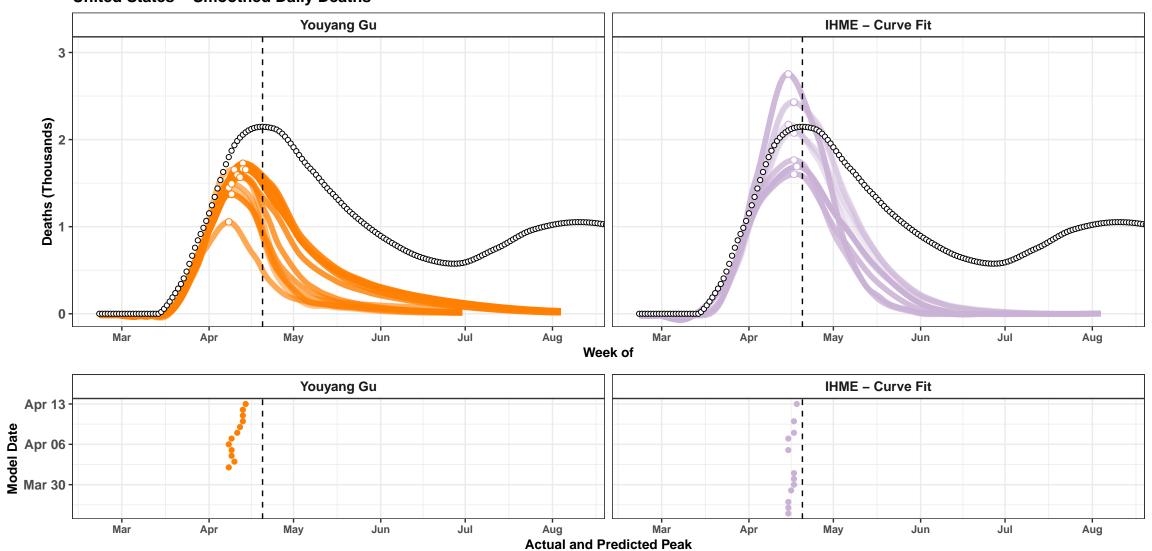
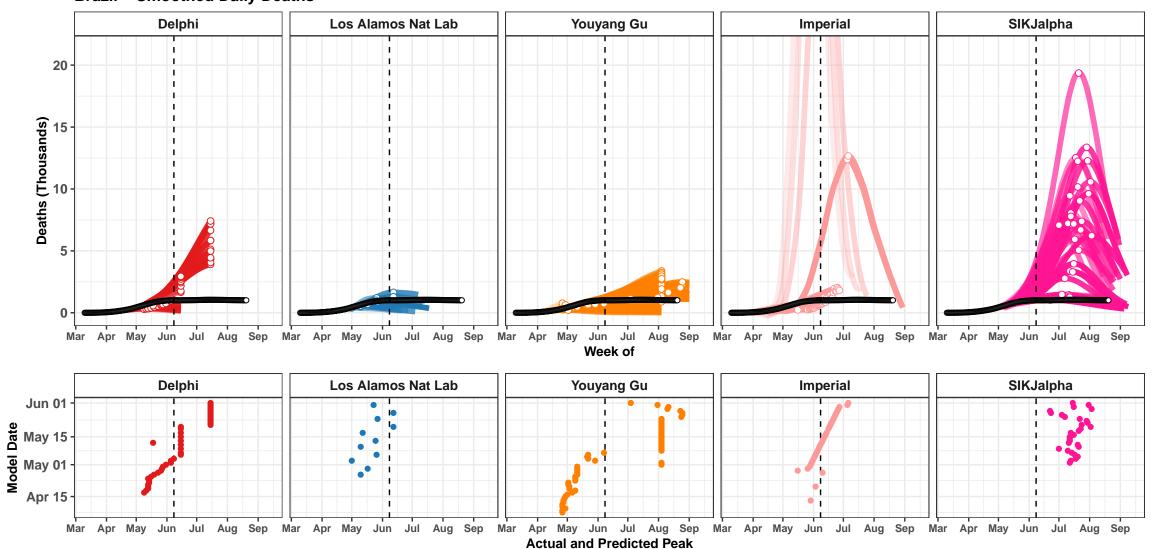
United States – Smoothed Daily Deaths

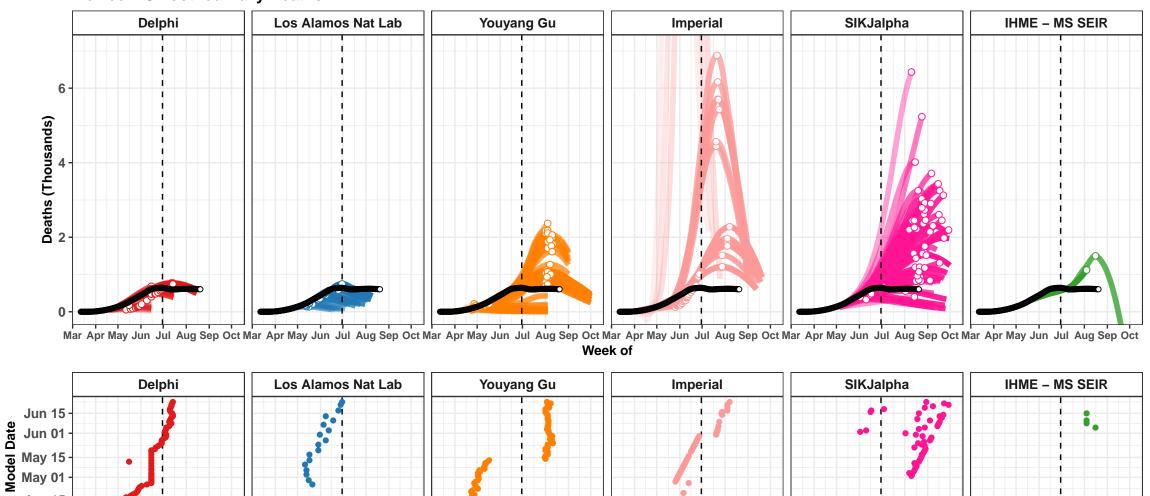


**Brazil – Smoothed Daily Deaths** 

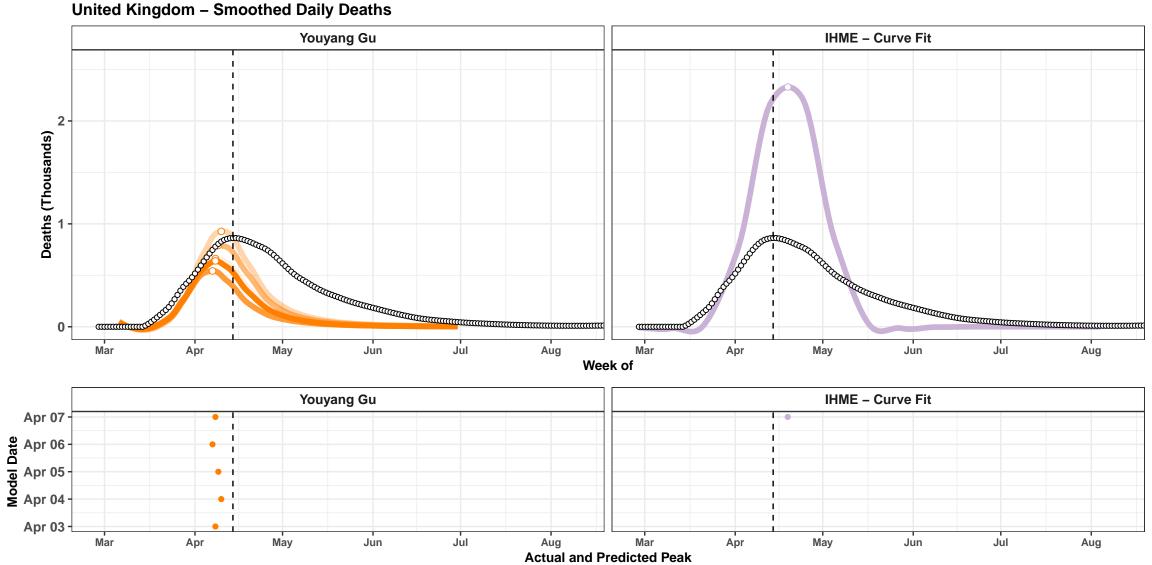


**Mexico – Smoothed Daily Deaths** 

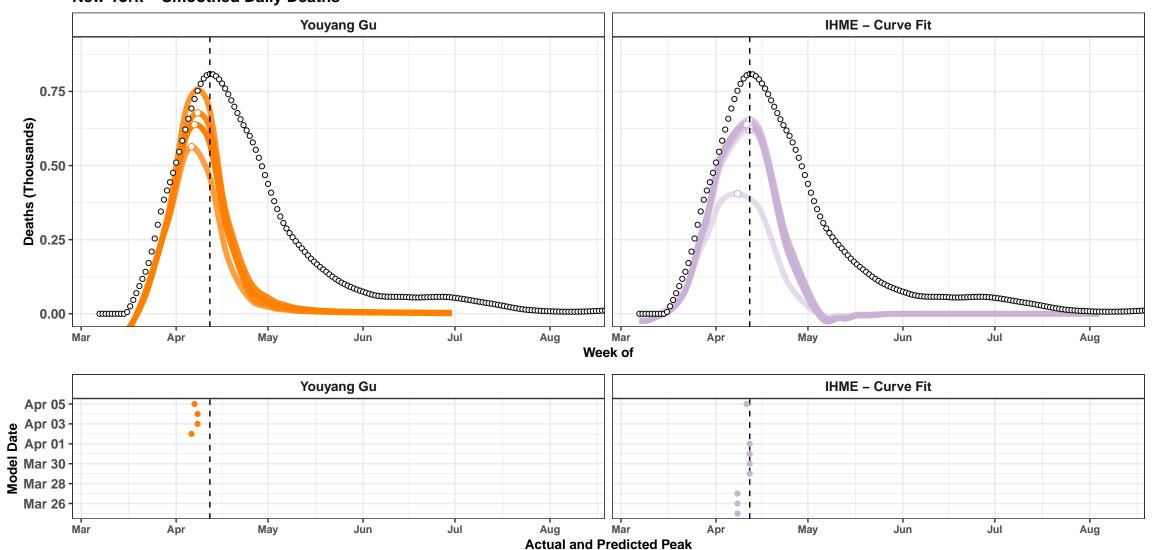
Apr 15



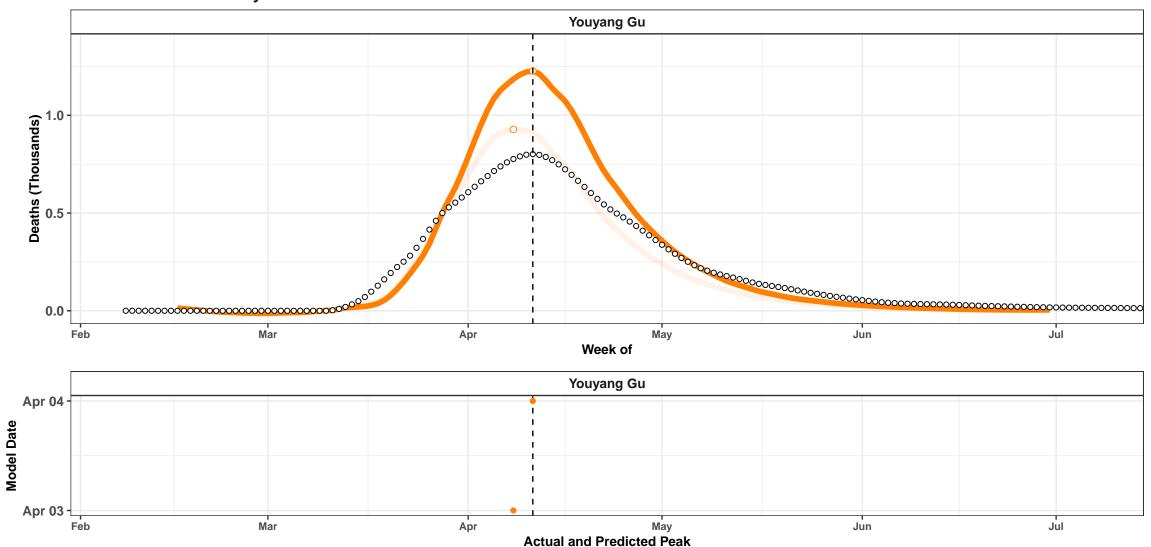
Mar Apr May Jun Jul Aug Sep Oct Mar Apr May Jun Jul Aug Sep Oc



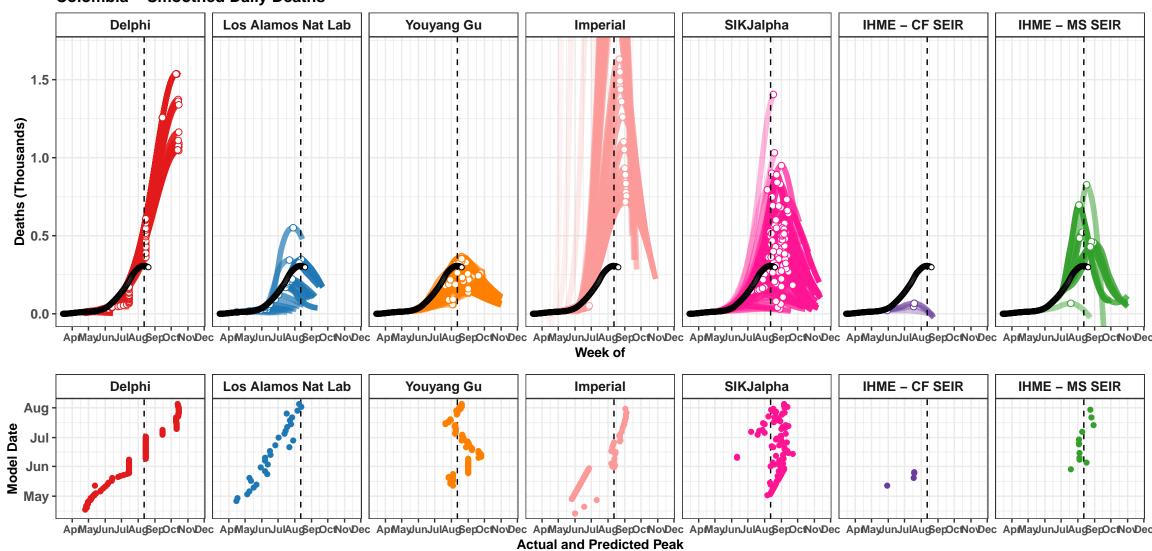
New York – Smoothed Daily Deaths



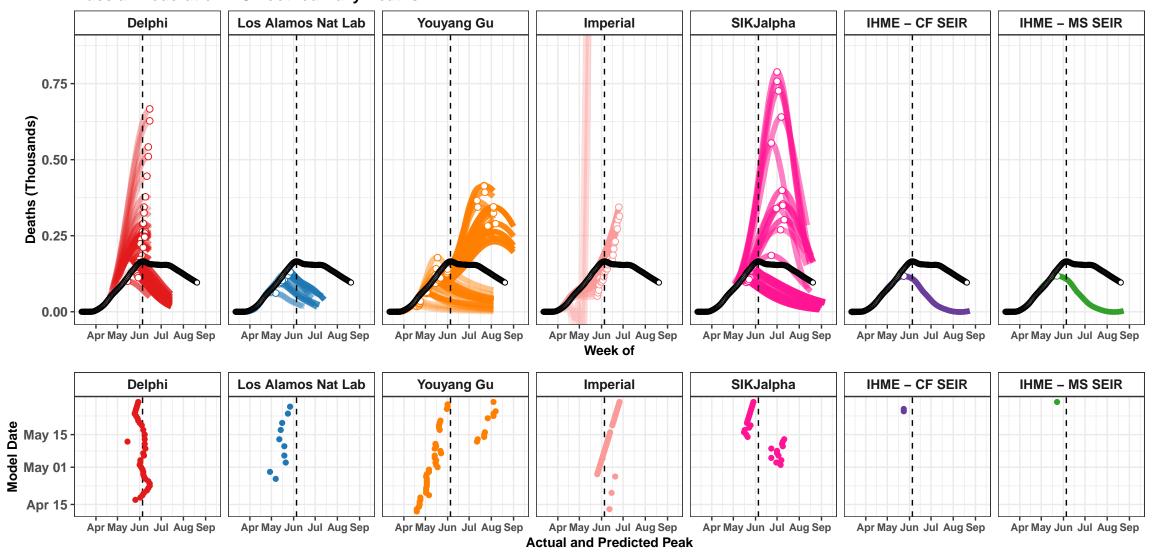
France – Smoothed Daily Deaths



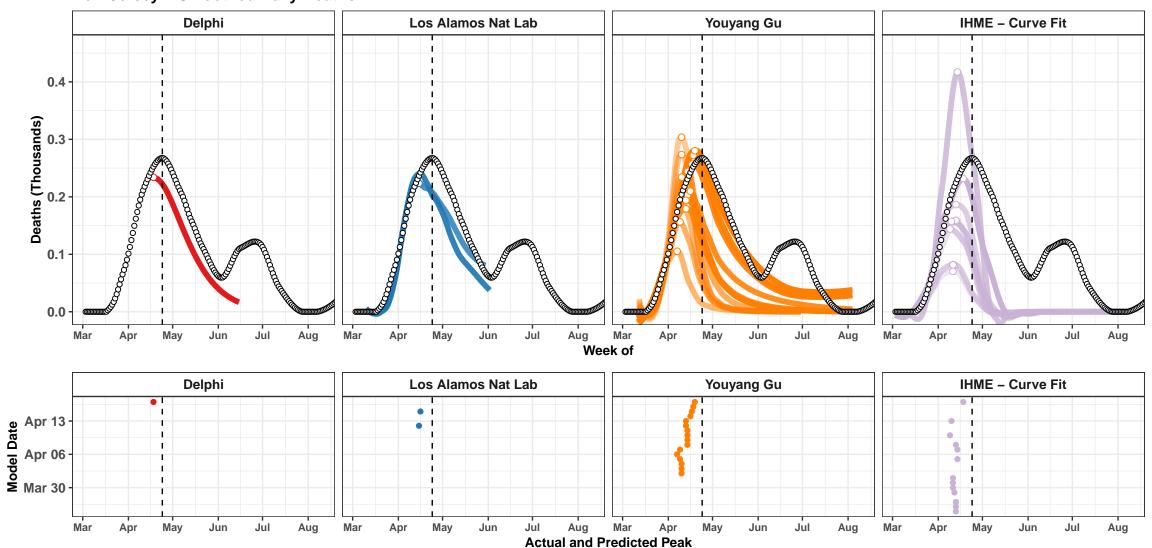
### **Colombia – Smoothed Daily Deaths**



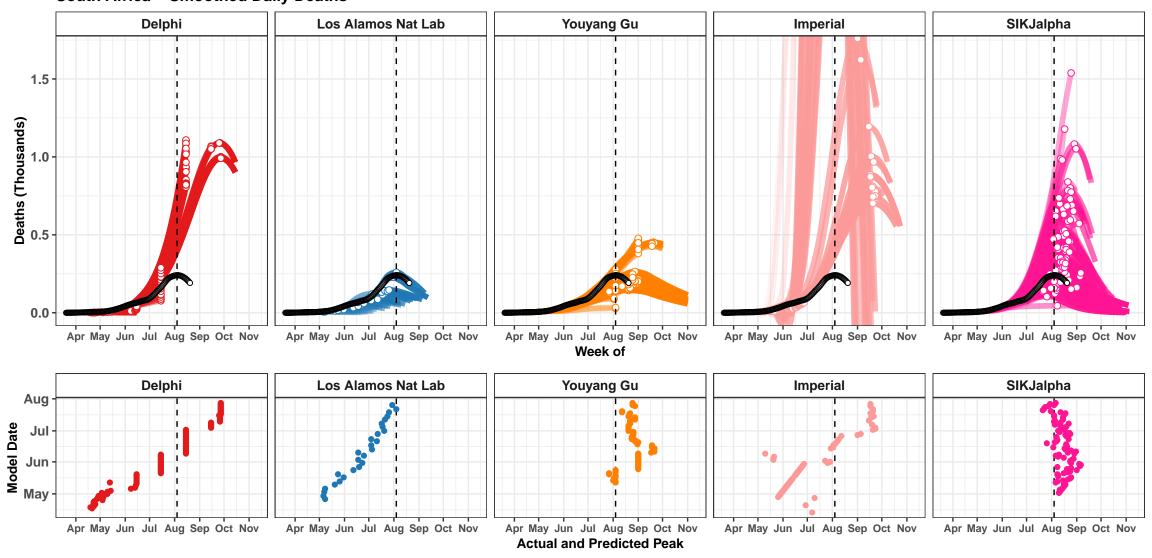
#### Russian Federation – Smoothed Daily Deaths



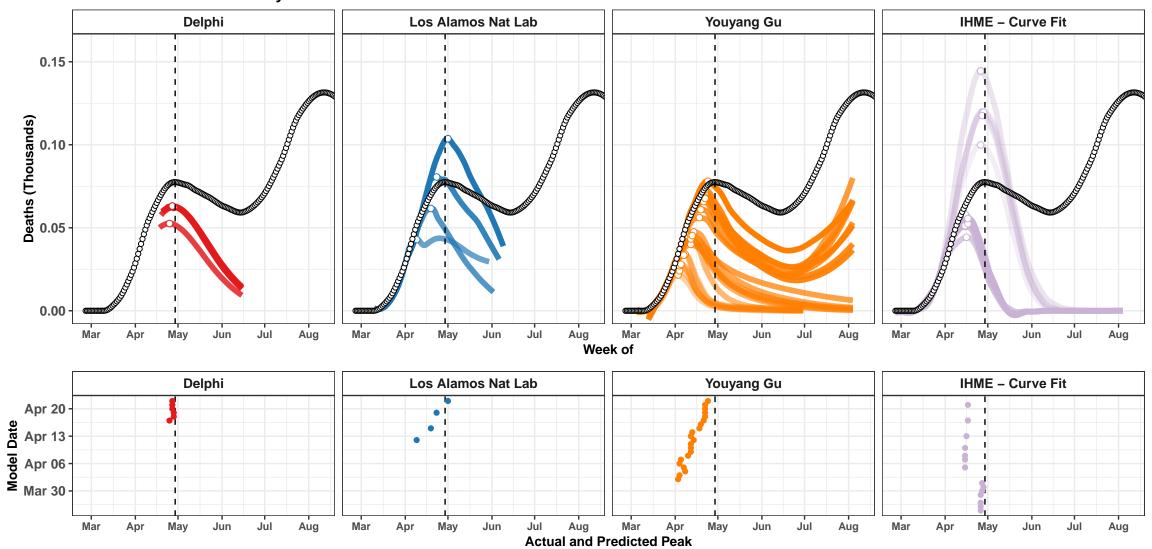
## New Jersey – Smoothed Daily Deaths



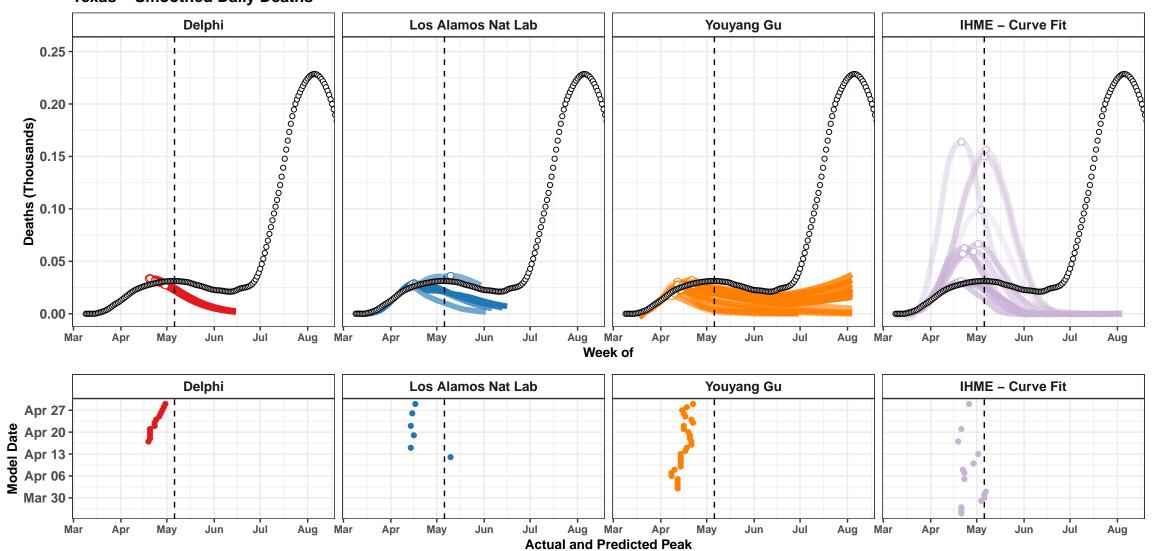
# South Africa – Smoothed Daily Deaths



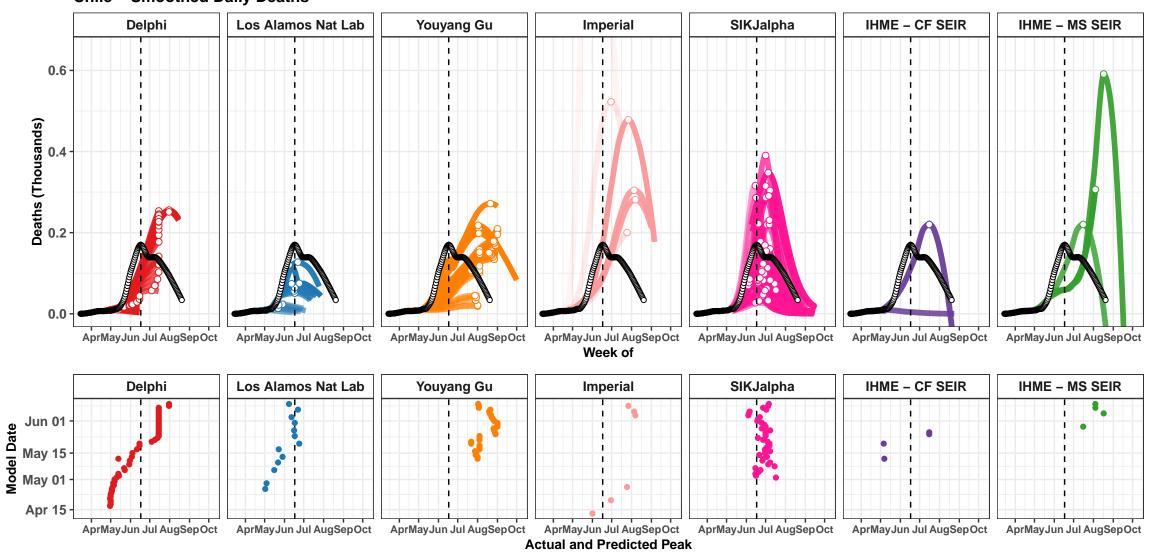
California – Smoothed Daily Deaths



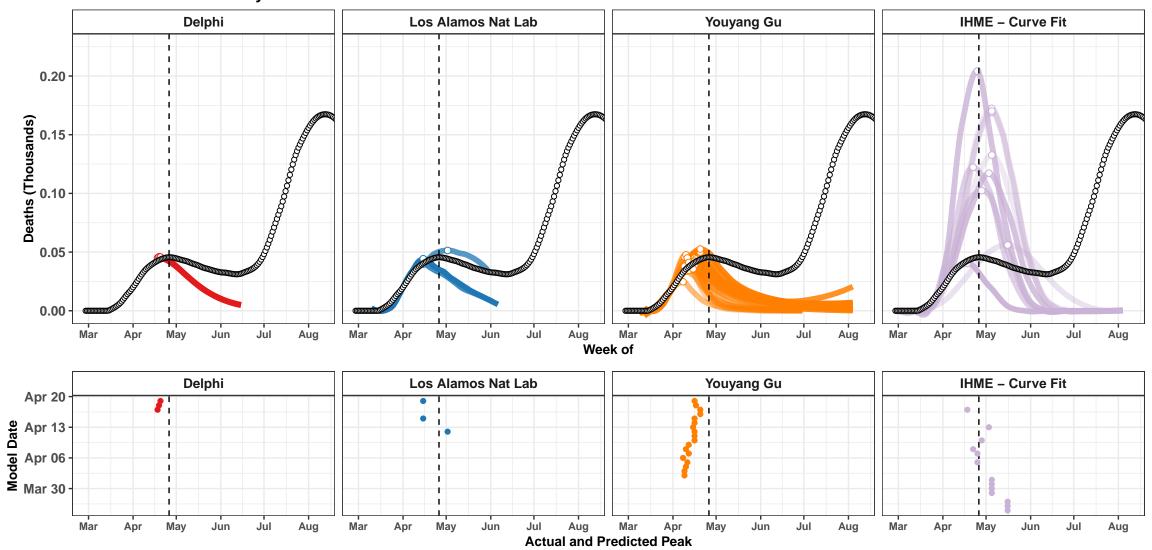
**Texas – Smoothed Daily Deaths** 



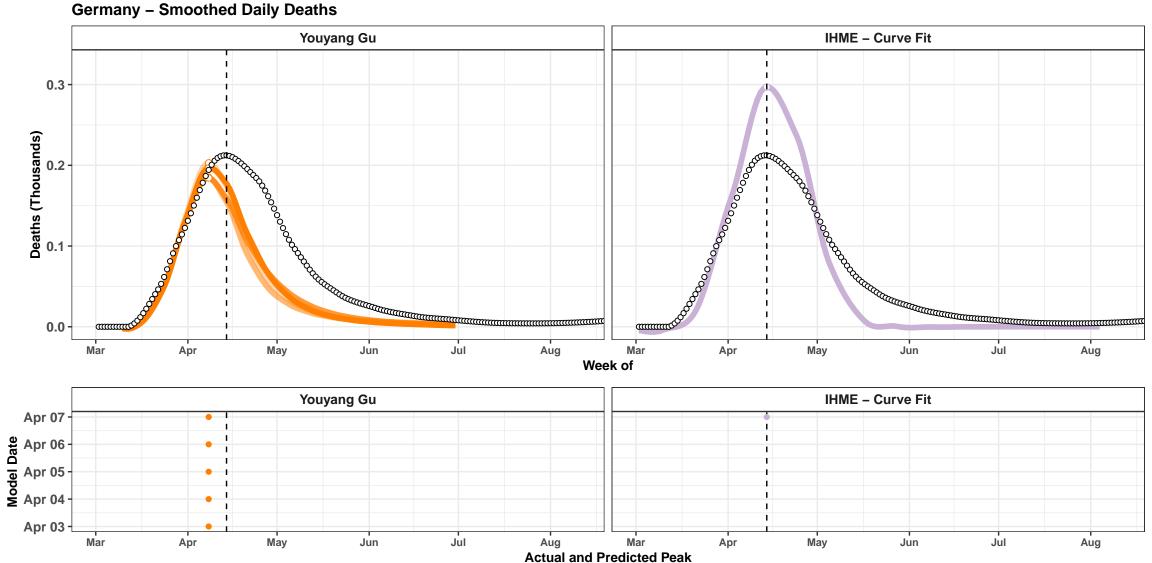
**Chile – Smoothed Daily Deaths** 



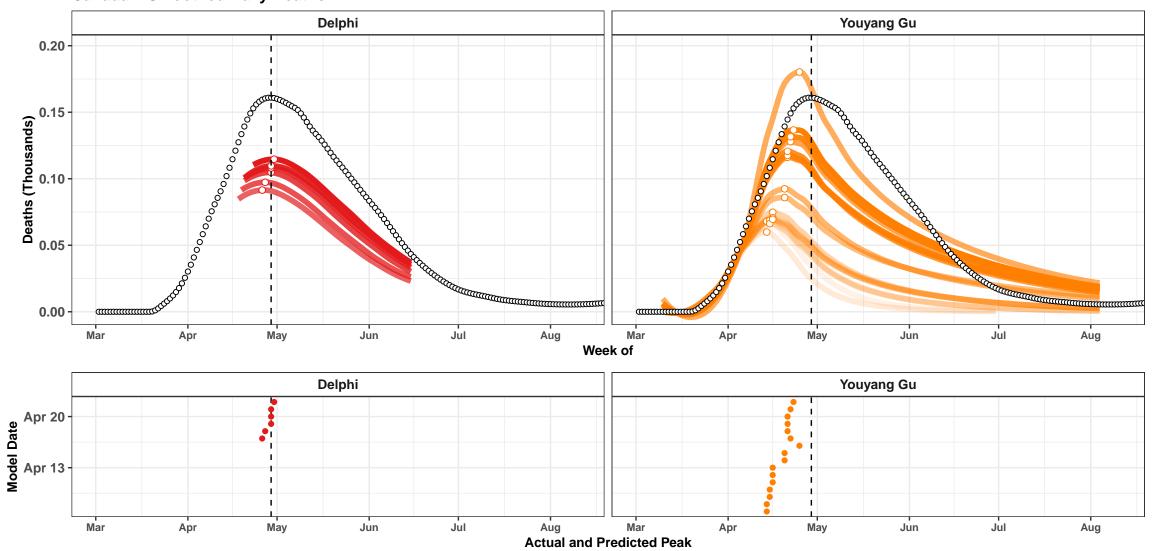
Florida – Smoothed Daily Deaths



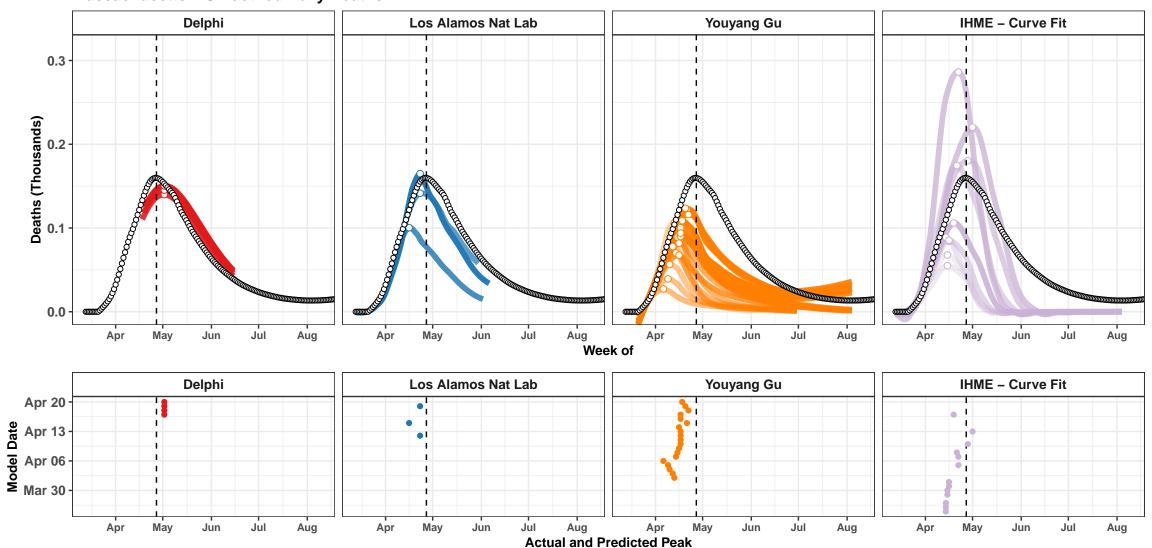
**Belgium – Smoothed Daily Deaths** Youyang Gu Jun Deaths (Thousands) 0.0 -Mar Jul Youyang Gu Apr 06 Model Date Apr 05 -Apr 03 -May Mar Apr Jun Jul **Actual and Predicted Peak** 



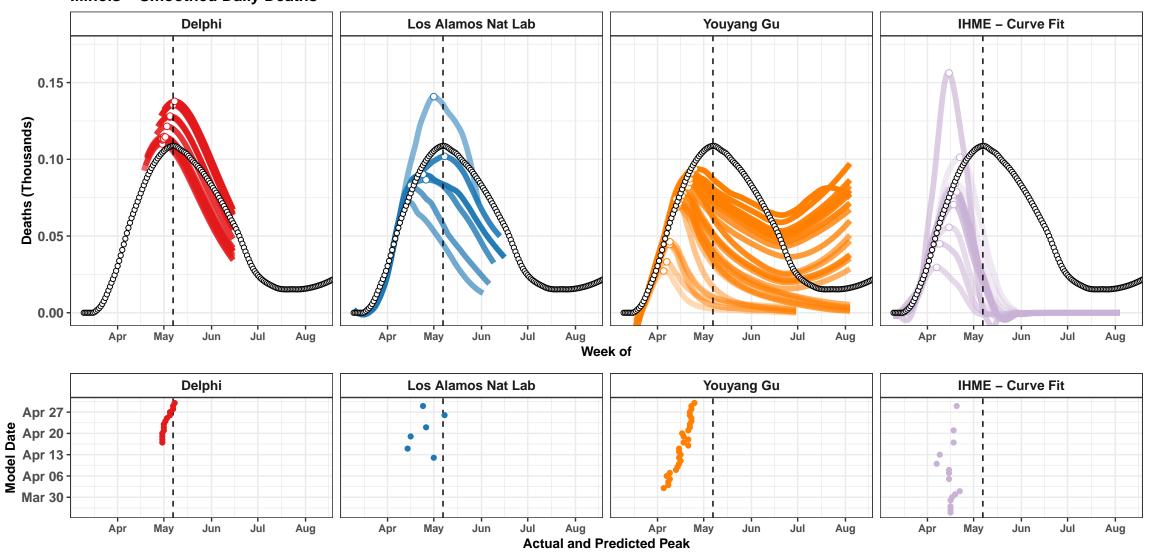
Canada – Smoothed Daily Deaths



# Massachusetts – Smoothed Daily Deaths

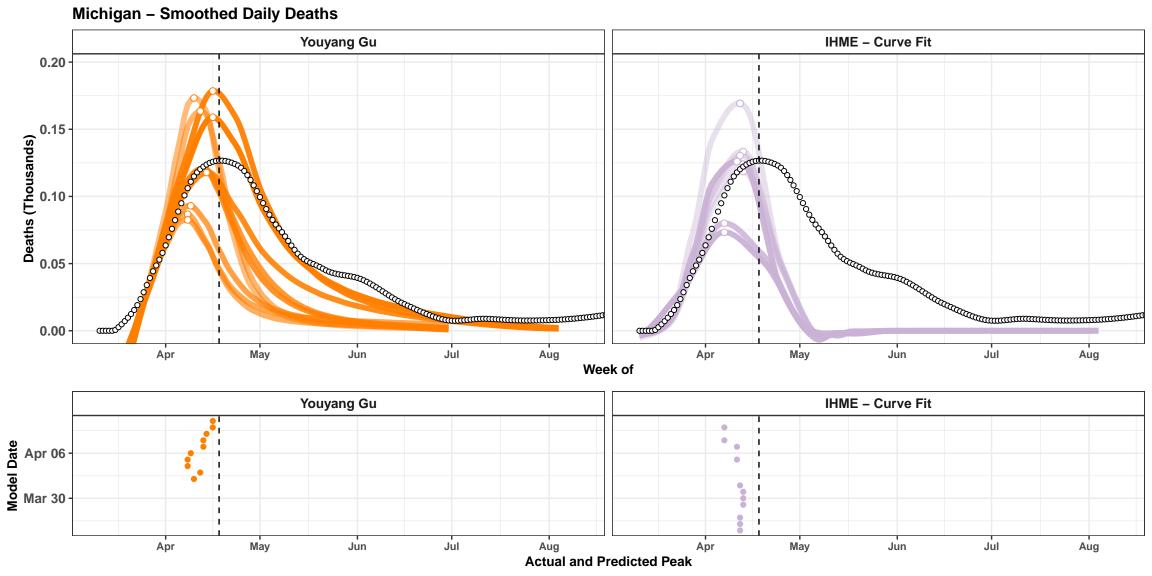


Illinois - Smoothed Daily Deaths



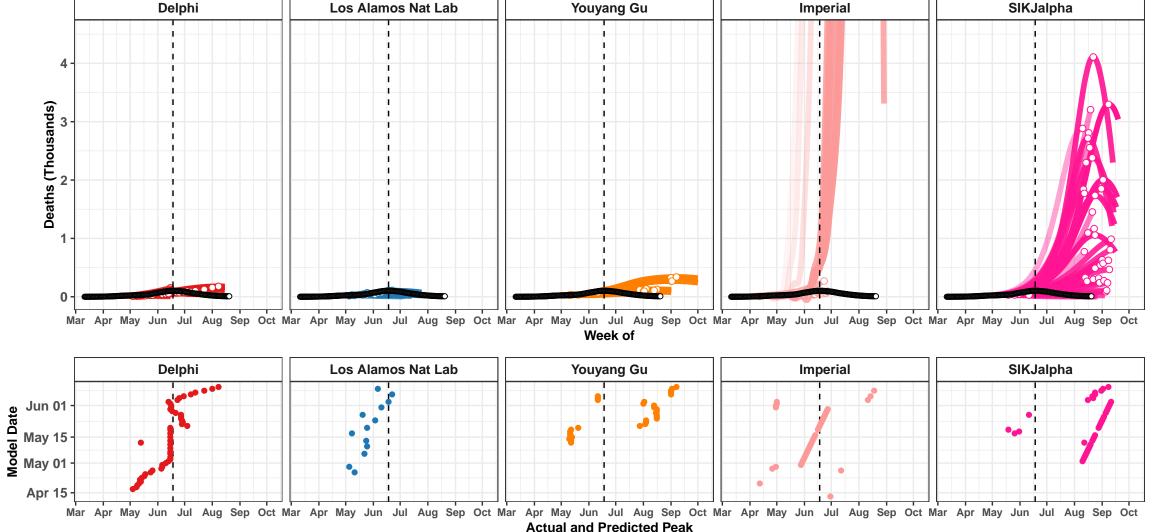
Pennsylvania – Smoothed Daily Deaths Youyang Gu IHME – Curve Fit Delphi Los Alamos Nat Lab - CONTRACTOR OF THE PROPERTY O 0088 0 8 00 000 00 Deaths (Thousands) 0.00 Apr May Jun Jul Aug Week of Delphi Los Alamos Nat Lab Youyang Gu IHME - Curve Fit Apr 20 Apr 13 Apr 06 Mar 30

May Aug May Jul Aug Apr May Jun Jul Jul Aug Apr Jun Jul Apr Jun Aug Apr May Jun **Actual and Predicted Peak** 

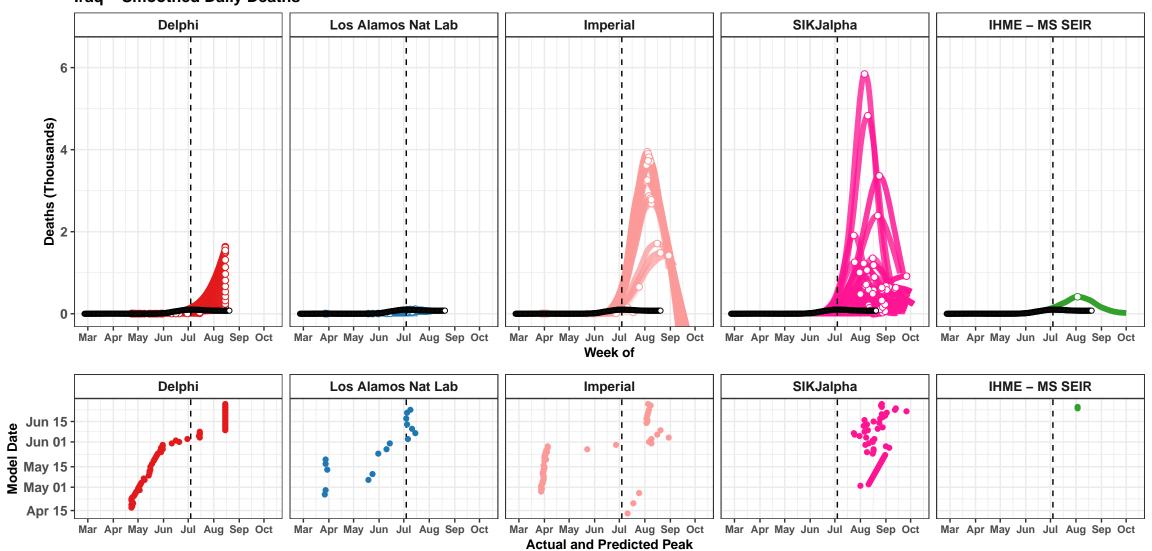


Indonesia – Smoothed Daily Deaths Youyang Gu 0.08 Deaths (Thousands) 0.06 0.04 0.02 0.00 -Mar Youyang Gu Model Date Date Mar May Apr Jun Jul **Actual and Predicted Peak** 

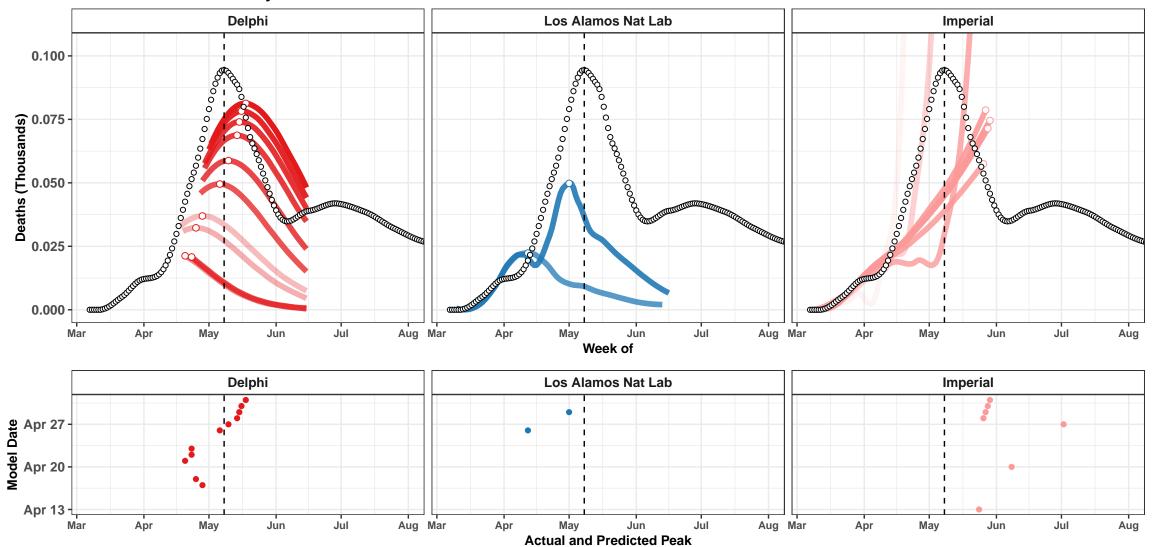
Pakistan - Smoothed Daily Deaths

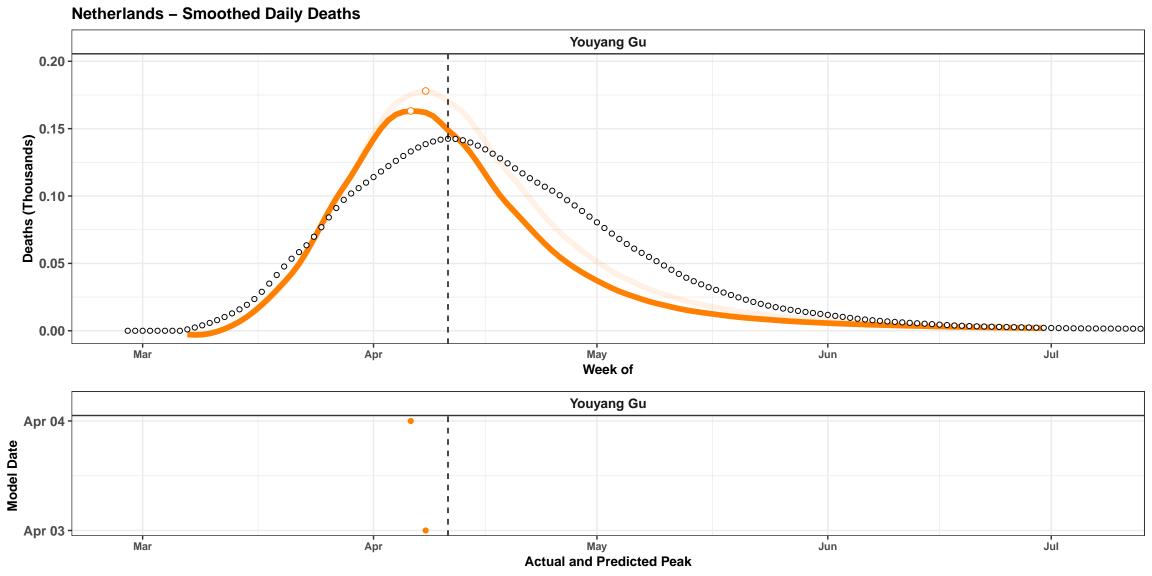


Iraq - Smoothed Daily Deaths

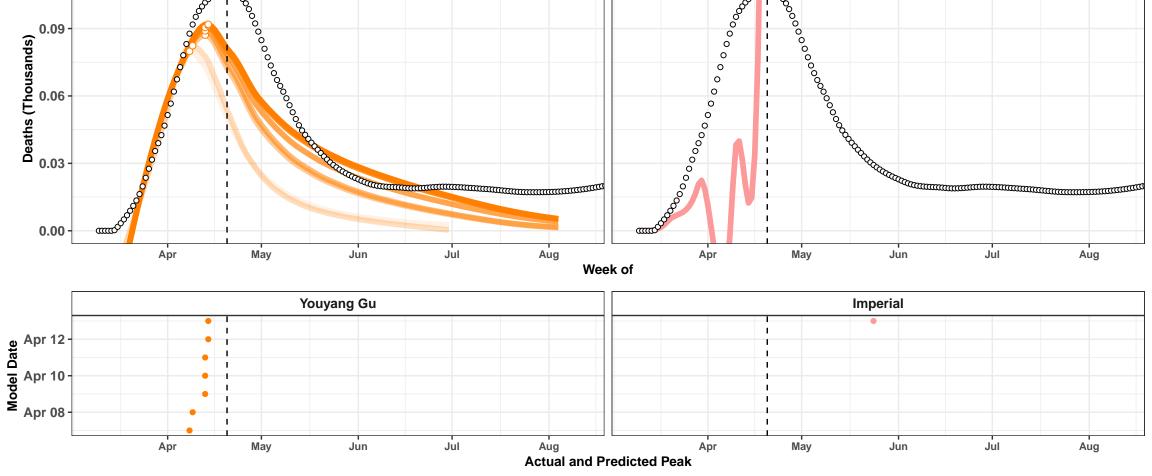


**Ecuador – Smoothed Daily Deaths** 

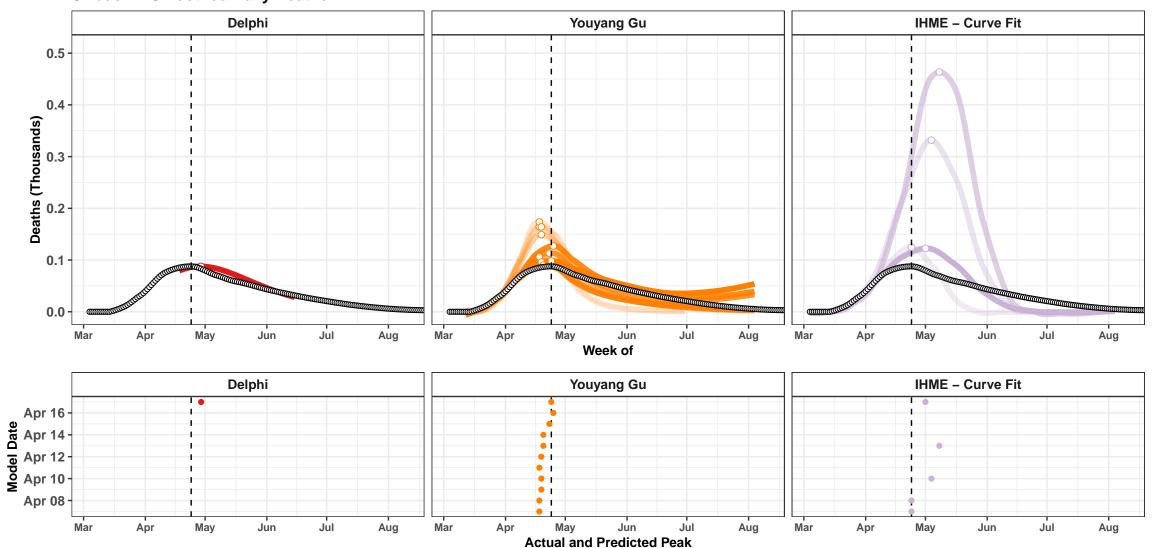




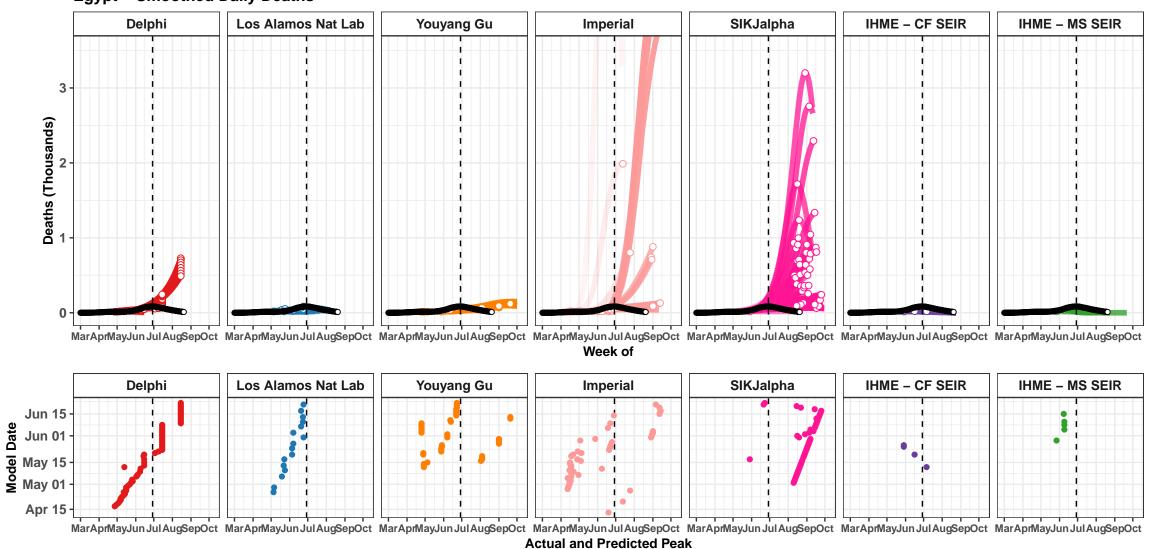
**Turkey - Smoothed Daily Deaths** Youyang Gu Imperial 0.12 0.09 Deaths (Thousands) 0.03 0.00 -Apr May Jun Jul Aug Apr May Jun Jul Aug Week of Youyang Gu Imperial



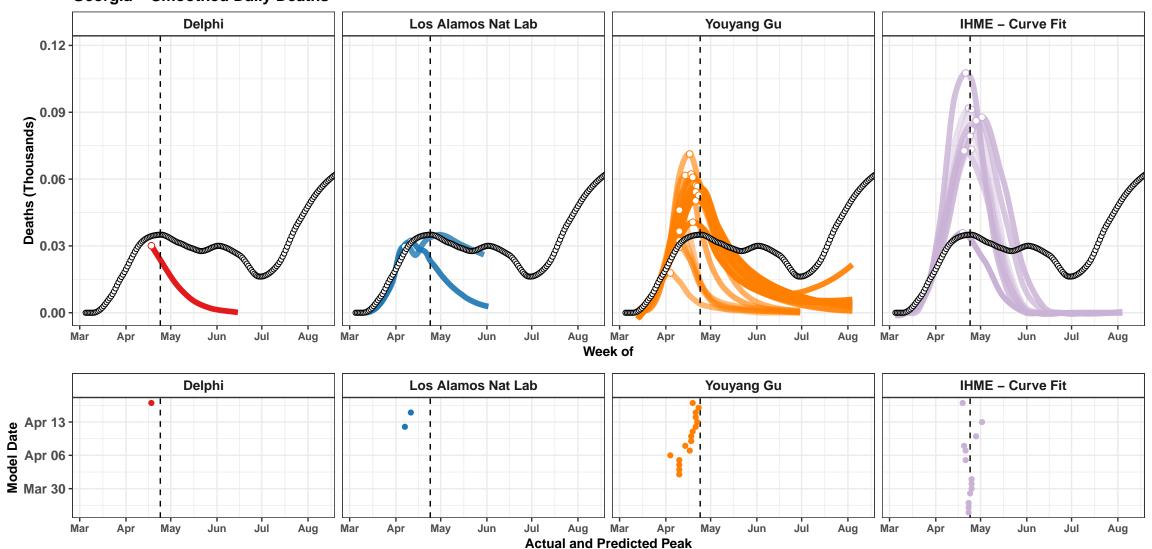
Sweden – Smoothed Daily Deaths



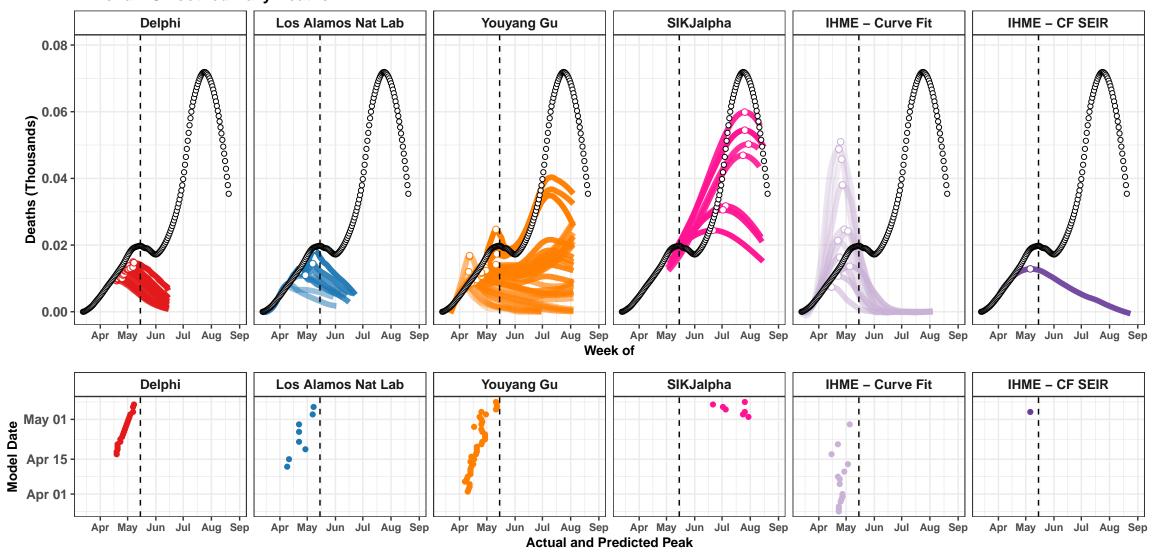
**Egypt – Smoothed Daily Deaths** 



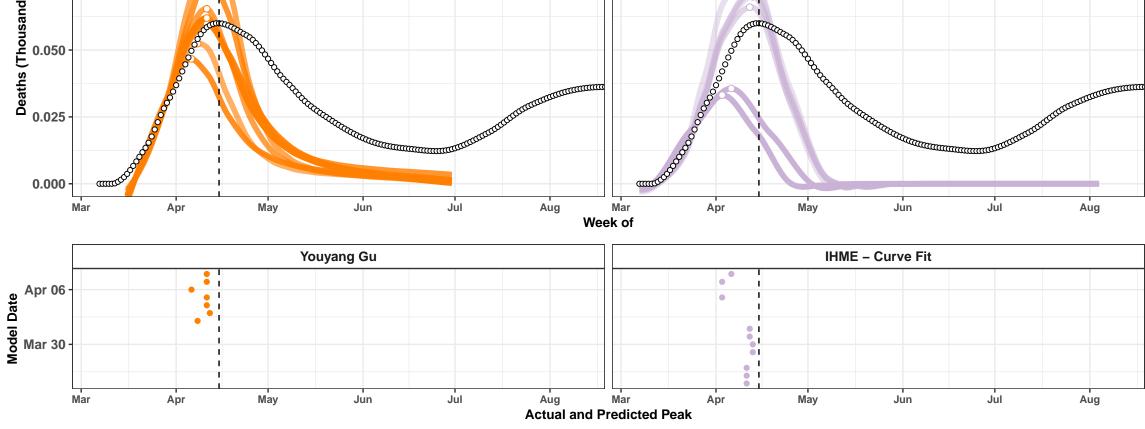
Georgia – Smoothed Daily Deaths



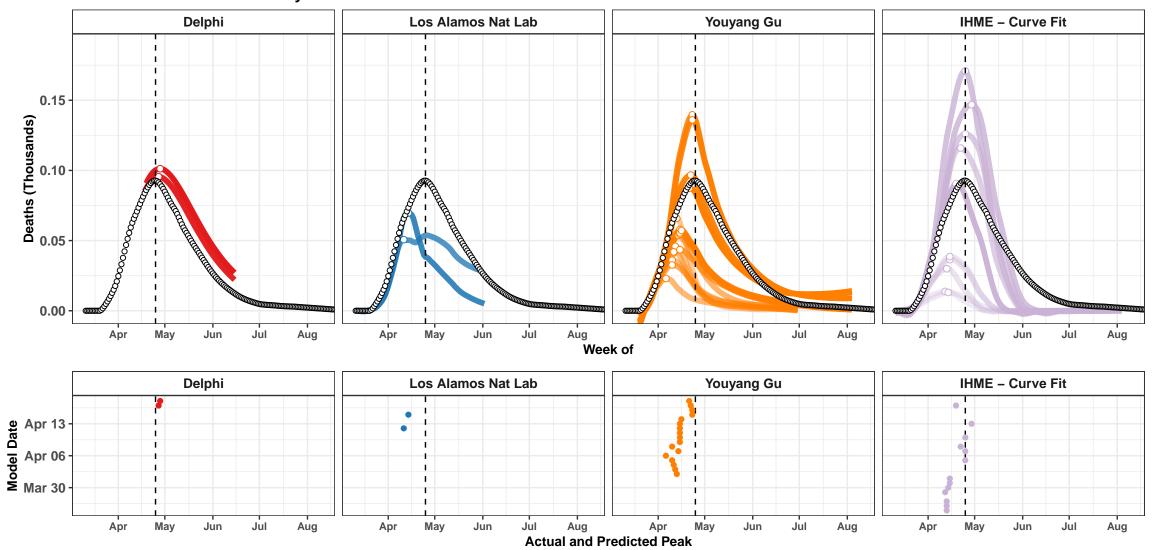
**Arizona – Smoothed Daily Deaths** 



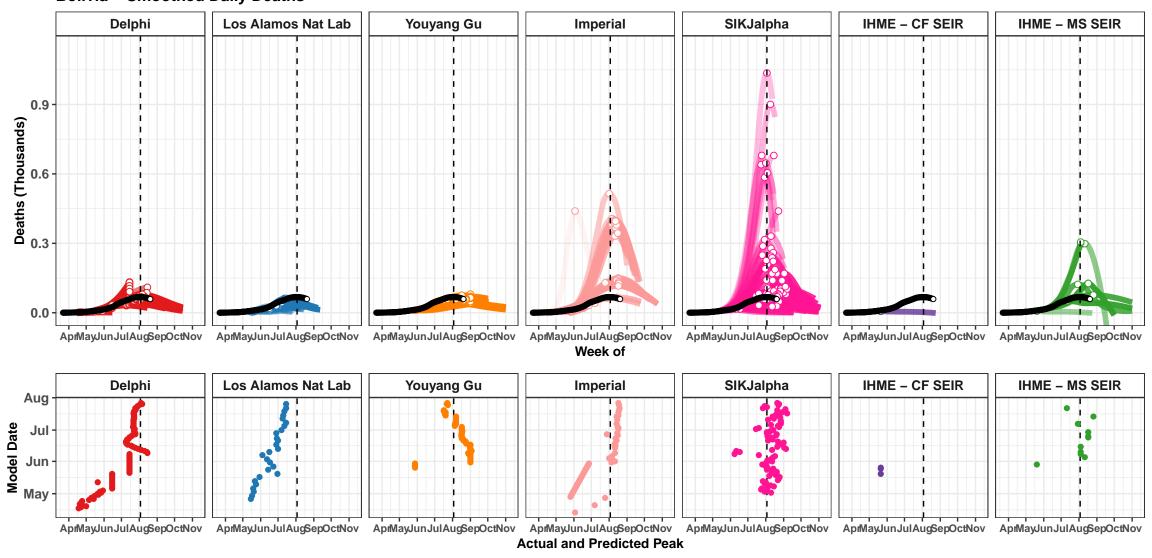
**Louisiana – Smoothed Daily Deaths** Youyang Gu IHME - Curve Fit 0.100 Deaths (Thousands) 0.0 0.0 to be a second of the second o 0.025 0.000 Mar May Jun Jul Mar Apr May Jun Jul Aug Apr Aug Week of IHME - Curve Fit Youyang Gu



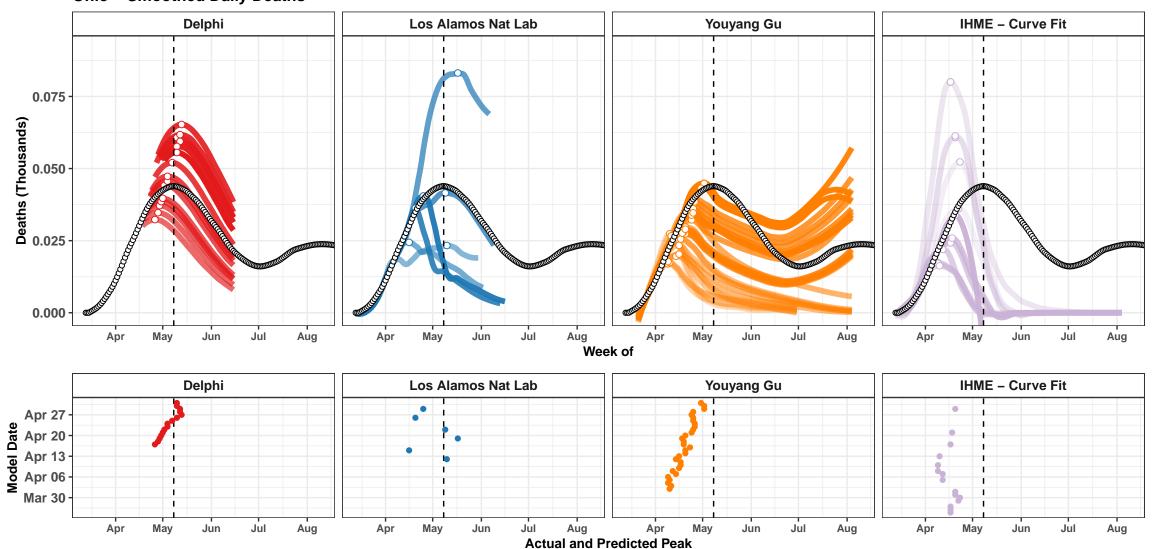
### Connecticut – Smoothed Daily Deaths



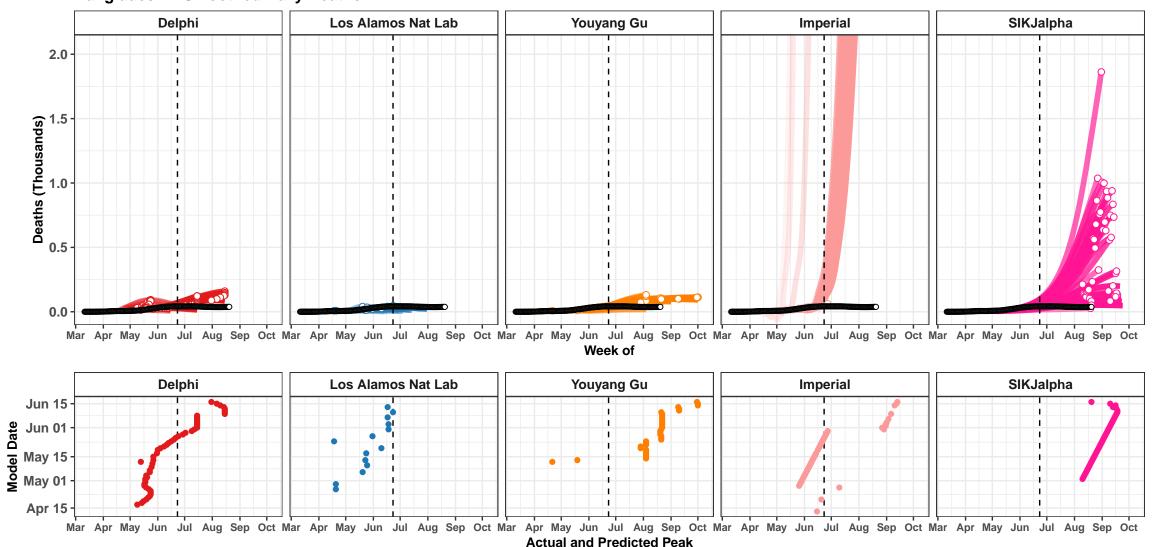
### **Bolivia – Smoothed Daily Deaths**



**Ohio – Smoothed Daily Deaths** 



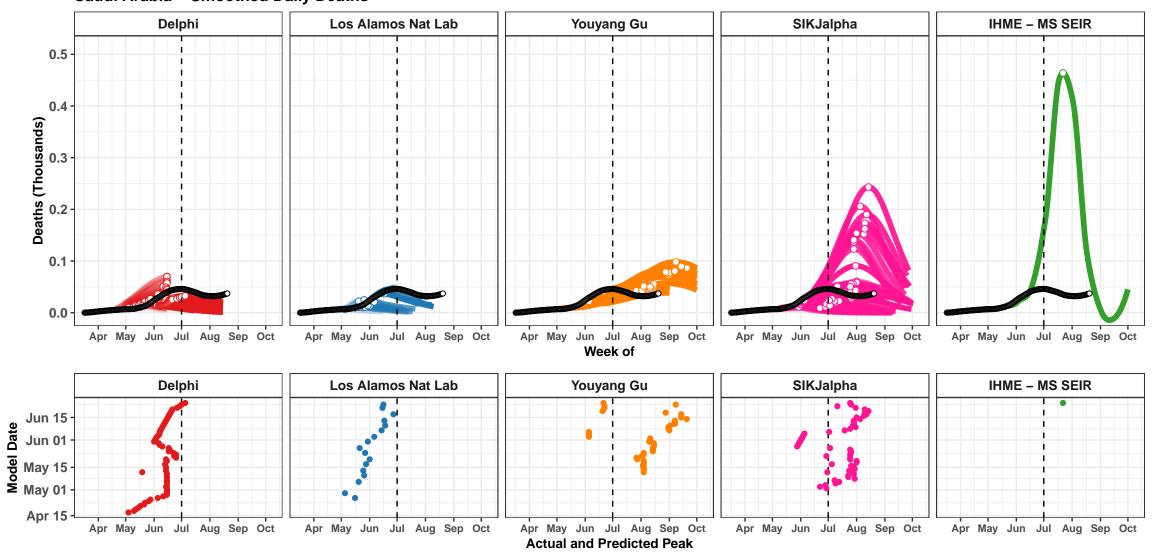
#### Bangladesh - Smoothed Daily Deaths



Maryland - Smoothed Daily Deaths Youyang Gu IHME - Curve Fit Delphi Los Alamos Nat Lab 0.100 Deaths (Thousands) 0.000 Apr May Jun Jul Aug Week of Youyang Gu IHME - Curve Fit Delphi Los Alamos Nat Lab Apr 20 Model Date
Apr 20: May Aug May Jun Aug Apr May Jun Jul Aug Apr Jun Jul Apr Jul Aug Apr May Jun Jul

**Actual and Predicted Peak** 

#### Saudi Arabia – Smoothed Daily Deaths



**Indiana – Smoothed Daily Deaths Los Alamos Nat Lab** Youyang Gu IHME - Curve Fit Delphi 0.100 0.075 Deaths (Thousands) 0.000 Mar Apr May Jun Jul Aug Week of Youyang Gu IHME - Curve Fit Delphi Los Alamos Nat Lab Apr 20 • Mar 30

Aug

Mar

**Actual and Predicted Peak** 

Apr

May

Jul

Jun

Mar

Aug

May

Jun

Apr

Aug

Jul

Mar

May

Jun

Jul

Apr

Aug

Mar

May

Apr

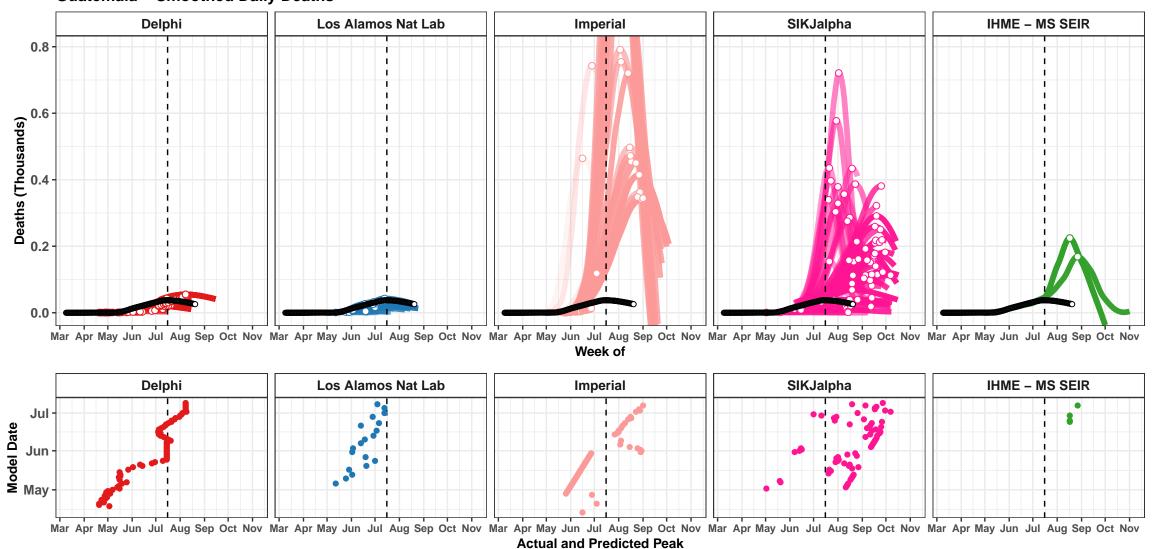
Jun

Romania - Smoothed Daily Deaths Youyang Gu **Imperial** IHME - Curve Fit Delphi 0.05 0.04 Deaths (Thousands) 0.03 0.02 0.01 0.00 Apr May Jun Jul Aug Week of IHME - Curve Fit Delphi Youyang Gu **Imperial** Apr 20 Model Date Table 13 -Aug May Jul May Jul Aug Apr May Jun Jul Aug May Aug Apr Jun Apr Jun Apr Jun Jul **Actual and Predicted Peak** 

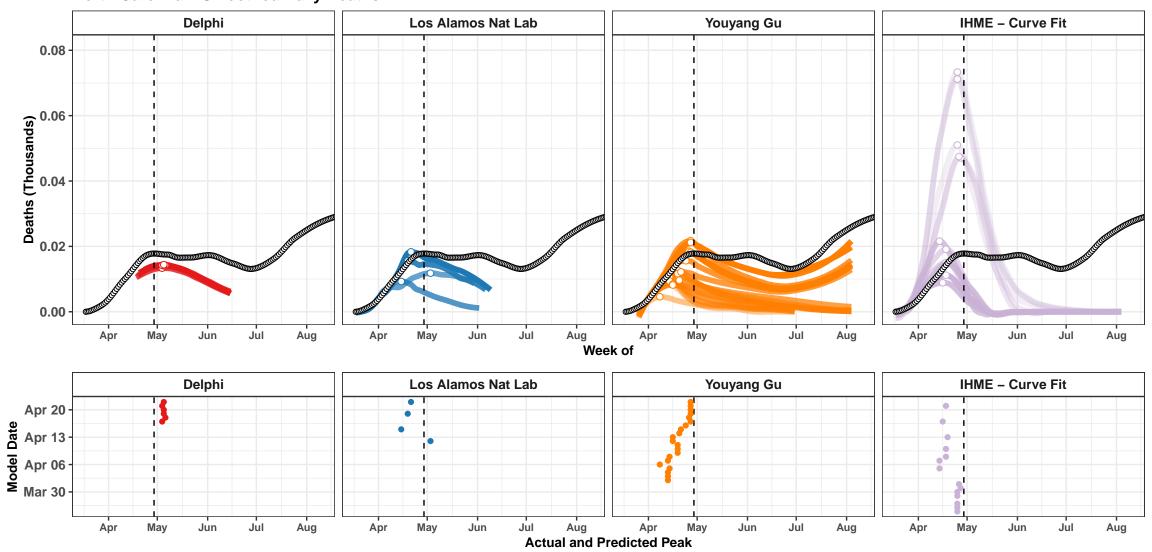
**Philippines – Smoothed Daily Deaths** Youyang Gu May Week of 0.06 Deaths (Thousands) Feb 0.00 Youyang Gu Apr 10 Model Date
Apr 08 Apr 07 Feb Mar Apr May Jun Jul Aug

**Actual and Predicted Peak** 

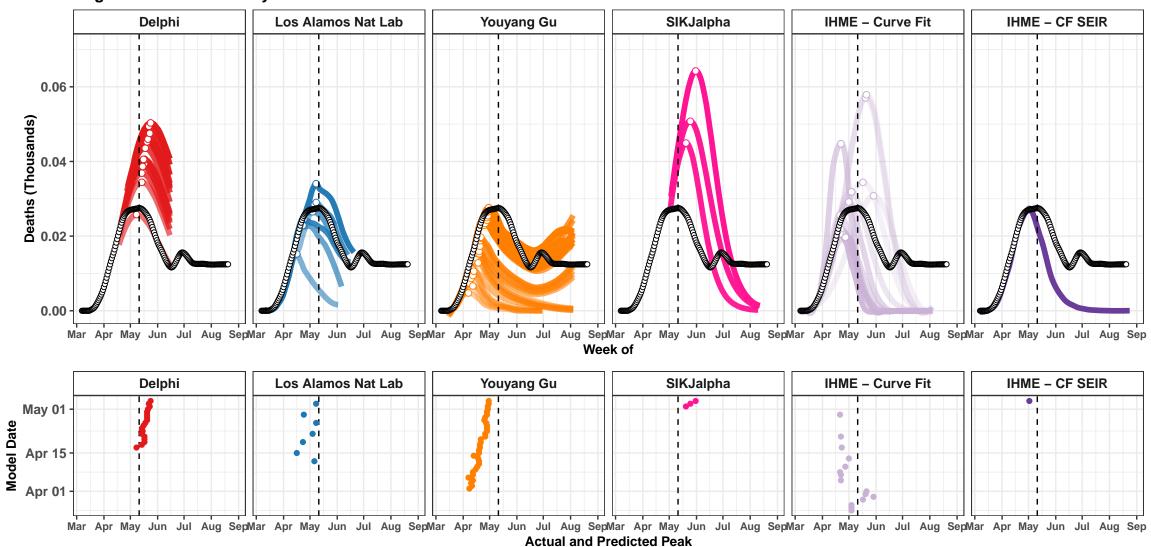
**Guatemala - Smoothed Daily Deaths** 



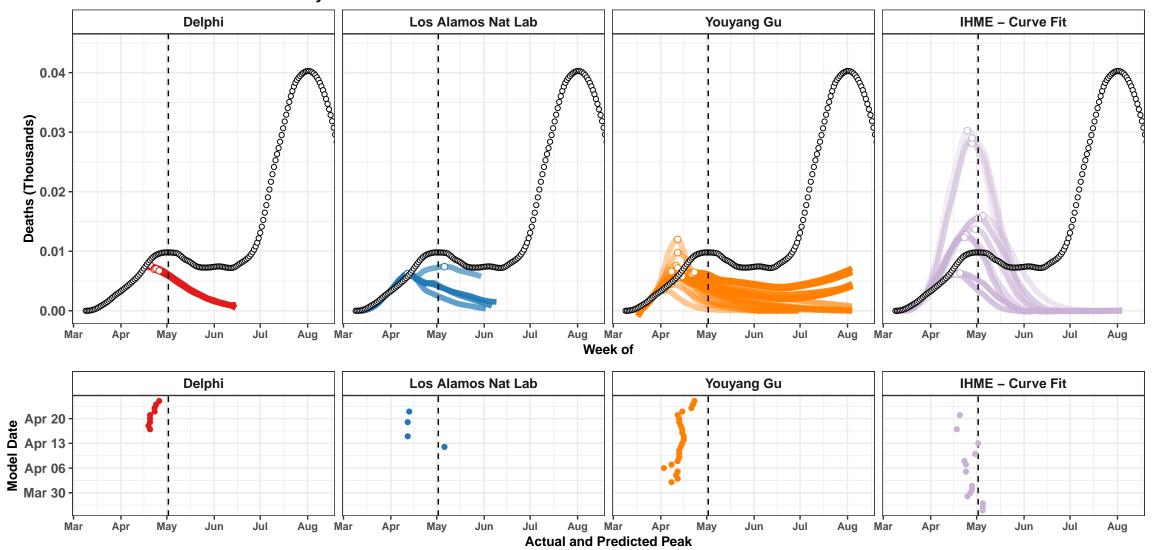
### North Carolina – Smoothed Daily Deaths



**Virginia – Smoothed Daily Deaths** 



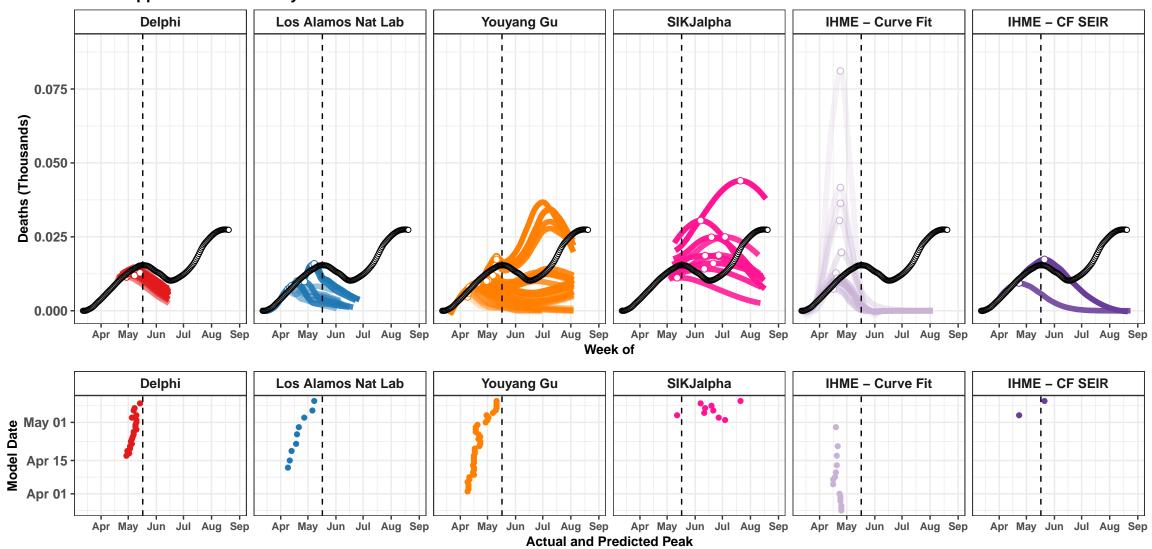
#### South Carolina – Smoothed Daily Deaths

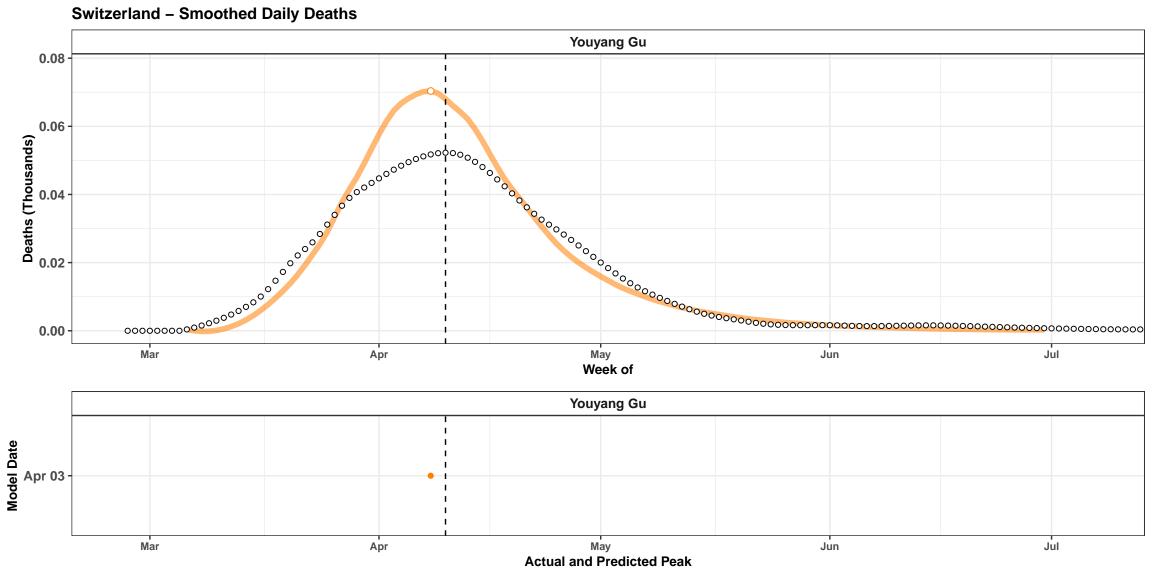


**Ukraine – Smoothed Daily Deaths** SIKJalpha Delphi **Los Alamos Nat Lab Imperial** 0.04 Deaths (Thousands) 0.01 0.00 Mar Apr May Jun Jul Aug Week of Delphi **Los Alamos Nat Lab** Imperial SIKJalpha May 04
Apr 27
Apr 20 Apr 13 ¬ May Jun Jul Mar May Jul Aug Mar Apr May Jun Aug Mar Apr May Aug Apr Aug Apr Jun Jul Jun Jul

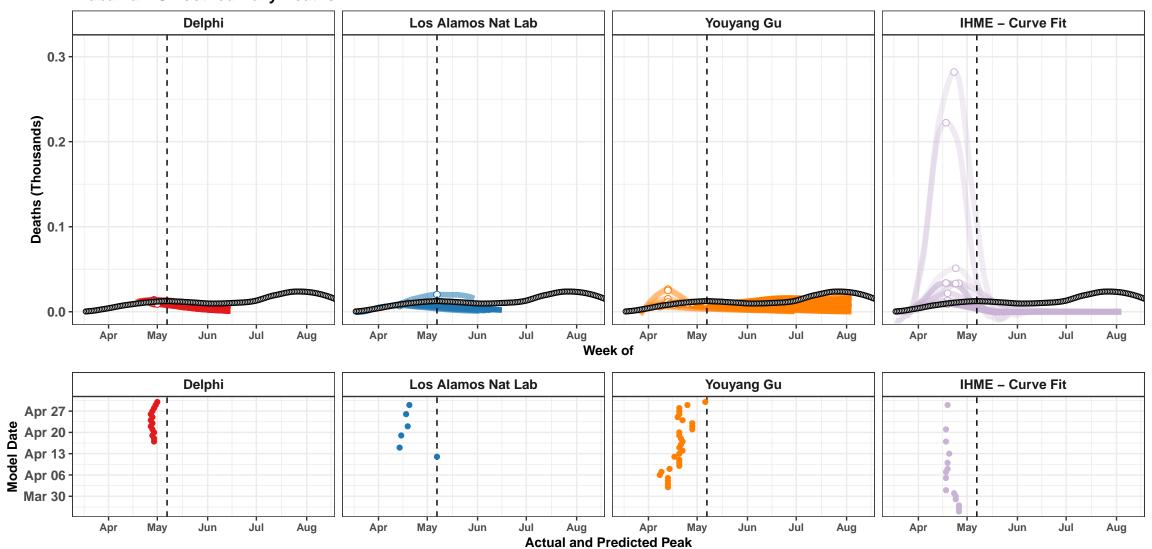
**Actual and Predicted Peak** 

## Mississippi – Smoothed Daily Deaths

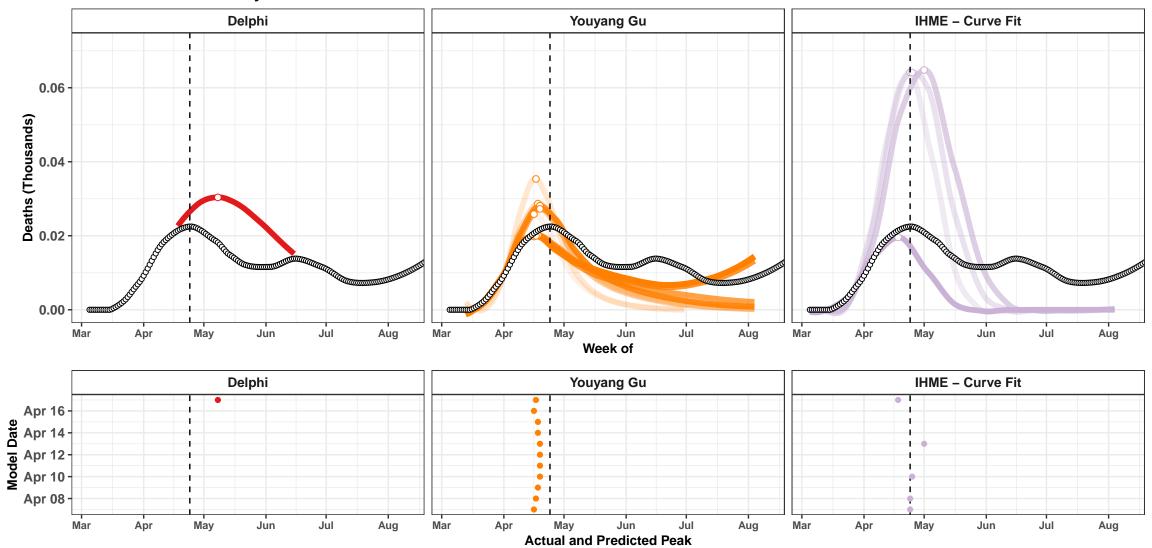




Alabama – Smoothed Daily Deaths

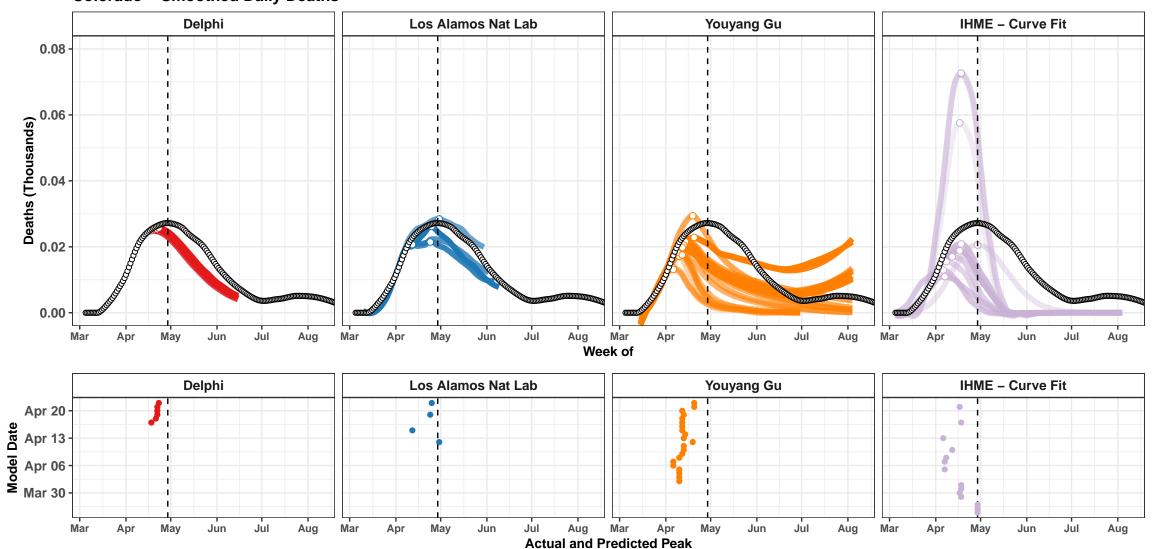


**Poland – Smoothed Daily Deaths** 

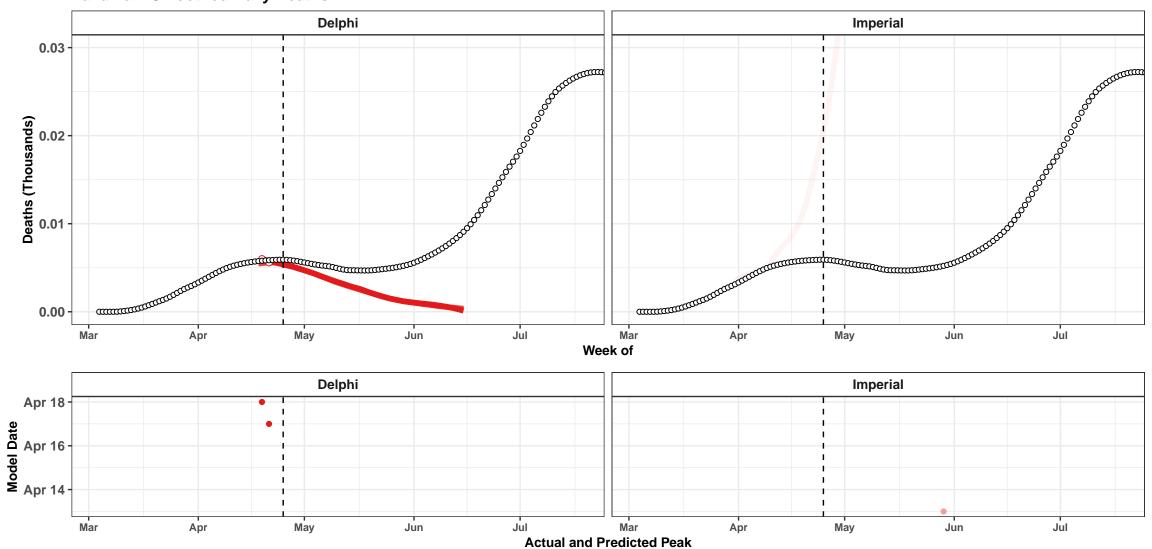


**Washington – Smoothed Daily Deaths** Youyang Gu IHME - Curve Fit 0.03 Deaths (Thousands) 0.00 -Jun Mar Apr May Jul Aug Mar Apr May Jun Jul Aug Week of IHME - Curve Fit Youyang Gu Apr 03 Model Date Mar 30 Mar 28 Mar 26 Mar Mar Apr May Jun Jul Aug Apr May Jun Jul Aug **Actual and Predicted Peak** 

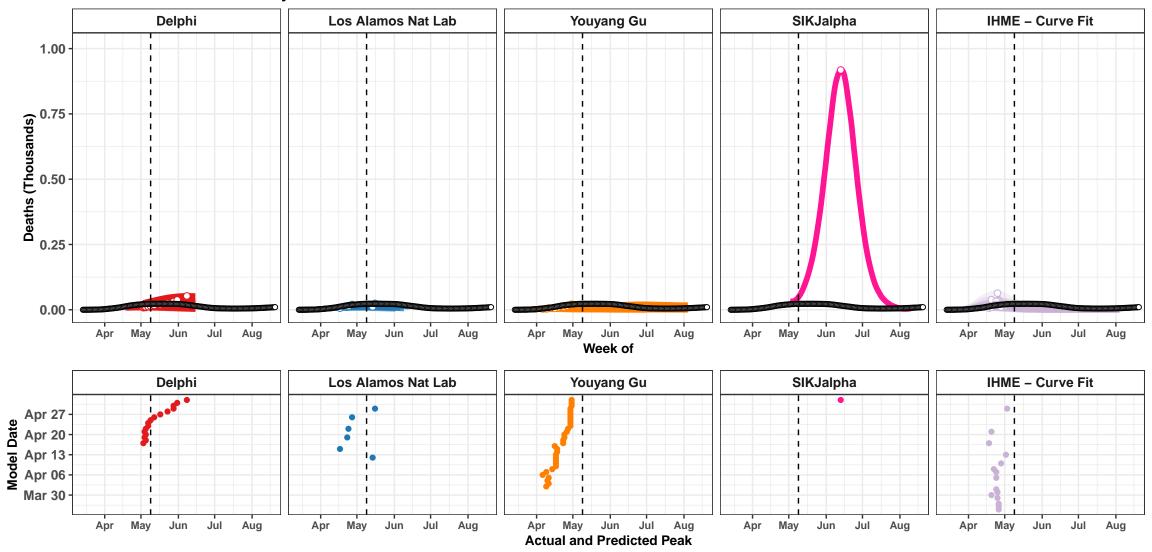
**Colorado – Smoothed Daily Deaths** 



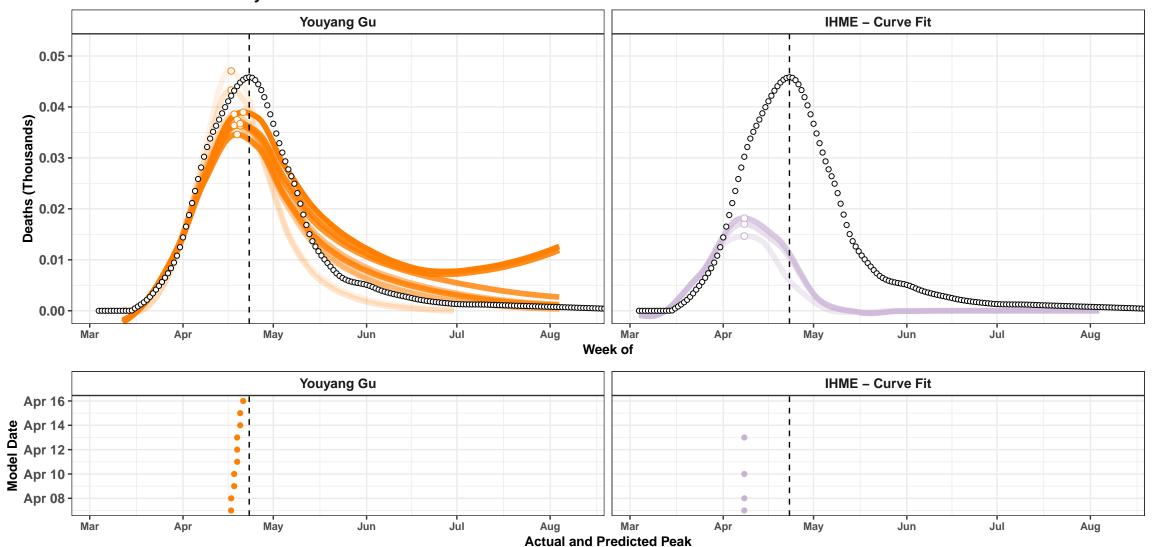
Panama – Smoothed Daily Deaths



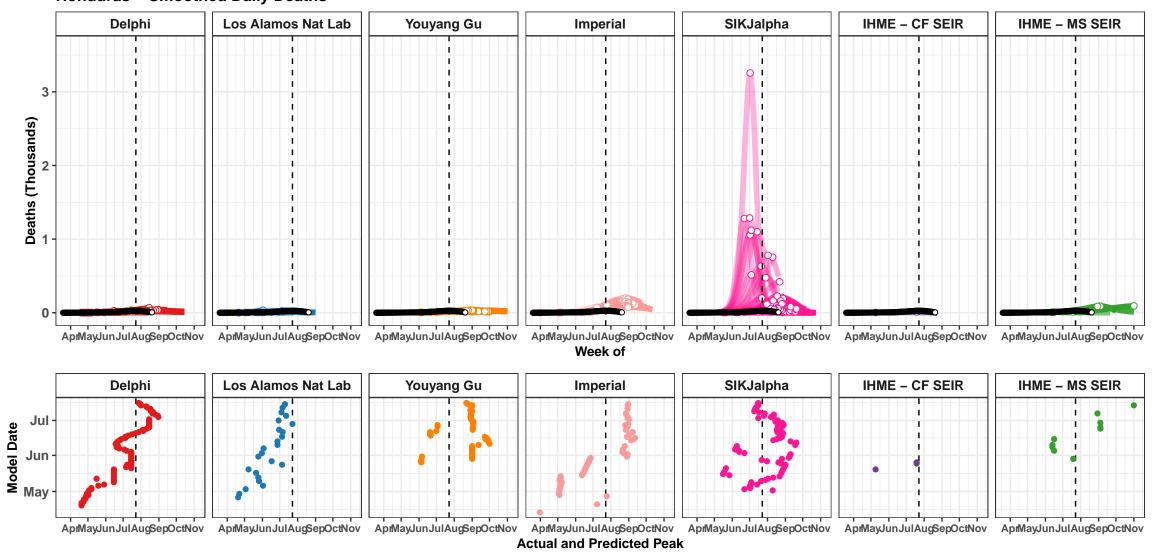
#### Minnesota – Smoothed Daily Deaths



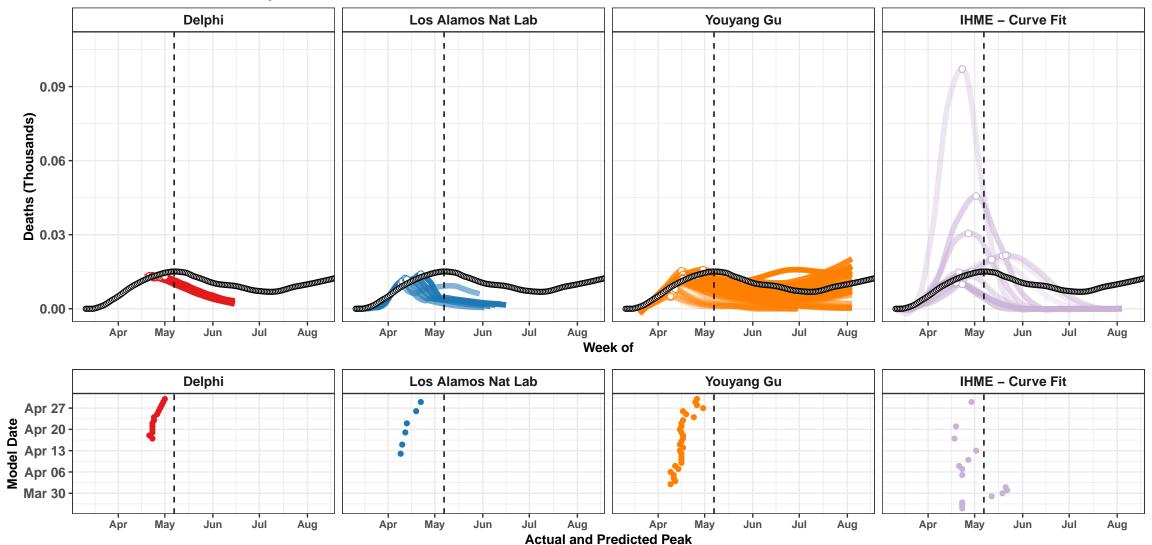
**Ireland – Smoothed Daily Deaths** 



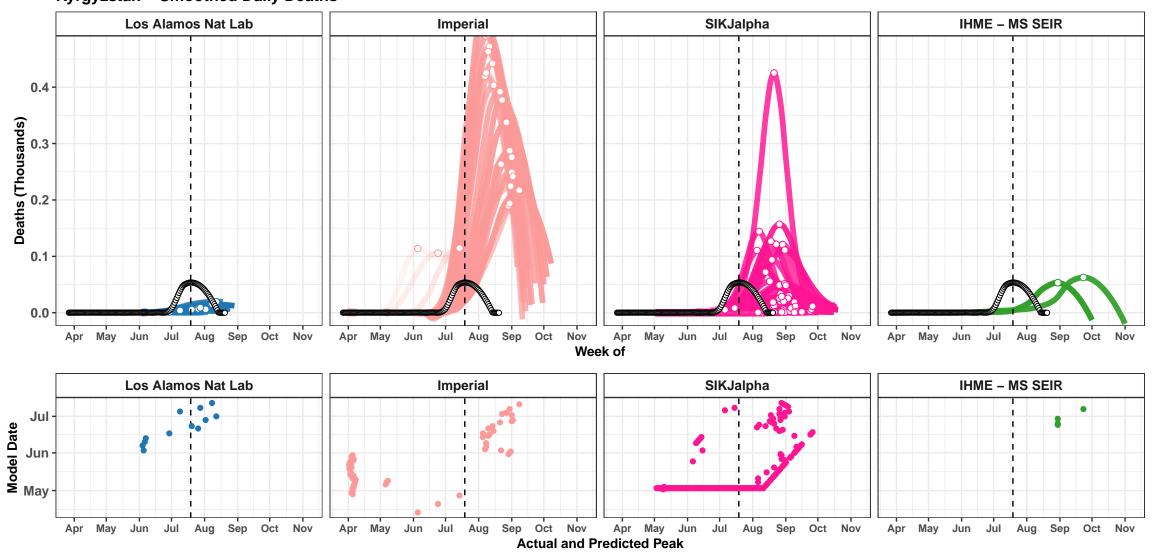
#### **Honduras – Smoothed Daily Deaths**

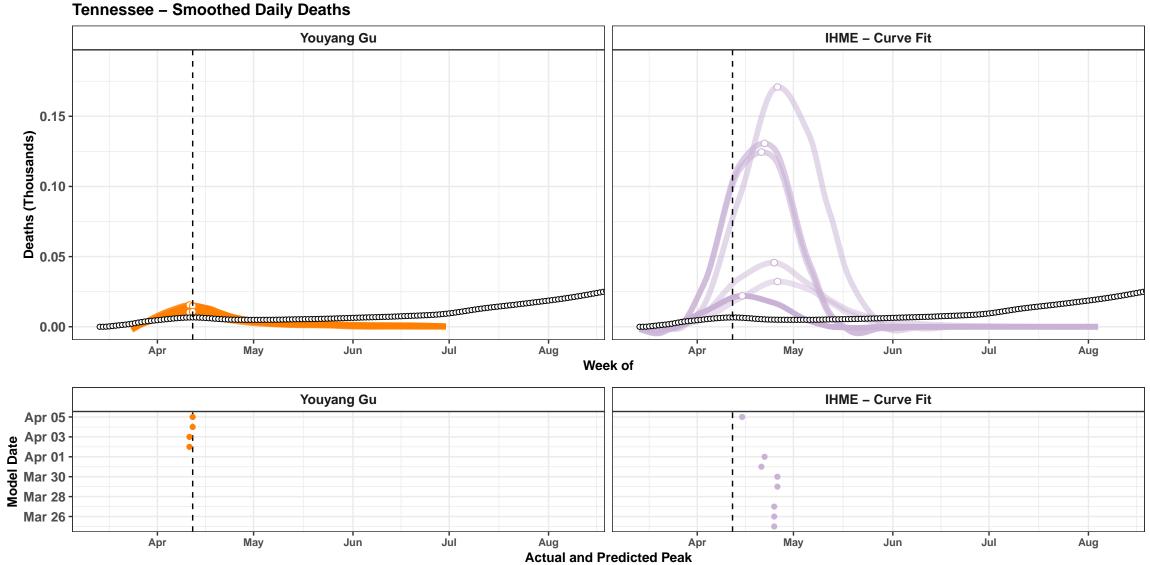


# Missouri - Smoothed Daily Deaths

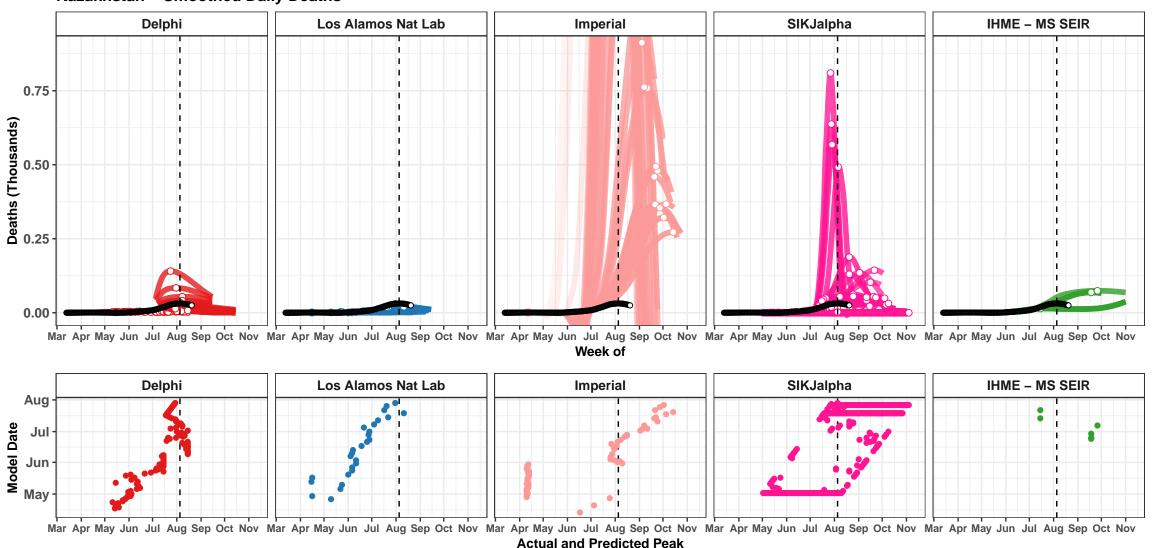


**Kyrgyzstan – Smoothed Daily Deaths** 

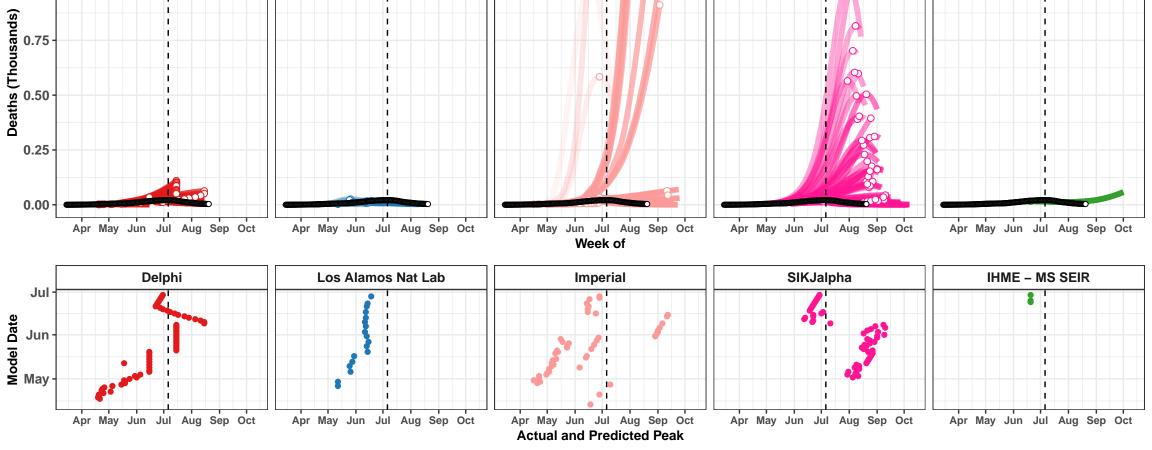




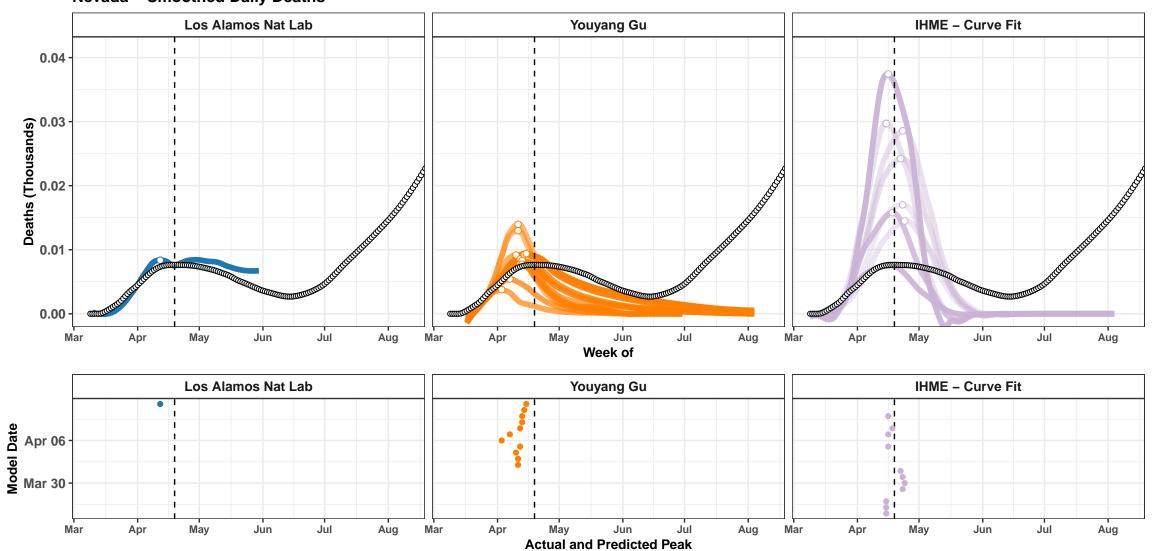
**Kazakhstan – Smoothed Daily Deaths** 



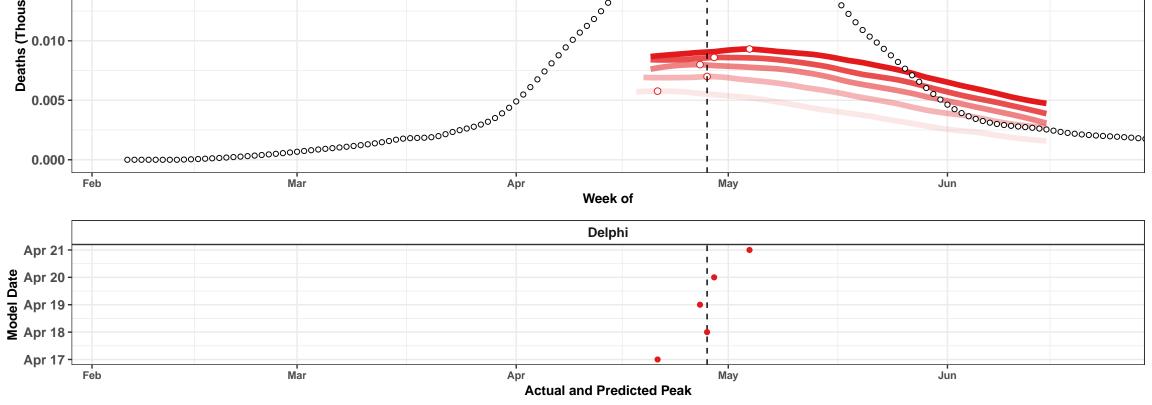
**Afghanistan – Smoothed Daily Deaths** Delphi **Los Alamos Nat Lab Imperial** SIKJalpha IHME - MS SEIR 1.25 1.00



Nevada – Smoothed Daily Deaths

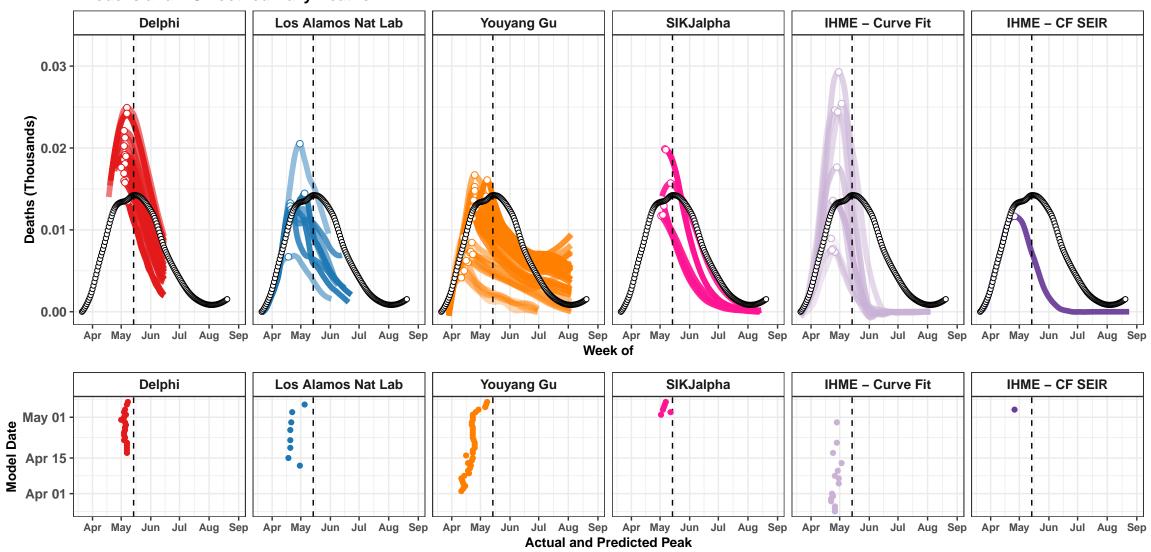


Japan - Smoothed Daily Deaths Delphi 0.020 -Deaths (Thousands) 0.005 0.000 -Feb Mar Apr May Jun Week of Delphi Apr 21

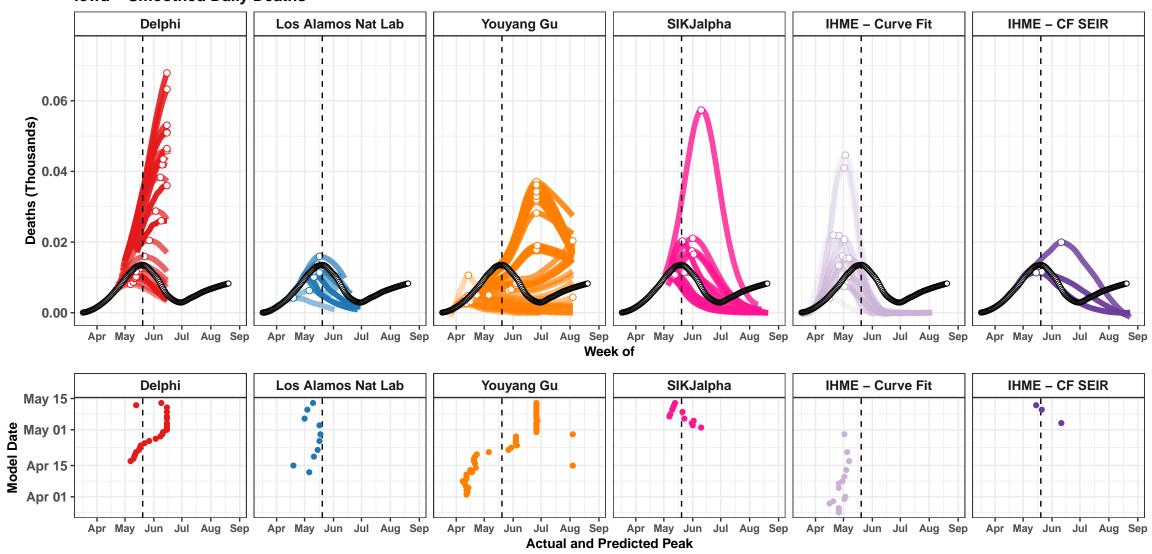


Wisconsin - Smoothed Daily Deaths Youyang Gu IHME - Curve Fit 0.04 Deaths (Thousands) 0.00 0.01 0.01 0.00 Jul May Jun Apr May Jun Jul Aug Apr Aug Week of IHME - Curve Fit Youyang Gu Model Date Mar 30 Jul Apr May Jun Aug Apr May Jun Jul Aug **Actual and Predicted Peak** 

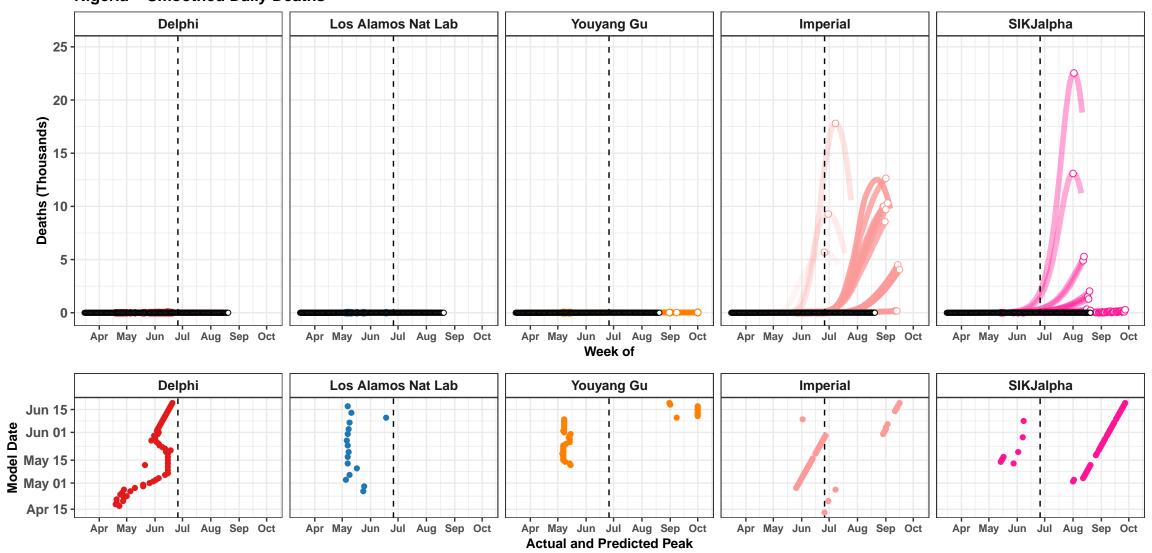
#### Rhode Island – Smoothed Daily Deaths



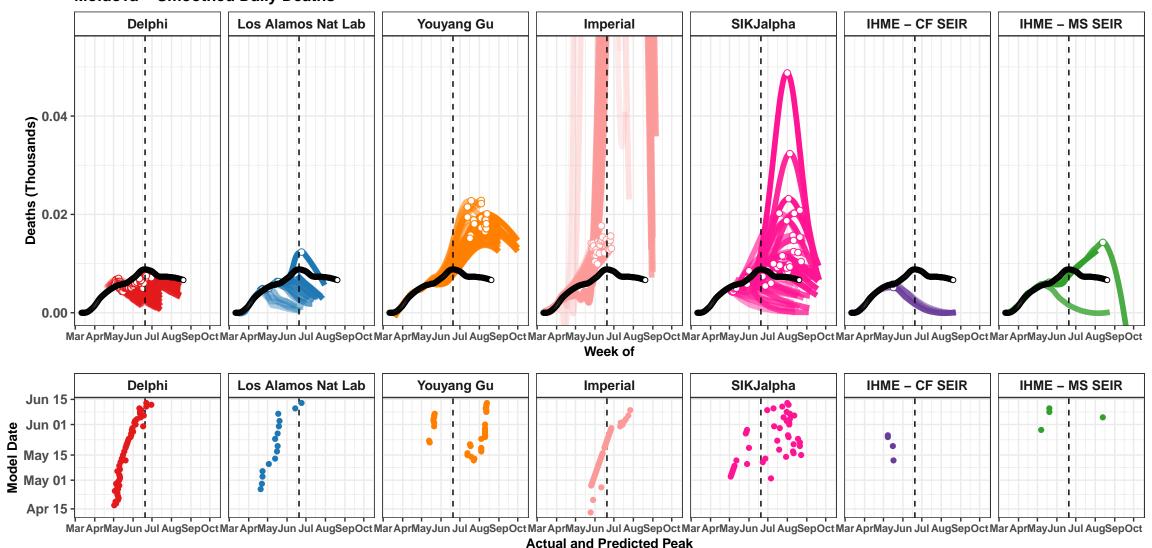
Iowa - Smoothed Daily Deaths



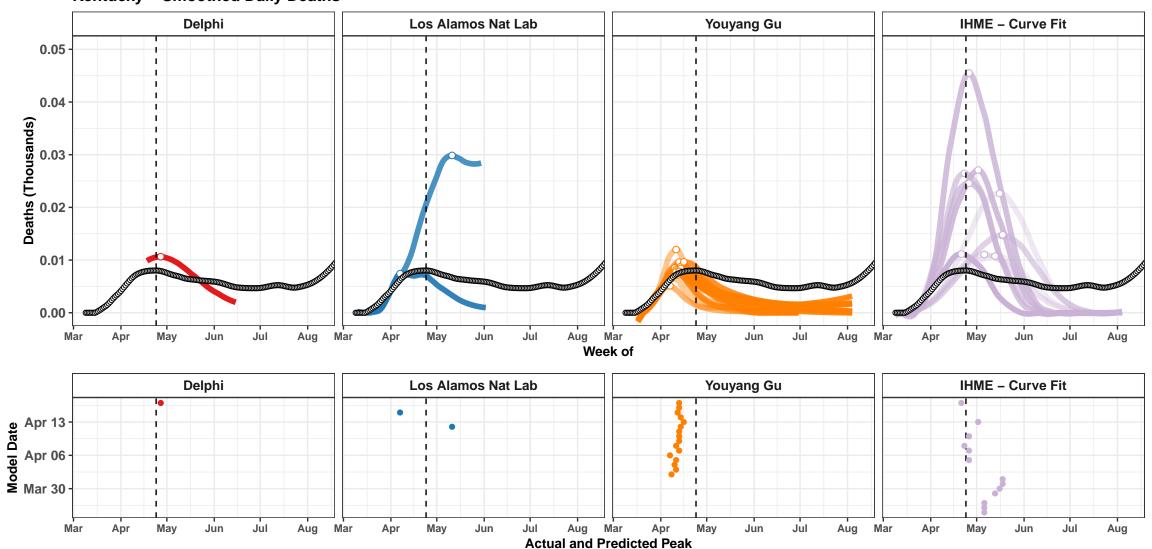
Nigeria – Smoothed Daily Deaths



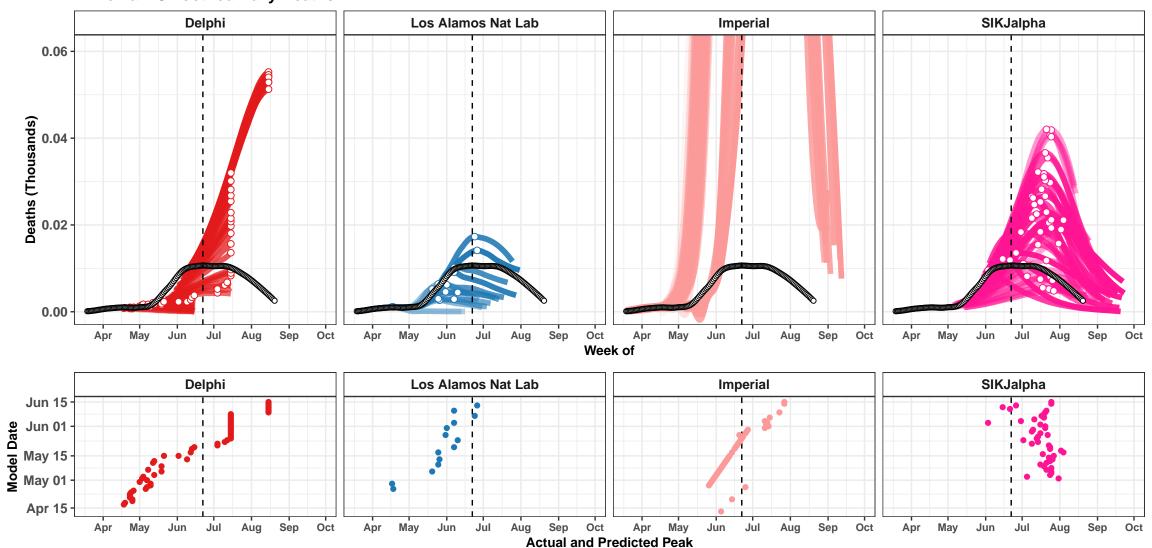
#### **Moldova – Smoothed Daily Deaths**



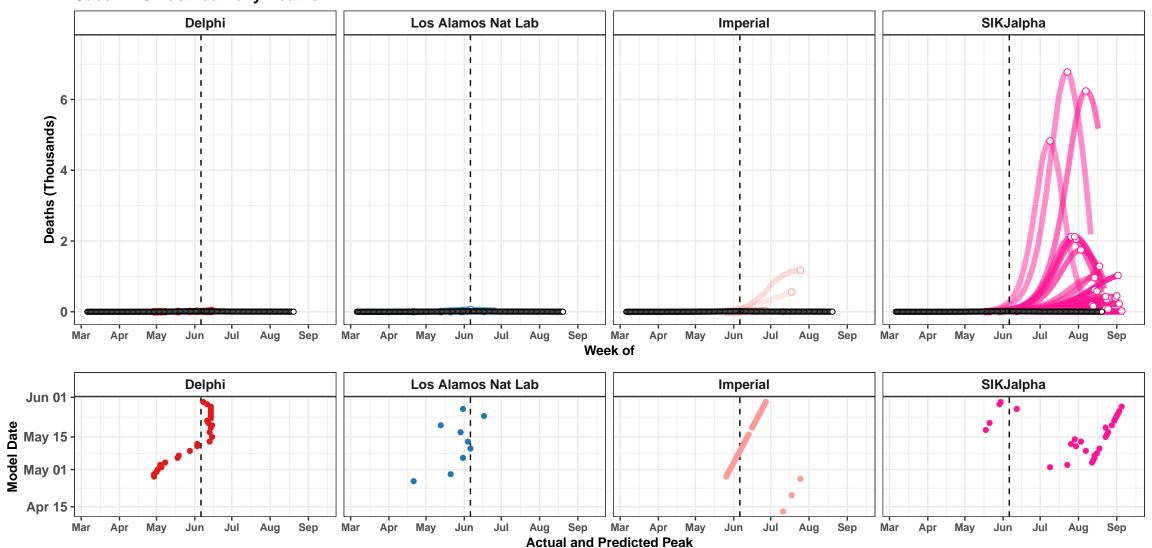
**Kentucky – Smoothed Daily Deaths** 



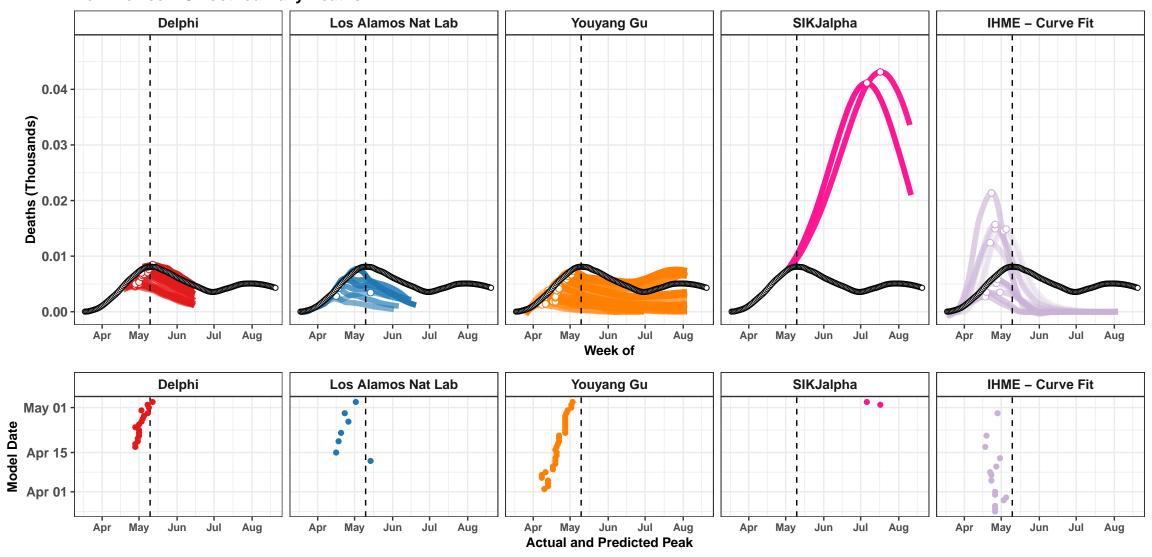
**Armenia – Smoothed Daily Deaths** 

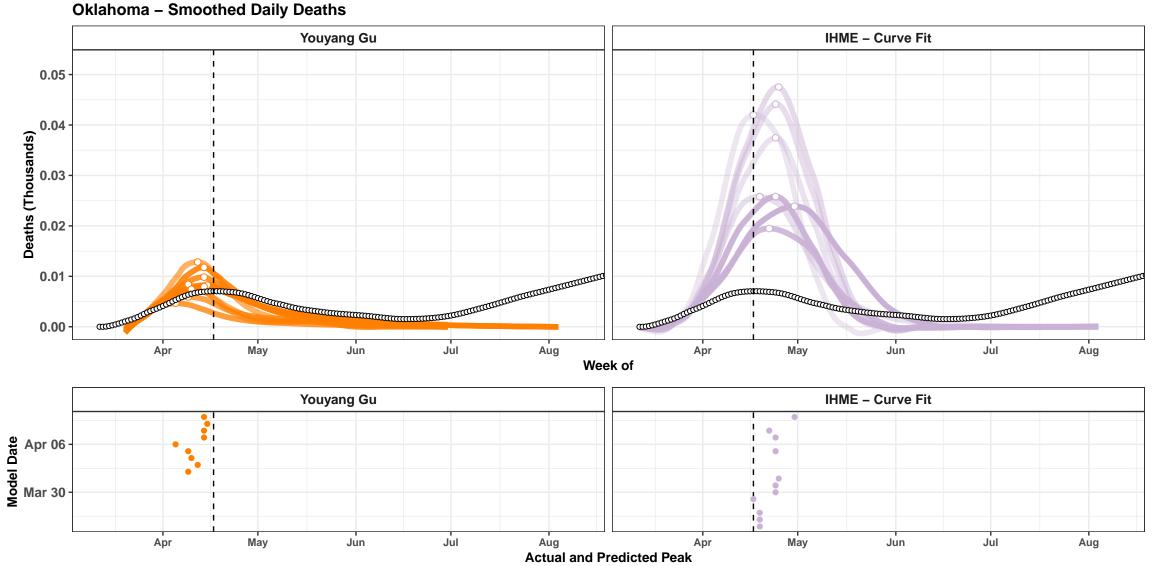


Sudan – Smoothed Daily Deaths

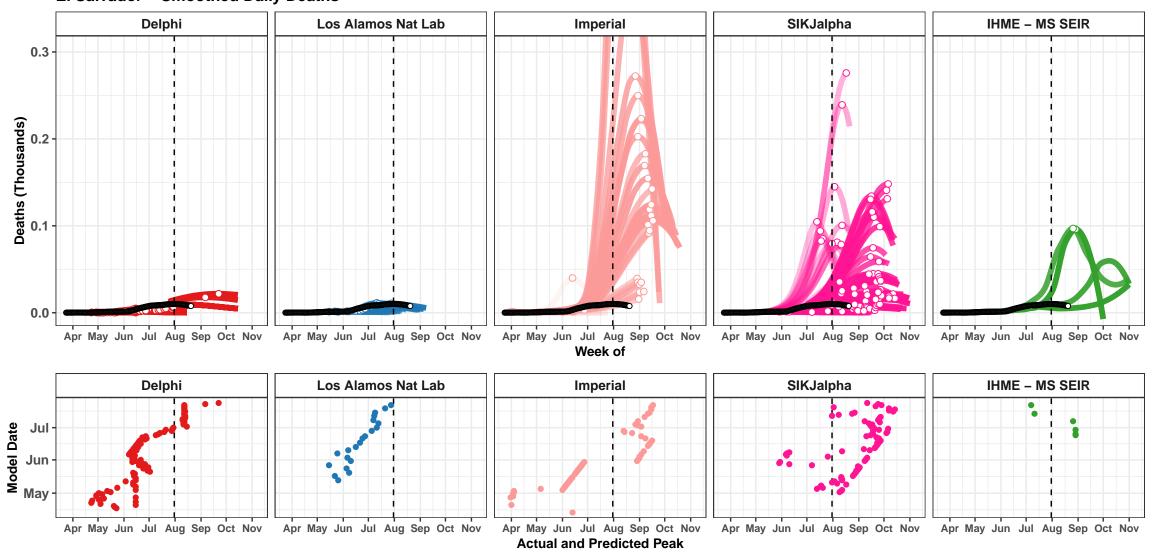


#### New Mexico – Smoothed Daily Deaths

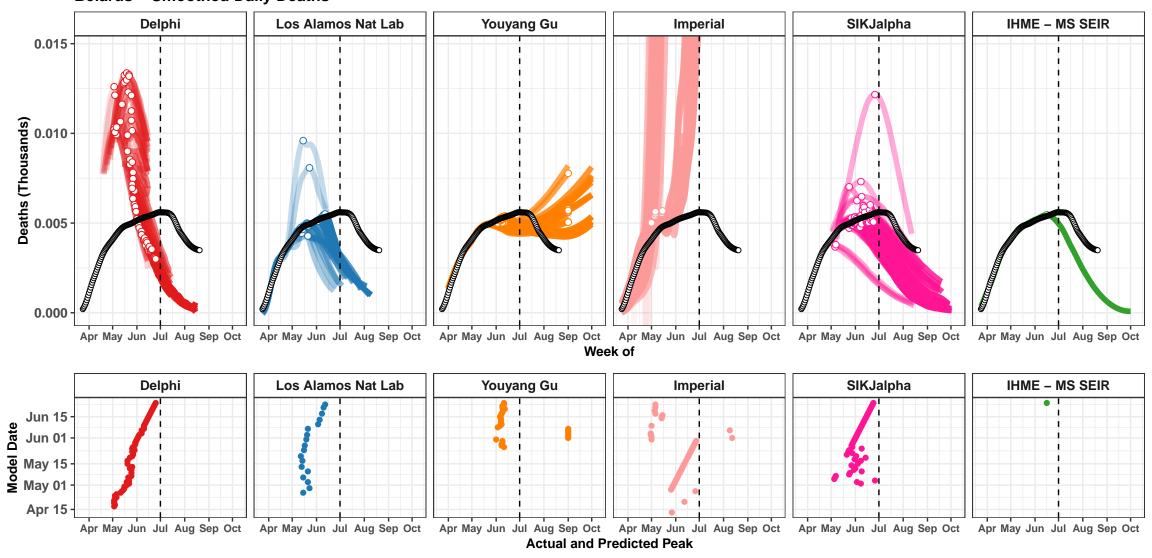




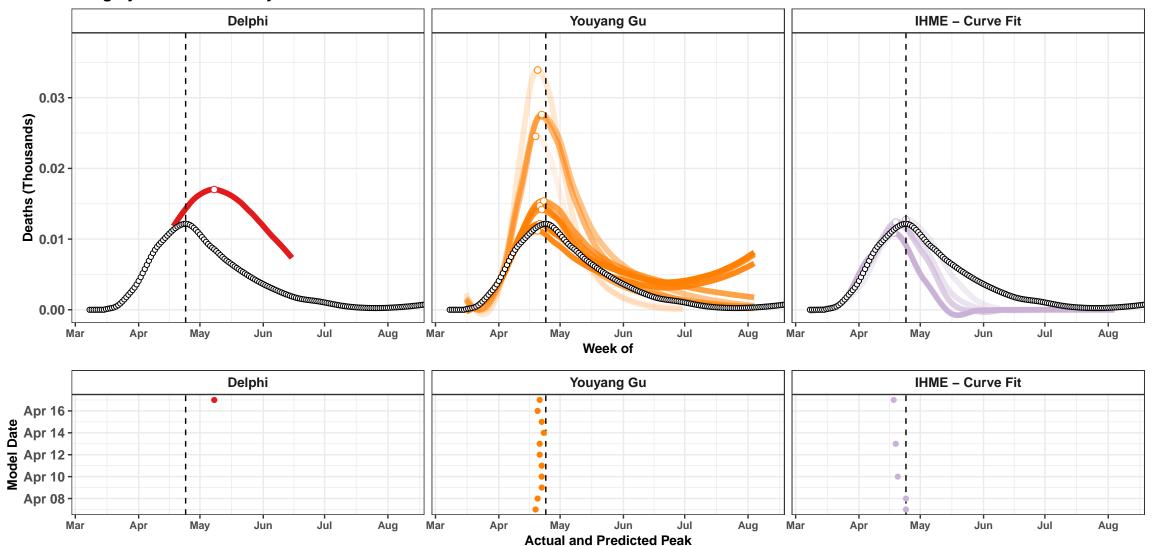
El Salvador – Smoothed Daily Deaths



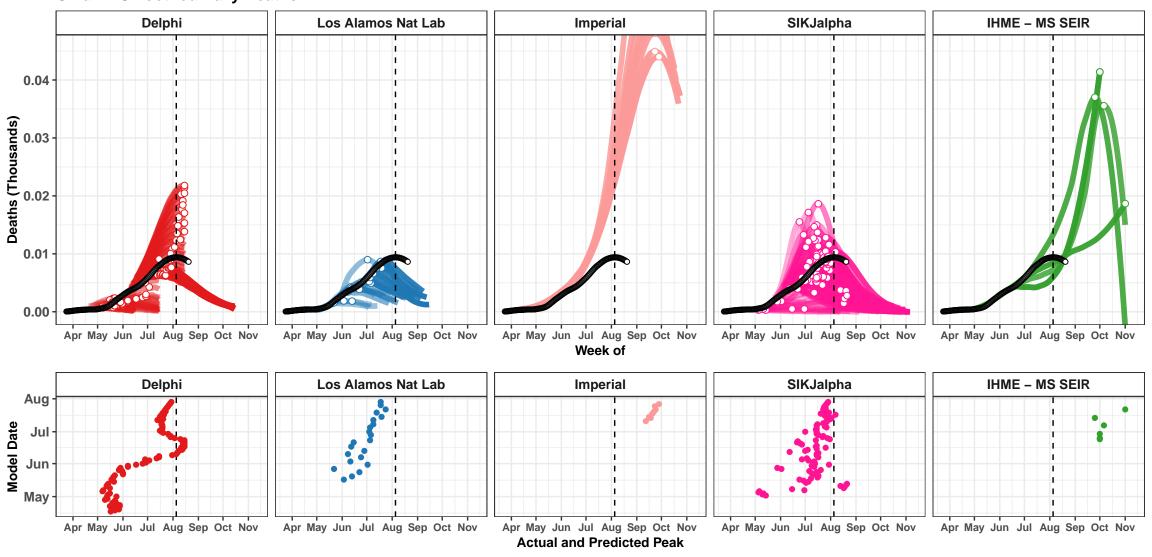
**Belarus – Smoothed Daily Deaths** 



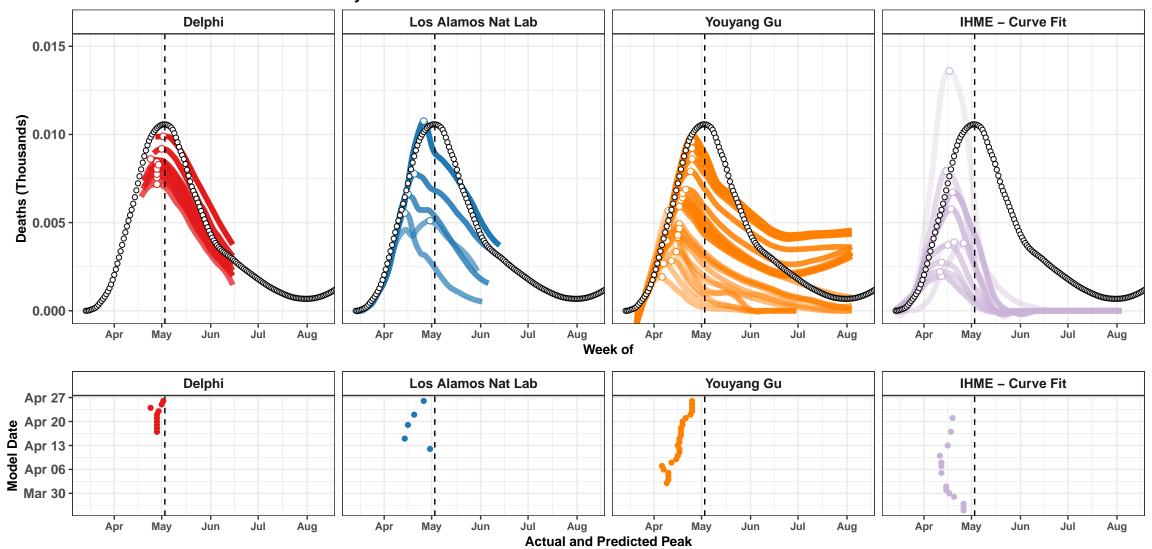
**Hungary – Smoothed Daily Deaths** 



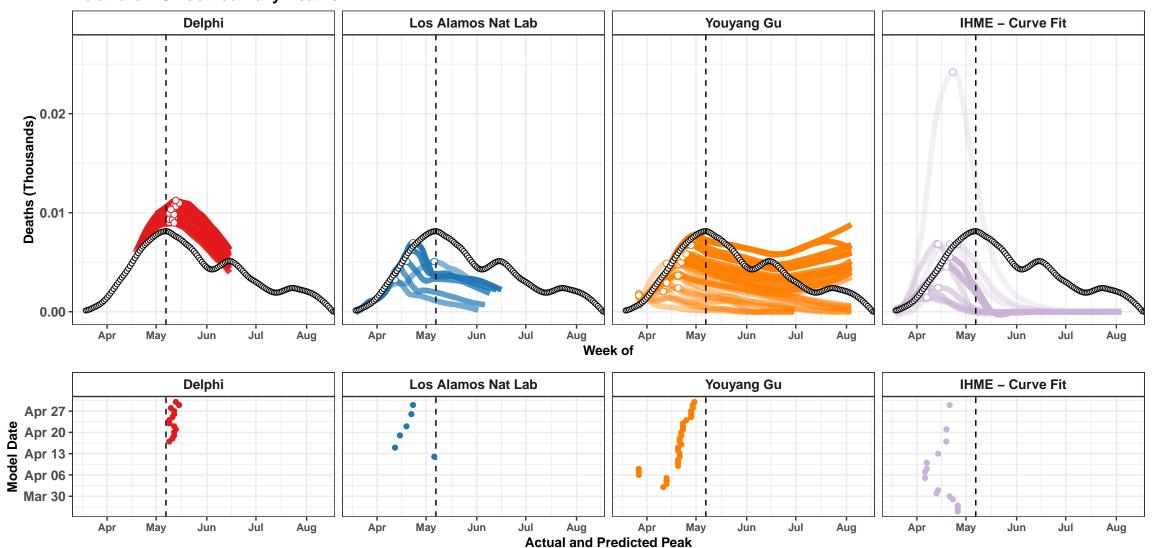
### **Oman – Smoothed Daily Deaths**



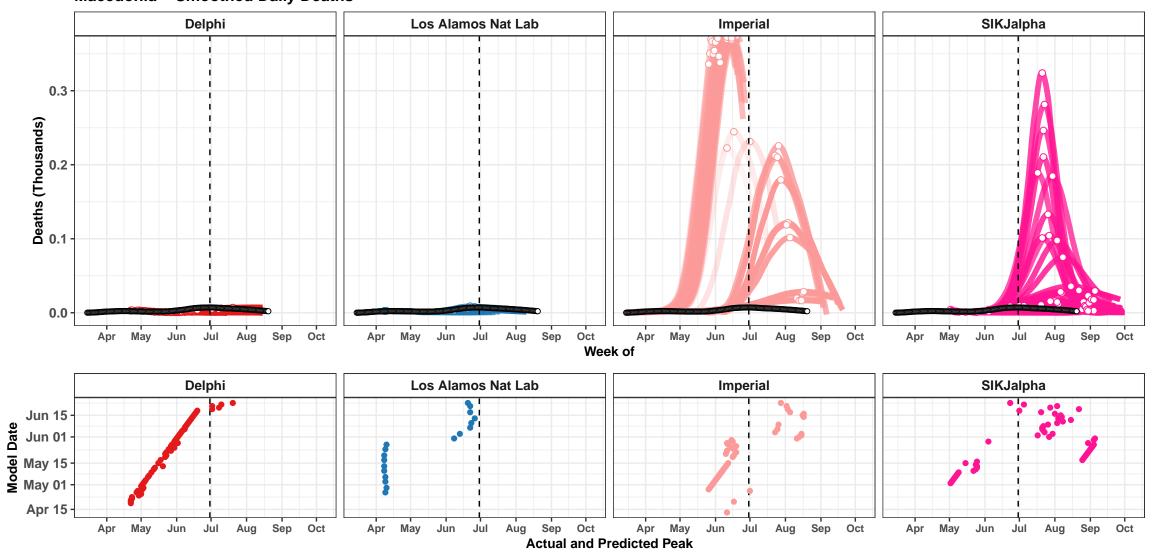
# District of Columbia – Smoothed Daily Deaths



**Delaware – Smoothed Daily Deaths** 



# Macedonia – Smoothed Daily Deaths



**Yemen – Smoothed Daily Deaths Los Alamos Nat Lab Imperial** SIKJalpha Delphi 100 1 0 Deaths (Thousands) 0 0 -May May Jun Jul Aug Sep May Jun Jul Aug Sep Jun Jul Aug Sep May Jun Jul Aug Sep Week of **Los Alamos Nat Lab** SIKJalpha Delphi Imperial Model Date Date May 15. May 01

May

Jul

Jun

Aug

Sep

May

Jul

Jun

Aug

Sep

May

**Actual and Predicted Peak** 

Jun

Jul

Aug

Sep

May

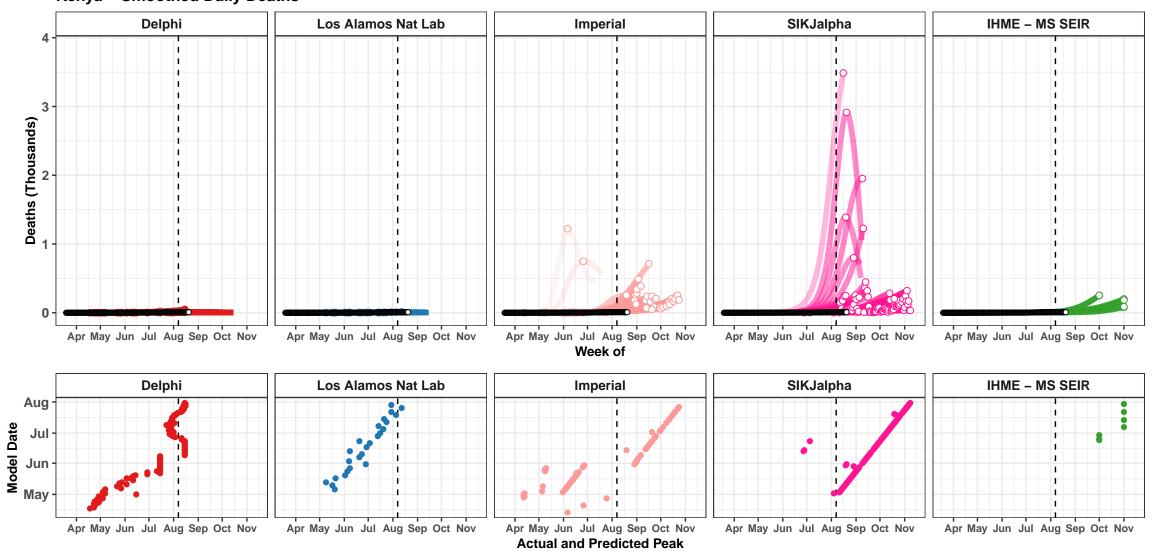
Jun

Jul

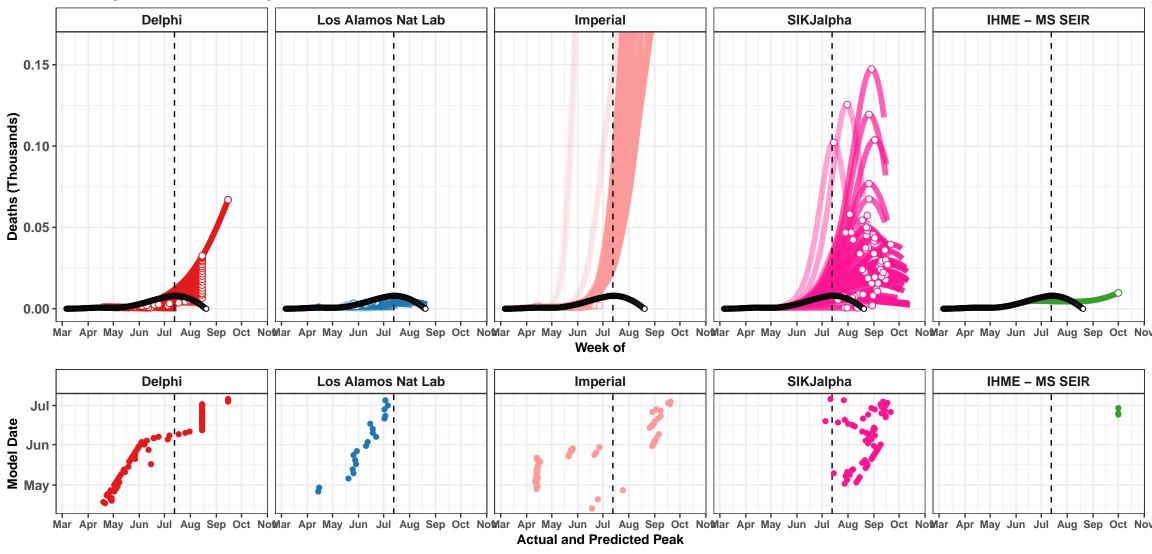
Aug

Sep

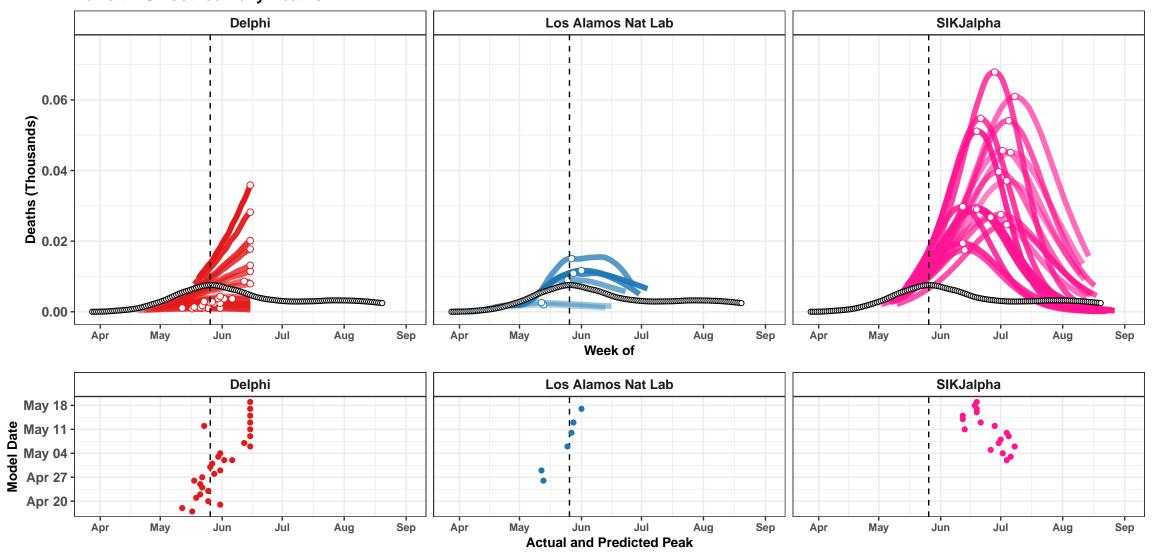
Kenya – Smoothed Daily Deaths



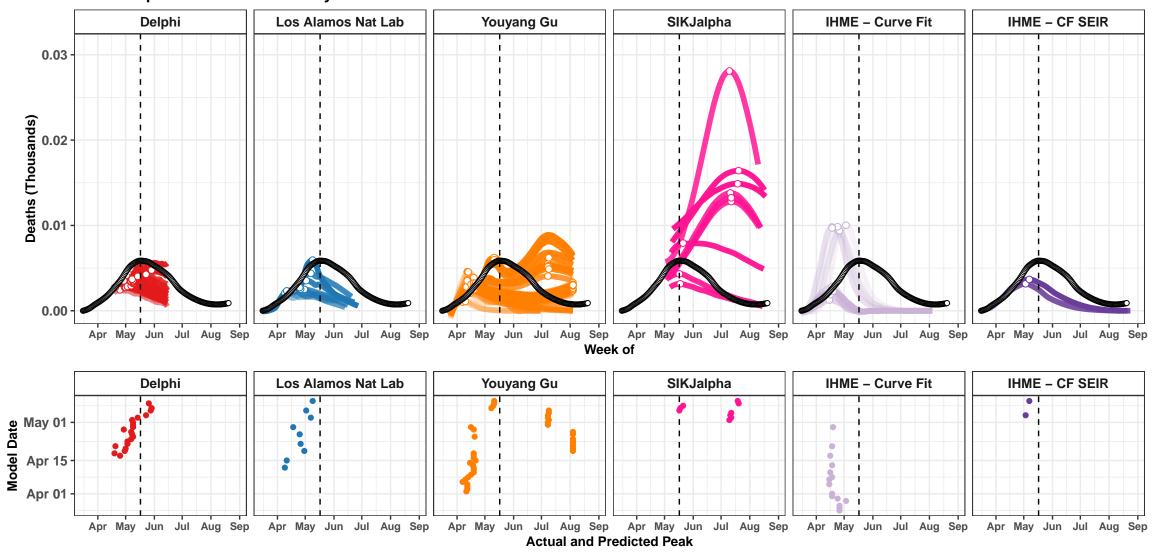
#### Azerbaijan - Smoothed Daily Deaths



**Kuwait – Smoothed Daily Deaths** 

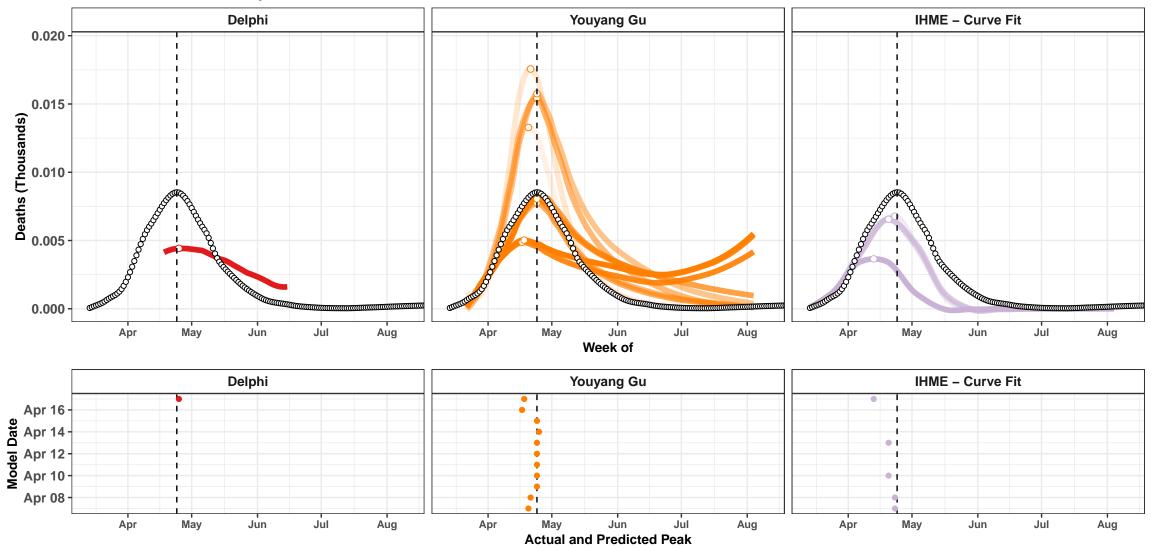


#### **New Hampshire – Smoothed Daily Deaths**

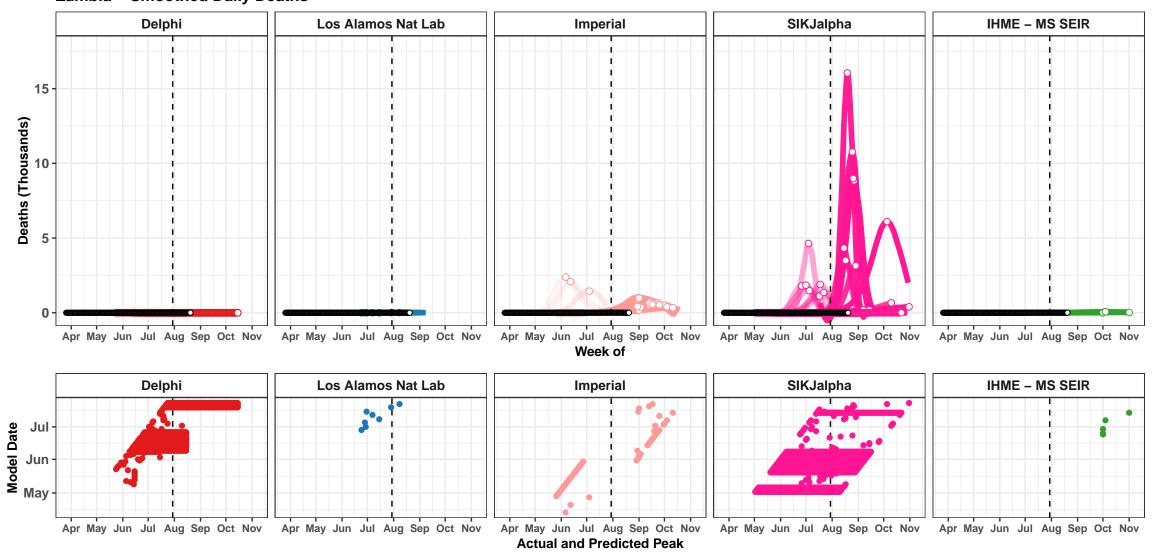


**United Arab Emirates – Smoothed Daily Deaths** Delphi 0.009 Deaths (Thousands) 0.000 -Apr May Jun Week of Delphi Apr 24 - Apr 22 - Apr 20 - Apr 19 Apr 18-Apr May Jun **Actual and Predicted Peak** 

Finland – Smoothed Daily Deaths



# Zambia – Smoothed Daily Deaths



#### **Uzbekistan - Smoothed Daily Deaths**

