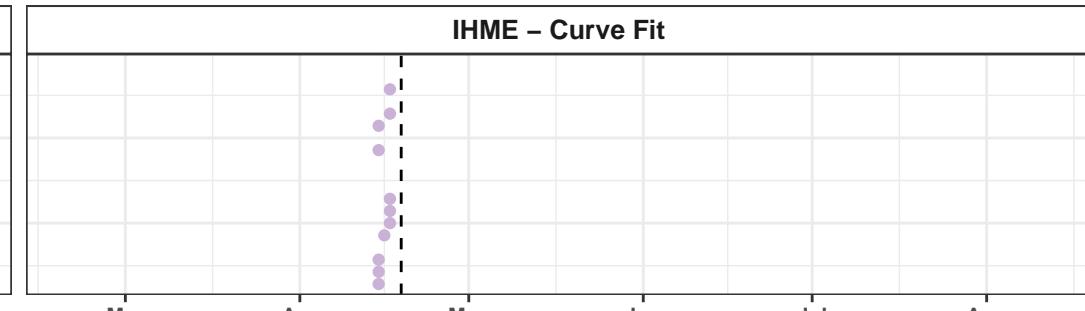
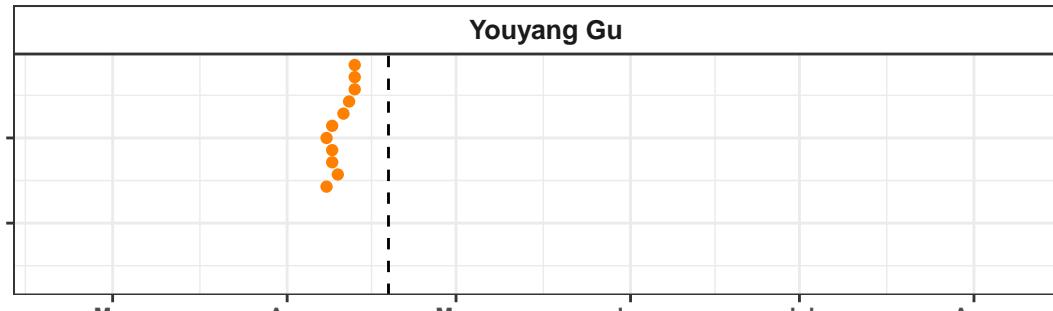
Youyang Gu

Week of

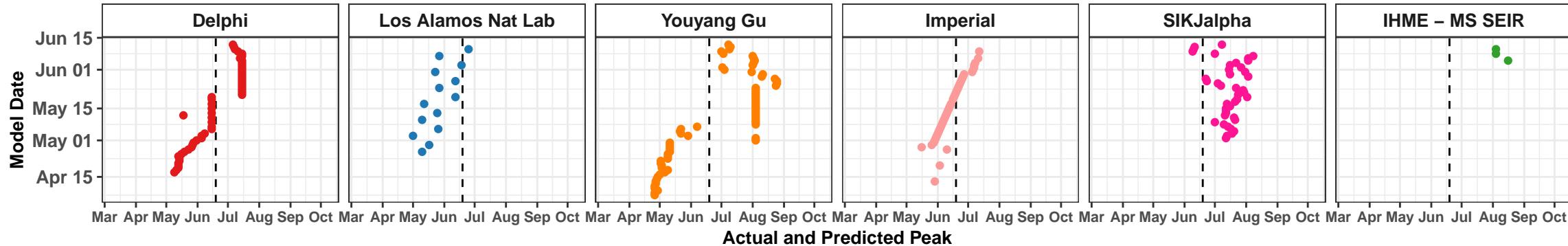
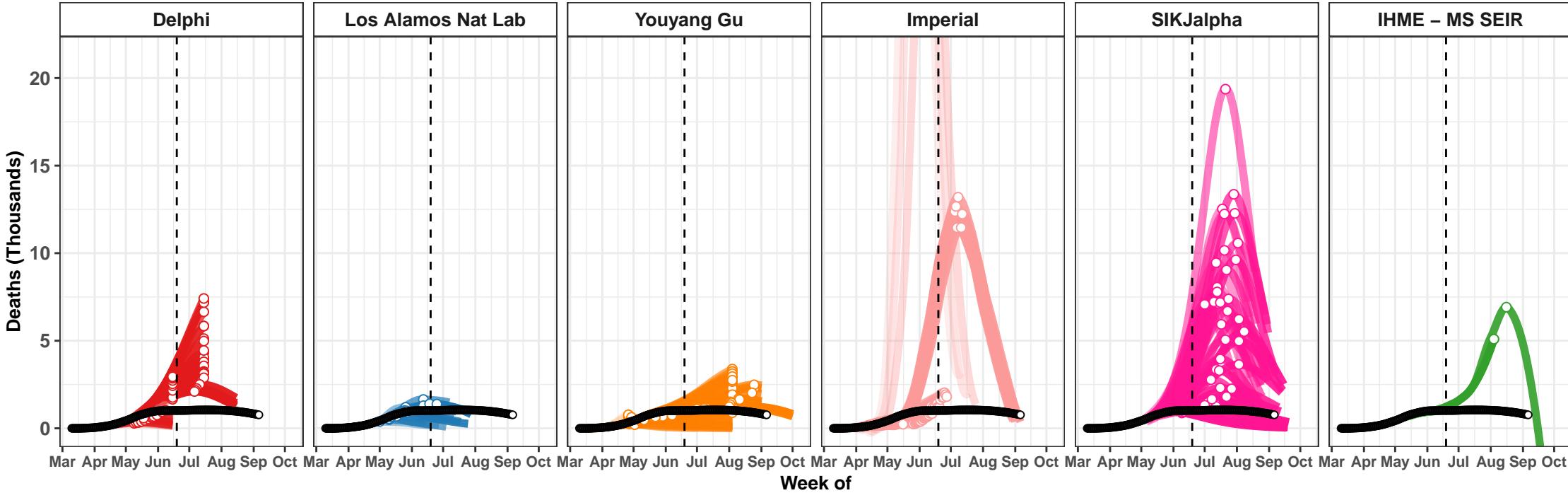
IHME – Curve Fit

Actual and Predicted Peak

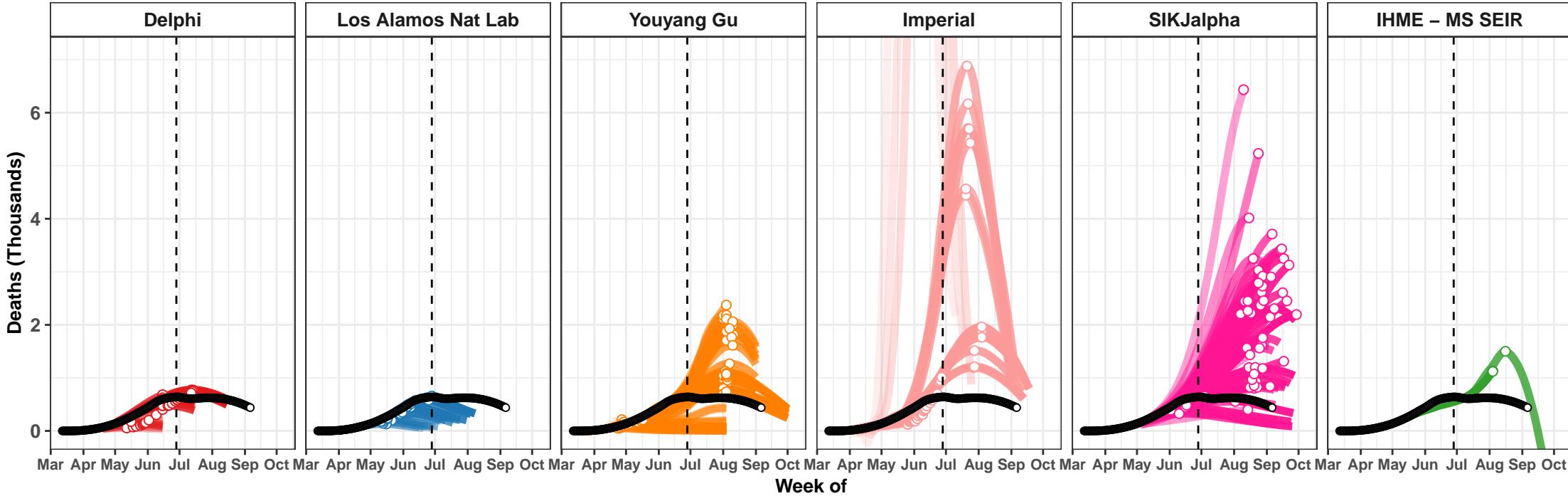
Model Date



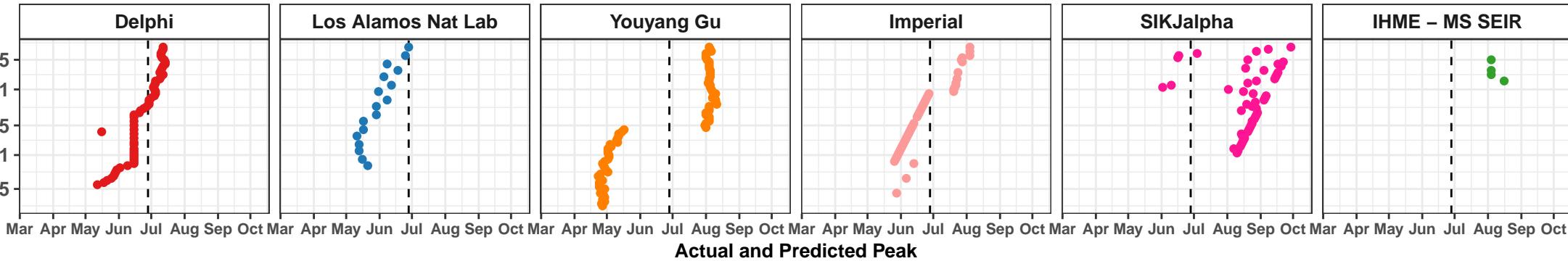
## Brazil – Smoothed Daily Deaths



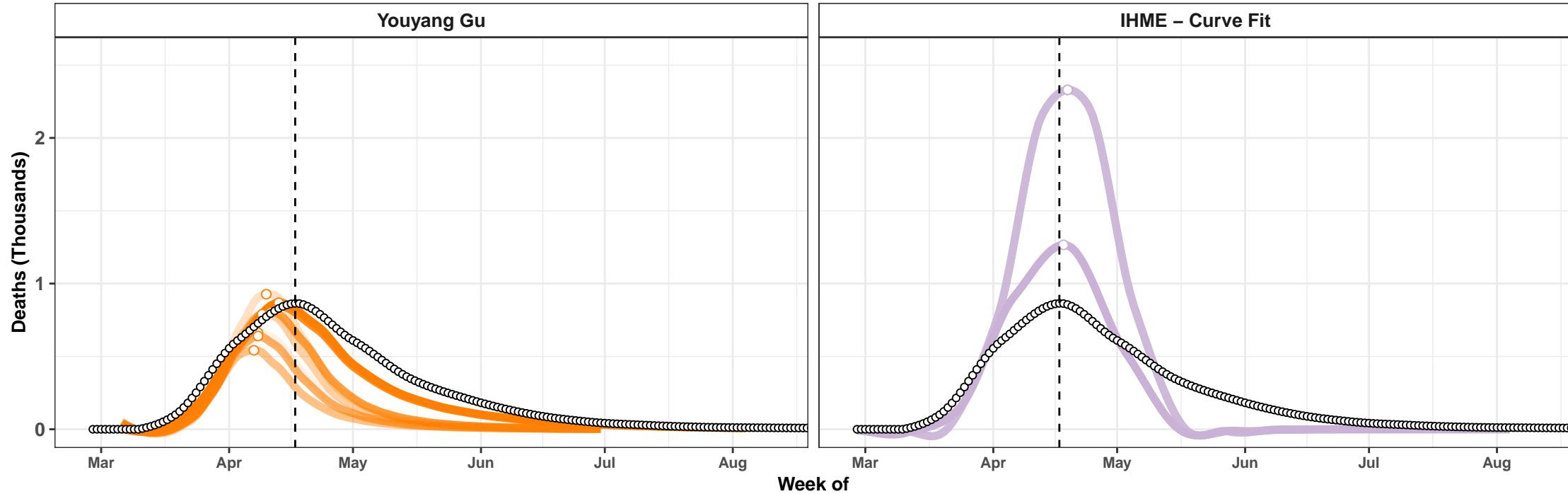
## Mexico – Smoothed Daily Deaths



Model Date



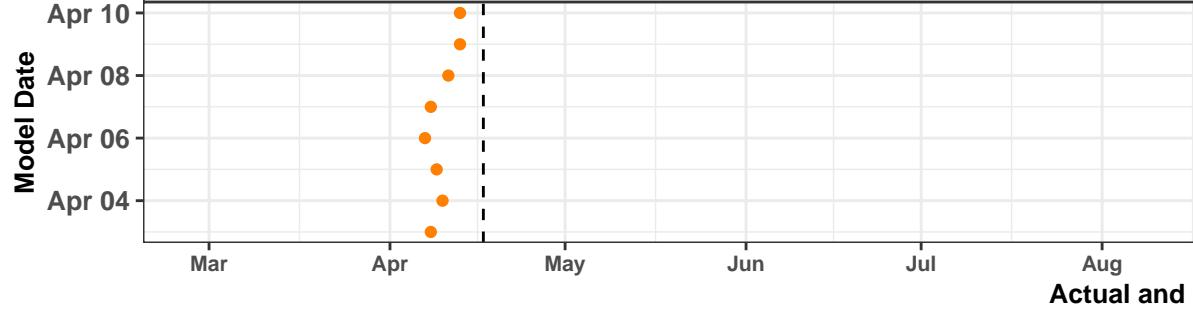
## United Kingdom – Smoothed Daily Deaths



Youyang Gu

IHME – Curve Fit

Model Date

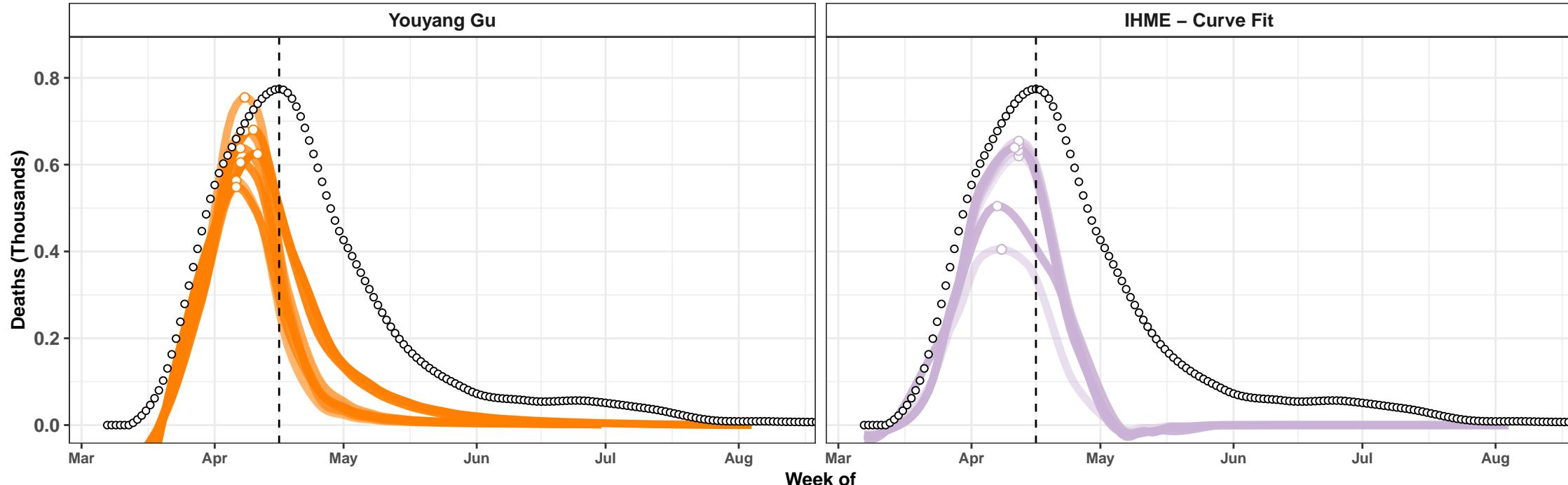


Actual and Predicted Peak

Youyang Gu

IHME – Curve Fit

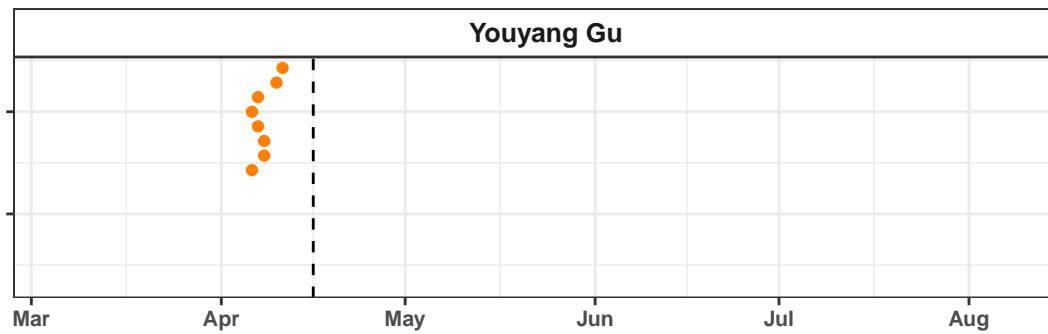
## New York – Smoothed Daily Deaths



Youyang Gu

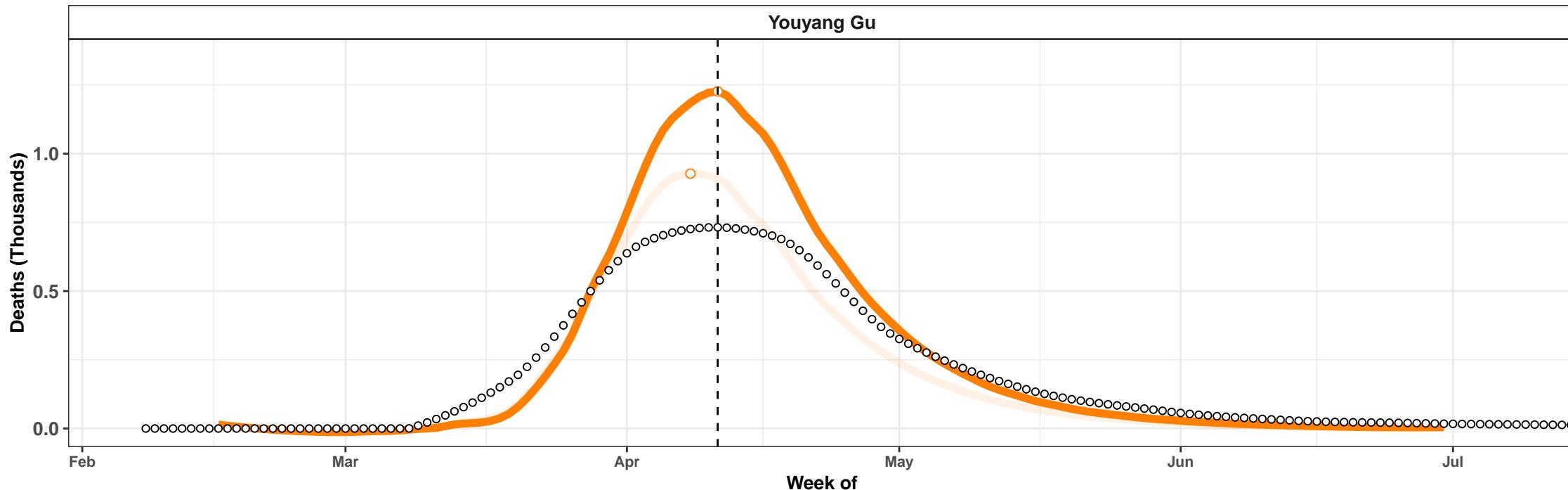
IHME – Curve Fit

Model Date

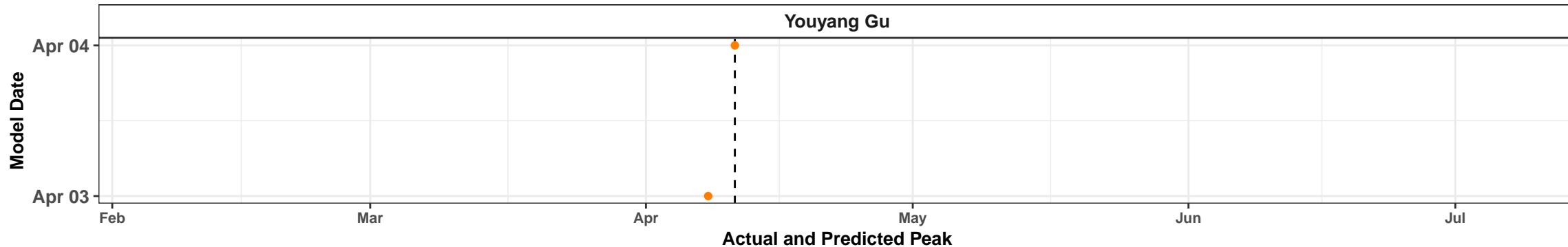


Actual and Predicted Peak

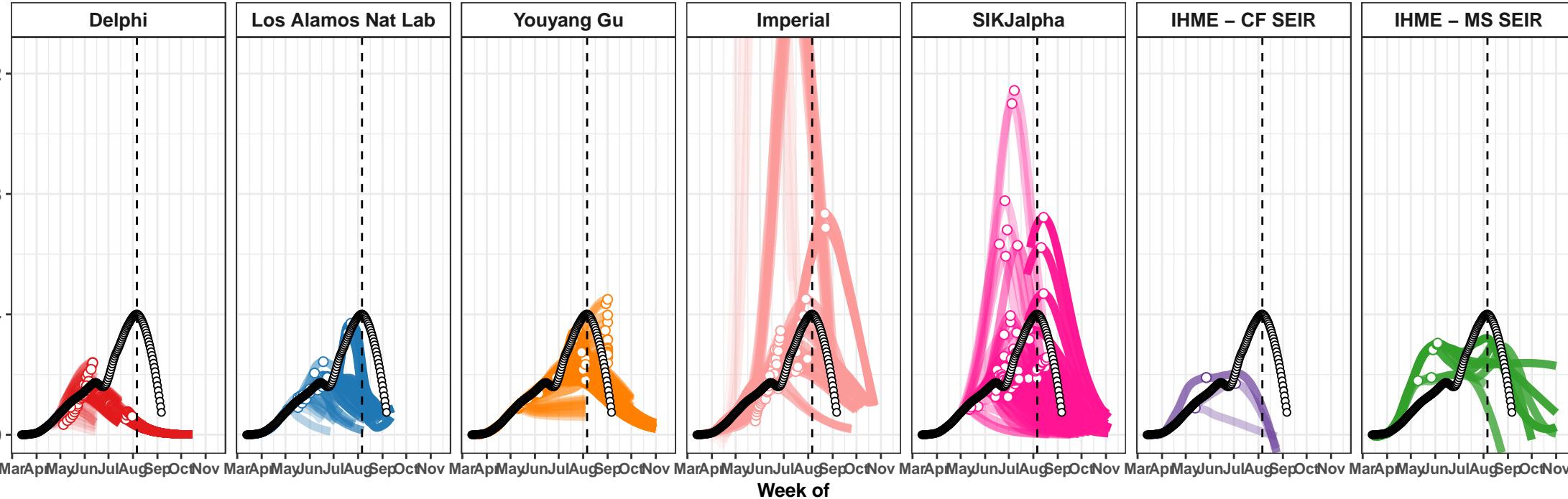
## France – Smoothed Daily Deaths



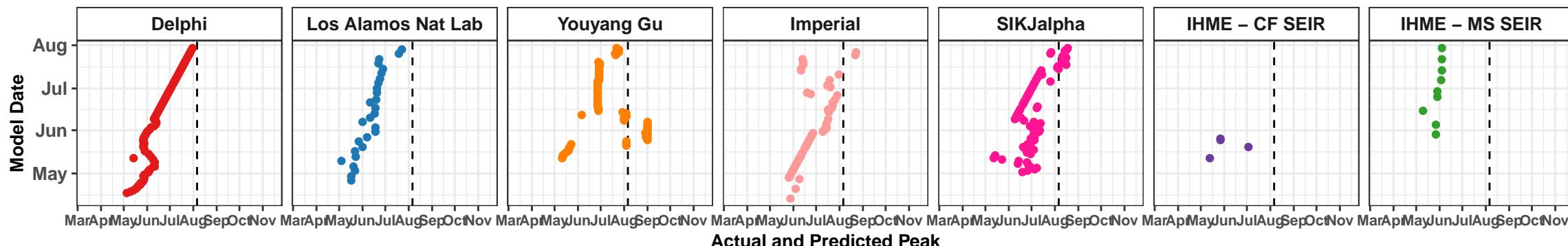
Youyang Gu



# Peru – Smoothed Daily Deaths

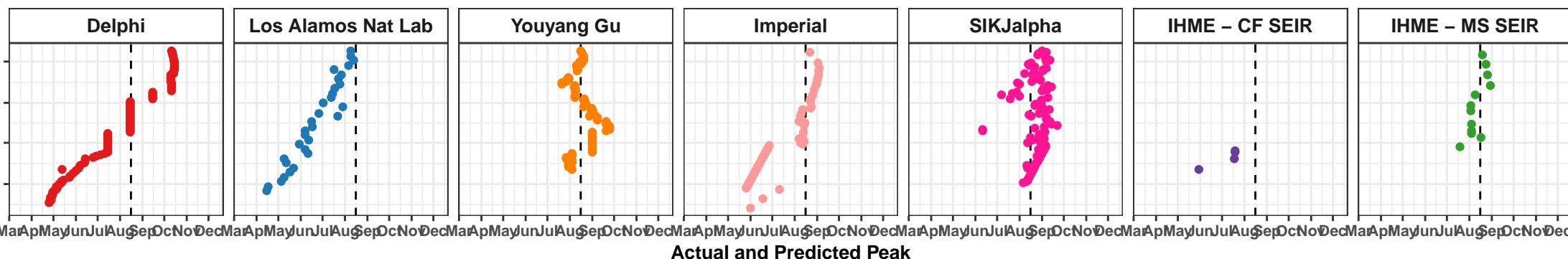
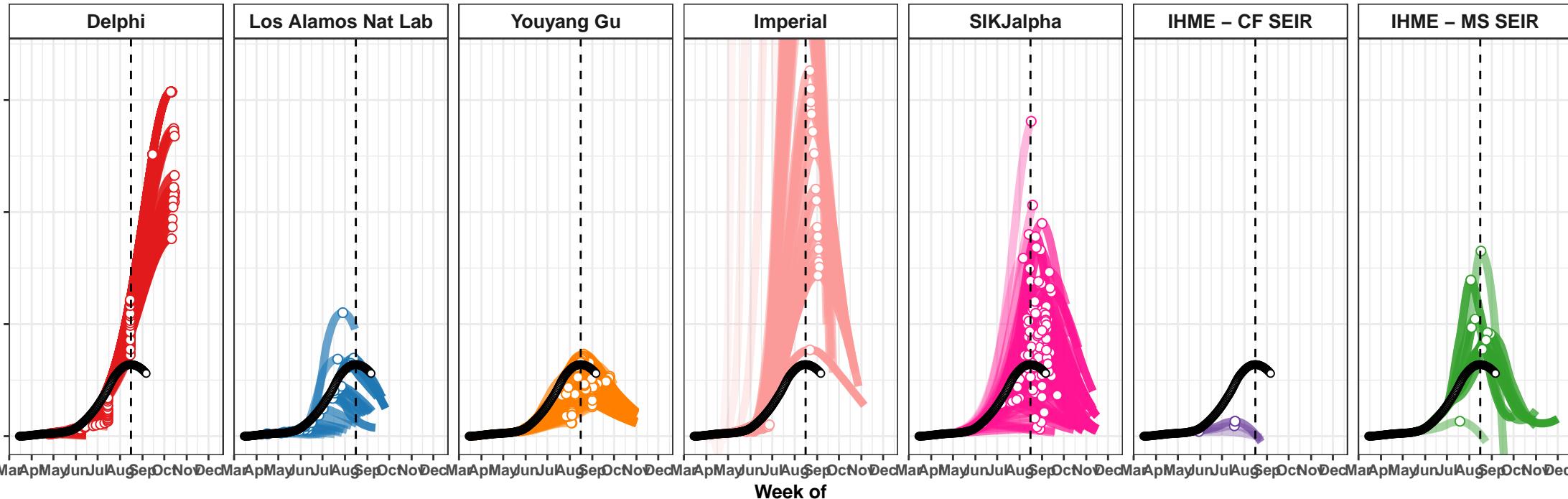


Week of

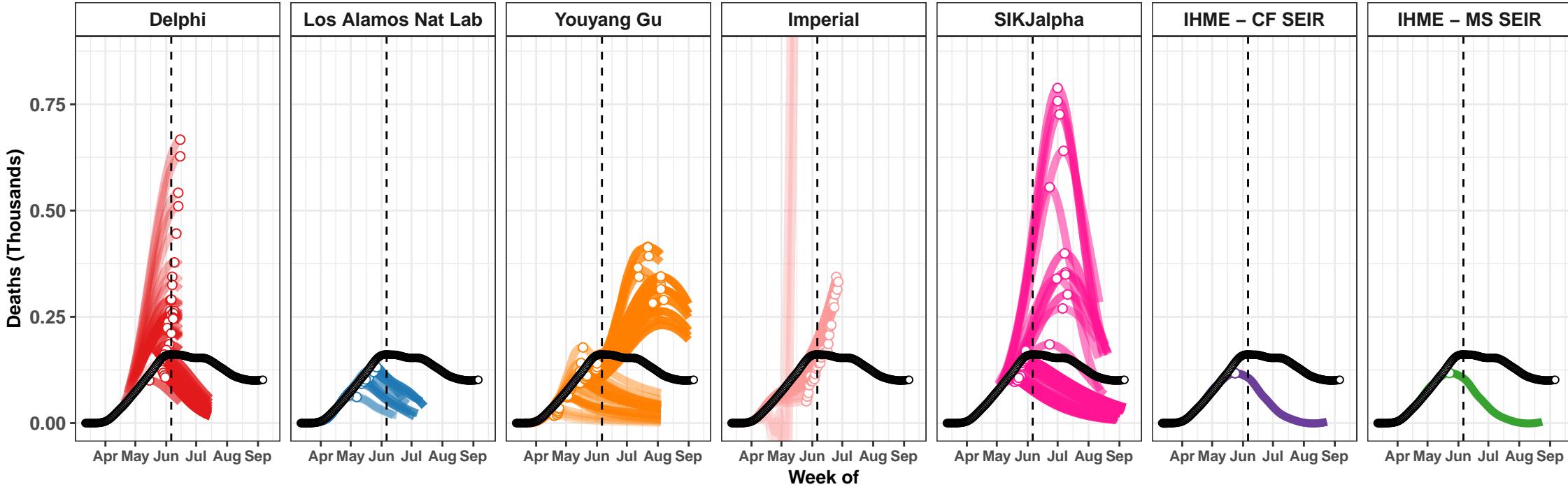


Actual and Predicted Peak

## Colombia – Smoothed Daily Deaths

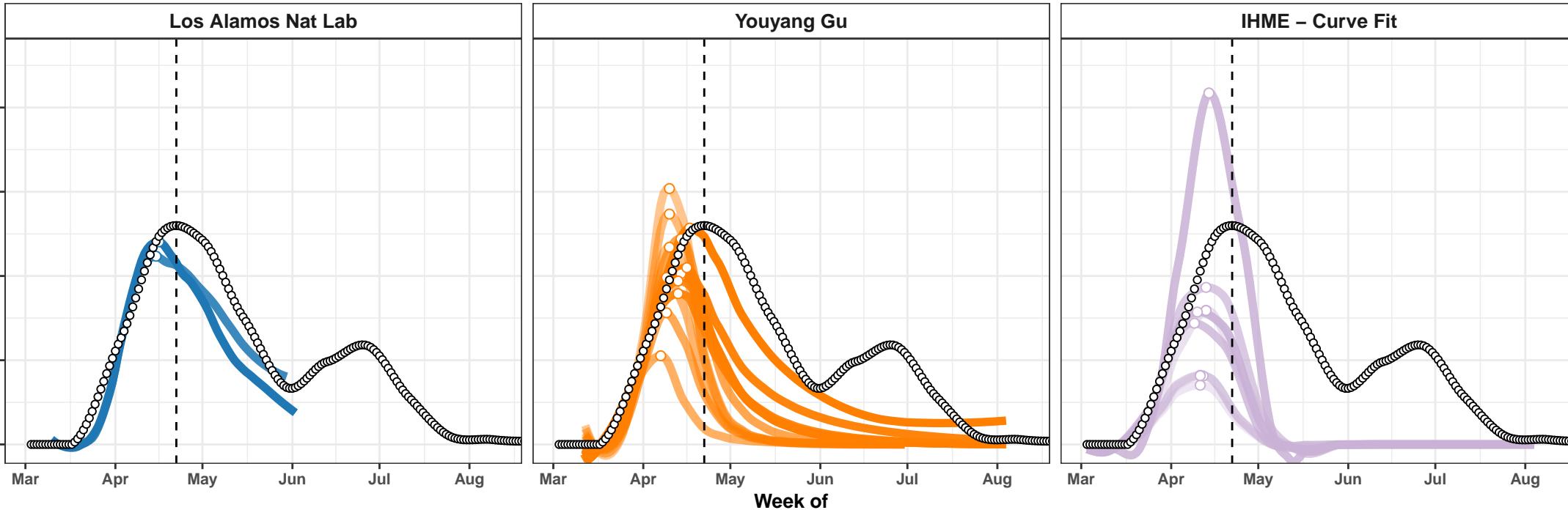


## Russian Federation – Smoothed Daily Deaths



Actual and Predicted Peak

## New Jersey – Smoothed Daily Deaths

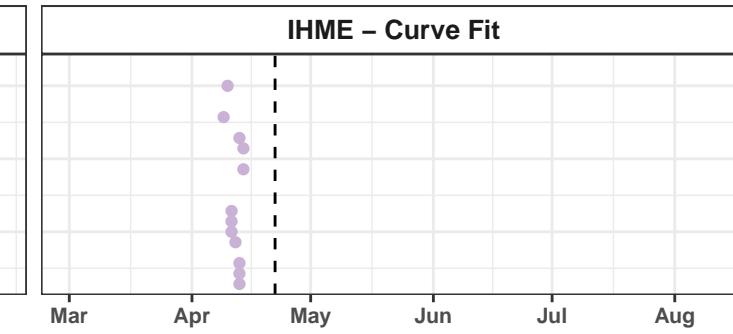
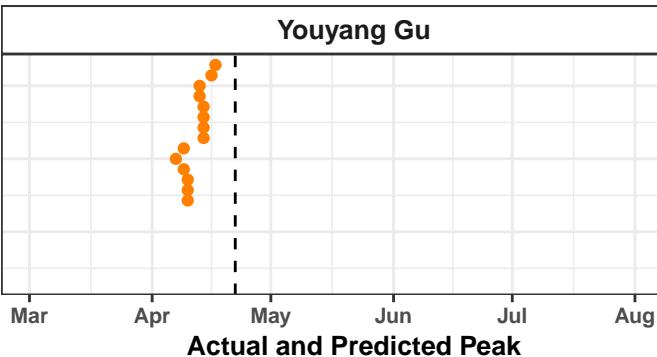
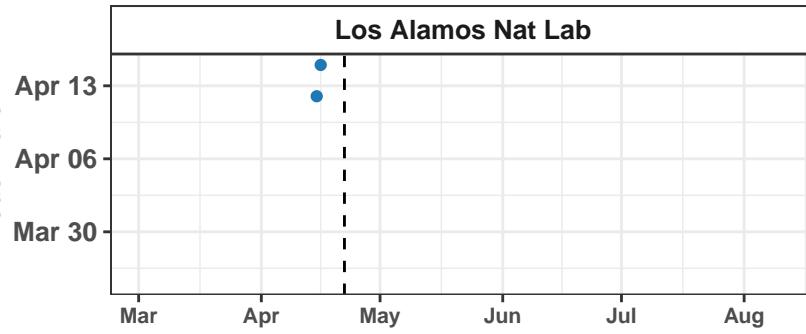


Los Alamos Nat Lab

Youyang Gu

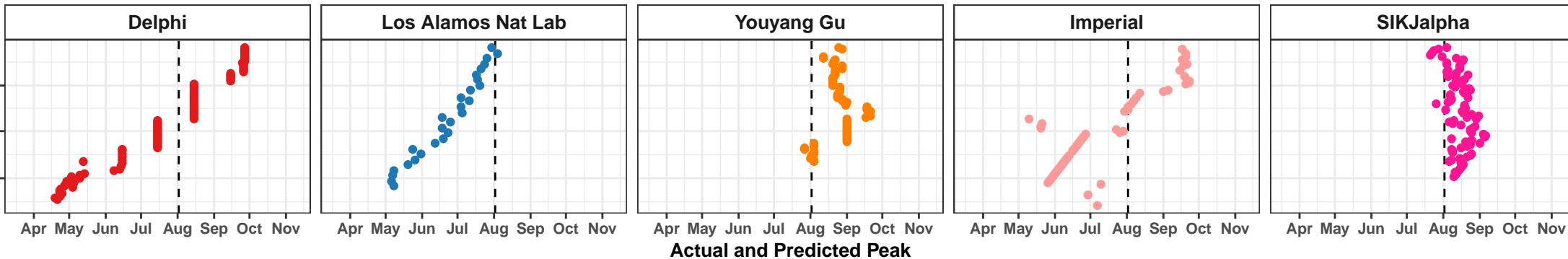
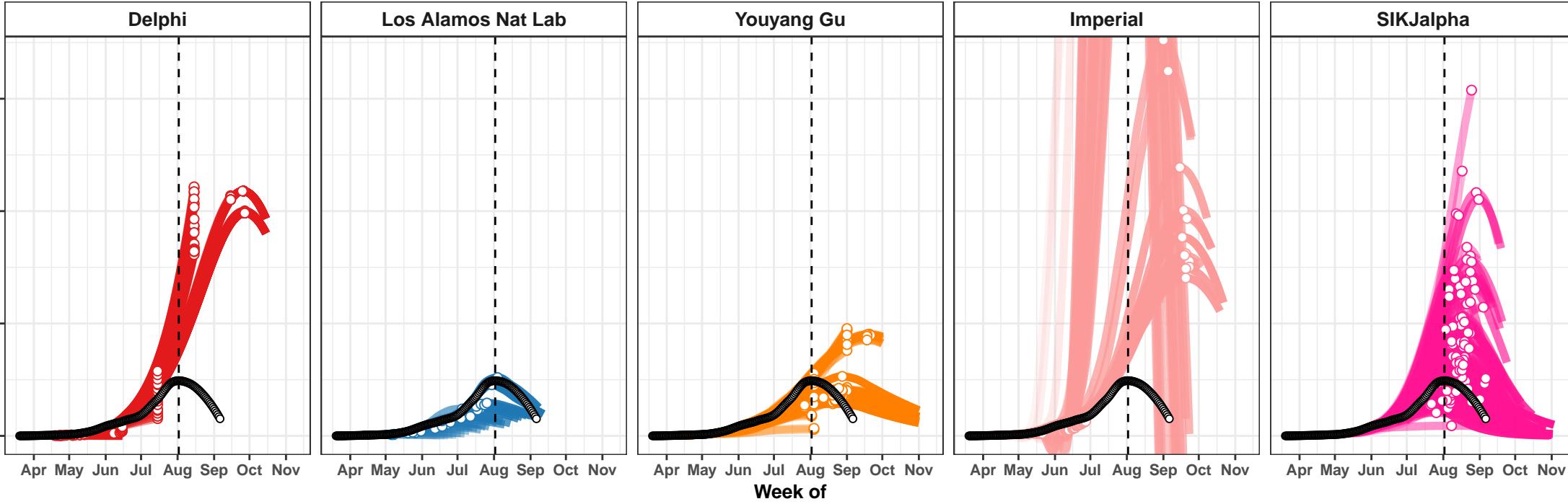
IHME – Curve Fit

Model Date

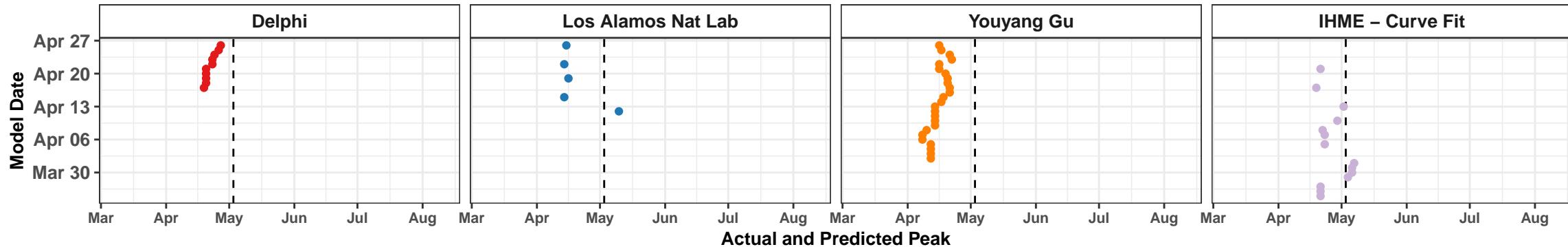
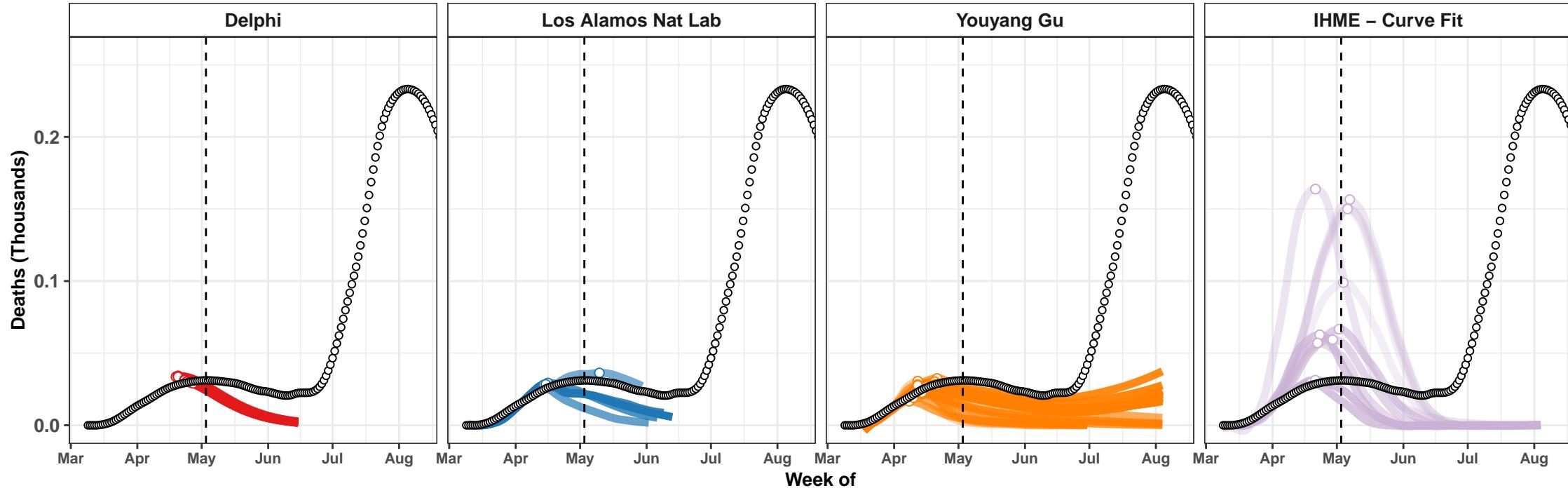


Actual and Predicted Peak

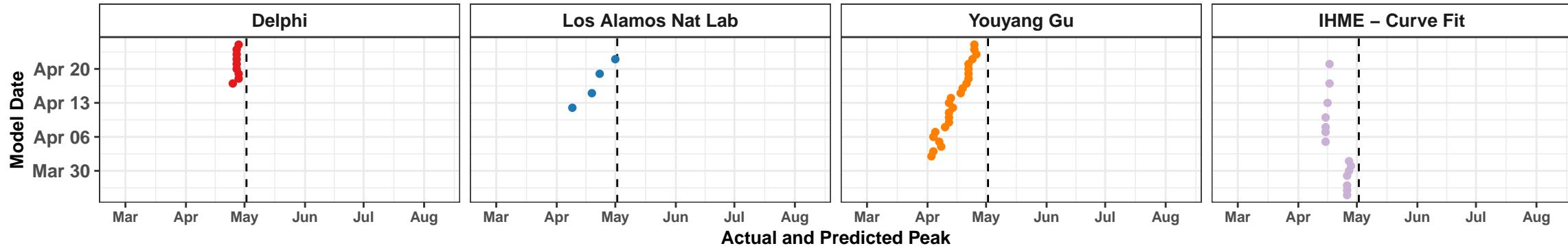
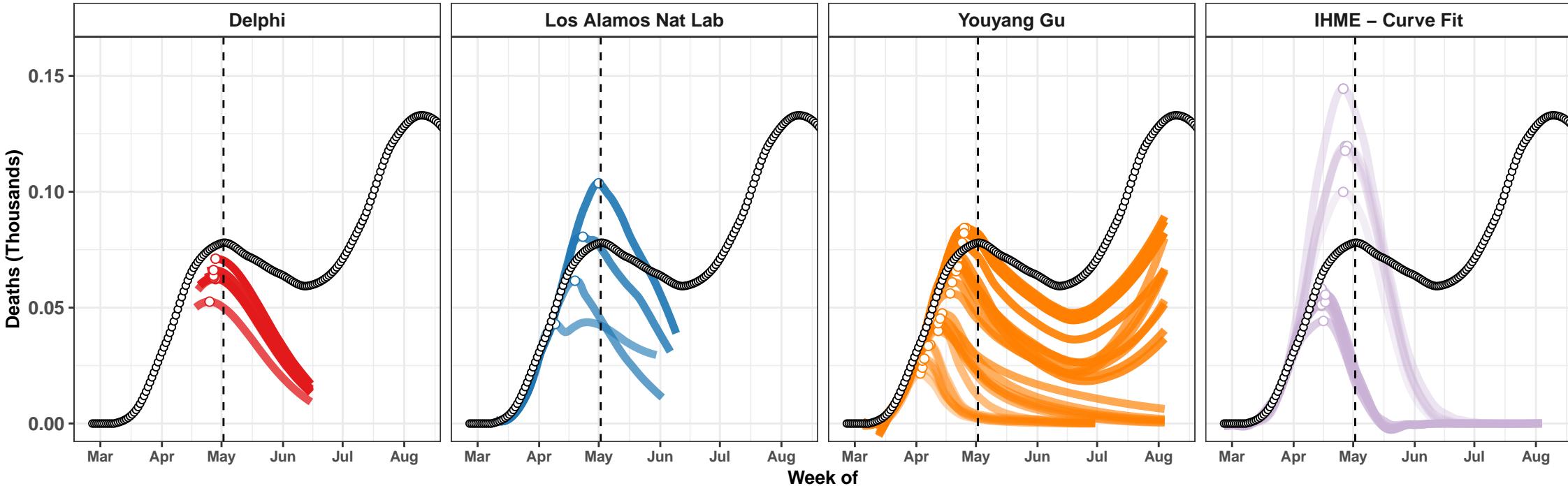
## South Africa – Smoothed Daily Deaths



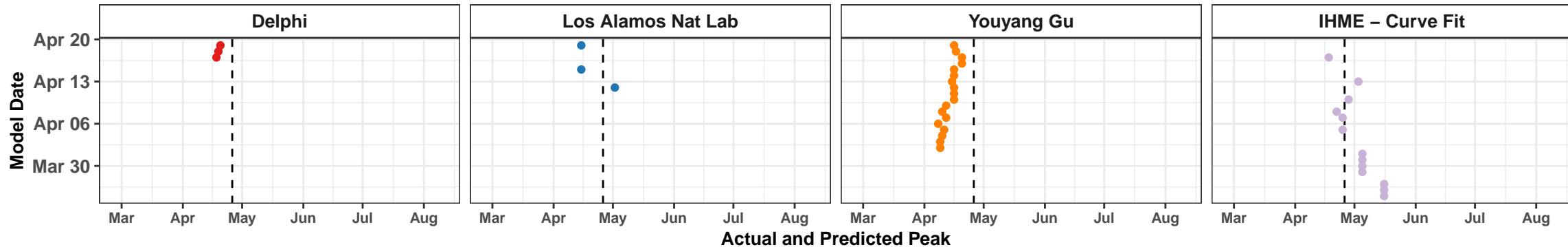
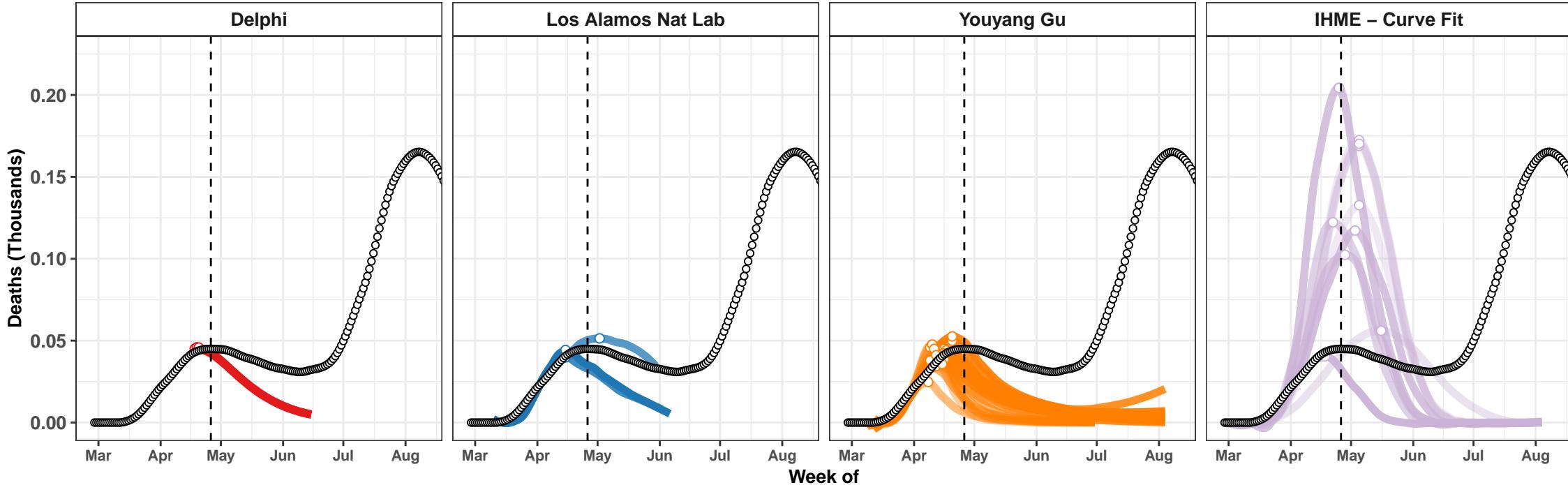
## Texas – Smoothed Daily Deaths



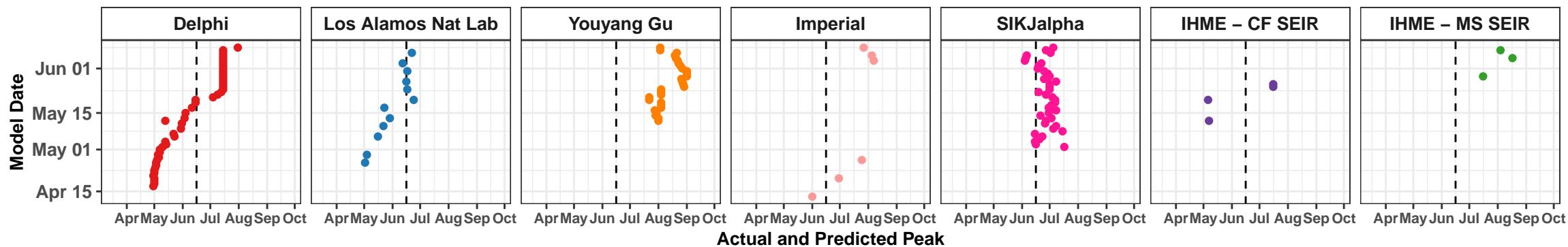
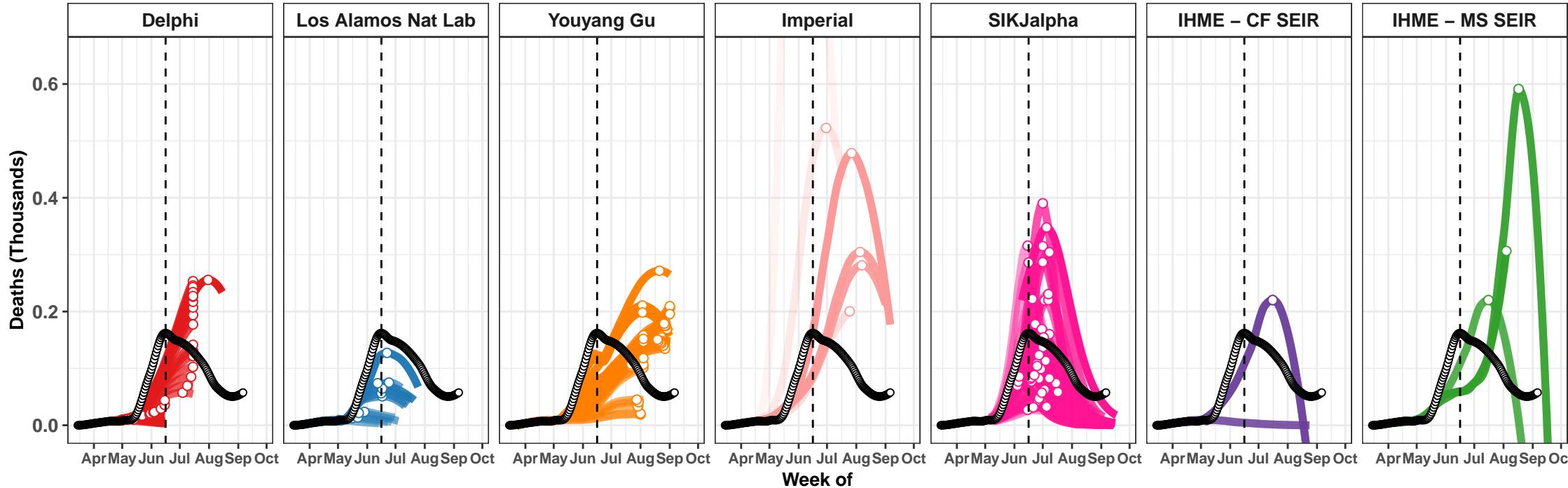
## California – Smoothed Daily Deaths



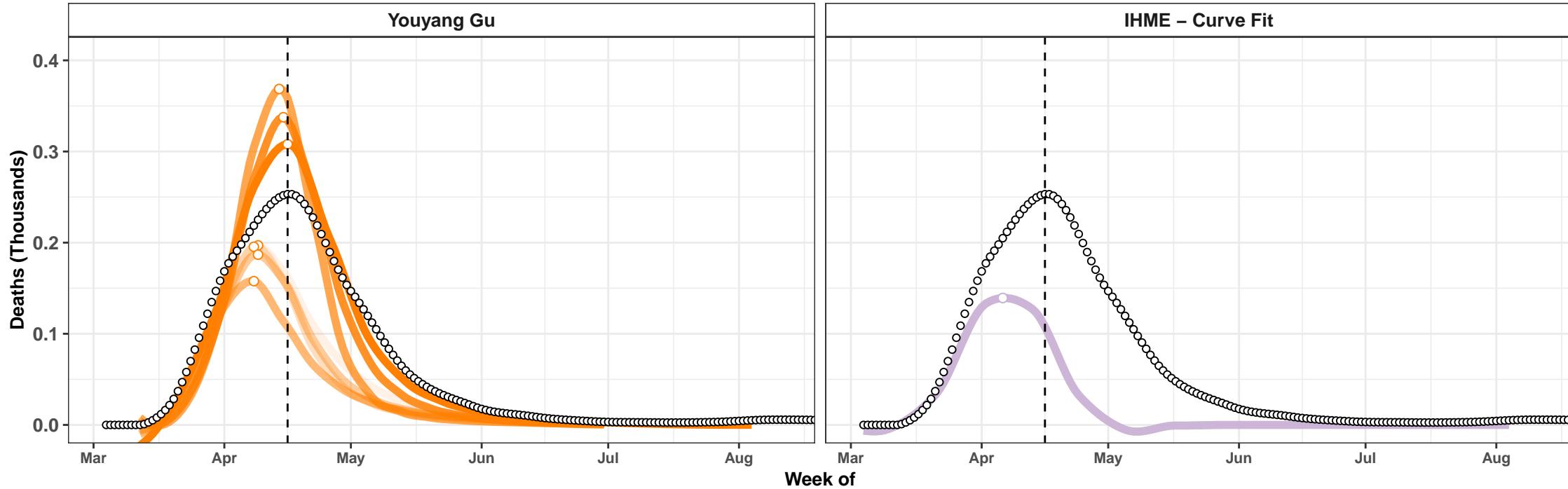
## Florida – Smoothed Daily Deaths



## Chile – Smoothed Daily Deaths



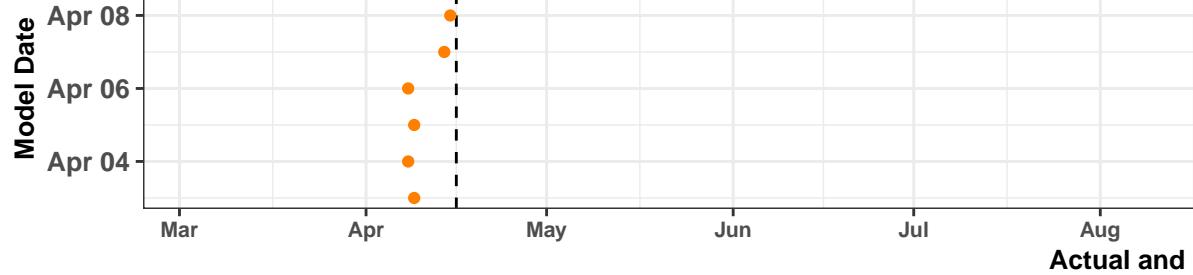
## Belgium – Smoothed Daily Deaths



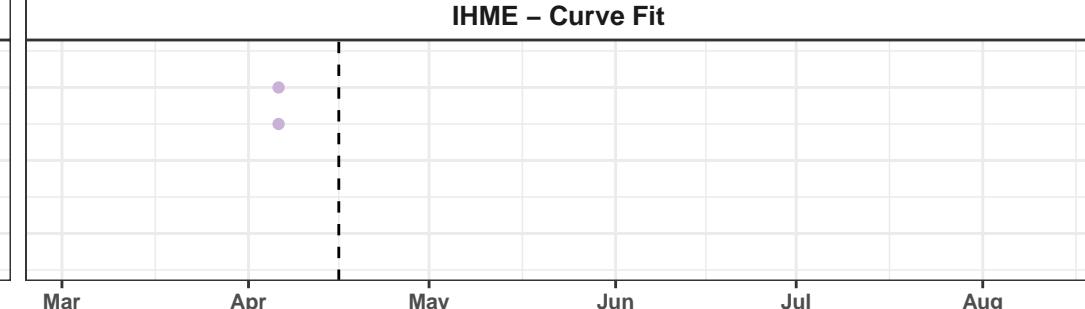
Youyang Gu

IHME – Curve Fit

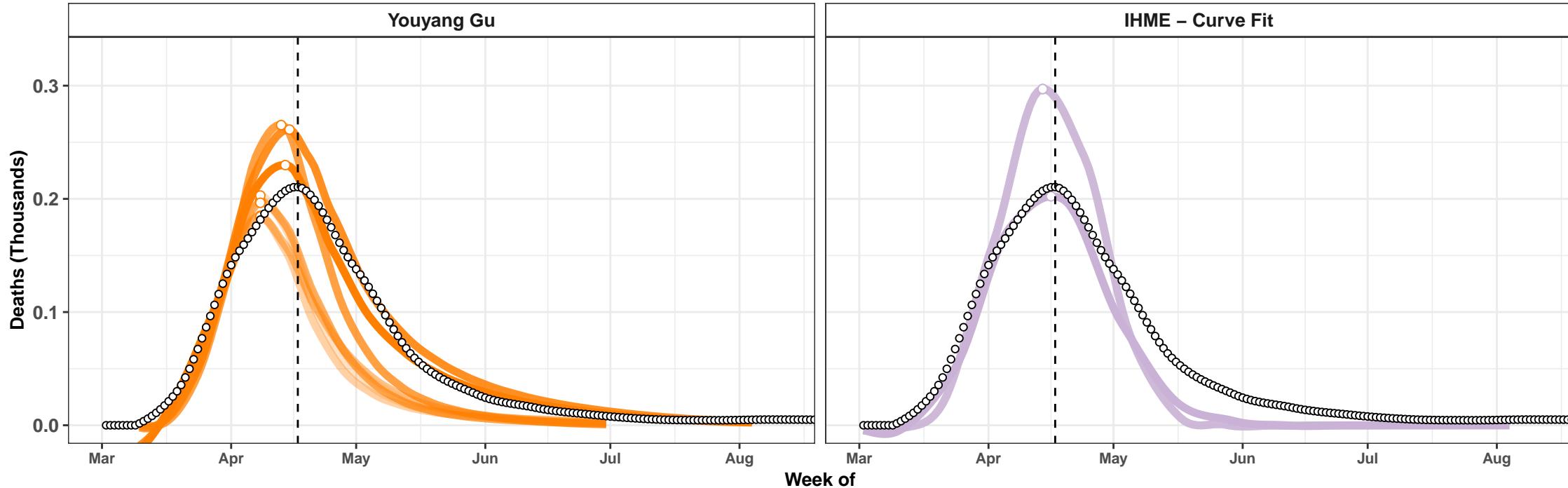
Model Date



Actual and Predicted Peak



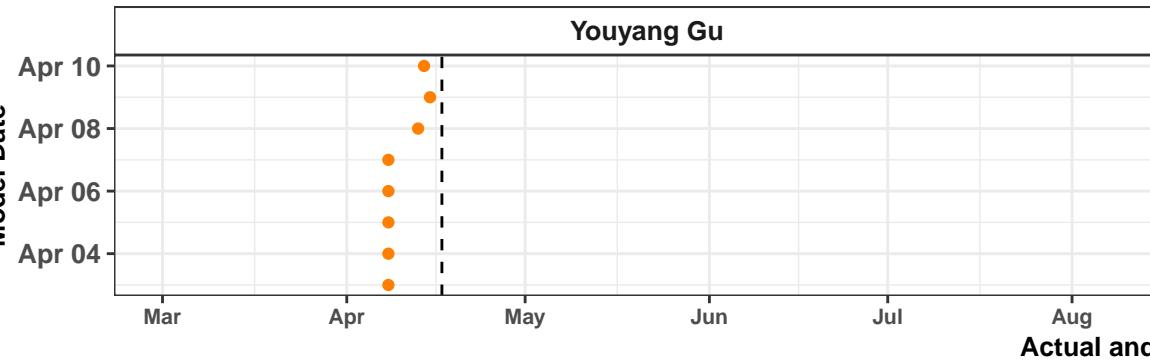
## Germany – Smoothed Daily Deaths



Youyang Gu

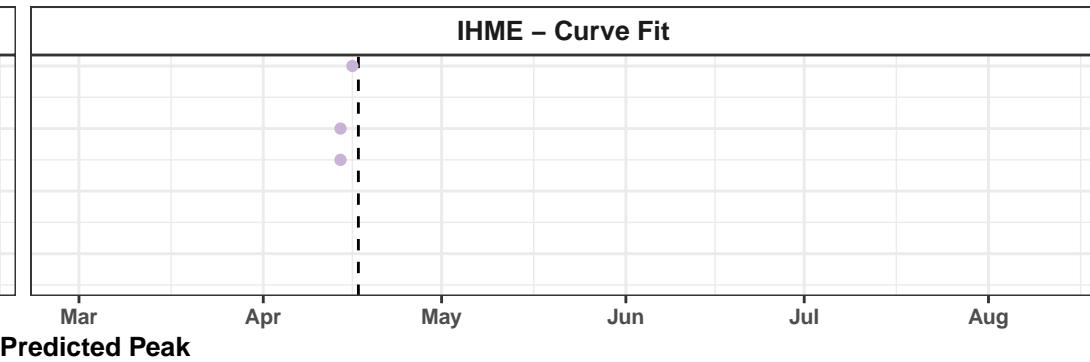
IHME – Curve Fit

Model Date

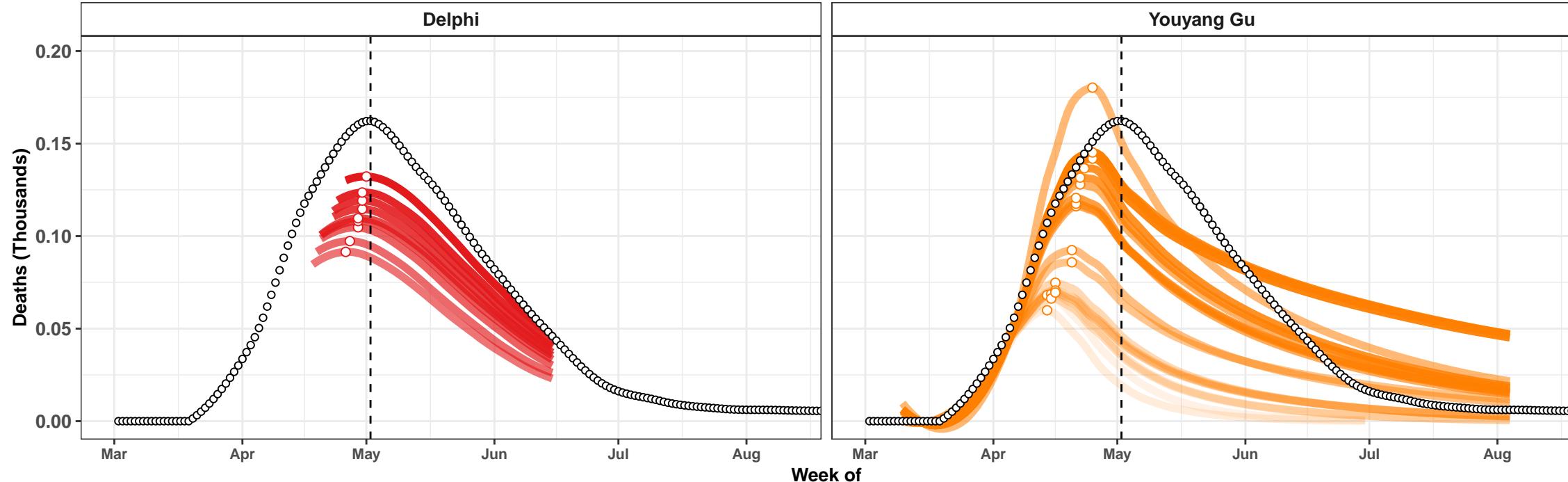


Actual and Predicted Peak

Actual and Predicted Peak



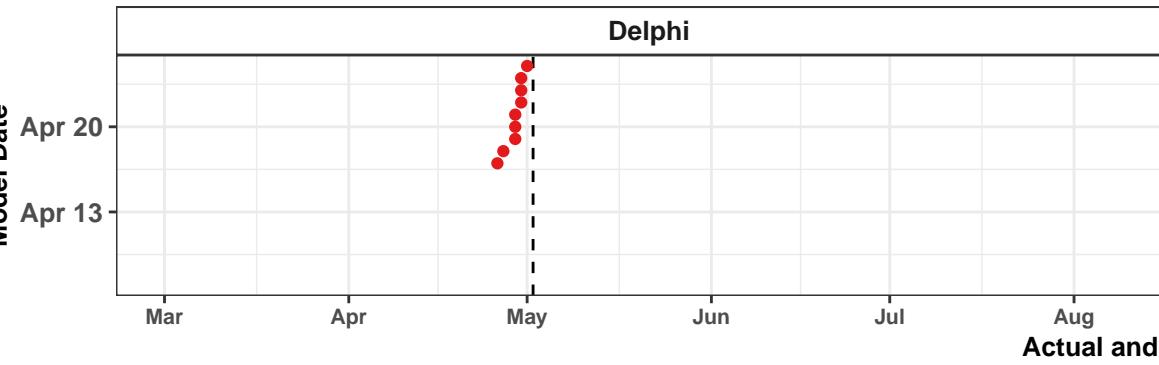
## Canada – Smoothed Daily Deaths



Delphi

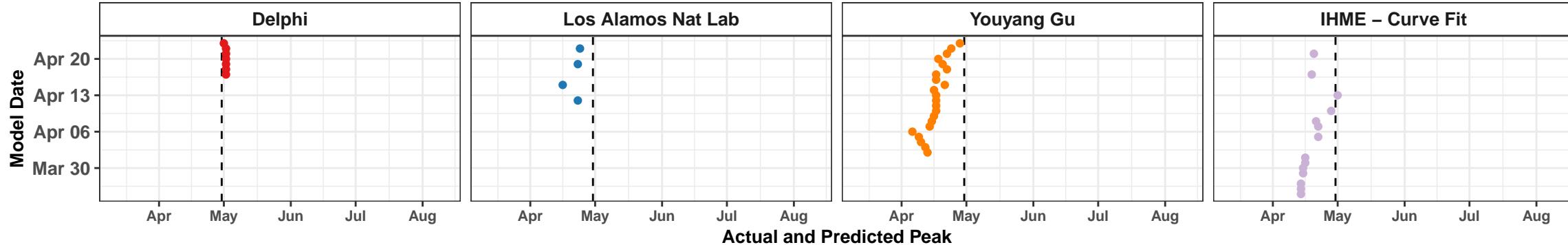
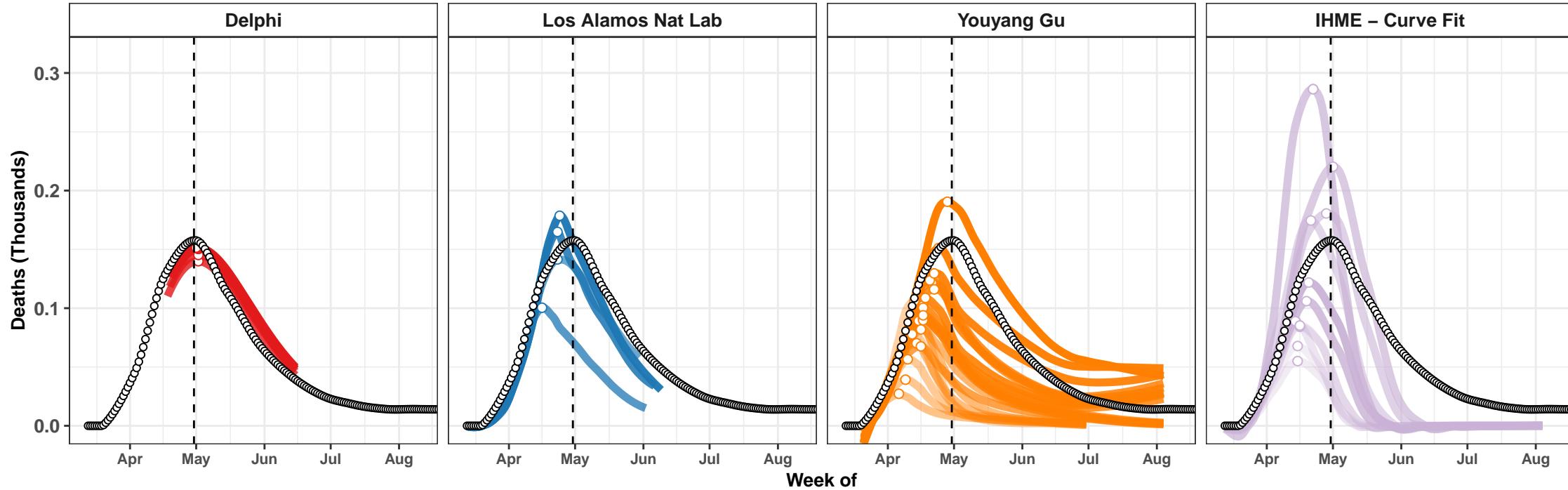
Youyang Gu

Model Date

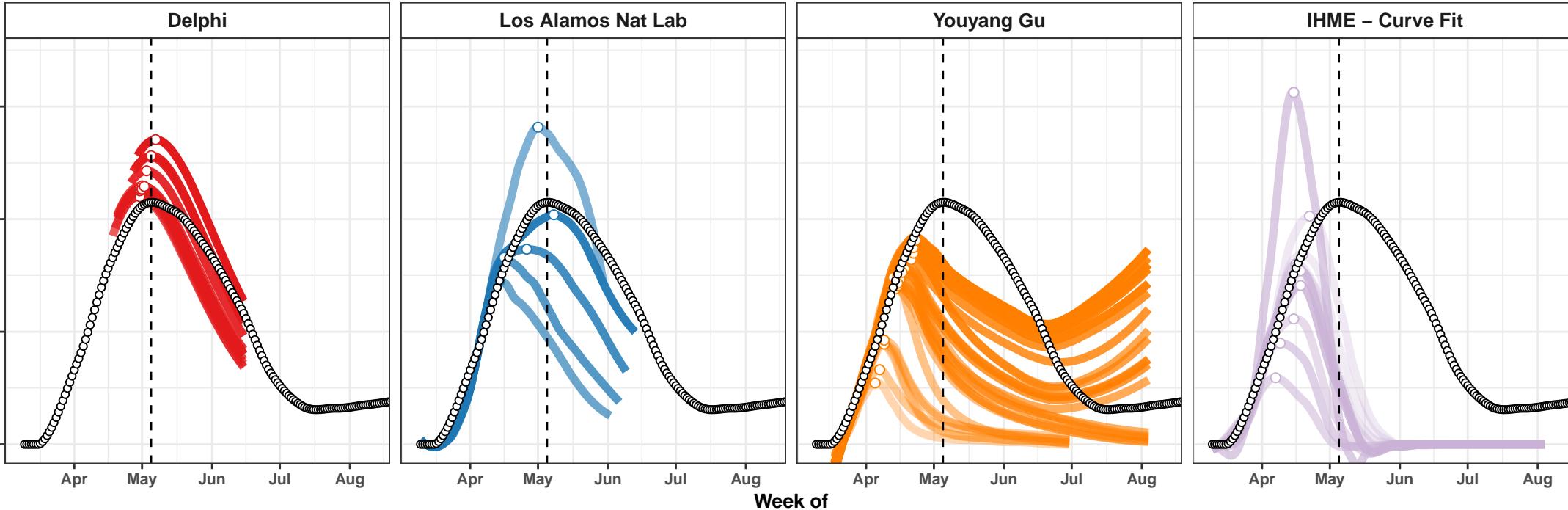


Actual and Predicted Peak

## Massachusetts – Smoothed Daily Deaths



## Illinois – Smoothed Daily Deaths



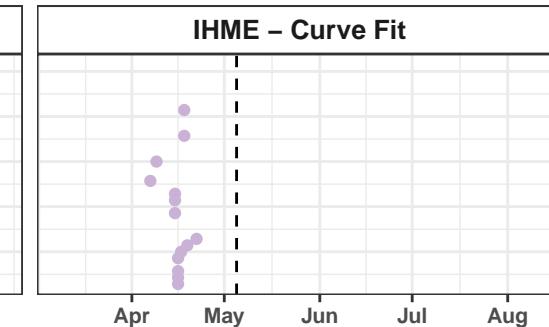
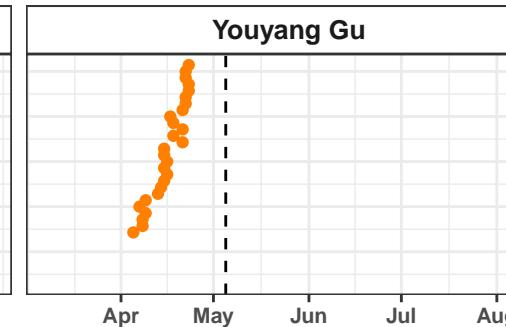
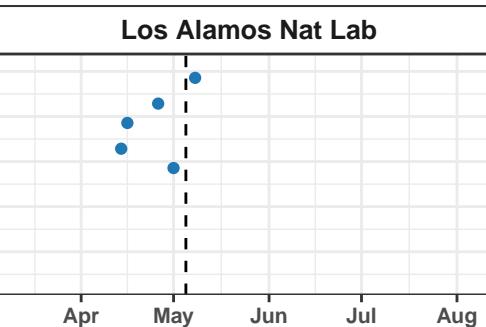
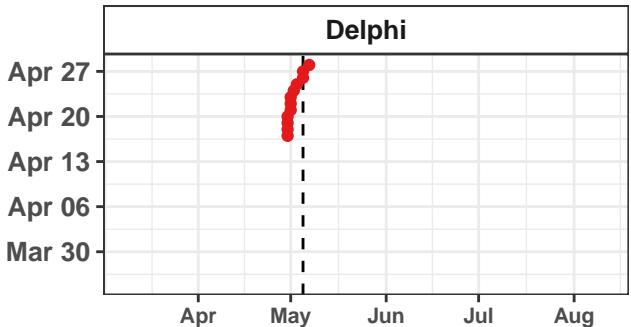
Delphi

Los Alamos Nat Lab

Youyang Gu

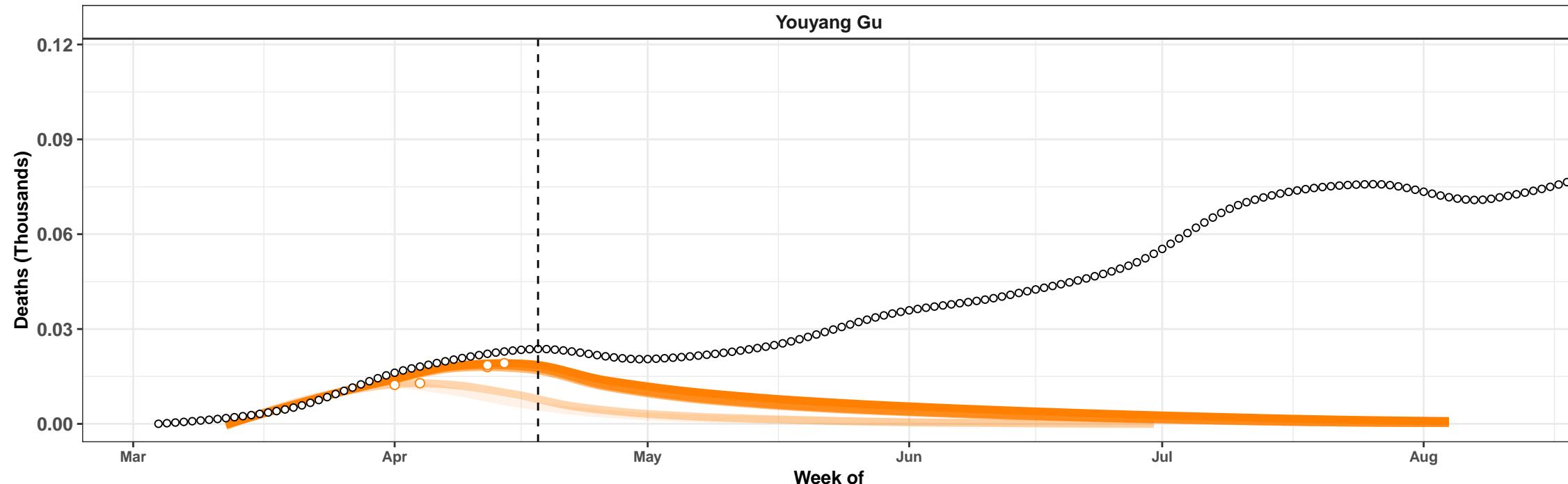
IHME – Curve Fit

Model Date

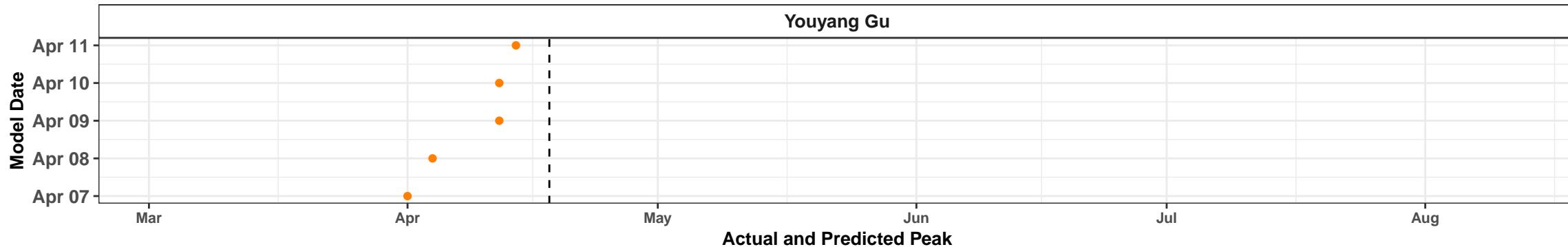


Actual and Predicted Peak

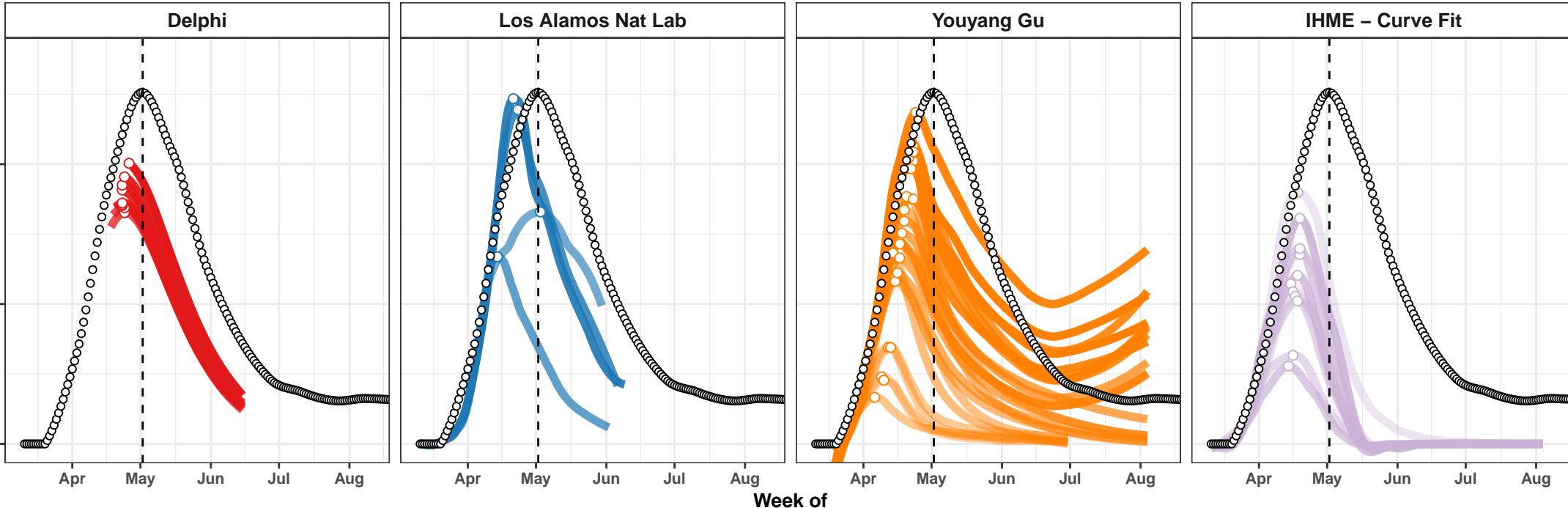
## Indonesia – Smoothed Daily Deaths



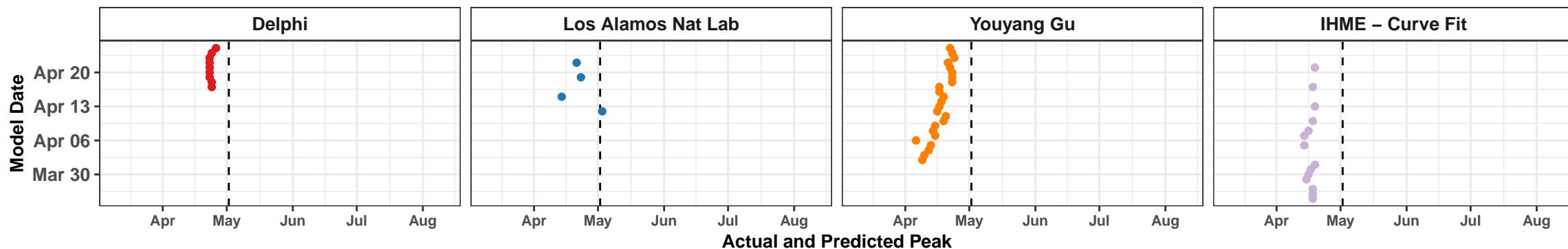
Youyang Gu



## Pennsylvania – Smoothed Daily Deaths

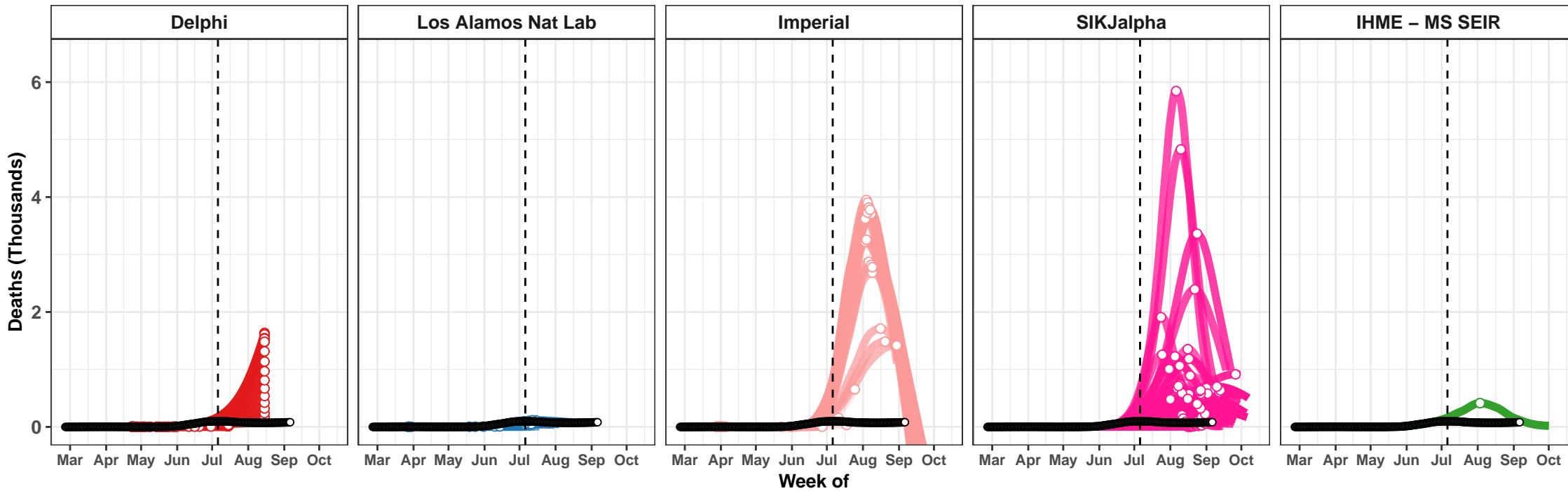


Week of

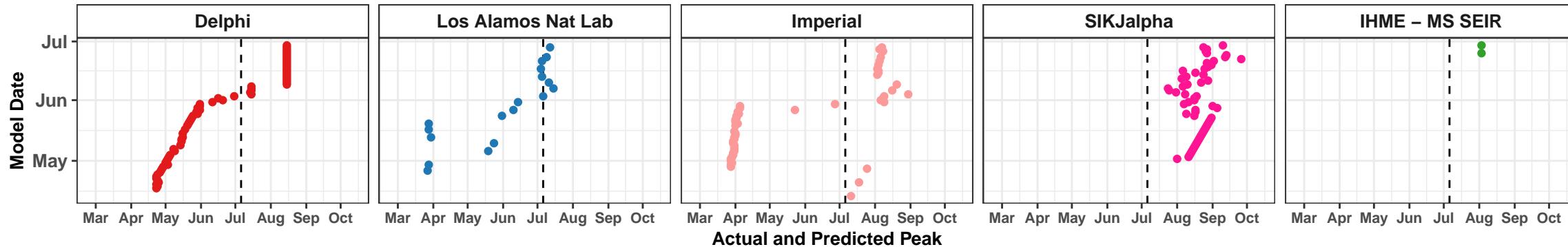


Actual and Predicted Peak

## Iraq – Smoothed Daily Deaths

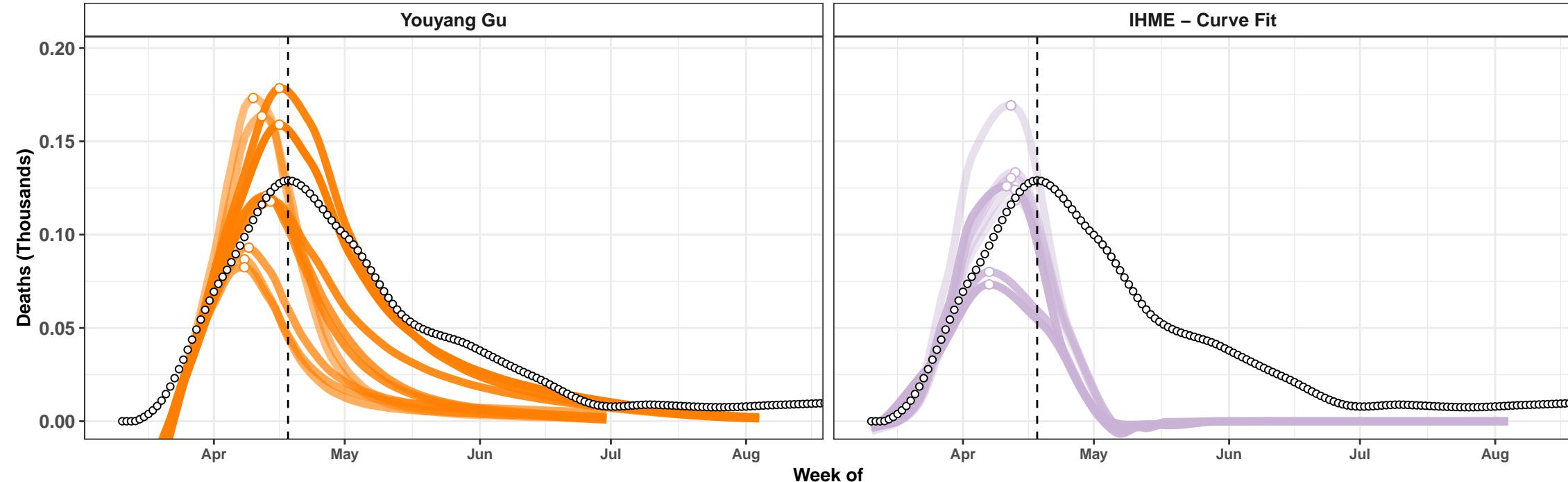


Week of



Actual and Predicted Peak

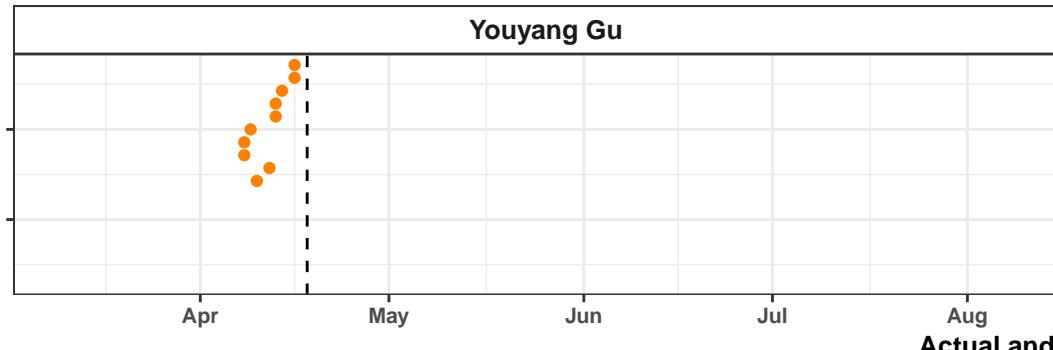
## Michigan – Smoothed Daily Deaths



Youyang Gu

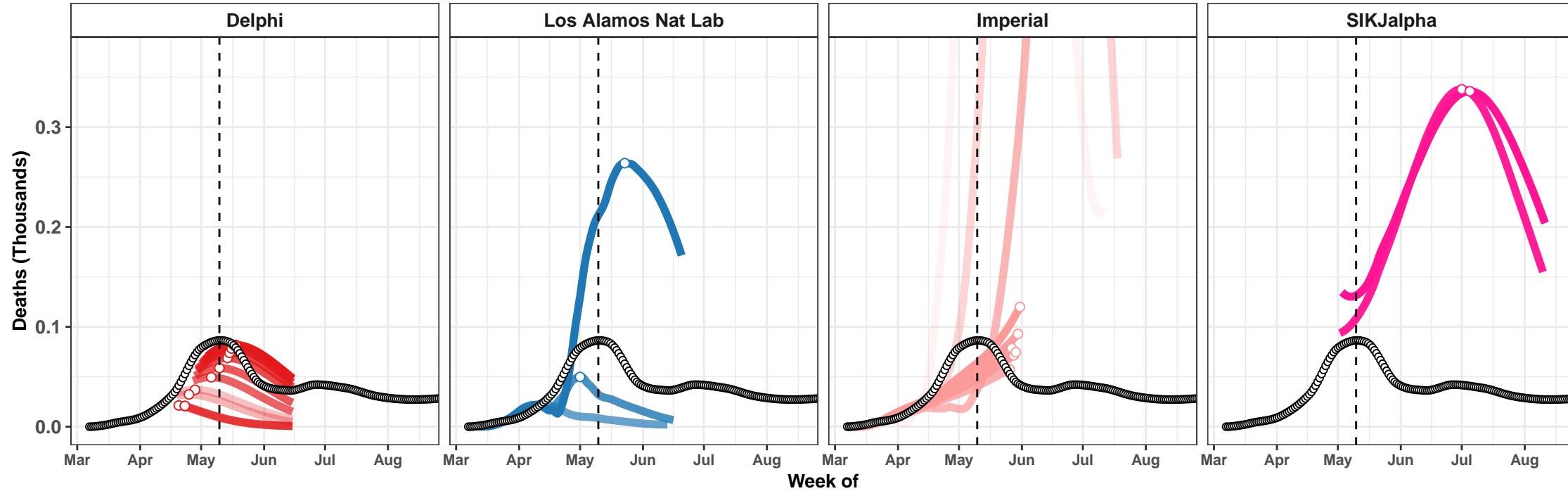
IHME – Curve Fit

Model Date

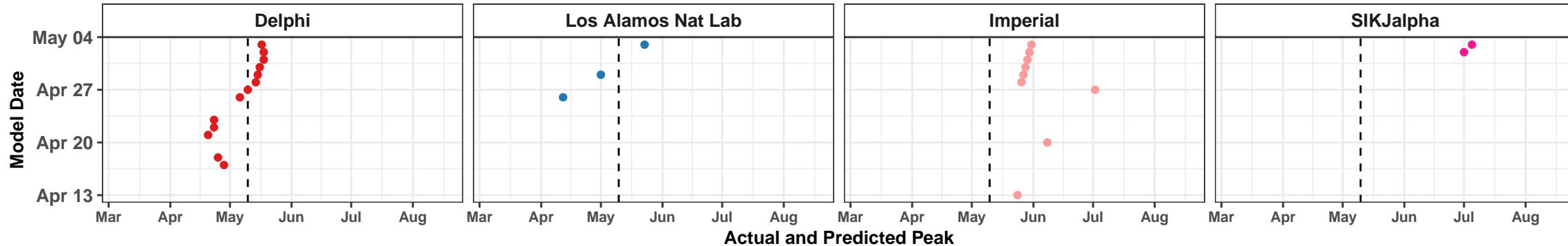


Actual and Predicted Peak

## Ecuador – Smoothed Daily Deaths



Week of

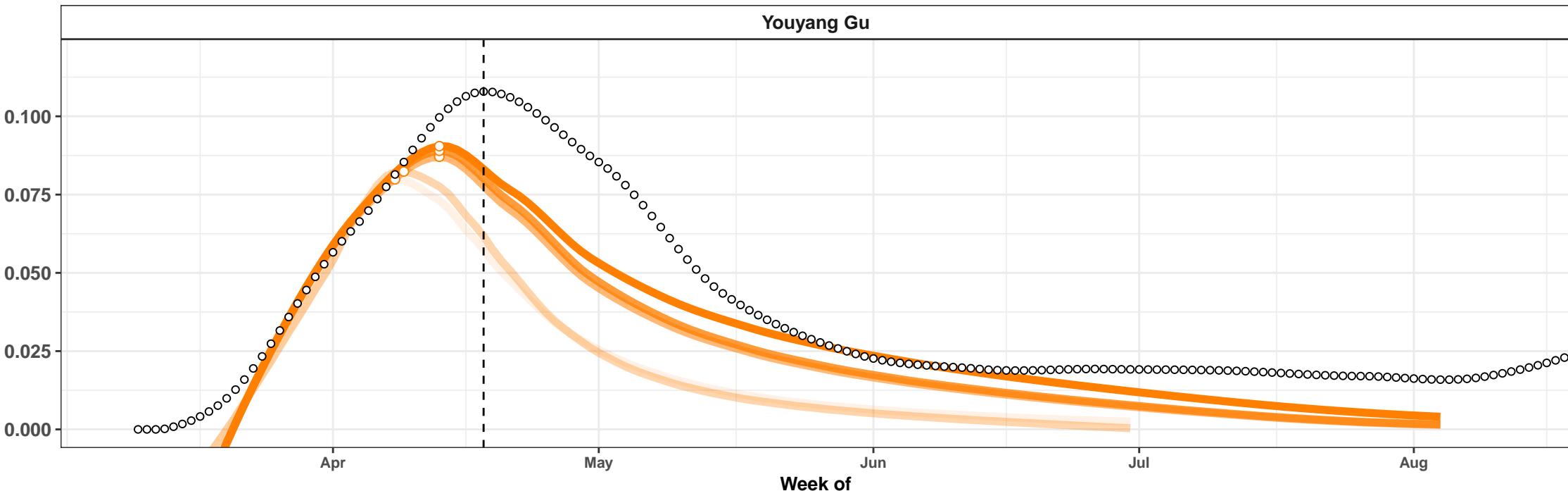


Actual and Predicted Peak

## Turkey – Smoothed Daily Deaths

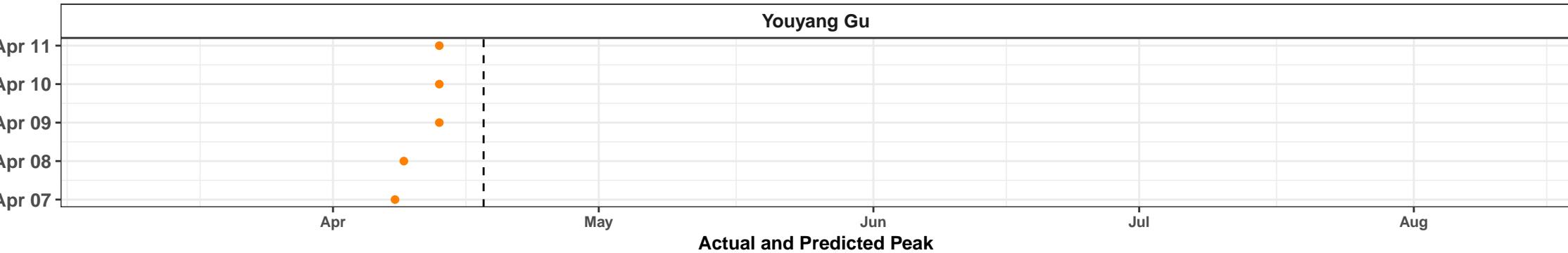
Youyang Gu

Deaths (Thousands)



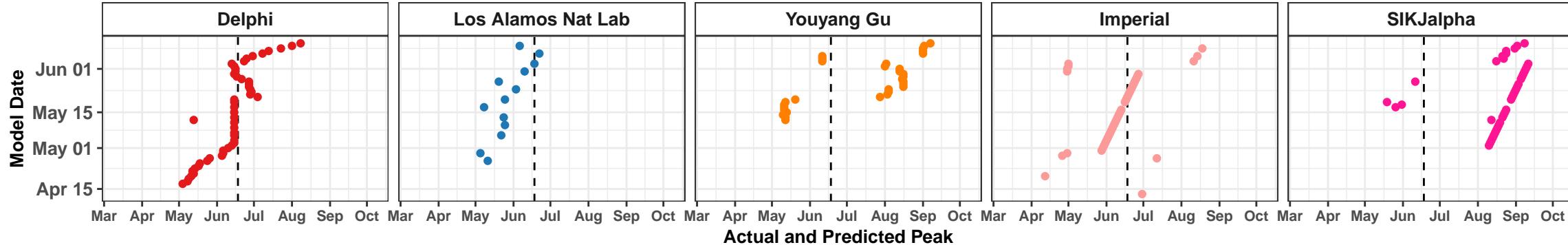
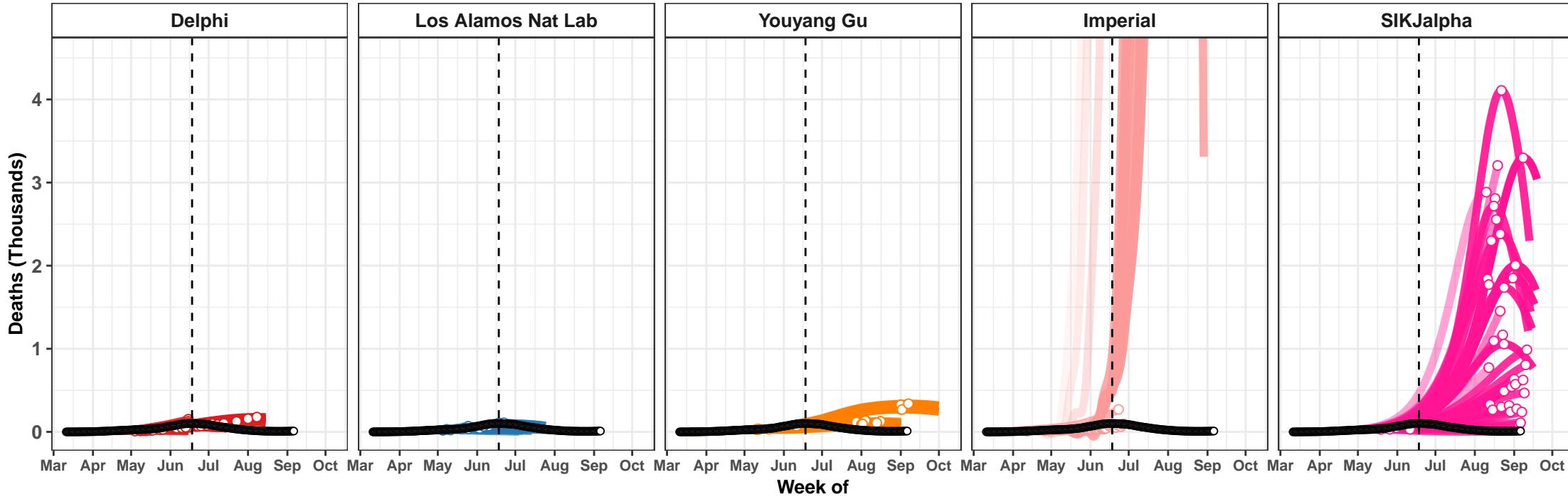
Youyang Gu

Model Date

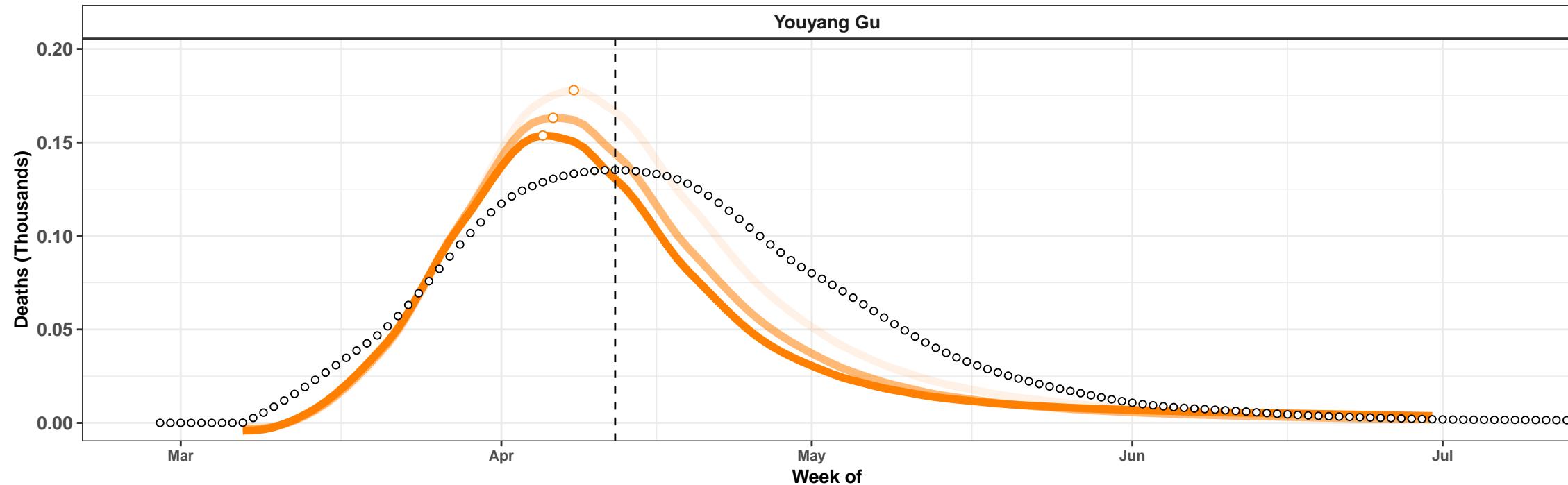


Actual and Predicted Peak

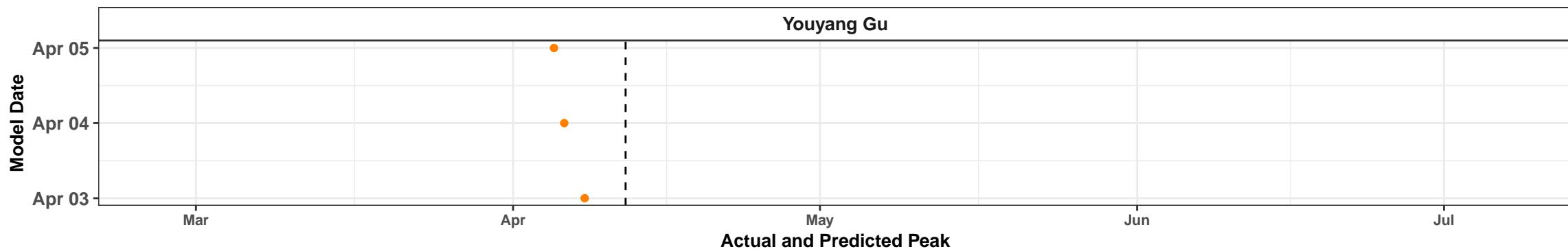
## Pakistan – Smoothed Daily Deaths



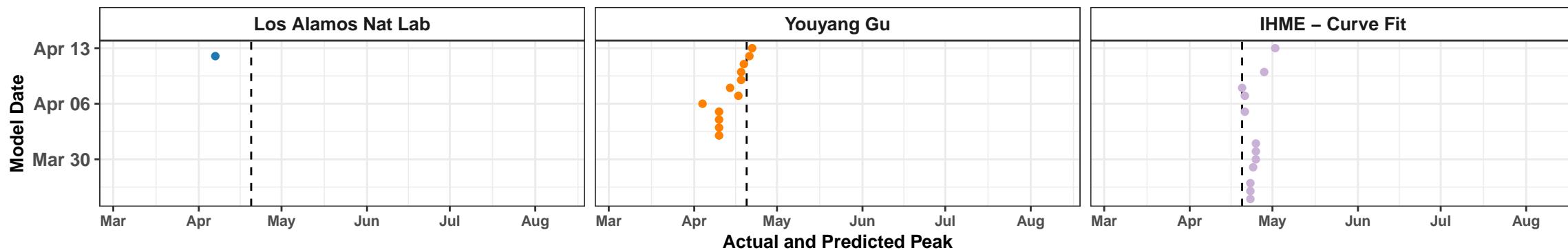
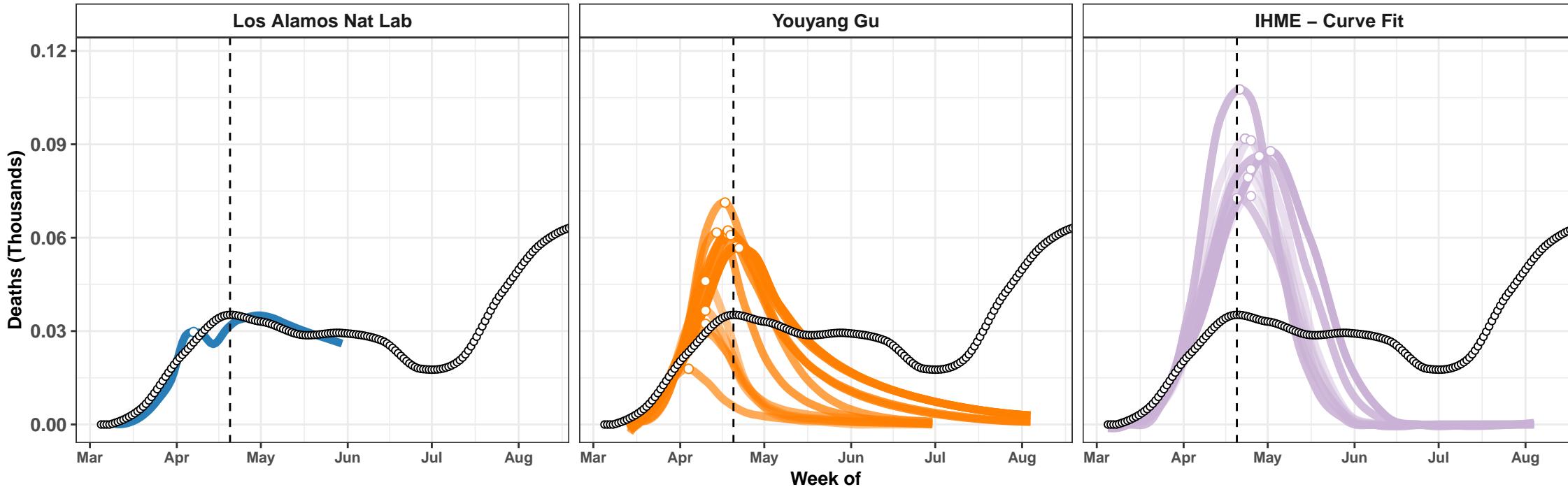
## Netherlands – Smoothed Daily Deaths



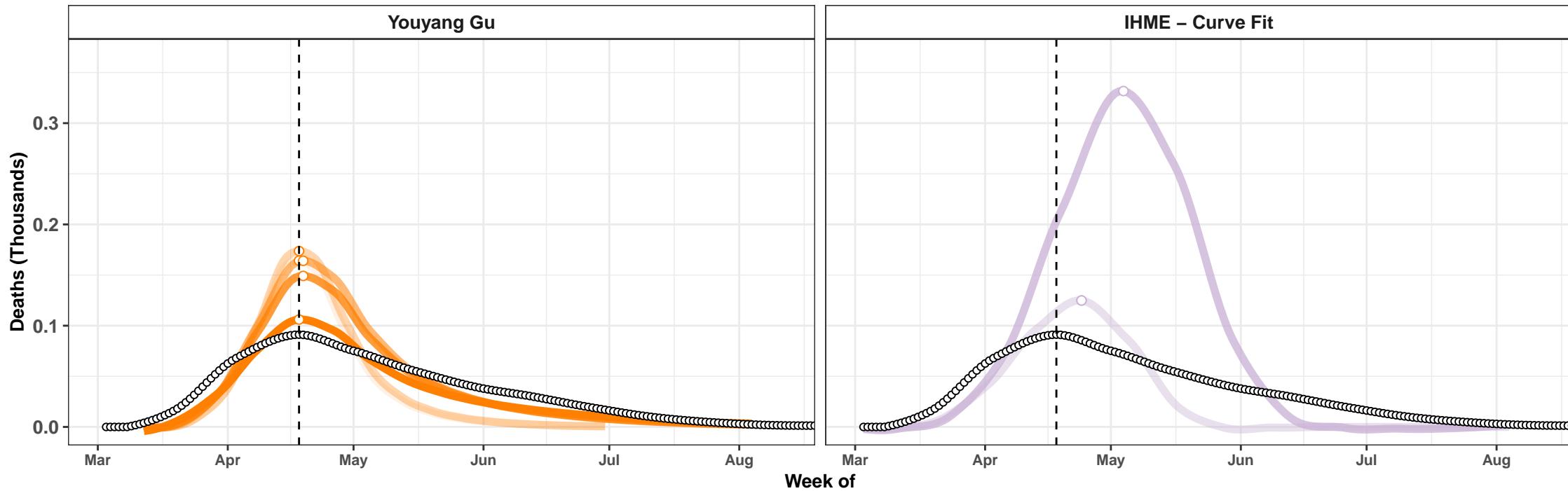
Youyang Gu



## Georgia – Smoothed Daily Deaths



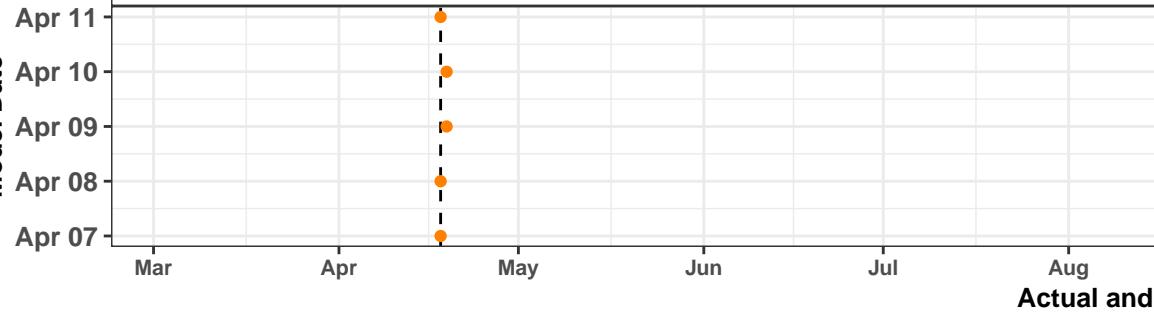
## Sweden – Smoothed Daily Deaths



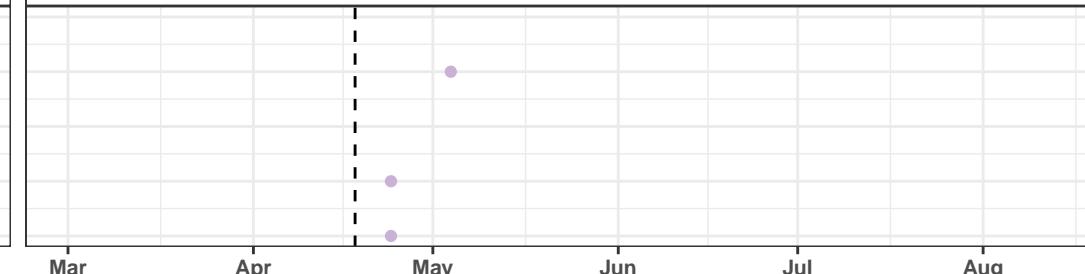
Youyang Gu

IHME – Curve Fit

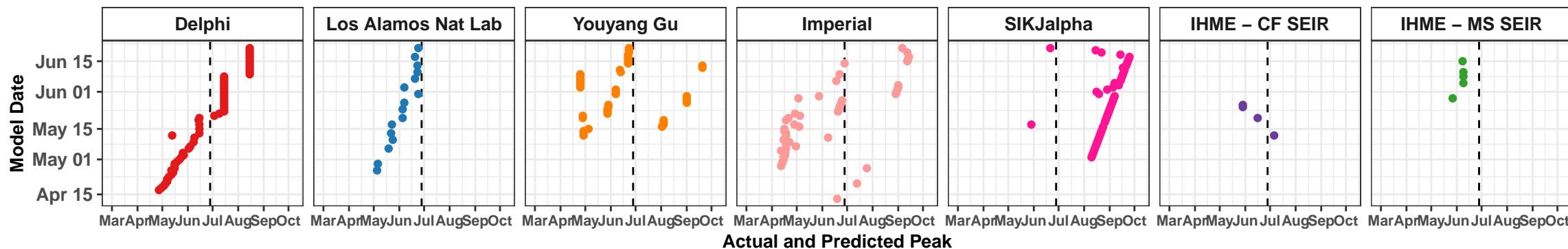
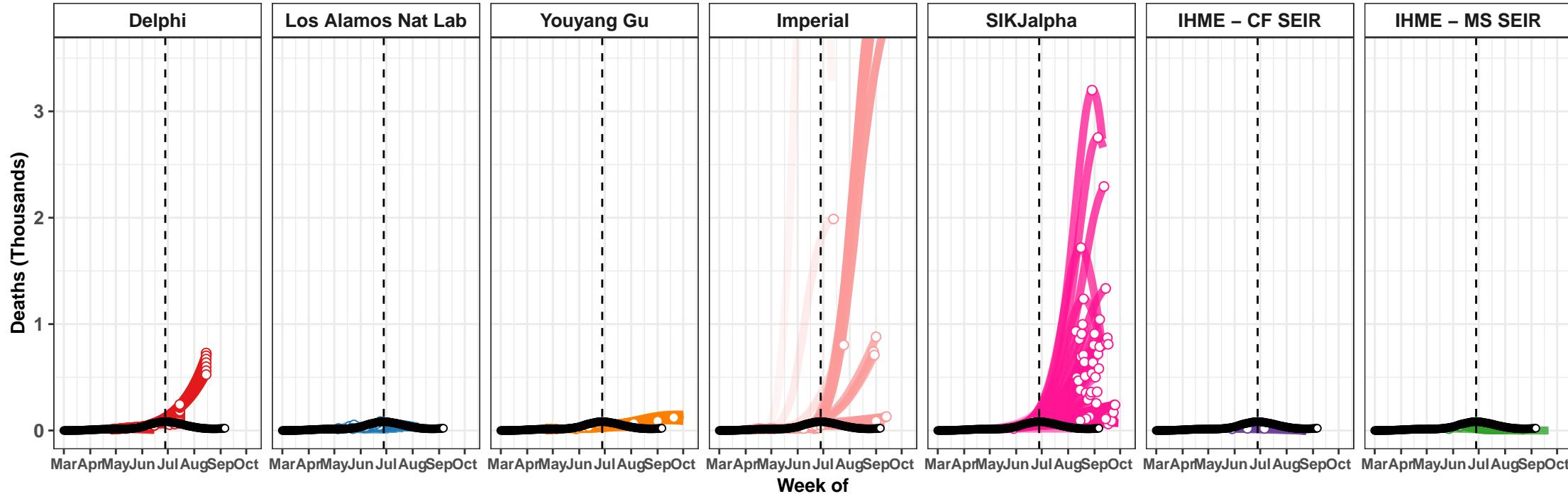
Model Date



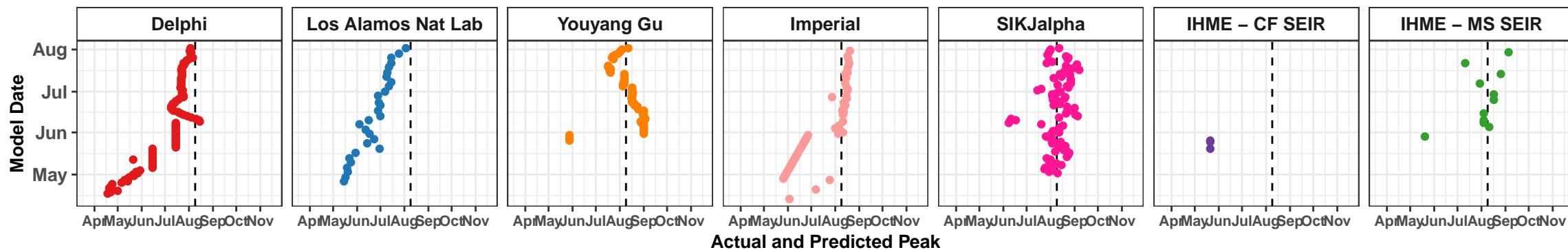
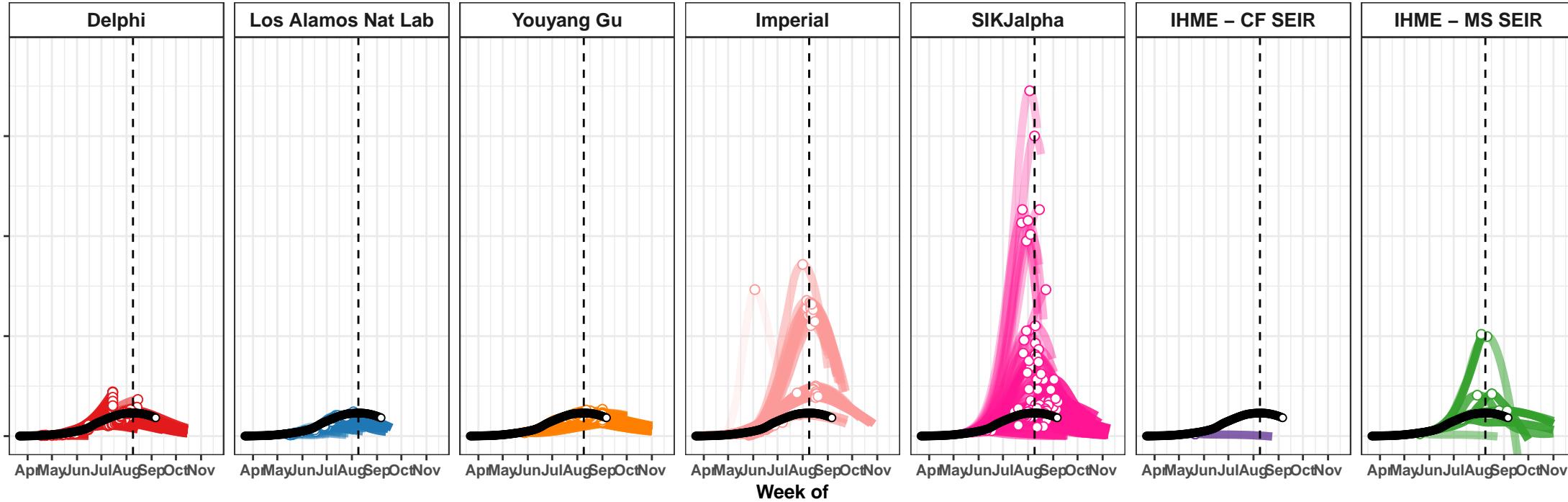
Actual and Predicted Peak



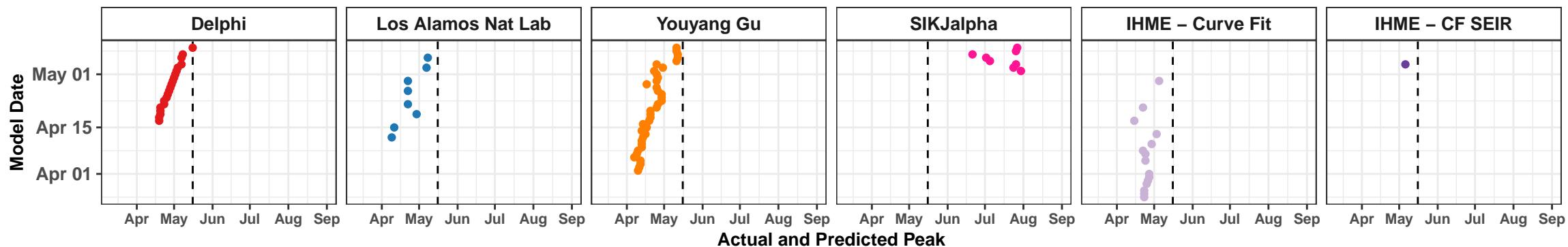
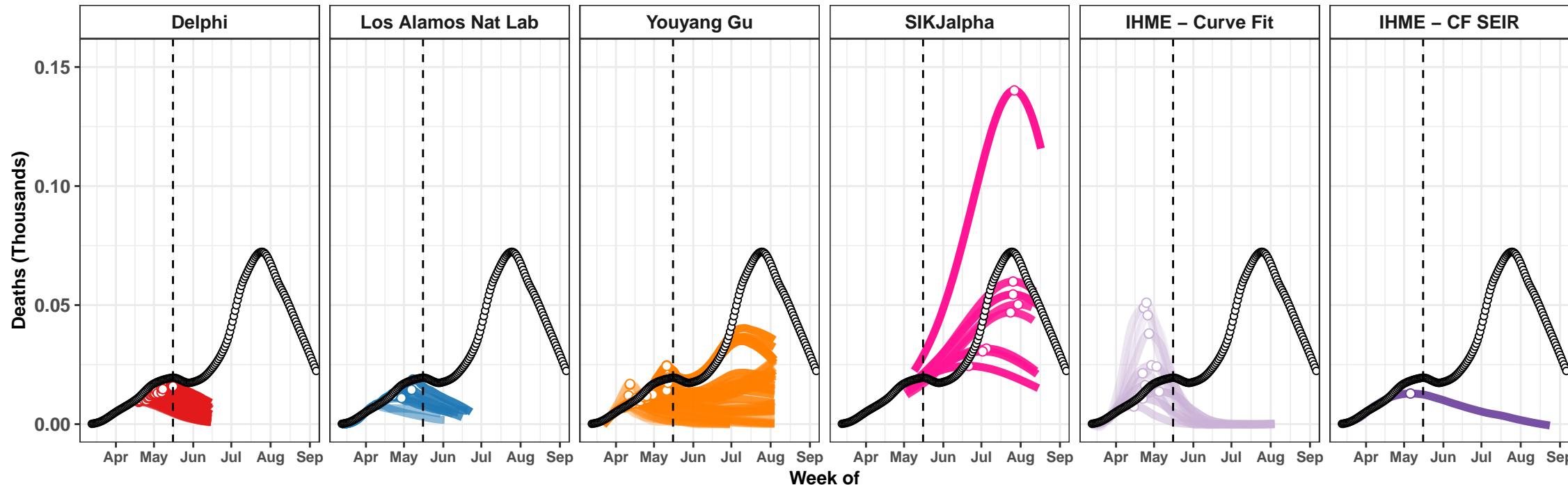
## Egypt – Smoothed Daily Deaths



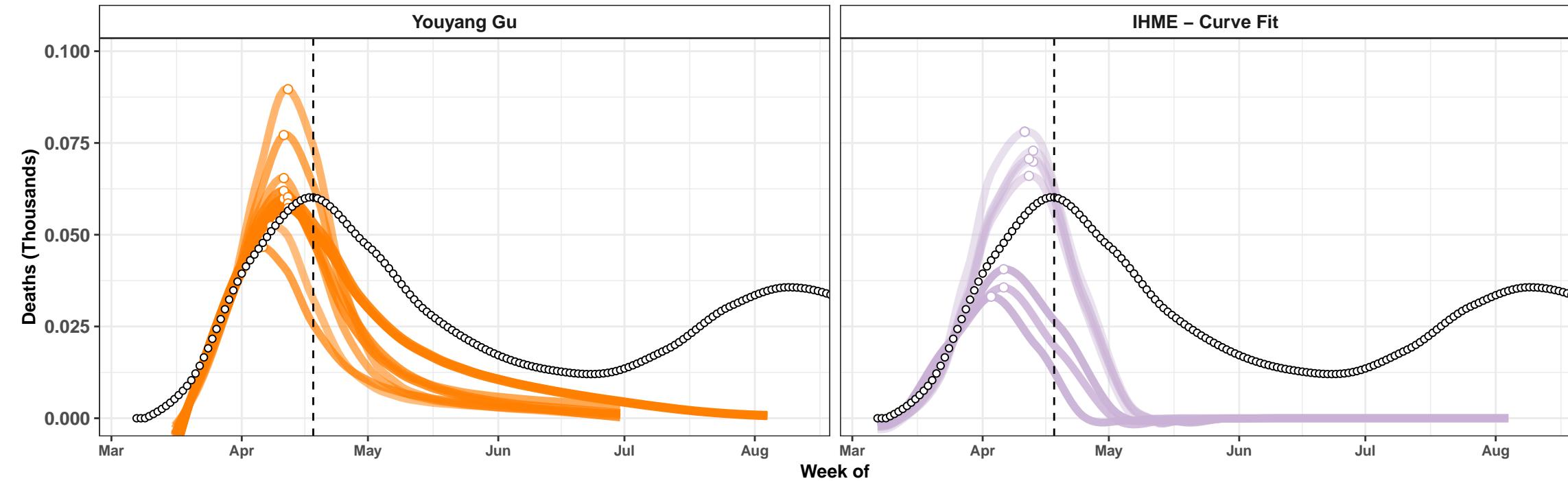
# Bolivia – Smoothed Daily Deaths



## Arizona – Smoothed Daily Deaths



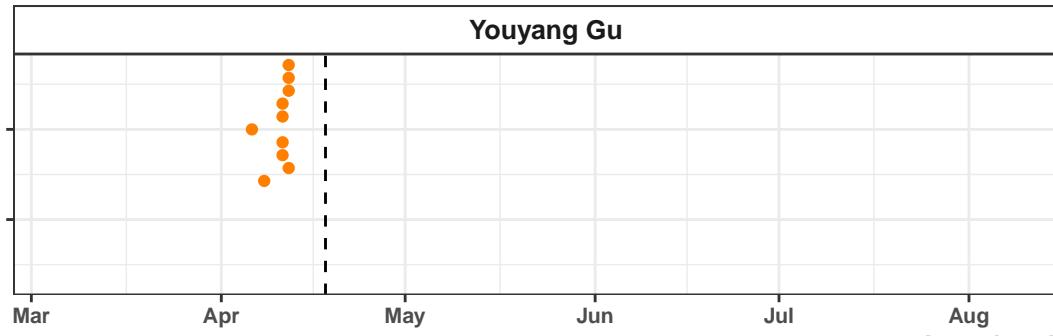
## Louisiana – Smoothed Daily Deaths



Youyang Gu

IHME – Curve Fit

Model Date



Actual and Predicted Peak

Mar

Apr

May

Jun

Jul

Aug

Mar

Apr

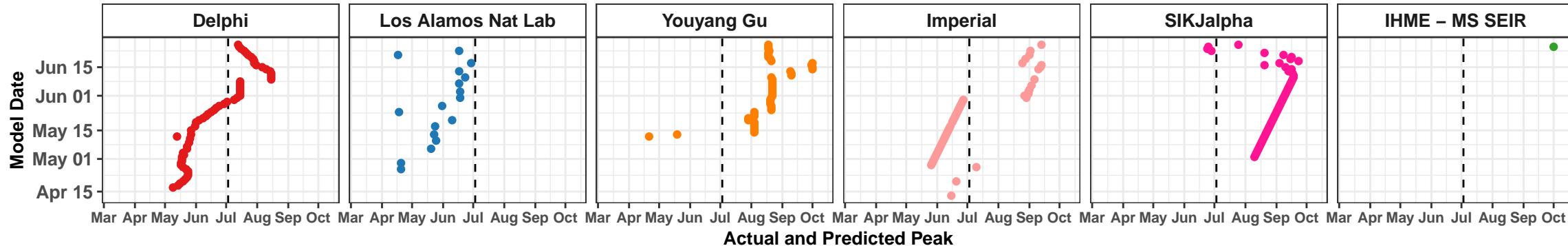
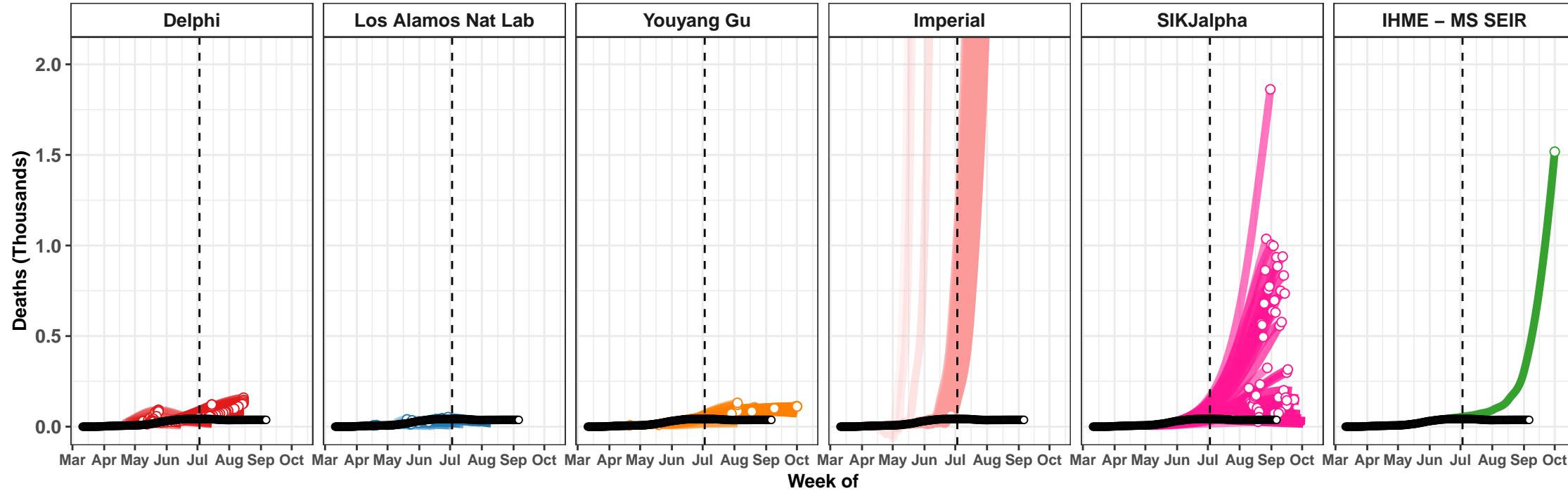
May

Jun

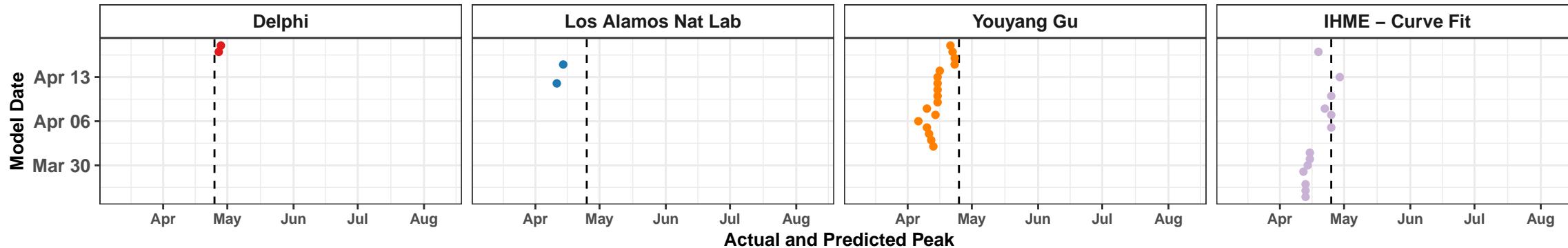
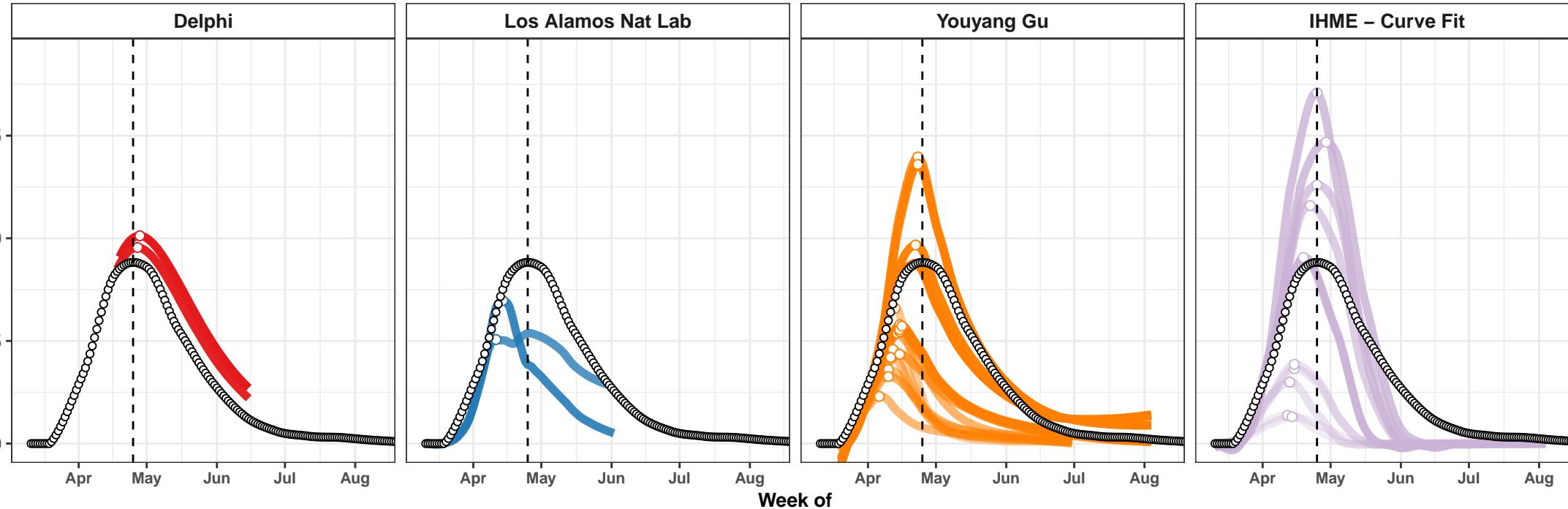
Jul

Aug

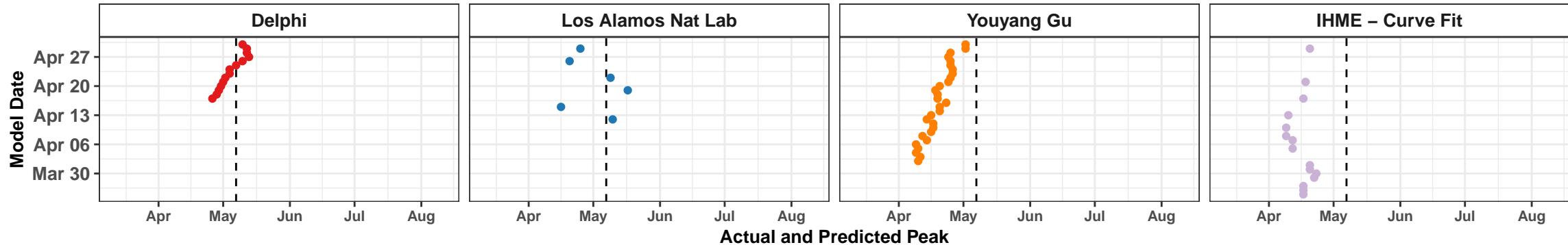
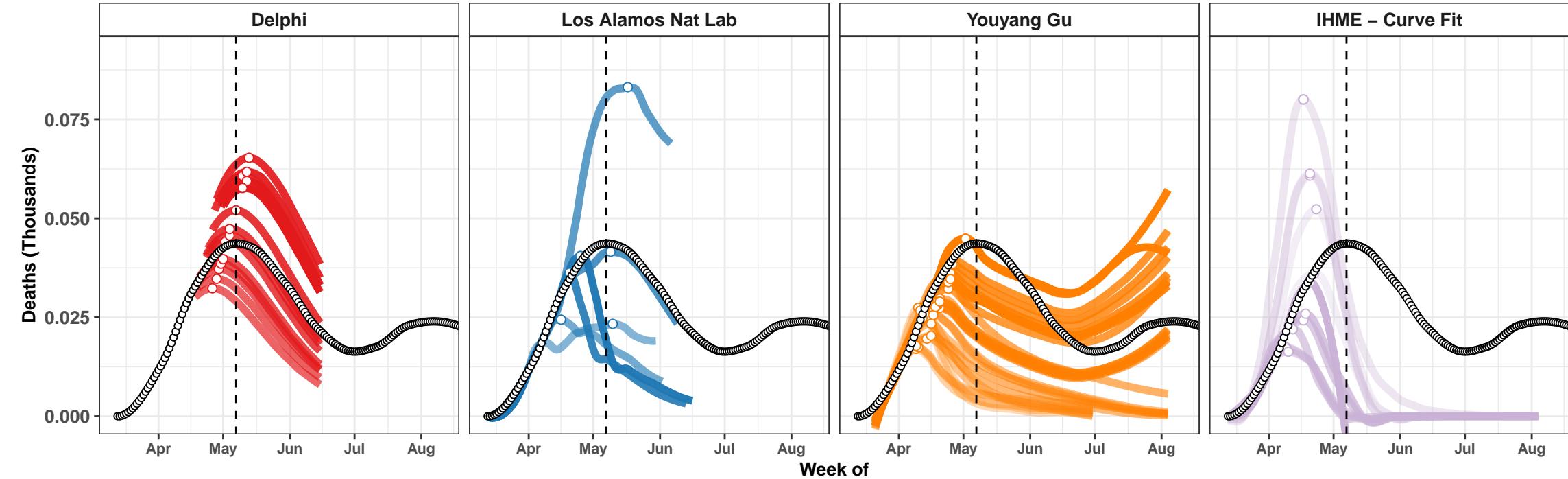
## Bangladesh – Smoothed Daily Deaths



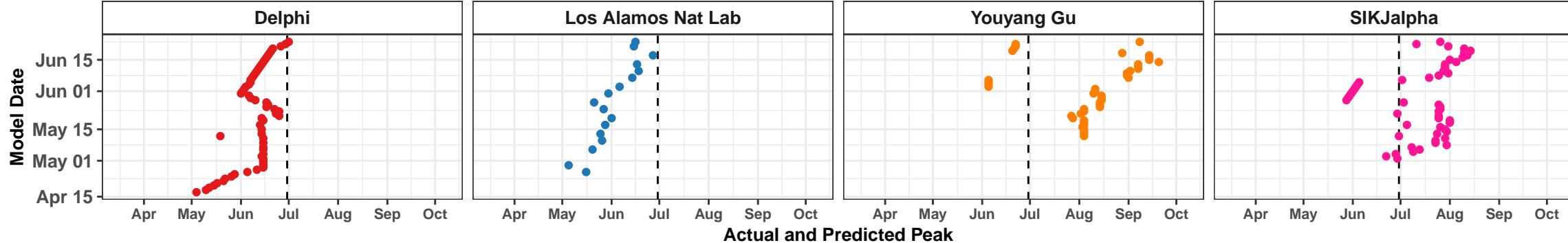
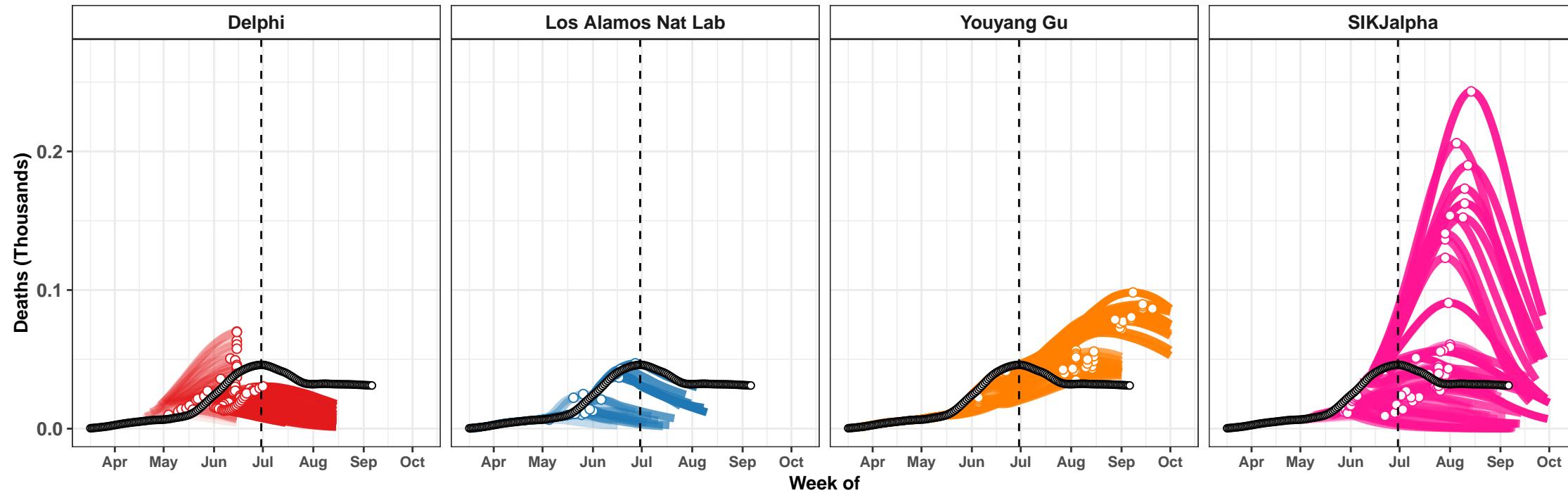
## Connecticut – Smoothed Daily Deaths



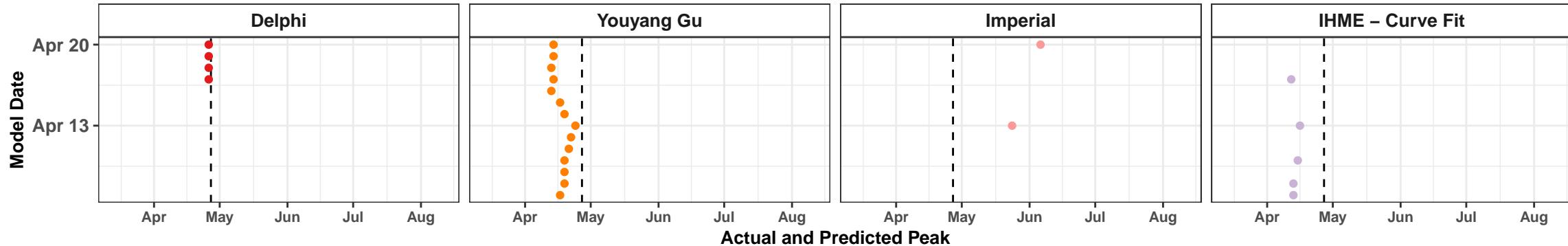
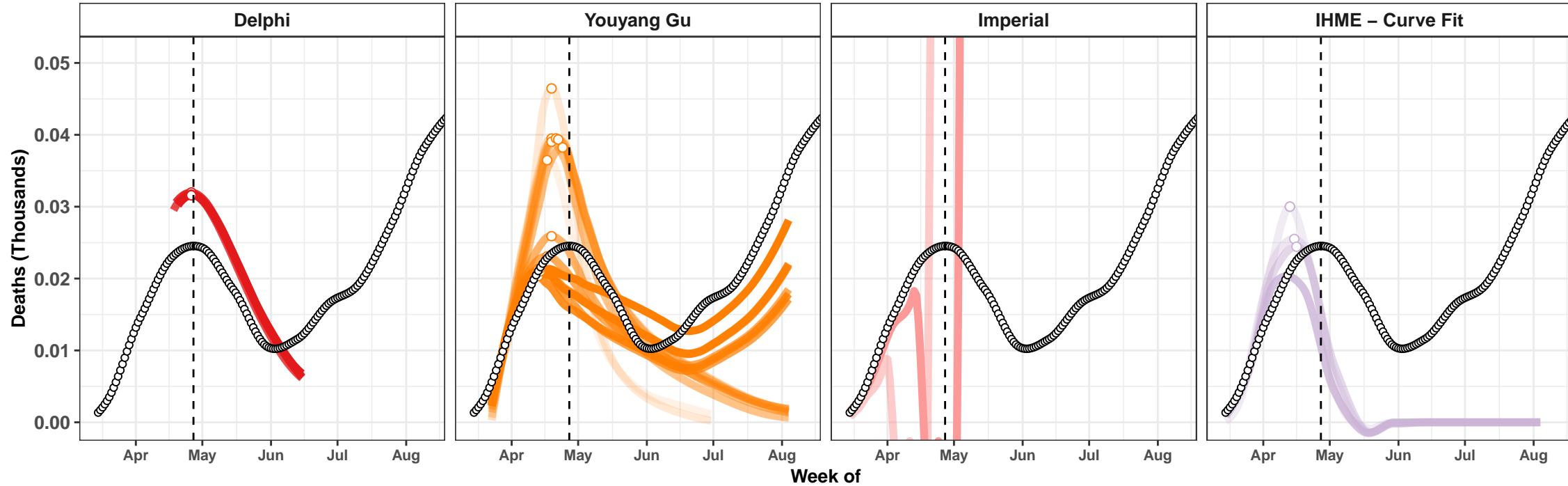
## Ohio – Smoothed Daily Deaths



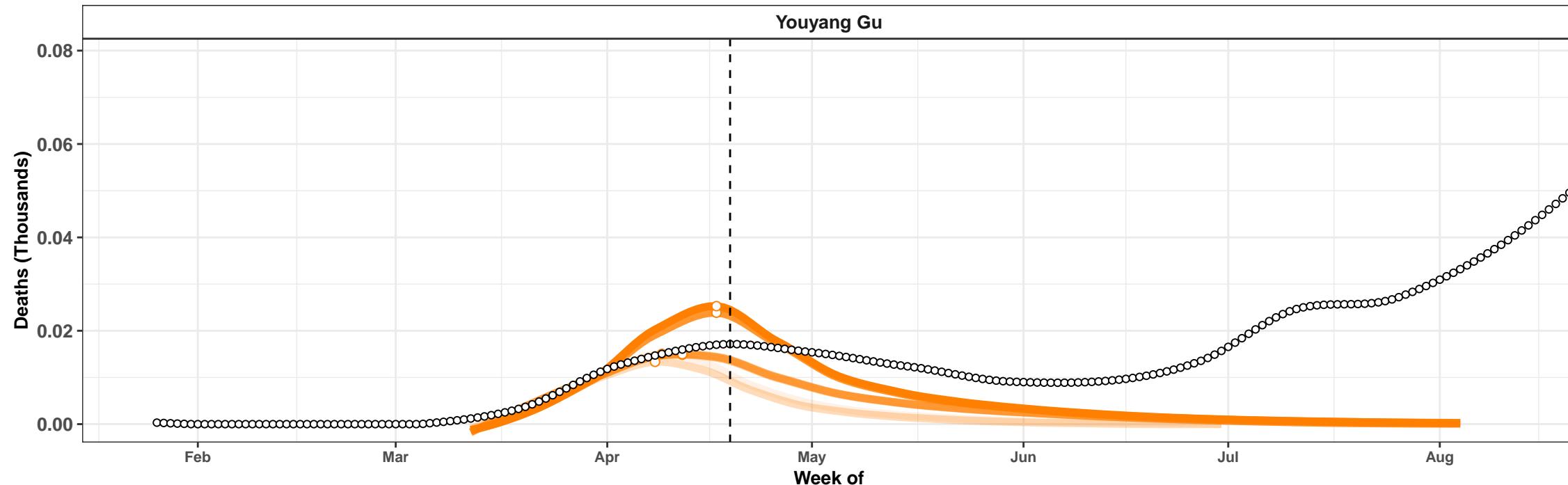
## Saudi Arabia – Smoothed Daily Deaths



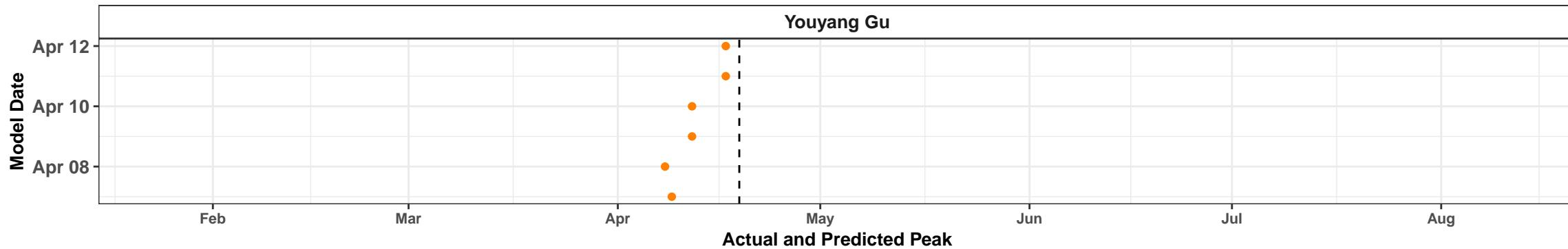
## Romania – Smoothed Daily Deaths



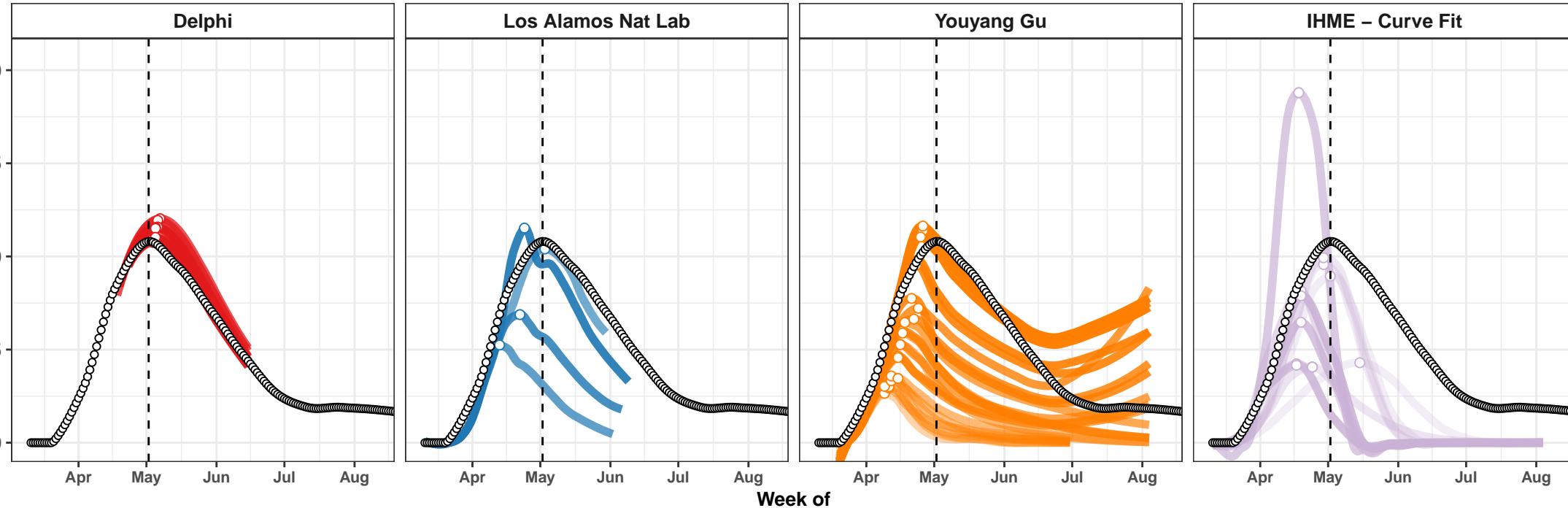
## Philippines – Smoothed Daily Deaths



Youyang Gu



## Maryland – Smoothed Daily Deaths



Delphi

Los Alamos Nat Lab

Youyang Gu

IHME – Curve Fit

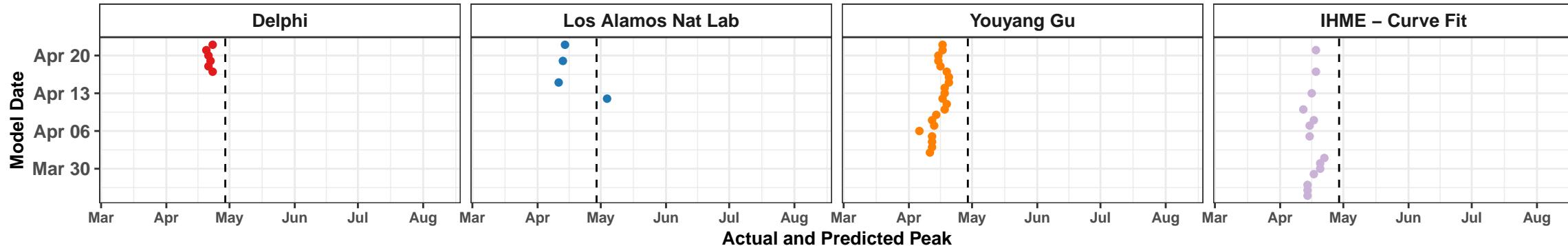
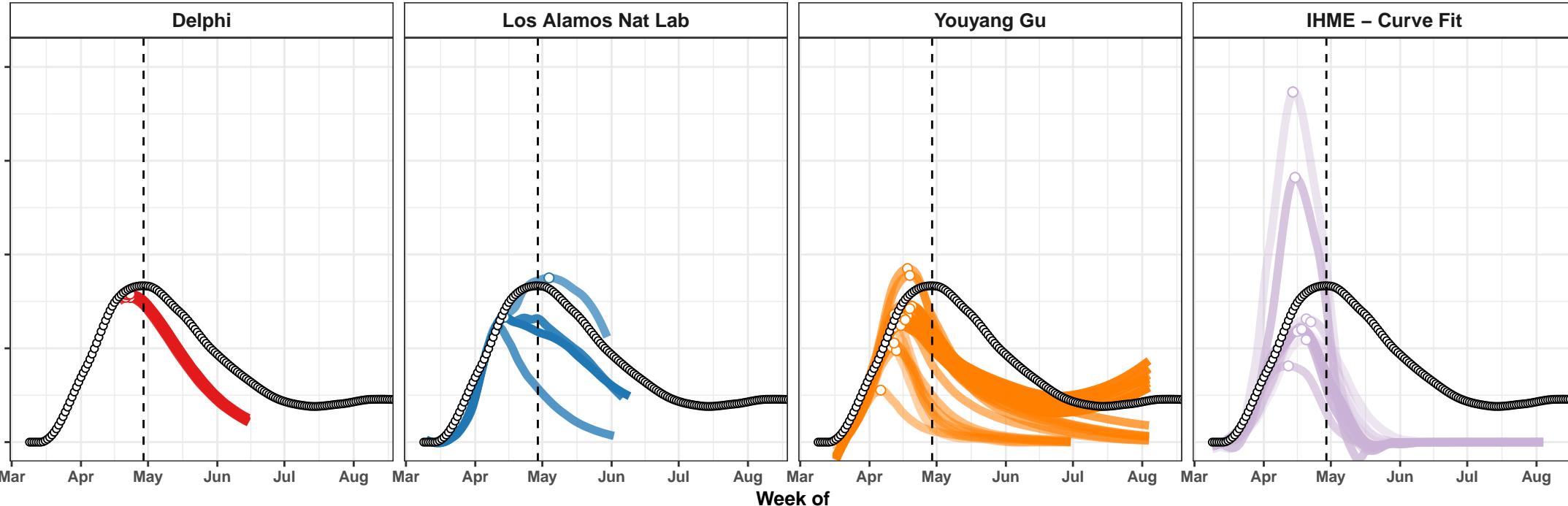
Model Date

Apr 20  
Apr 13  
Apr 06  
Mar 30

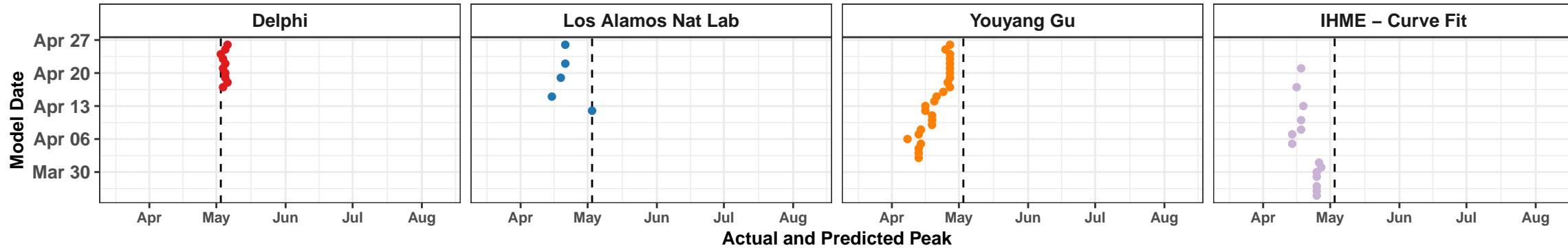
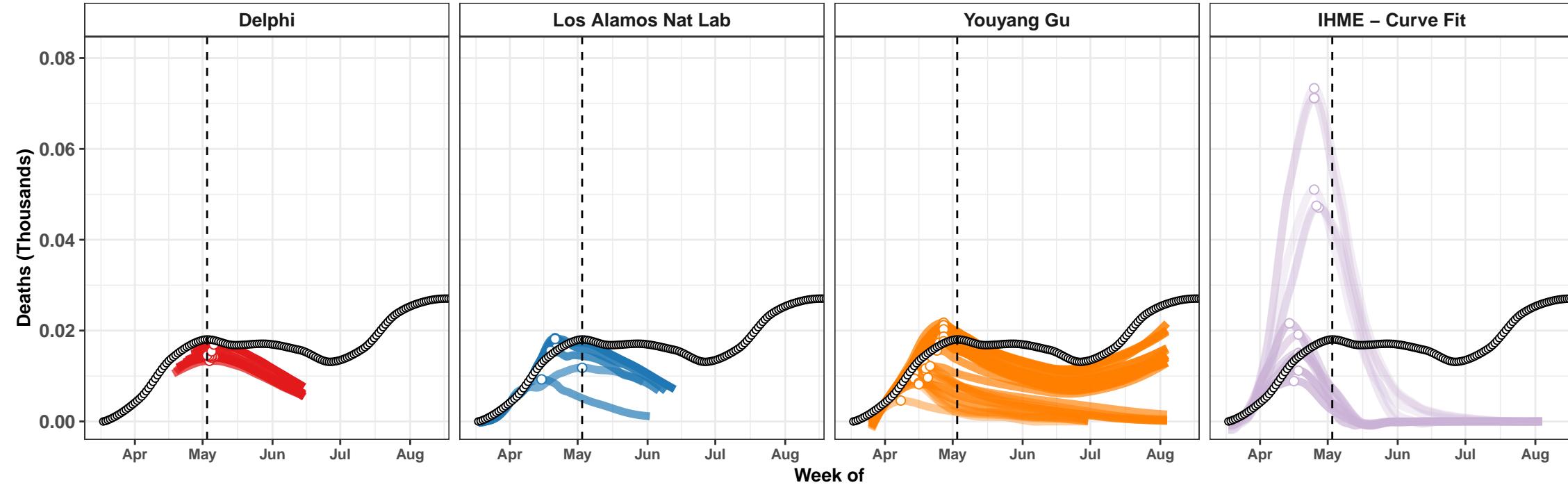
Apr May Jun Jul Aug

Actual and Predicted Peak

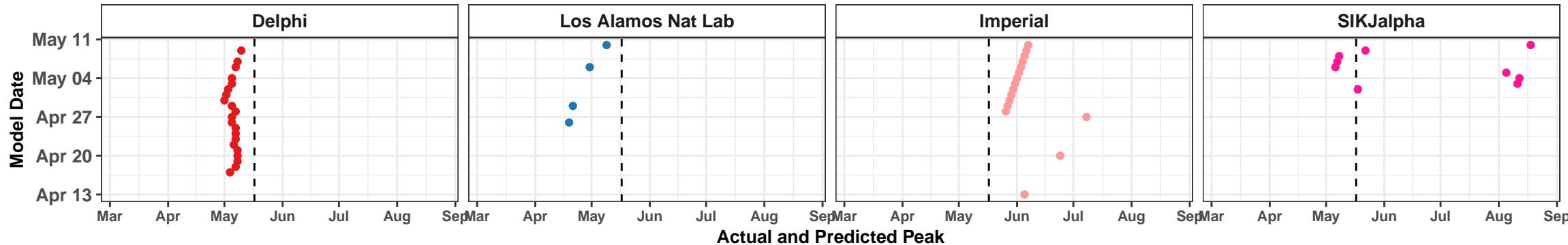
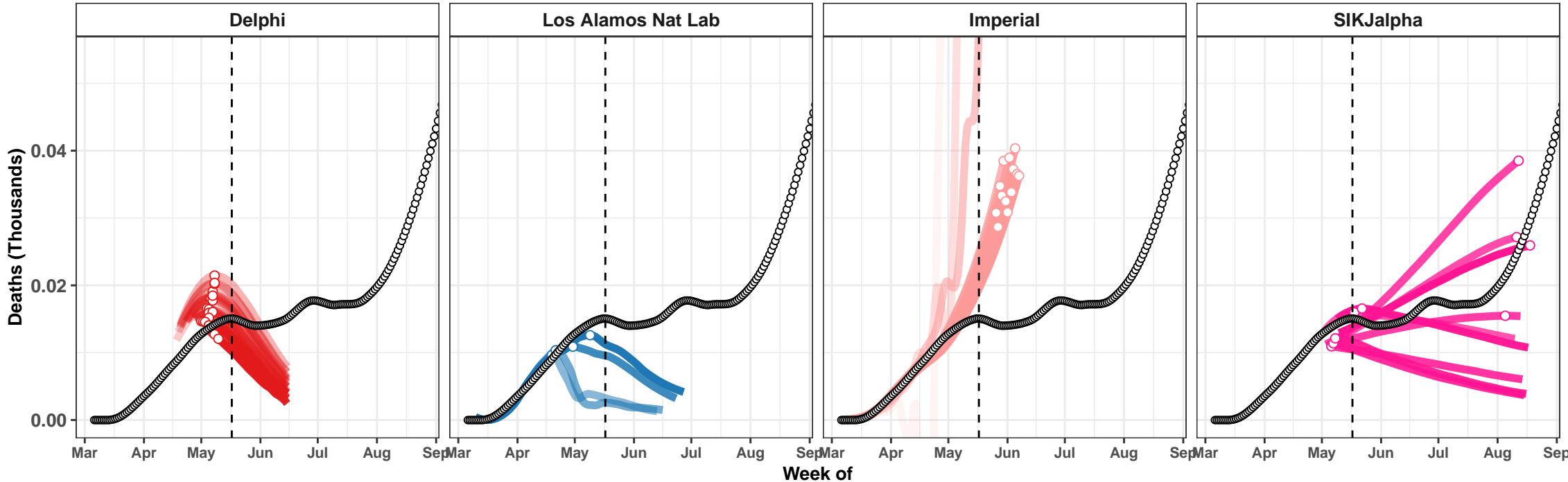
## Indiana – Smoothed Daily Deaths



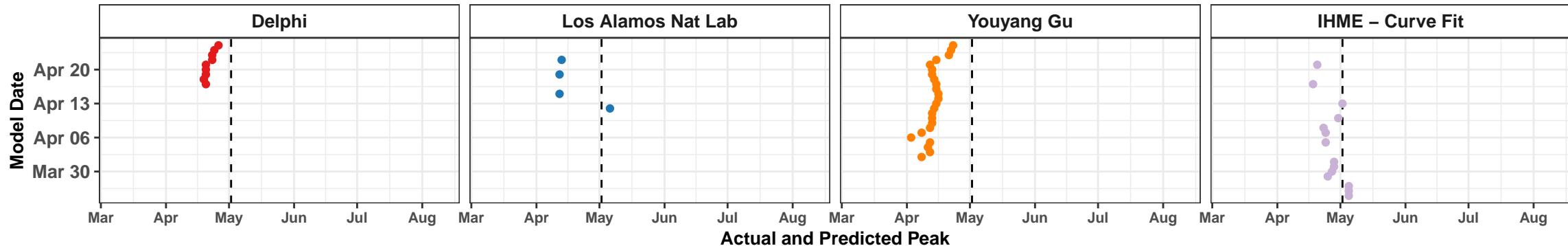
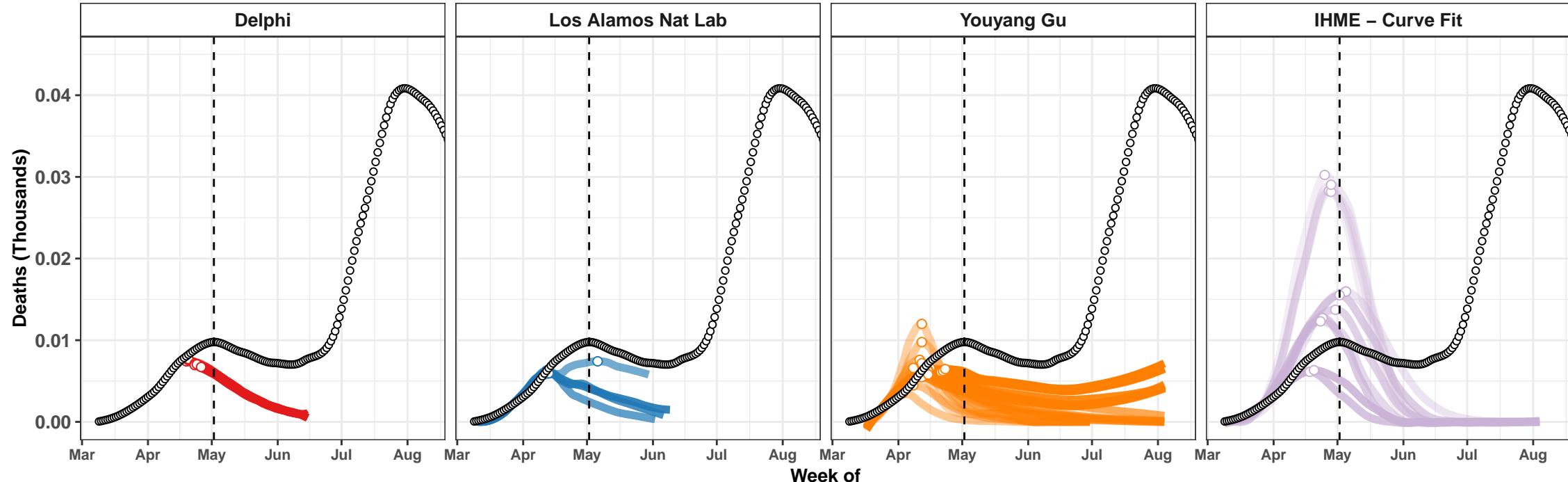
## North Carolina – Smoothed Daily Deaths



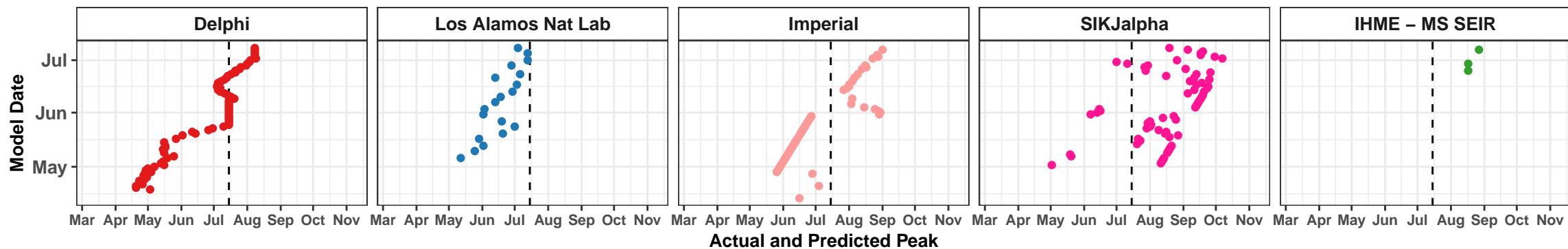
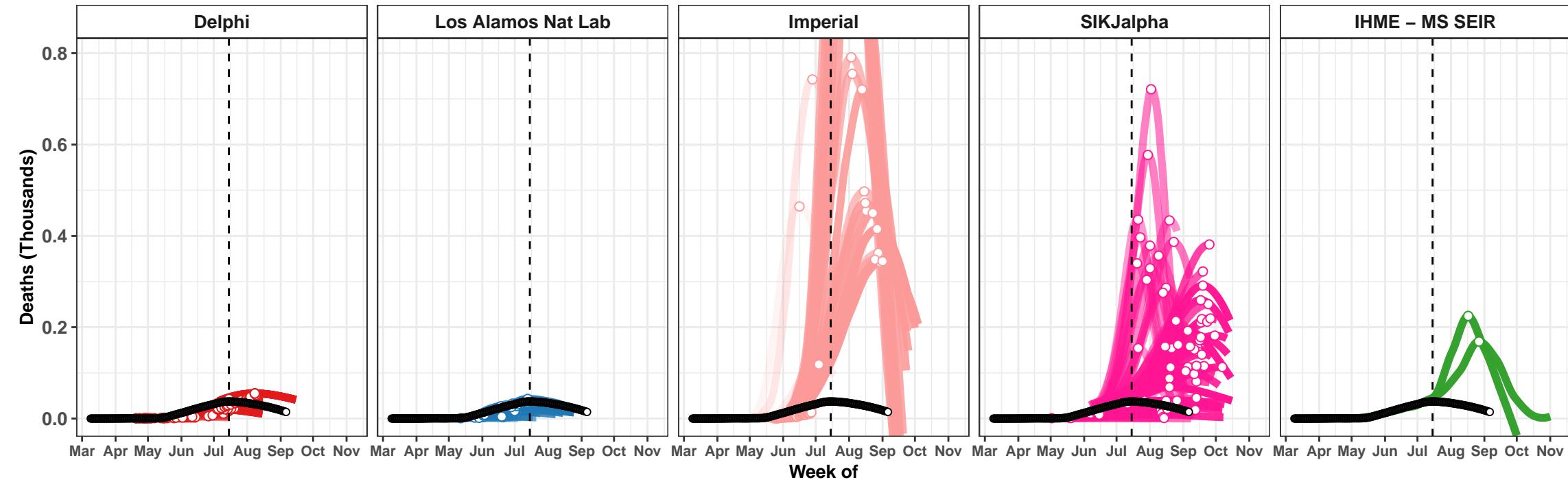
## Ukraine – Smoothed Daily Deaths



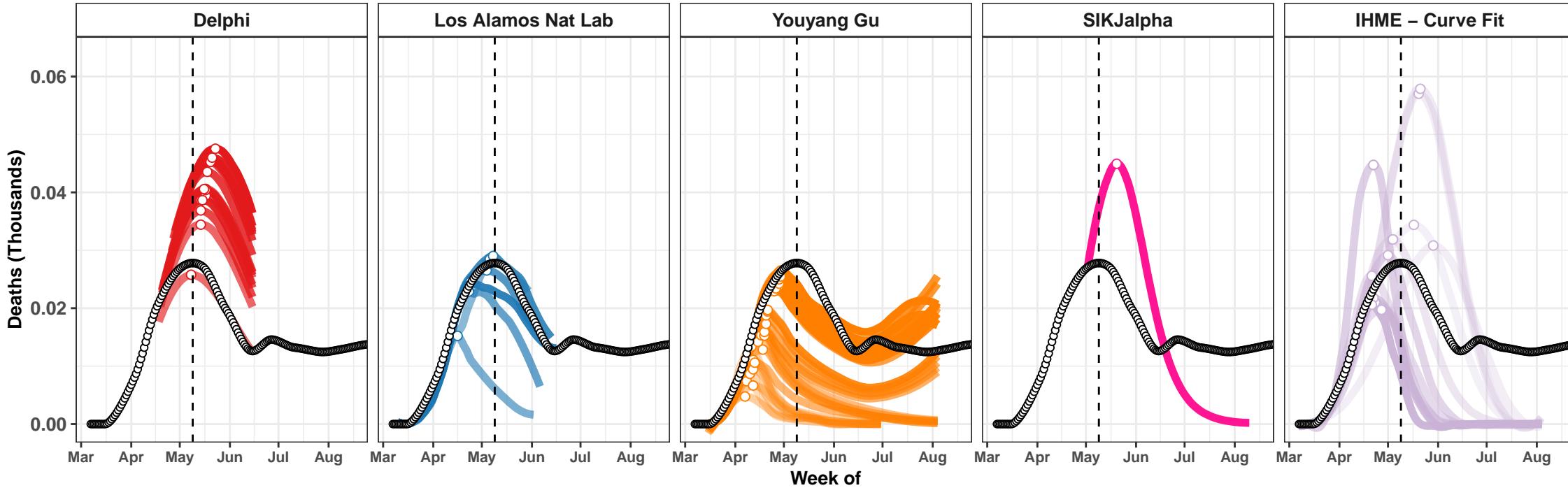
## South Carolina – Smoothed Daily Deaths



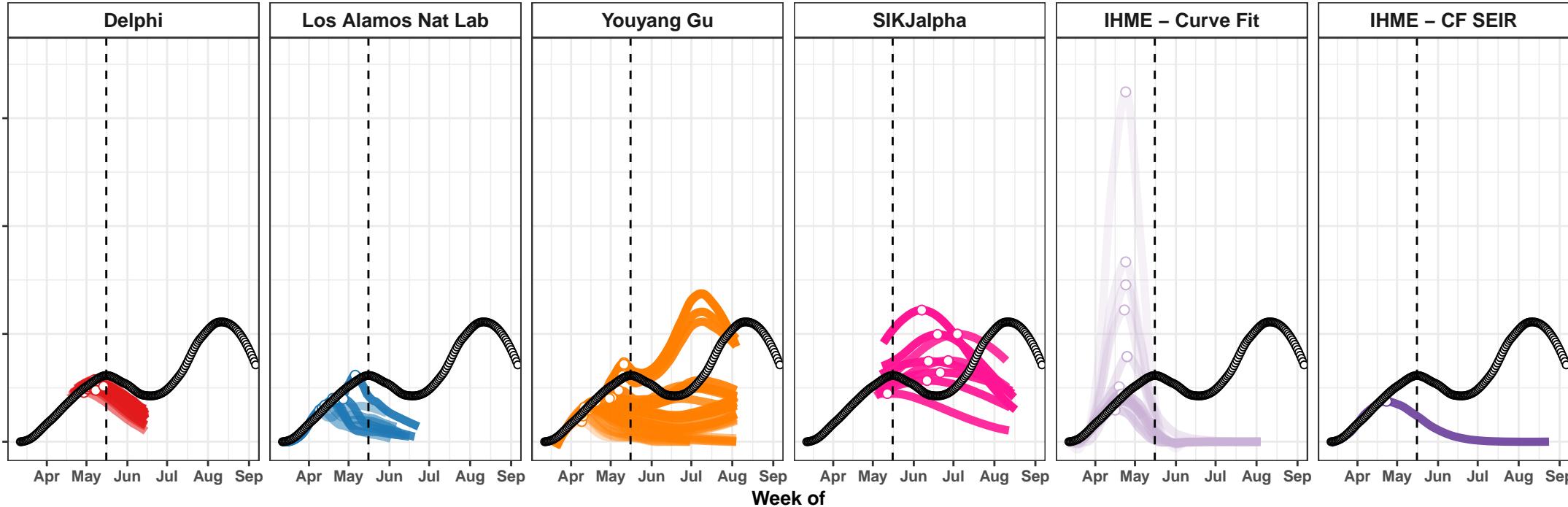
## Guatemala – Smoothed Daily Deaths



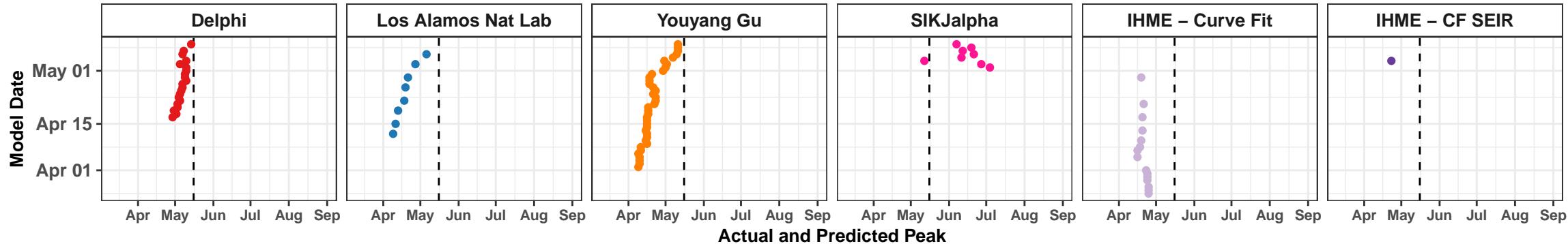
## Virginia – Smoothed Daily Deaths



## Mississippi – Smoothed Daily Deaths

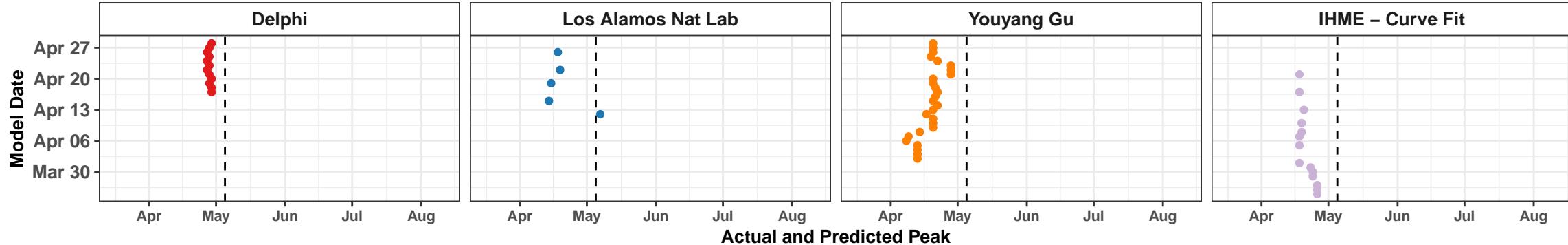
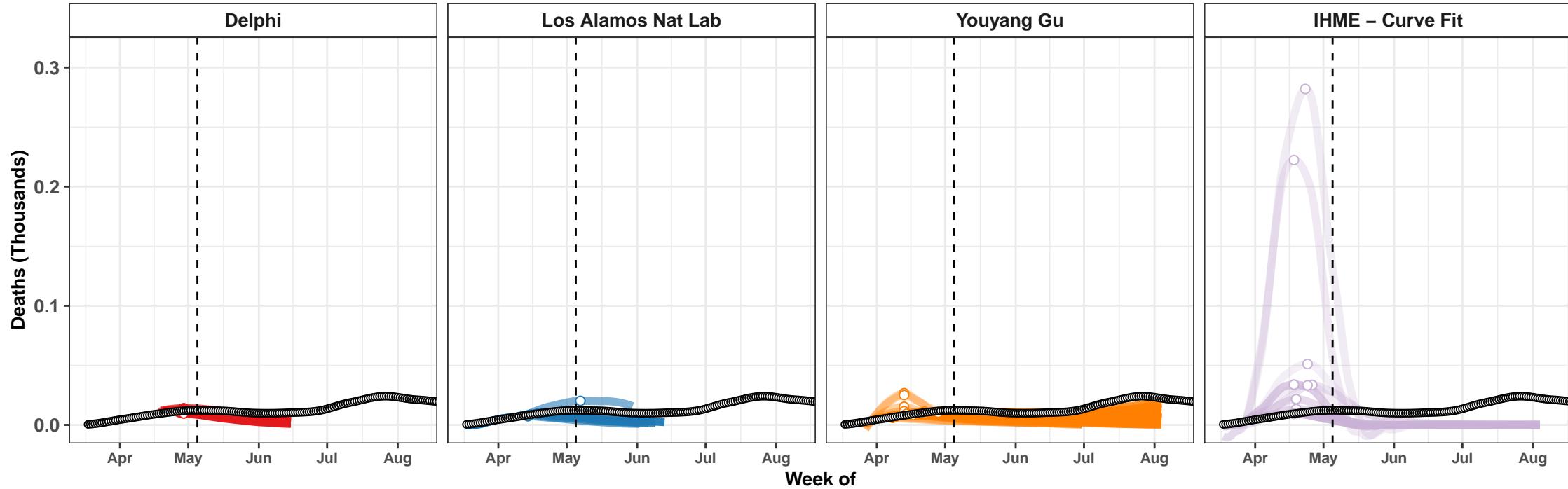


Week of

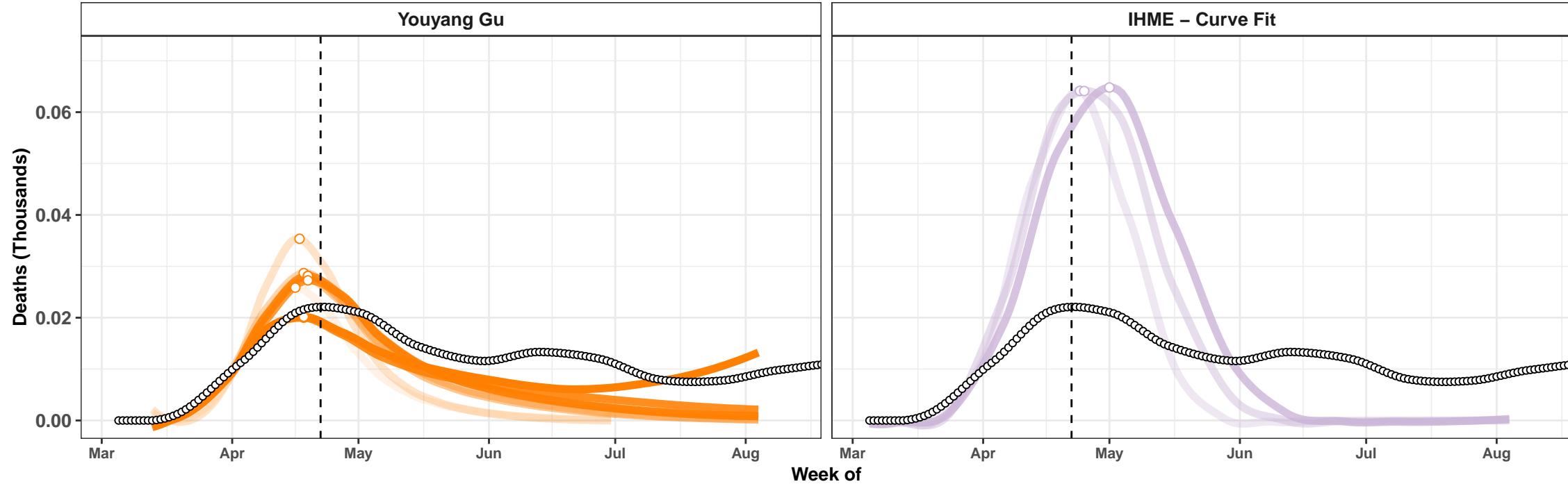


Actual and Predicted Peak

## Alabama – Smoothed Daily Deaths



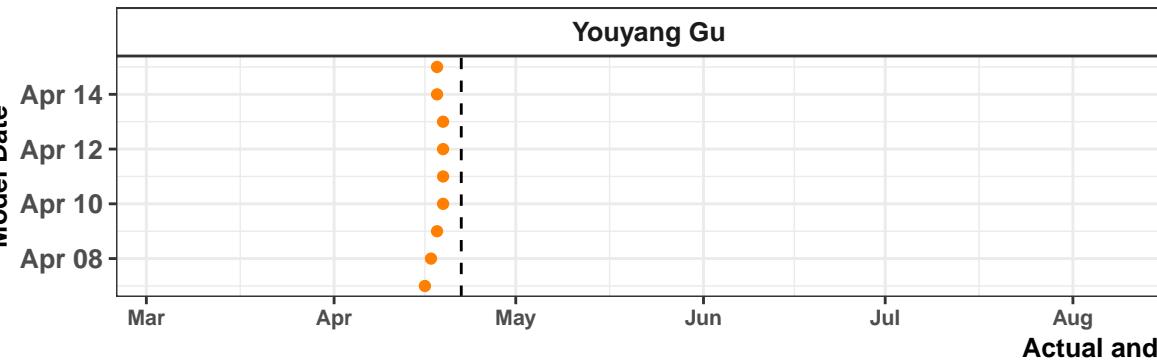
## Poland – Smoothed Daily Deaths



Youyang Gu

IHME – Curve Fit

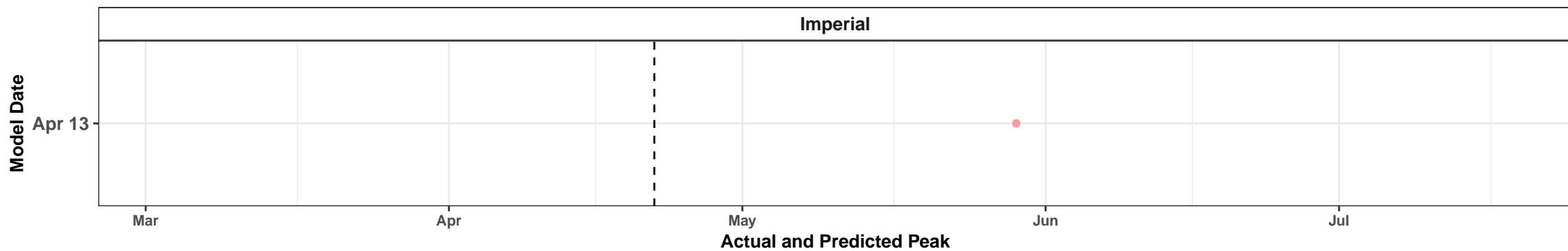
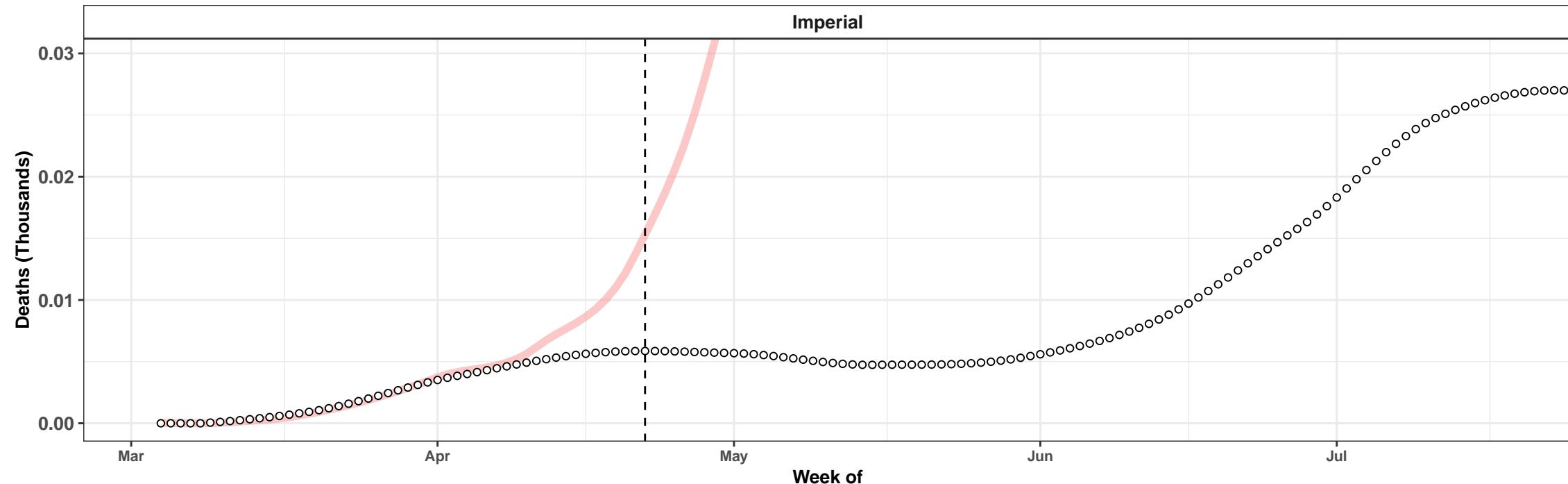
Model Date



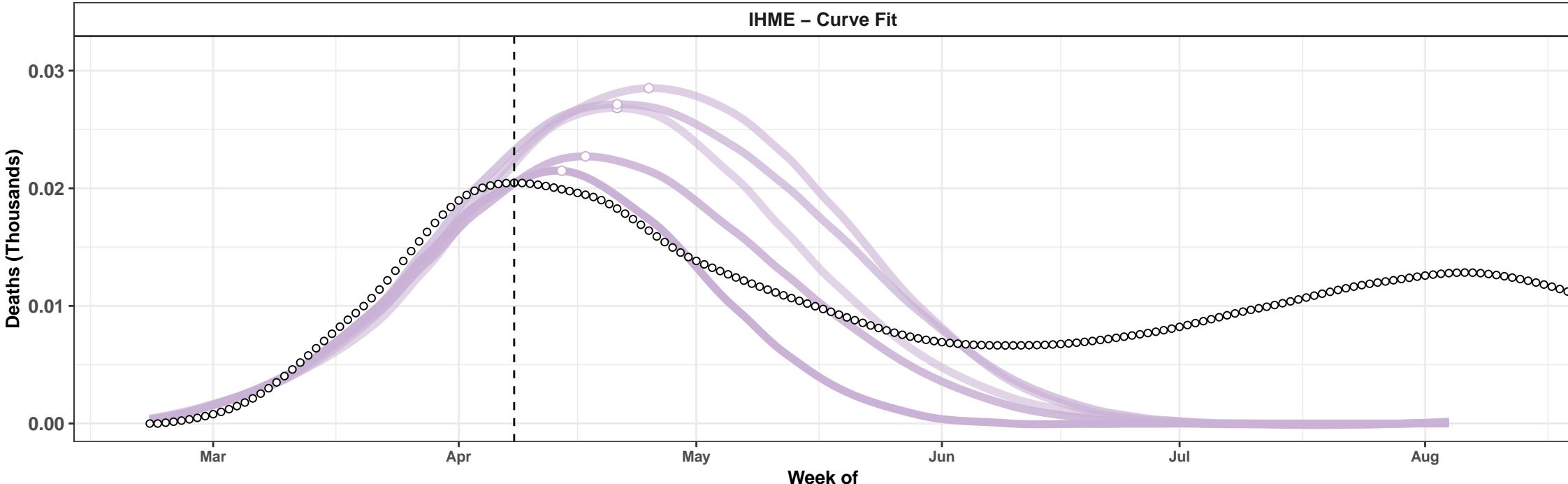
Actual and Predicted Peak

Actual and Predicted Peak

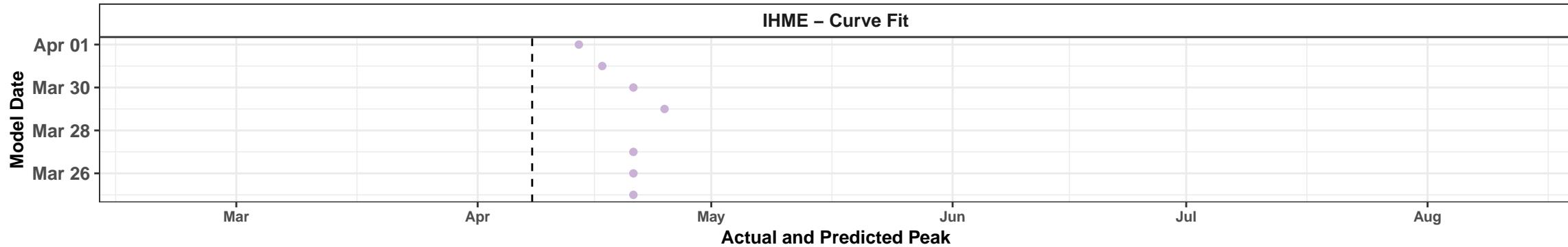
## Panama – Smoothed Daily Deaths



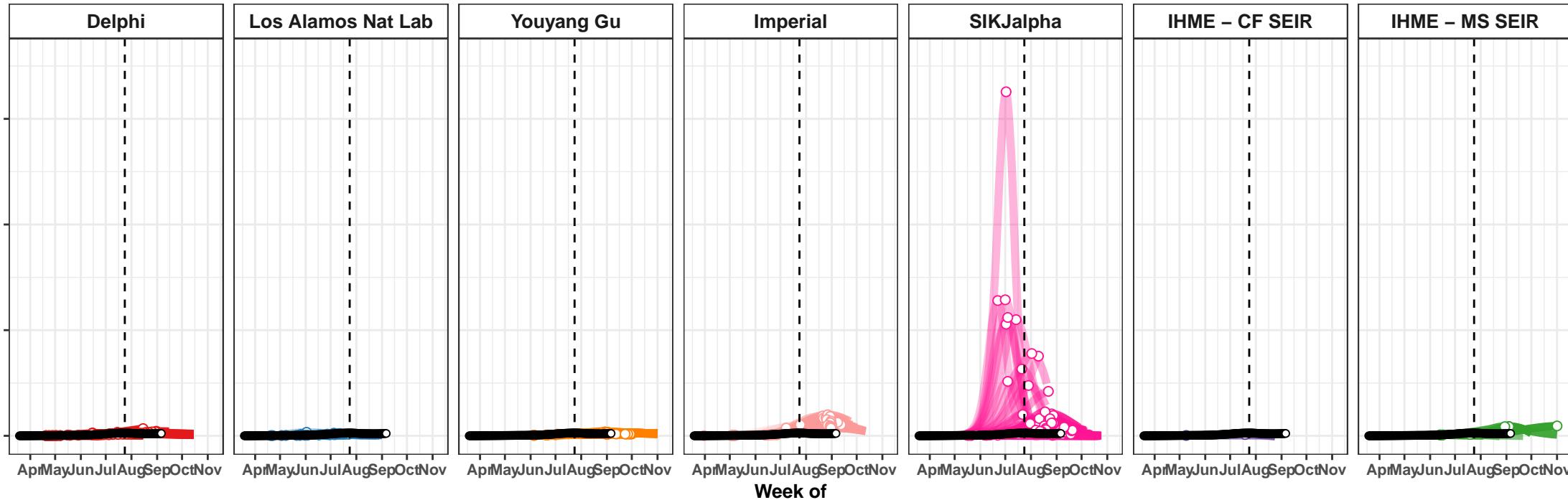
## Washington – Smoothed Daily Deaths



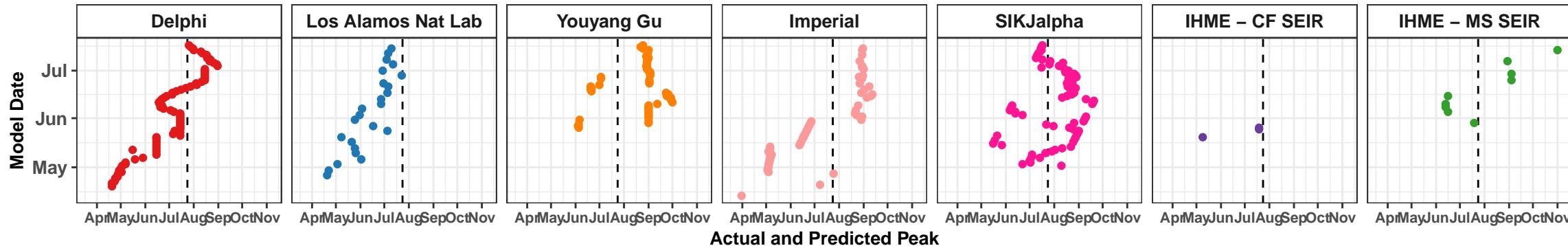
IHME – Curve Fit



## Honduras – Smoothed Daily Deaths

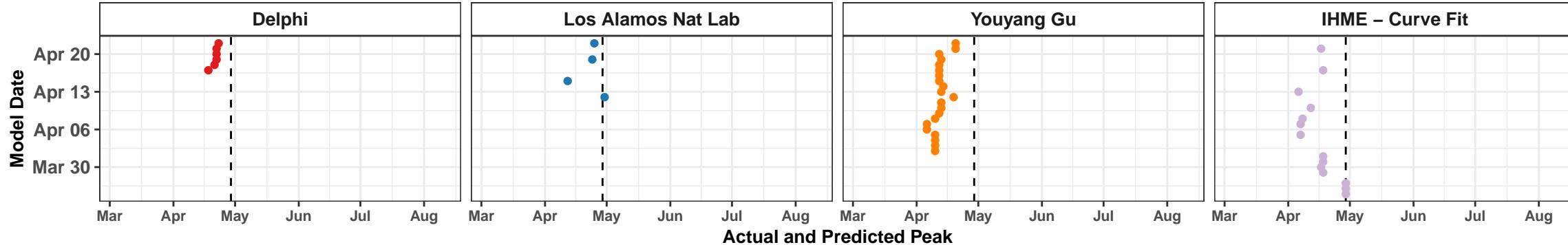
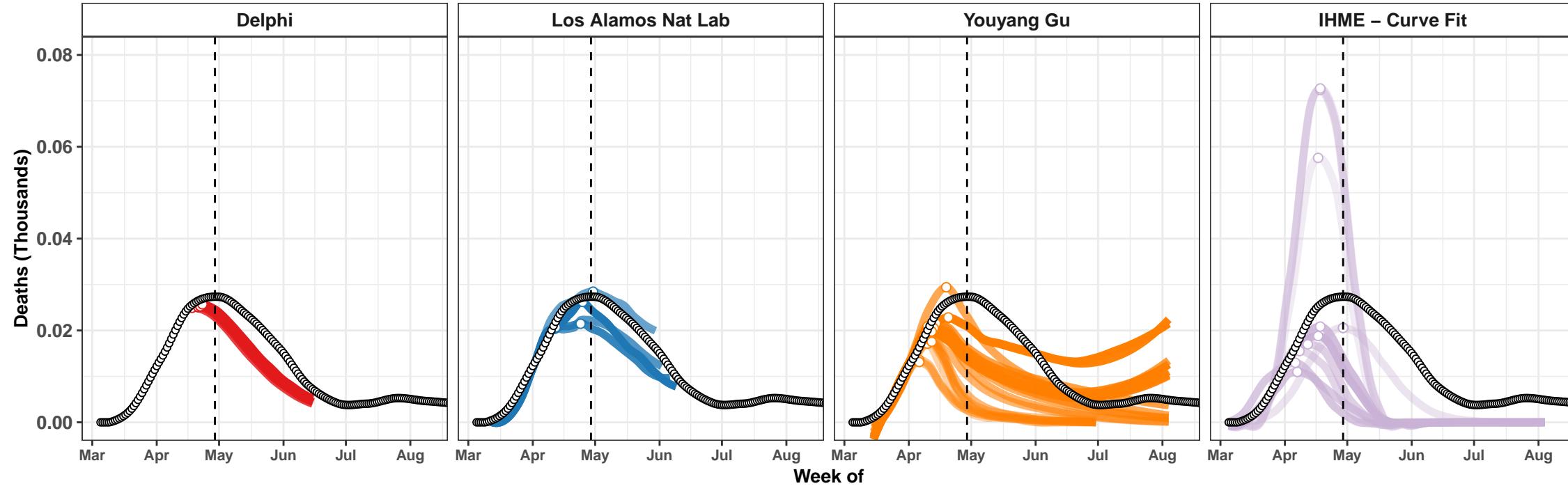


Week of

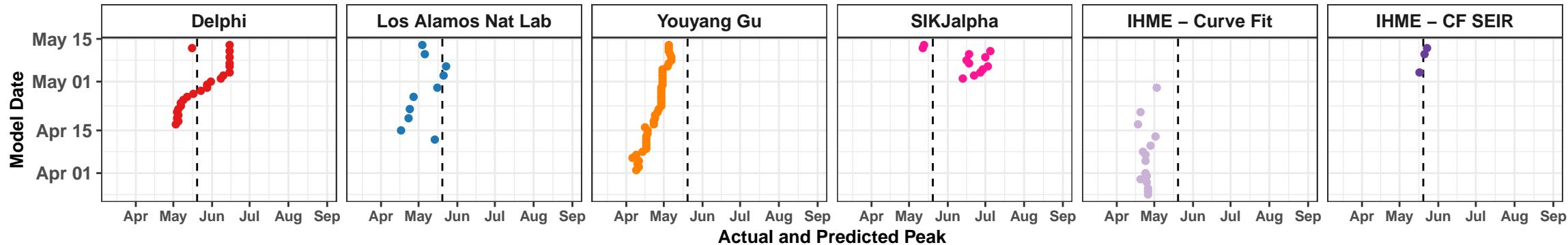
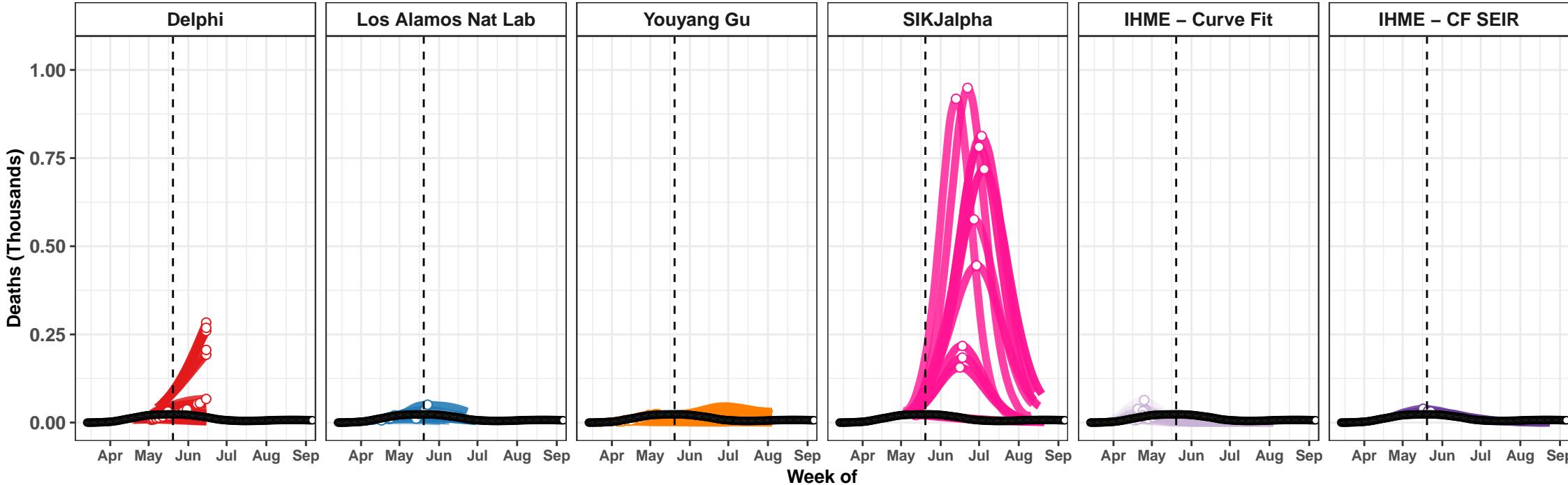


Actual and Predicted Peak

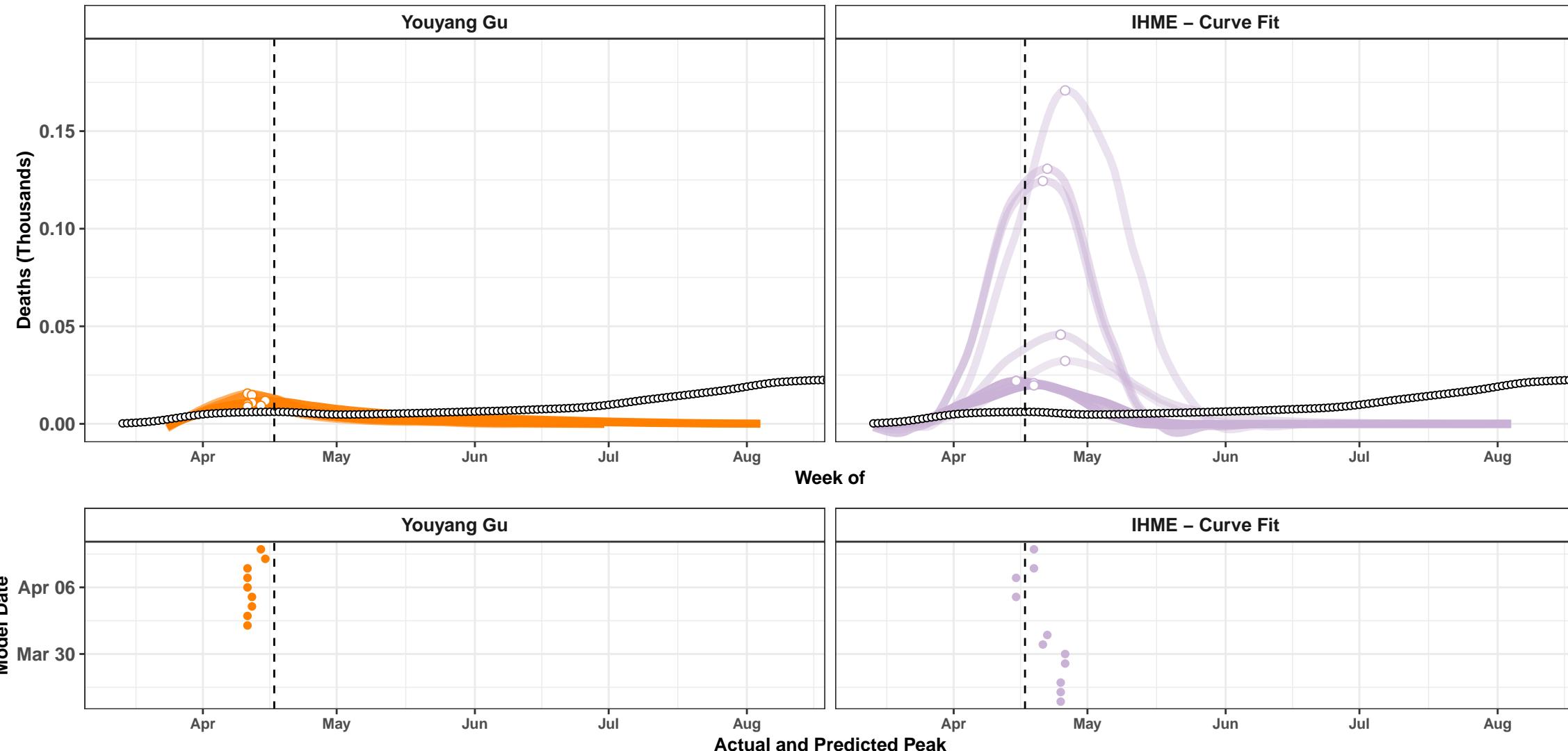
## Colorado – Smoothed Daily Deaths



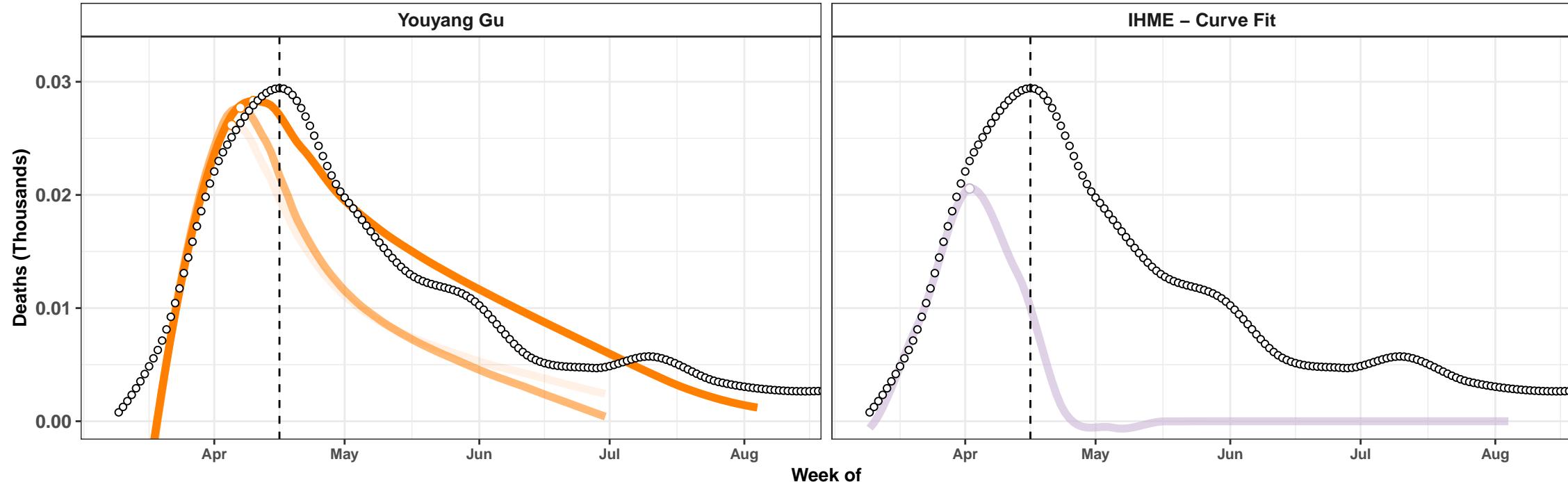
## Minnesota – Smoothed Daily Deaths



## Tennessee – Smoothed Daily Deaths



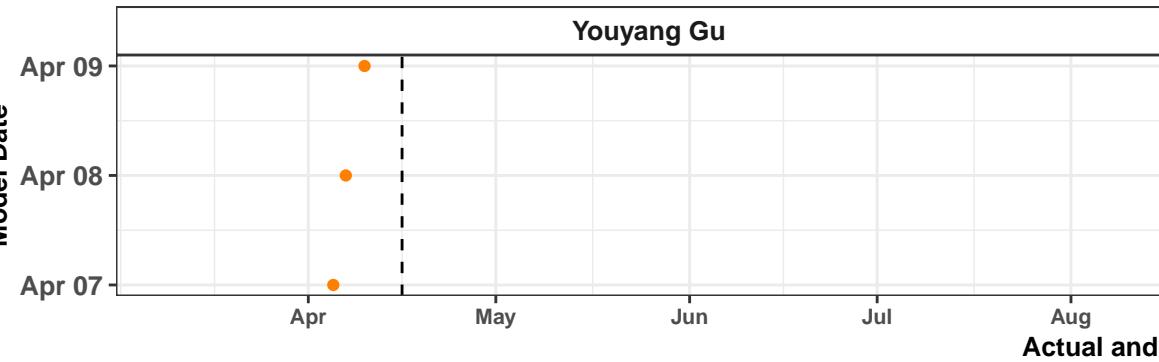
## Portugal – Smoothed Daily Deaths



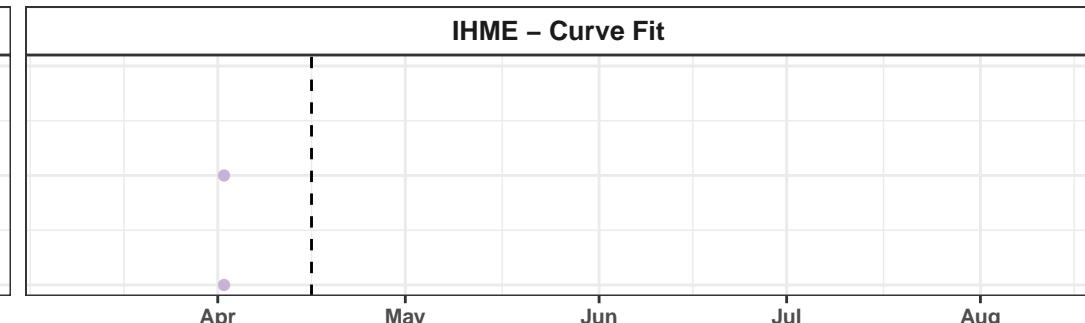
Youyang Gu

IHME – Curve Fit

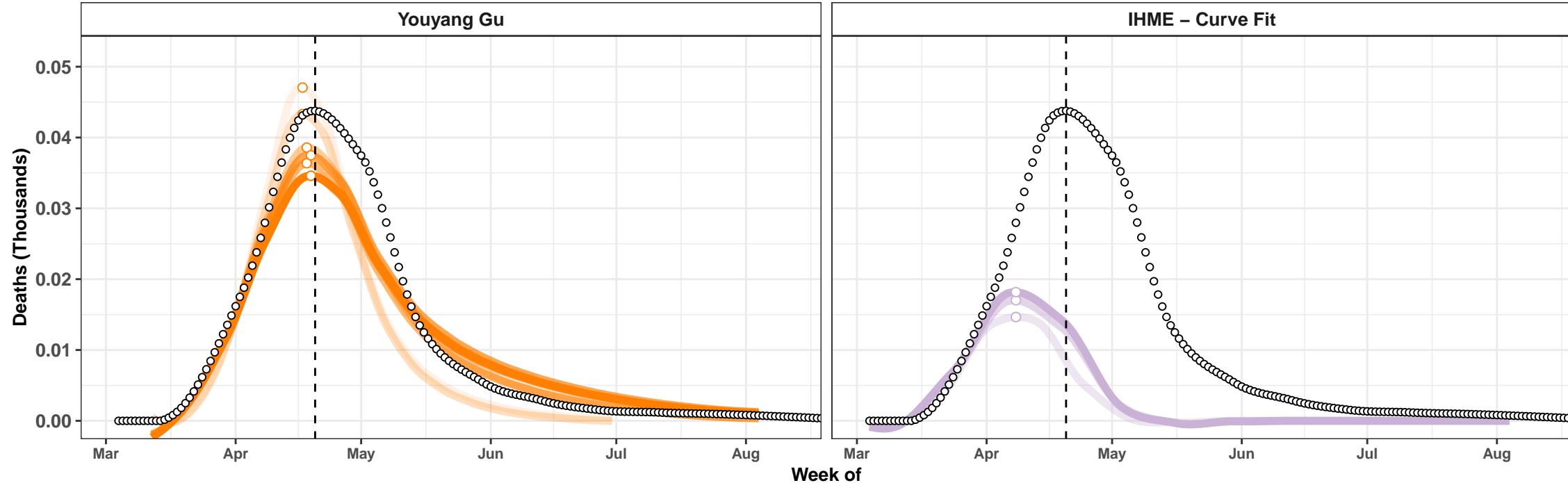
Model Date



Actual and Predicted Peak



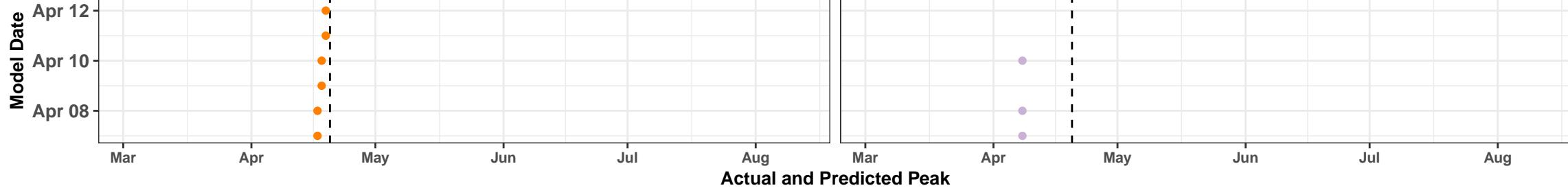
## Ireland – Smoothed Daily Deaths



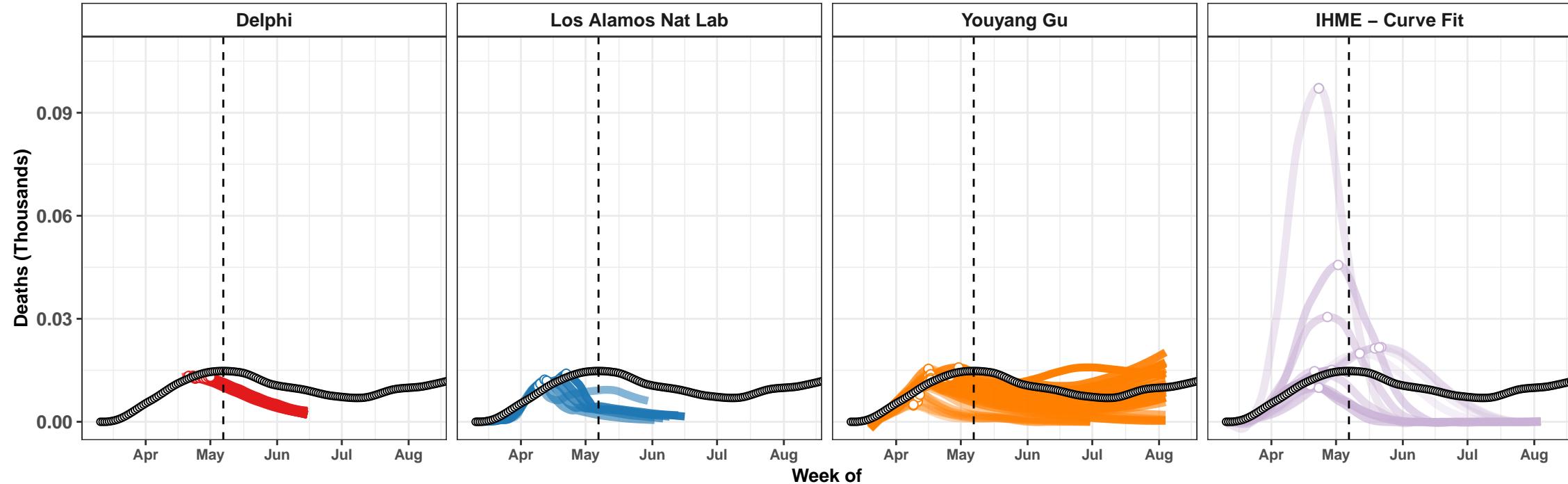
Youyang Gu

IHME – Curve Fit

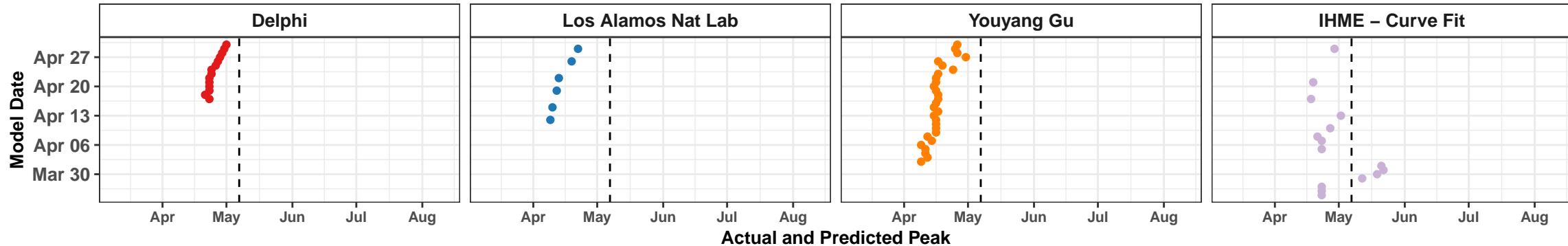
Model Date



## Missouri – Smoothed Daily Deaths

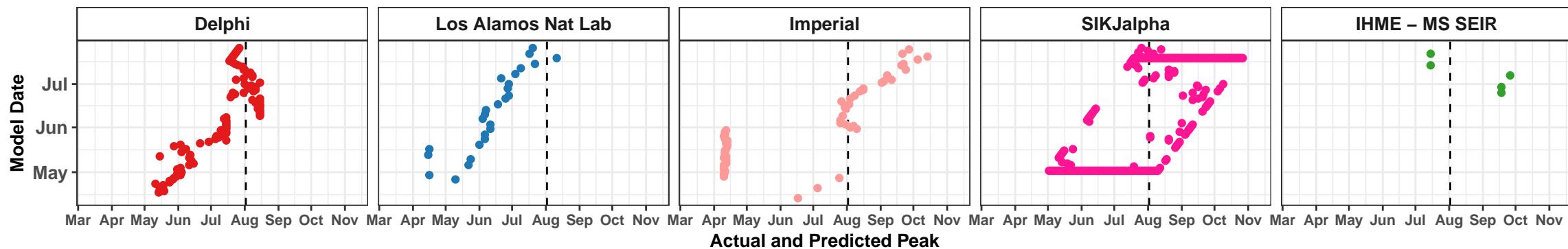
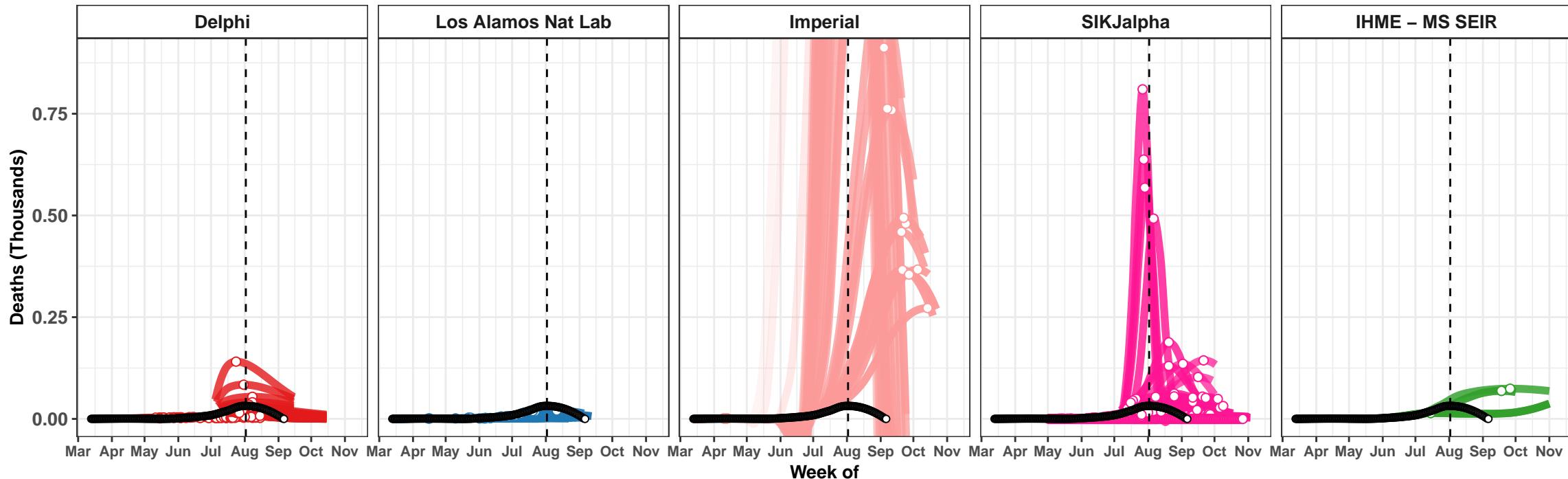


Week of

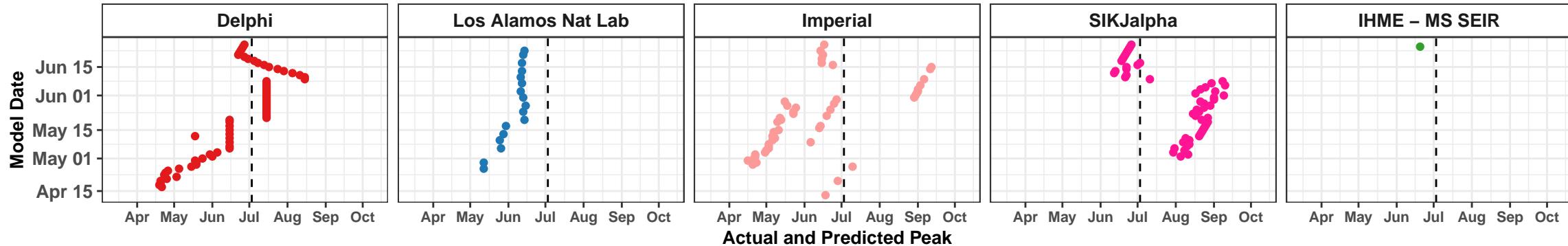
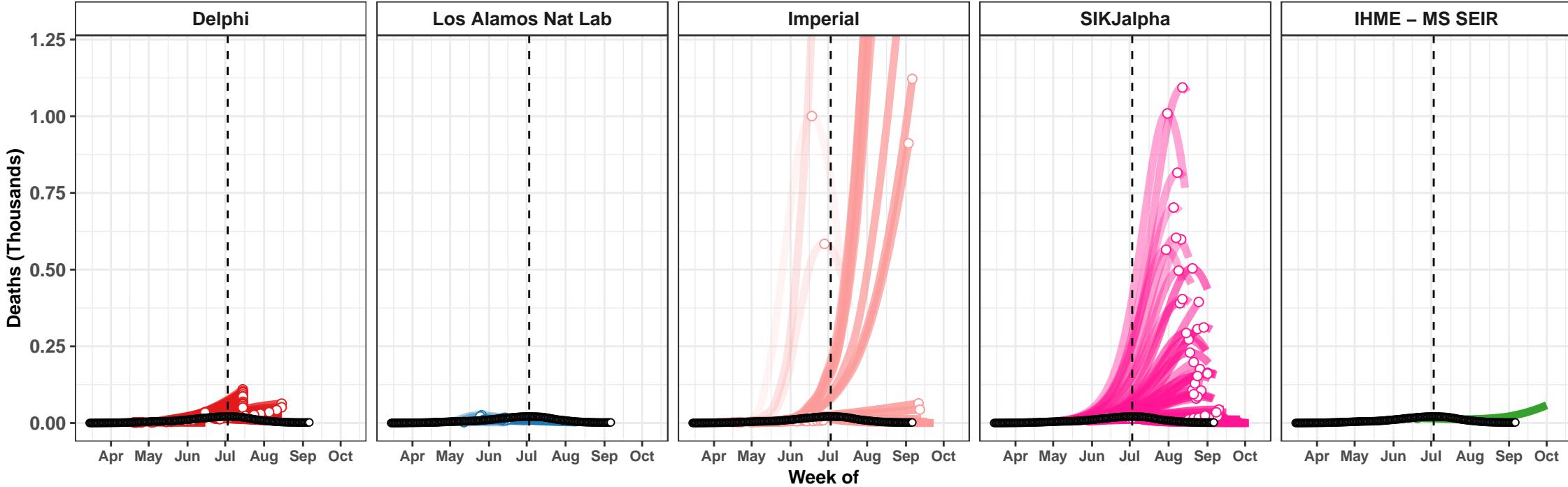


Actual and Predicted Peak

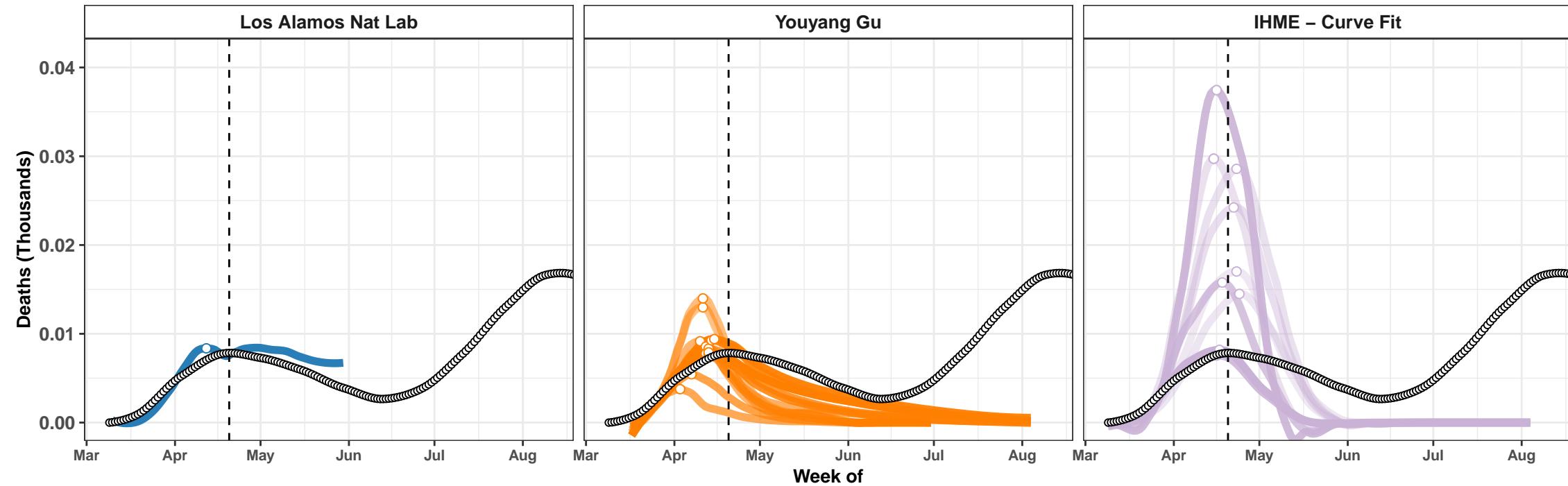
# Kazakhstan – Smoothed Daily Deaths



## Afghanistan – Smoothed Daily Deaths



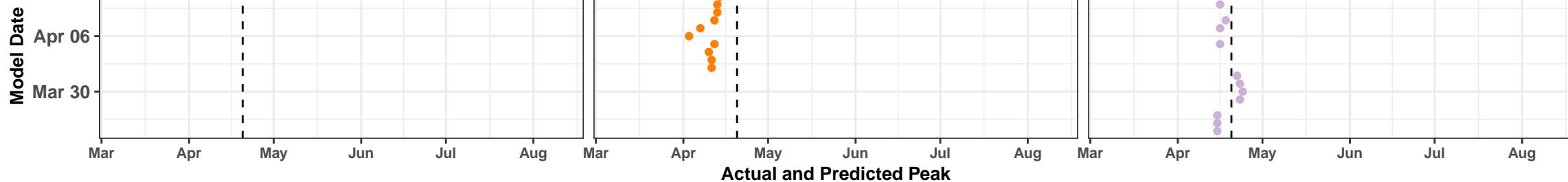
## Nevada – Smoothed Daily Deaths



Los Alamos Nat Lab

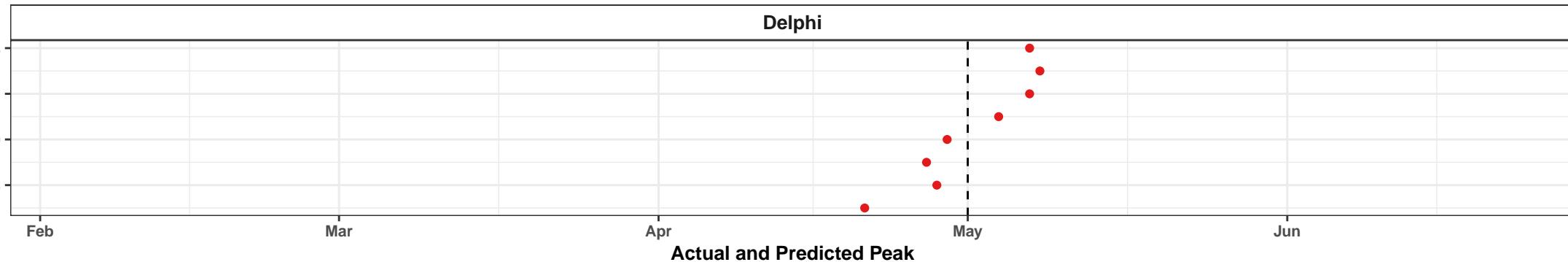
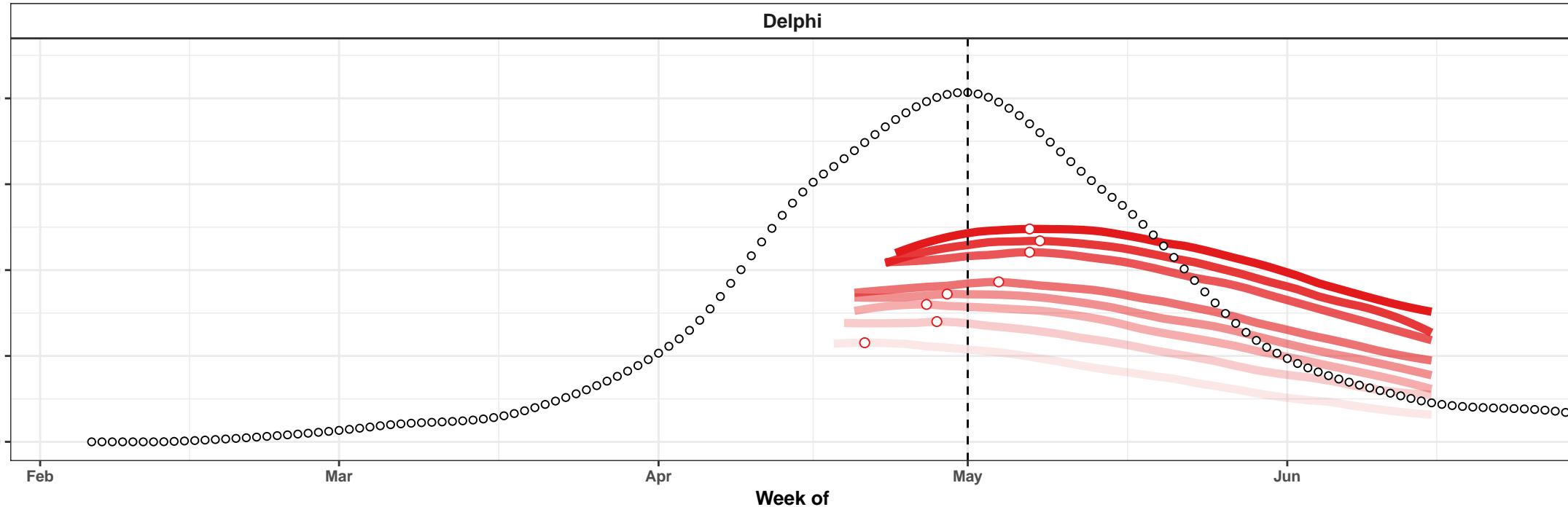
Youyang Gu

IHME – Curve Fit

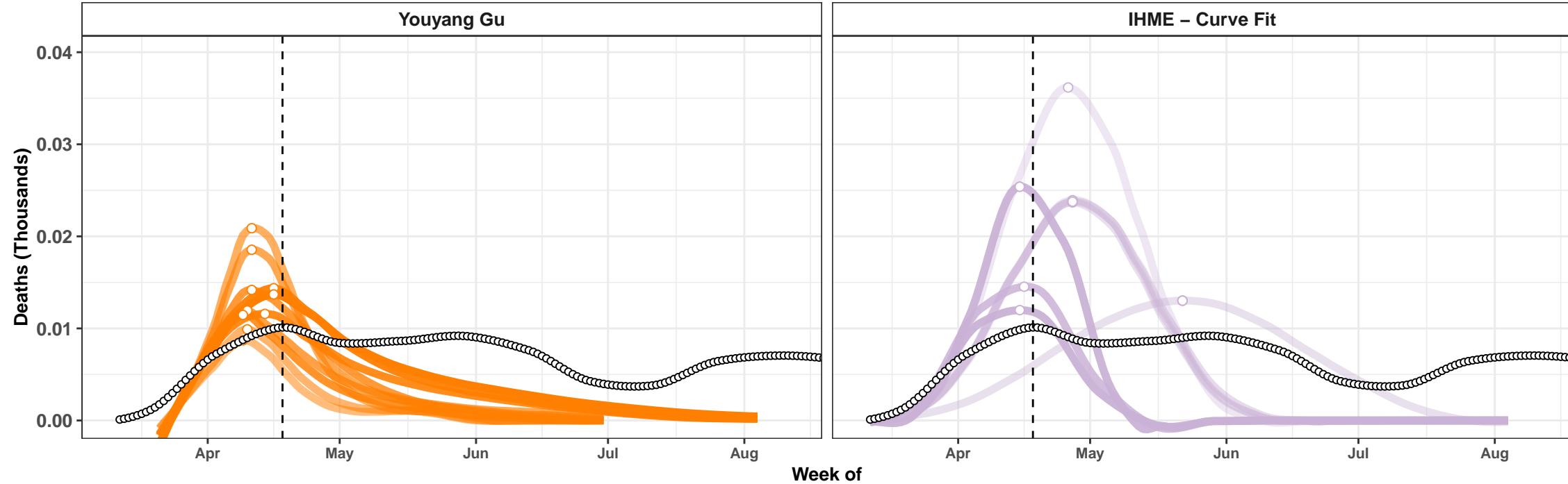


Actual and Predicted Peak

## Japan – Smoothed Daily Deaths



## Wisconsin – Smoothed Daily Deaths

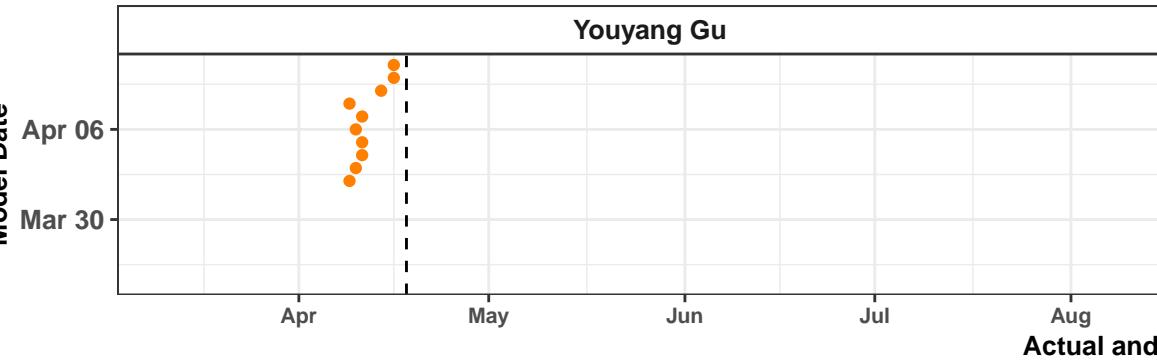


Youyang Gu

Week of

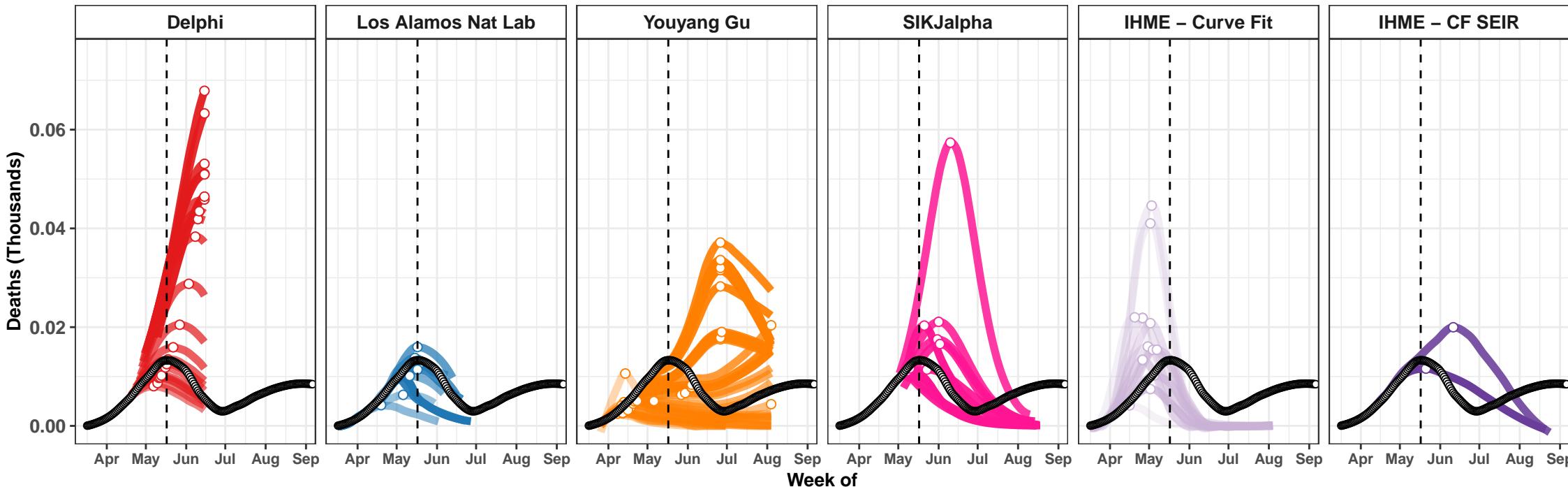
IHME – Curve Fit

Model Date



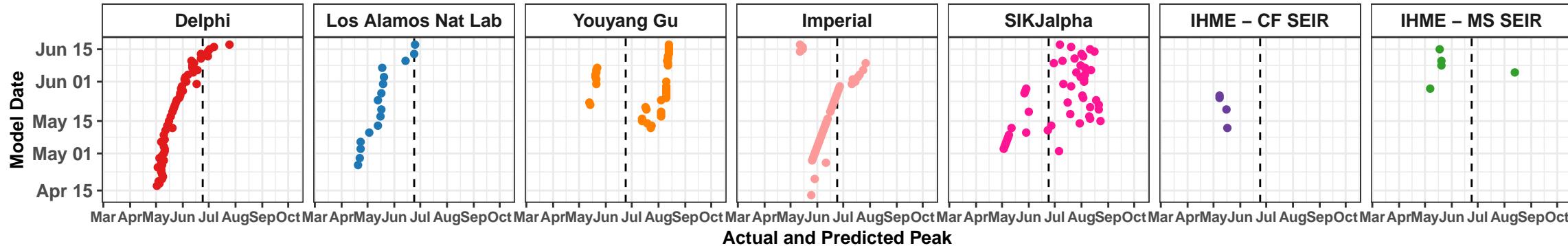
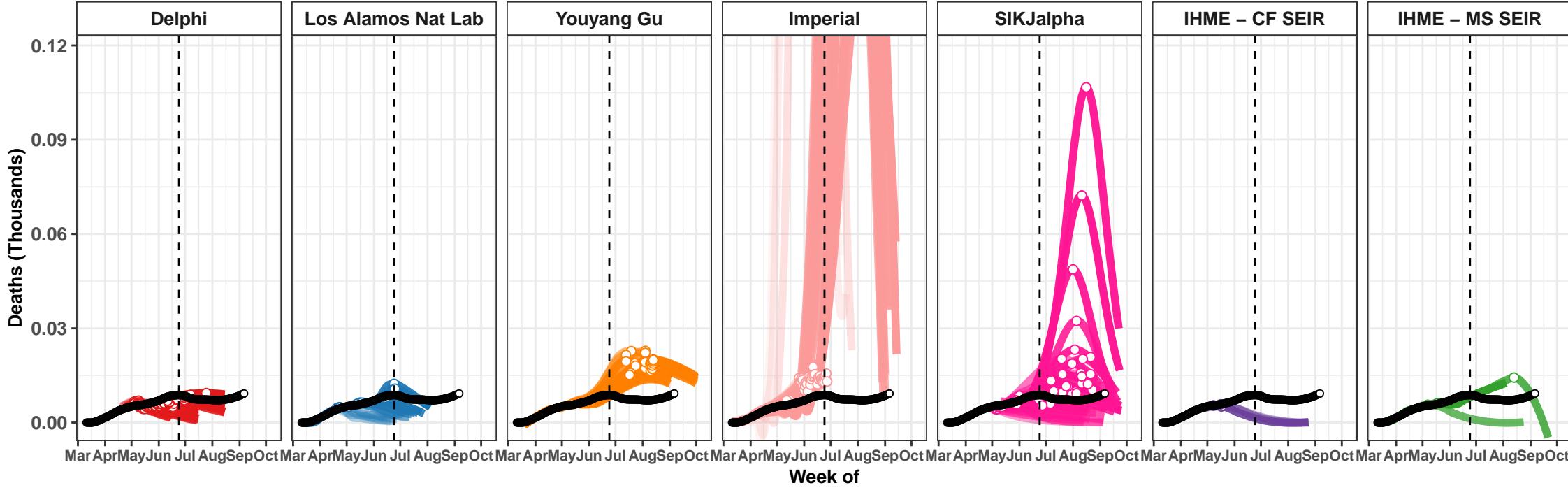
Actual and Predicted Peak

## Iowa – Smoothed Daily Deaths

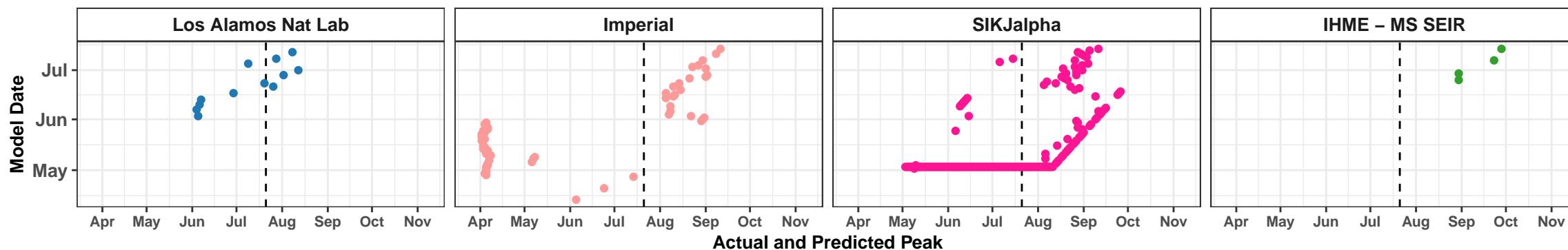
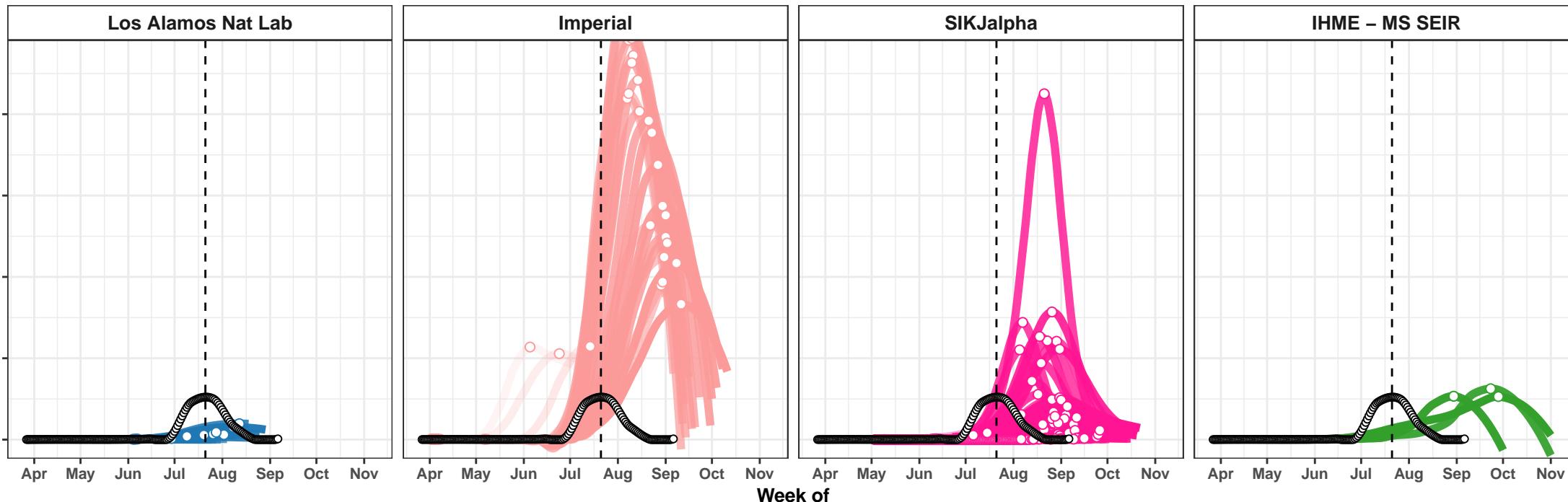


Actual and Predicted Peak

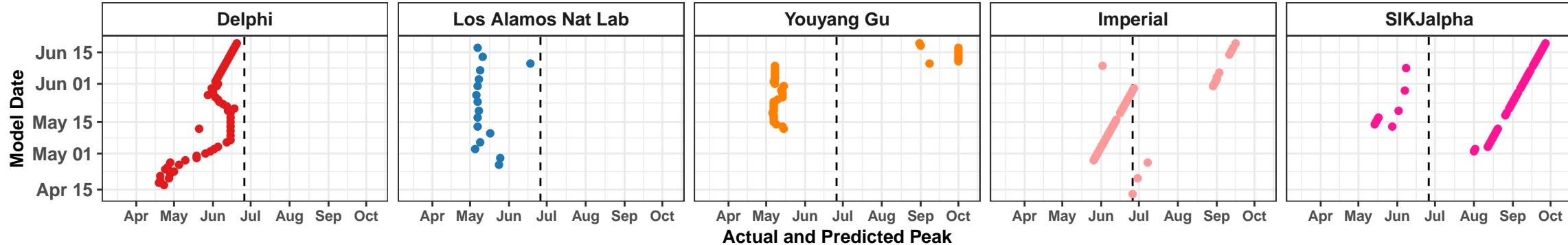
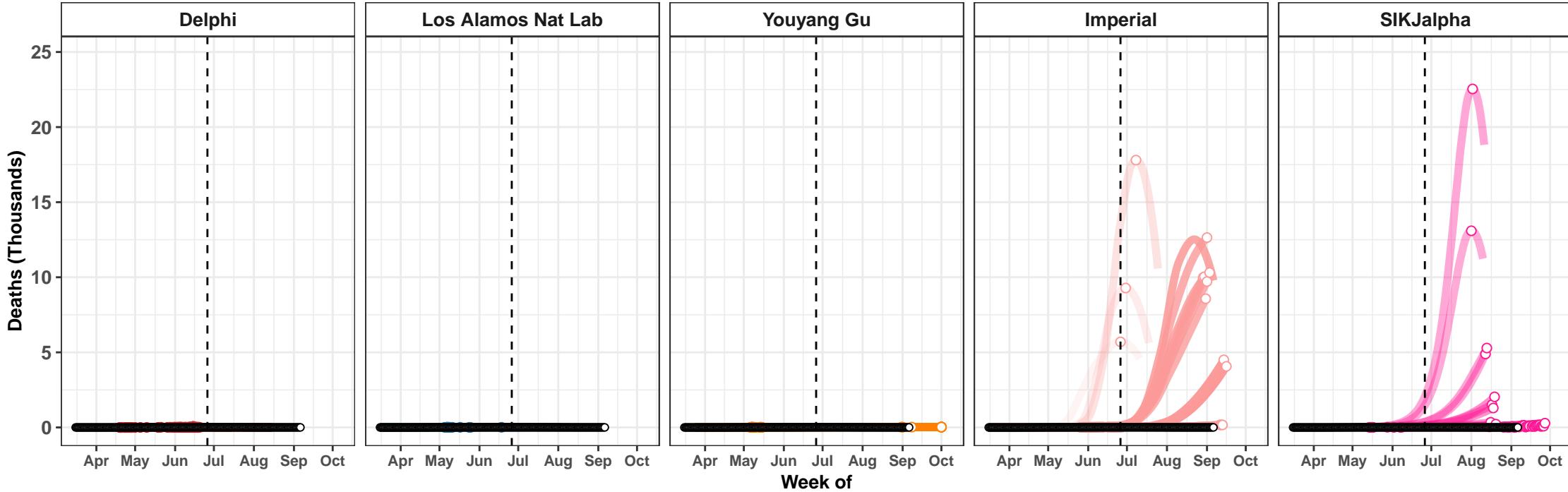
## Moldova – Smoothed Daily Deaths



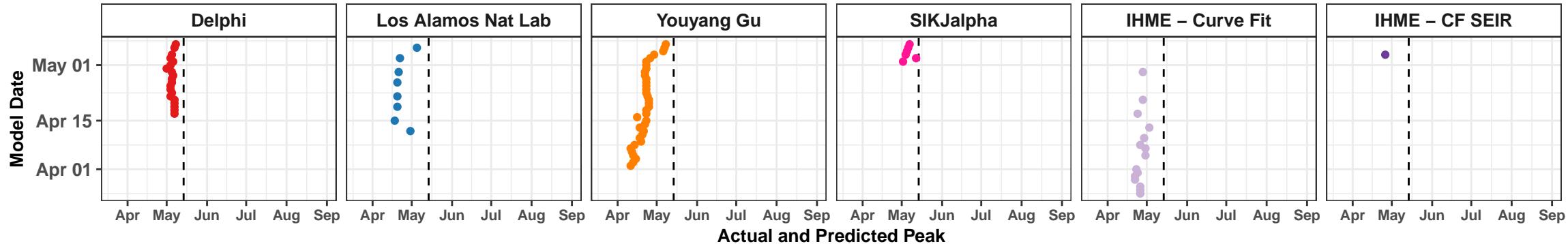
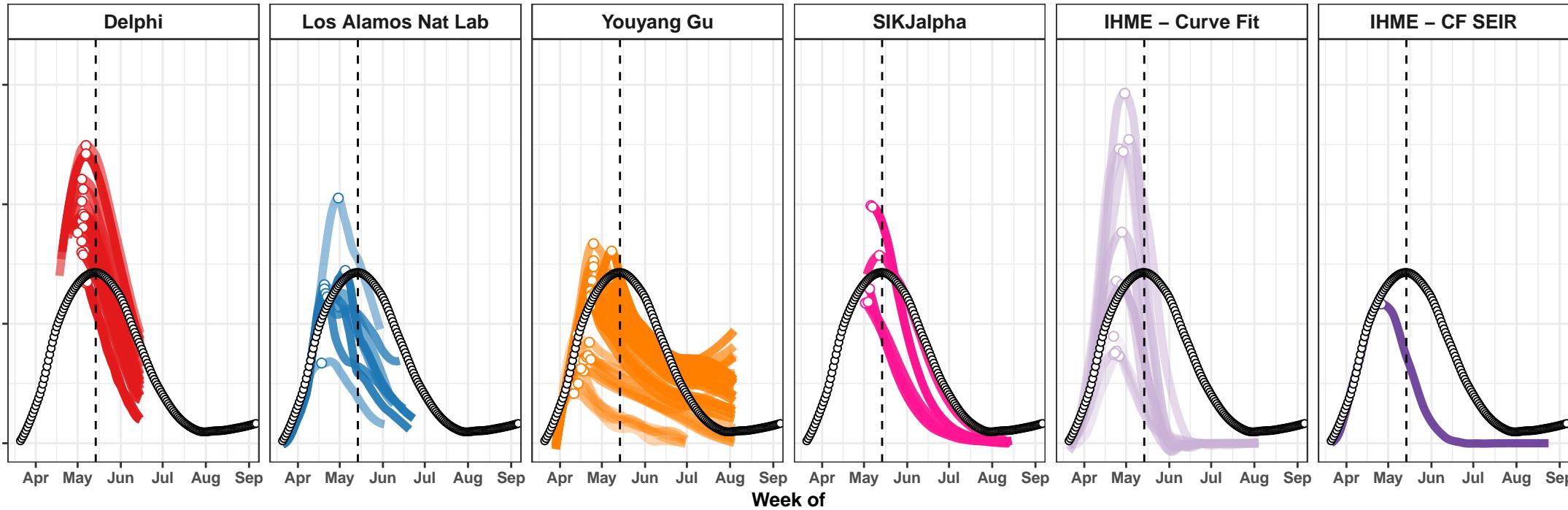
# Kyrgyzstan – Smoothed Daily Deaths



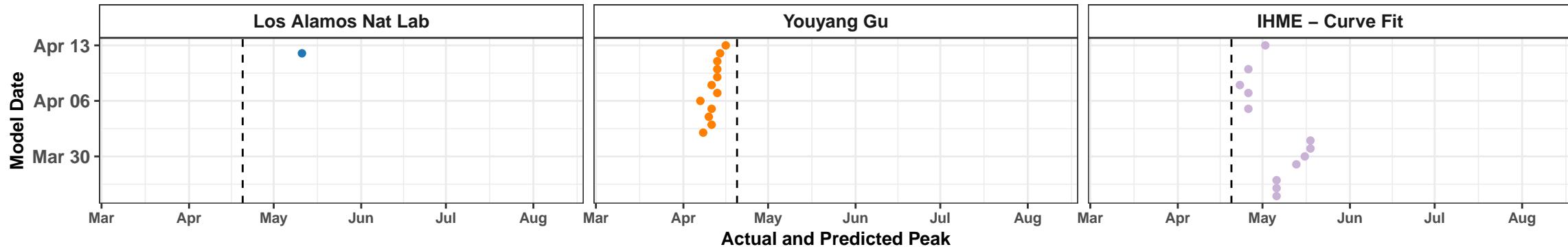
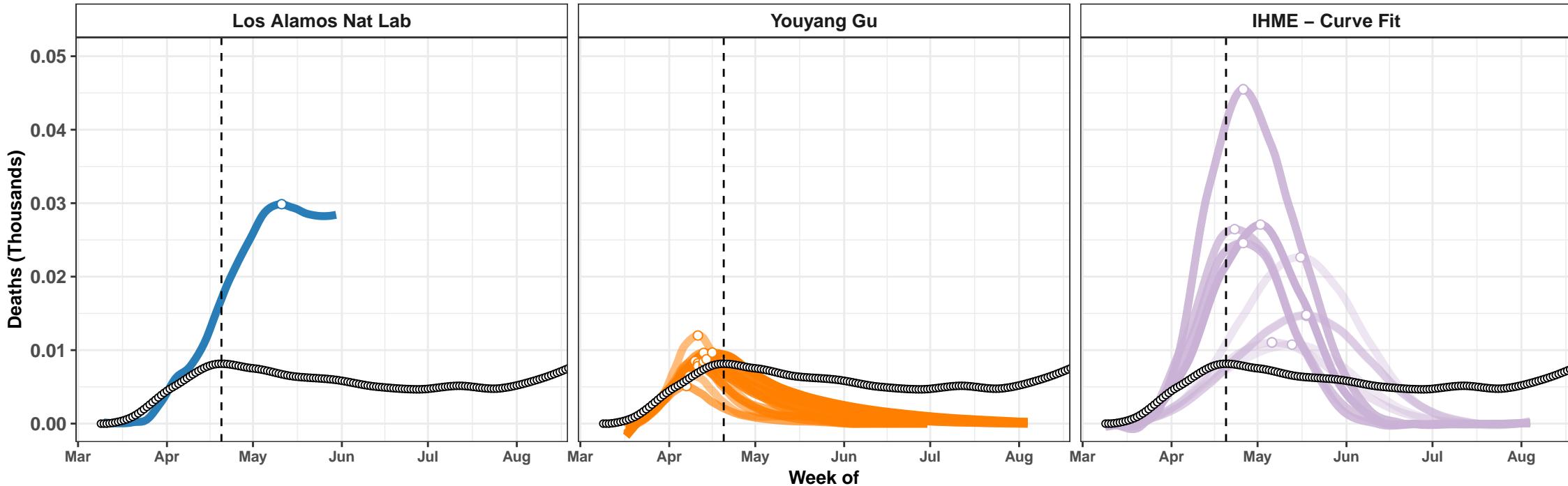
## Nigeria – Smoothed Daily Deaths



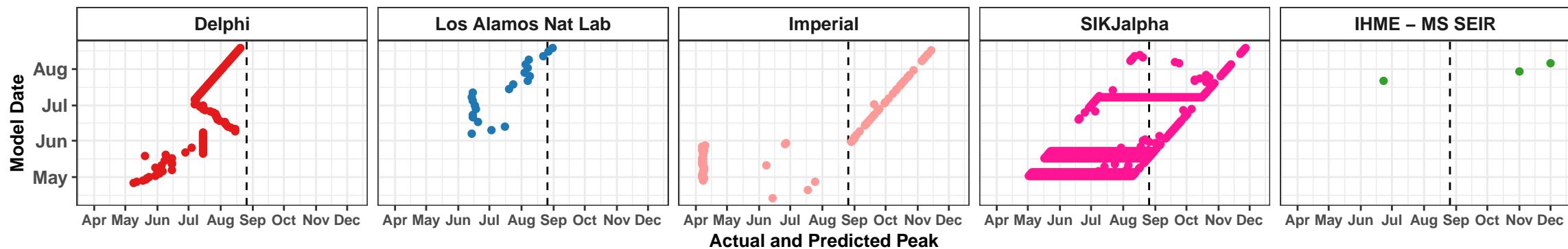
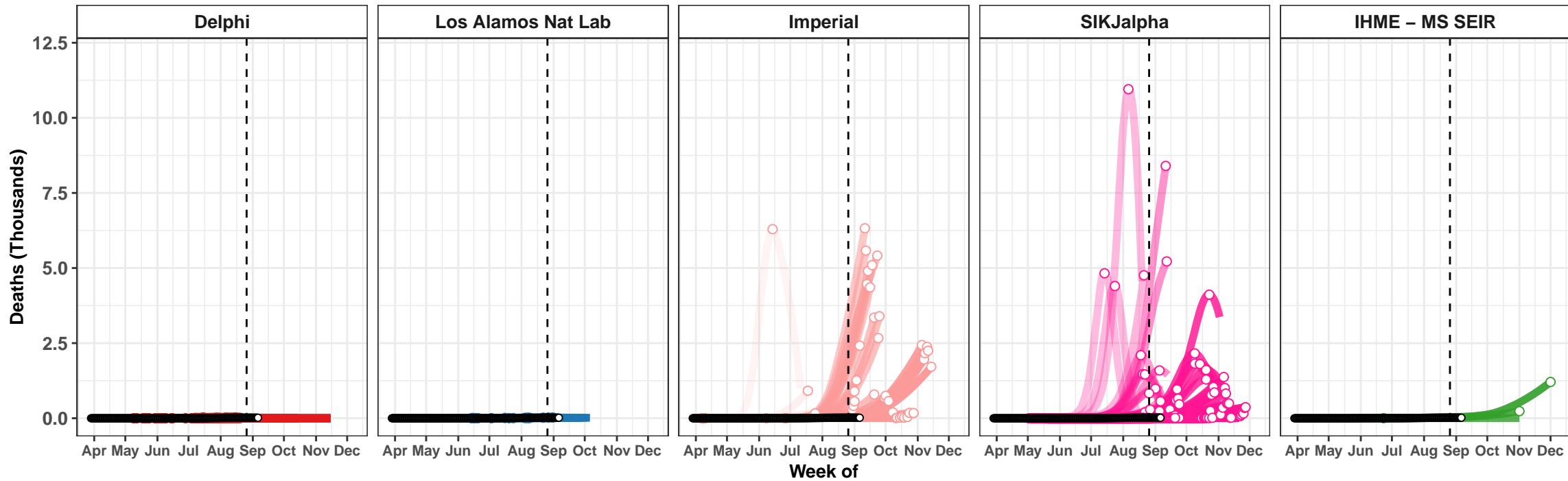
## Rhode Island – Smoothed Daily Deaths



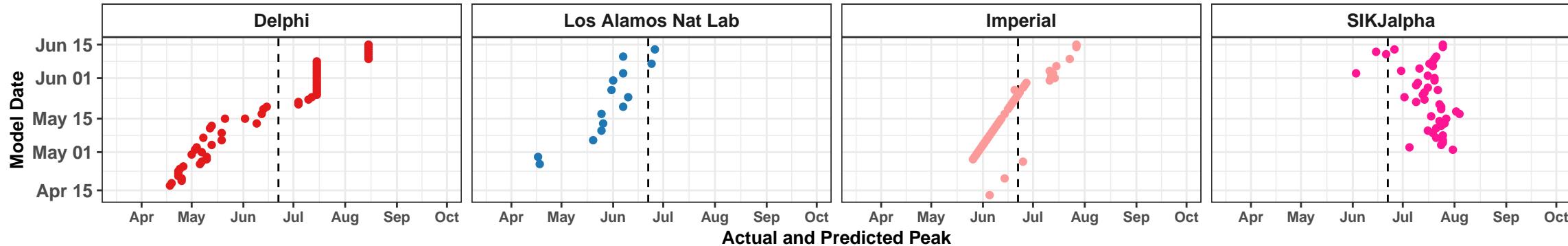
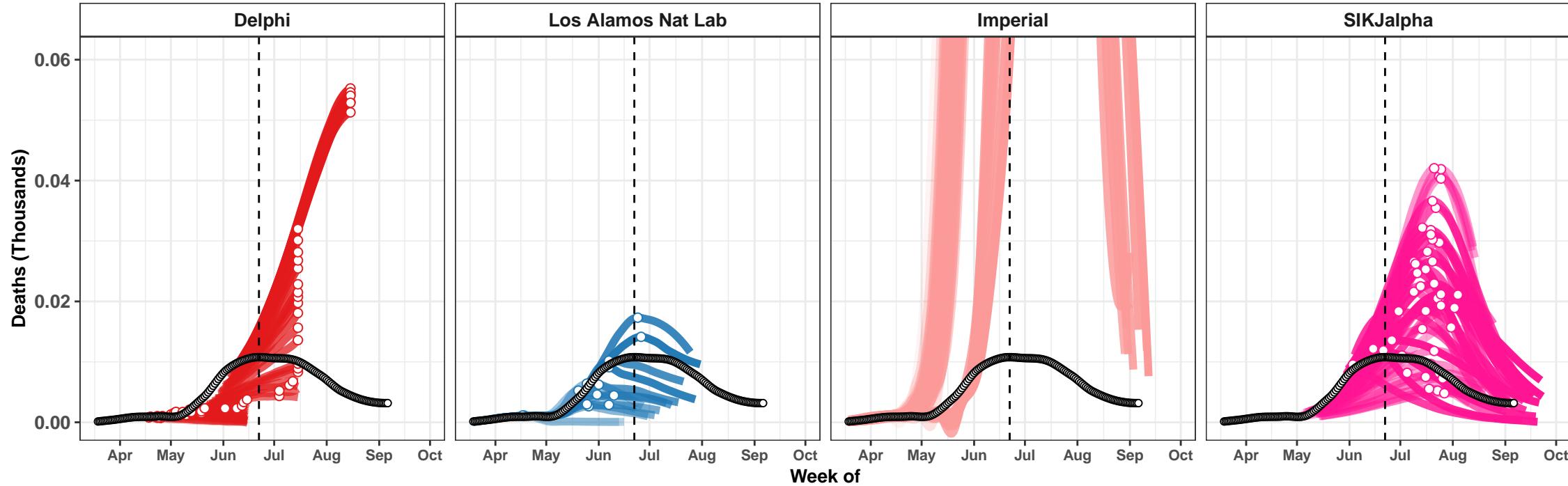
## Kentucky – Smoothed Daily Deaths



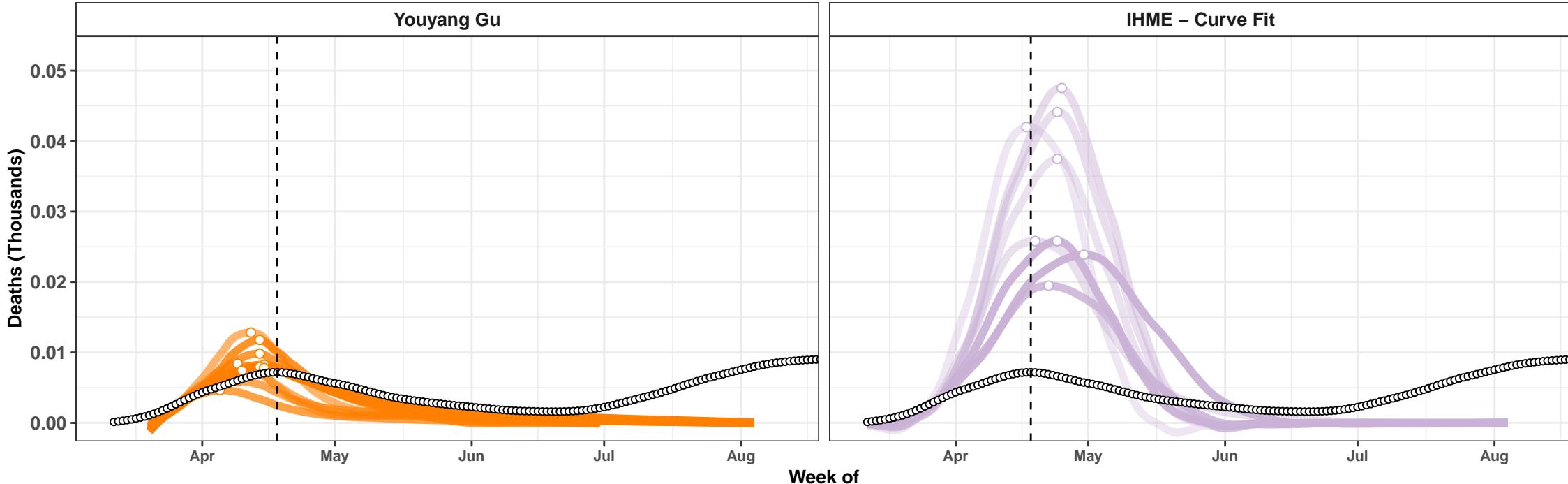
## Ethiopia – Smoothed Daily Deaths



## Armenia – Smoothed Daily Deaths



## Oklahoma – Smoothed Daily Deaths

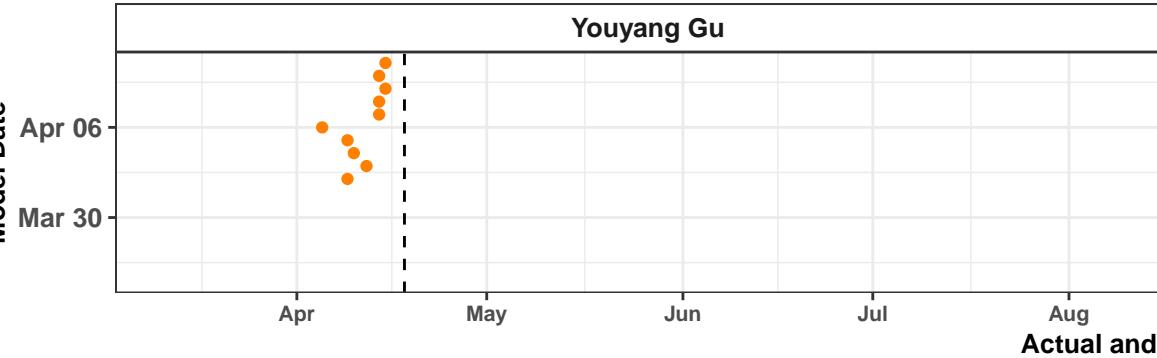


Youyang Gu

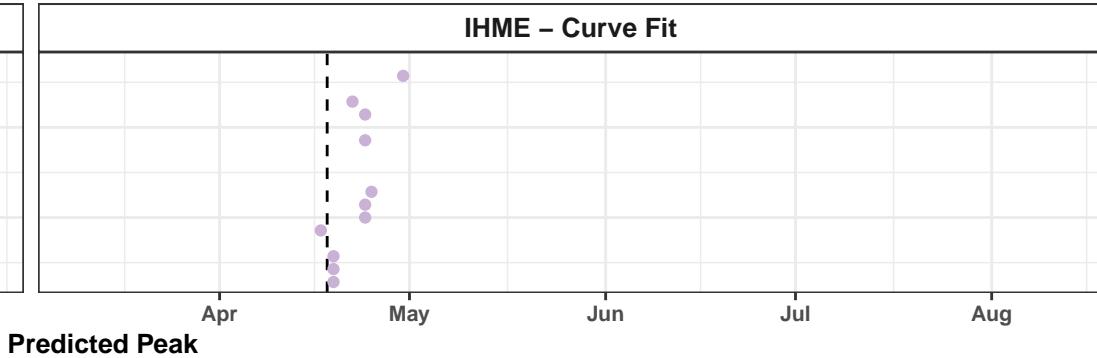
Actual and Predicted Peak

IHME – Curve Fit

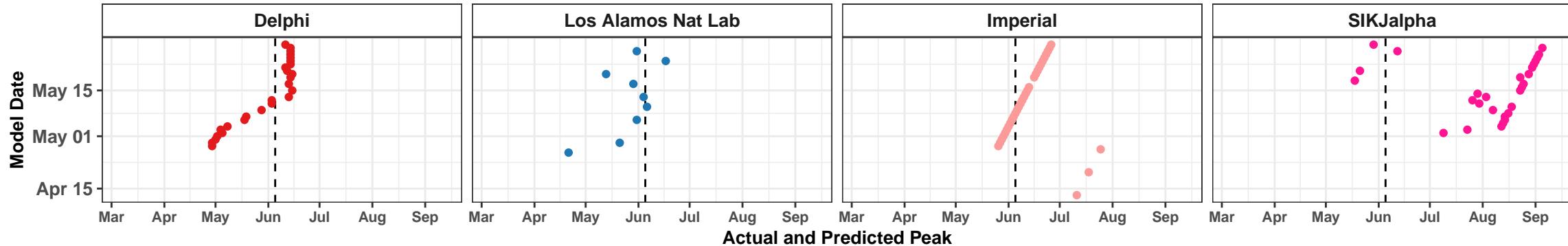
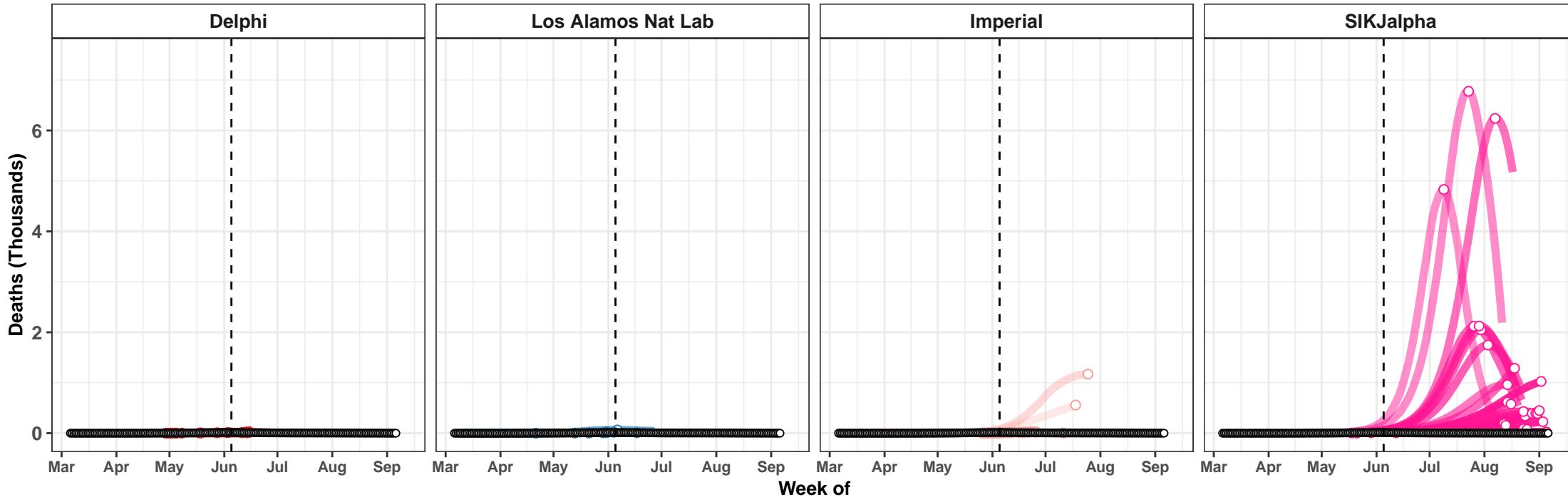
Model Date



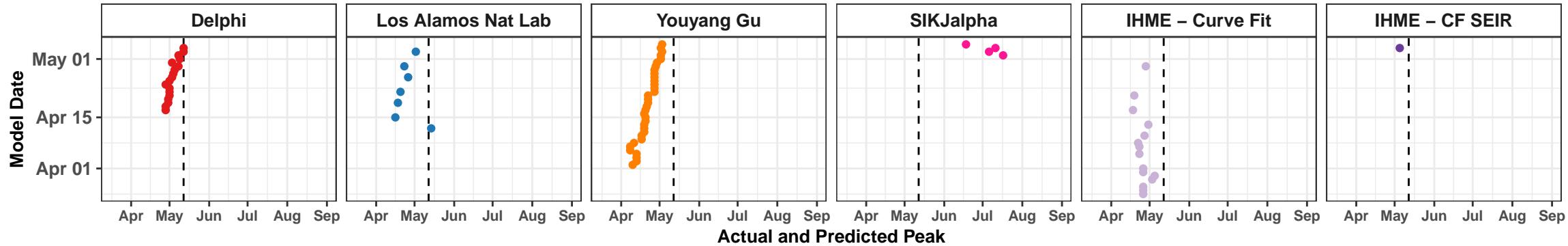
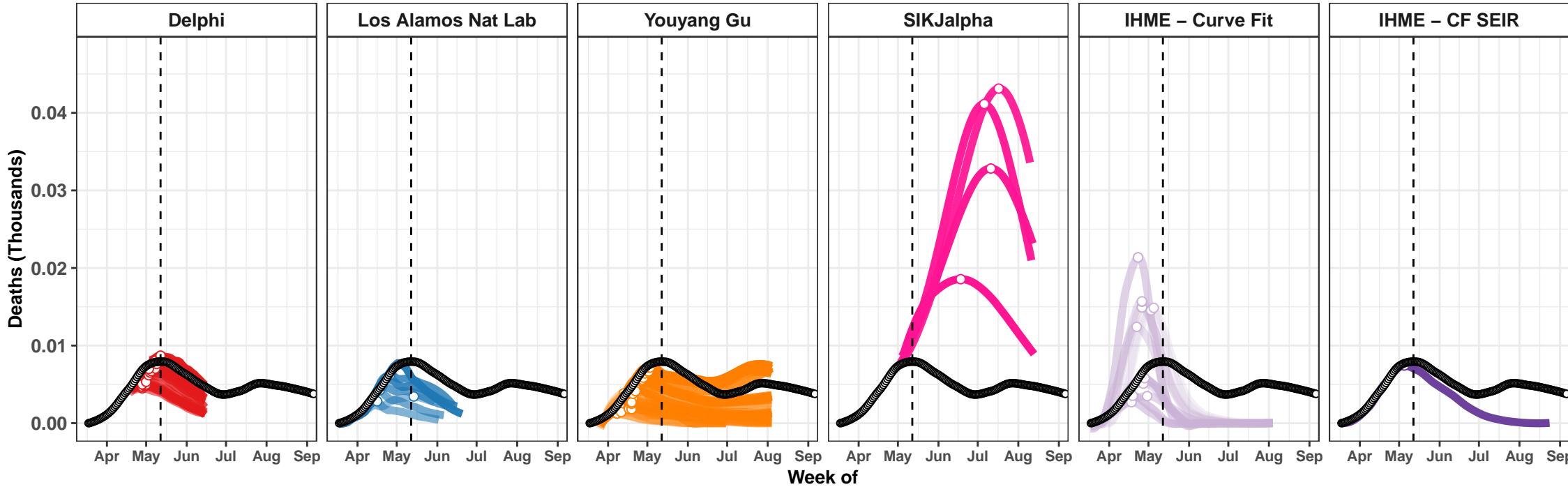
Actual and Predicted Peak



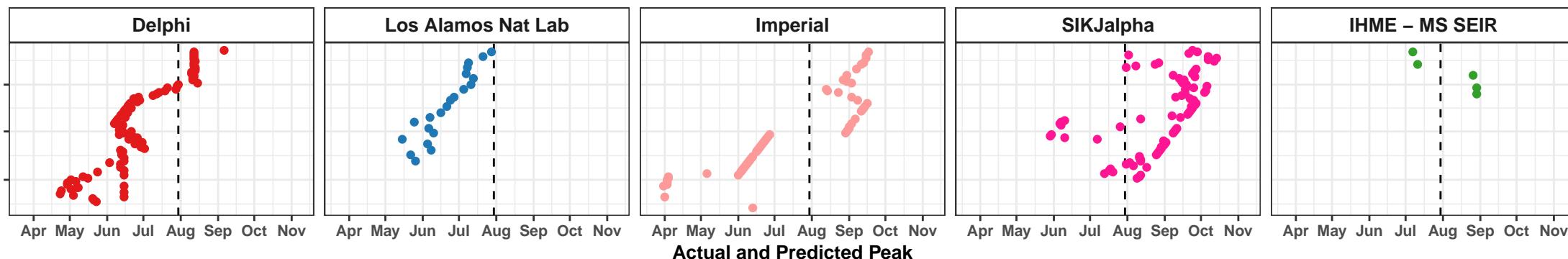
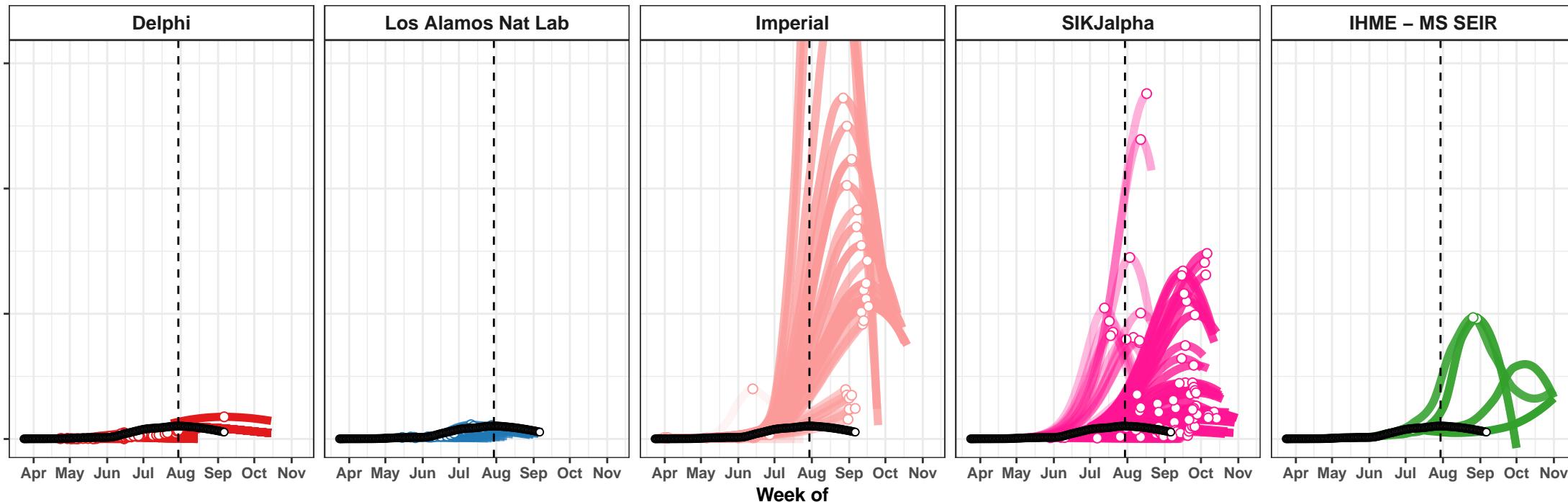
## Sudan – Smoothed Daily Deaths



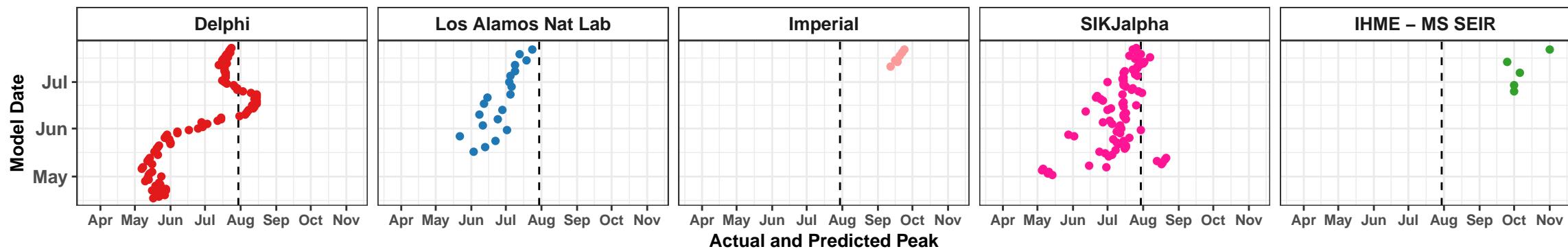
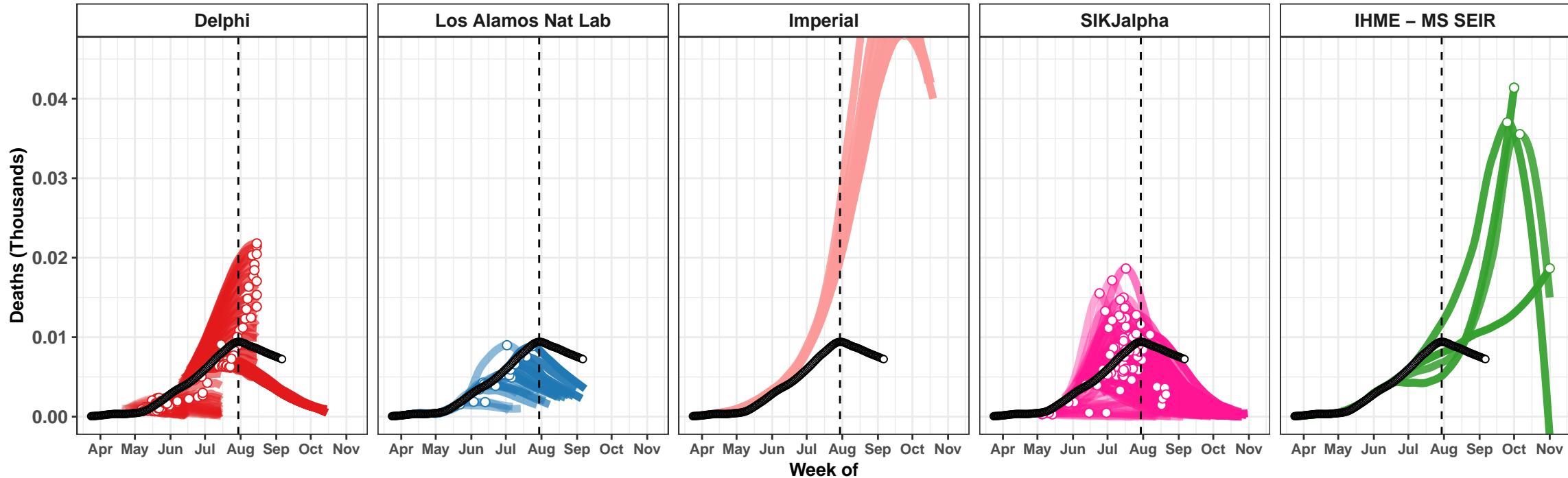
## New Mexico – Smoothed Daily Deaths



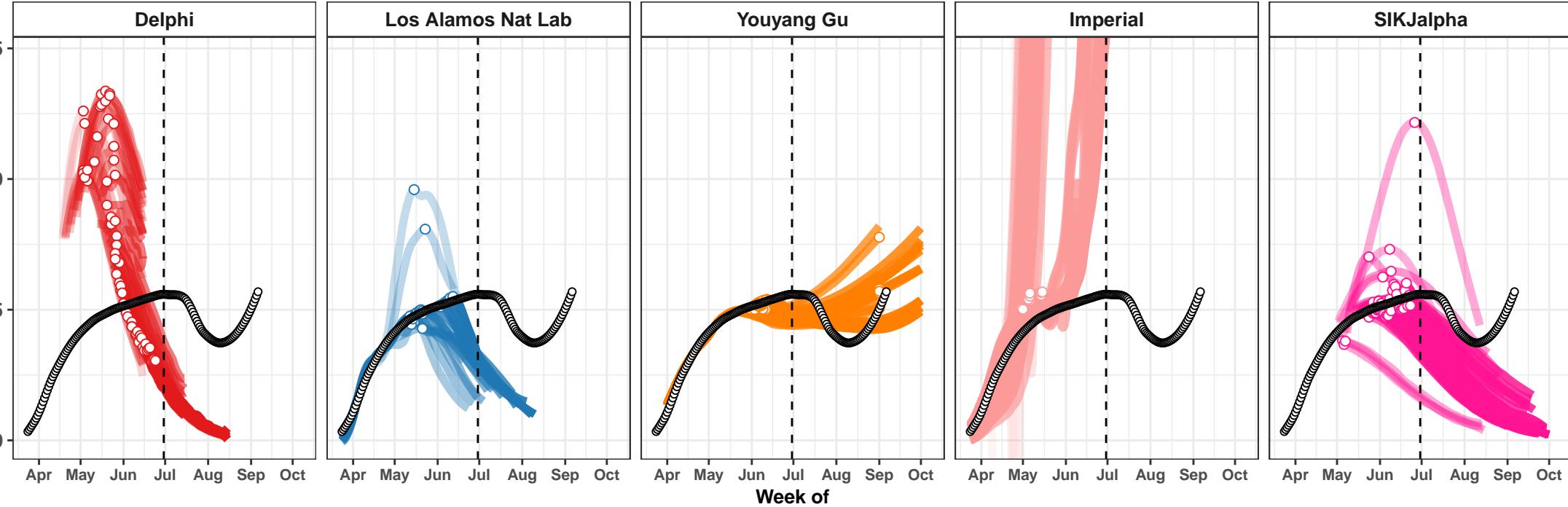
# El Salvador – Smoothed Daily Deaths



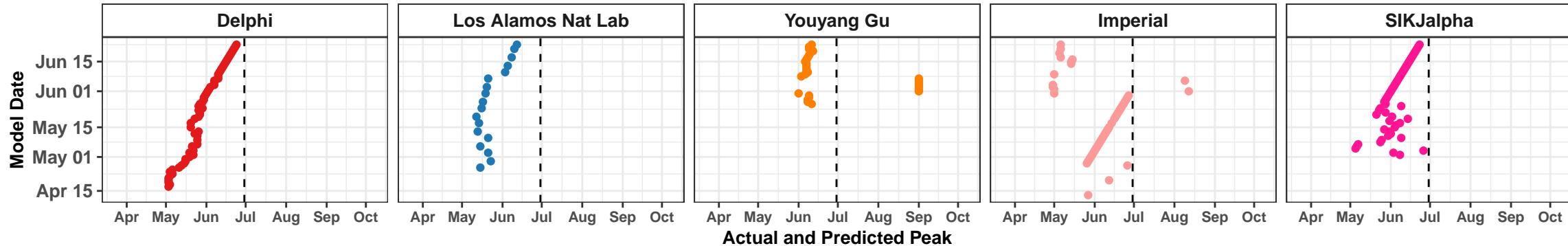
## Oman – Smoothed Daily Deaths



## Belarus – Smoothed Daily Deaths

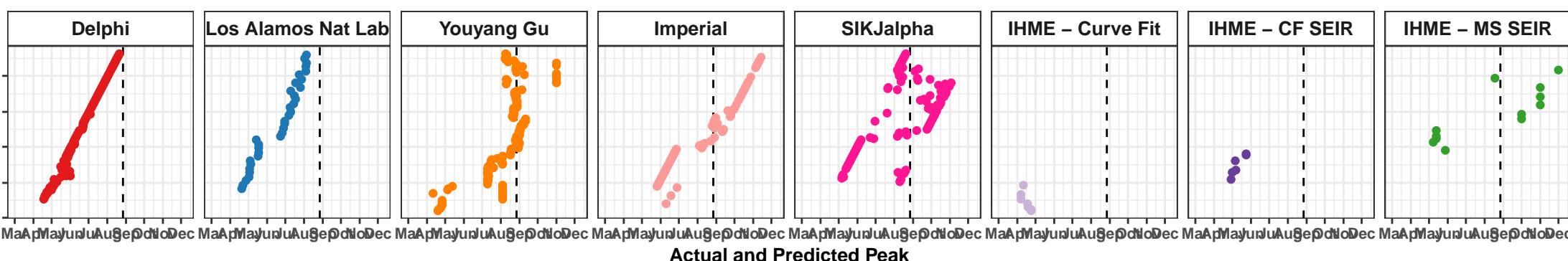
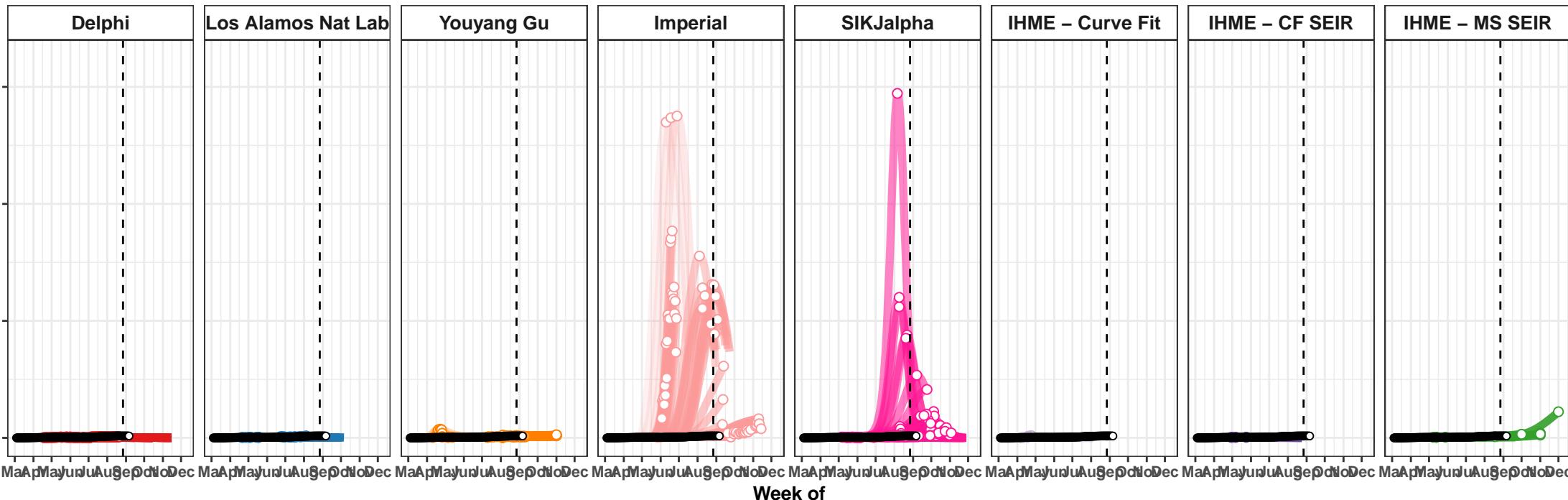


Week of

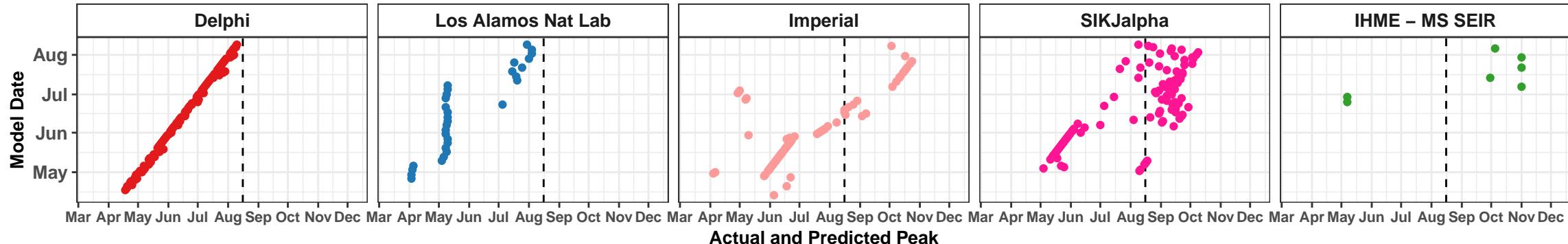
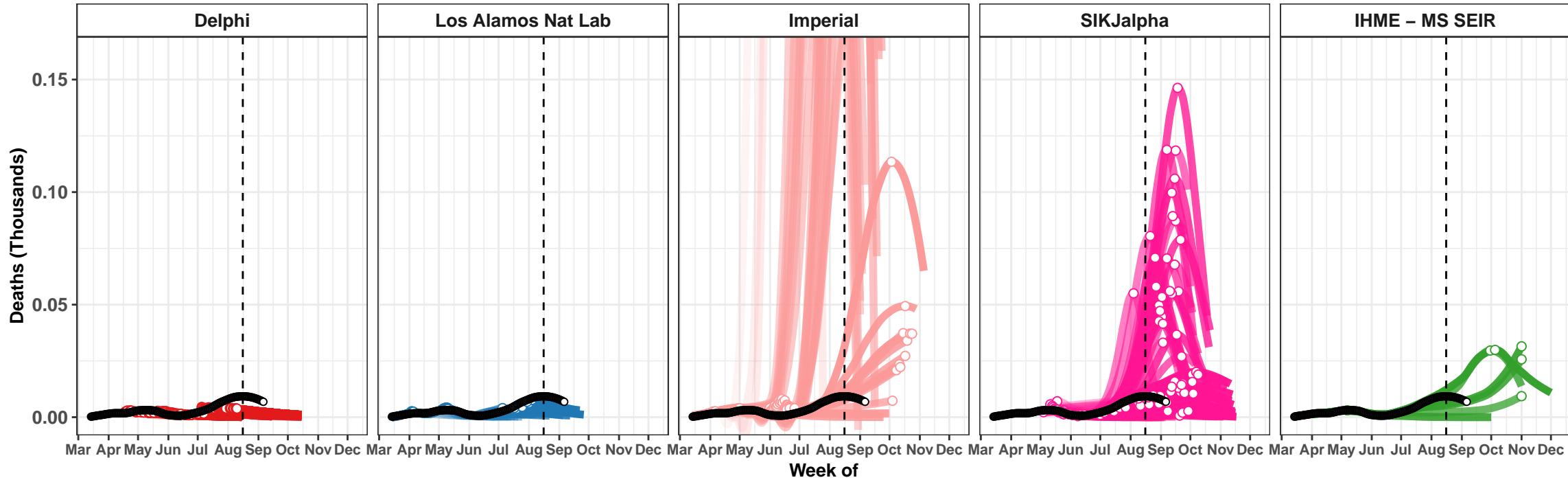


Actual and Predicted Peak

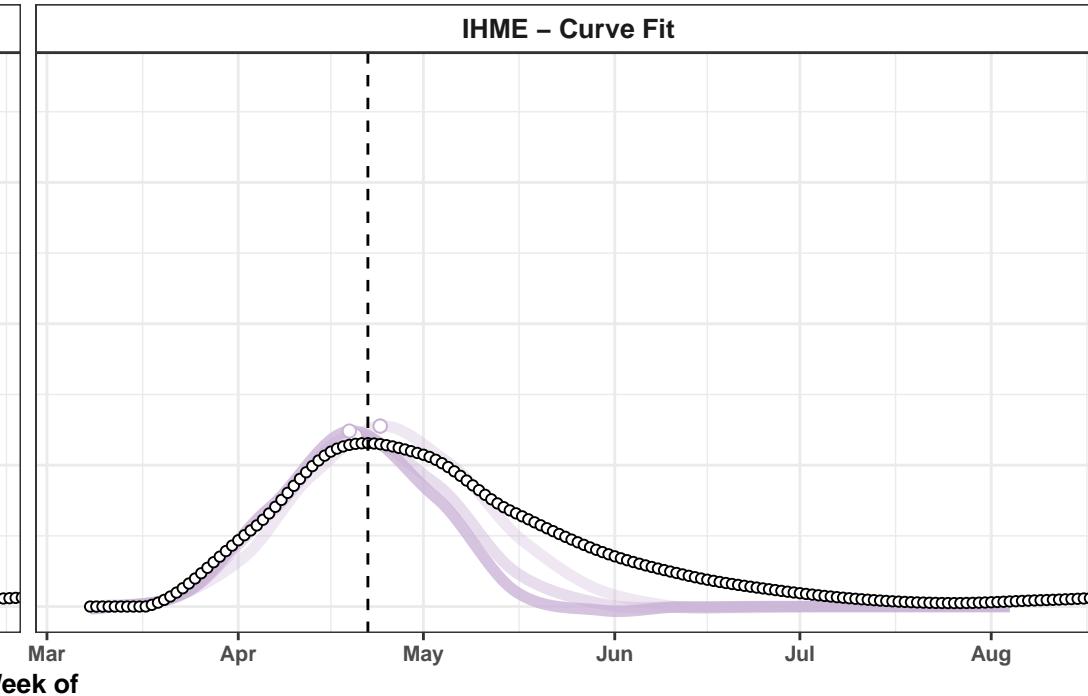
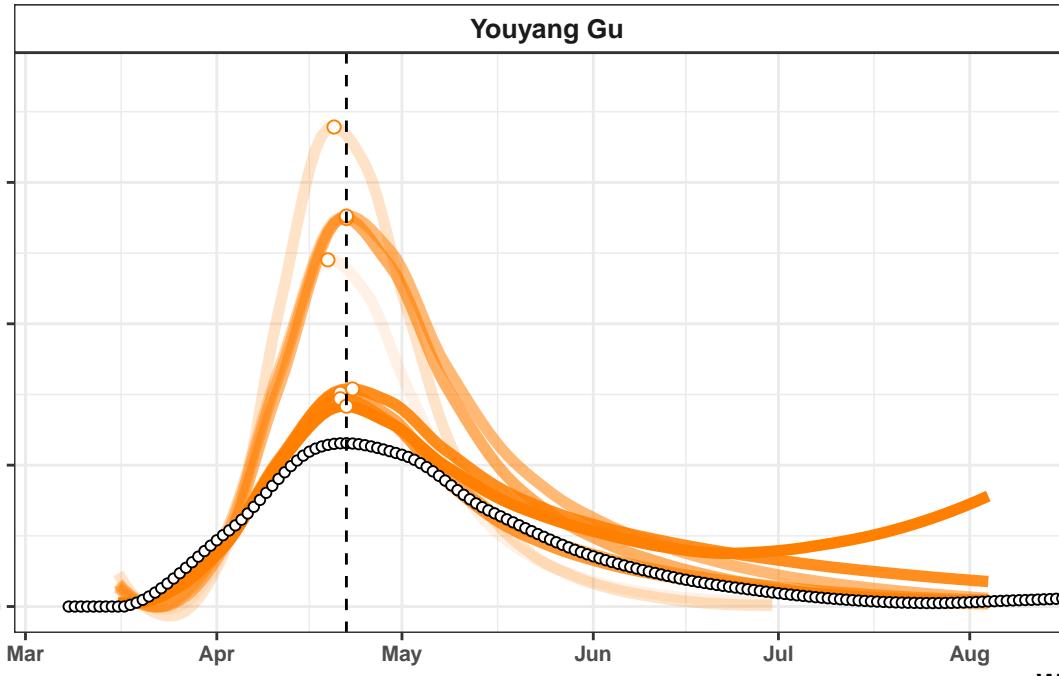
## Bulgaria – Smoothed Daily Deaths



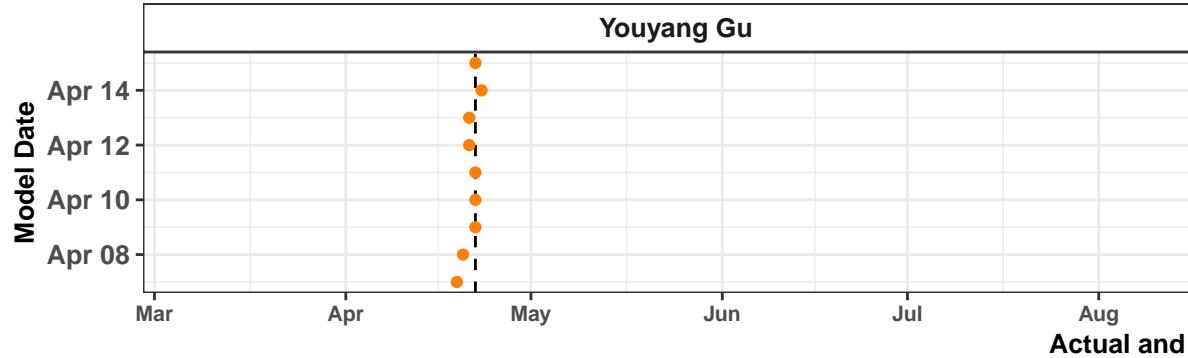
## Bosnia and Herzegovina – Smoothed Daily Deaths



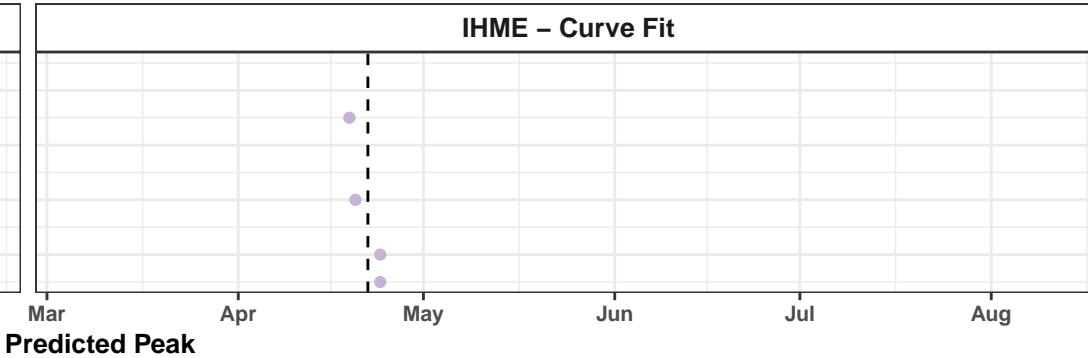
## Hungary – Smoothed Daily Deaths



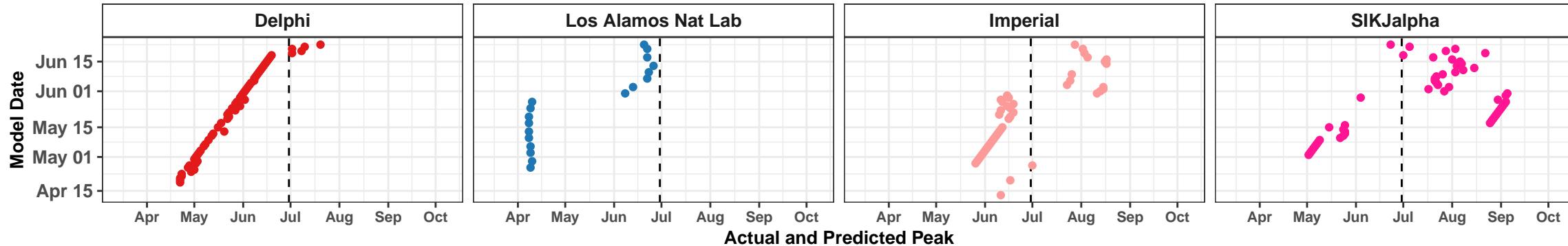
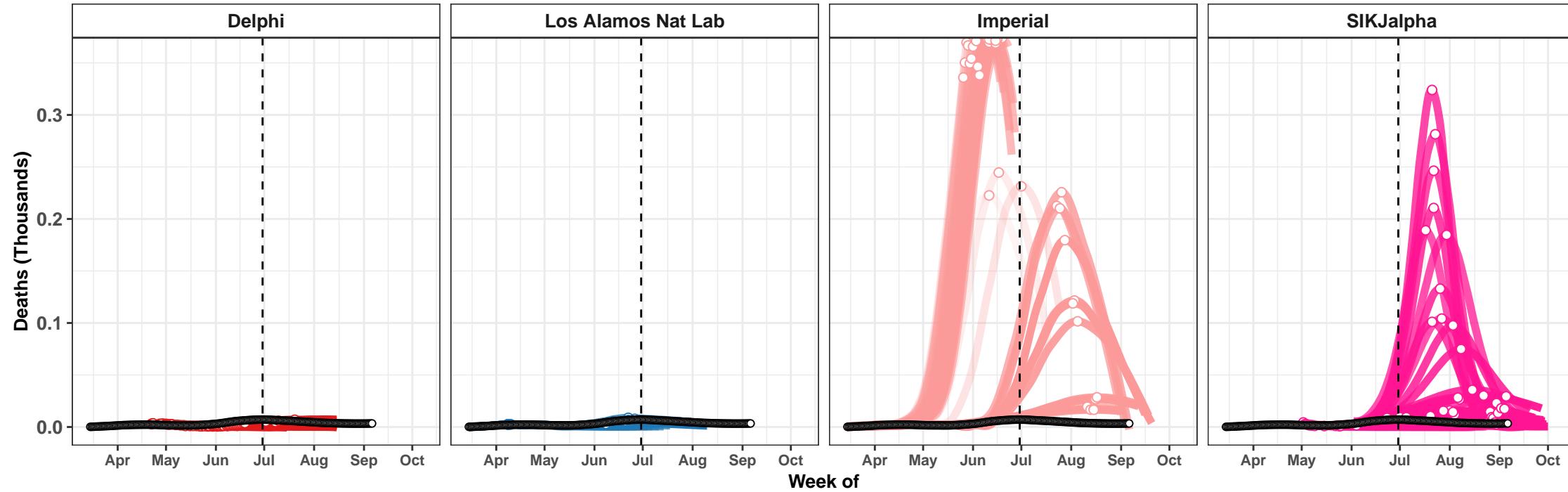
Youyang Gu



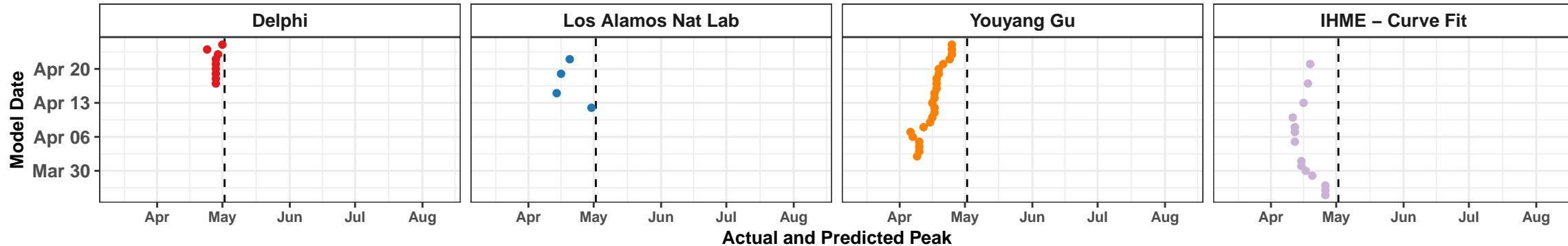
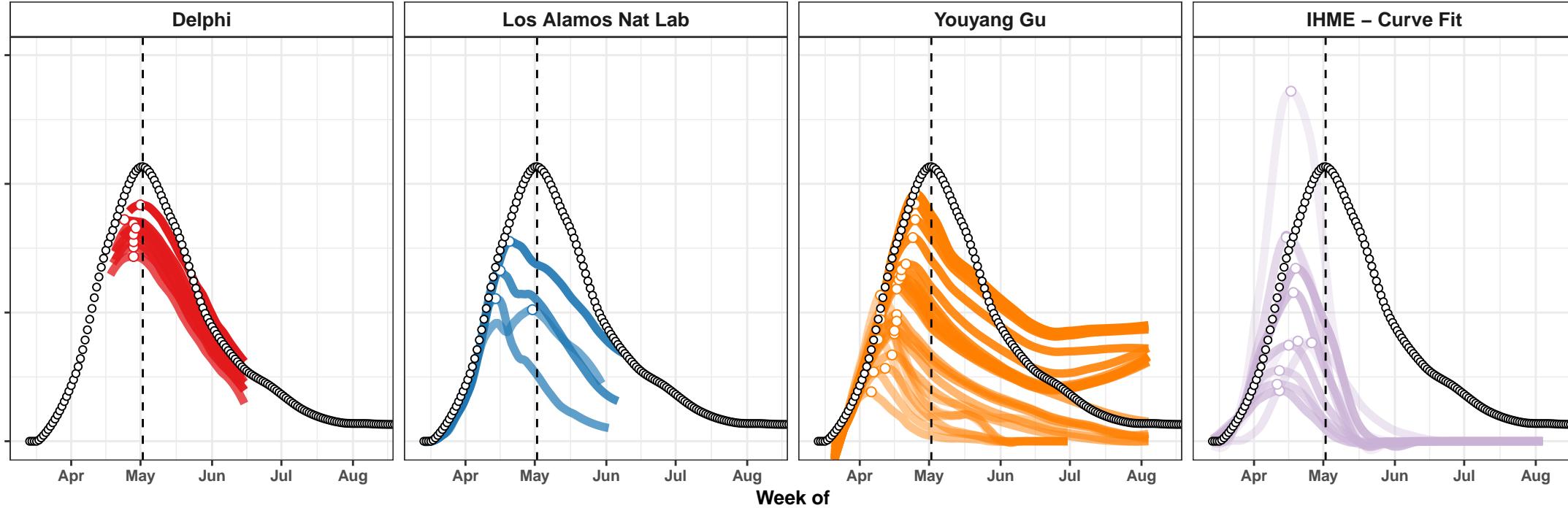
IHME – Curve Fit



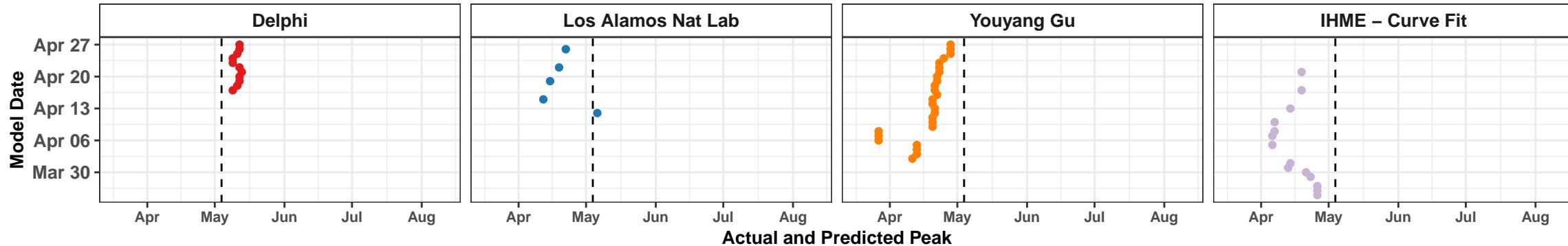
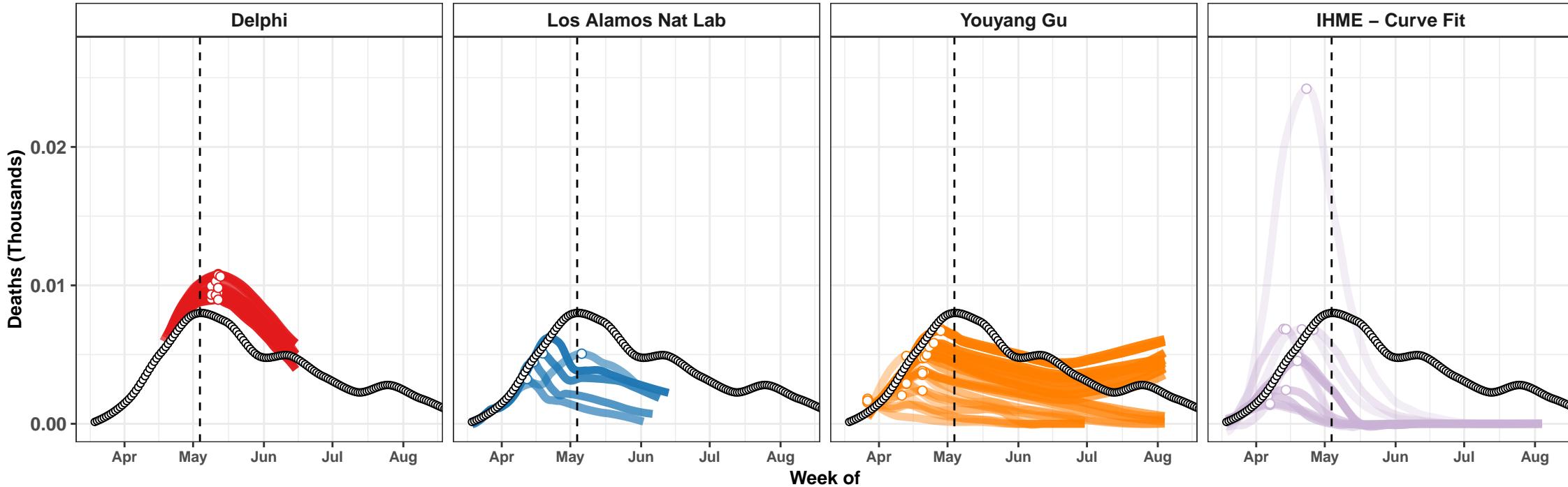
## Macedonia – Smoothed Daily Deaths



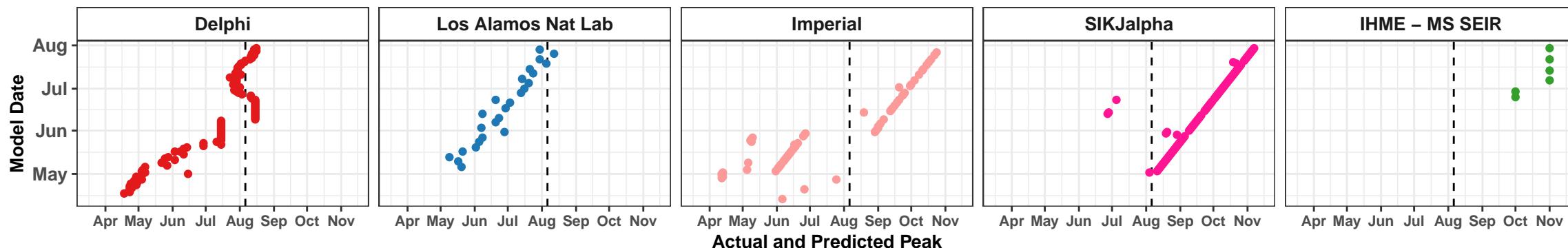
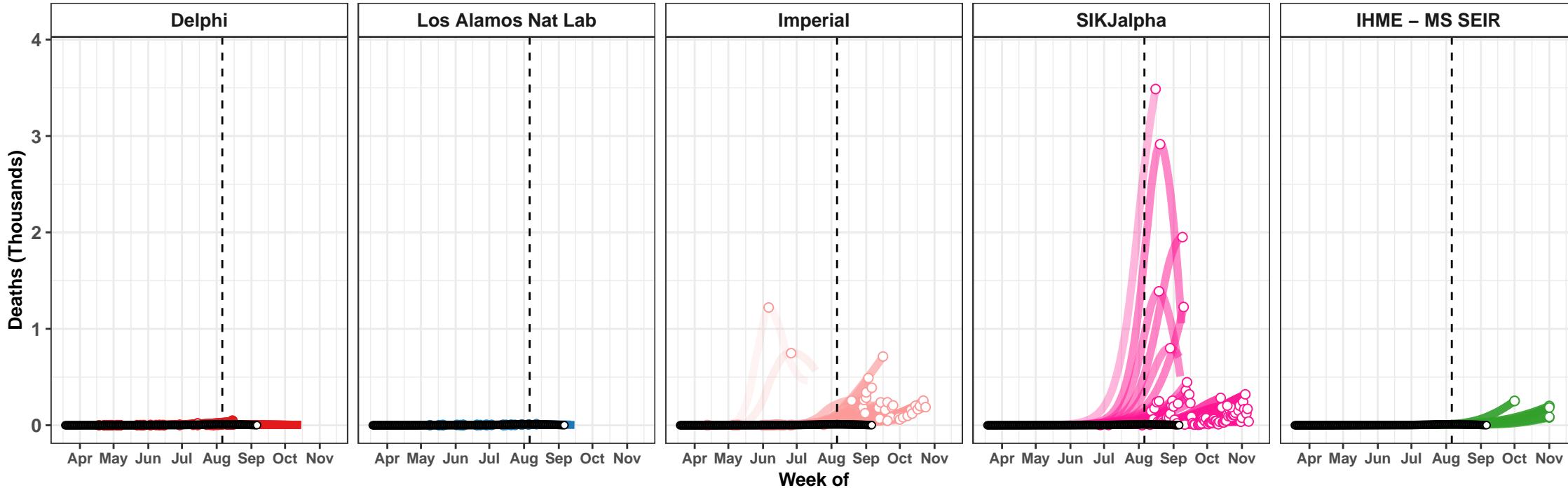
## District of Columbia – Smoothed Daily Deaths



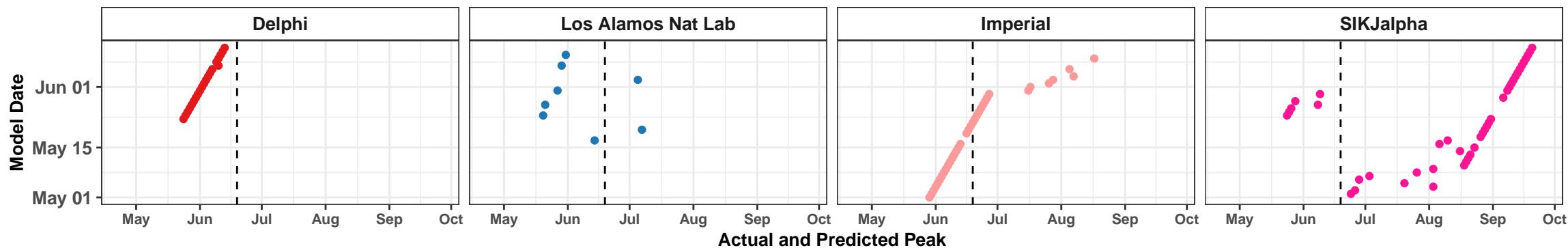
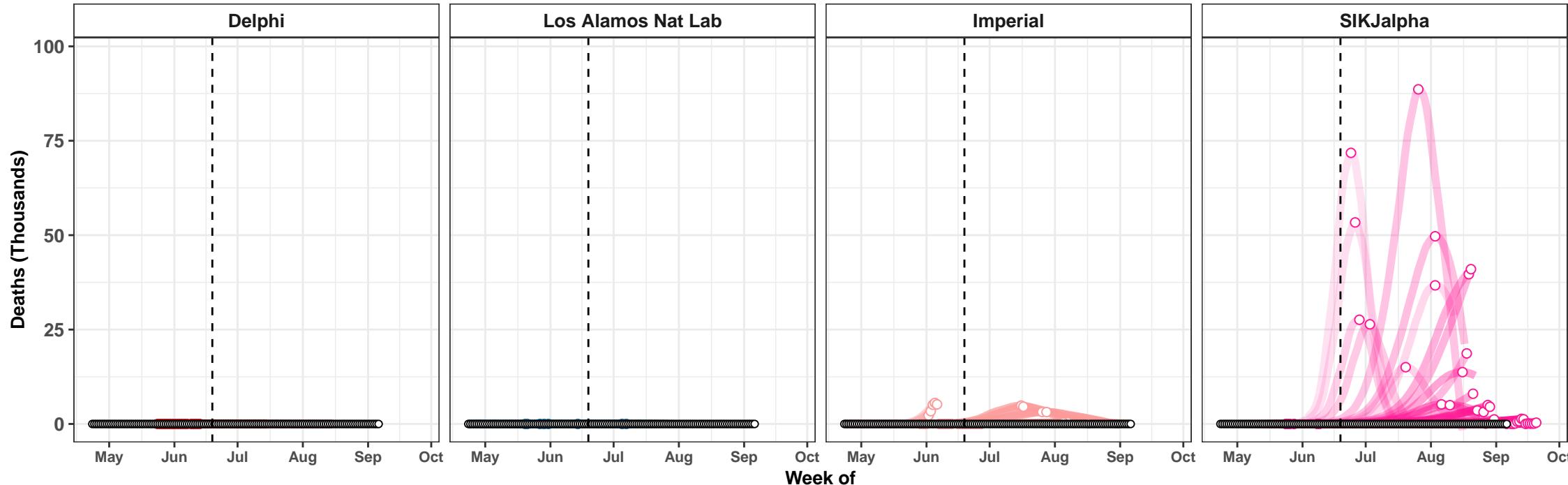
## Delaware – Smoothed Daily Deaths



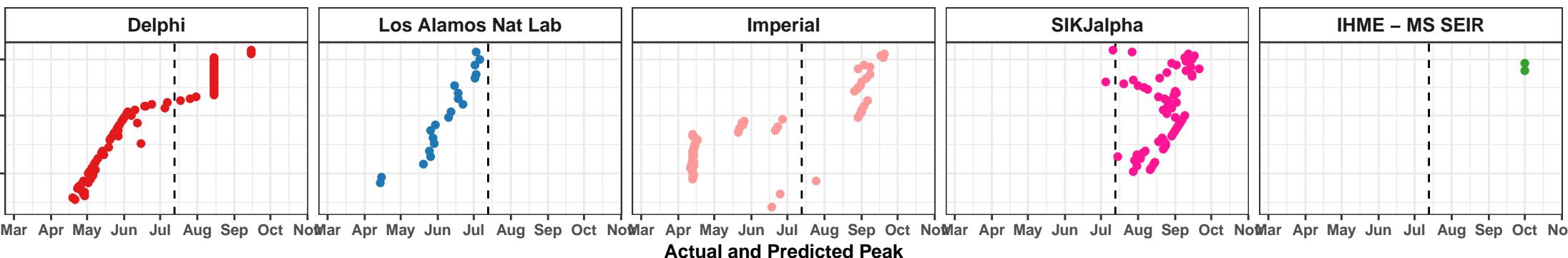
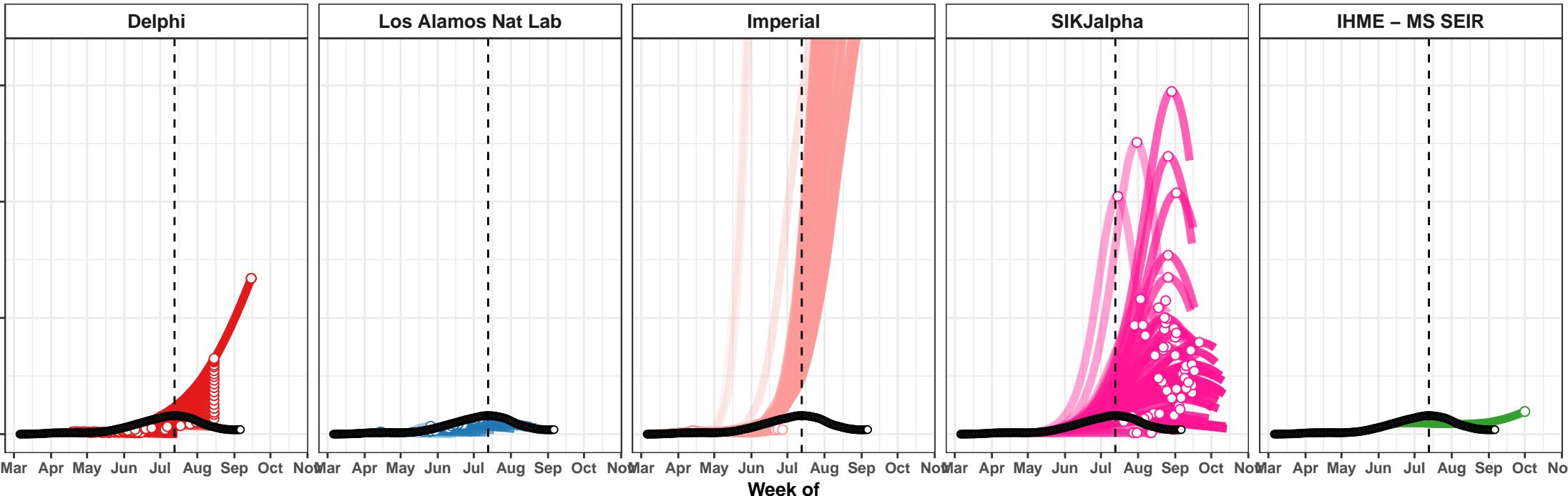
## Kenya – Smoothed Daily Deaths



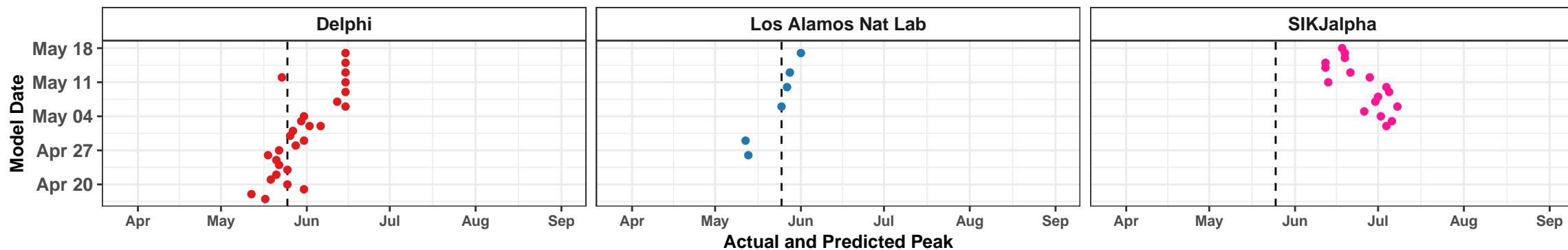
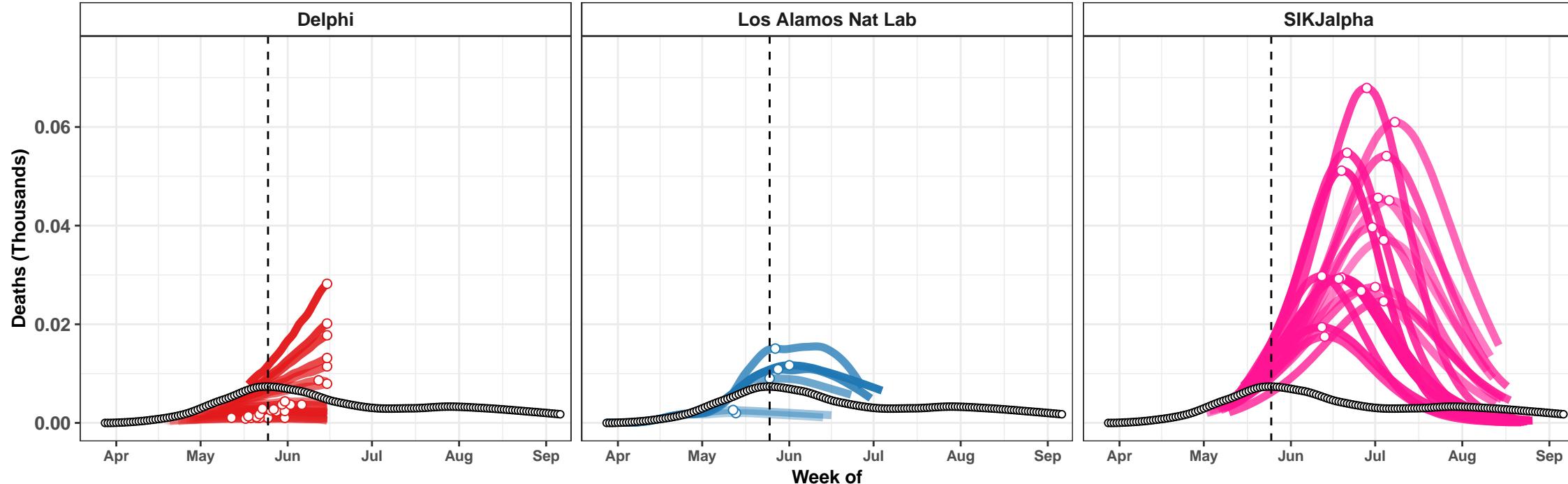
## Yemen – Smoothed Daily Deaths



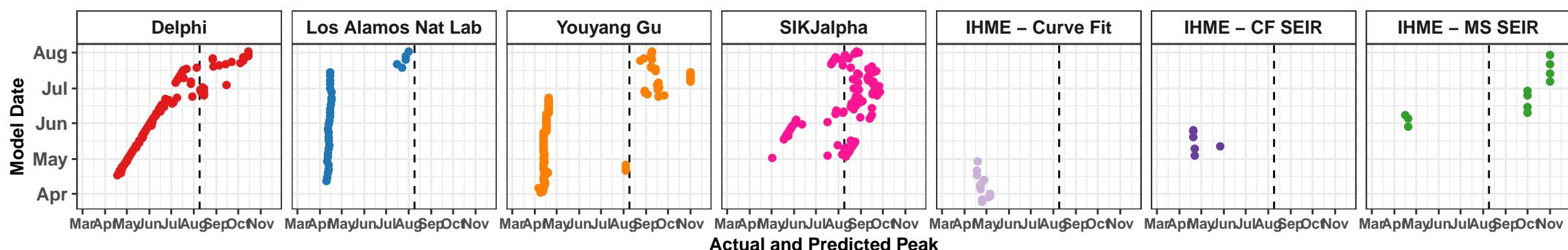
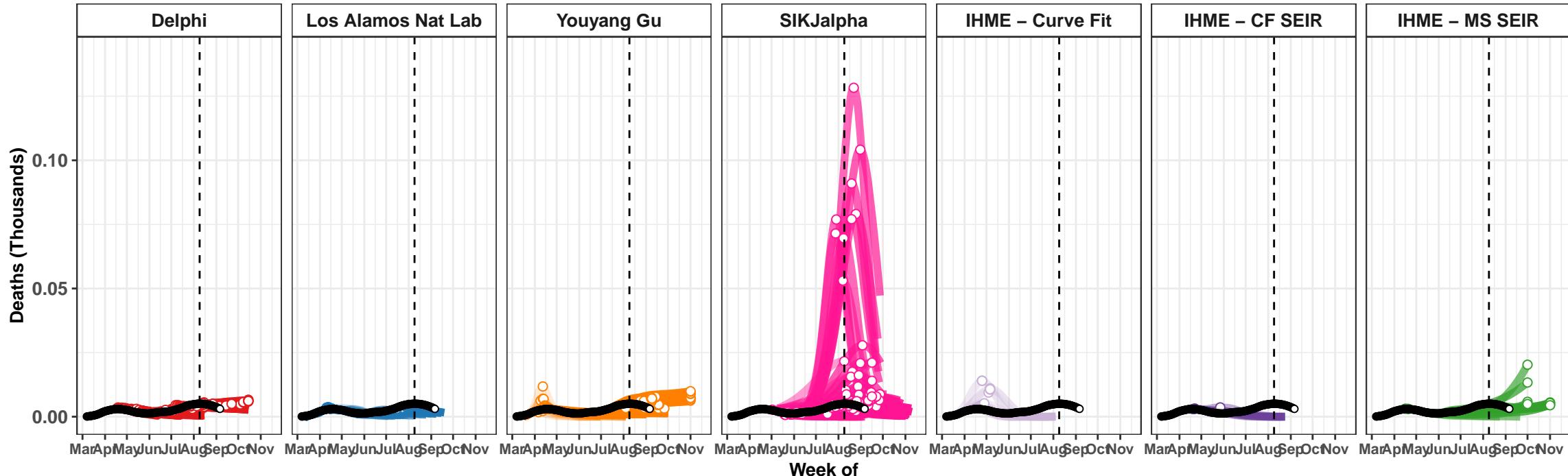
## Azerbaijan – Smoothed Daily Deaths



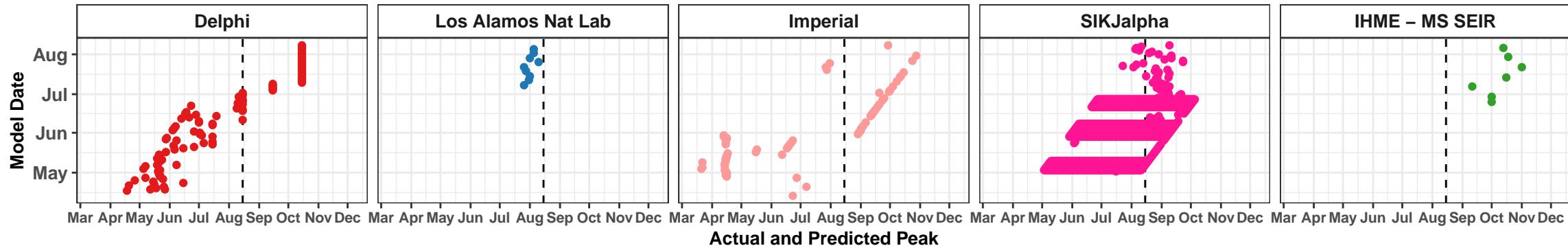
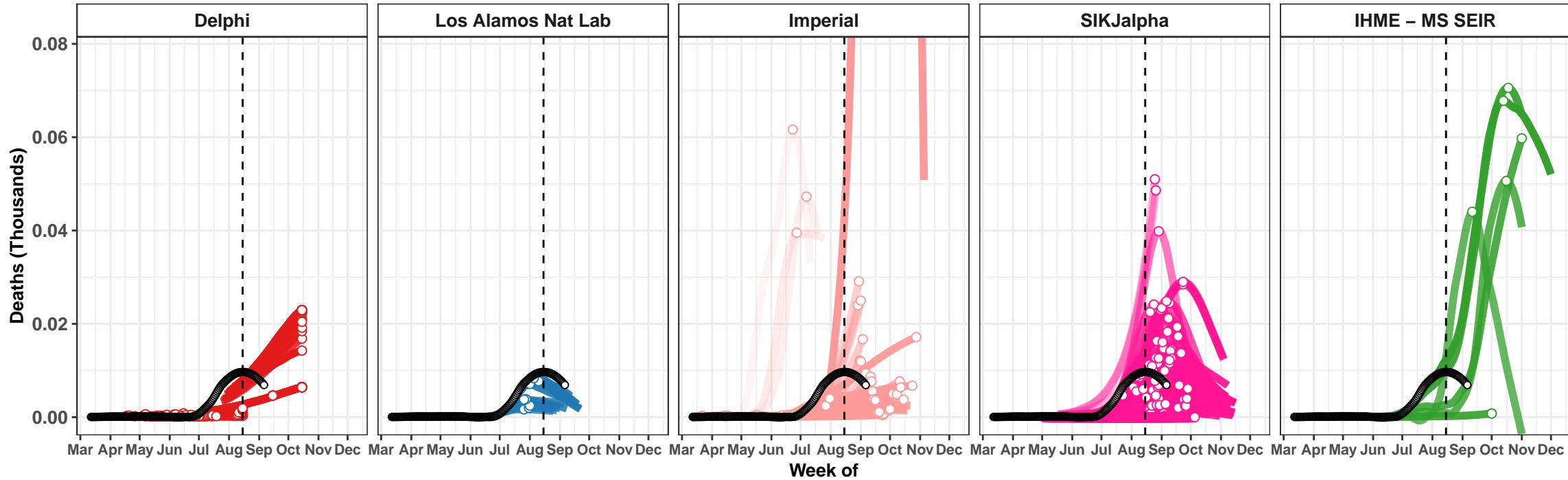
## Kuwait – Smoothed Daily Deaths



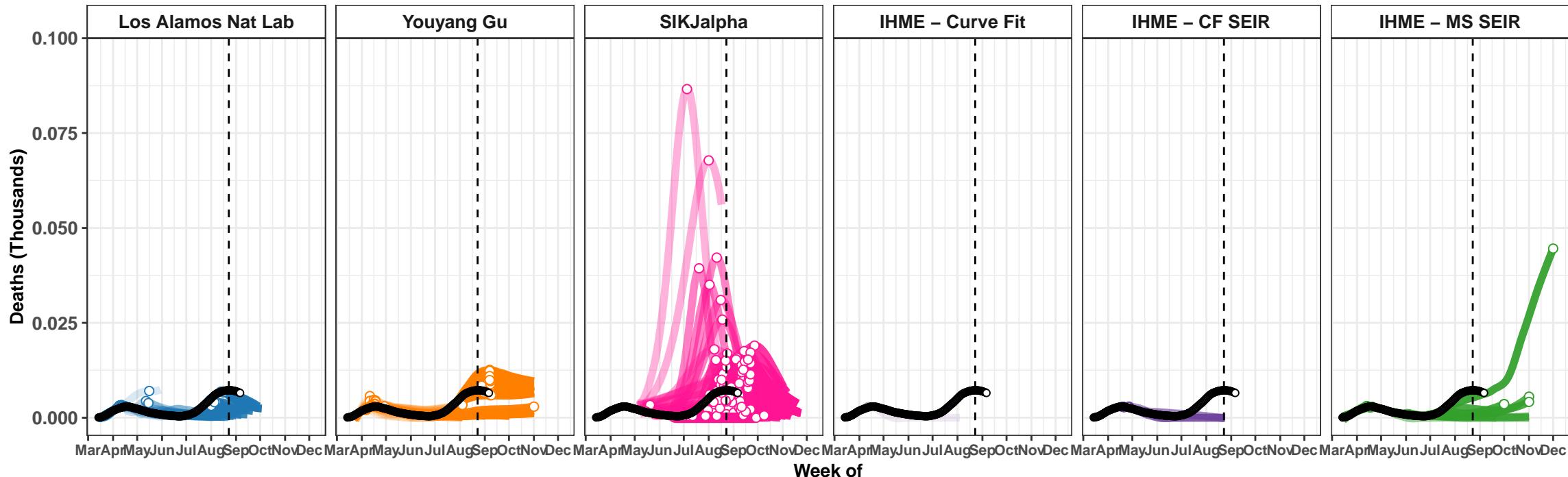
## Oregon – Smoothed Daily Deaths



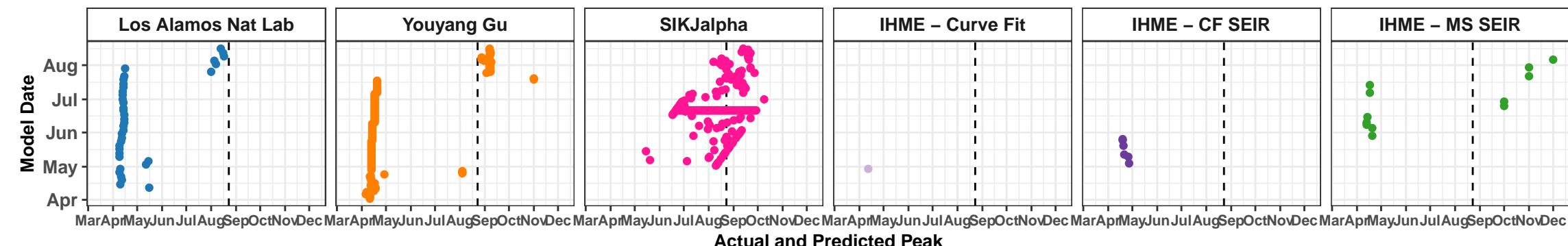
## Costa Rica – Smoothed Daily Deaths



# Puerto Rico – Smoothed Daily Deaths

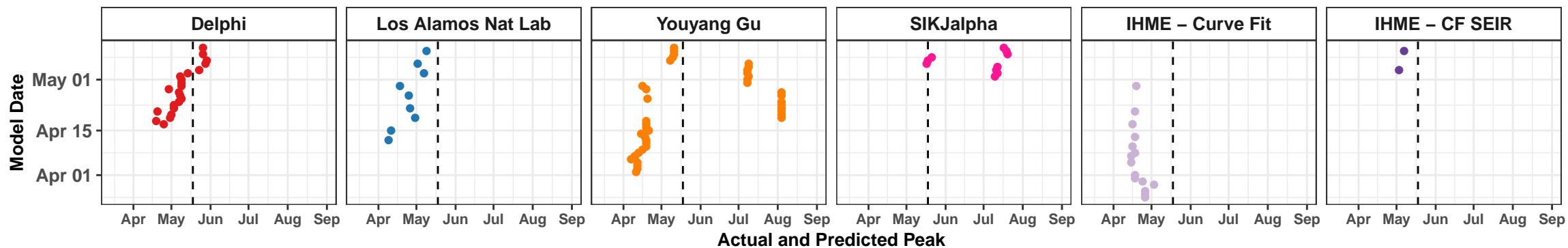
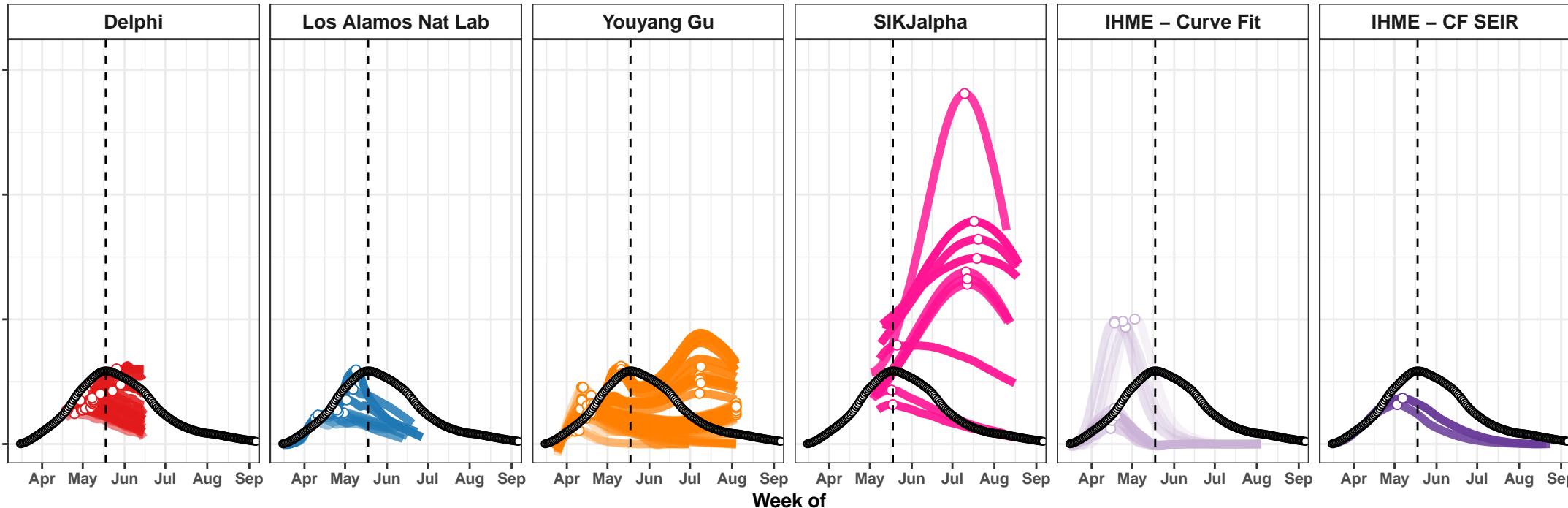


Week of

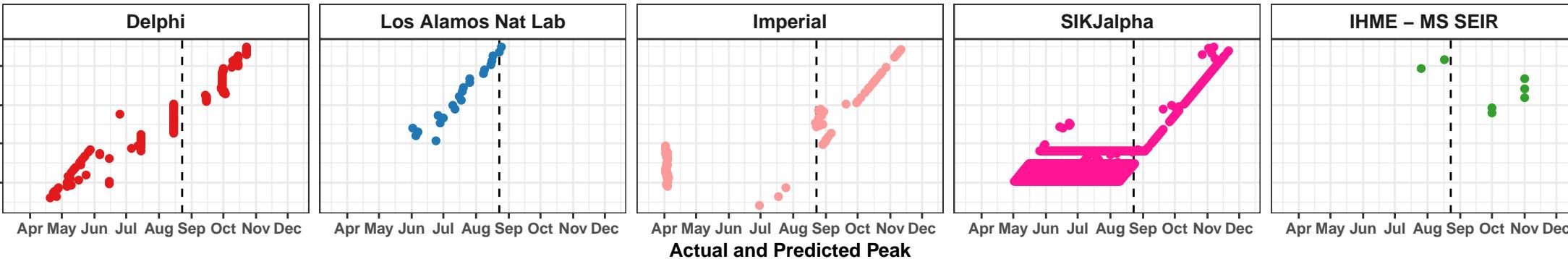
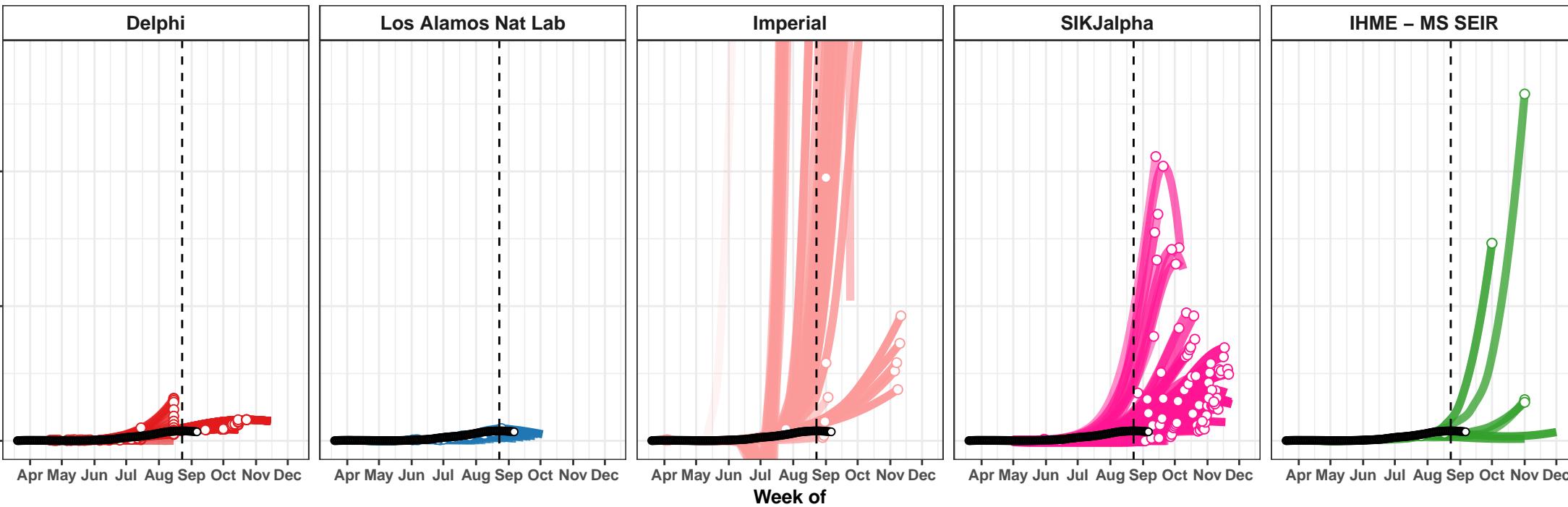


Actual and Predicted Peak

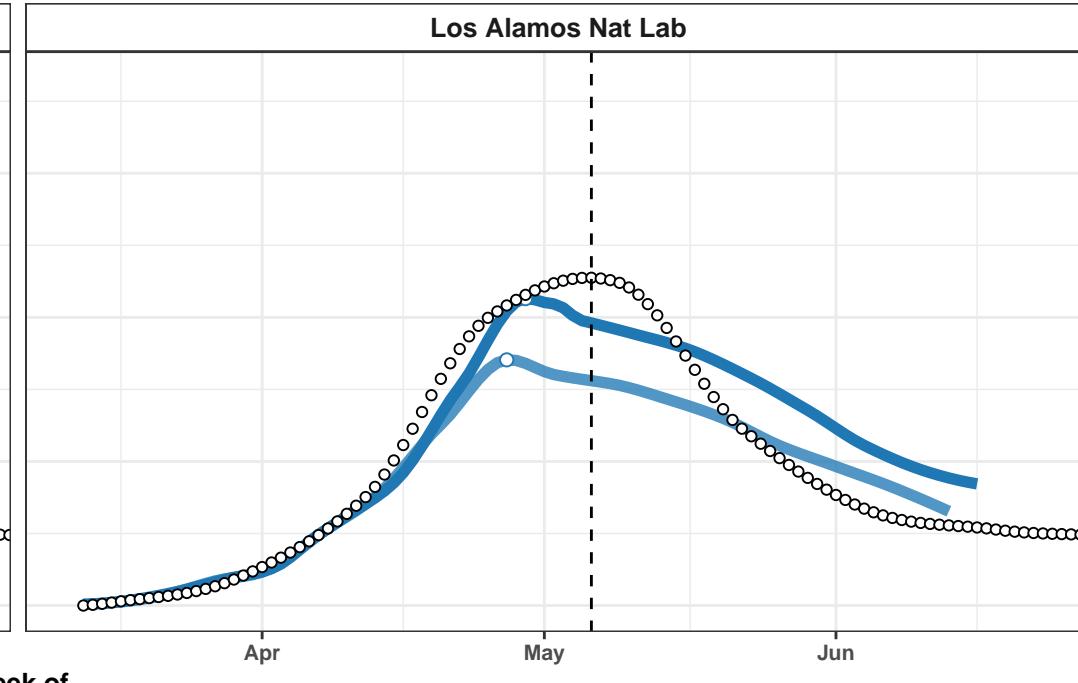
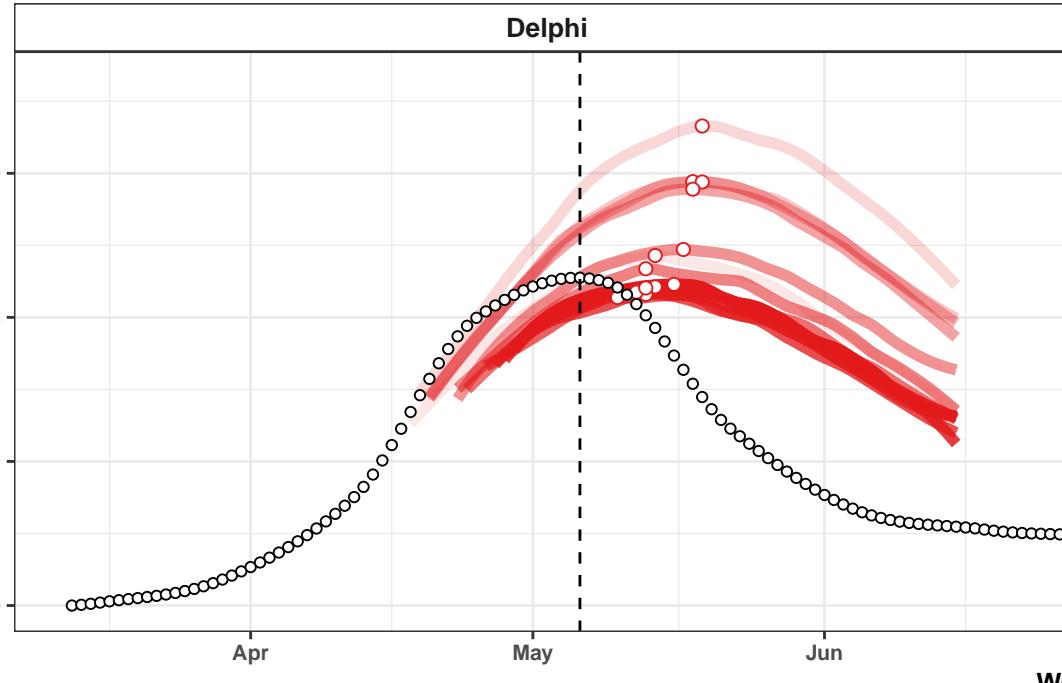
## New Hampshire – Smoothed Daily Deaths



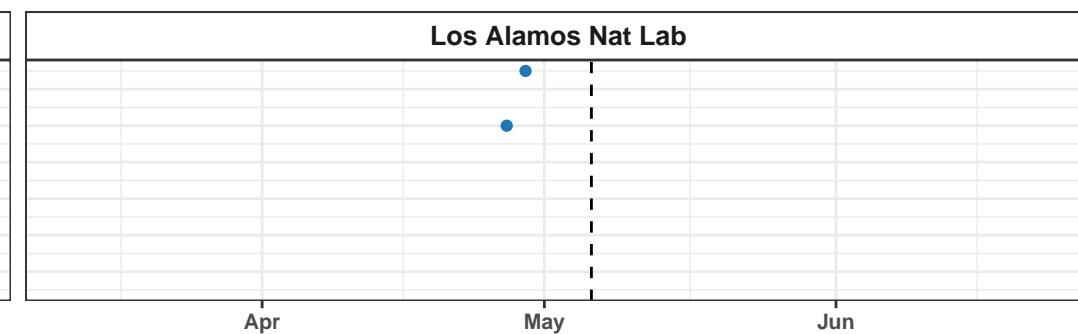
## Venezuela – Smoothed Daily Deaths



## United Arab Emirates – Smoothed Daily Deaths

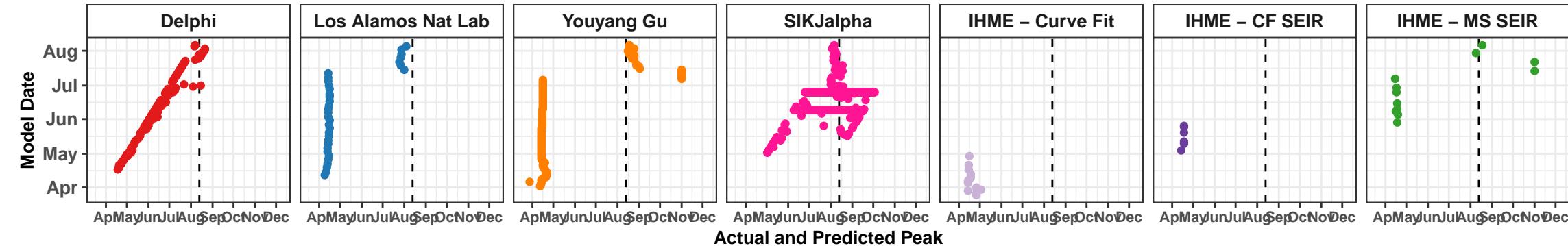
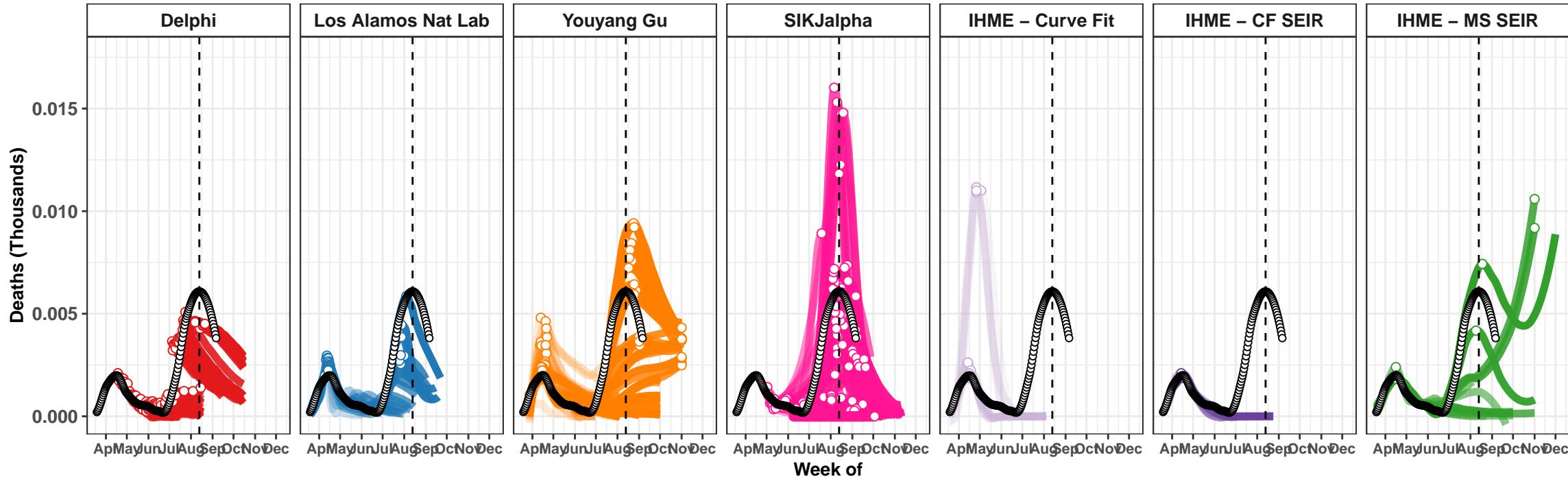


Week of

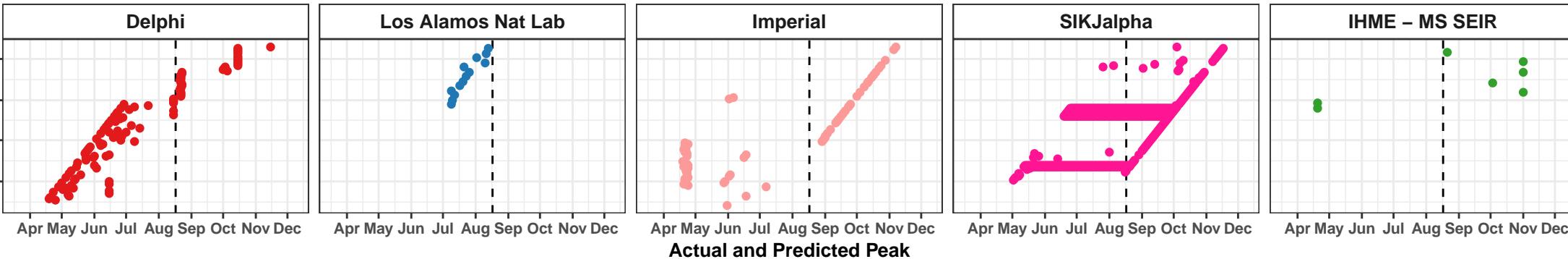
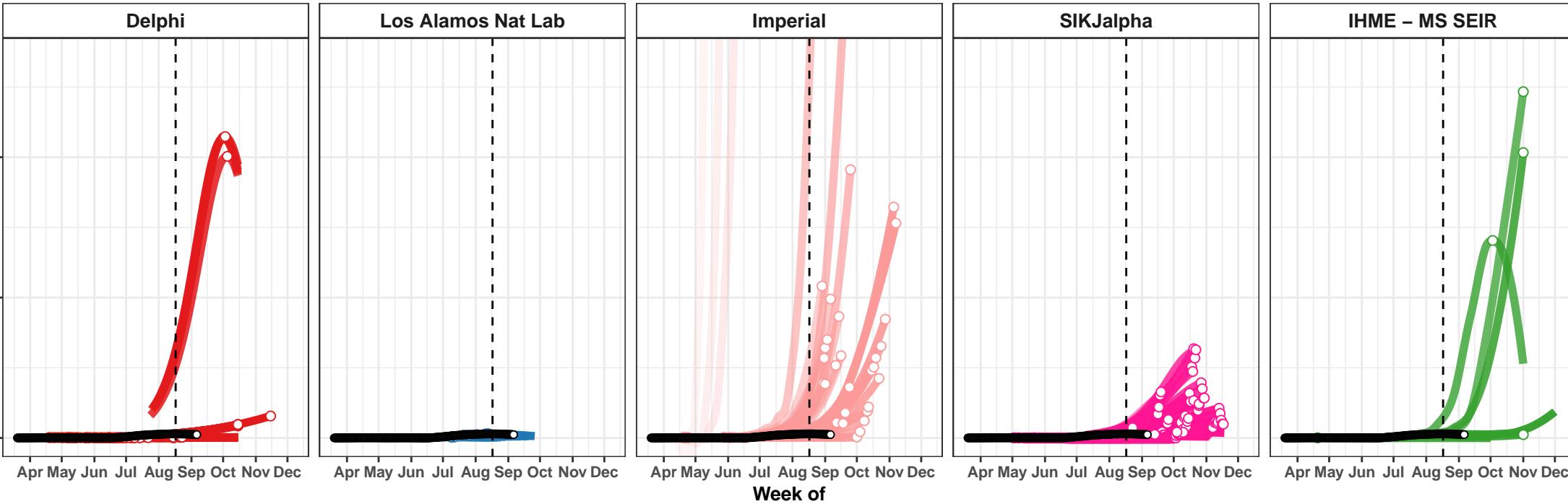


Actual and Predicted Peak

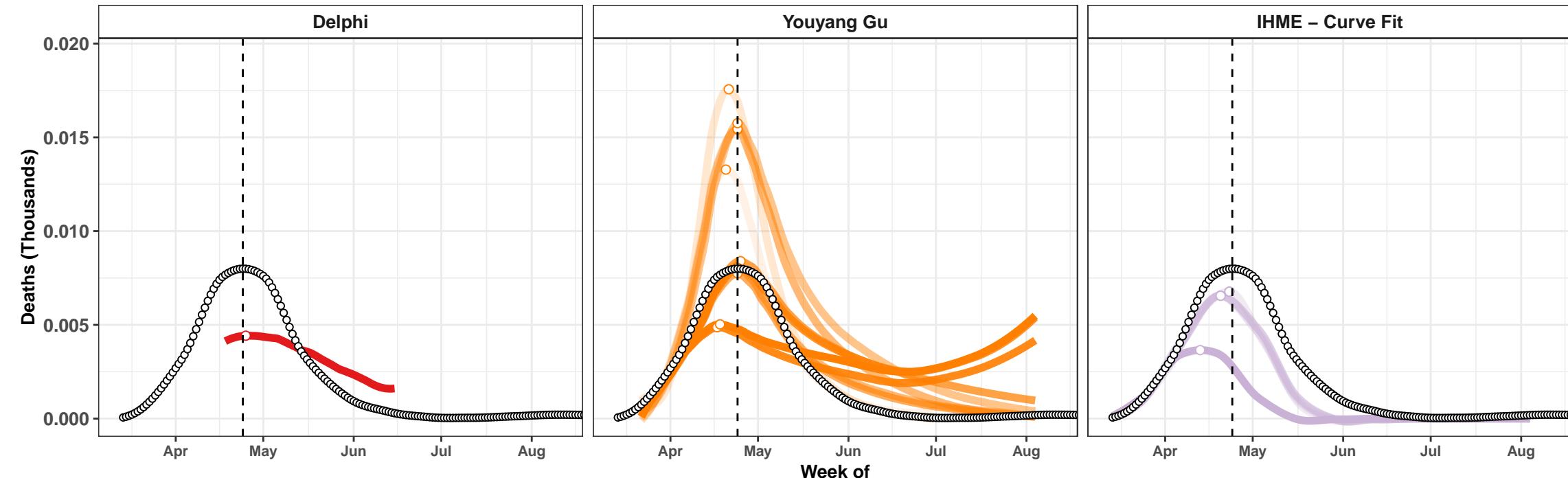
# Idaho – Smoothed Daily Deaths



## Uzbekistan – Smoothed Daily Deaths



## Finland – Smoothed Daily Deaths



Delphi

Youyang Gu

IHME – Curve Fit

Model Date

Apr 16  
Apr 14  
Apr 12  
Apr 10  
Apr 08

Apr  
May  
Jun  
Jul  
Aug

Actual and Predicted Peak

## Zambia – Smoothed Daily Deaths

